INDEX TO ADMINISTRATIVE RECORD

2065 KITTREDGE STREET

Use Permit #ZP2021-0193

Prepared: December 12, 2022

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ZONING ADJUSTMENTS BOARD

STAFF REPORT

FOR BOARD ACTION
SEPTEMBER 22, 2022

2065 Kittredge Street

Use Permit #ZP2021-0193 to demolish portions of existing City Landmark commercial buildings and construct an 8-story, mixed-use building with 187 dwelling units (including four live/work units and nine Very Low-Income units), 4,993 square feet commercial space and 43 parking spaces. Project utilizes State Density Bonus.

I. Background

A. Land Use Designations:

- General Plan: DT – Downtown; Downtown Area Plan
- Zoning: C-DMU (Core) – Downtown Mixed-Use Commercial District – Core Sub-area

B. Zoning Permits Required:

- Use Permit under BMC Section 23.326.070(A) to demolish a non-residential building
- Use Permit under BMC Section 23.204.020(A) to construct a new mixed-use development
- Use Permit under BMC Section 23.204.020(A) to construct dwelling units
- Use Permit under BMC Section 23.204.030(B)(1) to create new floor area of 10,000 square feet or more
- Use Permit under BMC Section 23.204.130(E)(1) to exceed the maximum building height limits, up to 75 feet (plus 5-foot parapet, by right)

C. Concessions and Waivers and Pursuant to State Density Bonus Law (CA Gov't. Code Section 65915):

- Concession to reduce the usable open space requirement – to provide 11,916 square feet where 14,960 square feet is required
- Waiver of BMC Section 23.204.130(E)(1) to exceed building height limits – to be 87 feet (plus 5-foot parapet, by right), where 75 feet is the limit (plus 5-foot parapet, by right, with a use permit)
- Waiver of BMC Section 23.204.130(E)(3) to reduce setback to 0 feet, where 15 feet is required, where above 75 feet in height

- Waiver of BMC Section 23.204.130(E)(3) to increase front setback maximum to 0-20 feet, where 5 feet is required, at 0-20-foot building height
- Waiver of BMC Section 23.304.090(B)(7) to reduce the landscaped usable open space to 25 percent, where from 40 percent minimum is required
- Waiver of BMC Section 23.304.050(A) to exceed building height limits with rooftop architectural elements which exceed the maximum height limit for the district
- Waiver of BMC Section 23.322.030(B)(1) to reduce the minimum commercial parking requirement to zero, where eight is required

D. CEQA Recommendation: Adopt the Environmental Impact Report (EIR) Addendum to the certified 2211 Harold Way Mixed-Use Project Final EIR (SCH #2014052063) and Revised Mitigation Monitoring and Reporting Program (MMRP) pursuant to the California Environmental Quality Act. The Addendum and MMRP are attached to this staff report. See Section V for discussion of the project's CEQA review.

E. Parties Involved:

- Applicant — Bill Schrader, 164 Oak Road, Alamo, CA 94507
- Property Owner — CA Student Living Berkeley, LLC, 130 Randolph Street, Suite 2100, Chicago IL, 60601

F. Application Materials, Staff Reports and Correspondence are available on the Internet:
https://aca.cityofberkeley.info/citizenaccess/Default.aspx
https://cityofberkeley.info/your-government/boards-commissions/zoning-adjustments-board

Figure 1: Zoning Map

Legend

C-DMU:	Downtown Mixed-Use District
Core:	C-DMU Core Sub-Area
Buffer:	C-DMU Buffer Sub-Area
Corridor:	C-DMU Corridor Sub-Area
Outer Core:	C-DMU Outer Core Sub-Area

N

Figure 2: Project Location

Figure 3: City Landmarks and Demolition Boundaries

Figure 4: Kittredge Street Elevation (South)

Figure 5: Harold Way Elevation (West)

Figure 6: Allston Way Elevation (North)

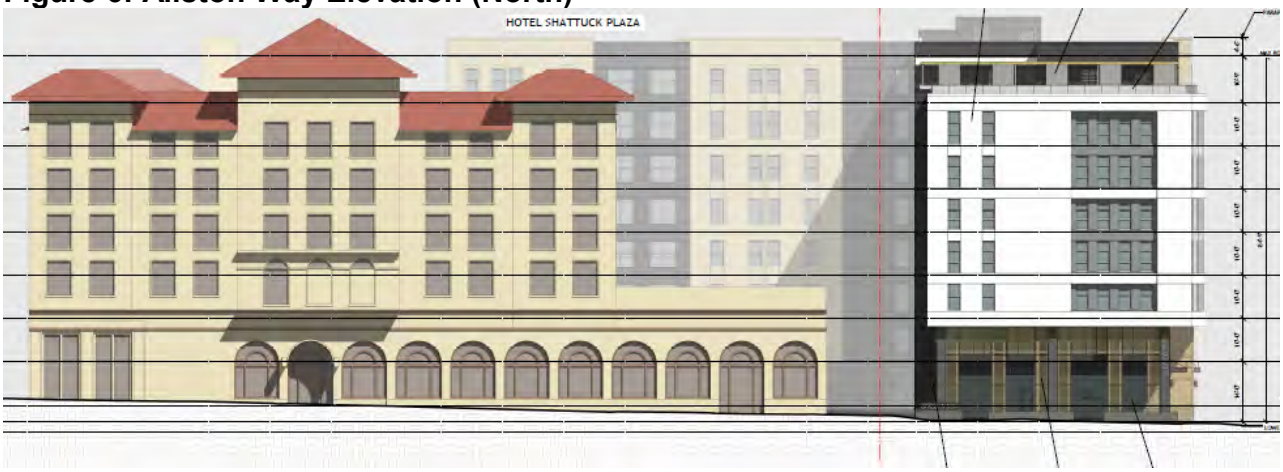

Table 1: Land Use Information

Location		Existing Use	Zoning District	General Plan Designation
Subject Property		Office (combination of professional, institutional and medical) Children's Museum (closed)	C-DMU Core Sub-Area	DT
Surrounding Adjacent Properties	North	Retail (2190 Shattuck Ave); Public parking structure with ground floor office and commercial		
	East	Hotel Shattuck Plaza (2086 Allston Way) and ground floor retail on Shattuck Ave. Mixed use retail and apartments (2219 Shattuck Ave.) Mixed use retail and apartments (2225 Shattuck Ave.) Mixed use retail and apartments (2231 Shattuck Ave.) Shattuck Cinemas (closed)		
	South	Central Public Library (2090 Kittredge St.)	C-DMU Corridor Sub-Area	
	West	Dharma College and the Mangalam Center (2018 Allston Way)	C-DMU Outer Core Sub-Area	

Table 2: Special Characteristics

Characteristic	Applies to Project?	Explanation
Affordable Child Care Fee & Affordable Housing Fee for qualifying non-residential projects (Per Resolutions 66,618-N.S. & 66,617-N.S.)	No	These fees apply to projects with more than 7,500 square feet of net new non-residential gross floor area. The project includes no net new non-residential gross floor area. Therefore, the project would not be subject to these fees.
Affordable Housing Fee for qualifying non-residential projects (Per Resolution 66,617-N.S.)		
Affordable Housing Mitigations for rental housing projects (Per BMC 22.20.065)	Yes	The project would include five or more market rate dwelling units and is therefore subject to the affordable housing provisions of BMC 22.20.065.
Alcohol Sales/Service	No	The project is not proposing alcohol sales or service with this permit.
Coast Live Oaks	No	There are no oak trees on the project site.
Creeks	No	The project site is not within a creek buffer.

Characteristic	Applies to Project?	Explanation
Density Bonus	Yes	The project would provide nine Very Low-Income units, or 5% of the Base Project units, and qualifies for a 20% density bonus, or 33 bonus units (24 taken). See Section III.B for discussion.
Green Building Score	Yes	The Project is designed to achieve a LEED Gold (or equivalent) rating.
Historic Resources	Yes	The project would involve removal of the 1926 addition and portions of the 1913 addition to the landmarked Shattuck Hotel. The project would involve demolition of the 1959 Hink's Building, which is not a historic resource.
Housing Accountability Act (Govt. Code 65589.5(j))	Yes	The project is a "housing development project" consisting of a mixed-use building, and requests no modifications to development standards beyond waivers and concessions requested under density bonus law. Therefore, the HAA findings apply to this project, and the project cannot be denied at the density proposed unless the findings for denial can be made. See Section III.C for discussion.
Public Art on Private Projects (BMC Chapter 23C.23)	Yes	The project is subject to the Percentage for Public Art on Private Projects Ordinance. The applicant is electing to pay the fee (0.8% of total building permit valuation) to comply.
Rent Controlled Units	No	The project involves the partial demolition of non-residential structures and no rent-controlled units would be demolished.
Residential Preferred Parking	Yes	The site is located in RPP zone "I". However, newly constructed dwellings would not be eligible to participate in the RPP program.
Seismic Hazards (SHMA)	No	The project site is located in an area susceptible to liquefaction, as defined by the State Seismic Hazards Mapping Act (SHMA). The applicant has submitted a geotechnical report that has been peer reviewed by the City's consultant. Conditions of approval will be included in the permit to ensure oversight by the applicant's geotechnical consultant.
Soil/Groundwater Contamination	No	The project site is located within the City's Environmental Management Area. The project site is not listed on the Cortese List. The Phase I submitted by applicant indicated a potential for vapor intrusion associated with previous dry-cleaning activities at the site. A condition of approval will be included in the permit requiring a vapor intrusion report for Toxics Division review, as recommended in the Phase I report. Also, standard Conditions of Approval related to hazardous materials would apply.
Transit	Yes	The project site is served by multiple bus lines (local, rapid, and Transbay) that operate along Shattuck Avenue, and is approximately one block from the Downtown Berkeley BART Station.

Table 3: Project Chronology

Date	Action
July 26, 2021	SB 330 Preliminary Application deemed complete
October 25, 2021	SB 330 Use Permit Application submitted
June 1, 2022	Application deemed complete; level of CEQA review determined by staff – EIR Addendum
April 21 2022	DRC Design Review Referral for LMSAP2021-0004
June 2, 2022	LPC Structural Alterations Permit LMSAP2021-0004 Hearing
August 4, 2022	LPC Structural Alterations Permit LMSAP2021-0004 Hearing
September 8, 2022	Public hearing notices mailed/posted
September 22, 2022	ZAB Hearing

Table 4: Development Standards

C-DMU Standards, Core Sub-Area		Existing	Proposed	Permitted/Required
Lot Area (sq. ft.)		33,582[1]	33,582	n/a
Gross Floor Area (sq. ft.)		92,531	186,354	n/a
Commercial Floor Area		95,000	4,993[2]	n/a
FAR		2.8	5.5	n/a
Dwelling Units		0	183	n/a
Live/Work Units		0	4	n/a
Building Height	Maximum	36'-0"	87'-0"	50' min./60' max. (75' max. w/use permit [3]; 5' max. parapet by right)
	Stories	3	8	n/a
Building Setbacks	Front (Kittredge)	0'-0"	0'-0"	0'–5' (bldg. ht.≤20') 0' (bldg. ht.>20' and ≤75') 15' (bldg. ht.>75')
	Front (Harold)	0'-0"	0'-0" (2'-6" overhang into ROW)	0'–5' (bldg. ht.≤20') 0' (bldg. ht.>20' and ≤75') 15' (bldg. ht.>75')
	Front (Allston)	0'-0"	0'-0"	0'–5' (bldg. ht.≤20') 0' (bldg. ht.>20' and ≤75') 15' (bldg. ht.>75')
Lot Coverage (%)		100	82	n/a
Usable Open Space (sq. ft.)		n/a	11,916	14,960 min. (80 s.f./d.u.)
Privately Owned Public Open Space (sq. ft.)		n/a	4,593[4]	100 (1 s.f./50 s.f. of commercial)

C-DMU Standards, Core Sub-Area		Existing	Proposed	Permitted/Required
Parking	Commercial (4,993 sq. ft.)	0	0	8 min. (1.5 space/1,000 s.f.)
	Residential	0	41	0 min./92 max. (0.5 spaces/du max.)
	Carshare	0	2	2 min.
	Total	0	43	6 min./92 max.
Bicycle Parking	Commercial - Short Term (4,993 sq. ft.)	0	3	3 (1 spc/2,000 s.f. commercial)
	Residential - Long Term	0	122	112 (1 space/3 bedrooms)
	Residential - Short Term	0	8	8 (1 space/40 bedrooms, or 2)
	Total		122/11 (long term/short term)	112/11 (long term/short term)

[1] Area of Unit B of Parcel Map 6889

[2] Includes commercial area in live/work units, 4 x 433.5 sq.ft.=1,734 sq.ft..

[3] The use permit to allow height up to 75 feet is included in the Base Project for the calculation of the density bonus, and is not a requested waiver. Additional height beyond 75' is being requested as a waiver.

[4] Each square foot of usable open space provided as privately-owned public open space is counted as two square feet of required on-site usable open space.

= Waiver requested to modify the district standard.

= Concession, pursuant to State Density Bonus Law, requested to modify the district standard.

II. Project Setting

A. Neighborhood/Area Description: The project site is located within the Downtown Mixed-Use District (C-DMU), Core Sub-Area, as identified in the City's Downtown Area Plan (DAP). Directly adjacent to the project site and on the same block is the Shattuck Hotel, a City of Berkeley Landmark, whose main lobby and entrance are on Allston Way but which also occupies the airspace above the ground floor retail along the entire block's frontage on Shattuck Avenue. Below the hotel rooms along Shattuck Avenue is a row of commercial storefronts, as well as the entrance to the former commercial occupant, Shattuck Cinemas, which is now closed. The hotel consists of guest rooms, a restaurant, a bar, and meeting rooms.

Commercial uses are located along Shattuck Avenue north of and across from the project site. South of the project site on Shattuck Avenue and across Kittredge Street is the Berkeley Central Library, a City of Berkeley and National historic landmark. West of the project site across Harold Way are the Dharma College and the Mangalam Center, both City of Berkeley Landmarks. Commercial land uses and a public parking structure are located north of the project site across Allston Way. (See Figure 1: Zoning Map and Figure 2: Project Location.)

Building heights in the vicinity range from two to three-stories (portions of the Dharma College complex on Harold Way and U.S. Post Office along Kittredge Street) to the 12-story 2140–2144 Shattuck Avenue Chamber of Commerce Building (173 feet) and 14-story 2150 Shattuck Avenue First Savings/Great Western Building (180 feet). The adjacent Shattuck Hotel is five stories in height, not including the basement. Most buildings around the project site are in the two- to five-story range. One block north, around the intersection of Center Street and Shattuck Avenue, are several AC Transit and UC Berkeley Shuttle bus stops serving a number of bus lines, as well as the Downtown Berkeley BART Station on Shattuck Avenue between Allston Way and Addison Street.

B. Site Conditions/Background: The project site is a portion of the fully urbanized city block discussed above, which is generally level, sloping slightly downward towards the west and south. The project site is a single parcel that encompasses an entire City block with street frontage on Allston Way (north), Shattuck Avenue (east), Kittredge Street (south) and Harold Way (west) that is subdivided into condominium parcels A, B, and C of Parcel Map 6889. (See Figure 3: City Landmarks and Demolition Boundaries) The site is occupied by a City Landmark, The Shattuck Hotel, which has four primary components: the original hotel building constructed in 1910; 1913 hotel expansion and Hink's Department store addition facing Shattuck Avenue and Kittredge Street; 1926 Hink's expansion facing Kittredge and Harold Way; and the 1959 Hink's addition facing Harold Way and Allston Way. The 1913 expansion previously housed the Shattuck Cinema's movie theaters, part of the Habitot Children's Museum, and office space. Both the Shattuck Cinemas and Habitot spaces are currently vacant. All portions of the expansions proposed to be demolished are two stories in height with a partial third story and a basement level.

The project site is Unit B of the condominium subdivision, Parcel Map 6889, which was created December, 2020. Entitlements were previously obtained for the project site in 2015 (UP13-10000010 and LM13-40000002, under the address 2211 Harold Way) to demolish historic structures and construct an 18-story, 302-unit, mixed-use building, with approximately 10,877 square feet of commercial space, a ten-theater cinema complex, and 177 underground parking spaces. Building permits were never obtained for the project, and the City deemed the permits expired on January 17, 2020.

III. Project Description

A. The proposed project would demolish a portion of the City Landmark Shattuck Hotel (the 1913 expansion) and fully demolish the City Landmarks 1926 and 1959 Hink's department store expansions; and construct a mixed-use building with the following main components:

- Eight stories, 87 feet in height
- 183 dwelling units – 41 studios, 30 one-bedroom 101 two-bedroom, and 11 three-bedroom
- Four live/work units

- 583 bedrooms total
- Nine Very Low Income (VLI) units
- 4,993 square feet of ground-floor commercial space
- 11,916 square feet of usable open space – two ground-floor public plazas (off of Kittredge and Allston frontages) and a seventh-floor roof deck
- 43 residential vehicle parking spaces in ground-level garage (two carshare spaces)
- 122-space bike room

(See Figure 4, 5 and 6: Elevations.)

B. Base Project and Density Bonus: By committing to provide nine VLI units, the project is eligible for a density bonus under Government Code Section 65915. Under the City's density bonus procedures, the Base Project was calculated to have 163 units, as the maximum allowable density for the site.[1] The Base Project has an average unit size of 995 square feet in a 7-story building. Nine VLI units, or 5 percent of the Base Project, qualifies the project for a 20 percent density bonus or 33 bonus units, of which the project would utilize 24. The resulting Proposed Project would be an eight-story building with 187 units, with an average unit size of 997 square feet. (See Table 5: Density Bonus.)

Table 5: Density Bonus – CA Gov't Code 65915

Base Project Units*	Qualifying Units	Percent Density Bonus	Number of Density Bonus Units*	Proposed Project Units
163	9 VLI (5% of BP)	20%	24 (33 max.) (20%x163)	187
*Per Gov't Code 65915(q), all unit calculations are rounded up to the nearest whole number.				

C. Housing Accountability Act: The Housing Accountability Act (HAA), California Government Code Section65589.5(j), requires that when a proposed housing development complies with the applicable, objective general plan and zoning standards, but a local agency proposes to deny the project or approve it only if the density is reduced, the agency must base its decision on written findings supported by substantial evidence that:

1) The development would have a specific adverse impact on public health or safety unless disapproved, or approved at a lower density; and
2) There is no feasible method to satisfactorily mitigate or avoid the specific adverse impact, other than the disapproval, or approval at a lower density.

[1] Per the City's Density Bonus Procedures (DBP), the Base Project is the largest project allowed on the site that is fully compliant with district development standards (i.e. height, setbacks, usable open space, parking, etc.), or, the *maximum allowable density* for the site. The City uses the DBP to calculate the maximum allowable density for a site where there is no density standard in the zoning district, and to determine the number of units in the Proposed Project, which is the number of Base Project units plus the number of density bonus units that can be added according to the percentage of BMR units proposed, per Government Code, §65915(f).

The Base Project complies with applicable, objective general plan and zoning standards. Further, Section 65589.5(j)(3) provides that a request for a density bonus "shall not constitute a valid basis on which to find a proposed housing development project is inconsistent, not in compliance, or not in conformity, with an applicable plan, program, policy, ordinance, standard, requirement, or other similar provision specified in this subdivision." Therefore, the City may not deny the Base Project or density bonus request or reduce the density with respect to those units without basing its decision on the written findings under Section 65589.5(j), above. Staff is aware of no specific adverse impacts that could occur with the construction of the Base Project or the density bonus units. Therefore, Section 65589.5(j) ***does apply*** to the Proposed Project. All findings discussed below are subject to the requirements of Government Code Section 65589.5.

IV. Community Discussion

A. Neighbor/Community Concerns: Prior to submitting the application to the City on October 25, 2021, the applicant installed yellow Proposed Development Project signs at the project site.

October 6, 2021 a neighborhood outreach meeting was held by the applicant. Four members of the public attended and discussed questions about: construction timeline and noise mitigation, shared service access on the alley at Allston Way; the extent of the demolition and impact to internal circulation in the existing buildings to remain; the proposed retail and shared utilities with existing buildings to remain; and exterior materials and finishes.

On March 2, 2022, staff received a letter from a neighbor raising concerns over the demolition of a portion of the Shattuck Cinemas. On April 20 and 21, 2022, prior to the Design Review Committee referral meeting, staff received two letters letter from neighbors raising similar concerns about the demolition of the movie theater, and the loss of a "cultural resource".

On September 8, 2022, the City mailed public hearing notices to property owners and occupants, and to interested neighborhood organizations, and posted notices within the neighborhood in three locations. No further communications regarding the project were received as of the writing of this staff report.

B. Design Review Committee Referral and Landmarks Preservation Commission: In accordance with BMC Section 3.24.200 of the Landmarks Preservation Ordinance and BMC Section 23.406.070 of the Zoning Ordinance, the Landmarks Preservation Commission (LPC) must grant approval of the proposed demolition and complete Design Review for the new development under a Structural Alteration Permit, because the new construction shares the site with the landmarked structures. The project proposes to demolish the rear portion of the Shattuck Hotel (1913 expansion) and the 1926 and 1959 Hink's department store expansions. All are components of the designated Shattuck Hotel City Landmark, and two structures – the 1913 and 1926 expansions – are eligible for listing on the National Register of Historic Places as well

as the California Register of Historic Resources.[2] Staff referred the project to the Design Review Committee (DRC) to obtain advisory comments on the design of the new building and its adherence to the Downtown Design Guidelines for consideration by both the ZAB and LPC.

The DRC met to review the project on April 21, 2022, and forwarded comments and recommendations for improvements to the project design. The applicant made revisions per DRC recommendations and the revised project was reviewed by the LPC under the Structural Alteration Permit (LMSAP2021-0004) on June 2, 2022 and August 4, 2022.

At the August 4, 2022 meeting, the LPC approved the Structural Alteration Permit (SAP) for demolition and new construction at the Shattuck Hotel site, adopted an Addendum to a previous EIR, and conditioned further refinements for Final Design Review (Vote: 5-2-1-1). The SAP Findings and Conditions can be found at this link. Further revisions to the project were made based on comments received from the LPC at this meeting, including the elimination of one unit (two bedrooms), the addition of 812 square feet of commercial area, and other minor revisions. (See Attachment 2.) The revisions did not affect the conclusion of the EIR Addendum (discussed in section V.B).

V. Environmental Review

A. CEQA Approach: Pursuant to Section 15164 of the CEQA Guidelines, codified in Sections 15000 et seq. of Title 14 of the California Code of Regulations, a lead agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary but none of the conditions described in Section 15612 calling for preparation of a subsequent EIR have occurred. Under Section 15162 (a), where an EIR has been certified for a project, no subsequent EIR shall be prepared for the project unless the lead agency determines, on the basis of substantial evidence in light of the whole record, that there are substantial changes in the project or circumstances or substantially important new information that will cause the project to have significant new impacts or substantially increase previously identified significant impacts.

As discussed in detail in the EIR Addendum, potential impacts associated with the modified project (the proposed changes compared to the project evaluated in the Final EIR) are consistent with potential impacts characterized and mitigated for in the Final EIR. Substantive revisions to the Final EIR are not necessary because no new significant impacts or significant impacts of substantially greater severity than previously described would occur. Thus, the conditions outlined in CEQA Guidelines Section 15162 requiring preparation of a subsequent EIR would not be met.

B. EIR Addendum and Revised MMRP: An Addendum to the 2211 Harold Way Mixed-Use Project (UP 13-10000010) Final EIR, which was certified in December 2015, was prepared to evaluate the potentially significant environmental impacts of the proposed

[2] The 1959 Hink's expansion does not have cultural resource status pursuant to CEQA.

project, pursuant to the California Environmental Quality Act. The Addendum considered the Final EIR and Statement of Overriding Considerations, and evaluated the modified project (see Figure 7). The modified project was found to be smaller and less impactful than the Final EIR project. The impacts related to demolition and alteration of historic buildings, would remain significant and unavoidable, and the same overriding considerations would apply to the modified project, except that the project is no longer required to provide community benefits, and cultural resource impacts were addressed in the modified design.

Figure 7: Changes to Previously Approved Project (from EIR Addendum)

Project Characteristic	Previously Approved Project	Updated Project
Total Building Size	**389,470 sf**	**220,982 sf**
Residential	278,185 sf	149,678 sf[1]
Retail	10,535 sf	4,181 sf[2]
Cinema	21,641 sf	N/A
Parking	79,109 sf	20,881 sf
Building Height	180 feet; 18 stories	87 feet; 8 stories
Total Residential Units	**302 units[3]**	**188 units[4]**
Studio	76 units	41 units
1-Bedroom	145 units	31 units
2-Bedroom	75 units	101 units
3-Bedroom	6 units	11 units
Live/Work	N/A	4 units
Affordable Units	28 units	9 units
Open Space		
Private Roof Terrace	16,406 sf	2,930 sf
Private Balconies	9,762 sf	N/A
Public Open Space	713 sf	9,186 sf[5]
Outdoor deck	18th floor, 4,354 sf	N/A
Cinema	641 seats 10 screening rooms	Demolished
Main Pedestrian Entrance	Corner of Kittredge Street and Harold Way	Kittredge Street between Harold Way and Shattuck Avenue
Parking	**3 subterranean levels**	**1 subterranean level**
Automobile	171 spaces	43 spaces
Bicycle	100 spaces	129

[1]Includes 9,019 sf of indoor residential amenity and 2,946 sf of elevated roof terrace amenity

[2]Includes 2,666 sf retail suite (coffee shop) and 1,515 sf work space in live/work units

[3]Units were approved to range in size from 474 sf to 1,103 sf.

[4]Units would range in size from 295 sf to 1,374 sf.

[5]Includes a 6,186 sf public plaza on Kittredge Street and a 3,000 sf public plaza on Allston Way

sf = square feet

The Addendum described the changes in the modified project, and addressed the following issues in detail: Air Quality, Cultural Resources, Greenhouse Gas Emissions, Noise, Transportation, and Utilities and Service Systems. All other environmental issues were evaluated for impact from the modified project as well, with the conclusion that impacts to these areas would be less than significant with mitigation, similar to the original project. For each of the above-listed areas of evaluation, the EIR Addendum findings supported the conclusion that impacts from the modified project would not result in new significant effects or a substantial increase in the severity of previously identified significant effects on the environment. Therefore, no new mitigation measures would be necessary for any of these evaluated areas. Furthermore, several mitigation measures for Cultural Resources are no longer required, as discussed below.

Cultural Resources. No new or substantially more severe significant effects would occur to cultural resources, and no new mitigation measures would be necessary. Design changes in the modified project include a reduction in building height, design strategies to break up massing with varied rooflines and materials, and the projection of the second-floor level above the double-height street level, aligning with the cornice of the 1912 portion of the Shattuck Hotel. These design modifications have responded to the design measures adopted in Mitigation Measures CR-2(a), (b) and (c) of the Final EIR; therefore the measures do not apply to the modified project. In particular, the modified project avoids impact to the Allston Way elevation, in response to Mitigation Measure CR-2(a); the redesign of the Kittredge Street “hyphen” responds to Mitigation Measure CR-2(b); and the removal of large-scale use of aluminum glazing systems responds to Mitigation Measure CR-2(c).

In conclusion, similar to the original project, cultural resource impacts from the modified project would be less than significant with mitigation, with the exception of impacts related to demolition and alteration of historic buildings, which would remain significant and unavoidable. Mitigation Measures CR-2(a) through (c) would be removed from the Mitigation Monitoring and Reporting Program (MMRP). All other measures adopted in the Final EIR for the purposes of mitigating cultural resources impacts remain applicable.

As mentioned in section IV.B, revisions to the project were made after the LPC meeting on August 4, 2022, including the elimination of one unit (two bedrooms), the addition of 812 square feet of commercial area, and other minor revisions. The City reviewed the revised plans and concluded that the revisions did not change the conclusion of the EIR Addendum (see Attachment 4).

Public Resources Code Section 21081.6 and CEQA Guidelines Section 15091(d) require the City to adopt a reporting or monitoring program for the changes to the project that it has adopted or made a condition of approval in order to avoid or substantially lessen significant effects on the environment. The monitoring program is designed to ensure compliance during project implementation. The MMRP for the 2211 Harold Way Mixed-Use Project Final EIR has been revised to reflect the changes

to the mitigation measures that were described in the Addendum. The revised MMRP is attached to the permit (see Attachment 1, Exhibit B).

VI. Issues and Analysis

A. SB 330 – Housing Crisis Act of 2019: The Housing Crisis Act, also known as Senate Bill 330, seeks to boost homebuilding throughout the State with a focus on urbanized zones by expediting the approval process for and suspending or eliminating restrictions on housing development projects. A "housing development project" means a use that is: all residential; mixed use with at least two-thirds of the square footage as residential; or transitional or supportive housing. Sections of SB 330 that apply to the proposed project include the following:

1. Government Code Section 65905.5(a) states that if a proposed housing development project complies with the applicable, objective general plan and zoning standards in effect at the time an application is deemed complete, then the city shall not conduct more than five hearings in connection with the approval of that housing development project. This includes all public hearings in connection with the approval of the housing development project and any continuances of such public hearings. The city must consider and either approve or disapprove the project at any of the five hearings consistent with applicable timelines under the Permit Streamlining Act [Chapter 4.5 (commencing with Section 65920)].

   The September 22, 2022 ZAB Hearing represents the fourth public hearing for the proposed project since the project was deemed complete. The City can hold one additional public hearing on this project, if needed. That hearing must be reserved for a potential appeal to the City Council.

2. Government Code Section 65913.10(a) requires that the City determine whether the proposed development project site is an historic site at the time the application for the housing development project is deemed complete. The determination as to whether the parcel is an historic site must remain valid during the pendency of the housing development project, unless any archaeological, paleontological, or tribal cultural resources are encountered during any grading, site disturbance, or building alteration activities.

   As discussed in Section IV.B, the structures proposed to be demolished – the rear portion of the Shattuck Hotel (1913 expansion) and the 1926 and 1959 Hink's department store expansions – components of the designated Shattuck Hotel City Landmark, and two structures – 1913 and 1926 expansions – are eligible for listing on the National Register of Historic Places as well as the California Register of Historic Resources. Since the project would involve demolition of these historic resources, and an EIR was previously prepared in 2015 for a project proposal with a similar demolition scope, the City determined that an EIR Addendum was required to evaluate the modified project's impacts on the historic resources. (See Section V for more information regarding the CEQA review). Further, standard

conditions of approval have been included to halt work if any unanticipated discovery of archeological, paleontological, or tribal cultural resources.

3. Government Code 65950(a)(2) requires a public agency to approve or disapprove a project within 90 days from the date of certification by the lead agency of the environmental impact report for a housing development project. The project was deemed complete on June 1, 2022. An EIR was certified in December 2015 for a similar project on the project site, and Staff determined on this date that the appropriate level of CEQA review was preparation of an EIR Addendum to evaluate the modified project's impacts on the environment. (See Section V for details on the CEQA Approach and EIR Addendum.) Therefore, this section does not apply to the project.

4. Government Code Section 66300(d) prohibits the demolition of residential dwelling units unless the project will create at least as many residential units as will be demolished. The project does not propose the demolition of housing units. Therefore, this section does not apply to the project.

B. Density Bonus Waivers and Concessions: The project is entitled to one concession (or incentive), under Government Code Section 65915(d) for providing at least 5 percent of total units to very low-income households, and an unlimited number of waivers, under Section 65915(e).

Concession. A concession or incentive is a modification of a zoning code requirement that results in identifiable and actual cost reductions to provide for affordable housing costs. The applicant is requesting one concession to reduce the Usable Open Space requirement to eliminate the cost of providing an additional roof deck or balconies.

The City may only deny the concessions if it finds that the concessions would have a specific adverse impact upon public health and safety, or the physical environment, or on any real property listed in the California Register of Historical Resources, and there is no feasible method to satisfactorily mitigate or avoid the specific adverse impact[3] without rendering the development unaffordable to low income, very low income, and moderate-income households, or if the concession would be contrary to State or Federal law. Staff has identified no basis for making such a finding.

Waiver. A waiver is a modification of a development standard that would otherwise physically preclude the construction of the project with the permitted density bonus and concessions. Waivers for height (maximum height and rooftop projections), setbacks, commercial parking, and the amount of landscaped open space are requested because they are necessary to physically accommodate the full density bonus project on the site.

[3] A "specific, adverse impact" means "a significant, quantifiable, direct, and unavoidable impact, based on objective, identified written public health or safety standards, policies, or conditions as they existed on the date the application was deemed complete."

The City may only deny the waivers if it finds that the waivers would have a specific adverse impact upon public health and safety, or the physical environment, or on any real property listed in the California Register of Historical Resources, and there is no feasible method to satisfactorily mitigate or avoid the specific adverse impact without rendering the development unaffordable to low income, very low income, and moderate income households, or if the waiver would be contrary to State or Federal law. Staff has not identified any evidence that would support such a finding.

VI. Other Considerations

The following analyses of conformance with district purposes, use permit findings for non-detriment, and the 2002 General Plan goals and policies are provided for informational purposes only, to provide context; they are not required because the proposed project is HAA-compliant.

A. Use Permit for Demolition of Commercial Structures: Pursuant to BMC Section 23.326.070(A), in order to approve a Use Permit to demolish a commercial structure, the Board must make the findings in BMC Section 23.326.070(D)(2), including the finding that the demolition would not be materially detrimental to the commercial needs and public interest of any affected neighborhood of the City, and if demolishing a building more than forty years old, the LPC, upon review, does not recommend against granting the permit.

The proposed demolition of the rear portion of the Shattuck Hotel (1913 expansion) and the 1926 and 1959 Hink's department store expansions would not be materially detrimental to the commercial needs and public interest of the neighborhood because the proposed project would provide replacement commercial floor area, public open space, and new dwelling units within a mixed-use building that would bring more diversity of services to residents and workers in the vicinity and new housing to the neighborhood and the City at large. The existing structures to be demolished contain approximately 95,000 square feet of office, food service, and cinema uses. These uses would be replaced by approximately 4,993 square feet of commercial space (retail, food service, and live/work), 183 units of new residential units (four live/work units), and approximately 4,600 square feet in two privately-owned plazas (at Allston and Kittredge) that would be open for public use. The demolition is required in order to allow the proposed new mixed-use project to be built. The structures that are proposed for demolition are two stories in height with a basement level, and can be considered to be underutilized, as the DAP identifies two-story buildings near BART as Potential Development Opportunity Sites.

Further, as described above in Section IV.B., the proposed demolition referral and SAP were approved by the LPC on August 4, 2022.

A. Findings for Use Permits in C-DMU District: Pursuant to BMC Section 23.204.130(I), in order to approve any Use Permit in the district, the Board must make the findings that the proposed use or structure:

1. Is compatible with the purposes of the district:

   The project would include 183 housing units, four live/work units, 4,993 square feet of ground floor commercial uses in Downtown Berkeley and within walking distance of the University of California. It is located in an area that is well served by transit; the Downtown Berkeley BART station is within one block of the site, and multiple AC Transit lines run on Shattuck Avenue and University Avenue. The Project is within the C-DMU Downtown Mixed-Use District, and as per Provisions of the BMC, the purpose of this district is to implement the vision and goals of the Downtown Area Plan (adopted 2012), which include: Environmental Sustainability, Land Use, Access, Historic Preservation and Urban Design, Streets and Open Space, Housing and Community Health and Services, and Economic Development.

   - Environmental Sustainability and Access: DAP Goals ES-3, UL-1 AC-1, AC-4. The project provides higher-density development in proximity to regional transit, shops and amenities, and it would improve options to increase access to Downtown on foot, by bicycle and via transit would promote transit as an efficient and attractive choice through its location and through its Transportation Demand Management Plan and other associated Conditions of Approval.
   - Land Use: DAP Goal LU-1 (Policies LU-1.1 and LU-1.3). The Project will include residential, and commercial uses that allow people who live, work and learn in the Downtown to meet daily needs on foot.
   - Historic Preservation and Urban Design: The LPC referred the project to DRC for design review recommendations, and considered the project in relation to its urban context, focusing on the application of the Downtown Design Guidelines, which implement the objectives and policies of the Historic Preservation and Urban Design chapter of the DAP. The LPC approved the SAP with findings for consistency with Landmarks Preservation, the Secretary of Interior standards for rehabilitation, and DAP design review standards. (See section IV.B for details.)
   - Streets and Open Space: DAP Goal OS-1. The project would enhance public open spaces and streets to benefit pedestrians, improve Downtown's livability, and foster a sense of place.
   - Housing and Community Health and Services: DAP Goals HC-1, HC-2, HC-3. The project would encourage Downtown as a thriving, livable, diverse residential neighborhood with a mix of supportive uses, and play a significant role in meeting Berkeley's continuing need for additional housing.
   - Economic Development: DAP Goal ED-1. The project would serve the needs of the neighborhood and the City, make Downtown a more attractive regional destination, by promoting successful retail businesses and other attractions, with daytime and night-time populations to support them.

2. Is compatible with surrounding uses and buildings.

The project site currently includes office and retail uses. (Previous cinema and museum uses no longer occupy the site.) The proposed project would change uses

on the site to ground-floor commercial (retail and food service) and residential uses above. Uses on the surrounding properties include retail, public parking, office, library, hotel, and residential. The project would not introduce new land uses that do not already exist in the Downtown, and as described above, would further the vision and goals of the DAP.

As noted above, the DRC forwarded a positive recommendation for the project design, and the LPC voted to approve the SAP, with findings for consistency with Landmarks Preservation, the Secretary of Interior standards for rehabilitation, and DAP design review standards.

B. General Non-Detriment Finding: BMC Section 23.406.040 states that before the ZAB approves an application for a Use Permit, it must find that the project, under the circumstances of this particular case existing at the time at which the application is granted, would not be detrimental to the health, safety, peace, morals, comfort, and general welfare of the persons residing or working in the neighborhood of such proposed use or be detrimental or injurious to property and improvements of the adjacent properties, the surrounding area or neighborhood, or to the general welfare of the City.

Shadows: According to the shadow studies submitted for the project (See Attachment 2, Project Plans – Sheets A3-301 through A3-303). New shadow impacts would occur in the summer months, affecting commercial buildings on adjacent blocks to the west (Dharma College) and south (Downtown city public library) of the project site and the commercial buildings (offices and Shattuck hotel) that share the city block with the project site. New shadow impacts would also occur in the winter months, affecting commercial buildings on adjacent blocks to the northeast and north of the project site (YMCA, parking, and Walgreens) and the commercial buildings that share the city block with the project site (offices and Shattuck hotel). No residential buildings would be affected by new shadows from the project.

Non-Detriment: The project is subject to the City's standard conditions of approval regarding construction noise and air quality, waste diversion, toxics, and stormwater requirements, thereby ensuring the project would not be detrimental to the health, safety, peace, morals, comfort or general welfare of persons residing or working in the area or neighborhood of such proposed use or be detrimental or injurious to property and improvements of the adjacent properties, the surrounding area or neighborhood or to the general welfare of the City.

VI. Recommendation

Because of the project's consistency with the Zoning Ordinance and General Plan, and minimal impact on surrounding properties, staff recommends that the Zoning Adjustments Board:

A. **ADOPT** the EIR Addendum and Revised Mitigation Monitoring and Reporting Program (MMRP)

B. **APPROVE** Use Permit ZP2021-0193, pursuant to BMC Section 23.406.040 and subject to the attached Findings and Conditions and MMRP (see Attachment 1, Exhibit A and B).

Attachments:

1. Findings and Conditions
   a. Exhibit A, Findings and Conditions
   b. Exhibit B, Mitigation Monitoring and Reporting Program, Revised July 2022
   c. The SAP Findings and Conditions document is available at this link: https://berkeleyca.gov/sites/default/files/legislative-body-meeting-agendas/2022-08-04_LPC_Agenda_linked_0.pdf
2. Project Plans, received September 1, 2022
3. EIR Addendum for 2065 Kittredge Mixed-Use Project
   The 2211 Harold Mixed-Use Project Final EIR and Statement of Overriding Considerations are available at this link: https://aca.cityofberkeley.info/CitizenAccess/Default.aspx. Click on Zoning tab; enter permit number ZP2021-0193; select permit ZP2021-0193; click on the “Record Info” drop down menu; click on Attachments for a list of all application materials.
4. Supplemental Analysis Memorandum to EIR Addendum, dated September 8, 2022
5. Notice of Public Hearing

Staff Planner: Sharon Gong, sgong@cityofberkeley.info, (510) 981-7429

ATTACHMENT 1, EXHIBIT A

FINDINGS AND CONDITIONS
SEPTEMBER 22, 2022

2065 Kittredge Street

Use Permit #ZP2021-0193 to demolish portions of existing City Landmark commercial buildings and construct an 8-story, mixed-use building with 187 dwelling units (including four live/work units and nine Very Low-Income units), 4,993 square feet commercial space and 43 parking spaces. Project utilizes State Density Bonus.

PERMITS REQUIRED

- Use Permit under BMC Section 23.326.070(A) to demolish a non-residential building
- Use Permit under BMC Section 23.204.020(A) to construct a new mixed-use development
- Use Permit under BMC Section 23.204.020(A) to construct dwelling units
- Use Permit under BMC Section 23.204.030(B)(1) to create new floor area of 10,000 square feet or more
- Use Permit under BMC Section 23.204.130(E)(1) to exceed the maximum building height limits, up to 75 feet (plus 5-foot parapet, by right)

CONCESSIONS/WAIVERS UNDER GOVERNMENT CODE SECTION 65915-65918

- Concession to reduce the usable open space requirement – to provide 11,916 square feet where 14,960 square feet is required
- Waiver of BMC Section 23.204.130(E)(1) to exceed building height limits – to be 87 feet (plus 5-foot parapet, by right), where 75 feet is the limit (plus 5-foot parapet, by right, with a use permit)
- Waiver of BMC Section 23.204.130(E)(3) to reduce setbacks to 0 feet, where 15 feet is required, where above 75 feet in height
- Waiver of BMC Section 23.204.130(E)(3) to increase front setback maximum to 0-20 feet, where 5 feet is required, at 0-20-foot building height
- Waiver of BMC Section 23.304.090(B)(7) to reduce the landscaped usable open space to 25 percent, where from 40 percent minimum is required
- Waiver of BMC Section 23.304.050(A) to exceed building height limits with rooftop architectural elements which exceed the maximum height limit for the district
- Waiver of BMC Section 23.322.030(B)(1) to reduce the minimum commercial parking requirement to zero, where eight is required

I. CEQA FINDINGS

1. Pursuant to the California Environmental Quality Act (CEQA), the City prepared an EIR Addendum for this Project.

A. CEQA Approach: Pursuant to Section 15164 of the CEQA Guidelines, codified in Sections 15000 et seq. of Title 14 of the California Code of Regulations, a lead agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary but none of the conditions described in Section 15612 calling for preparation of a subsequent

EIR have occurred. Under Section 15162(a), where an EIR has been certified for a project, no subsequent EIR shall be prepared for the project unless the lead agency determines, on the basis of substantial evidence in light of the whole record, that there are substantial changes in the project or circumstances or substantially important new information that will cause the project to have significant new impacts or substantially increase previously identified significant impacts.

As discussed in detail in the EIR Addendum, potential impacts associated with the modified project (the proposed changes compared to the project evaluated in the Final EIR) are consistent with potential impacts characterized and mitigated for in the Final EIR. Substantive revisions to the Final EIR are not necessary because no new significant impacts or significant impacts of substantially greater severity than previously described would occur. Thus, the conditions outlined in CEQA Guidelines Section 15162(a) requiring preparation of a subsequent EIR would not be met.

B. EIR Addendum and Revised MMRP: An Addendum to the 2211 Harold Way Mixed-Use Project (UP 13-10000010) Final EIR, which was certified in December 2015, was prepared to evaluate the potentially significant environmental impacts of the proposed project, pursuant to the California Environmental Quality Act. The Addendum considered the Final EIR and Statement of Overriding Considerations, and evaluated the modified project. The modified project was found to be smaller and less impactful than the Final EIR project. The impacts related to demolition and alteration of historic buildings, would remain significant and unavoidable, and the same overriding considerations would apply to the modified project, except that the project is no longer required to provide community benefits, and cultural resource impacts were addressed in the modified design.

The Addendum described the changes in the modified project, and addressed the following issues in detail: Air Quality, Cultural Resources, Greenhouse Gas Emissions, Noise, Transportation, and Utilities and Service Systems. All other environmental issues were evaluated for impact from the modified project as well, with the conclusion that impacts to these areas will be less than significant with mitigation, similar to the original project. For each of the above-listed areas of evaluation, the EIR Addendum findings supported the conclusion that impacts from the modified project will not result in new significant effects or a substantial increase in the severity of previously identified significant effects on the environment. Therefore, no new mitigation measures will be necessary for any of these evaluated areas. Furthermore, several mitigation measures for Cultural Resources are no longer required, as discussed below.

Cultural Resources. No new or substantially more severe significant effects will occur to cultural resources, and no new mitigation measures will be necessary. Design changes in the modified project include a reduction in building height, design strategies to break up massing with varied rooflines and materials, and the projection of the second-floor level above the double-height street level, aligning with the cornice of the 1912 portion of the Shattuck Hotel. These design modifications have responded to the design measures adopted in Mitigation Measures CR-2(a), (b) and (c) of the Final EIR**;** therefore the measures do not apply to the modified project. In particular, the modified project avoids impact to the Allston Way elevation, in response to Mitigation Measure CR-2(a); the redesign of the Kittredge Street “hyphen” responds to Mitigation Measure CR-2(b); and the

removal of large-scale use of aluminum glazing systems responds to Mitigation Measure CR-2(c).

In conclusion, similar to the original project, cultural resource impacts from the modified project will be less than significant with mitigation, with the exception of impacts related to demolition and alteration of historic buildings, which will remain significant and unavoidable. Mitigation Measures CR-2(a) through (c) will be removed from the Mitigation Monitoring and Reporting Program (MMRP). All other measures adopted in the Final EIR for the purposes of mitigating cultural resources impacts remain applicable.

Revisions to the project were made after the LPC meeting on August 4, 2022, including the elimination of one unit (two bedrooms), the addition of 812 square feet of commercial area, and other minor revisions. The City reviewed the revised plans and concluded that the revisions did not change the conclusions of the EIR Addendum.

Public Resources Code Section 21081.6 and CEQA Guidelines Section 15091(d) require the City to adopt a reporting or monitoring program for the changes to the project that it has adopted or made a condition of approval in order to avoid or substantially lessen significant effects on the environment. The monitoring program is designed to ensure compliance during project implementation. The MMRP for the 2211 Harold Way Mixed-Use Project Final EIR has been revised to reflect the changes to the mitigation measures that were described in the Addendum.

C. The Zoning Adjustments Board finds that the modified project's significant environmental impacts to cultural resources are acceptable in light of the project's benefits. These benefits were set forth in the statement of overriding considerations that was adopted in connection with the 2211 Harold Way project, and, with the exception of that statement's inclusion of benefits regarding maintaining a cinema and community benefits required per BMC Section 23.E.68.090.E for the tower aspect of that project, the benefits and considerations in that statement are applicable to the modified project. The benefits set forth therein constitute overriding considerations warranting approval of the modified project, independent of the other benefits, despite each and every unavoidable impact.

The EIR Addendum, 2211 Harold Mixed-Use Project Final EIR and Statement of Overriding Considerations are available at this link: https://aca.cityofberkeley.info/CitizenAccess/Default.aspx. Click on Zoning tab; enter permit number ZP2021-0193; select permit ZP2021-0193; click on the "Record Info" drop down menu; click on Attachments for a list of all application materials.

II. DENSITY BONUS FINDINGS

1. Pursuant to Government Code Section 65915, the Zoning Adjustments Board finds that:

A. Under the City's methodology for implementing density bonuses, the "base project" consists of 164 units;

B. The project will provide at least nine (9) Very Low-Income (VLI) qualifying units in the 163-unit "base project", as more fully set forth in Condition 70;

C. The project is entitled to a density increase of 20 percent over the otherwise maximum allowable residential density under the Zoning Ordinance and General Plan Land Use Element, under the requirements of Government Code Section 65915(b) and (f), plus one

concession or incentive. This equates to a density bonus of 24 units (33 units maximum) above the Base Project, for a total of 187 units.

2. In accordance with Government Code Section 65915(d) and (k), the Zoning Adjustments Board hereby grants the following concessions in order to provide for affordable housing costs:
   A. Concession to reduce the usable open space requirement – to provide 11,916 square feet where 14,960 square feet is required

3. In accordance with Government Code Section 65915(d), in order to allow construction of the proposed project with the density permitted under State law, the Zoning Adjustments Board finds that the approval of the concession is required to provide for affordable rents, as provided in Government Code Section 65915(d)(1)(A) because 1) approval of the concession will result in identifiable and actual cost reduction; 2) approval of the concession will not have a specific adverse impact upon public health and safety, or the physical environment, or on any real property listed in the California Register of Historical Resources; and 3) will not be contrary to State or Federal law.

4. In accordance with Government Code Section 65915(e) the Zoning Adjustments Board hereby grants the following waivers:
   A. Waiver of BMC Section 23.204.130(E)(1) to exceed building height limits – to be 87 feet (plus 5-foot parapet, by right), where 75 feet is the limit (plus 5-foot parapet, by right, with a use permit)
   B. Waiver of BMC Section 23.204.130(E)(3) to reduce setback to 0 feet, where 15 feet is required, where above 75 feet in height
   C. Waiver of BMC Section 23.204.130(E)(3) to increase front setback maximum to 0-20 feet, where 5 feet is required, at 0-20 foot building height
   D. Waiver of BMC Section 23.304.090(B)(7) to reduce the landscaped usable open space to 25 percent, where from 40 percent minimum is required
   E. Waiver of BMC Section 23.304.050(A) to exceed building height limits with rooftop architectural elements which exceed the maximum height limit for the district
   F. Waiver of BMC Section 23.322.030(B)(1) to reduce the minimum commercial parking requirement to zero, where 8 is required

   These waivers are required because state law requires the City to modify development standards as necessary to accommodate these density bonus units, and because the Zoning Adjustments Board hereby finds that the density bonus units can best be accommodated by granting these waivers.

5. In accordance with Government Code Section 65915(e), in order to allow construction of the proposed project with the density permitted under State law, the Zoning Adjustments Board finds approval of waivers is required 1) construct the proposed project at the density permitted under State law; 2) approval of requested waivers will not have a specific adverse impact upon public health and safety, or the physical environment, or on any real property listed in the California Register of Historical Resources; and 3) approval of the requested waivers will not be contrary to State or Federal law.

III. FINDINGS FOR APPROVAL

6. The Housing Accountability Act §65589.5(j) requires that when a proposed housing development complies with applicable, objective general plan and zoning standards, a local

agency may not deny the project or approve it with reduced density unless the agency makes written findings supported by substantial evidence that:

A. The development would have a specific adverse impact on public health or safety unless disapproved or approved at a lower density; and
B. There is no feasible method to satisfactorily mitigate or avoid the specific adverse impact, other than the disapproval or approval at a lower density.

The project includes construction of 187 dwelling units. Because the base project would comply with applicable, objective general plan and zoning standards, §65589.5(j) does apply to this project. No significant, quantifiable, direct and unavoidable impacts, based on objective, identified written public health or safety standards, polices, or conditions, have been identified by staff.

7. As required by Section 23.406.040(E)(1) of the BMC, the project, under the circumstances of this particular case existing at the time at which the application is granted, will not be detrimental to the health, safety, peace, morals, comfort, and general welfare of the persons residing or working in the neighborhood of such proposed use or be detrimental or injurious to property and improvements of the adjacent properties, the surrounding area or neighborhood, or to the general welfare of the City because:

A. The project is consistent with all applicable C-DMU District standards and qualifies for waivers and concessions for the listed district standards granted pursuant to State Density Bonus, Government Code, Section 65915;
B. Shadow impacts will affect commercial uses only, and will not affect residential uses; and
C. The project is subject to the City's standard conditions of approval regarding construction noise and air quality, waste diversion, toxics, and stormwater requirements, thereby ensuring the project will not be detrimental to the health, safety, peace, morals, comfort or general welfare of persons residing or working in the area or neighborhood of such proposed use or be detrimental or injurious to property and improvements of the adjacent properties, the surrounding area or neighborhood or to the general welfare of the City.

IV. OTHER FINDINGS FOR APPROVAL

8. As required by Section 23.326.070(D) of the BMC, the Zoning Adjustments Board finds that the proposed demolition of the existing building at 2065 Kittredge Street will not be materially detrimental to the commercial needs and public interest of any affected neighborhood or the City, and meets the finding that demolition is required to allow a proposed new building or other proposed new use.

9. As required by Section 23.204.130(I) of the BMC, the Zoning Adjustments Board finds that the proposed use or structure:

A. Is compatible with the purposes of the district to implement the vision and goals of the Downtown Area Plan:
   a. Environmental Sustainability and Access: DAP Goals ES-3, UL-1 AC-1, AC-4. The project provides higher-density development in proximity to regional transit, shops and amenities, and it will improve options to increase access to Downtown on foot, by bicycle and via transit will promote transit as an efficient and attractive choice through its location and through its Transportation Demand Management Plan and other associated Conditions of Approval.

b. Land Use: DAP Goal LU-1 (Policies LU-1.1 and LU-1.3). The Project will include residential, and commercial uses that allow people who live, work and learn in the Downtown to meet daily needs on foot.
c. Historic Preservation and Urban Design: The LPC referred the project to DRC for design review recommendations, and considered the project in relation to its urban context, focusing on the application of the Downtown Design Guidelines, which implement the objectives and policies of the Historic Preservation and Urban Design chapter of the DAP. The LPC approved the SAP with findings for consistency with Landmarks Preservation, the Secretary of Interior standards for rehabilitation, and DAP design review standards. (See section IV.B for details.)
d. Streets and Open Space: DAP Goal OS-1. The project will enhance public open spaces and streets to benefit pedestrians, improve Downtown's livability, and foster a sense of place.
e. Housing and Community Health and Services: DAP Goals HC-1, HC-2, HC-3. The project will encourage Downtown as a thriving, livable, diverse residential neighborhood with a mix of supportive uses, and play a significant role in meeting Berkeley's continuing need for additional housing.
f. Economic Development: DAP Goal ED-1. The project will serve the needs of the neighborhood and the City, make Downtown a more attractive regional destination, by promoting successful retail businesses and other attractions, with daytime and night-time populations to support them.

B. Is compatible with surrounding uses and buildings:
a. The project site currently includes office and retail uses. (Previous cinema and museum uses no longer occupy the site.) The proposed project will change uses on the site to ground-floor commercial (retail and food service) and residential uses above. Uses on the surrounding properties include retail, public parking, office, library, hotel, and residential. The project will not introduce new land uses that do not already exist in the Downtown, and as described above, will further the vision and goals of the DAP.
b. The DRC forwarded a positive recommendation for the project design, and the LPC voted to approve the SAP, with findings for consistency with Landmarks Preservation, the Secretary of Interior standards for rehabilitation, and DAP design review standards.

V. STANDARD CONDITIONS OF APPROVAL FOR ALL PROJECTS

The following conditions, as well as all other applicable provisions of the Zoning Ordinance, apply to this Permit:

1. Conditions and Mitigation Monitoring and Reporting Program Shall be Printed on Plans
The conditions of this Permit shall be printed on the *second* sheet of each plan set submitted for a building permit pursuant to this Use Permit, under the title 'Use Permit Conditions.' *Additional sheets* may also be used if the *second* sheet is not of sufficient size to list all of the conditions. The sheet(s) containing the conditions shall be of the same size as those sheets containing the construction drawings; 8-1/2" by 11" sheets are not acceptable.

2. Compliance Required (BMC Section 23.102.050)
All land uses and structures in Berkeley must comply with the Zoning Ordinance and all applicable City ordinances and regulations. Compliance with the Zoning Ordinance does not relieve an applicant from requirements to comply with other federal, state, and City regulations that also apply to the property.

3. Approval Limited to Proposed Project and Replacement of Existing Uses (BMC Sections 23.404.060.B.1 and 2)
A. This Permit authorizes only the proposed project described in the application. In no way does an approval authorize other uses, structures or activities not included in the project description.
B. When the City approves a new use that replaces an existing use, any prior approval of the existing use becomes null and void when permits for the new use are exercised (e.g., building permit or business license issued). To reestablish the previously existing use, an applicant must obtain all permits required by the Zoning Ordinance for the use.

4. Conformance to Approved Plans (BMC Section 23.404.060.B.4)
All work performed under an approved permit shall be in compliance with the approved plans and any conditions of approval.

5. Exercise and Expiration of Permits (BMC Section 23.404.060.C)
A. A permit authorizing a land use is exercised when both a valid City business license is issued (if required) and the land use is established on the property.
B. A permit authorizing construction is exercised when both a valid City building permit (if required) is issued and construction has lawfully begun.
C. The Zoning Officer may declare a permit lapsed if it is not exercised within one year of its issuance, except if the applicant has applied for a building permit or has made a substantial good faith effort to obtain a building permit and begin construction. The Zoning Officer may declare a permit lapsed only after 14 days written notice to the applicant. A determination that a permit has lapsed may be appealed to the ZAB in accordance with Chapter 23.410 (Appeals and Certification).
D. A permit declared lapsed shall be void and of no further force and effect. To establish the use or structure authorized by the lapsed permit, an applicant must apply for and receive City approval of a new permit.

6. Permit Remains Effective for Vacant Property (BMC Section 23.404.060.D)

Once a Permit for a use is exercised and the use is established, the permit authorizing the use remains effective even if the property becomes vacant. The same use as allowed by the original permit may be re-established without obtaining a new permit, except as set forth in Standard Condition #5 above.

7. Permit Modifications (BMC Section 23.404.070)

No change in the use or structure for which this Permit is issued is permitted unless the Permit is modified by the Board. The Zoning Officer may approve changes to plans approved by the Board, consistent with the Board's policy adopted on May 24, 1978, which reduce the size of the project.

8. Permit Revocation (BMC Section 23.404.080)

The City may revoke or modify a discretionary permit for completed projects due to: 1) violations of permit requirements; 2) Changes to the approved project; and/or 3) Vacancy for one year or more. However, no lawful residential use can lapse, regardless of the length of time of the vacancy. Proceedings to revoke or modify a permit may be initiated by the Zoning Officer, Zoning Adjustments Board (ZAB), or City Council referral.

9. Pay Transparency Acknowledgement (BMC Section 13.104.030)

Prior to the issuance of a building permit for any Project subject to this Chapter:

A. A Responsible Representative of the Permittee shall certify under penalty of perjury that: (1) the Permittee has reviewed Chapter 13.104 of the Berkeley Municipal Code; and (2) the Permittee will be responsible for demonstrating compliance with this Chapter.
B. The Permittee shall provide to the City a Contractor Pay Transparency Acknowledgment on a form approved by the City for this purpose. A Responsible Representative of the Permittee shall certify under penalty of perjury that the Contractor and all Qualifying Subcontractors performing work on the Project will comply with Chapter 13.104 of the Berkeley Municipal Code and with Labor Code sections 226(a) and 2810.5 for each employee who works on the Project.

10. Pay Transparency Attestations Following Project Completion (BMC Section 13.104.040)

Within 10 days of the approved final inspection of any Project subject to this Chapter, each Permittee shall provide to the City for each Contractor and Qualifying Subcontractor a Pay Transparency Attestation on a form approved by the City. On each Pay Transparency Attestation, a Responsible Representative of the Contractor or Qualifying Subcontractor shall attest under penalty of perjury that the Contractor or Qualifying Subcontractor complied with Chapter 13.104 of the Berkeley Municipal Code and Labor Code sections 226(a) and 2810.5 for each employee who performed work on the Project. The City will maintain Pay Transparency Attestation forms for period of at least three years after their date of receipt by the City.

11. Posting of Ordinance (BMC Section 13.104.050)

Each day work is performed on the Project, each Permittee shall post, and keep posted in a conspicuous location where it may be easily read by employees during the hours of the workday, a notice that: (A) contains the text of Chapter 13.104 of the Berkeley Municipal Code; (B) explains that workers can report violations of Labor Code sections 226 and 2810.5 to the Labor Commissioner of the State of California; and (C) provides current contact information, including office address, telephone number, and email address of the Labor Commissioner of the State of California.

12. Conditions of Approval (BMC Section 13.104.060)

The requirements of Sections 13.104.030 through 13.104.050 shall be included as conditions of approval of any Use Permit or Zoning Certificate for any Project that is subject to this Chapter. Failure to comply with the requirements of any provision of this Chapter shall be grounds for issuance of an administrative citation under Chapter 1.28 and/or the revocation or modification of any Use Permit issued for the Project under Chapter 23B.60.

13. Indemnification Agreement

The applicant shall hold harmless, defend, and indemnify the City of Berkeley and its officers, agents, and employees against any and all liability, damages, claims, demands, judgments or other losses (including without limitation, attorney's fees, expert witness and consultant fees and other litigation expenses), referendum or initiative relating to, resulting from or caused by, or alleged to have resulted from, or caused by, any action or approval associated with the project. The indemnity includes without limitation, any legal or administrative challenge, referendum or initiative filed or prosecuted to overturn, set aside, stay or otherwise rescind any or all approvals granted in connection with the Project, any environmental determination made for the project and granting any permit issued in accordance with the project. This indemnity includes, without limitation, payment of all direct and indirect costs associated with any action specified herein. Direct and indirect costs shall include, without limitation, any attorney's fees, expert witness and consultant fees, court costs, and other litigation fees. City shall have the right to select counsel to represent the City at Applicant's expense in the defense of any action specified in this condition of approval. City shall take reasonable steps to promptly notify the Applicant of any claim, demand, or legal actions that may create a claim for indemnification under these conditions of approval.

VI. ADDITIONAL CONDITIONS IMPOSED BY THE ZONING ADJUSTMENTS BOARD

Pursuant to BMC 23.406.040.E, the Zoning Adjustments Board attaches the following additional conditions to this Permit:

Prior to Submittal of Any Building Permit:

14. Project Liaison. The applicant shall include in all building permit plans and post onsite the name and telephone number of an individual empowered to manage construction-related complaints generated from the project. The individual's name, telephone number, and responsibility for the project shall be posted at the project site for the duration of the project in a location easily visible to the public. The individual shall record all complaints received and actions taken in response, and submit written reports of such complaints and actions to the project planner on a weekly basis. **Please designate the name of this individual below:**

☐ **Project Liaison** _____
Name Phone #

15. Final Geotechnical Report. The Project Geotechnical Consultant shall coordinate with the project team and complete the analysis necessary to provide final recommendations and a signed and stamped report for the proposed project. Final recommendations shall consider final floor elevations and potential grading concepts. The final report shall include specifications for engineered fill for basement backfill where shallow footings may be proposed, and provide recommended bearing pressures for footings embedded into this engineered fill, if applicable. The applicant shall consider the benefits of drilling a boring along the northern side of the

property to investigate the subsurface conditions in the vicinity of the historic Strawberry Creek channel and installing and monitoring a piezometer(s) to better document groundwater conditions before and during construction. The Final Geotechnical Report shall be compiled, signed and stamped by the Project Geotechnical Consultant and submitted to the City for review by the City Geotechnical Consultant and City Engineer as part of building permit plan check.

16. Geotechnical Plan Review. The applicant's geotechnical consultant shall review and approve all geotechnical aspects of the final project building and grading plans (i.e., site preparation and grading including removal and replacement/treatment of expansive soils, site surface and subsurface drainage improvements including site runoff discharge, and design parameters for foundations and retaining walls, etc.,) to ensure that their recommendations have been properly incorporated and to ensure that the project concept has not changed significantly since preparation of their report. The results of the plan review should be summarized by the geotechnical consultant in a letter and submitted to the City Engineer for review and approval prior to issuance of building permits.

17. Vapor Intrusion. Submit a vapor intrusion report (including subslab vapor samples and indoor air samples at the northwestern portion of the basement level of the Site) to the Toxics Division for review. See the project Phase I report, dated February 5, 2021 for details on the required report scope.

18. Final Design Review. The Project requires approval of a Final Design Review application by the Design Review Committee.

19. Address Assignment. The applicant shall file an “Address Assignment Request Application” with the Permit Service Center (1947 Center Street) for any address change or new address associated with this Use Permit. The new address(es) shall be assigned in accordance with BMC 16.28.030, and entered into the City’s database after the building permit is issued but prior to final inspection.

20. Construction Noise Reduction Program. The applicant shall develop a site-specific noise reduction program prepared by a qualified acoustical consultant to reduce construction noise impacts to the maximum extent feasible, subject to review and approval of the Zoning Officer. The noise reduction program shall include the time limits for construction listed above, as measures needed to ensure that construction complies with BMC Section 13.40.070. The noise reduction program should include, but shall not be limited to, the following available controls to reduce construction noise levels as low as practical:

A. Construction equipment should be well maintained and used judiciously to be as quiet as practical.
B. Equip all internal combustion engine-driven equipment with mufflers, which are in good condition and appropriate for the equipment.
C. Utilize “quiet” models of air compressors and other stationary noise sources where technology exists. Select hydraulically or electrically powered equipment and avoid pneumatically powered equipment where feasible.
D. Locate stationary noise-generating equipment as far as possible from sensitive receptors when adjoining construction sites. Construct temporary noise barriers or partial enclosures to acoustically shield such equipment where feasible.
E. Prohibit unnecessary idling of internal combustion engines.

F. If impact pile driving is required, pre-drill foundation pile holes to minimize the number of impacts required to seat the pile.
G. Construct solid plywood fences around construction sites adjacent to operational business, residences or other noise-sensitive land uses where the noise control plan analysis determines that a barrier would be effective at reducing noise.
H. Erect temporary noise control blanket barriers, if necessary, along building facades facing construction sites. This mitigation would only be necessary if conflicts occurred which were irresolvable by proper scheduling. Noise control blanket barriers can be rented and quickly erected.
I. Route construction related traffic along major roadways and away from sensitive receptors where feasible.

21. Damage Due to Construction Vibration**.** The project applicant shall submit screening level analysis prior to, or concurrent with demolition building permit. If a screening level analysis shows that the project has the potential to result in damage to structures, a structural engineer or other appropriate professional shall be retained to prepare a vibration impact assessment (assessment). The assessment shall take into account project specific information such as the composition of the structures, location of the various types of equipment used during each phase of the project, as well as the soil characteristics in the project area, in order to determine whether project construction may cause damage to any of the structures identified as potentially impacted in the screening level analysis. If the assessment finds that the project may cause damage to nearby structures, the structural engineer or other appropriate professional shall recommend design means and methods of construction that to avoid the potential damage, if feasible. The assessment and its recommendations shall be reviewed and approved by the Building and Safety Division and the Zoning Officer. If there are no feasible design means or methods to eliminate the potential for damage, the structural engineer or other appropriate professional shall undertake an existing conditions study (study) of any structures (or, in case of large buildings, of the portions of the structures) that may experience damage. This study shall

- establish the baseline condition of these structures, including, but not limited to, the location and extent of any visible cracks or spalls; and
- include written descriptions and photographs.

The study shall be reviewed and approved by the Building and Safety Division and the Zoning Officer prior to issuance of a grading permit. Upon completion of the project, the structures (or, in case of large buildings, of the portions of the structures) previously inspected will be resurveyed, and any new cracks or other changes shall be compared to pre-construction conditions and a determination shall be made as to whether the proposed project caused the damage. The findings shall be submitted to the Building and Safety Division and the Zoning Officer for review. If it is determined that project construction has resulted in damage to the structure, the damage shall be repaired to the pre-existing condition by the project sponsor, provided that the property owner approves of the repair.

22. Compliance with Conditions and Environmental Mitigations. The building permit application is subject to verification of compliance to the adopted **Mitigation Monitoring and Reporting Program (Attachment - Exhibit B).** The applicant shall be responsible for demonstrating compliance with all conditions of approval and mitigation measures per the timeline set forth by this use permit. The applicant shall deposit $10,000 with the City, or less with the approval of the Zoning Officer, to pay for the cost of monitoring compliance with these Conditions of Approval

and other applicable conditions and regulations. Should compliance-monitoring expenses exceed the initial deposit, the applicant shall deposit additional funds to cover such additional expenses upon the request of the Zoning Officer; any unused deposit will be refunded to the applicant.

Prior to Issuance of Any Building & Safety Permit (Demolition or Construction)

23. Fee Deferrals. All zoning project application fees that were deferred at the time of application submittal shall be paid in full.

24. Construction Noise Management - Public Notice Required. At least two weeks prior to initiating any construction activities at the site, the applicant shall provide notice to businesses and residents within **500 feet** of the project site. This notice shall at a minimum provide the following: (1) project description, (2) description of construction activities during extended work hours and reason for extended hours, (3) daily construction schedule (i.e., time of day) and expected duration (number of months), (4) the name and phone number of the Project Liaison for the project that is responsible for responding to any local complaints, and (5) that construction work is about to commence. The liaison would determine the cause of all construction-related complaints (e.g., starting too early, bad muffler, worker parking, etc.) and institute reasonable measures to correct the problem. A copy of such notice and methodology for distributing the notice shall be provided in advance to the City for review and approval.

25. Construction Phases. The applicant shall provide the Zoning Officer with a schedule of major construction phases with start dates and expected duration, a description of the activities and anticipated noise levels of each phase, and the name(s) and phone number(s) of the individual(s) directly supervising each phase. The Zoning Officer or his/her designee shall have the authority to require an on-site meeting with these individuals as necessary to ensure compliance with these conditions. The applicant shall notify the Zoning Officer of any changes to this schedule as soon as possible.

26. Demolition. Demolition of the existing building cannot commence until a complete application is submitted for the replacement building. In addition, all plans presented to the City to obtain a permit to allow the demolition are subject to these conditions.

27. Construction and Demolition Diversion. Applicant shall submit a Construction Waste Management Plan that meets the requirements of BMC Chapter 19.37 including 100% diversion of asphalt, concrete, excavated soil and land-clearing debris and a minimum of 65% diversion of other nonhazardous construction and demolition waste.

28. Toxics. The applicant shall contact the Toxics Management Division (TMD) at 1947 Center Street or (510) 981-7470 to determine which of the following documents are required and timing for their submittal:

A. Environmental Site Assessments:

1) Phase I & Phase II Environmental Site Assessments (latest ASTM 1527-13). A recent Phase I ESA (less than 2 years old*) shall be submitted to TMD for developments for:
   - All new commercial, industrial and mixed use developments and all large improvement projects.
   - All new residential buildings with 5 or more dwelling units located in the Environmental Management Area (or EMA).

- EMA is available online at: http://www.cityofberkeley.info/uploadedFiles/IT/Level_3_-_General/ema.pdf

2) Phase II ESA is required to evaluate Recognized Environmental Conditions (REC) identified in the Phase I or other RECs identified by TMD staff. The TMD may require a third party toxicologist to review human or ecological health risks that may be identified. The applicant may apply to the appropriate state, regional or county cleanup agency to evaluate the risks.
3) If the Phase I is over 2 years old, it will require a new site reconnaissance and interviews. If the facility was subject to regulation under Title 15 of the Berkeley Municipal Code since the last Phase I was conducted, a new records review must be performed.

B. Soil and Groundwater Management Plan:
1) A Soil and Groundwater Management Plan (SGMP) shall be submitted to TMD for all non-residential projects, and residential or mixed-use projects with five or more dwelling units, that: (1) are in the Environmental Management Area (EMA) and (2) propose any excavations deeper than 5 feet below grade. The SGMP shall be site specific and identify procedures for soil and groundwater management including identification of pollutants and disposal methods. The SGMP will identify permits required and comply with all applicable local, state and regional requirements.
2) The SGMP shall require notification to TMD of any hazardous materials found in soils and groundwater during development. The SGMP will provide guidance on managing odors during excavation. The SGMP will provide the name and phone number of the individual responsible for implementing the SGMP and post the name and phone number for the person responding to community questions and complaints.
3) TMD may impose additional conditions as deemed necessary. All requirements of the approved SGMP shall be deemed conditions of approval of this Use Permit.

C. Building Materials Survey:
1) Prior to approving any permit for partial or complete demolition and renovation activities involving the removal of 20 square or lineal feet of interior or exterior walls, a building materials survey shall be conducted by a qualified professional. The survey shall include, but not be limited to, identification of any lead-based paint, asbestos, polychlorinated biphenyl (PBC) containing equipment, hydraulic fluids in elevators or lifts, refrigeration systems, treated wood and mercury containing devices (including fluorescent light bulbs and mercury switches). The Survey shall include plans on hazardous waste or hazardous materials removal, reuse or disposal procedures to be implemented that fully comply state hazardous waste generator requirements (22 California Code of Regulations 66260 et seq). The Survey becomes a condition of any building or demolition permit for the project. Documentation evidencing disposal of hazardous waste in compliance with the survey shall be submitted to TMD within 30 days of the completion of the demolition. If asbestos is identified, Bay Area Air Quality Management District Regulation 11-2-401.3 a notification must be made and the J number must be made available to the City of Berkeley Permit Service Center.

D. Hazardous Materials Business Plan:
1) A Hazardous Materials Business Plan (HMBP) in compliance with BMC Section 15.12.040 shall be submitted electronically at http://cers.calepa.ca.gov/ within 30 days if on-site hazardous materials exceed BMC 15.20.040. HMBP requirement can be found at http://ci.berkeley.ca.us/hmr/

Prior to Issuance of Any Building (Construction) Permit

29. Percent for Public Art: Consistent with BMC §23C.23, the applicant shall either pay the required in-lieu fee or provide the equivalent amount in a financial guarantee to be released after installation of the On-Site Publicly Accessible Art.

30. Affordable Housing Mitigation Fee: Consistent with BMC §22.20.065, and fee resolution applicable to this project, the applicant shall provide a schedule, consistent with a schedule approved by the City Manager or her designee, outlining the timeframe for payment of the AHMF, and they shall pay this fee.

31. HVAC Noise Reduction. Prior to the issuance of building permits, the project applicant shall submit plans that show the location, type, and design of proposed heating, ventilation, and cooling (HVAC) equipment. In addition, the applicant shall provide product specification sheets or a report from a qualified acoustical consultant showing that operation of the proposed HVAC equipment will meet the City's exterior noise requirements in BMC Section 13.40.050. The City's Planning and Development Department shall review the submitted plans, including the selected HVAC equipment, to verify compliance with exterior noise standards.

32. Interior Noise Levels. Prior to issuance of a building permit, the applicant shall submit a report to the Building and Safety Division and the Zoning Officer by a qualified acoustic engineer certifying that the interior residential portions of the project will achieve interior noise levels of no more than 45 Ldn (Average Day-Night Levels). If the adopted Building Code imposes a more restrictive standard for interior noise levels, the report shall certify compliance with this standard.

33. Streets and Open Space Improvement Plan: Street Frontage Improvements. Streets and Open Space Improvement Plan: Street Frontage Improvements. Consistent with the Downtown Streets and Open Space Improvement Plan (SOSIP) (or subsequent iterations as adopted by the City), the developer shall construct improvements along Harold Way, Kittredge Street, and Allston Way, to the centerline. Such improvements shall be included with the building permit submittal, designed and constructed as directed by the Public Works and Fire Departments, and constructed prior to certificate of occupancy.

34. Streets and Open Space Improvement Plan: Impact Fee: As required by BMC Section 23.204.130.F, the project shall pay an impact fee to implement the Streets and Open Space Improvement Plan (SOSIP) per the fee schedule adopted by the Council by resolution. The City shall deposit this payment into the Downtown Streets and Open Space Improvement Fund (SOSIF), or its equivalent, to pay for the design and construction of the SOSIP Major Projects. The fee shall apply to the project's "Gross Floor Area" as defined in BMC Section 23.502, less any existing Gross Floor Area removed as part of the project.

35. Green Building Certification. The applicant shall submit documentation demonstrating that the building will attain LEED Gold or higher, or attain a building performance equivalent to this rating that has been approved by the Zoning Officer for this project. Documentation shall include proof of payment of the registration/application fee to the organization administering the green building certification system (e.g. USGBC/GBCI for LEED, Build It Green for GreenPoint Rated, etc.), a copy of the updated green building checklist that reflects anticipated points, and a statement from the appropriate project team professional (e.g. LEED Accredited Professional, GreenPoint Rater, etc.) verifying that the project is on track for certification at the required level or above. The submitted green building checklist must be a type that is appropriate for the project and a

version that is being accepted by the organization granting the green building certification at the time of building permit application. Whenever applicable, measures from the green building checklist shall be incorporated and noted on site plans.

36. Solar Photovoltaic (Solar PV). A solar PV system, on the solar zone specified in Section 110.10 of the 2019 Energy Code, shall be installed (subject to the exceptions in Section 110.10) as specified by the Berkeley Energy Code (BMC Chapter 19.36). Location of the solar PV system shall be noted on the construction plans.

37. Electric Vehicle (EV) Charging. At least 20% of the project parking spaces for residential parking shall be "EV Charger Ready": equipped with raceway, wiring, and power to allow for future Level 2 (240 Volt/40 amp) plug-in electric vehicle (EV) charging system installation, and at least 80% of the project parking spaces for residential parking shall be "EV Spaces Raceway Equipped": equipped with a raceway between an enclosed, inaccessible, or concealed area and an electrical service panel/subpanel as specified by the Berkeley Green Code (BMC Section 19.37.040). Any Level 2 EV charging systems installed at parking spaces will be counted toward the applicable readiness requirement. Readiness for EV charging and EV charging station installations shall be noted on the construction plans.

38. Water Efficient Landscaping. Landscaping, totaling 500 square feet of more of new landscaping or 2,500 square feet or more of renovated irrigated area, shall comply with the State's Model Water Efficient Landscape Ordinance (MWELO). MWELO-compliant landscape documentation including a planting, grading, and irrigation plan shall be included in site plans. Water budget calculations are also required for landscapes of 2,500 square feet or more and shall be included in site plans. The reference evapotranspiration rate (ETo) for Berkeley is 41.8.

39. Prohibition of Natural Gas Infrastructure in New Buildings. The project shall comply with the City of Berkeley Prohibition of Natural Gas Infrastructure in New Buildings (BMC Chapter 12.80).

40. Recycling and Organics Collection. Applicant shall provide recycling and organics collection areas for occupants, clearly marked on site plans, which comply with the Alameda County Mandatory Recycling Ordinance (ACWMA Ordinance 2012-01).

41. Public Works ADA. Plans submitted for building permit shall include replacement of sidewalk, curb, gutter, and other streetscape improvements, as necessary to comply with current City of Berkeley standards for accessibility.

42. Required Parking Spaces for Persons with Disabilities. Per BMC Section 23.322.040.H of the Zoning Ordinance, "If the number of required off-street parking spaces in a non-residential district is reduced as allowed by this chapter, the number of required parking spaces for persons with disabilities shall be calculated as if there had been no reduction in required spaces."

Prior to Demolition or Start of Construction:

43. Construction Meeting. The applicant shall request of the Zoning Officer an on-site meeting with City staff and key parties involved in the early phases of construction (e.g., applicant, general contractor, foundation subcontractors) to review these conditions and the construction schedule. The general contractor or applicant shall ensure that all subcontractors involved in subsequent phases of construction aware of the conditions of approval.

During Construction:

44. Construction Hours. Construction activity shall be limited to between the hours of 7:00 AM and 6:00 PM on Monday through Friday, and between 9:00 AM and 4:00 PM on Saturday. No construction-related activity shall occur on Sunday or any Federal Holiday.

45. Construction Hours- Exceptions. It is recognized that certain construction activities, such as the placement of concrete, must be performed in a continuous manner and may require an extension of these work hours. Prior to initiating any activity that might require a longer period, the developer must notify the Zoning Officer and request an exception for a finite period of time. If the Zoning Officer approves the request, then two weeks prior to the expanded schedule, the developer shall notify businesses and residents within 500 feet of the project site describing the expanded construction hours. A copy of such notice and methodology for distributing the notice shall be provided in advance to the City for review and approval. The project shall not be allowed more than 15 extended working days.

46. Project Construction Website. The applicant shall establish a project construction website with the following information clearly accessible and updated monthly or more frequently as changes warrant:

- Contact information (i.e. "hotline" phone number, and email address) for the project construction manager
- Calendar and schedule of daily/weekly/monthly construction activities
- The final Conditions of Approval, Mitigation Monitoring and Reporting Program, Transportation Construction Plan, Construction Noise Reduction Program, and any other reports or programs related to construction noise, air quality, and traffic.

47. Public Works - Implement BAAQMD-Recommended Measures during Construction. For all proposed projects, BAAQMD recommends implementing all the Basic Construction Mitigation Measures, listed below to meet the best management practices threshold for fugitive dust:

A. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.
B. All haul trucks transporting soil, sand, or other loose material off-site shall be covered.
C. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
D. All vehicle speeds on unpaved roads shall be limited to 15 mph.
E. All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
F. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California airborne toxics control measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
G. All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified visible emissions evaluator.
H. Post a publicly visible sign with the telephone number and person to contact at the lead agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The Air District's phone number shall also be visible to ensure compliance with applicable regulations.

48. Air Quality - Diesel Particulate Matter Controls during Construction. All off-road construction equipment used for projects with construction lasting more than 2 months shall comply with **one** of the following measures:

A. The project applicant shall prepare a health risk assessment that demonstrates the project's on-site emissions of diesel particulate matter during construction will not exceed health risk screening criteria after a screening-level health risk assessment is conducted in accordance with current guidance from BAAQMD and OEHHA. The health risk assessment shall be submitted to the Land Use Planning Division for review and approval prior to the issuance of building permits; or

B. All construction equipment shall be equipped with Tier 2 or higher engines and the most effective Verified Diesel Emission Control Strategies (VDECS) available for the engine type (Tier 4 engines automatically meet this requirement) as certified by the California Air Resources Board (CARB). The equipment shall be properly maintained and tuned in accordance with manufacturer specifications.

In addition, a Construction Emissions Minimization Plan (Emissions Plan) shall be prepared that includes the following:

- An equipment inventory summarizing the type of off-road equipment required for each phase of construction, including the equipment manufacturer, equipment identification number, engine model year, engine certification (tier rating), horsepower, and engine serial number. For all VDECS, the equipment inventory shall also include the technology type, serial number, make, model, manufacturer, CARB verification number level, and installation date.
- A Certification Statement that the Contractor agrees to comply fully with the Emissions Plan and acknowledges that a significant violation of the Emissions Plan shall constitute a material breach of contract. The Emissions Plan shall be submitted to the Public Works Department for review and approval prior to the issuance of building permits.

49. Construction and Demolition Diversion. Divert debris according to your plan and collect required documentation. Get construction debris receipts from sorting facilities in order to verify diversion requirements. Upload recycling and disposal receipts if using Green Halo and submit online for City review and approval prior to final inspection. Alternatively, complete the second page of the original Construction Waste Management Plan and present it, along with your construction debris receipts, to the Building Inspector by the final inspection to demonstrate diversion rate compliance. The Zoning Officer may request summary reports at more frequent intervals, as necessary to ensure compliance with this requirement.

50. Low-Carbon Concrete. The project shall maintain compliance with the Berkeley Green Code (BMC Chapter 19.37) including use of concrete mix design with a cement reduction of at least 25%. Documentation on concrete mix design shall be available at all times at the construction site for review by City Staff.

51. Transportation Construction Plan. The applicant and all persons associated with the project are hereby notified that a Transportation Construction Plan (TCP) is required for all phases of construction, particularly for the following activities:

- Alterations, closures, or blockages to sidewalks, pedestrian paths or vehicle travel lanes (including bicycle lanes);
- Storage of building materials, dumpsters, debris anywhere in the public ROW;
- Provision of exclusive contractor parking on-street; or

- Significant truck activity.

The applicant shall secure the City Traffic Engineer's approval of a TCP. Please contact the Office of Transportation at 981-7010, or 1947 Center Street, and ask to speak to a traffic engineer. In addition to other requirements of the Traffic Engineer, this plan shall include the locations of material and equipment storage, trailers, worker parking, a schedule of site operations that may block traffic, and provisions for traffic control. The TCP shall be consistent with any other requirements of the construction phase.

Contact the Permit Service Center (PSC) at 1947 Center Street or 981-7500 for details on obtaining Construction/No Parking Permits (and associated signs and accompanying dashboard permits). Please note that the Zoning Officer and/or Traffic Engineer may limit off-site parking of construction-related vehicles if necessary to protect the health, safety or convenience of the surrounding neighborhood. A current copy of this Plan shall be available at all times at the construction site for review by City Staff.

52. Avoid Disturbance of Nesting Birds. Initial site disturbance activities, including vegetation and concrete removal, shall be prohibited during the general avian nesting season (February 1 to August 30), if feasible. If nesting season avoidance is not feasible, the applicant shall retain a qualified biologist to conduct a preconstruction nesting bird survey to determine the presence/absence, location, and activity status of any active nests on or adjacent to the project site. The extent of the survey buffer area surrounding the site shall be established by the qualified biologist to ensure that direct and indirect effects to nesting birds are avoided. To avoid the destruction of active nests and to protect the reproductive success of birds protected by the MBTA and CFGC, nesting bird surveys shall be performed not more than 14 days prior to scheduled vegetation and concrete removal. In the event that active nests are discovered, a suitable buffer (typically a minimum buffer of 50 feet for passerines and a minimum buffer of 250 feet for raptors) shall be established around such active nests and no construction shall be allowed inside the buffer areas until a qualified biologist has determined that the nest is no longer active (e.g., the nestlings have fledged and are no longer reliant on the nest). No ground-disturbing activities shall occur within this buffer until the qualified biologist has confirmed that breeding/nesting is completed and the young have fledged the nest. Nesting bird surveys are not required for construction activities occurring between August 31 and January 31.

53. Archaeological Resources (*Ongoing throughout demolition, grading, and/or construction*). Pursuant to CEQA Guidelines section 15064.5(f), "provisions for historical or unique archaeological resources accidentally discovered during construction" should be instituted. Therefore:

A. In the event that any prehistoric or historic subsurface cultural resources are discovered during ground disturbing activities, all work within 50 feet of the resources shall be halted and the project applicant and/or lead agency shall consult with a qualified archaeologist, historian or paleontologist to assess the significance of the find.
B. If any find is determined to be significant, representatives of the project proponent and/or lead agency and the qualified professional would meet to determine the appropriate avoidance measures or other appropriate measure, with the ultimate determination to be made by the City of Berkeley. All significant cultural materials recovered shall be subject to scientific analysis, professional museum curation, and/or a report prepared by the qualified professional according to current professional standards.

C. In considering any suggested measure proposed by the qualified professional, the project applicant shall determine whether avoidance is necessary or feasible in light of factors such as the uniqueness of the find, project design, costs, and other considerations.
D. If avoidance is unnecessary or infeasible, other appropriate measures (e.g., data recovery) shall be instituted. Work may proceed on other parts of the project site while mitigation measures for cultural resources is carried out.
E. If significant materials are recovered, the qualified professional shall prepare a report on the findings for submittal to the Northwest Information Center.

54. Human Remains (*Ongoing throughout demolition, grading, and/or construction*). In the event that human skeletal remains are uncovered at the project site during ground-disturbing activities, all work shall immediately halt and the Alameda County Coroner shall be contacted to evaluate the remains, and following the procedures and protocols pursuant to Section 15064.5 (e)(1) of the CEQA Guidelines. If the County Coroner determines that the remains are Native American, the City shall contact the California Native American Heritage Commission (NAHC), pursuant to subdivision (c) of Section 7050.5 of the Health and Safety Code, and all excavation and site preparation activities shall cease within a 50-foot radius of the find until appropriate arrangements are made. If the agencies determine that avoidance is not feasible, then an alternative plan shall be prepared with specific steps and timeframe required to resume construction activities. Monitoring, data recovery, determination of significance and avoidance measures (if applicable) shall be completed expeditiously.

55. Paleontological Resources (*Ongoing throughout demolition, grading, and/or construction*). In the event of an unanticipated discovery of a paleontological resource during construction, excavations within 50 feet of the find shall be temporarily halted or diverted until the discovery is examined by a qualified paleontologist (per Society of Vertebrate Paleontology standards [SVP 1995,1996]). The qualified paleontologist shall document the discovery as needed, evaluate the potential resource, and assess the significance of the find. The paleontologist shall notify the appropriate agencies to determine procedures that would be followed before construction is allowed to resume at the location of the find. If the City determines that avoidance is not feasible, the paleontologist shall prepare an excavation plan for mitigating the effect of the project on the qualities that make the resource important, and such plan shall be implemented. The plan shall be submitted to the City for review and approval.

56. Halt Work/Unanticipated Discovery of Tribal Cultural Resources. In the event that cultural resources of Native American origin are identified during construction, all work within 50 feet of the discovery shall be redirected. The project applicant and project construction contractor shall notify the City Planning Department within 24 hours. The City will again contact any tribes who have requested consultation under AB 52, as well as contact a qualified archaeologist, to evaluate the resources and situation and provide recommendations. If it is determined that the resource is a tribal cultural resource and thus significant under CEQA, a mitigation plan shall be prepared and implemented in accordance with State guidelines and in consultation with Native American groups. If the resource cannot be avoided, additional measures to avoid or reduce impacts to the resource and to address tribal concerns may be required.

57. Stormwater Requirements. The applicant shall demonstrate compliance with the requirements of the City's National Pollution Discharge Elimination System (NPDES) permit as described in BMC Section 17.20. The following conditions apply:

A. The project plans shall identify and show site-specific Best Management Practices (BMPs) appropriate to activities conducted on-site to limit to the maximum extent practicable the discharge of pollutants to the City's storm drainage system, regardless of season or weather conditions.
B. Trash enclosures and/or recycling area(s) shall be covered; no other area shall drain onto this area. Drains in any wash or process area shall not discharge to the storm drain system; these drains should connect to the sanitary sewer. Applicant shall contact the City of Berkeley and EBMUD for specific connection and discharge requirements. Discharges to the sanitary sewer are subject to the review, approval and conditions of the City of Berkeley and EBMUD.
C. Landscaping shall be designed with efficient irrigation to reduce runoff, promote surface infiltration and minimize the use of fertilizers and pesticides that contribute to stormwater pollution. Where feasible, landscaping should be designed and operated to treat runoff. When and where possible, xeriscape and drought tolerant plants shall be incorporated into new development plans.
D. Design, location and maintenance requirements and schedules for any stormwater quality treatment structural controls shall be submitted to the Department of Public Works for review with respect to reasonable adequacy of the controls. The review does not relieve the property owner of the responsibility for complying with BMC Chapter 17.20 and future revisions to the City's overall stormwater quality ordinances. This review shall be shall be conducted prior to the issuance of a Building Permit.
E. All paved outdoor storage areas must be designed to reduce/limit the potential for runoff to contact pollutants.
F. All on-site storm drain inlets/catch basins must be cleaned at least once a year immediately prior to the rainy season. The property owner shall be responsible for all costs associated with proper operation and maintenance of all storm drainage facilities (pipelines, inlets, catch basins, outlets, etc.) associated with the project, unless the City accepts such facilities by Council action. Additional cleaning may be required by City of Berkeley Public Works Engineering Dept.
G. All private or public projects that create and/or replace 10,000 square feet or more of impervious surface must comply with Provision C.3 of the Alameda County NPDES permit and must incorporate stormwater controls to enhance water quality. Permit submittals shall include a Stormwater Requirement Checklist and detailed information showing how the proposed project will meet Provision C.3 stormwater requirements, including a) Site design measures to reduce impervious surfaces, promote infiltration, and reduce water quality impacts; b) Source Control Measures to keep pollutants out of stormwater runoff; c) Stormwater treatment measures that are hydraulically sized to remove pollutants from stormwater; d) an O & M (Operations and Maintenance) agreement for all stormwater treatment devices and installations; and e) Engineering calculations for all stormwater devices (both mechanical and biological).
H. All on-site storm drain inlets must be labeled “No Dumping – Drains to Bay” or equivalent using methods approved by the City.
I. Most washing and/or steam cleaning must be done at an appropriately equipped facility that drains to the sanitary sewer. Any outdoor washing or pressure washing must be managed in such a way that there is no discharge or soaps or other pollutants to the storm drain. Sanitary connections are subject to the review, approval and conditions of the sanitary district with jurisdiction for receiving the discharge.

J. All loading areas must be designated to minimize "run-on" or runoff from the area. Accumulated waste water that may contribute to the pollution of stormwater must be drained to the sanitary sewer or intercepted and pretreated prior to discharge to the storm drain system. The property owner shall ensure that BMPs are implemented to prevent potential stormwater pollution. These BMPs shall include, but are not limited to, a regular program of sweeping, litter control and spill cleanup.

K. Restaurants, where deemed appropriate, must be designed with a contained area for cleaning mats, equipment and containers. This contained wash area shall be covered or designed to prevent run-on or run-off from the area. The area shall not discharge to the storm drains; wash waters should drain to the sanitary sewer, or collected for ultimate disposal to the sanitary sewer. Employees shall be instructed and signs posted indicating that all washing activities shall be conducted in this area. Sanitary connections are subject to the review, approval and conditions of the waste water treatment plant receiving the discharge.

L. Sidewalks and parking lots shall be swept regularly to prevent the accumulation of litter and debris. If pressure washed, debris must be trapped and collected to prevent entry to the storm drain system. If any cleaning agent or degreaser is used, wash water shall not discharge to the storm drains; wash waters should be collected and discharged to the sanitary sewer. Discharges to the sanitary sewer are subject to the review, approval and conditions of the sanitary district with jurisdiction for receiving the discharge.

M. The applicant is responsible for ensuring that all contractors and sub-contractors are aware of and implement all stormwater quality control measures. Failure to comply with the approved construction BMPs shall result in the issuance of correction notices, citations, or a project stop work order.

58. Public Works. All piles of debris, soil, sand, or other loose materials shall be covered at night and during rainy weather with plastic at least one-eighth millimeter thick and secured to the ground.

59. Public Works. The applicant shall ensure that all excavation takes into account surface and subsurface waters and underground streams so as not to adversely affect adjacent properties and rights-of-way.

60. Public Works. The project sponsor shall maintain sandbags or other devices around the site perimeter during the rainy season to prevent on-site soils from being washed off-site and into the storm drain system. The project sponsor shall comply with all City ordinances regarding construction and grading.

61. Public Works. Prior to any excavation, grading, clearing, or other activities involving soil disturbance during the rainy season the applicant shall obtain approval of an erosion prevention plan by the Building and Safety Division and the Public Works Department. The applicant shall be responsible for following these and any other measures required by the Building and Safety Division and the Public Works Department.

62. Public Works. The removal or obstruction of any fire hydrant shall require the submission of a plan to the City's Public Works Department for the relocation of the fire hydrant during construction.

63. Public Works. If underground utilities leading to adjacent properties are uncovered and/or broken, the contractor involved shall immediately notify the Public Works Department and the Building & Safety Division, and carry out any necessary corrective action to their satisfaction.

Prior to Final Inspection or Issuance of Occupancy Permit:

64. Compliance with Conditions and Environmental Mitigations. The project shall conform to the plans and statements in the Use Permit. The developer is responsible for providing sufficient evidence to demonstrate compliance with the requirements throughout the implementation of this Use Permit. Occupancy is subject to verification of compliance to the Mitigation Monitoring and Reporting Program.

65. Compliance with Approved Plan. The project shall conform to the plans and statements in the Use Permit. All landscape, site and architectural improvements shall be completed per the attached approved drawings dated **September 1, 2022**, except as modified by conditions of approval.

66. Geotechnical Construction Inspections. The geotechnical consultant shall inspect, test (as needed), and approve all geotechnical aspects of the project construction. The inspections shall include, but not necessarily be limited to: site preparation and grading including the removal and replacement of undocumented fill, site surface and subsurface drainage improvements, and excavations for foundations and other improvements prior to the placement of steel and concrete. The Consultant should be allowed to inspect site excavations to confirm areas of undocumented fill including areas of potential fill associated with the historic alignment of Strawberry Creek. The results of these inspections and the as-built conditions of the project shall be described by the geotechnical consultant in a letter and submitted to the City Engineer for review prior to final (granting of occupancy) project approval.

67. Transportation Demand Management. Prior to issuance of a Certificate of Occupancy, the property owner shall facilitate a site inspection by Land Use Division staff to confirm that the physical improvements required in BMC Section 23.322.060 have been installed. A Parking and Transportation Demand Management (PTDM) compliance report documenting that the programmatic measures required in BMC Section 23.322.060 are implemented shall be submitted to the Land Use Division prior to occupancy, and on an annual basis thereafter, which demonstrates that the project is compliant with the applicable requirements in this section:

A. New construction that results in an off-street total of more than 25 publicly available parking spaces shall install dynamic signage to Transportation Division specifications, including real-time garage occupancy signs at the entries and exits to the parking facility with vehicle detection capabilities and enabled for future connection to the regional 511 Travel Information System; or equivalent, as determined by the Land Use Division in consultation with the Transportation Division. The information panels shall be shown in the construction drawings and shall be installed prior to occupancy.

B. For any new building with residential units or structures converted to a residential use, required parking spaces shall be leased or sold separate from the rental or purchase of dwelling units for the life of the dwelling units. The property owner shall notify all residents of this restriction in leases and/or contracts, and shall provide sample leases and/or contracts including such notification to the project planner prior to issuance of Certificate of Occupancy or final inspection.

C. For new structures or additions over 20,000 square feet, the property owner shall provide transportation benefits at no cost to every employee, residential unit, and/or group living accommodation resident, one pass for unlimited local bus transit service; or (subject to the review and approval of the Zoning Officer in consultation with the Transportation Division) a functionally equivalent transit benefit in an amount at least equal to the price of a non-discounted adult monthly local bus pass. A notice describing these transportation benefits shall be posted in a location or locations visible to all employee and residents.

D. For residential structures constructed or converted from a non-residential use that provide off-street parking, vehicle sharing spaces shall be provided in the amounts shown in BMC Table 23.322-6, to be offered to vehicle sharing service providers at no cost, for as long as providers request the spaces, and otherwise consistent with BMC Section 23.322.060(D).

68. Green Building Certification. The applicant shall submit updated documentation demonstrating that the building will attain LEED Gold or higher, or attain a building performance equivalent to this rating that has been approved by the Zoning Officer for this project. Documentation expected at this stage includes proof of submission of the final application materials and payment of the certification fee. If this submission has not yet occurred, a detailed explanation and timeline indicating when it will it happen must be submitted to the Zoning Officer for review and approval. Once awarded by the organization administering the green building certification system, the applicant shall forward a copy of the certification award to the Zoning Officer.

BELOW MARKET RATE UNITS

69. Number of Below Market Rate Units. The project shall provide **nine (9) Very Low-Income** rental dwelling units ("BMR Units"), which are required to comply with the State Density Bonus Law (Government Code Section 65915). The BMR Units shall be designated in the Regulatory Agreement and shall be reasonably dispersed throughout the project; be of the same size and contain, on average, the same number of bedrooms as the non-BMR units in the project; and be comparable with the design or use of non-BMR units in terms of appearance, materials and finish quality. The designation of BMR Units shall conform to the addresses assigned to the building by the City.

70. Regulatory Agreement. Prior to the issuance of a building permit, the applicant shall enter into a Regulatory Agreement that implements Government Code Section 65915 and this Use Permit. The Regulatory Agreement may include any terms and affordability standards determined by the City to be necessary to ensure such compliance. The maximum qualifying household income for the BMR Units shall be 50 percent of area median income (AMI), and the maximum housing payment shall be 30 percent of 50 percent of AMI, as set forth in the following paragraphs of this condition. If the BMR units are occupied by very low-income tenants receiving a rental subsidy through the Section 8 or Shelter Plus Care programs, the rent received by the project sponsor may exceed the restricted rent to the payment standards allowed under those programs so long as the rent allowed under the payment standards is not greater than the market rents charged for comparable units in the development. The applicant shall submit the Regulatory Agreement to the Housing and Community Services Department (HHCS) via email to affordablehousing@cityofberkeley.info for review and approval.

9. In addition, the following provisions shall apply:

A. Maximum rent shall be adjusted for the family size appropriate for the unit pursuant to California Health & Safety Code Section 50052.5 (h).

B. Rent shall include a reasonable allowance for utilities, as published and updated by the Berkeley Housing Authority, including garbage collection, sewer, water, electricity, gas, and other heating, cooking and refrigeration fuels. Such allowance shall take into account the cost of an adequate level of service. Utilities do not include telephone service. Rent also includes any separately charged fees or service charges assessed by the lessor which are required of all tenants, other than security deposits.

C. BMR units will be provided for the life of the project under Section 22.20.065.

71. Determination of Area Median Income (AMI).

- The "AMI" (Area Median Income) shall be based on the income standards for the Oakland Primary Metropolitan Statistical Area reported by the United States Department of Housing and Urban Development (HUD). In the event HUD discontinues establishing such income standards, AMI shall be based on income standards determined by the California State Department of Housing and Community Development (HCD). If such income standards are no longer in existence, the City will designate another appropriate source or method for determining the median household income.
- The applicable AMI for the purpose of determining the allowable rent for each unit (but not for the purpose of determining eligibility for occupancy of an inclusionary unit) shall be determined in accordance with the following table:

Unit Size	**AMI Standard**
Studio unit	AMI for a one person household
One-bedroom unit	AMI for a two person household
Two-bedroom unit	AMI for a three person household
Three-bedroom unit	AMI for a four person household

72. Nothing in these conditions shall be interpreted to prohibit, or to require modification of the Use Permit or Regulatory Agreement to allow, the provision of additional BMR units, or additional affordability, than are required in the foregoing provisions.

At All Times:

73. Transportation Demand Management Compliance. The property owner shall submit to the Land Use Division annual PTDM Compliance Reports, subject to the review and oversight of Land Use Division staff.

74. Exterior Lighting. All exterior lighting shall be energy efficient where feasible; and shielded and directed downward and away from property lines to prevent excessive glare beyond the subject property.

75. Rooftop Projections. No additional rooftop or elevator equipment shall be added to exceed the approved maximum roof height without submission of an application for a Use Permit Modification, subject to Board review and approval.

76. Design Review. Signage and any other exterior modifications, including but not limited to landscaping and lighting, shall be subject to Landmarks Preservation Commission approval.

77. Drainage Patterns. The applicant shall establish and maintain drainage patterns that do not adversely affect adjacent properties and rights-of-way. Drainage plans shall be submitted for approval of the Building & Safety Division and Public Works Department, if required.

78. Electrical Meter. Only one electrical meter fixture may be installed per dwelling unit.

79. Loading. All loading/unloading activities associated with deliveries to all uses shall be restricted to the hours of 7:00 a.m. to 10:00 p.m. daily.

80. Residential Permit Parking. No Residential Permit Parking (RPP) permits shall be issued to project residents, nor shall commercial placards be issued to non-residential occupants and/or users of the site. The project planner shall notify the Finance Department, Customer Service Center, to add these addresses to the list of addresses ineligible for RPP permits. The property owner shall notify all tenants of rental units, and/or buyers of condominium units, of this restriction in leases and/or contracts, and shall provide sample leases and/or contracts including such notification to the project planner prior to issuance of an occupancy permit or final inspection.

81. Tenant Notification. The developer shall provide tenant notification, via a lease rider or deed covenant, that each dwelling unit is located in a mixed-use area that includes commercial, food service and entertainment uses, and that each occupant shall not seek to impede their lawful operation.

82. Transit Subsidy Condition. The applicant shall reimburse employees the maximum non-taxable cost of commuting to and from work on public transportation (e.g., monthly passes) if they so commute, and a notice informing employees of the availability of such subsidy shall be permanently displayed in the employee area as per BMC Chapter 9.88.

EXHIBIT A

MITIGATION MONITORING & REPORTING PROGRAM – JULY 2015

REVISED JULY 2022

This Draft Mitigation Monitoring and Reporting Program (MMRP) was formulated based upon the findings of the Environmental Impact Report (EIR) and Infill Initial Study Checklist prepared for the 2211 Harold Way Mixed-Use Project. The MMRP, which is provided in Tables 1 and 2 of this section, lists mitigation measures recommended in the EIR and the Infill Checklist for the proposed Project and identifies mitigation monitoring requirements. The Final MMRP must be adopted when the City makes a final decision on the project.

This MMRP has been prepared to comply with the requirements of State law (Public Resources Code Section 21081.6). State law requires the adoption of an MMRP when mitigation measures are required to avoid significant impacts. The MMRP is intended to ensure compliance during implementation of the project.

The MMRP is organized in a matrix format. The first column identifies the impact and the second column identifies the mitigation measure that will be implemented for each project impact. The third column, entitled “Monitoring Responsibility,” refers to the agency responsible for oversight or ensuring that the mitigation measure is implemented. The fourth column, entitled “Monitoring Timing,” refers to when the monitoring will occur to ensure that the mitigation action is completed. The lead agency will provide verification that the measures have been implemented. These mitigation measures include any minor revisions made as a result of the Response to Comments Document.

July 27, 2022

This MMRP was revised to reflect the findings in the EIR Addendum prepared for the 2065 Kittredge Mixed-Use Project (ZP2021-0193 & LMSAP2021-0004). Specifically, Cultural Resource Mitigation Measures CR-2(a) through (c) were deleted (because they no longer apply due to changes in the project design).

Table 1: 2211 Harold Way Mixed-Use Project EIR Mitigation Monitoring and Reporting Program

Impact Statement	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
I. CULTURAL RESOURCES				
CR-1 The proposed project would involve demolition of the 1926 addition to the Hotel. Both of these additions contribute to the hotel's historical significance and are included in the property's local landmark designation.	**CR-1(a) Documentation.** In consultation with the City of Berkeley Planning and Development, the project applicant shall complete Historic American Building Survey (HABS) Level II documentation of the Shattuck Hotel and its setting. This documentation shall include drawings, photographs, and a historical narrative. • Drawings: Existing historic drawings of the Shattuck Hotel (including the original 1910 building and the 1912, 1913, and 1926 additions), if available, shall be photographed with large-format negatives or photographically reproduce on Mylar. In the absence of existing drawings, full-measured drawings of the complex's plan, exterior elevations, and courtyard elevations should be prepared. • Photographs: Photo-documentation of the Shattuck Hotel (including the original 1910 building and the 1912, 1913 and 1926additions) shall be prepared to HABS standards for archival photography. HABS standards require large-format black-and-white photography, with the original negatives having a minimum size of 4 x 5 inches. Digital photography, roll film, film packs, and electronic manipulation of images are not acceptable. All film prints, a minimum of 4 x 5 inches, must be hand-processed according to the manufacturer's specifications and printed on fiber base single weight paper and dried to a full gloss finish. A minimum of 12	City of Berkeley Planning Department, Land Use Division	Prior to the issuance of a demolition permit	

Impact Statement	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	photographs must be taken, detailing the site, building exteriors, and building interiors. Photographs must be identified and labeled using HABS standards. Color 35mm non-archival photographs of the historical building and grounds shall be taken to supplement the limited number of archival photographs required under the HABS standards described above. Photographs should include overall views of the site; individual views of important building features; exterior elevations of each façade of the complex; views of interior courtyard spaces; and detail views of specific materials or elements. • Historical Overview: In consultation with the City of Berkeley Planning and Development Department, a qualified historian or architectural historian shall assemble historical background information relevant to the Shattuck Hotel and its setting. Much of this information may be drawn from the Historic Context Report that architecture + history LLC has prepared for the property. The project applicant shall submit three hard copies and six electronic copies of the drawings and historical overview, along with two sets of photographic negatives, to the City of Berkeley. To ensure its public accessibility, the City of Berkeley will distribute the documentation to the Berkeley Public Library, UC Berkeley's Environmental Design Archives, Berkeley Architectural Heritage Association, the Berkeley Historical Society, and the Northwest			

Impact Statement	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	Information Center of the California Historical Resources Information System (CHRIS).			
	CR-1(b) Salvage. The project applicant shall salvage materials from the 1913 and 1926 additions to the Shattuck Hotel for reuse on-site if feasible , as determined by the Zoning Officer, and given local historical societies the opportunity to salvage remaining materials for public information or reuse in other locations. This effort is expected to focus on the additions' multi-pane, metal-sash windows (currently painted over) as well as the ceiling plasterwork in the entry arcade. All salvaged materials shall be stripped of lead-based paint using safe handling methods. If, after 30 days, none of the societies is able and willing to salvage the materials, the materials shall be offered to local architectural salvage companies by placing an advertisement in a website and newspaper of general circulation for at least 30 days. Demolition may proceed only after any significant historic features or materials have been identified (at the applicant's cost) and their removal completed, unless none of the above organizations are interested in salvaging the materials.	City of Berkeley Planning Department, Land Use Division	Prior to the issuance of a demolition permit	
	CR-1(c) Onsite Interpretation. The project applicant shall incorporate a wall display featuring historic photos of the Shattuck Hotel property and a description of its historical significance into the publicly accessible portion of any subsequent development on the site. This display shall be developed by professionals meeting the Secretary of the Interior's Professional Qualifications (as verified by City of Berkeley planning staff) and experienced in creating such historical exhibits, with the assistance of City of Berkeley planning staff.	City of Berkeley Planning Department, Land Use Division	Plans for the exhibit shall be approved by the LPC prior to the issuance of a building permit.	

Impact Statement	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	CR-1(d) Contribution to the Historic Preservation Fund. The project applicant shall contribute funds to the City to be applied to future historic preservation activities within Downtown Berkeley, including survey work; property research; and evaluation in accordance with the Secretary of the Interior's Standards.	City of Berkeley Planning Department, Land Use Division	Prior to the issuance of a building permit.	
~~**CR-2** The proposed project would alter the setting of historic landmarks adjacent to and facing the project, including the Shattuck Hotel, the Public Library, and the former Elks Lodge and Armstrong College buildings because the project's design elements would be partially inconsistent with the Secretary of the Interior's Standards and the Downtown Berkeley Design Guidelines.~~	~~**CR-2(a) Allston Way Elevation.** New construction on the Allston Way elevation shall incorporate horizontal façade elements that reference the roofline of the adjacent 1912 restaurant addition to the Shattuck Hotel. Specifically, new construction shall incorporate a horizontal belt course along its Allston Way façade that corresponds to the cornice and parapet of the 1912 addition. This belt course shall include a cornice element or other horizontal embellishment that projects from the face of the building. (This element could consist of a simple projecting molding, for example, that is stylistically in keeping with the contemporary design of the proposed project.) By incorporating this belt course, the proposed project, despite being considerably taller than the Shattuck Hotel, would better maintain the scale and feel of the historic building frontage along Allston Way.~~	~~City of Berkeley Planning Department, Land Use Division~~	~~Plans and designs for the Allston Way elevation shall be approved by LPC in Final Design Review (FDR) prior to the issuance of a building permit.~~	

Impact Statement	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	~~**CR-2(b) Kittredge Street Elevation**. At the Kittredge Street elevation, the proposed project includes a two-story "hyphen" that separates the Shattuck Hotel from the 12- and 18-story portions of the project to the west. Project drawings show the Kittredge Street façade of this portion of the project as a blank wall, potentially covered in vegetation. Such wall treatment is incompatible with the historic setting. Perforations (such as a door or windows) or other architectural elements shall be incorporated into the design of this wall so as to maintain an active street frontage that is more in keeping with the ground floors of the nearby historical resources and the larger Shattuck Avenue Commercial Corridor.~~	~~Final Design Review~~ ~~City of Berkeley Planning Department, Land Use Division~~	~~Plans and designs for the Kittredge Street elevation with architectural elements to maintain an active street frontage shall be approved by LPC in FDR prior to the issuance of a building permit.~~	
	~~**CR-2(c) Glazed Aluminum Window Wall Systems.** While the glazed aluminum window wall systems proposed for much of the project would clearly differentiate the proposed project from nearby historical resources, the design of these wall systems needs to be modified to make them more compatible with those resources. The proportion and pattern of void to wall in the wall treatments of the proposed project shall be modified to more closely match Library, the former Elks Lodge and the former Armstrong College building. Potential ways to achieve this include replacing the window wall systems with punched curtain wall systems similar to those used elsewhere in the project, or breaking up the window wall systems with windowless bays.~~	~~City of Berkeley Planning Department, Land Use Division~~	~~Plans and designs for the glazed aluminum window wall systems with translucent panels shall be approved by LPC in FDR prior to the issuance of a building permit.~~	
CR-4 Construction activities associated with demolition of the 1959 Hink's building and the 1926 addition to the Shattuck Hotel, and partial removal of the 1913 addition to the Shattuck Hotel,	**CR-4(a) Foundations Investigation.** A registered structural engineer with a minimum of 5 years of experience in the rehabilitation and restoration of historic buildings, meeting the Secretary of the Interior's Professional Qualifications, shall investigate the existing relationship of the foundations of the	Applicant's historical architecture and structural engineering consultants	Prior to the issuance of a demolition permit	

Impact Statement	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
could produce ground vibration or soil movement under the existing foundation of nearby historic resources, compromising the historic building's structural stability.	various portions of the Shattuck Hotel property. Any required test excavations shall be performed only in the presence of the structural engineer. The structural engineer shall prepare a report of findings that specifies modifications to the project design and/or associated construction activities that are necessary to retain the structural integrity of the Shattuck Hotel (including the original 1910 building, the 1912 addition, and the portion of the 1913 addition proposed for retention). In consultation with a historic preservation architect meeting the Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation, Professional Qualifications Standards, the structural engineer (with geotechnical consultation as necessary) shall determine whether, due to the nature of the excavations, soils, method of soil removal and the existing foundations of the Shattuck Hotel, the potential for settlement would require underpinning and/or shoring. If underpinning and/or shoring is determined to be necessary, appropriate designs shall be prepared and submitted for review and approval. Foundation and shoring shall not use driven or vibration piles. Only cast-in-place or auger piles or micropiles shall be used for shoring, underpinning, and/or new foundations. The existing structure shall be shored at each side of the location where the western portion of the hotel is to be demolished. After the existing structure is shored, an air gap shall be cut between the building to remain and the portion of the building to be demolished at the roof, floor levels and through the above grade walls prior to the demolition of the western portion of the building. The air gap shall	City of Berkeley Planning Department, Land Use Division		

Impact Statement	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	be a minimum of 12 inches wide and also be wide enough that no debris can lodge in the gap and transfer vibrations into the portion of the building to remain. The contractor may elect to demolish an entire bay of the existing structure between two column lines so that additional shoring may be minimized or eliminated. This will prevent the transmission of vibrations from the demolition through the existing structural members and, therefore, limit the potential for structural damage due to the vibrations from the demolition. Any debris that becomes lodged in the gap shall be removed as soon as is safely possible. All documents prepared in accordance with this Measure shall be submitted to the City of Berkeley Planning and Development Department for approval, and all work required by this Measure shall be at the project sponsor's expense			
	CR-4(b) Construction Monitoring. Prior to demolition, the historic preservation architect and structural engineer referenced in Mitigation Measures CR-4(a) shall undertake an existing condition study of the Shattuck Hotel, including the location and extent of any visible cracks or spalls. Any existing damage to the hollow clay tile that could cause structural damage due to construction vibrations shall be noted. This initial survey will serve as a baseline to determine if any damage would occur during demolition or construction of the new building. The documentation shall take the form of written descriptions and photographs, and shall include those physical characteristics of the resource that conveys its historic significance and that justify its inclusion on the local register. The documentation shall be reviewed and	Applicant's historical architecture and structural engineering consultants City of Berkeley Planning Department, Land Use Division	Prior to the issuance of a demolition permit	

Impact Statement	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	approved by the City of Berkeley Planning and Development Department. The historical architect and structural engineer shall monitor the Shattuck Hotel during construction and report any changes to existing conditions, including, but not limited to, expansion of existing cracks, new spalls, or other exterior deterioration. Any new cracks, new spalls, or other exterior deterioration shall be repaired to the pre-existing condition as indicated at the end of this section. Monitoring reports shall be submitted to the City of Berkeley Planning and Development Department on a periodic basis. The structural engineer shall consult with the historic preservation architect, especially if any problems with character-defining features of a historic resource are discovered. If in the opinion of the structural engineer, in consultation with the historic preservation architect, substantial adverse impacts to historic resources related to construction activities are found during construction, the historical architect and structural engineer shall so inform the project sponsor or sponsor's designated representative responsible for construction activities. Vibrations shall be limited during demolition of the existing below grade wall and foundation concrete so as not to transmit significant vibrations to the remaining structures. The use of jackhammers and smaller hoe-rams with lower impact force shall be used wherever possible to limit vibrations. Larger hoe-rams (rated at greater than 2,000 foot-pounds) shall not be used without a written determination by a qualified testing agency that such rams will not cause vibrations greater than 0.2 inches per second of			

Impact Statement	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	vertical movement at the existing hotel. Measurements for vibrations shall be taken at the same distance to the vibration source as the Shattuck Hotel building will be from the source during use for construction or demolition. The testing agency used for measuring vibrations shall be experienced in measuring vibrations, as determined by the City of Berkeley Planning and Development Department. The areas where the demolition will be closest to the existing building and therefore most likely to propagate vibrations to the remaining structures are: demolition of the eastern end of the existing cinema building along Kittredge Street; demolition for the new construction below the hotel at the corner of Shattuck Avenue and Kittredge Street; and demolition of the eastern portion of the former Hink's Department Store addition at Allston Way and Harold Way. At these areas where demolition of below grade concrete will be close to the remaining structures, the concrete shall be demolished using methods that limit vibrations, such as the use of jackhammers and small hoe-rams with lower impact force, even if it is determined that larger hoe-rams can be used elsewhere on the site. The structural engineer shall consult with the historic preservation architect, especially if any problems with character- defining features of a historic resource are discovered. Because of the inherent unpredictability of large-scale excavation and construction, there is an unlikely but possible chance that unforeseen damage would occur. If substantial adverse impacts to historic resources related to construction activities are found during construction, and if in the opinion of the structural engineer, in consultation with the historic			

Impact Statement	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	preservation architect, the historical architect and the structural engineer (monitoring team) shall so inform the project sponsor or sponsor's designated representative responsible for construction activities. The historical architect and the structural engineer shall make specific recommendations to the project sponsor, including whether work should stop and whether construction activities should be modified. Once the historic architect and the structural engineer inform the project sponsor, the project sponsor shall adhere to the monitoring team's recommendations for corrective measures, including halting construction or using methods which cause less vibration, in situations where construction activities would imminently endanger historic resources. The City of Berkeley Planning and Development Department shall establish the frequency of monitoring and reporting. The project sponsor shall respond to any claims of damage by inspecting the affected property promptly, but in no case more than 5 working days after the claim was filed and received by the project sponsor. A sign shall be posted in a visible place onsite and a letter shall be sent to the hotel owner or manager specifying the monitoring team's contact information prior to the start of construction activities. Any new cracks or other changes in the Shattuck Hotel shall be compared to pre-construction conditions and a determination made as to whether the proposed project could have caused such damage. In the event that the project is demonstrated to have caused any damage, such damage shall be repaired to the pre-existing condition. Site visit reports and documents associated with claims processing shall be provided to			

Impact Statement	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	the City of Berkeley Planning and Development Department. Monitoring reports shall be submitted to the City of Berkeley Planning and Development Department on a periodic basis. All work required by this Measure shall be at the project sponsor's expense.			
	CR-4(c) Training Program. The historic preservation architect referenced in Mitigation Measures CR-4(a) shall establish a training program for construction workers involved in the project that emphasizes the importance of protecting historic resources. This program shall include information on recognizing historic fabric and materials, and directions on how to exercise care when working around and operating equipment near the Shattuck Hotel, including storage of materials away from the historic building. It shall also include information on means to reduce vibrations from demolition and construction, and monitoring and reporting any potential problems that could affect the historic resource. A provision for establishing this training program shall be incorporated into the general contractor's contract with the project applicant regarding construction of the project, and the contract provisions shall be reviewed and approved by the City of Berkeley Planning and Development Department. All work required by this Measure shall be at the project sponsor's expense.	Applicant's preservation architecture and structural engineering consultants City of Berkeley Planning Department, Land Use Division	Prior to the issuance of a demolition permit	
II. TRANSPORTATION/TRAFFIC				
T-2 Development facilitated by the proposed project would increase future (years 2020 and 2035) traffic levels on the local circulation system. One of the 10 studied	**T-2 Dedicated Right-Turn Pocket at Shattuck Avenue/Durant Avenue Intersection.** The northbound outside lane at the intersection of Shattuck Avenue and Durant Avenue shall be restriped to	Applicant shall obtain a permit for the restriping of this intersection	Prior to issuance of Certificate of Occupancy.	

Impact Statement	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
intersections would operate at levels of service that exceed its performance standards under the Year 2035 scenario.	provide a dedicated right-turn pocket by the applicant prior to issuance of Certificate of Occupancy.	City of Berkeley Public Works Department to review		

Table 2: 2211 Harold Way Mixed-Use Project Infill Checklist Mitigation Monitoring and Reporting Program

Impacts	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
I. AIR QUALITY				
AIR-2 This proposed project may expose sensitive receptors to TACs or odors through development of new residential units near non-residential development that may be sources of TACs or odors near existing residences or other sensitive receptors.	**AIR-2 Buffer TAC and Odor Emission Sources and Sensitive Land Uses.** Consider potential air pollution and odor impacts from future development that may emit pollution and/or odors when locating (a) air pollution sources, and (b) residential and other pollution-sensitive land uses in the vicinity of air pollution sources (which may include areas where buses idle, diesel generators, parking garage vents, restaurants, and other similar uses). Buffer sensitive receptors from TACs whenever possible, and if buffering is not feasible, apply appropriate mitigation to reduce impacts to a less than significant level, such as air filtration systems or other technologies.	Applicant and Architect City of Berkeley Planning Department, Division of Public Works	Prior to the issuance of Building Permit	
AIR-3 The proposed project would result in temporary emissions of dust and diesel exhaust that may result in both nuisance and health impacts.	**AIR-3 Implement BAAMD-Recommended Measures to Control PM_{10} Emissions during Construction.** Measures to reduce diesel particulate matter and PM_{10} from construction are recommended to ensure that short-term health impacts to nearby sensitive receptors are avoided. **Dust (PM_{10}) Control Measures:** • Water all active construction areas at least twice daily and more often during windy periods. Active areas adjacent to residences should be kept damp at all times. • Cover all hauling trucks or maintain at least two feet of freeboard.	Construction Contractor City of Berkeley Planning Department, Division of Public Works	During demolition, site preparation and project construction	

Impacts	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	• Pave, apply water at least twice daily, or apply (non-toxic) soil stabilizers on all unpaved access roads, parking areas, and staging areas. • Sweep daily (with water sweepers) all paved access roads, parking areas, and staging areas and sweep streets daily (with water sweepers) if visible soil material is deposited onto the adjacent roads. • Hydroseed or apply (non-toxic) soil stabilizers to inactive construction areas (i.e., previously-graded areas that are inactive for 10 days or more). • Enclose, cover, water twice daily, or apply (non-toxic soil binders to exposed stockpiles. • Limit traffic speeds on any unpaved roads to 15 mph. • Replant vegetation in disturbed areas as quickly as possible. • Suspend construction activities that cause visible dust plumes to extend beyond the construction site. **Measures to Reduce Diesel Particulate Matter and PM $_{2.5}$:** • Clear signage at all construction sites will be posted indicating that diesel equipment standing idle for more than five minutes shall be turned off. This would include trucks waiting to deliver or receive soil, aggregate, or other bulk materials. Rotating drum concrete trucks			

Impacts	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	could keep their engines running continuously as long as they were onsite or adjacent to the construction site. • Opacity is an indicator of exhaust particulate emissions from off-road diesel powered equipment. The project shall ensure that emissions from all construction diesel powered equipment used on the project site do not exceed 40 percent opacity for more than three minutes in any one hour. Any equipment found to exceed 40 percent opacity (or Ringelmann 2.0) shall be repaired immediately. • The contractor shall install temporary electrical service whenever possible to avoid the need for independently powered equipment (e.g., compressors). • Properly tune and maintain equipment for low emissions.			
II. CULTURAL RESOURCES				
CR-3 The proposed project would result in the destruction or disturbance of unidentified subsurface archaeological resources, which would represent a potentially significant impact.	**CR-3 Halt Work/Archaeological Evaluation/Site-Specific Mitigation.** If archaeological resources are uncovered during construction activities, all work within 50 feet of the discovery shall be redirected until a qualified archaeologist can be contacted to evaluate the situation, determine if the deposit qualifies as an archaeological resource, and provide recommendations. If the deposit does not qualify as an archaeological resource, then no further protection or study is necessary. If the deposit does qualify as an archaeological	Construction Contractor City of Berkeley Planning Department, Land Use Division	Throughout site preparation and ground disturbing activities of project construction, and in the event that archaeological resources are encountered on-site.	

Impacts	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	resource, then the impacts to the deposit shall be avoided by project activities. If the deposit cannot be avoided, adverse impacts to the deposit must be mitigated. Mitigation may include, but is not limited to, archaeological data recovery. Upon completion of the archaeologist's assessment, a report should be prepared documenting the methods, findings and recommendations. The report should be submitted to the City, the project proponent and the NWIC.			
CR-4 The proposed project could result in the destruction of unidentified subsurface paleontological resources.	**CR-4 Halt Work/Paleontological Evaluation/Site-Specific Mitigation.** Should paleontological resources be encountered during construction or site preparation activities, such works shall be halted in the vicinity of the find. A qualified paleontologist shall be contacted to evaluate the nature of the find and determine if mitigation is necessary. All feasible recommendations of the paleontologist shall be implemented. Mitigation may include, but is not limited to, in-field documentation and recovery of specimen(s), laboratory analysis, the preparation of a report detailing the methods and findings of the investigation, and curation at an appropriate paleontological collection facility.	Construction Contractor City of Berkeley Planning Department, Land Use Division	Throughout site preparation and ground disturbing activities of project construction, and in the event that paleontological resources are encountered on-site.	
CR-5 The proposed project could result in the disturbance of unidentified subsurface human remains, which would represent a potentially significant impact.	**CR-5 Halt Work/Coroner's Evaluation/Native American Heritage Consultation/Compliance with Most Likely Descendent Recommendations**. If human remains are encountered during construction activities, all work within 50 feet of the remains should be redirected and the County Coroner notified immediately. At the same time, an archaeologist shall be contacted to assess the situation. If the	Construction Contractor City of Berkeley Planning Department, Land Use Division	Throughout site preparation and ground disturbing activities of project construction, and in the event that unidentified subsurface human remains are	

Impacts	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	human remains are of Native American origin, the Coroner must notify the Native American Heritage Commission within 24 hours of this identification. The Native American Heritage Commission will identify a Native American Most Likely Descendant (MLD) to inspect the site and provide recommendations for the proper treatment of the remains and any associated grave goods. The archaeologist shall recover scientifically-valuable information, as appropriate and in accordance with the recommendations of the MLD. Upon completion of the archaeologist's assessment, a report should be prepared documenting methods and results, as well as recommendations regarding the treatment of the human remains and any associated archaeological materials. The report should be submitted to the City, the project proponent and the NWIC.		encountered on-site.	
III. NOISE				
NOI-1 The proposed project under the DAP could be exposed to excessive noise levels, noise levels along many Downtown Area roadways would exceed those considered compatible with exterior residential land uses. This would represent a potentially significant impact. Where exterior noise levels exceed 70 dBA Ldn, such as along University Avenue and Shattuck Avenue, residential	**NOI-1 Site-Specific Noise Studies/Site Planning/Noise Control Treatments.** Future residential units proposed under the DAP would be exposed to outdoor noise levels in excess of 60 dBA Ldn and indoor noise levels in excess of 45 dBA Ldn, which would exceed the City's and state's established land use compatibility thresholds. In areas where residential development would be exposed to an Ldn of greater than 60 dBA, site-specific noise studies should be conducted to determine the area of impact and to present appropriate mitigation measures, which may include the following:	City of Berkeley Planning Department, Land Use Division	Prior to the issuance of Building Permit	

Impacts	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
units would not be able to meet the 45-dBA Ldn interior standard simply through typical construction methods. This would be a potentially significant impact. Retail units developed under the DAP along most of the area roadways would meet the exterior commercial land use compatibility guideline of 70 dBA Ldn established in the Noise Element. Exterior noise levels would exceed 70 dBA Ldn along University Avenue and Shattuck Avenue. This would be a potentially significant impact.	• Utilize site planning to minimize noise in shared residential outdoor activity areas by locating these areas behind the buildings, in courtyards, or orienting the terraces to alleyways rather than streets, whenever possible. • The California Building Code and the City of Berkeley require project specific acoustical analyses to achieve interior noise levels of 45 dBA Ldn or lower in residential units exposed to exterior noise levels greater than 60 dBA Ldn. Building sound insulation requirements would need to include the provision of forced-air mechanical ventilation in noise environments exceeding 70 dBA Ldn so that windows could be kept closed at the occupant's discretion to control noise. Special building construction techniques (e.g., sound-rated windows and building façade treatments) may be required where exterior noise levels exceed 65 dBA Ldn. These treatments include, but are not limited to, sound rated windows and doors, sound rated exterior wall assemblies, acoustical caulking, etc. The specific determination of what treatments are necessary will be conducted on a unit-by-unit basis during project design. Result of the analysis, including the description of the necessary noise control treatments, will be submitted to the City along with the building plans and approved prior to issuance of a building permit. Feasible construction techniques			

Impacts	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	such as these would adequately reduce interior noise levels to 45 dBA Ldn or lower. Implementation of the above measure would reduce the impact to a level of less than significant.			
NOI-5 The proposed project would intermittently expose businesses and residences throughout the Downtown Area to high levels of noise throughout the planning horizon. Construction would elevate noise levels at adjacent businesses and residences by 15 to 20 dBA or more, significant impact.	**NOI-5 Develop Site-Specific Noise-Reduction Programs and Implement Noise Abatement Measures During Construction.** Prior to the issuance of building permits, the applicant shall develop a site specific noise reduction program prepared by a qualified acoustical consultant to reduce construction noise impacts to the maximum extent feasible, subject to review and approval of the Zoning Officer. The noise reduction program shall include appropriate time limits for construction (7:00 AM to 7:00 PM on weekdays and between the hours of 9:00 AM and 8:00 PM on weekends or holidays) as well as technically and economically feasible controls to meet the requirements of the Berkeley Municipal Code. The noise reduction program should include, but shall not be limited to, the following available controls to reduce construction noise levels as low as practical: • Construction equipment should be well maintained and used judiciously to be as quiet as practical. • Equip all internal combustion engine-driven equipment with mufflers, which are in good condition and appropriate for the equipment. • Utilize “quiet” models of air compressors and other stationary noise sources where technology exists.	City of Berkeley Planning Department, Land Use Division	Prior to the issuance of a Building Permit	

Impacts	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	Select hydraulically or electrically powered equipment and avoid pneumatically powered equipment where feasible. • Locate stationary noise-generating equipment as far as possible from sensitive receptors when adjoining construction sites. Construct temporary noise barriers or partial enclosures to acoustically shield such equipment where feasible. • Prohibit unnecessary idling of internal combustion engines. • If impact pile driving is required, pre-drill foundation pile holes to minimize the number of impacts required to seat the pile. • Construct solid plywood fences around construction sites adjacent to operational business, residences or other noise-sensitive land uses where the noise control plan analysis determines that a barrier would be effective at reducing noise. • Erect temporary noise control blanket barriers, if necessary, along building facades facing construction sites. This mitigation would only be necessary if conflicts occurred which were irresolvable by proper scheduling. Noise control blanket barriers can be rented and quickly erected.			

Impacts	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	• Route construction related traffic along major roadways and away from sensitive receptors where feasible • Businesses, residences or other noise-sensitive land uses within 500 feet of construction sites should be notified of the construction schedule in writing prior to the beginning of construction. Designate a "construction liaison" that would be responsible for responding to any local complaints about construction noise. The liaison would determine the cause of the noise complaints (e.g., starting too early, bad muffler, etc.) and institute reasonable measures to correct the problem. Conspicuously post a telephone number for the liaison at the construction site.			
NOI-6 The proposed project would expose residences, businesses, and historic structures within or in the vicinity of the Downtown Area to construction-related vibration during the excavation and foundation work of the buildings constructed during the DAP, a significant impact.	**NOI-6 Avoidance of Pile-Driving/Site-Specific Vibration Studies/Monitoring/ Contingency Planning.** The following measures are recommended to reduce vibration from construction activities: • Avoid impact pile-driving where possible. Drilled piles causes lower vibration levels where geological conditions permit their use. • Avoid using vibratory rollers and tampers near sensitive areas. • In areas where project construction is anticipated to include vibration generating activities, such as pile-driving in close proximity to existing structures, site-specific vibration studies should be	City of Berkeley Planning Department, Land Use Division	Prior to the issuance of a Building Permit	

Impacts	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	conducted to determine the area of impact and to present appropriate mitigation measures that may include the following: o Identification of sites that would include vibration compaction activities such as pile-driving and that have the potential to generate groundborne vibration, and the sensitivity of nearby structures to goundborne vibration. Vibration limits should be applied to all vibration-sensitive structures located within 200 feet of the project. A qualified structural engineer should conduct this task. o Development of a vibration monitoring and construction contingency plan to identify structures where monitoring would be conducted, set up a vibration monitoring schedule, define structure-specific vibration limits, and address the need to conduct photo, elevation, and crack surveys to document before and after construction conditions o Construction contingencies would be identified for when vibration levels approached the limits. o At a minimum, vibration monitoring should be conducted during initial demolition activities and during pile-driving activities. Monitoring results			

Impacts	Mitigation Measures	Monitoring Responsibility	Monitoring Timing	Verification (Date and Initials)
	may indicate the need for more or less intensive measurements. o When vibration levels approach limits, suspend construction and implement contingencies to either lower vibration levels or secure the affected structures. o Conduct post-survey on structure where either monitoring has indicated high levels or complaints of damage has been made. Make appropriate repairs or compensation where damage has occurred as a result of vibration.			

BERKELEY PLAZA

2065 KITTREDGE ST, BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC.

SHEET LIST

A0-000	COVER SHEET
A0-001	EXISTING SITE PHOTOS
A0-002	EXISTING SITE PHOTOS
A0-003	EXISTING SITE PHOTOS
A0-004	DEMO SITE PLAN EXHIBIT
A0-005	PROJECT STATS
A0-006	ZONING AND CODE INFO
A0-007	DENSITY BONUS PLANS - BASE
A0-008	DENSITY BONUS PLANS - PROPOSED
A0-009	DENSITY BONUS MODEL
A0-010	SITE DIAGRAMS
A1-001	SITE PLAN EXISTING- LEVEL U1
A1-002	SITE PLAN EXISTING- LEVEL 1
A1-003	SITE PLAN PROPOSED- LEVEL U1
A1-004	SITE PLAN PROPOSED- LEVEL 1
A1-100	ELECTRICAL ROOM DEMO, PLAN, SECTION
A1-101	PLAN- LEVEL U1
A1-111	PLAN- LEVEL 1
A1-112	PLAN- LEVEL 1 ENLARGED
A1-121	PLAN- LEVEL 2
A1-131	PLAN- LEVEL 3
A1-141	PLAN- LEVEL 4-7
A1-181	PLAN- LEVEL 8
A1-191	PLAN- ROOF
A1-201	NEW SERVICE HALL/ELECTRICAL ROOM PLAN
A1-301	LANDSCAPE CONCEPT PLAN
A3-001	ELEVATIONS- WEST (HAROLD WAY)
A3-002	ELEVATIONS- SOUTH (KITTREDGE ST.)
A3-003	ELEVATIONS- NORTH (ALLSTON WAY)
A3-004	ELEVATIONS- NORTH (HIDDEN)
A3-005	ELEVATIONS- EAST (HIDDEN)
A3-006	ELEVATIONS- SOUTH ENLARGED (KITTREDGE ST.)
A3-101	BUILDING SECTION
A3-102	BUILDING SECTION
A3-201	PERSPECTIVES
A3-202	PERSPECTIVES
A3-301	SHADOW STUDIES - JUNE 21
A3-302	SHADOW STUDIES - DEC 21
A3-303	SHADOW STUDIES - DEC 10
A3-304	STREET STRIP ELEVATIONS
A3-305	MATERIAL BOARDS
A5-001	SAMPLE UNITS

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DOCUMENT ISSUANCES:

09-16-21	|	SCHEMATIC DESIGN
10-25-21	|	USE PERMIT
12-10-21	|	USE PERMIT RESUBMISSION
12-22-21	|	STRUCTURAL ALTERATION PERMIT
01-11-22	|	USE PERMIT RESUBMISSION
02-25-22	|	USE PERMIT RESUBMISSION DRAFT
03-17-22	|	USE PERMIT RESUBMISSION
03-23-22	|	SAP RESUBMISSION
04-11-22	|	DRC MEETING - APRIL 21ST, 2022
05-10-22	|	LANDMARK MEETING - JUNE 2ND, 2022
07-01-22	|	STAFF REVIEW PACKAGE
08-22-22	|	USE PERMIT RESUBMISSION

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

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No.	Description	Date
C	SD SET	9/16/21
D	USE PERMIT	10/25/21
E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
G	USE PERMIT RESUBMIT.	1/11/22
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
O	STAFF REVIEW	07/01/22
P	USE PERMIT RESUBMIT.	08/22/22

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BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
COVER SHEET

SHEET NUMBER:
A0-000

NOT RELEASED FOR CONSTRUCTION

1 A0-001 SITE PHOTO - KITTREDGE ST AND HAROLD WAY - LOOKING EAST
12" = 1'-0"

2 A0-001 SITE PHOTO - ALLSTON WAY AND HAROLD WAY - LOOKING EAST
12" = 1'-0"

3 A0-001 SITE PHOTO - HAROLD WAY - LOOKING SOUTH
12" = 1'-0"

4 A0-001 SITE PHOTO - KITTREDGE ST - LOOKING WEST
12" = 1'-0"

PROJECT # : 121246
DRAWN BY: TF
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No.	Description	Date
D	USE PERMIT	10/25/21
E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
I	SAP RESUBMIT.	3/23/22
N	JUNE LMRKS. MEETING	5/10/22

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2065 KITTREDGE ST
BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
EXISTING SITE PHOTOS

SHEET NUMBER:
A0-001

NOT RELEASED FOR CONSTRUCTION

1 A0-002 SITE PHOTO - ALLSTON WAY FACADE
12" = 1'-0"

4 A0-002 SITE PHOTO - KITTREDGE ST FACADE
12" = 1'-0"

2 A0-002 SITE PHOTO - HAROLD WAY NORTH FACADE
12" = 1'-0"

3 A0-002 SITE PHOTO - HAROLD WAY SOUTH FACADE
12" = 1'-0"

PROJECT # : 121246
DRAWN BY: Author
CHECKED BY: Checker

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
F	SAP	12/22/21
I	SAP RESUBMIT.	3/23/22
N	JUNE LMRKS. MEETING	5/10/22

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
EXISTING SITE PHOTOS

SHEET NUMBER:
A0-002

NOT RELEASED FOR CONSTRUCTION

1 A0-003 SITE PHOTO - ALLSTON WAY - EXISTING HOTEL
12" = 1'-0"

2 A0-003 SITE PHOTO - SHATTUCK AVE - EXISTING HOTEL
12" = 1'-0"

3 A0-003 SITE PHOTO - SHATTUCK AVE AND ALLSTON WAY - EXISTING HOTEL
12" = 1'-0"

4 A0-003 SITE PHOTO - SHATTUCK AVE AND KITTREDGE ST - EXISTING HOTEL
12" = 1'-0"

PROJECT # : 121246
DRAWN BY: Author
CHECKED BY: Checker

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No.	Description	Date
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N	JUNE LMRKS. MEETING	5/10/22

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CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
EXISTING SITE PHOTOS

SHEET NUMBER:
A0-003

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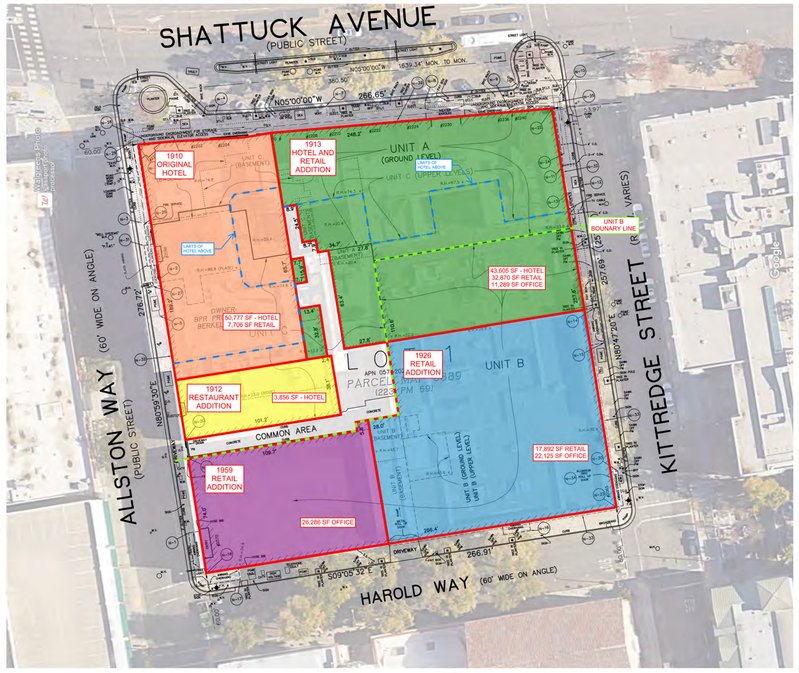
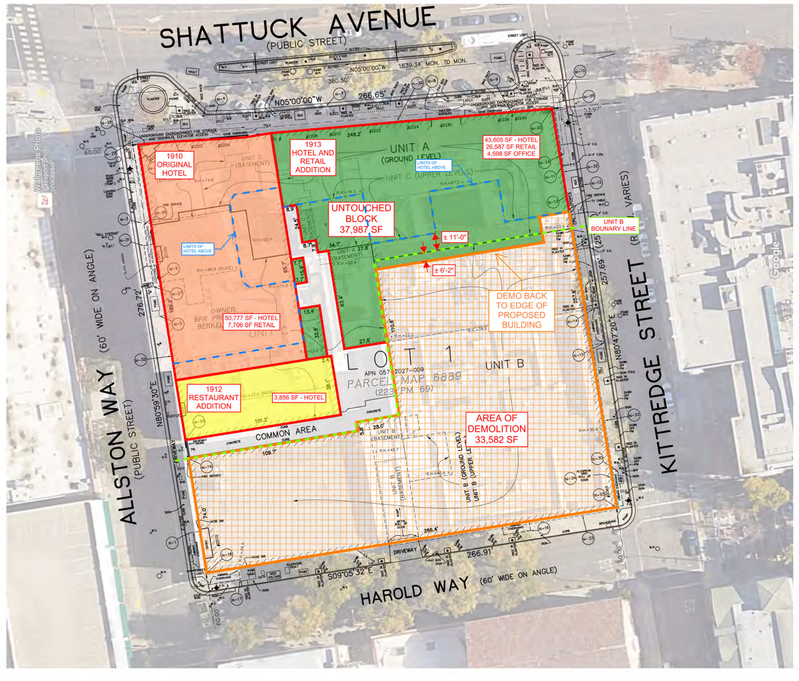
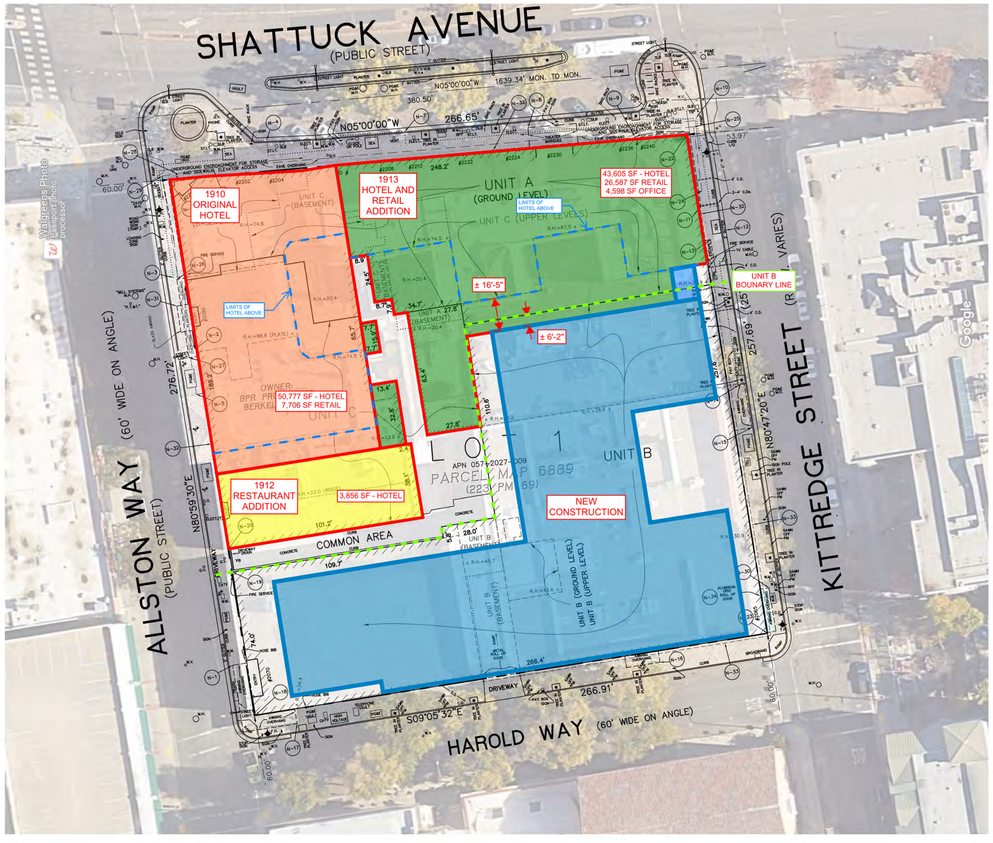


EXISTING DIAGRAM



DEMO DIAGRAM



PROPOSED CONSTRUCTION DIAGRAM

1 DEMO SITE PLAN EXHIBIT
A0-004 NOT TO SCALE

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
D	USE PERMIT	10/25/21
E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LNRKS. MEETING	5/10/22

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
DEMO SITE PLAN EXHIBIT

SHEET NUMBER:
A0-004

NOT RELEASED FOR CONSTRUCTION

UNIT MIX

	Name	S1	S2-A	S2-B	S3	MS1-A	MS1-B	NS1	A1-A	A1-B	A2-A	A2-B	A3	B1-A	B1-B	B2-A	B2-B	B2-C	B2-D	B2-E	B3-A	B3-B	B4	B5	B6-A	B6-B	B7-A	B7-B	B8	B9	C1	C2	LW-A	Total Units	Total Beds
	Bedrooms	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	1		
	Bathrooms	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	1.5		
	Beds	1	1	1	1	1	1	1	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	3		
	Unit GSF	436	381	375	396	322	348	295	638	633	641	695	718	952	986	984	991	1003	993	908	1030	973	953	956	962	909	977	932	953	971	1373	1374	867		
WOOD	Floor 8	1	–	1	–	2	–	1	2	1	2	–	–	4	1	–	–	–	–	1	–	1	1	1	–	1	–	1	–	1	–	–	1	–	23	69
WOOD	Floor 7	1	–	1	–	2	1	1	1	1	2	–	–	4	1	1	1	–	1	–	1	–	1	1	1	–	1	–	1	1	1	1	–	27	86
WOOD	Floor 6	1	–	1	–	2	1	1	1	1	2	–	–	4	1	1	1	–	1	–	1	–	1	1	1	–	1	–	1	1	1	1	–	27	86
WOOD	Floor 5	1	–	1	–	2	1	1	1	1	2	–	–	4	1	1	1	–	1	–	1	–	1	1	1	–	1	–	1	1	1	1	–	27	86
WOOD	Floor 4	1	–	1	–	2	1	1	1	1	2	–	–	4	1	1	1	–	1	–	1	–	1	1	1	–	1	–	1	1	1	1	–	27	86
CONC	Floor 3	1	1	–	–	2	1	1	2	–	–	2	–	4	1	1	1	1	–	–	1	–	1	1	1	–	1	–	1	1	1	1	–	27	86
CONC	Floor 2	1	1	–	1	2	–	1	3	–	–	–	1	4	4	–	–	–	–	–	–	1	1	1	1	–	–	–	1	–	–	–	–	23	66
CONC	Floor 1	–	–	–	–	–	–	–	1	–	–	–	–	1	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4	6	18
CONC	Floor -1																																	–	–
	Total Units	7	2	5	1	14	5	7	12	5	10	2	1	29	10	5	5	1	4	1	5	2	7	7	6	1	5	1	7	5	5	6	4	187	583
											30											101									11		4		
	Unit Mix	4%	1%	3%	1%	7%	3%	4%	6%	3%	5%	1%	1%	16%	5%	3%	3%	1%	2%	1%	3%	1%	4%	4%	3%	1%	3%	1%	4%	3%	3%	3%	2%	**% of Mix**	
					22%						16%											54%									6%		2%		
	Total Bedrooms	7	2	5	1	14	5	7	12	5	10	2	1	58	20	10	10	2	8	2	10	4	14	14	12	2	10	2	14	10	15	18	4	310	
	Bedroom Mix	2%	1%	2%	0%	5%	2%	2%	4%	2%	3%	1%	0%	19%	6%	3%	3%	1%	3%	1%	3%	1%	5%	5%	4%	1%	3%	1%	5%	3%	5%	6%	1%	100%	
	Total Beds	7	2	5	1	14	5	7	24	10	20	4	2	116	40	20	20	4	16	4	20	8	28	28	24	4	20	4	28	20	30	36	12	583	
	Bed Mix	1%	0%	1%	0%	2%	1%	1%	4%	2%	3%	1%	0%	20%	7%	3%	3%	1%	3%	1%	3%	1%	5%	5%	4%	1%	3%	1%	5%	3%	5%	6%	2%	100%	
											10%											69%									11%		2%		

	S1	S2-A	S2-B	S3	MS1-A	MS1-B	NS1	A1-A	A1-B	A2-A	A2-B	A3	B1-A	B1-B	B2-A	B2-B	B2-C	B2-D	B2-E	B3-A	B3-B	B4	B5	B6-A	B6-B	B7-A	B7-B	B8	B9	C1	C2	LW-A	Total
	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	1	
	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	1.5	
	1	1	1	1	1	1	1	2	2	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	3	
	436	381	375	396	322	348	295	638	633	641	695	718	952	986	984	991	1003	993	908	1030	973	953	956	962	909	977	932	953	971	1373	1374	867	
Floor 8	436	–	375	–	644	–	295	1,276	633	1,282	–	–	3,808	986	–	–	–	–	908	–	973	953	956	–	909	–	932	953	–	–	1,374	–	17,693
Floor 7	436	–	375	–	644	348	295	638	633	1,282	–	–	3,808	986	984	991	–	993	–	1,030	–	953	956	962	–	977	–	953	971	1,373	1,374	–	21,962
Floor 6	436	–	375	–	644	348	295	638	633	1,282	–	–	3,808	986	984	991	–	993	–	1,030	–	953	956	962	–	977	–	953	971	1,373	1,374	–	21,962
Floor 5	436	–	375	–	644	348	295	638	633	1,282	–	–	3,808	986	984	991	–	993	–	1,030	–	953	956	962	–	977	–	953	971	1,373	1,374	–	21,962
Floor 4	436	–	375	–	644	348	295	638	633	1,282	–	–	3,808	986	984	991	–	993	–	1,030	–	953	956	962	–	977	–	953	971	1,373	1,374	–	21,962
Floor 3	436	381	–	–	644	348	295	1,276	–	–	1,390	–	3,808	986	984	991	1,003	–	–	1,030	–	953	956	962	–	977	–	953	971	1,373	1,374	–	22,091
Floor 2	436	381	–	396	644	–	295	1,914	–	–	–	718	3,808	3,944	–	–	–	–	–	–	973	953	956	962	–	–	–	953	–	–	–	–	17,333
Floor 1	–	–	–	–	–	–	–	638	–	–	–	–	952	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	3,468	5,058
Floor -1													–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	3,052	762	1,875	396	4,508	1,740	2,065	7,656	3,165	6,410	1,390	718	27,608	9,860	4,920	4,955	1,003	3,972	908	5,150	1,946	6,671	6,692	5,772	909	4,885	932	6,671	4,855	6,865	8,244	3,468	150,023
	AVG. 351							AVG. 645					AVG. 967																	AVG. 1,374			

AREA TABLE

Area Tables in Pro Forma

Floors	GSF	Common	Utility	Res.	Amenity / Lobby	Retail	Parking	Exterior SF (not in GSF)	# Units	# Parking	Efficiency	Height
Floor 8	22,752	3,492	452	17,740	1,068	–	–	2,946	23		78.0%	85
Floor 7	26,157	3,678	430	22,049	–	–	–	–	27		84.3%	74
Floor 6	26,157	3,678	430	22,049	–	–	–	–	27		84.3%	64
Floor 5	26,157	3,678	430	22,049	–	–	–	–	27		84.3%	54
Floor 4	26,157	3,678	430	22,049	–	–	–	–	27		84.3%	44
Floor 3	26,360	3,656	431	22,273	–	–	–	–	27		84.5%	34
Floor 2	24,111	3,630	533	17,590	2,358	–	–	–	23		73.0%	24
Floor 1	23,946	2,982	3,711	3,599	5,522	4,993	3,139	–	6		15.0%	14
Floor -1	19,684	884	980	–	–	–	17,820	–	–	43	0.0%	(10)
Total	**221,481**	**29,356**	**7,827**	**149,398**	**8,948**	**4,993**	**20,959**	**2,946**	**187**	**43**		

EXISTING SITE DESCRIPTION

THE USE OF THE APPROXIMATELY 95,000 SF EXISTING BUILDING INCLUDES SERVICE AND OFFICE SPACE (APPROXIMATELY 3,000 RSF) ON 4 LEVELS (BASEMENT THROUGH PARTIAL THIRD FLOOR). THERE WERE NO PREVIOUS RESIDENTIAL USES ON THE PROJECT SITE. THE ENTIRE EXISTING BUILDING AND BASEMENT WILL BE DEMOLISHED WITHIN THE PROPERTY BOUNDARY.

PROPOSED PROJECT DESCRIPTION

THE PROPOSED PROJECT IS A MIX-USED OFF-CAMPUS STUDENT HOUSING COMMUNITY THAT CONTAINS 187 UNITS (583 BEDS).THE PROJECT UNIT TYPES INCLUDE STUDIOS, 1 BEDROOM, 2 BEDROOM, 3 BEDROOM, AND LIVE/WORK UNITS.

THE BUILDING TOTALS 221,401 GSF, WHICH INCLUDES 149,398 SF OF RESIDENTIAL AREA AND 8,948 SF OF INDOOR RESIDENTIAL AMENITY AREA IN ADDITION TO 2,946 SF OF ELEVATED ROOF TERRACE AMENITY. THERE IS ALSO 4,993 SF OF GROUND LEVEL COMMERCIAL.

THE PROJECT IS DESIGNED AS TYPE-IIIA CONSTRUCTION (WOOD) OVER TYPE-IA (PODIUM) WITH A TOTAL OF 8 RESIDENTIAL LEVELS. A PARTIAL BASEMENT IS ALSO PROVIDED TO HOUSE 43 PARKING SPACES. ADDITIONALLY, THE PROJECT WILL PROVIDE 122 BIKE PARKING SPACES ON LEVEL 1.

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

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Atlanta, GA 30305

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
B	PRELIM.APP SB330	7/21/21
C	SD SET	9/16/21
D	USE PERMIT	10/25/21
E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
P	USE PERMIT RESUBMIT.	08/22/22

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
PROJECT STATS

SHEET NUMBER:
A0-005

NOT RELEASED FOR CONSTRUCTION

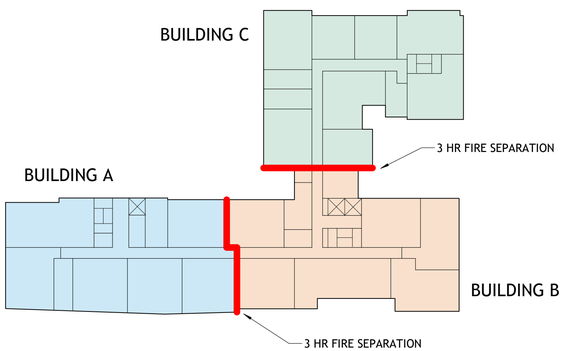
CONSTRUCTION INFORMATION

BERKELEY PLAZA	
CONSTRUCTION TYPE	5 LEVELS OF TYPE IIIA CONSTRUCTION OVER 3 LEVELS OF TYPE IA AND 1 BASEMENT LEVEL OF TYPE IA
SPRINKLER SYSTEM	NFPA 13
CLIMATE ZONE	3
SEISMIC CATEGORY	D
JURISDICTION	CITY OF BERKELEY

BUILDING HEIGHTS AND AREAS				
TYPE IIIA CONSTRUCTION				
BUILDING HEIGHT, PER CBC TABLE 504.3 AND 504.4	MAX ALLOWABLE STORIES: 5			
	ACTUAL STORIES (ABOVE PODIUM): 5			
	MAX ALLOWABLE HEIGHT: 85'			
	ACTUAL HEIGHT (ABOVE AVG GRADE): 84'			
BUILDING AREA, PER CBC TABLE 506.2 [At+(NS x If)]xSa	LEVEL	BLDG A AREA	BLDG B AREA	BLDG C AREA
	4	8,441 SF	8,841 SF	8,727 SF
	5	8,441 SF	8,841 SF	8,727 SF
	6	8,441 SF	8,841 SF	8,727 SF
	7	8,441 SF	8,841 SF	8,727 SF
	8	5,268 SF	8,784 SF	8,629 SF
TOTAL PROPOSED BUILDING AREA		**39,032 SF**	**44,148 SF**	**43,537 SF**
At: Tabular Area per Table 506.2 SM NS: Tabular Area Factor for non Sprinkled If: Frontage Increase Sa: 2 (R Occupancy)		24,000 + (24,000 X 0) X2 =	24,000 + (24,000 X 0) X2 =	24,000 + (24,000 X 0) X2=
TOTAL ALLOWABLE AREA		**48,000 SF**	**48,000 SF**	**48,000 SF**
TYPE IA CONSTRUCTION				
BUILDING HEIGHT PER CBC TABLE 504.3 AND 504.4	MAX ALLOWABLE STORIES: UNLIMITED			
	ACTUAL STORIES: 3			
	MAX ALLOWABLE HEIGHT: UNLIMITED			
	ACTUAL HEIGHT (ABOVE AVG GRADE): 34'			
BUILDING AREA, PER CBC TABLE 506.2	TOTAL ALLOWABLE AREA: UNLIMITED			
	TOTAL PROPOSED AREA: 98,305 SF			

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS PER TABLE 601				
BUILDING ELEMENT	REQUIRED HOURLY RATING		PROVIDED HOURLY RATING	
	TYPE IA	TYPE IIIA	TYPE IA	TYPE IIIA
PRIMARY STRUCTURAL FRAME	3	1	3	1
EXTERIOR BEARING WALL	3	2	3	2
INTERIOR BEARING WALL	3	1	3	1
NON-BEARING EXTERIOR WALL	2	2	2	2
FLOOR CONSTRUCTION	2	1	2	1
ROOF CONSTRUCTION	1.5	1	1.5	1

ACCESSIBILITY PROVISIONS	
UNITS	ALL UNITS TO COMPLY WITH THE FAIR HOUSING ACT AS THE BASE SAFE HARBOR. ALL UNITS TO BE ADAPTABLE AND ACCESSIBLE PER CBC SECTION 1128A.1
PUBLIC AREAS	ALL AREAS OF COMMERCE THAT ARE OPEN TO THE PUBLIC MUST COMPLY WITH 2010 ADA ACCESSIBILITY GUIDELINES AND CBC CHAPTER 11B
COMMON USE AREAS	ALL COMMON USE AREAS NOT OPEN TO THE PUBLIC MUST COMPLY WITH CBC SECTION 1127A
MEANS OF EGRESS	
	EXITS TO BE 1/3 DIAGONAL OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED, MEASURED ALONG THE SHORTEST DIRECT LINE OF TRAVEL WITHIN A ONE HOUR RATED CORRIDOR
	AREAS OF REFUGE NOT REQUIRED PER CBC 1009.3 EXCEPTION 8

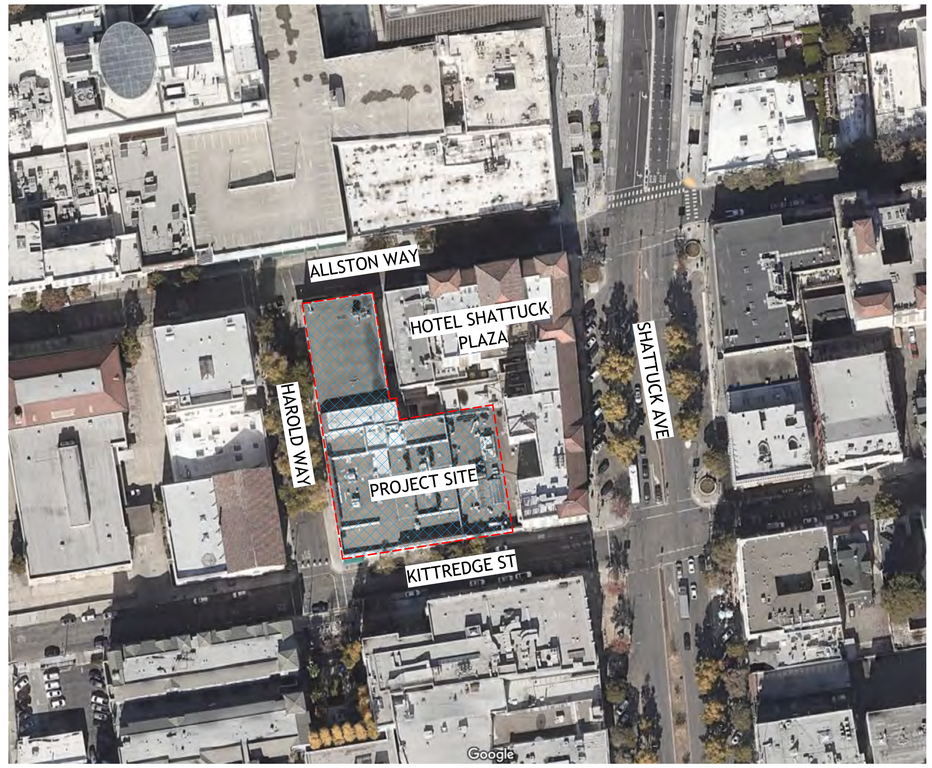


CODE INFORMATION

The proposed project will comply with the Berkeley Energy Code (BMC Chapter 19.36) and Berkeley Green Code (BMC Chapter 19.37), adopted by City Council on December 3rd., 2019, where building design must incorporate all-electric systems.

WAIVER/CONCESSION LIST

- Waiver to exceed the height limit – Proposed at 87'-0", where 60 ft/75 ft with use permit is the limit. The 87'-0" proposed is measured to top of roof and does not include the additional 5 feet parapet allowed by right.
- Waiver to construct rooftop projections, such as mechanical appurtenances or architectural elements which exceed the maximum heigh limit for the district.
- Waiver to reduce the 15' minimum front setbacks above 75'
- Waiver to increase the 5' maximum front setbacks between 0' to 20'
- Waiver to reduce the minimum landscape coverage of usable open space from 40% of the provided usable open space to 25% of the provided usable open space
- Waiver to reduce the required parking spaces for the commercial spaces from 8 required spaces to 0 provided spaces.
- Concession for 20% reduction in useable open space and the percentage of associated landscaped area.



1 SITE MAP
A0-006 12" = 1'-0"

TRUE NORTH

TABULATION FORM

PROJECT ADDRESS: 2065 KITTREDGE ST DATE: 08-22-22
APPLICANT'S NAME: BILL SCHRADER ZONING DISTRICT: C-DMU CORE

UNIT, PARKING SPACES, AND BEDROOMS	*Existing*	*Proposed*	*Permitted/ Required*	
NUMBER OF DWELING UNITS	0	187	NA	
NUMBER OF PARKING SPACES MAX 0.5 SPACES PER UNIT	0	43	0 MIN 94 MAX	
NUMBER OF BIKE PARKING SPACES 310 BEDROOMS 1 LONG TERM SPACE PER 3 BEDROOMS = 104 SPACES 1 SHORT TERM SPACE PER 40 BEDROOMS = 8 SPACES	0	122 LOCATED ON LEVEL 1	112	
YARDS AND HEIGHTS				
FRONT YARD SETBACK (FT)	0'	0'	0' MIN (0'-75' HEIGHT) 15' MIN (75'+ HEIGHT) 5' MAX (0'-20' HEIGHT)	WAIVER
BUILDING HEIGHT (STORIES)	3	8	-	WAIVER
MAXIMUM (FT)	25'	87'	-	WAIVER
AREAS				
LOT AREA	33,582 SF	33,582 SF	-	
TOTAL GROSS FLOOR AREA TOTAL AREA COVERED BY ALL FLOORS	92,531 SF	186,354 SF	-	
BUILDING FOOTPRINT	33,582 SF	27,619 SF	-	
LOT COVERAGE	100%	82%	-	
USEABLE OPEN SPACE 80 SF OF USABLE OPEN SPACE PER UNIT	0	11,916 SF	14,960 SF	CONCESSION
FLOOR AREA RATIO	2.8:1	5.5:1	-	

COMMERCIAL SPACE REQUIREMENTS 4,993 SF TOTAL 1,803 SF ALLSTON RETAIL SUITE 1,668 SF KITTREDGE RETAIL SUITE 1,522 SF WORK SPACE IN LIVE/WORK UNITS	*Existing*	*Proposed*	*Permitted/ Required*	
NUMBER OF PARKING SPACES 1.5 SPACES PER 1,000 SF OF RETAIL SUITE = 6 SPACES 1 SPACE PER FIRST 1,000 SF OF WORK AREA AND 1 SPACE PER ADDITIONAL 750 SF OF WORK AREA = 2 SPACES	0	0	8	WAIVER
NUMBER OF BIKE PARKING SPACES 1 BIKE SPACE PER 2,000 SF OF COMMERCIAL FLOOR AREA SPACES LOCATED AT EXTERIOR BIKE RACKS	0	3	3	
USEABE OPEN SPACE 1 SF OF USABLE OPEN SPACE PER 50 SF OF COMMERCIAL FLOOR AREA	0	100	100	

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES
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Suite 600
Atlanta, GA 30305
T 404 365 7600
www.nilesbolton.com

APPLICANT:
BILL SCHRADER
T 925 638 8782

No.	Description	Date
D	USE PERMIT	10/25/21
E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
G	USE PERMIT RESUBMIT.	1/11/22
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
P	USE PERMIT RESUBMIT.	08/22/22

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
ZONING AND CODE INFO

SHEET NUMBER:
A0-006

NOT RELEASED FOR CONSTRUCTION

BASE PROJECT AREA TOTALS

BASE PROJECT

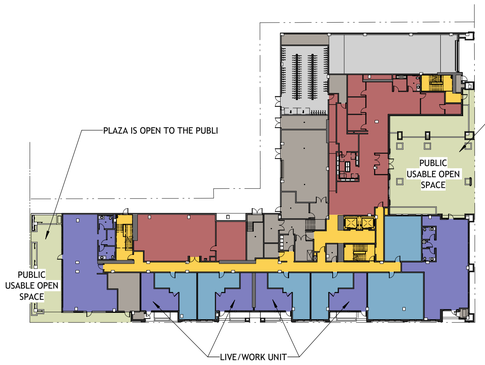
	RESIDENTIAL	COMMON	COMMERCIAL	AMENITY	TOTAL
L1	3,587	2,954	4,983	5,387	16,911
L2	20,641	3,021		1,481	25,143
L3	22,034	2,973			25,007
L4	22,034	2,973			25,007
L5	22,034	2,973			25,007
L6	22,034	2,973			25,007
L7	16,197	2,865		975	20,037
TOTAL					162,119

BASE PROJECT BEDROOM MIX

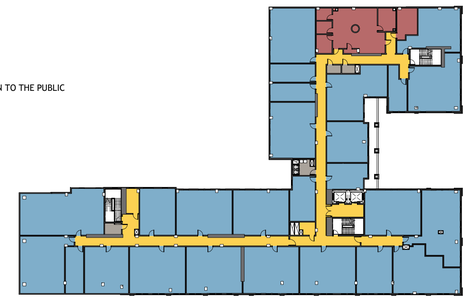
BASE PROJECT

	STUDIO	1 BEDROOM	2 BEDROOM	3 BEDROOM	TOTAL UNITS	TOTAL BEDROOMS
L1	0	5	1	0	6	7
L2	6	5	14	1	26	42
L3	6	4	15	2	27	46
L4	6	4	15	2	27	46
L5	6	4	15	2	27	46
L6	6	4	15	2	27	46
L7	5	4	11	1	21	34
TOTAL					161	267

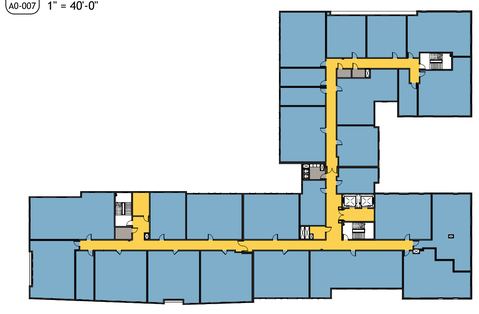
BASE PROJECT FLOORPLANS



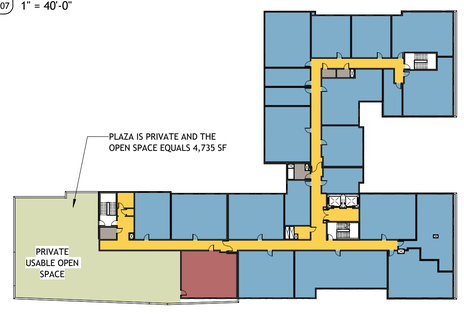
1 A0-007 BASE PLAN - LEVEL 1
1" = 40'-0"



4 A0-007 BASE PLAN - LEVEL 2
1" = 40'-0"



2 A0-007 BASE PLAN - LEVELS 3-6
1" = 40'-0"



3 A0-007 BASE PLAN - LEVEL 7
1" = 40'-0"

NOTES:

The bike parking is excluded from the area calculations for the Base and Proposed Projects. In both Projects, the main bike room is located on level 1 on the alley at the rear of the building.

In both Projects (Base & Proposed), parking and utility areas are excluded from the Residential Floor Area calculations. There are no residential floor area uses on level U1.

The live/work units on Level 1 are designed according to Berkeley Zoning Code 23.312 and IBC Section 419. The non-residential area (the commercial work area) is approximately 46% of the total unit in compliance with IBC 419.1.1.

RESIDENTIAL
AMENITY
COMMON SPACE
COMMERCIAL
PARKING - EXCLUDED FROM AREA TOTAL
UTILITY - EXCLUDED FROM AREA TOTAL
EXTERIOR OPEN SPACE - EXCLUDED FROM AREA TOTAL

BASE PROJECT TABULATION FORM

TABULATION FORM

PROJECT ADDRESS: 2065 KITTREDGE ST
APPLICANT'S NAME: BILL SCHRADER

DATE: 08-22-22
ZONING DISTRICT: C-DMU CORE

UNIT, PARKING SPACES, AND BEDROOMS	*Existing*	*Proposed*	*Permitted/ Required*
NUMBER OF DWELING UNITS	0	161	NA
NUMBER OF PARKING SPACES MAX 0.5 SPACES PER UNIT	0	35	0 MIN 81 MAX
NUMBER OF BIKE PARKING SPACES 267 BEDROOMS 1 LONG TERM SPACE PER 3 BEDROOMS = 89 SPACES 1 SHORT TERM SPACE PER 40 BEDROOMS = 7 SPACES	0	122 LOCATED ON LEVEL 1	96
YARDS AND HEIGHTS			
FRONT YARD SETBACK (FT)	0'	0'	0' MIN (0'-75' HEIGHT) 15' MIN (75'+ HEIGHT) 5' MAX (0'-20' HEIGHT)
BUILDING HEIGHT (STORIES)	3	7	-
MAXIMUM (FT)	25'	75'	-
AREAS			
LOT AREA	33,582 SF	33,582 SF	-
TOTAL GROSS FLOOR AREA TOTAL AREA COVERED BY ALL FLOORS	92,531 SF	162,119 SF	-
BUILDING FOOTPRINT	33,582 SF	27,619 SF	-
LOT COVERAGE	100%	82%	-
USEABLE OPEN SPACE 80 SF OF USABLE OPEN SPACE PER UNIT	0	13,721 SF	12,880 SF
FLOOR AREA RATIO	2.8:1	4.8:1	-

COMMERCIAL SPACE REQUIREMENTS 4,993 SF TOTAL 1,803 SF ALLSTON RETAIL SUITE 1,668 SF KITTREDGE RETAIL SUITE 1,522 SF WORK SPACE IN LIVE/WORK UNITS	*Existing*	*Proposed*	*Permitted/ Required*
NUMBER OF PARKING SPACES 1.5 SPACES PER 1,000 SF OF RETAIL SUITE = 6 SPACES 1 SPACE PER FIRST 1,000 SF OF WORK AREA AND 1 SPACE PER ADDITIONAL 750 SF OF WORK AREA = 2 SPACES	0	8	8
NUMBER OF BIKE PARKING SPACES 1 BIKE SPACE PER 2,000 SF OF COMMERCIAL FLOOR AREA SPACES LOCATED AT EXTERIOR BIKE RACKS	0	3	3
USEABE OPEN SPACE 1 SF OF USABLE OPEN SPACE PER 50 SF OF COMMERCIAL FLOOR AREA	0	100	100

DENSITY BONUS CALCULATIONS

Calculator

Base Project	Base # Units	Base # Units	% VLI units	# VLI Units	#VLI Units	Bonus %	# DB Units	# DB Units	Total Units
sq. ft. - see calculation below	base project/avg. unit size	Base Units/Max. Residential Density (rounded up)	VLI = Very Low Income <50 AMI	% VLI x Base # Units			%Bonus x Base # Units (rounded up)	%Bonus x Base # Units (rounded up)	base unit + DB Units (rounded up)
162,119	162.68	163.00	5%	8.15	9.00	20.0%	32.60	33.00	196

Base Project Square Footage (a,b)	Floor	Residential Sq. Footage Proposed (a)	Number of Units Proposed
16,911	first	16,911	6
25,143	second	22,797	23
25,007	third	25,007	27
25,007	fourth	25,007	27
25,007	fifth	25,007	27
25,007	sixth	25,007	27
20,037	seventh	25,007	27
	eighth	21,611	23
162,119	**TOTAL**	**186,354**	**187**

Total Square Footage:	186,354
Proposed Units:	187
Average Unit Size:	997

%VLI	%DB
5%	20.0%
6%	22.5%
7%	25.0%
8%	27.5%
9%	30.0%
10%	32.5%
11%	35.0%

(a) Includes Residential Amenities (lobby, mailbox room bike parking, restrooms, etc.)
Note that required outdoor area (80 sf/unit) will be provided at public plazas and elevated outdoors decks
(b) Based on a 75' maximum building height

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

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APPLICANT:
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No.	Description	Date
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F	SAP	12/22/21
G	USE PERMIT RESUBMIT.	1/11/22
H	USE PERMIT RESUBMIT.	3/17/22
L	USE PERMIT RESUBMIT.	3/28/22
P	USE PERMIT RESUBMIT.	08/22/22

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704
CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
DENSITY BONUS PLANS - BASE

SHEET NUMBER:
A0-007

NOT RELEASED FOR CONSTRUCTION

PROPOSED PROJECT AREA TOTALS

PROPOSED PROJECT

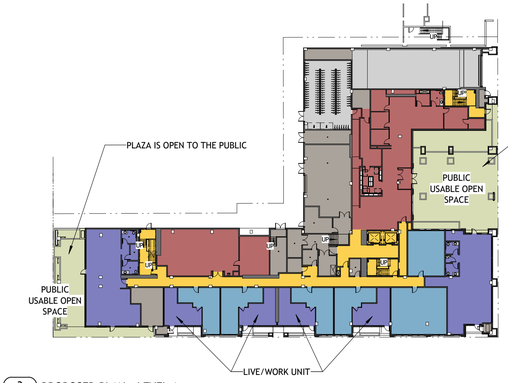
	RESIDENTIAL	COMMON	COMMERCIAL	AMENITY	TOTAL
L1	3,587	2,954	4,983	5,387	16,911
L2	17,542	2,960		2,295	22,797
L3	22,034	2,973			25,007
L4	22,034	2,973			25,007
L5	22,034	2,973			25,007
L6	22,034	2,973			25,007
L7	22,034	2,973			25,007
L8	17,745	2,900		966	21,611
TOTAL					186,354

PROPOSED PROJECT BEDROOM MIX

PROPOSED PROJECT

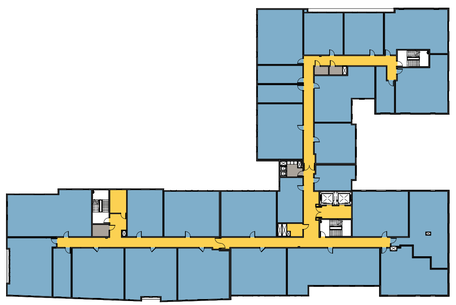
	STUDIO	1 BEDROOM	2 BEDROOM	3 BEDROOM	TOTAL UNITS	TOTAL BEDROOMS
L1	0	5	1	0	6	7
L2	6	4	13	0	23	36
L3	6	4	15	2	27	46
L4	6	4	15	2	27	46
L5	6	4	15	2	27	46
L6	6	4	15	2	27	46
L7	6	4	15	2	27	46
L8	5	5	12	1	23	37
TOTAL					187	310

PROPOSED PROJECT FLOORPLANS

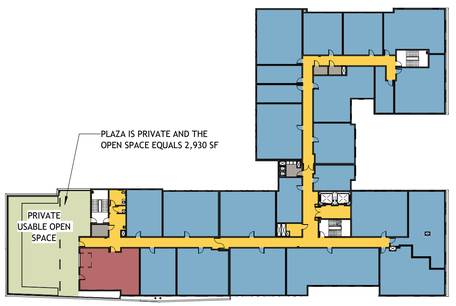


3 A0-008 PROPOSED PLAN - LEVEL 1
1" = 40'-0"

4 A0-008 PROPOSED PLAN - LEVEL 2
1" = 40'-0"



6 A0-008 PROPOSED PLAN - LEVELS 3-7
1" = 40'-0"



7 A0-008 PROPOSED PLAN - LEVEL 8
1" = 40'-0"

NOTES:

The bike parking is excluded from the area calculations for the Base and Proposed Projects. In both Projects, the main bike room is located on level 1 on the alley at the rear of the building.

In both Projects (Base & Proposed), parking and utility areas are excluded from the Residential Floor Area calculations. There are no residential floor area uses on level U1.

The live/work units on Level 1 are designed according to Berkeley Zoning Code 23.312 and IBC Section 419. The non-residential area (the commercial work area) is approximately 46% of the total unit in compliance with IBC 419.1.1.

RESIDENTIAL
AMENITY
COMMON SPACE
COMMERCIAL
PARKING - EXCLUDED FROM AREA TOTAL
UTILITY - EXCLUDED FROM AREA TOTAL
EXTERIOR OPEN SPACE - EXCLUDED FROM AREA TOTAL

PROPOSED PROJECT TABULATION FORM

TABULATION FORM

PROJECT ADDRESS: 2065 KITTREDGE ST
APPLICANT'S NAME: BILL SCHRADER
DATE: 08-22-22
ZONING DISTRICT: C-DMU CORE

	Existing	*Proposed*	*Permitted/ Required*	
UNIT, PARKING SPACES, AND BEDROOMS				
NUMBER OF DWELING UNITS	0	187	NA	
NUMBER OF PARKING SPACES MAX 0.5 SPACES PER UNIT	0	43	0 MIN 94 MAX	
NUMBER OF BIKE PARKING SPACES 310 BEDROOMS 1 LONG TERM SPACE PER 3 BEDROOMS = 104 SPACES 1 SHORT TERM SPACE PER 40 BEDROOMS = 8 SPACES	0	122 LOCATED ON LEVEL 1	112	
YARDS AND HEIGHTS				
FRONT YARD SETBACK (FT)	0'	0'	0' MIN (0'-75' HEIGHT) 15' MIN (75'+ HEIGHT) 5' MAX (0'-20' HEIGHT)	WAIVER
BUILDING HEIGHT (STORIES)	3	8	-	WAIVER
MAXIMUM (FT)	25'	87'	-	WAIVER
AREAS				
LOT AREA	33,582 SF	33,582 SF	-	
TOTAL GROSS FLOOR AREA TOTAL AREA COVERED BY ALL FLOORS	92,531 SF	186,354 SF	-	
BUILDING FOOTPRINT	33,582 SF	27,619 SF	-	
LOT COVERAGE	100%	82%	-	
USEABLE OPEN SPACE 80 SF OF USABLE OPEN SPACE PER UNIT	0	11,916 SF	14,960 SF	CONCESSION
FLOOR AREA RATIO	2.8:1	5.5:1	-	

COMMERCIAL SPACE REQUIREMENTS 4,993 SF TOTAL 1,803 SF ALLSTON RETAIL SUITE 1,668 SF KITTREDGE RETAIL SUITE 1,522 SF WORK SPACE IN LIVE/WORK UNITS	*Existing*	*Proposed*	*Permitted/ Required*	
NUMBER OF PARKING SPACES 1.5 SPACES PER 1,000 SF OF RETAIL SUITE = 6 SPACES 1 SPACE PER FIRST 1,000 SF OF WORK AREA AND 1 SPACE PER ADDITIONAL 750 SF OF WORK AREA = 2 SPACES	0	0	8	WAIVER
NUMBER OF BIKE PARKING SPACES 1 BIKE SPACE PER 2,000 SF OF COMMERCIAL FLOOR AREA SPACES LOCATED AT EXTERIOR BIKE RACKS	0	3	3	
USEABE OPEN SPACE 1 SF OF USABLE OPEN SPACE PER 50 SF OF COMMERCIAL FLOOR AREA	0	100	100	

DENSITY BONUS CALCULATIONS

Calculator

Base Project	Base # Units	Base # Units	% VLI units	# VLI Units	#VLI Units	Bonus %	# DB Units	# DB Units	Total Units
sq. ft. - see calculation below	base project/avg. unit size	Base Units/Max. Residential Density (rounded up)	VLI = Very Low Income <50 AMI	% VLI x Base # Units			%Bonus x Base # Units (rounded up)	%Bonus x Base # Units (rounded up)	base unit + DB Units (rounded up)
162,119	162.68	163.00	5%	8.15	9.00	20.0%	32.60	33.00	196

Base Project Square Footage (a,b)	Floor	Residential Sq. Footage Proposed (a)	Number of Units Proposed
16,911	first	16,911	6
25,143	second	22,797	23
25,007	third	25,007	27
25,007	fourth	25,007	27
25,007	fifth	25,007	27
25,007	sixth	25,007	27
20,037	seventh	25,007	27
	eighth	21,611	23
162,119	**TOTAL**	**186,354**	**187**

Total Square Footage: 186,354
Proposed Units: 187
Average Unit Size: 997

%VLI	%DB
5%	20.0%
6%	22.5%
7%	25.0%
8%	27.5%
9%	30.0%
10%	32.5%
11%	35.0%

(a) Includes Residential Amenities (lobby, mailbox room bike parking, restrooms, etc.)
Note that required outdoor area (80 sf/unit) will be provided at public plazas and elevated outdoors decks
(b) Based on a 75' maximum building height

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

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APPLICANT:
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F	SAP	12/22/21
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H	USE PERMIT RESUBMIT.	3/17/22
L	USE PERMIT RESUBMIT.	3/28/22
P	USE PERMIT RESUBMIT.	08/22/22

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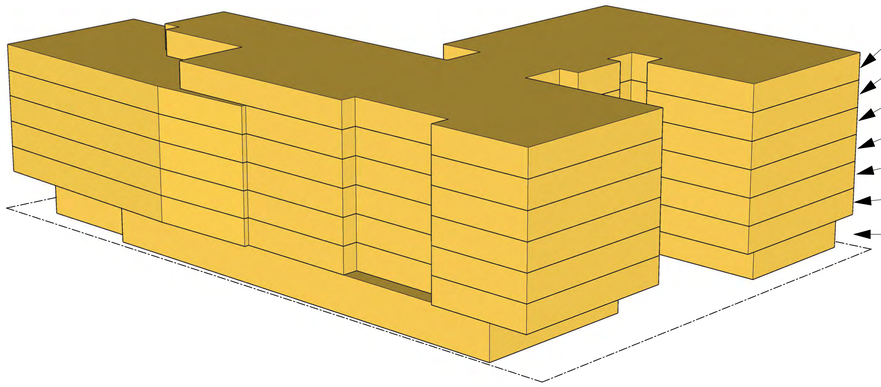
BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704
CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
DENSITY BONUS PLANS - PROPOSED

SHEET NUMBER:
A0-008

NOT RELEASED FOR CONSTRUCTION

BASE PLAN MODEL



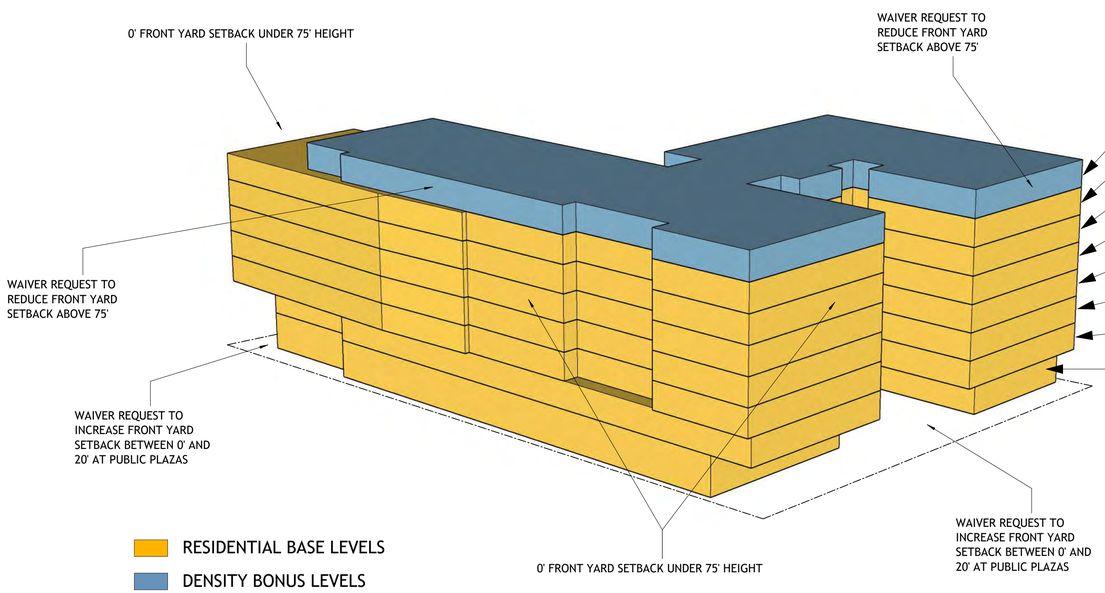
7TH FLOOR - 20,037 SF - 21 UNITS
6TH FLOOR - 25,007 SF - 27 UNITS
5TH FLOOR - 25,007 SF - 27 UNITS
4TH FLOOR - 25,007 SF - 27 UNITS
3RD FLOOR - 25,007 SF - 27 UNITS
2ND FLOOR - 25,143 SF - 26 UNITS
1ST FLOOR - 16,911 SF - 6 UNITS

TOTAL RESIDENTIAL FLOOR AREA: 162,119 SF

RESIDENTIAL AREA INCLUDES 6' CORRIDOR AND RESIDENTIAL AMENITY AREAS. EXCLUDES STAIRS, ELEVATORS, AND UTILITY AREAS

TOTAL UNITS: 163 UNITS

PROPOSED PLAN MODEL



8TH FLOOR - 21,611 SF - 23 UNITS
7TH FLOOR - 25,007 SF - 27 UNITS
6TH FLOOR - 25,007 SF - 27 UNITS
5TH FLOOR - 25,007 SF - 27 UNITS
4TH FLOOR - 25,007 SF - 27 UNITS
3RD FLOOR - 25,007 SF - 27 UNITS
2ND FLOOR - 22,797 SF - 23 UNITS
1ST FLOOR - 16,911 SF - 6 UNITS

TOTAL RESIDENTIAL FLOOR AREA: 186,354 SF

RESIDENTIAL AREA INCLUDES 6' CORRIDOR AND RESIDENTIAL AMENITY AREAS. EXCLUDES STAIRS, ELEVATORS, AND UTILITY AREAS

TOTAL UNITS: 187 UNITS

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
G	USE PERMIT RESUBMIT.	1/11/22
H	USE PERMIT RESUBMIT.	3/17/22
L	USE PERMIT RESUBMIT.	3/28/22
P	USE PERMIT RESUBMIT.	08/22/22

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

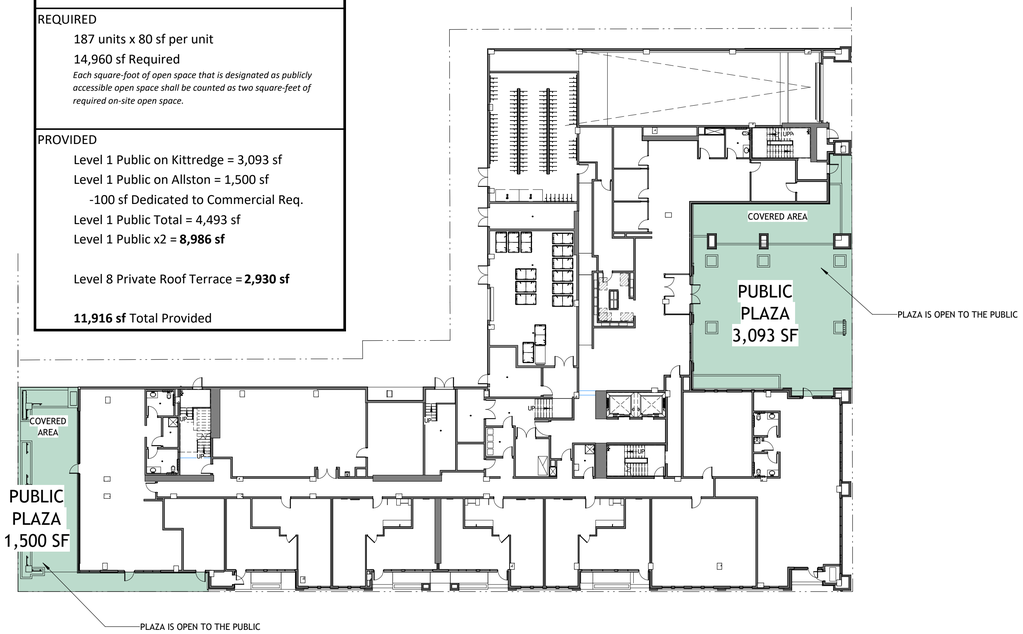
CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
DENSITY BONUS MODEL

SHEET NUMBER:
A0-009

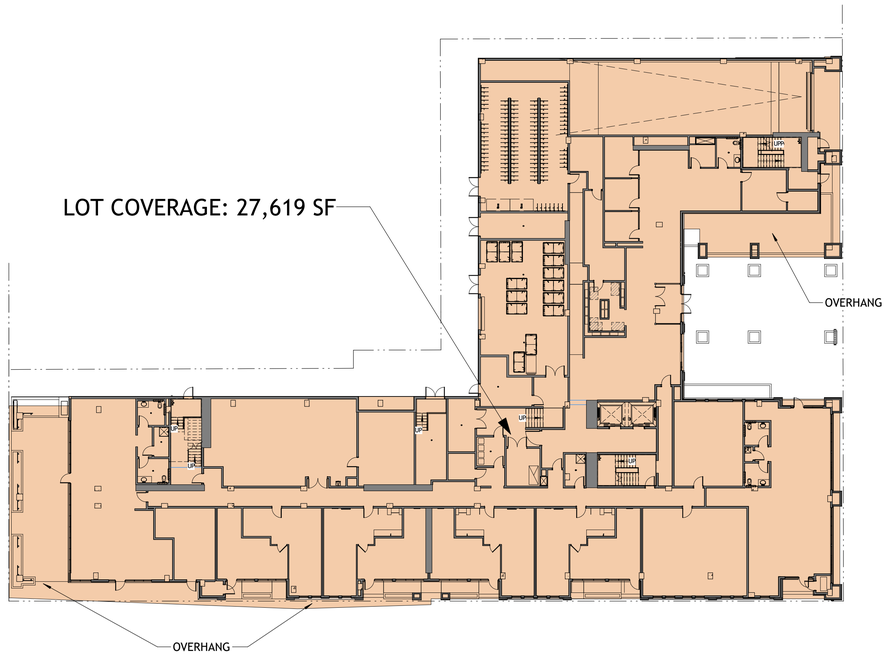
NOT RELEASED FOR CONSTRUCTION

TOTAL USEABLE OPEN SPACE
REQUIRED 187 units x 80 sf per unit 14,960 sf Required *Each square-foot of open space that is designated as publicly accessible open space shall be counted as two square-feet of required on-site open space.*
PROVIDED Level 1 Public on Kittredge = 3,093 sf Level 1 Public on Allston = 1,500 sf -100 sf Dedicated to Commercial Req. Level 1 Public Total = 4,493 sf Level 1 Public x2 = **8,986 sf** Level 8 Private Roof Terrace = **2,930 sf** **11,916 sf** Total Provided



1 A0-010 USEABLE OPEN SPACE- LEVEL 1
3/64" = 1'-0"

2 A0-010 USEABLE OPEN SPACE- LEVEL 8
3/64" = 1'-0"



3 A0-010 LOT COVERAGE DIAGRAM
3/64" = 1'-0"

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

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BERKELEY PLAZA
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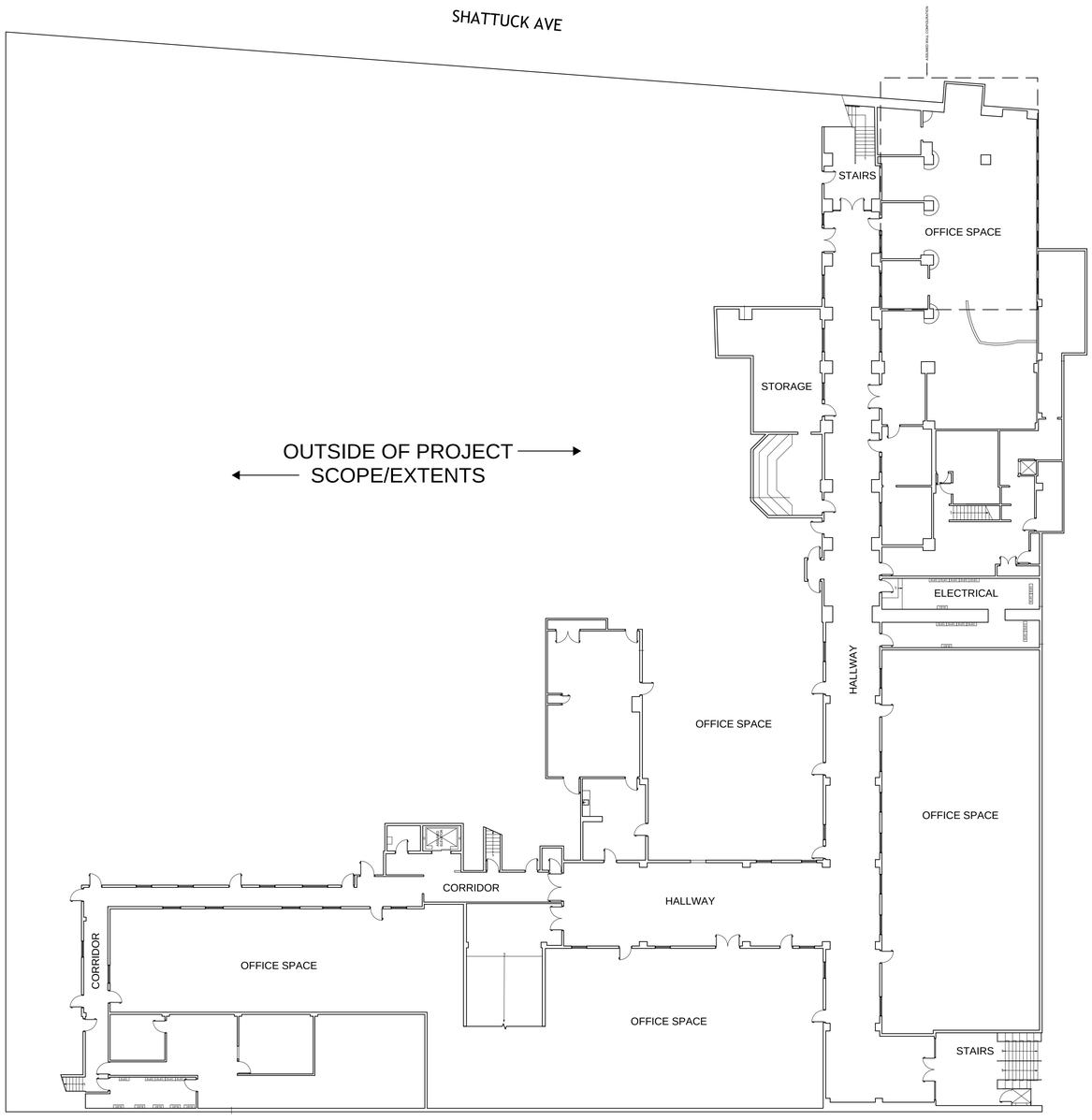
BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
SITE DIAGRAMS

SHEET NUMBER:
A0-010

NOT RELEASED FOR CONSTRUCTION



EXISTING BASEMENT PLAN

0 4' 8' 16'

1 LEVEL U1- EXISTING
A1-001 1/16" = 1'-0"

TRUE NORTH

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
9	SAP RESUBMIT.	3/23/22
13	JUNE LMRKS. MEETING	5/10/22

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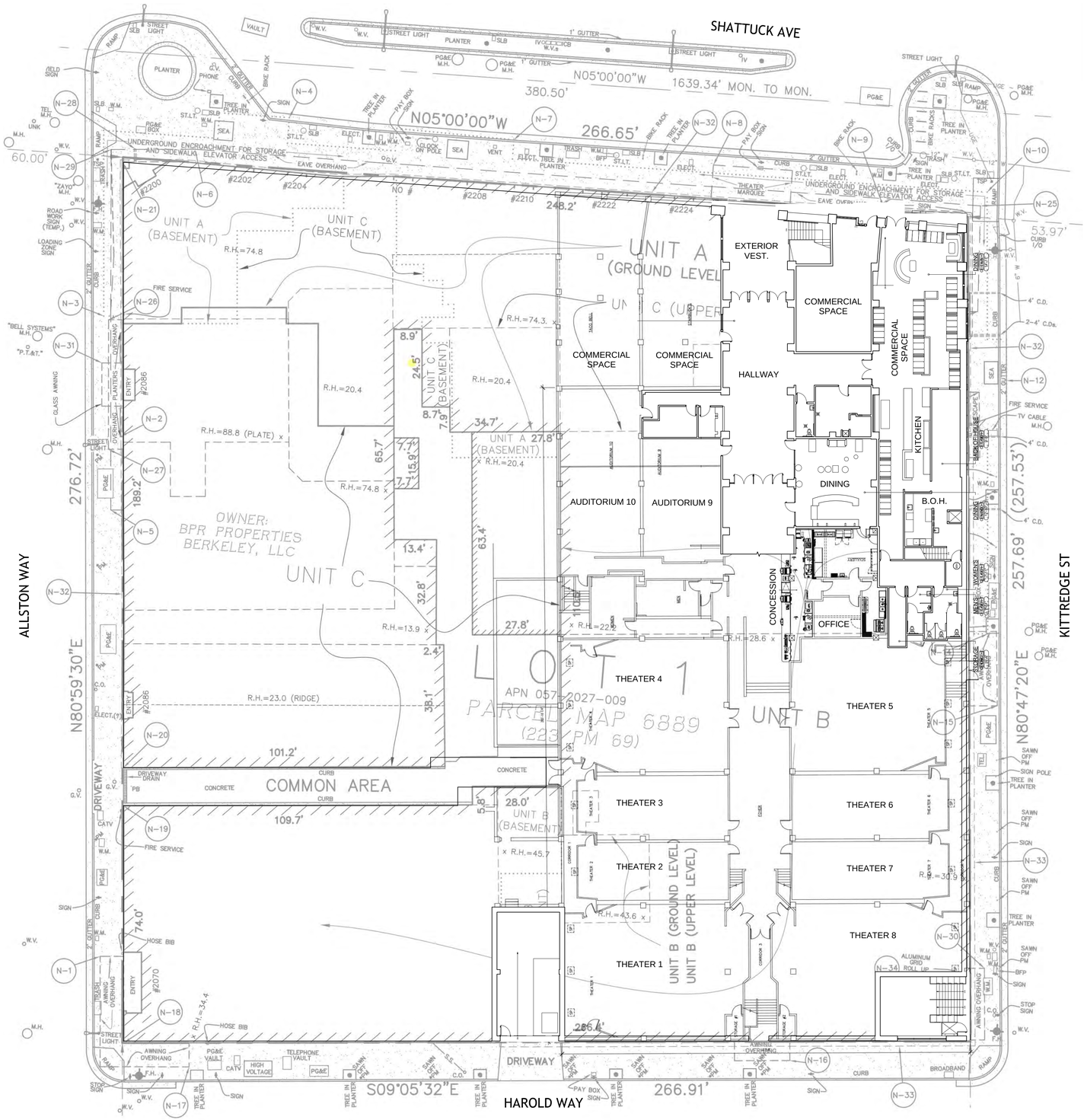
BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
SITE PLAN
EXISTING- LEVEL U1

SHEET NUMBER:
A1-001

NOT RELEASED FOR CONSTRUCTION



EXISTING GROUND LEVEL PLAN

0 4' 8' 16'

1 / A1-002 LEVEL 1- EXISTING
1/16" = 1'-0"

TRUE NORTH

PROJECT # : 121246
DRAWN BY: TF
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APPLICANT:

BILL SCHRADER

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No.	Description	Date
6	SAP	12/22/21
9	SAP RESUBMIT.	3/23/22
13	JUNE LWRKS. MEETING	5/10/22

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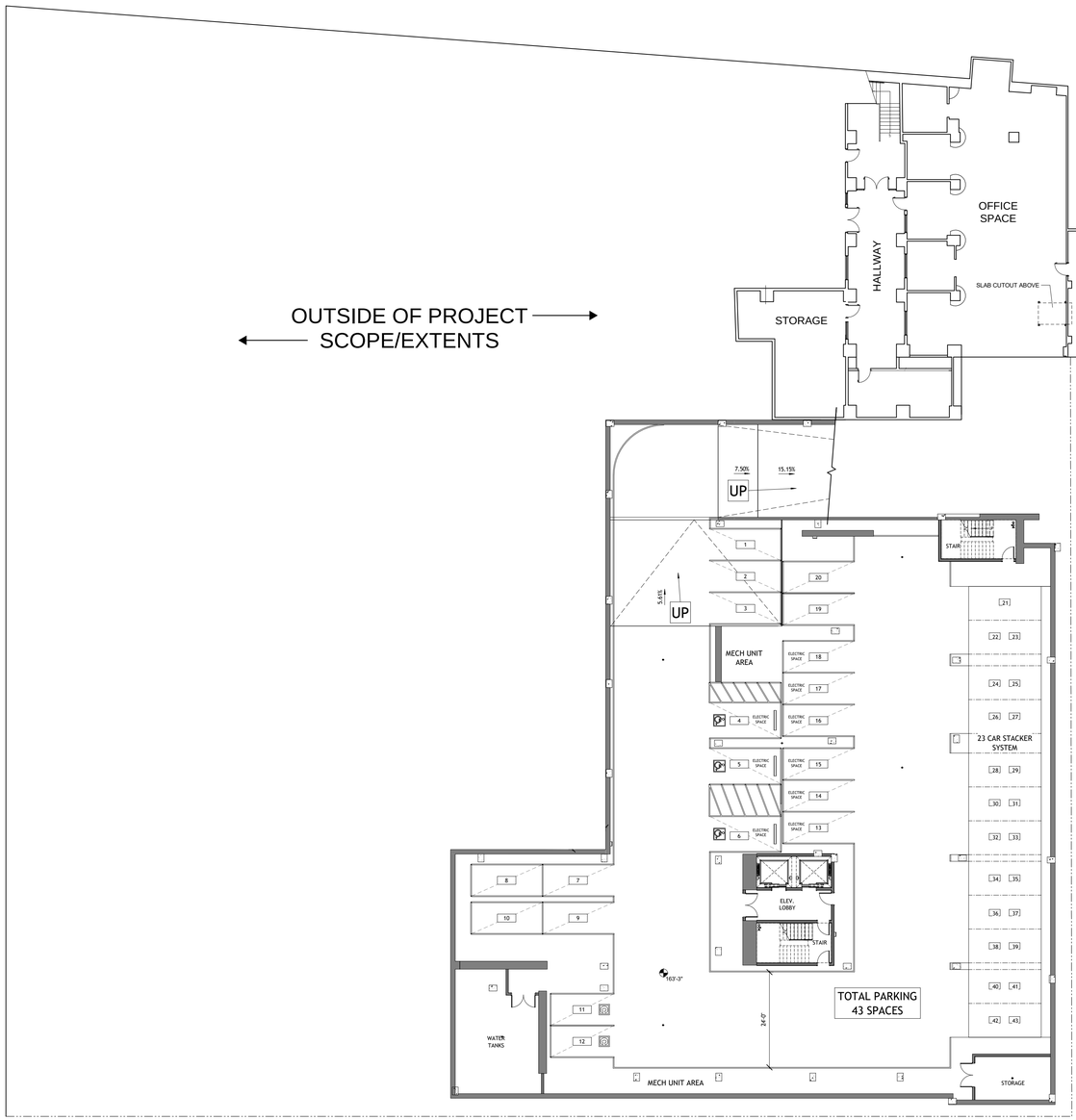
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
SITE PLAN
EXISTING- LEVEL 1

SHEET NUMBER:
A1-002

NOT RELEASED FOR CONSTRUCTION



PROPOSED BASEMENT PLAN

1 / A1-003 LEVEL U1- PROPOSED
1/16" = 1'-0"

TRUE NORTH

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
9	SAP RESUBMIT.	3/23/22
13	JUNE LMRKS. MEETING	5/10/22
15	STAFF REVIEW #2	07/13/22

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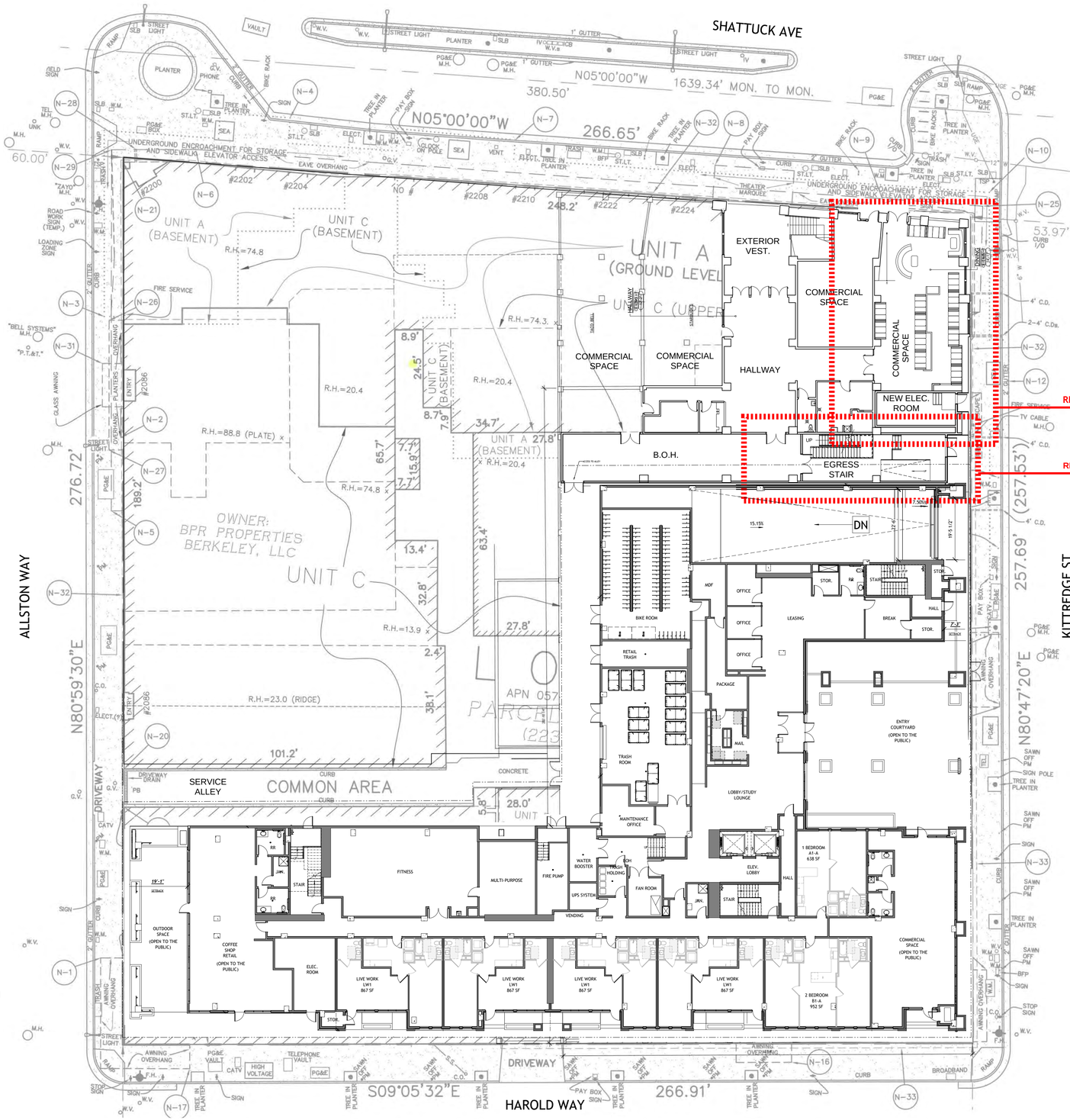
CA VENTURES

SHEET TITLE:
SITE PLAN PROPOSED- LEVEL U1

SHEET NUMBER:
A1-003

NOT RELEASED FOR CONSTRUCTION



PROPOSED GROUND LEVEL PLAN

0 4 8 16

1 / A1-004 LEVEL 1- PROPOSED
1/16" = 1'-0"

TRUE NORTH

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

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APPLICANT:

BILL SCHRADER

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No.	Description	Date
9	SAP RESUBMIT.	3/23/22
13	JUNE LMRKS. MEETING	5/10/22
15	STAFF REVIEW #2	07/13/22

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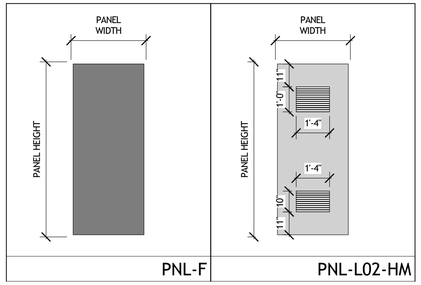
CA VENTURES

SHEET TITLE:
SITE PLAN
PROPOSED- LEVEL 1

SHEET NUMBER:
A1-004

NOT RELEASED FOR CONSTRUCTION



DOOR SCHEDULE- ELECTRICAL ROOM

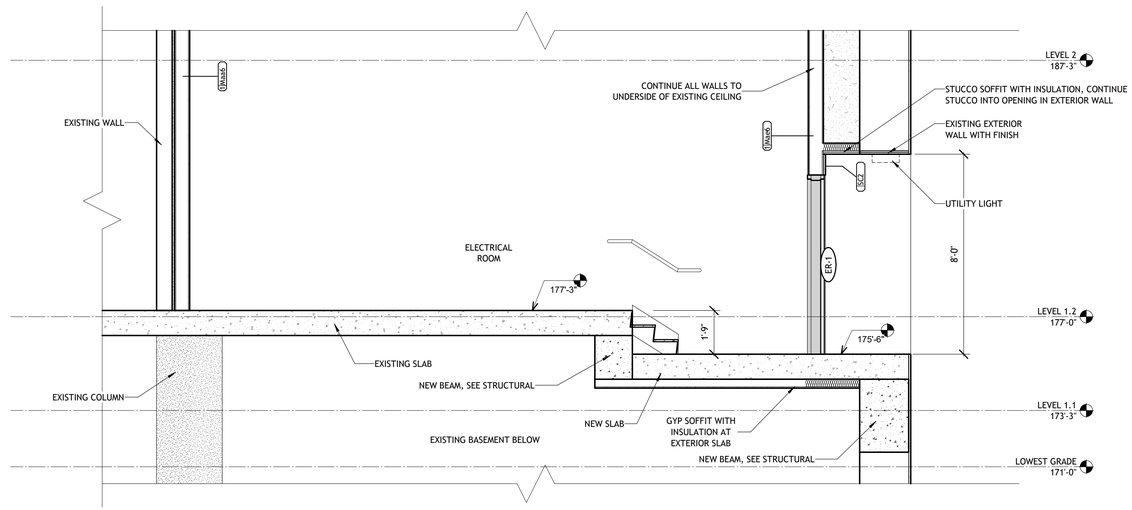
DOOR				PANELS		FRAME		
TAG	LOCATION	FIRE RATING (MIN)	SIZE WxH	TYPE	FINISH	TYPE	HW SET	COMMENTS
LEVEL 1.1								
ER-1	ELECTRICAL ROOM	0	3'-0"x7'-0"	PNL-L02-HM	08-OPENINGS-HM	FRM-00HM1	08.0	DOOR WITH HIGH-LOW LOUVERS TO THE EXTERIOR. COORDINATE WITH MECHANICAL. PANIC BAR HARDWARE TO BE PROVIDED. LOCK TO BE PROVIDED, SEE HARDWARE SET BELOW.
ER-2	B.O.H.	0	3'-0"x7'-0"	PNL-F-HM	08-OPENINGS-HM	FRM-00HM1	13.0	EGRESS FROM B.O.H. PANIC BAR HARDWARE TO BE PROVIDED. SEE HARDWARE SET BELOW.

Hardware Set # 08.0

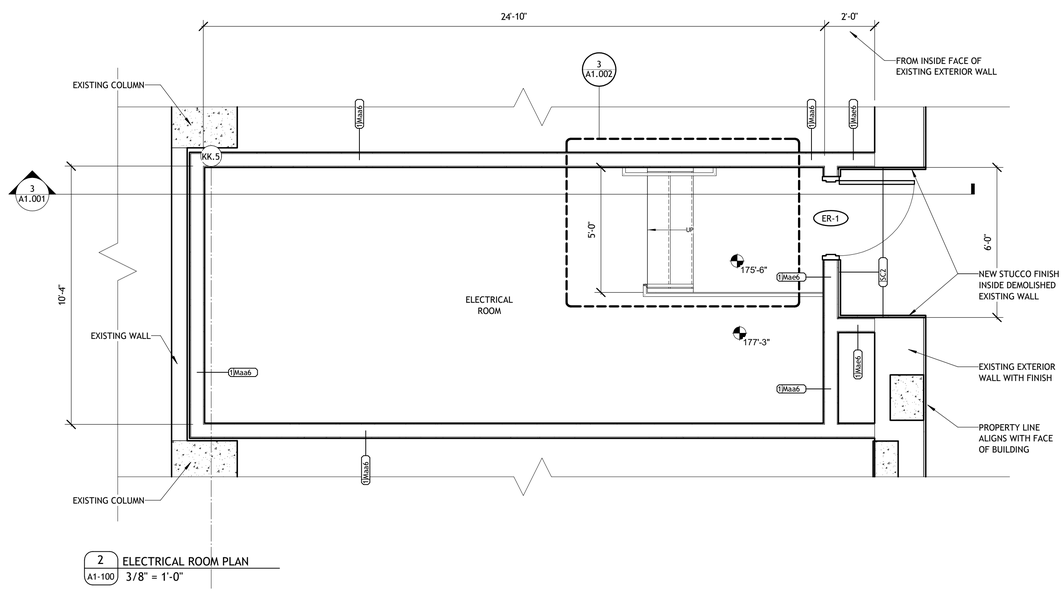
PRODUCT	DESCRIPTION	QTY	UNIT	FINISH	MFR
Hinge	FBB1179 4.5 x 4.5 NRP (As Req'd)	3	EA	652	STN
Rim Panic	3RD FL2103 x 4903 D (Storeroom)	1	EA	626W	STCH
Cylinder	12E-72 Less Core (Rim)	1	EA	626	STCH
Core	6C5-SFIC	1	EA	626	BST
Closer	QDC113 (EDA, SPG Stop/Compression)	1	EA	689	STCH
Kick Plate	K0050 10" x 2" LDW B4E/CSK	1	EA	630	TRM
Seal	5050C X LAR (Head/Jambs)	1	EA	CHAR	NGP
Sweep	601 A X LAR	1	EA	A	NGP
Threshold	513 A X LAR X 114-20 SS MSEA	1	EA	A	NGP

Hardware Set # 13.0

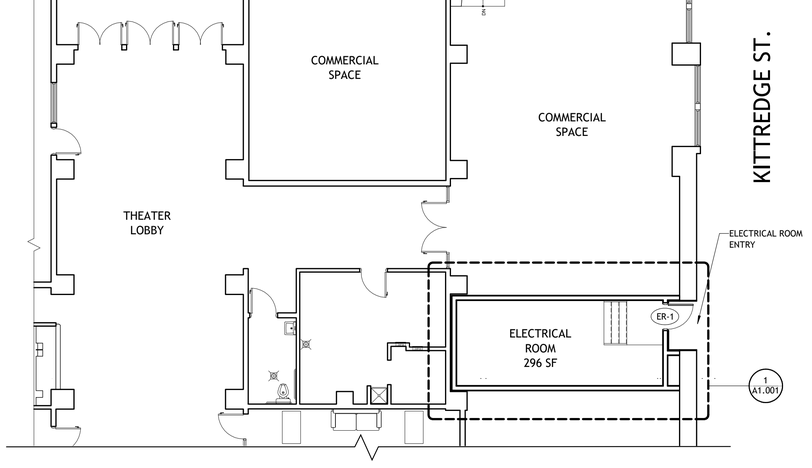
PRODUCT	DESCRIPTION	QTY	UNIT	FINISH	MFR
Hinge	FBB1179 4.5 x 4.5 NRP (As Req'd)	3	EA	652	STN
Rim Panic	QED113 (FBH)	1	EA	626	STCH
E Trim	QET170 (Storeroom)	1	EA	626	STCH
Cylinder	12E-72 Less Core (Rim)	1	EA	626	STCH
Core	6C5-SFIC	1	EA	626	BST
Closer	QDC111 (Parallel ARM - Push Side)	1	EA	689	STCH
Kick Plate	K0050 10" x 2" LDW B4E/CSK	1	EA	630	TRM
Wall Stop/Floor Stop	1270W or W1211	1	EA	630	TRM
Seal	5050C X LAR (Head/Jambs)	1	EA	CHAR	NGP



3 A1-100 ELECTRICAL ROOM SECTION
3/8" = 1'-0"



2 A1-100 ELECTRICAL ROOM PLAN
3/8" = 1'-0"



1 A1-100 BUILDING PLAN
1/8" = 1'-0"

TRUE NORTH

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES
3060 Peachtree Rd. N.W.
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Atlanta, GA 30305
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No.	Description	Date
	ELEC. ROOM PERMIT	4/11/22
13	JUNE LWRKS. MEETING	5/10/22

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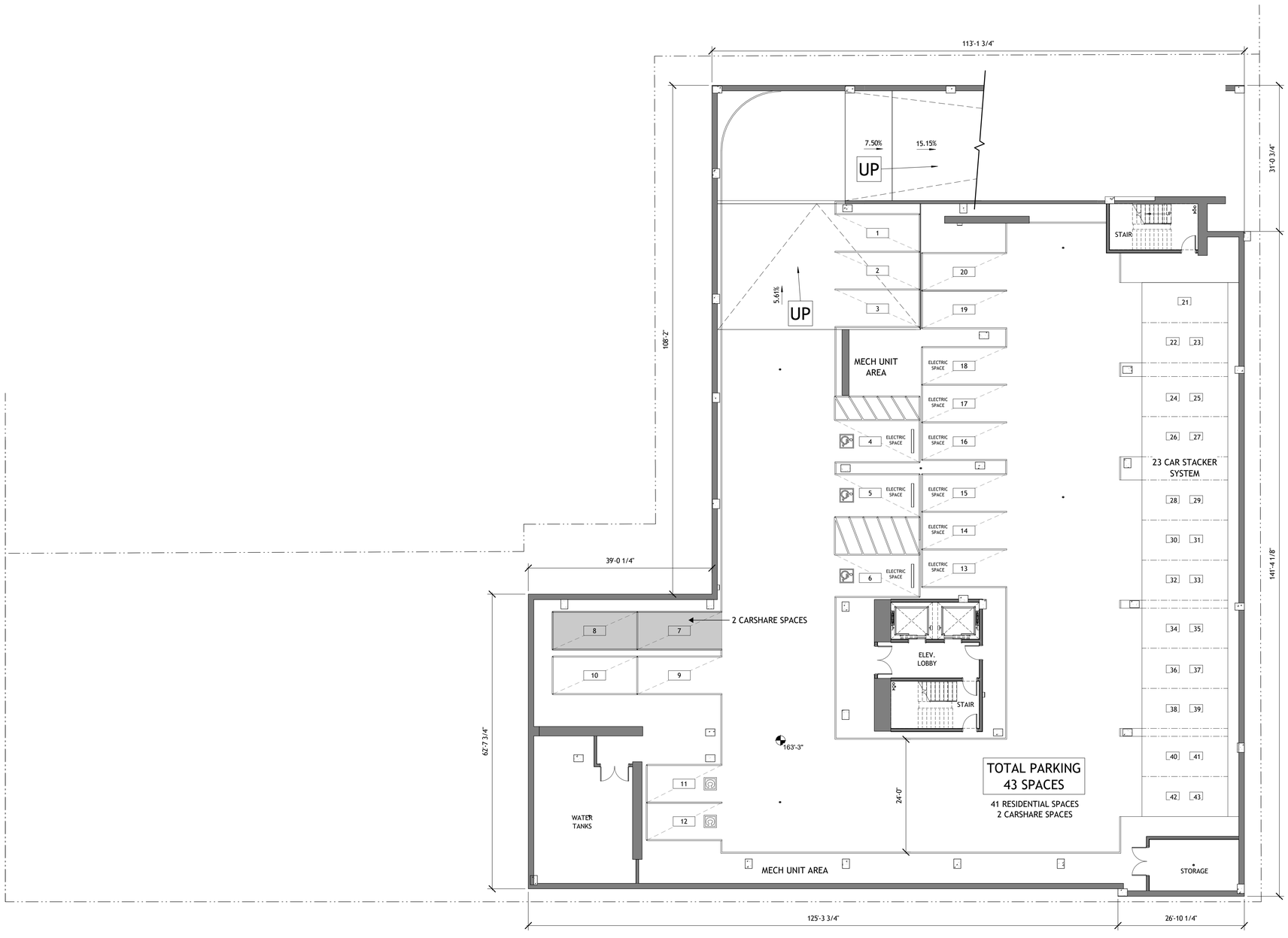
ELECTRICAL ROOM TI PERMIT
2240 SHATTUCK AVE
BERKELEY, CA 94704
CA VENTURES

SHEET TITLE:
ELECTRICAL ROOM DEMO, PLAN, SECTION

SHEET NUMBER:
A1-100

NOT RELEASED FOR CONSTRUCTION



1 / A1-101 PRESENTATION FLOOR PLAN- LEVEL U1
3/32" = 1'-0"

0' 2'-8" 5'-4" 10'-8"

TRUE NORTH

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
A	PLAN UPDATE	6/28/21
B	PRELIM APP SB330	7/21/21
C	SD SET	9/16/21
D	USE PERMIT	10/25/21
E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
O	STAFF REVIEW	07/01/22
P	USE PERMIT RESUBMIT.	08/22/22

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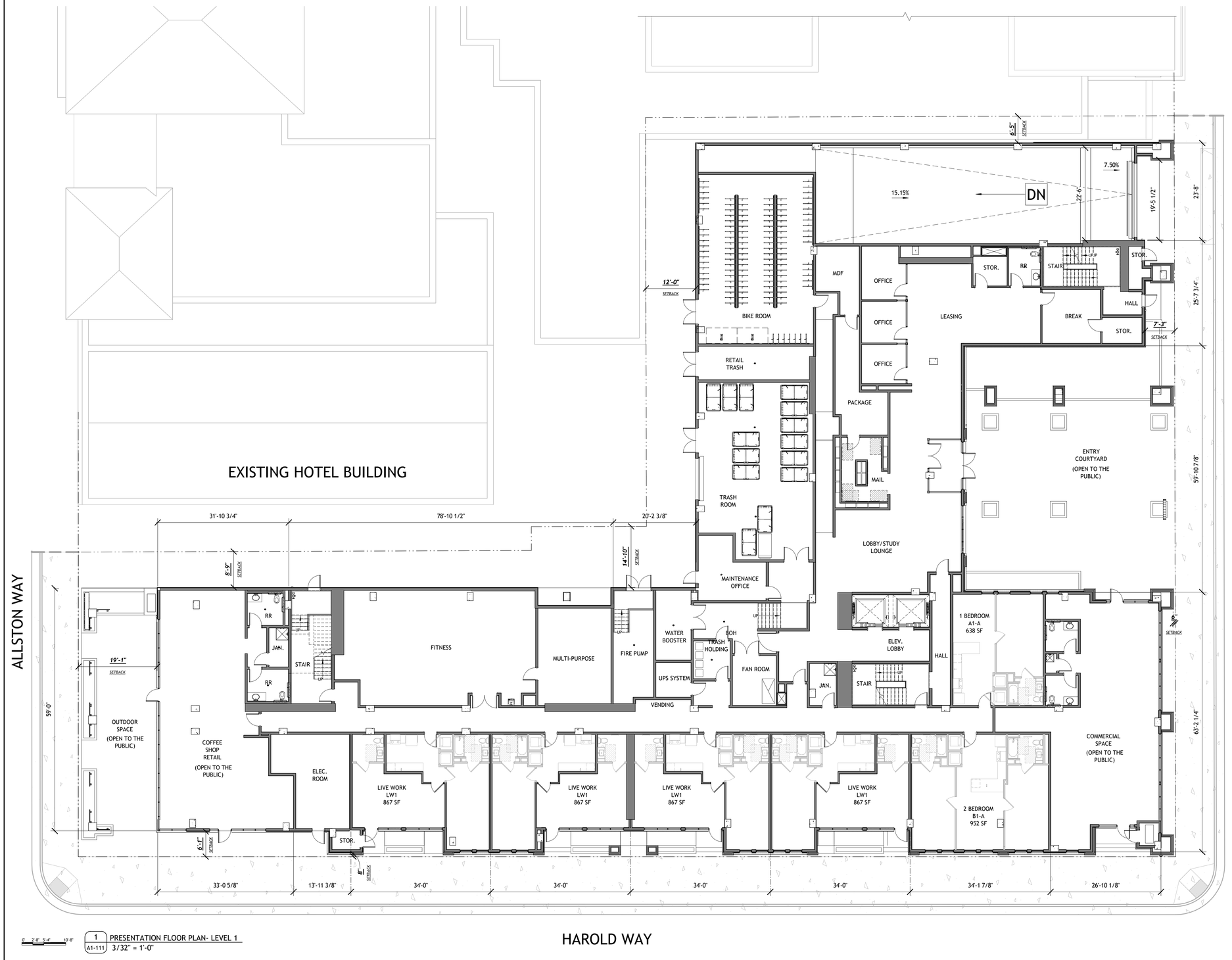
CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
PLAN- LEVEL U1

SHEET NUMBER:
A1-101

NOT RELEASED FOR CONSTRUCTION



0' 2'-8" 5'-4" 10'-8"

1 / A1-111 PRESENTATION FLOOR PLAN- LEVEL 1
3/32" = 1'-0"

TRUE NORTH

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
A	PLAN UPDATE	6/28/21
B	PRELIM APP SB330	7/21/21
C	SD SET	9/16/21
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E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
O	STAFF REVIEW	07/01/22
P	USE PERMIT RESUBMIT.	08/22/22

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BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

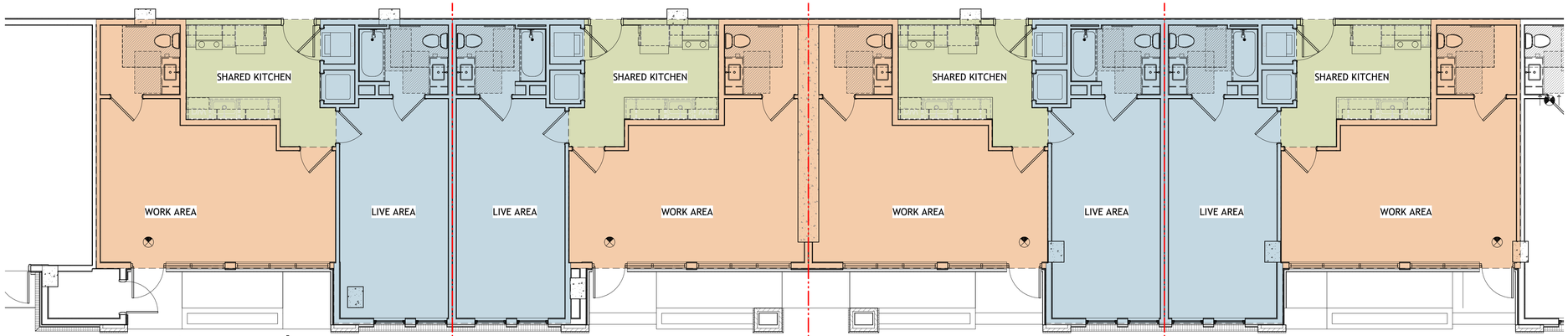
SHEET TITLE:

PLAN- LEVEL 1

SHEET NUMBER:

A1-111

NOT RELEASED FOR CONSTRUCTION



LIVE/WORK UNIT 1

TOTAL AREA: 867 SF

- LIVE AREA: 336 SF (39%)
- WORK AREA: 392 SF (45%)
- SHARED KITCHEN AREA: 139 SF (16%)

LIVE/WORK UNIT 2

TOTAL AREA: 867 SF

- LIVE AREA: 336 SF (39%)
- WORK AREA: 392 SF (45%)
- SHARED KITCHEN AREA: 139 SF (16%)

LIVE/WORK UNIT 3

TOTAL AREA: 867 SF

- LIVE AREA: 336 SF (39%)
- WORK AREA: 392 SF (45%)
- SHARED KITCHEN AREA: 139 SF (16%)

LIVE/WORK UNIT 4

TOTAL AREA: 867 SF

- LIVE AREA: 336 SF (39%)
- WORK AREA: 392 SF (45%)
- SHARED KITCHEN AREA: 139 SF (16%)

NOTE: THE KITCHEN IS CONSIDERED SPACE THAT SERVES BOTH THE LIVE AREA AND THE WORK AREA OF THE UNIT. THE SHARED AREA OF THE KITCHEN IS SPLIT BETWEEN THE TWO CATEGORIES TO BRING BOTH LIVE FUNCTIONS AND WORK FUNCTIONS TO EXACTLY 50% OF THE TOTAL UNIT AREA, IN ACCORDANCE WITH IBC SECTION 419.

1 / A1-112 LIVE/WORK UNITS ENLARGED PLAN
3/16" = 1'-0"

PROJECT # : 121246
DRAWN BY: Author
CHECKED BY: Checker

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Atlanta, GA 30305

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
N	JUNE LMRKS. MEETING	5/10/22

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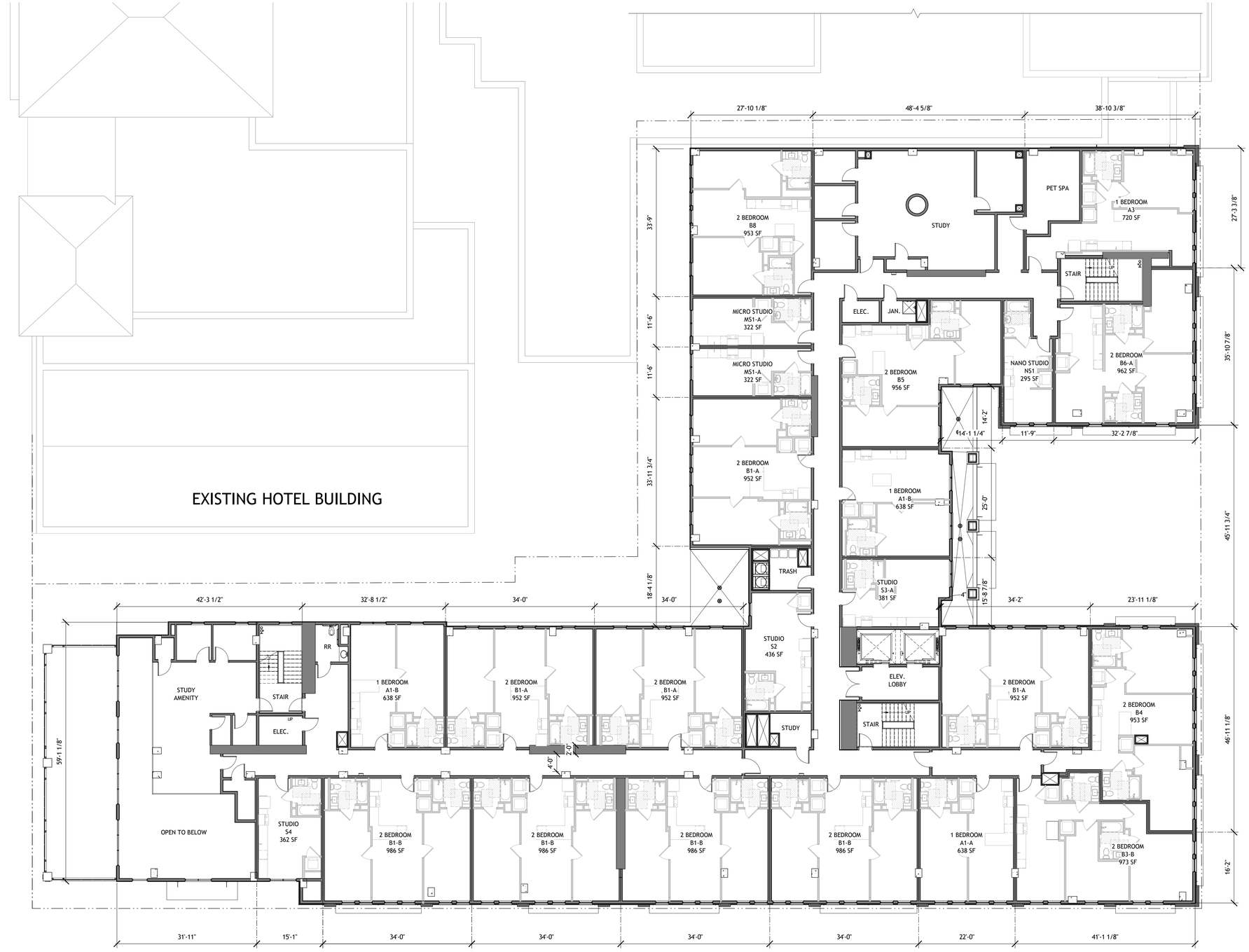
SHEET TITLE:
PLAN- LEVEL 1 ENLARGED

SHEET NUMBER:
A1-112

NOT RELEASED FOR CONSTRUCTION



1 / A1-121 PRESENTATION FLOOR PLAN- LEVEL 2
3/32" = 1'-0"

0' 2'-8" 5'-4" 10'-8"

TRUE NORTH

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
A	PLAN UPDATE	6/28/21
B	PRELIM APP SB330	7/21/21
C	SD SET	9/16/21
D	USE PERMIT	10/25/21
E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
O	STAFF REVIEW	07/01/22
P	USE PERMIT RESUBMIT.	08/22/22

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CA STUDENT LIVING BERKELEY, LLC

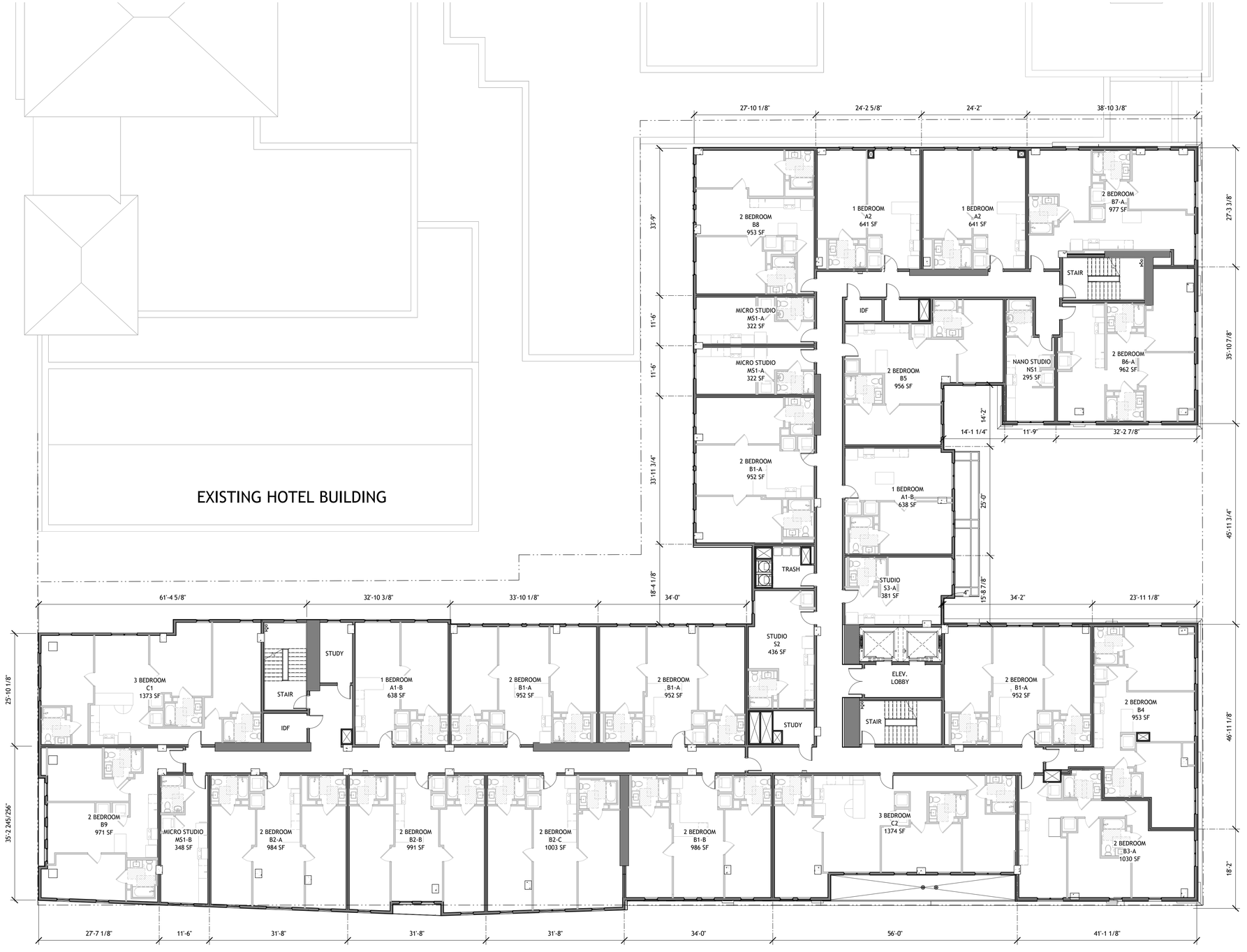
SHEET TITLE:

PLAN- LEVEL 2

SHEET NUMBER:

A1-121

NOT RELEASED FOR CONSTRUCTION



1 / A1-131 PRESENTATION FLOOR PLAN- LEVEL 3
3/32" = 1'-0"

0' 2'-8" 5'-4" 10'-8"

TRUE NORTH

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

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3060 Peachtree Rd. N.W.
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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
A	PLAN UPDATE	6/28/21
B	PRELIM APP SB330	7/21/21
C	SD SET	9/16/21
D	USE PERMIT	10/25/21
E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
O	STAFF REVIEW	07/01/22
P	USE PERMIT RESUBMIT.	08/22/22

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CA STUDENT LIVING BERKELEY, LLC

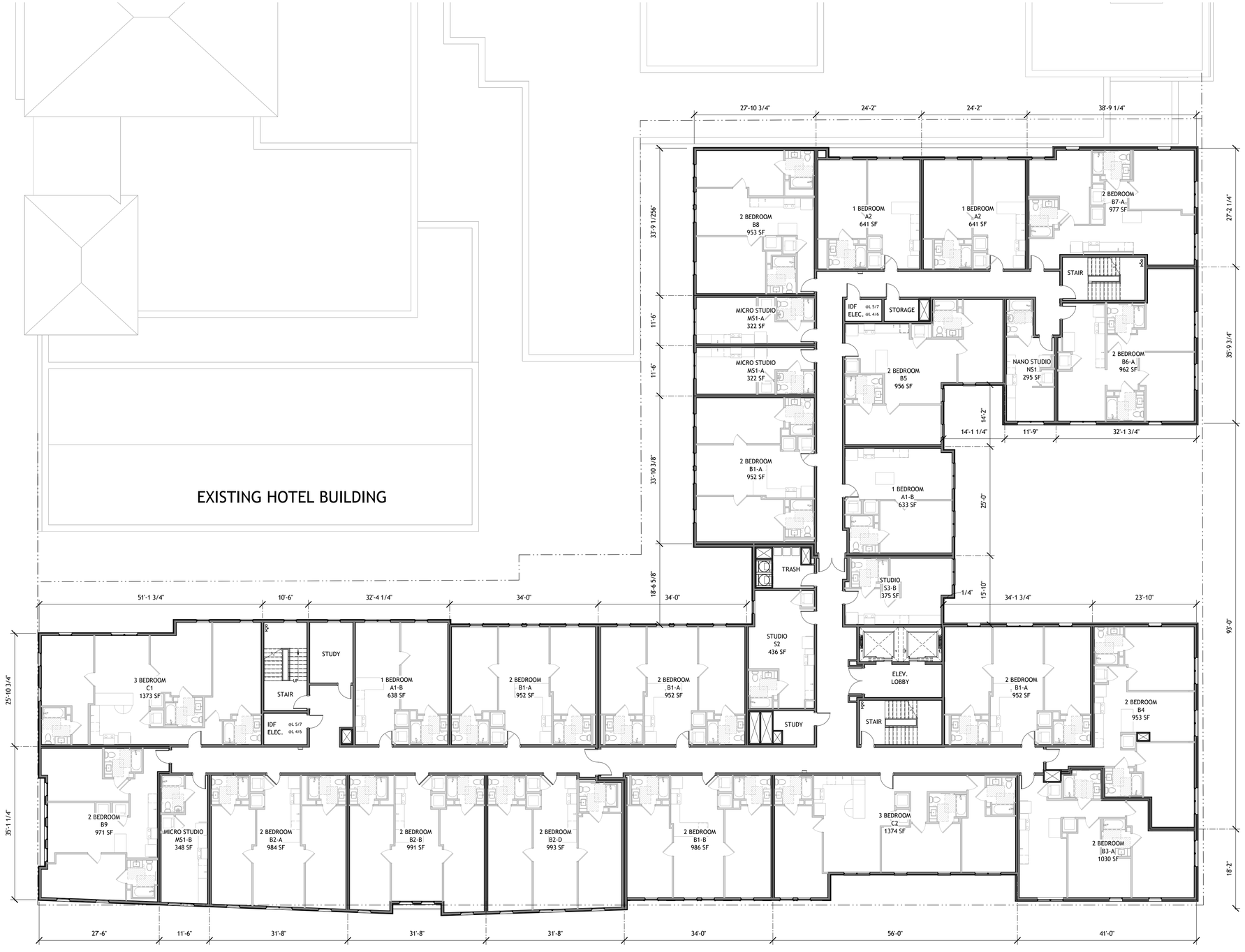
SHEET TITLE:

PLAN- LEVEL 3

SHEET NUMBER:

A1-131

NOT RELEASED FOR CONSTRUCTION



1 / A1-141 PRESENTATION FLOOR PLAN- LEVEL 4-7
3/32" = 1'-0"

0' 2'-8" 5'-4" 10'-8"

TRUE NORTH

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

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Atlanta, GA 30305

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
A	PLAN UPDATE	6/28/21
B	PRELIM APP SB330	7/21/21
C	SD SET	9/16/21
D	USE PERMIT	10/25/21
E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
O	STAFF REVIEW	07/01/22
P	USE PERMIT RESUBMIT.	08/22/22

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2065 KITTREDGE ST
BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:

PLAN- LEVEL 4-7

SHEET NUMBER:

A1-141

NOT RELEASED FOR CONSTRUCTION

0' 2'-8" 5'-4" 10'-8"

1 / A1-181 PRESENTATION FLOOR PLAN- LEVEL 8
3/32" = 1'-0"

TRUE NORTH

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

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No.	Description	Date
A	PLAN UPDATE	6/28/21
B	PRELIM APP SB330	7/21/21
C	SD SET	9/16/21
D	USE PERMIT	10/25/21
E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
O	STAFF REVIEW	07/01/22
P	USE PERMIT RESUBMIT.	08/22/22

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BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:

PLAN- LEVEL 8

SHEET NUMBER:

A1-181

NOT RELEASED FOR CONSTRUCTION

AREA OF ROOFTOP STRUCTURES: 1,468 SF

TOTAL ROOF AREA: 25,461 SF

AVERAGE FLOOR AREA: 25,165

% OF ROOFTOP STRUCTURES: 5.8%
(ROOF STRUCTURES/AVERAGE FLOOR AREA)

EXISTING HOTEL BUILDING

TOTAL ROOF AREA
ABOVE LEVEL 7: 3,074 SF

ROOFTOP TRELLIS
STRUCTURE ABOVE
LEVEL 8: 871 SF

TOTAL ROOF AREA ABOVE
LEVEL 8: 22,387 SF

ELEV.
EQUIP.

STAIR

ROOFTOP STRUCTURE
ABOVE ROOF LEVEL: 597 SF

UP

1 / A1-191 PRESENTATION FLOOR PLAN- ROOF PLAN
3/32" = 1'-0"

0' 2'-8" 5'-4" 10'-8"

TRUE
NORTH

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
O	STAFF REVIEW	07/01/22
P	USE PERMIT RESUBMIT.	08/22/22

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

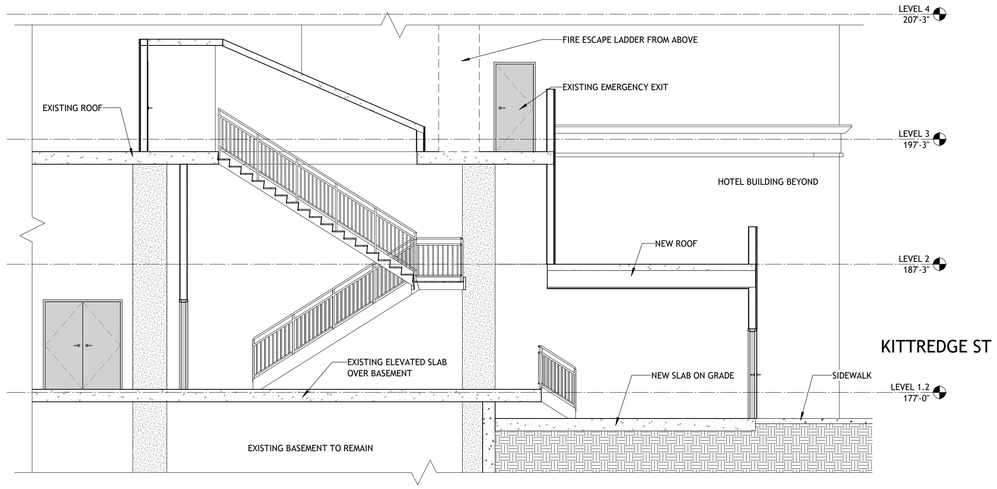
SHEET TITLE:

PLAN- ROOF

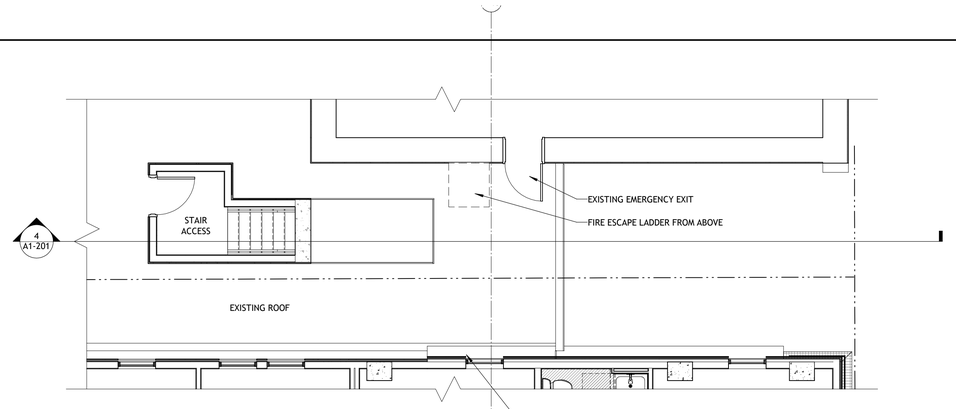
SHEET NUMBER:

A1-191

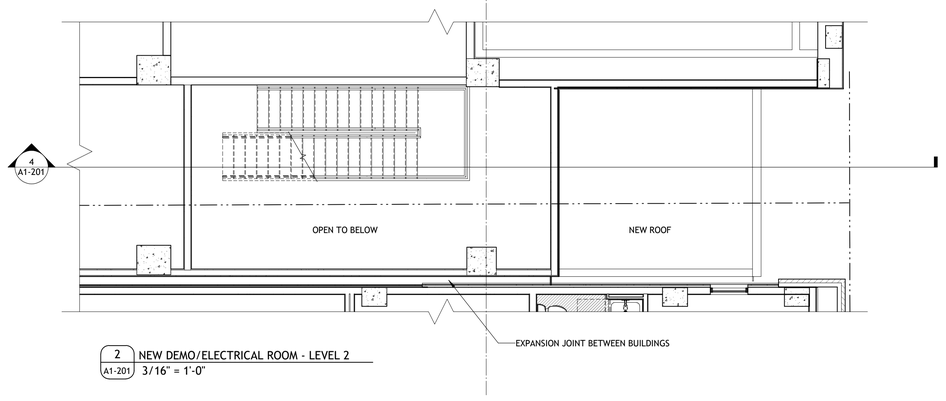
NOT RELEASED FOR CONSTRUCTION



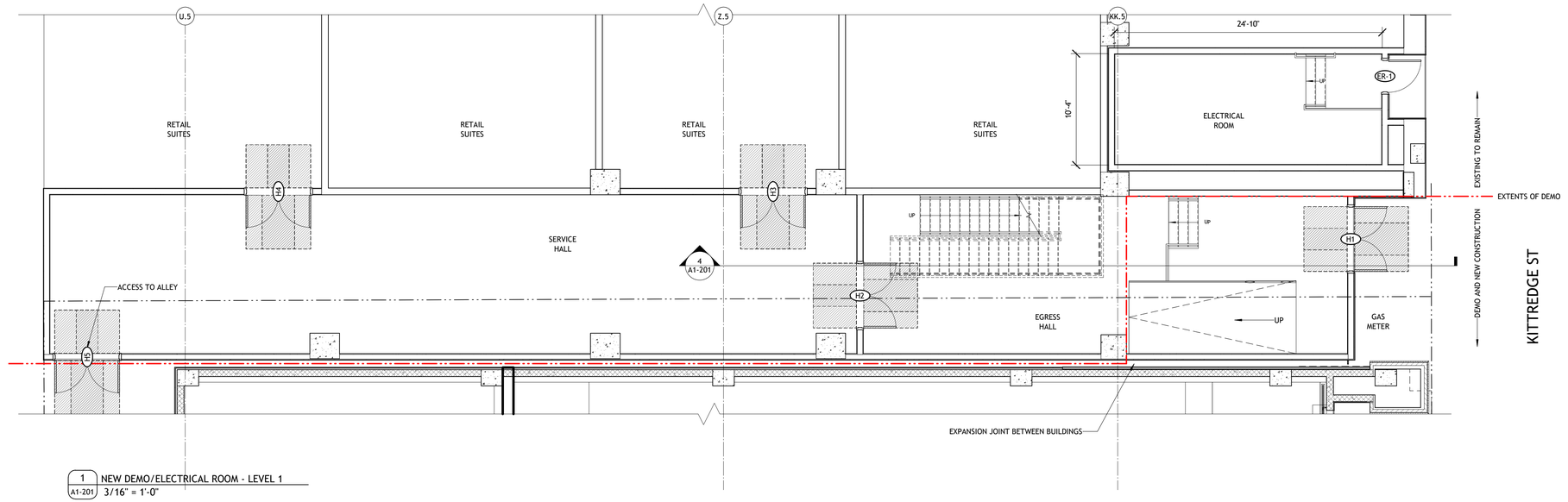
4 A1-201 NEW DEMO/ELECTRICAL ROOM SECTION
3/16" = 1'-0"



3 A1-201 NEW DEMO/ELECTRICAL ROOM - LEVEL 3
3/16" = 1'-0"



2 A1-201 NEW DEMO/ELECTRICAL ROOM - LEVEL 2
3/16" = 1'-0"



1 A1-201 NEW DEMO/ELECTRICAL ROOM - LEVEL 1
3/16" = 1'-0"

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
9	SAP RESUBMIT.	3/23/22
11	USE PERMIT RESUBMIT.	3/28/22
12	APRIL DRC MEETING	4/11/22
13	JUNE LMRKS. MEETING	5/10/22

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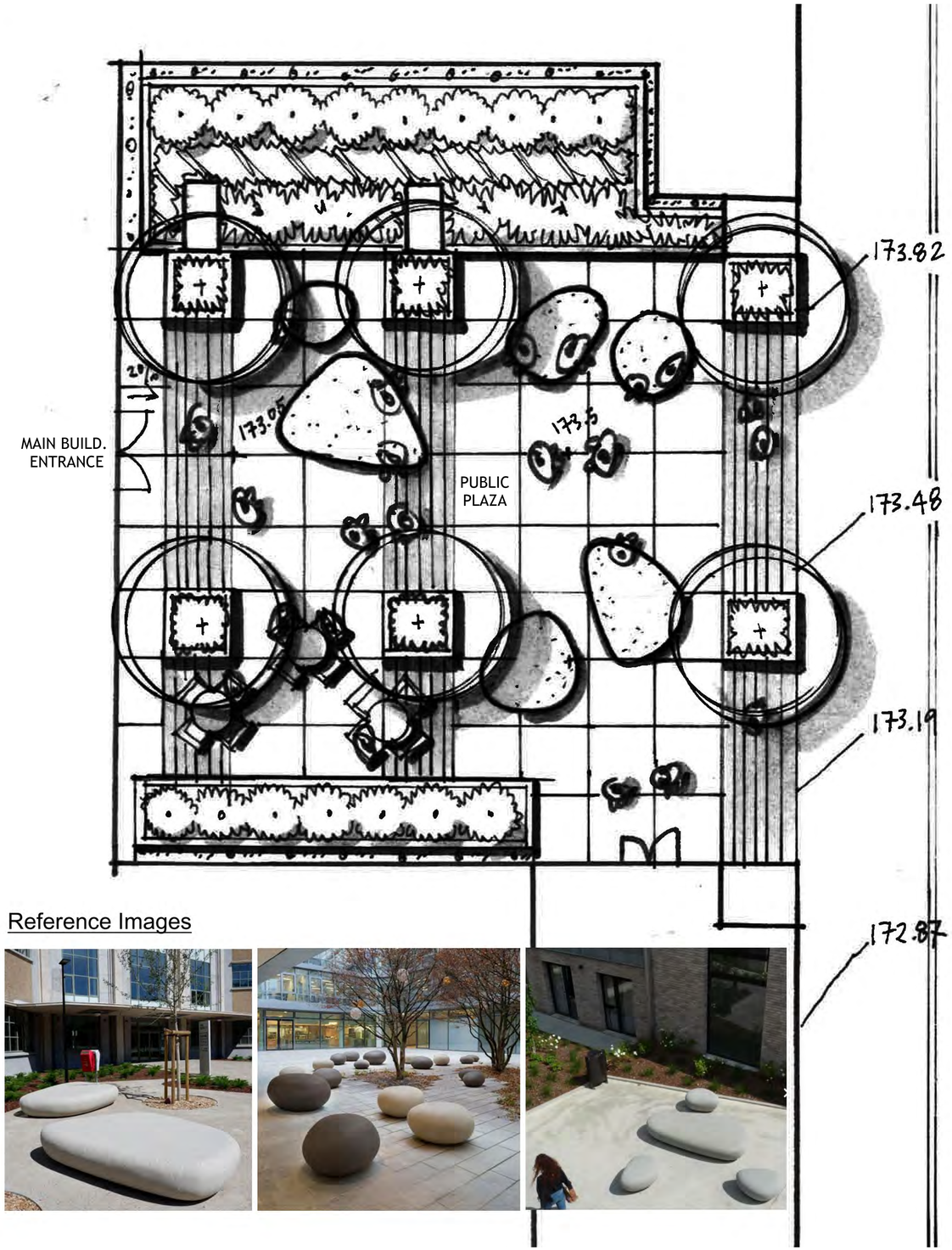
BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
NEW SERVICE HALL/ELECTRICAL ROOM PLAN

SHEET NUMBER:
A1-201

NOT RELEASED FOR CONSTRUCTION



Reference Images

PROJECT # : 121246
DRAWN BY: TF, SH
CHECKED BY: MM

NILES BOLTON ASSOCIATES

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
14	STAFF REVIEW	07/01/22
15	STAFF REVIEW #2	07/13/22

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
LANDSCAPE CONCEPT PLAN

SHEET NUMBER:
A1-301

NOT RELEASED FOR CONSTRUCTION

Keynote Legend	
Key Value	Keynote Text
E1	LIGHT TAN STUCCO
E2	CHARCOAL GREY STUCCO
E3	DARK TAN STUCCO
E4	BRICK
E5	WHITE FIBER CEMENT
E6	VINYL WINDOW WITH COLORED FOIL FINISH
E7	ALUMINUM CANOPY
E8	EXTERIOR WALL SCONCE
E10	STOREFRONT
E13	RAILING
E15	MESH SCREENING

0' 2'-8" 5'-4" 10'-8"

1 A3-001 PRESENTATION-ELEVATION- WEST (HAROLD WAY)
3/32" = 1'-0"

AREA PROJECTING ACROSS PROPERTY LINE

PROJECTING AREA: 5,697 SF

TOTAL FACE AREA: 22,996 SF

PROJECTING AREA: 24.8%

2 A3-001 PRESENTATION-ELEVATION- WEST PROJECTION DIAGRAM
1" = 30'-0"

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
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T 404 365 7600

www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
B	PRELIM APP SB330	7/21/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
O	STAFF REVIEW	07/01/22
P	USE PERMIT RESUBMIT.	08/22/22

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2065 KITTREDGE ST
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CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
ELEVATION- WEST (HAROLD WAY)

SHEET NUMBER:
A3-001

NOT RELEASED FOR CONSTRUCTION

Keynote Legend	
Key Value	Keynote Text
E1	LIGHT TAN STUCCO
E2	CHARCOAL GREY STUCCO
E3	DARK TAN STUCCO
E4	BRICK
E5	WHITE FIBER CEMENT
E6	VINYL WINDOW WITH COLORED FOIL FINISH
E7	ALUMINUM CANOPY
E8	EXTERIOR WALL SCONCE
E10	STOREFRONT
E12	HOLLOW METAL DOOR
E17	PARKING GATE

0 2'-8" 5'-4" 10'-8"

1 / A3-002 PRESENTATION-ELEVATION- SOUTH (KITTREDGE ST.)
3/32" = 1'-0"

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

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T 404 365 7600

www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
B	PRELIM APP SB330	7/21/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
O	STAFF REVIEW	07/01/22
P	USE PERMIT RESUBMIT.	08/22/22

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2065 KITTREDGE ST
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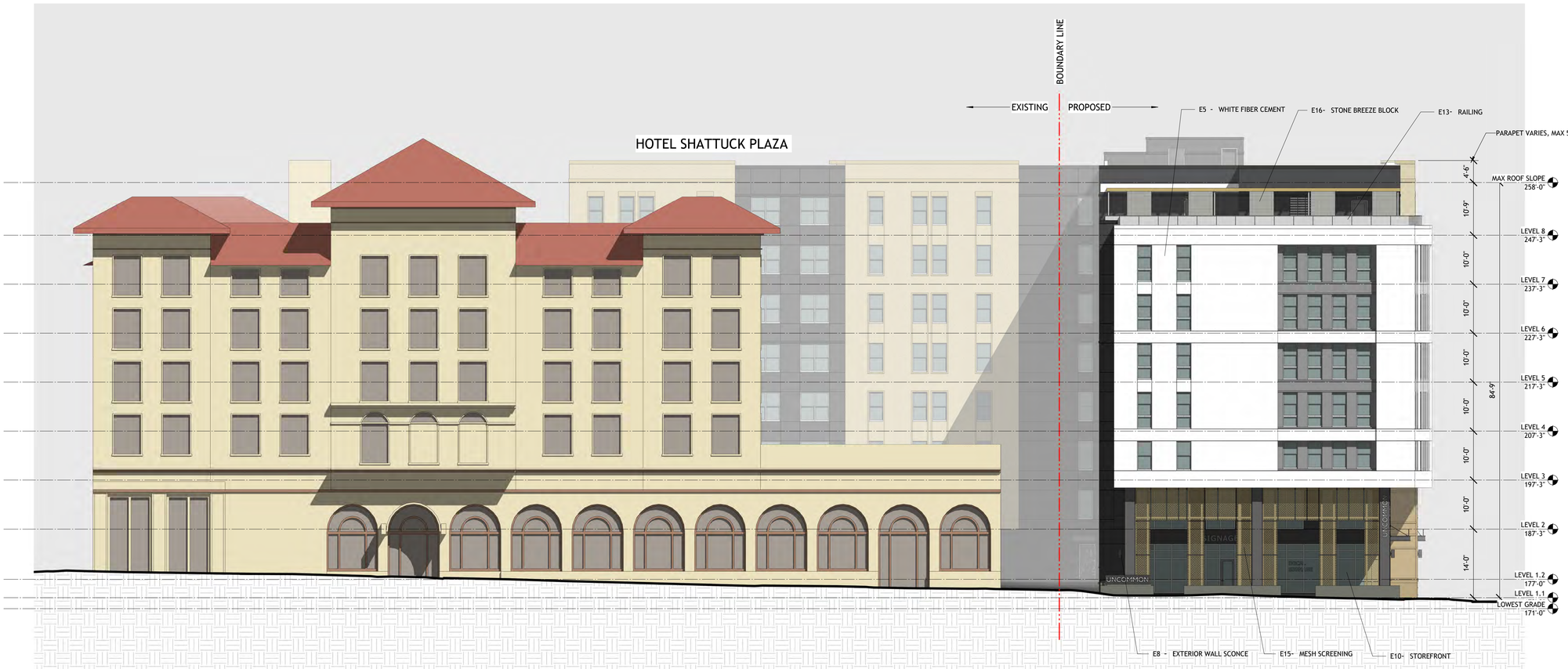
CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
ELEVATION- SOUTH (KITTREDGE ST.)

SHEET NUMBER:
A3-002

NOT RELEASED FOR CONSTRUCTION

Keynote Legend	
Key Value	Keynote Text
E5	WHITE FIBER CEMENT
E8	EXTERIOR WALL SCONCE
E10	STOREFRONT
E13	RAILING
E15	MESH SCREENING
E16	STONE BREEZE BLOCK



0 2'-8" 5'-4" 10'-8"

1 / A3-003 PRESENTATION-ELEVATION- NORTH (ALLSTON WAY)
3/32" = 1'-0"

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
B	PRELIM APP SB330	7/21/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
O	STAFF REVIEW	07/01/22
P	USE PERMIT RESUBMIT.	08/22/22

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2065 KITTREDGE ST
BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
ELEVATION- NORTH (ALLSTON WAY)

SHEET NUMBER:
A3-003

NOT RELEASED FOR CONSTRUCTION

Keynote Legend	
Key Value	Keynote Text

E1	LIGHT TAN STUCCO
E2	CHARCOAL GREY STUCCO
E6	VINYL WINDOW WITH COLORED FOIL FINISH
E12	HOLLOW METAL DOOR

0 2'-8" 5'-4" 10'-8"

1 / A3-004 PRESENTATION-ELEVATION- NORTH (HIDDEN)
3/32" = 1'-0"

PROJECT # : 121246
DRAWN BY: Author
CHECKED BY: Checker

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T 404 365 7600

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
O	STAFF REVIEW	07/01/22
P	USE PERMIT RESUBMIT.	08/22/22

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CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
ELEVATION- NORTH (HIDDEN)

SHEET NUMBER:
A3-004

NOT RELEASED FOR CONSTRUCTION

1 / A3-006 PROPOSED ELEVATION - SOUTH ENLARGED (KITTREDGE ST.)
1/8" = 1'-0"

FACADE ALTERATIONS SCOPE ASSOCIATED WITH THE EXISTING BUILDING TO REMAIN IS LIMITED TO:

1) REMOVING THE EGRESS STAIRS SHOWIN IN PHOTO 4/A0-001 - A NEW EGRESS STAIR IS PROVIDED TO MAINTAIN THE EXITING FROM THE ELEVATED LEVELS AS ILLUSTARTED ON THE OVERALL SITE PLAN AND THE ENLARGED PLAN DIAGRAMS ON SHEET A1-201.

2) PROVIDING AN ALCOVE TO ACCESS THE NEW ELECTRICAL ROOM AS SHOWN ABOVE. THE EXISTING ELECTRICAL ROOM IS CURRENTLY LOCATED WITHIN THE AREA TO BE DEMOLISHED AND NEEDS TO BE RELOCATED.

PROJECT # : 121246
DRAWN BY: Author
CHECKED BY: Checker

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LNRKS. MEETING	5/10/22
15	STAFF REVIEW #2	07/13/22

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
ELEVATION - SOUTH ENLARGED (KITTREDGE ST.)

SHEET NUMBER:
A3-006

NOT RELEASED FOR CONSTRUCTION

Keynote Legend	
Key Value	Keynote Text
E1	LIGHT TAN STUCCO
E2	CHARCOAL GREY STUCCO
E3	DARK TAN STUCCO
E4	BRICK
E5	WHITE FIBER CEMENT
E6	VINYL WINDOW WITH COLORED FOIL FINISH
E13	RAILING

0 2'-8" 5'-4" 10'-8"

1 / A3-005 PRESENTATION-ELEVATION- EAST (HIDDEN)
3/32" = 1'-0"

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
B	PRELIM APP SB330	7/21/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
L	USE PERMIT RESUBMIT.	3/28/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
O	STAFF REVIEW	07/01/22
P	USE PERMIT RESUBMIT.	08/22/22

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BERKELEY PLAZA
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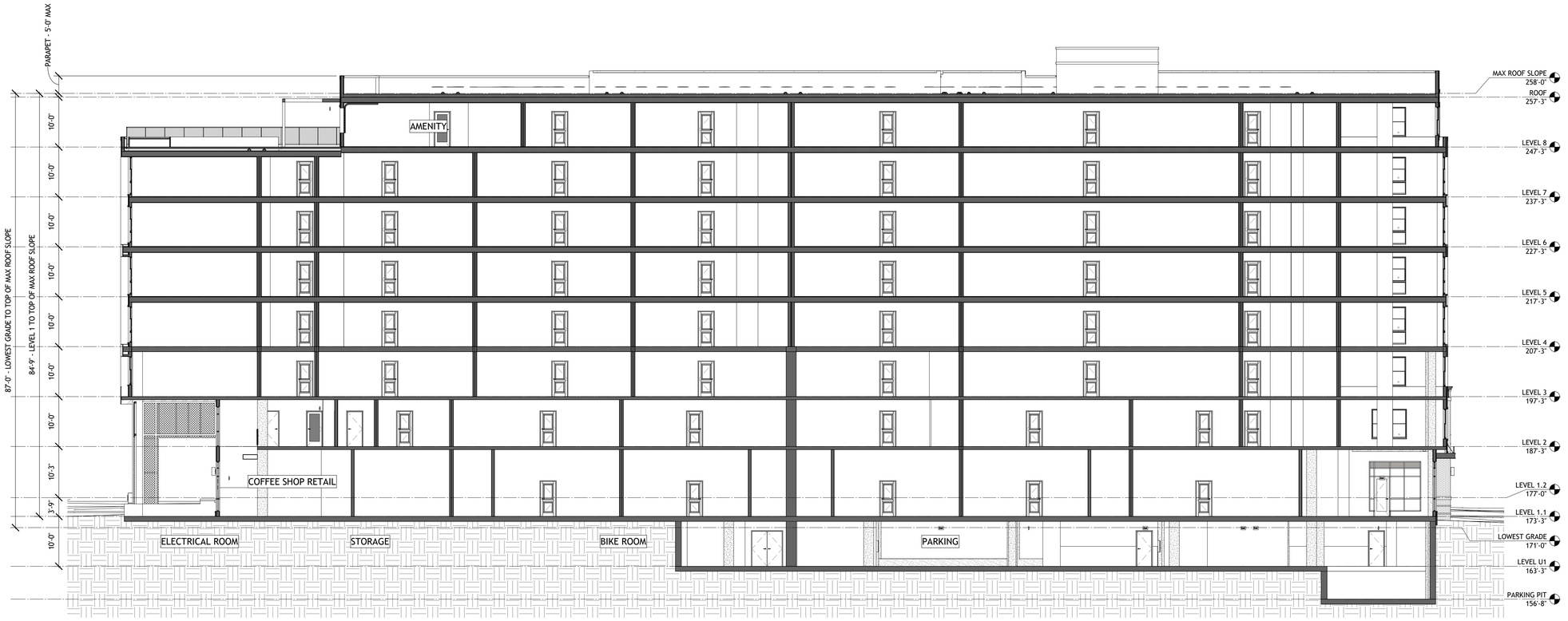
BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
ELEVATION- EAST (HIDDEN)

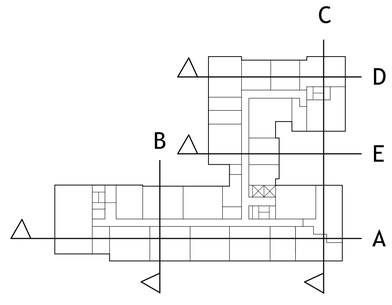
SHEET NUMBER:
A3-005

NOT RELEASED FOR CONSTRUCTION



0' 2'-8" 5'-4" 10'-8"

1 / A3-101 BUILDING SECTION A - ZONING
3/32" = 1'-0"



BUILDING SECTION KEYPLAN
NOT TO SCALE

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
E	USE PERMIT RESUBMIT.	12/10/21
F	SAP	12/22/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
P	USE PERMIT RESUBMIT.	08/22/22

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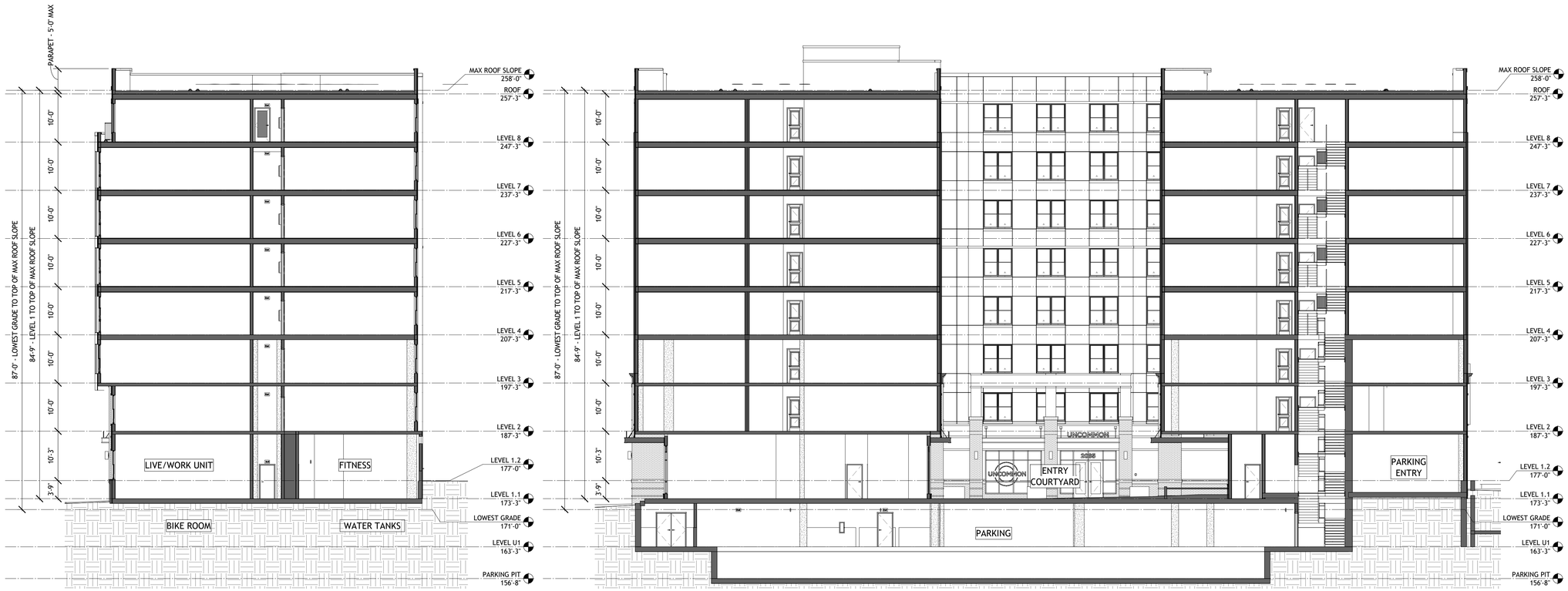
BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:
BUILDING SECTION

SHEET NUMBER:
A3-101

NOT RELEASED FOR CONSTRUCTION

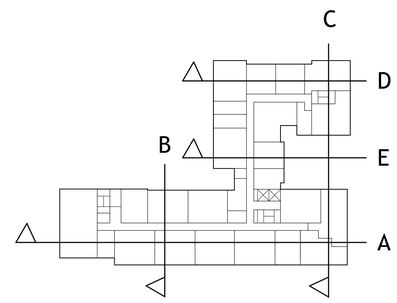


0 2'-8" 5'-4" 10'-8"

1 / A3-102 BUILDING SECTION B - ZONING
3/32" = 1'-0"

0 2'-8" 5'-4" 10'-8"

2 / A3-102 BUILDING SECTION C - ZONING
3/32" = 1'-0"



BUILDING SECTION KEYPLAN
NOT TO SCALE

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
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Atlanta, GA 30305

T 404 365 7600

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
F	SAP	12/22/21
H	USE PERMIT RESUBMIT.	3/17/22
I	SAP RESUBMIT.	3/23/22
M	APRIL DRC MEETING	4/11/22
N	JUNE LMRKS. MEETING	5/10/22
P	USE PERMIT RESUBMIT.	08/22/22

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA STUDENT LIVING BERKELEY, LLC

SHEET TITLE:

BUILDING SECTION

SHEET NUMBER:

A3-102

NOT RELEASED FOR CONSTRUCTION

1 A3-203 PERSPECTIVE - KITTREDGE ST AND HAROLD WAY CORNER
NOT TO SCALE

2 A3-203 PERSPECTIVE - KITTREDGE ST RETAIL SPACE
NOT TO SCALE

3 A3-203 PERSPECTIVE - PERSPECTIVE - KITTREDGE ST PLAZA AND RETAIL
NOT TO SCALE

4 A3-203 PERSPECTIVE - PERSPECTIVE - KITTREDGE ST PLAZA AND RETAIL
NOT TO SCALE

PROJECT # : 121246
DRAWN BY: TF, RK
CHECKED BY: MM

NILES BOLTON ASSOCIATES

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Suite 600
Atlanta, GA 30305

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
2	PRELIM APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/25/21
5	USE PERMIT RESUBMIT.	12/10/21
6	SAP	12/22/21
8	USE PERMIT RESUBMIT.	3/17/22
9	SAP RESUBMIT.	3/23/22
11	USE PERMIT RESUBMIT.	3/28/22
12	APRIL DRC MEETING	4/11/22
13	JUNE LMRKS. MEETING	5/10/22
14	STAFF REVIEW	07/01/22
15	STAFF REVIEW #2	07/13/22

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
PERSPECTIVES

SHEET NUMBER:
A3-203

NOT RELEASED FOR CONSTRUCTION

1 A3-202 PERSPECTIVE - HAROLD WAY LIVE/WORK UNIT ENTRIES
NOT TO SCALE

2 A3-202 PERSPECTIVE - NORTH WEST CORNER AERIAL
NOT TO SCALE

3 A3-202 PERSPECTIVE - ALLSTON WAY AND HAROLD WAY RETAIL ENTRY
NOT TO SCALE

4 A3-202 PERSPECTIVE - ALLSTON WAY AND HAROLD WAY CORNER
NOT TO SCALE

PROJECT # : 121246
DRAWN BY: TF, RK
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
8	USE PERMIT RESUBMIT.	3/17/22
9	SAP RESUBMIT.	3/23/22
11	USE PERMIT RESUBMIT.	3/28/22
12	APRIL DRC MEETING	4/11/22
13	JUNE LMRKS. MEETING	5/10/22

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BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
PERSPECTIVES

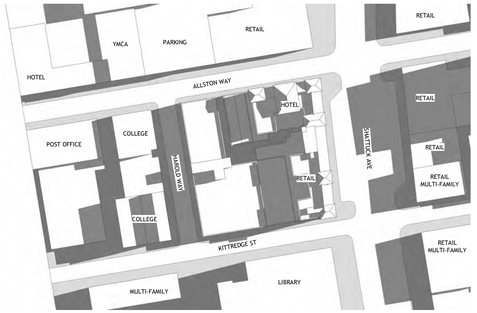
SHEET NUMBER:
A3-202

NOT RELEASED FOR CONSTRUCTION

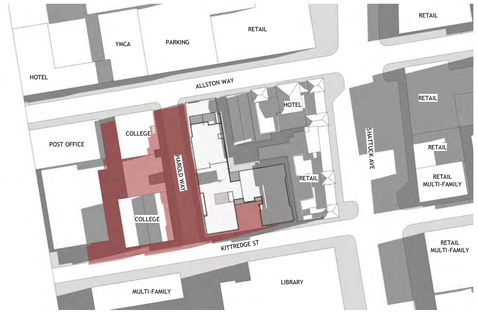
NEW SHADOWS FROM PROPOSED PROJECT SHOWN IN RED

JUNE 21 MORNING

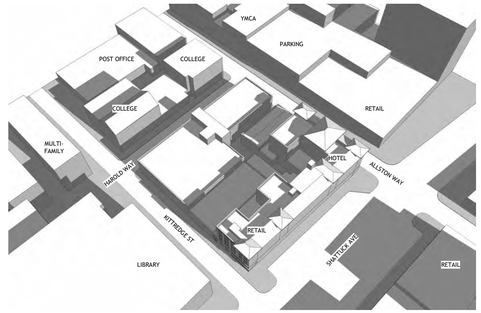
2 HOURS AFTER SUNRISE - 7:47 AM



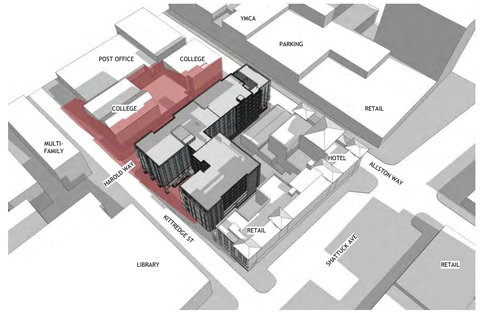
TOP VIEW EXISTING



TOP VIEW PROPOSED



ANGLE VIEW EXISTING

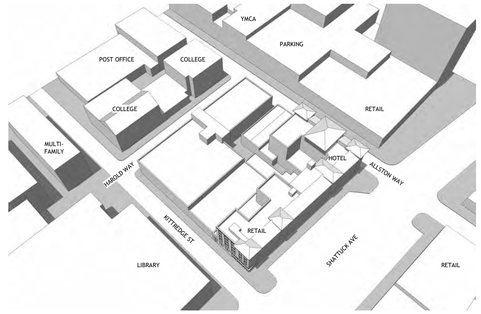


ANGLE VIEW PROPOSED

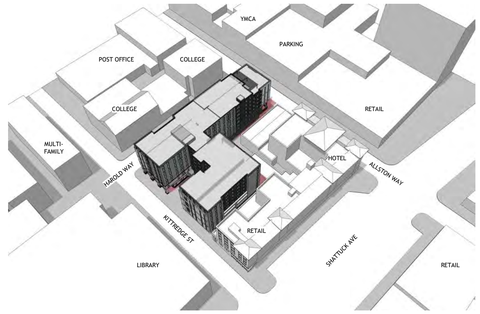
JUNE 21 NOON

TOP VIEW EXISTING

TOP VIEW PROPOSED



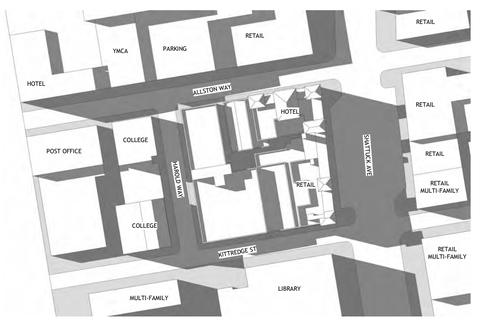
ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

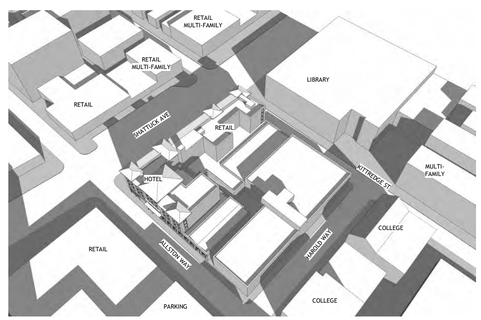
JUNE 21 EVENING

2 HOURS BEFORE SUNSET - 6:34 PM

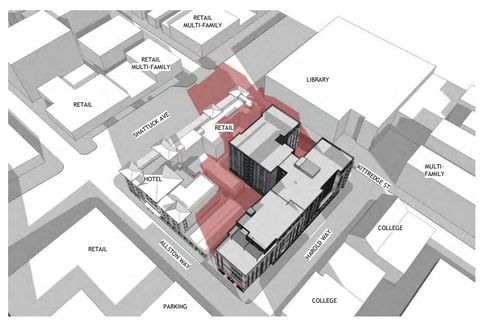


TOP VIEW EXISTING

TOP VIEW PROPOSED



ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
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Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
4	USE PERMIT	10/25/21
5	USE PERMIT RESUBMIT.	12/10/21
6	SAP	12/22/21
9	SAP RESUBMIT.	3/23/22
12	APRIL DRC MEETING	4/11/22
13	JUNE LMRKS. MEETING	5/10/22

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
SHADOW STUDIES - JUNE 21

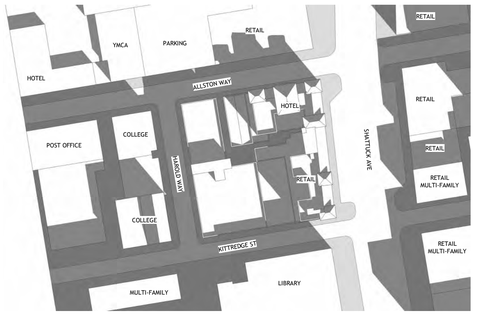
SHEET NUMBER:
A3-301

NOT RELEASED FOR CONSTRUCTION

NEW SHADOWS FROM PROPOSED PROJECT SHOWN IN RED

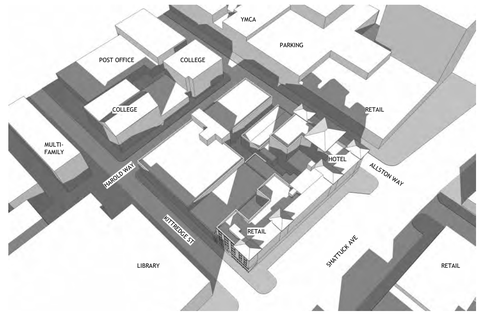
DECEMBER 21 MORNING

2 HOURS AFTER SUNRISE - 9:21 AM

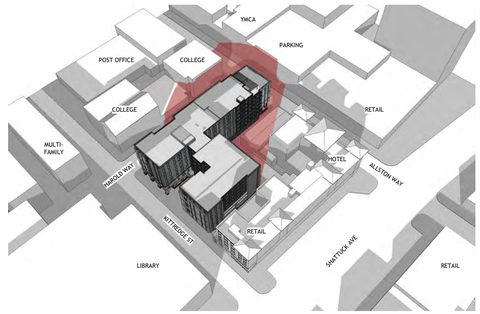


TOP VIEW EXISTING

TOP VIEW PROPOSED



ANGLE VIEW EXISTING

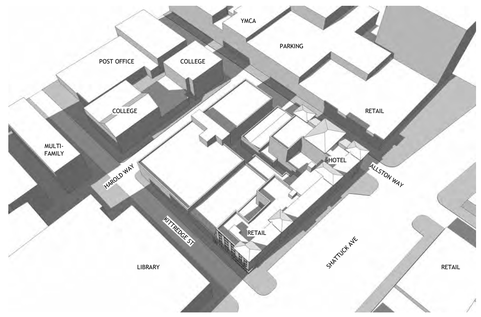


ANGLE VIEW PROPOSED

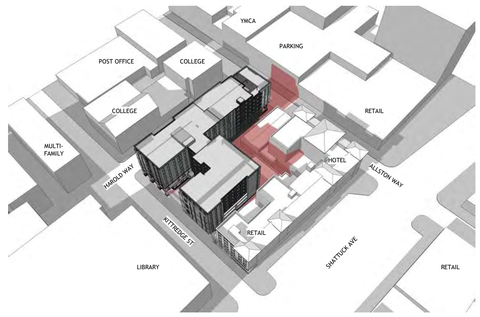
DECEMBER 21 NOON

TOP VIEW EXISTING

TOP VIEW PROPOSED



ANGLE VIEW EXISTING



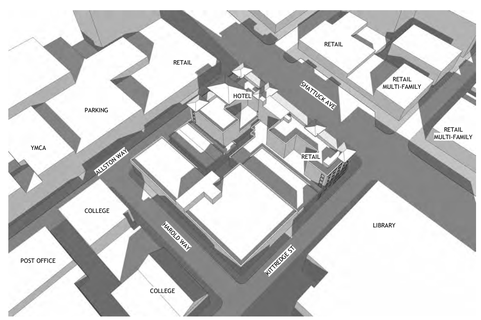
ANGLE VIEW PROPOSED

DECEMBER 21 EVENING

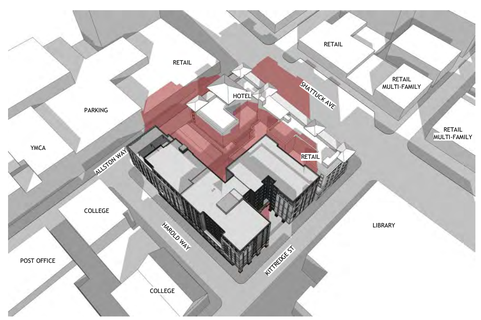
2 HOURS BEFORE SUNSET - 2:53 PM

TOP VIEW EXISTING

TOP VIEW PROPOSED



ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
5	USE PERMIT RESUBMIT.	12/10/21
6	SAP	12/22/21
9	SAP RESUBMIT.	3/23/22
12	APRIL DRC MEETING	4/11/22
13	JUNE LMRKS. MEETING	5/10/22

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
SHADOW STUDIES
-DEC 21

SHEET NUMBER:
A3-302

NOT RELEASED FOR CONSTRUCTION

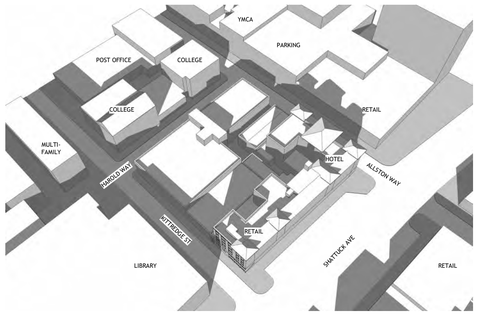
NEW SHADOWS FROM PROPOSED PROJECT SHOWN IN RED

DECEMBER 10 MORNING

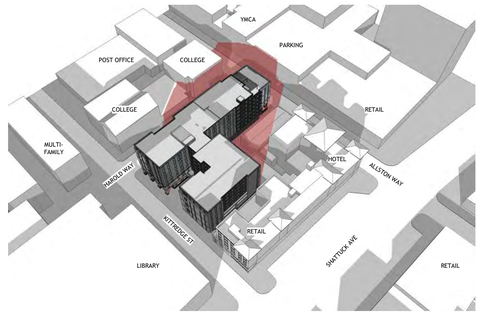
2 HOURS AFTER SUNRISE - 9:14 AM

TOP VIEW EXISTING

TOP VIEW PROPOSED



ANGLE VIEW EXISTING

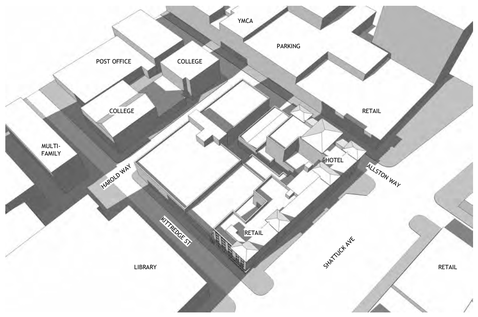


ANGLE VIEW PROPOSED

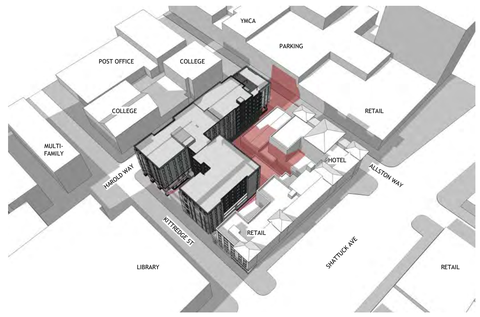
DECEMBER 10 NOON

TOP VIEW EXISTING

TOP VIEW PROPOSED



ANGLE VIEW EXISTING



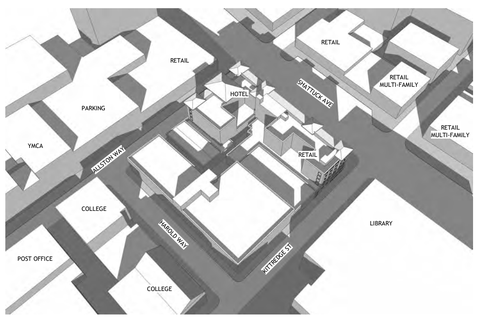
ANGLE VIEW PROPOSED

DECEMBER 10 EVENING

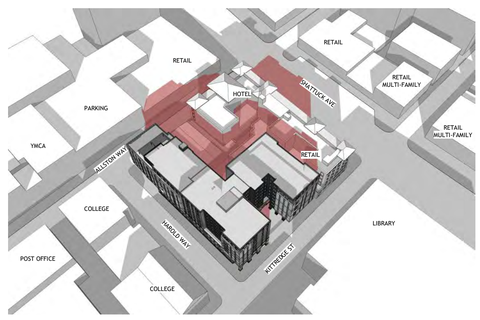
2 HOURS BEFORE SUNSET - 2:49 PM

TOP VIEW EXISTING

TOP VIEW PROPOSED



ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
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Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
5	USE PERMIT RESUBMIT.	12/10/21
6	SAP	12/22/21
9	SAP RESUBMIT.	3/23/22
12	APRIL DRC MEETING	4/11/22
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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
SHADOW STUDIES
-DEC 10

SHEET NUMBER:
A3-303

NOT RELEASED FOR CONSTRUCTION

1 / A3-304 STREET STRIP ELEVATION - ALLSTON WAY
NOT TO SCALE

2 / A3-304 STREET STRIP ELEVATION - KITTREDGE ST
NOT TO SCALE

EXTERIOR ELEVATIONS FOR GENERAL REFERENCE ONLY. PLEASE REFER TO ENLARGED ELEVATIONS FOR PROPOSED DESIGN

PROJECT # : 121246
DRAWN BY: TF, RK
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

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www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
4	USE PERMIT	10/25/21
5	USE PERMIT RESUBMIT.	12/10/21
6	SAP	12/22/21
9	SAP RESUBMIT.	3/23/22
13	JUNE LMRKS. MEETING	5/10/22

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BERKELEY, CA 94704

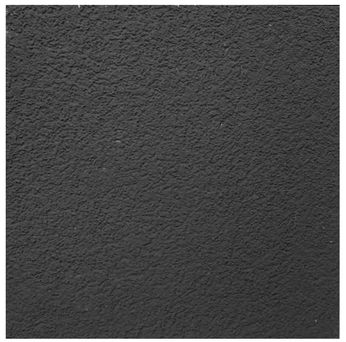
CA VENTURES

SHEET TITLE:
STREET STRIP ELEVATIONS

SHEET NUMBER:
A3-304

NOT RELEASED FOR CONSTRUCTION

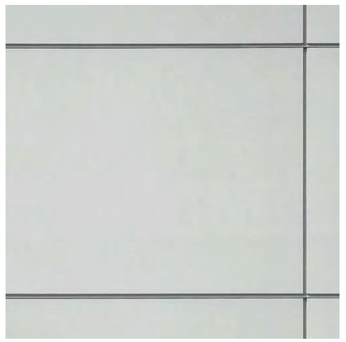
E1 - TAN STUCCO



E2 - CHARCOAL GREY STUCCO

E3 - DARK TAN STUCCO

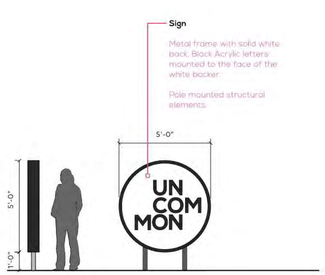
E4 - BRICK

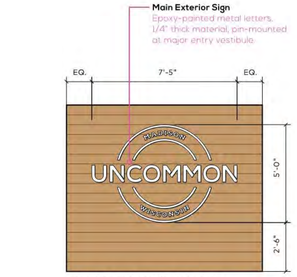


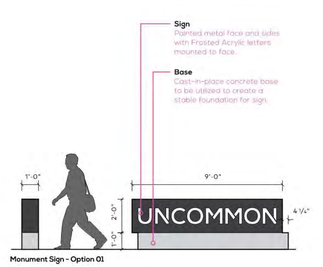
E5 - WHITE FIBER CEMENT

E7 - ALUMINUM CANOPY

E8 - EXTERIOR WALL SCONCE







E9 - SIGNAGE

1 / A3-305 MATERIAL BOARD
NOT TO SCALE

PROJECT # : 121246
DRAWN BY: TF, RK
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
6	SAP	12/22/21
9	SAP RESUBMIT.	3/23/22
11	USE PERMIT RESUBMIT.	3/28/22
12	APRIL DRC MEETING	4/11/22
13	JUNE LMRKS. MEETING	5/10/22

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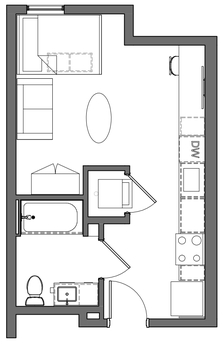
BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

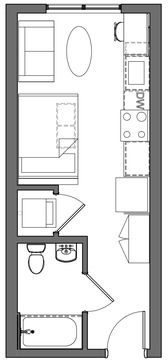
SHEET TITLE:
MATERIAL BOARDS

SHEET NUMBER:
A3-305

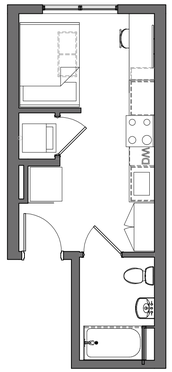
NOT RELEASED FOR CONSTRUCTION



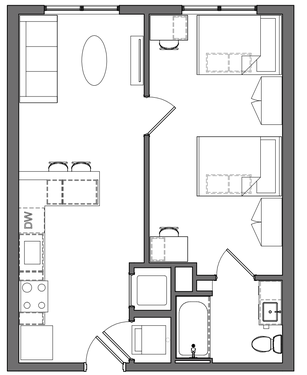
2 A5-001 SAMPLE UNIT - S2
3/16" = 1'-0"



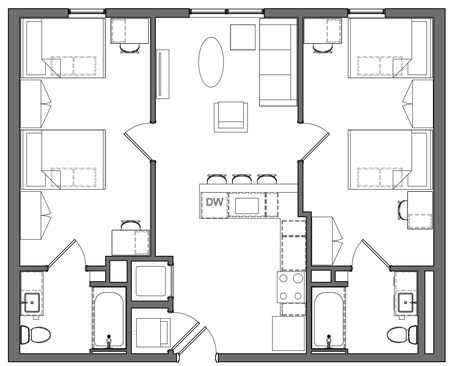
3 A5-001 SAMPLE UNIT - MS1
3/16" = 1'-0"



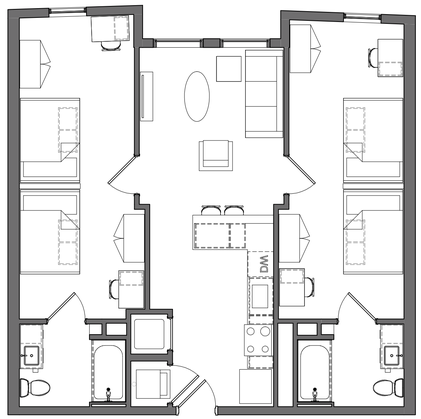
4 A5-001 SAMPLE UNIT - NS1
3/16" = 1'-0"



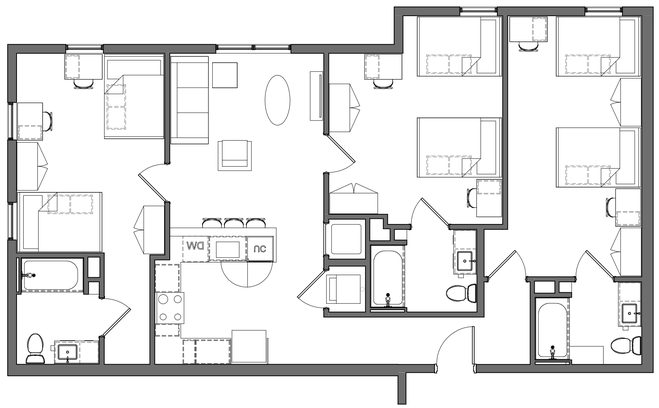
5 A5-001 SAMPLE UNIT - A1
3/16" = 1'-0"



1 A5-001 SAMPLE UNIT - B1
3/16" = 1'-0"



6 A5-001 SAMPLE UNIT - B2
3/16" = 1'-0"



7 A5-001 SAMPLE UNIT - C1
3/16" = 1'-0"

0 1'-4" 2'-8" 5'-4"

PROJECT # : 121246
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

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APPLICANT:

BILL SCHRADER

T 925 638 8782

No.	Description	Date
4	USE PERMIT	10/25/21
5	USE PERMIT RESUBMIT.	12/10/21
6	SAP	12/22/21
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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
SAMPLE UNITS

SHEET NUMBER:
A5-001

NOT RELEASED FOR CONSTRUCTION

REVISIONS

1	Use Permit Resubmit 12/10/21
2	Design Review Submit 03-21-22
3	Design Review Submit 05-18-22
4	DRC Resubmittal 07-22-22
5	
6	
7	

RW Stover & Associates, Inc.
Landscape Architecture
1620 North Main Street, Suite 4
Walnut Creek, CA 94596
Ph: 925.937.3383

LANDSCAPE ARCHITECT — RICHARD WARREN STOVER — 3017 — Signature — STATE OF CALIFORNIA

BERKELEY PLAZA
2065 KITTREDGE STREET
BERKELEY, CALIFORNIA

GROUND LEVEL
PRELIMINARY
LANDSCAPE PLAN

DESIGNED:	DRAWN:
CHECKED:	JOB NO:
DATE	08-04-22
SCALE	NOTED

SHEET
L1
OF SHEETS

Master Landscape Design Concept

The landscape design for the Berkeley Plaza blends the City and Bay-Friendly landscape requirements to fit within the context of the surrounding project's urban character, as well as provide a more individual character of onsite plant materials and compositions that compliment the building architecture. Usable space is the focus of each outdoor courtyard, providing site residents amenity space and garden atmosphere while allowing for required stormwater treatment areas. The plant palette is predominantly California Natives, with a generous mix of pollinators to encourage the local insect and bird populations.

GRAPHIC SCALE
16 0 8 16 32 64
(IN FEET)
1 inch = 16 ft.

REFER TO SHEET L2 FOR ROOF DECK LANDSCAPE
REFER TO SHEET L3 FOR PLANT LIST AND IMAGES

GRAPHIC SCALE

16 0 8 16 32 64

(IN FEET)
1 inch = 16 ft.

REFER TO SHEET L3 FOR PLANT LIST AND IMAGES

REVISIONS

1	Use Permit Resubmit	12/10/21
2	Design Review Submit	03-21-22
3	Design Review Submit	05-18-22
4	DRC Resubmittal	07-22-22
5		
6		
7		

RW Stover & Associates, Inc.
Landscape Architecture
1620 North Main Street, Suite 4
Walnut Creek, CA 94596
Ph: 925.937.1393

LANDSCAPE ARCHITECT ★ ROBERT WAYNE STOVER ★ 3017 ★ STATE OF CALIFORNIA ★ Signature ★ Renewal 08-31-23

BERKELEY PLAZA
2065 KITTREDGE STREET
BERKELEY, CALIFORNIA

EIGHTH FLOOR
PRELIMINARY
LANDSCAPE PLAN

DESIGNED:	DRAWN:
CHECKED:	JOB NO:
DATE	08-04-22
SCALE	NOTED

SHEET
L2
OF SHEETS

SPECIMEN ACCENT TREES IN RAISED PLANTERS
CERCIS OCCIDENTALIS (WESTERN REDBUD)

PROPOSED PLANT MATERIAL LIST (ALL BUILDING LEVELS):

BOTANICAL NAME	COMMON NAME	MATURE SIZE(HxW')	SIZE	WUCOLS WATER USE	NATIVE	COUNT
TREES:						
STREET TREE (CITY-APPROVED)		SEE PLAN	24" BOX	MED	NO	9
CERCIS OCCIDENTALIS (LOW-BRANCHING)	WESTERN REDBUD	18'x18'	36" BOX	LOW	YES	6
SHRUBS:						
*+CALYCANTHUS OCCIDENTALIS	SPICE BUSH	8'x5'	5 GA	LOW	YES	11
+ERIOGONUM ARBORESCENS	BUCKWHEAT	4'x4'	5 GA	LOW	YES	15
*+SALVIA CLEVE. 'WINNIFRED GILLMAN'	CALIFORNIA BLUE SAGE	3'x5'	5 GA	LOW	YES	29
TEUCRIUM 'COMPACTA'	DWARF GERMANDER	3'x3'	5 GA	LOW	NO	8
PERENNIALS / GRASSES:						
* +ACHILLEA MILLEFOLIUM	COMMON YARROW	1'x2'	1 GA	LOW	YES	44
ERIGERON GLAUCUS	BEACH ASTER	1'x2.5'	1 GA	LOW	YES	36
*FESTUCA CALIFORNICA	CALIFORNIA FESCUE	2'x3'	5 GA	LOW	YES	8
*JUNCUS PATENS	CALIFORNIA GRAY RUSH	1.5'x3'	1 GA	LOW	YES	17
*MUHLENBERGIA RIGENS	DEER GRASS	4'x4'	5 GA	LOW	YES	14
+PENSTEMON HETEROPHYLLUS	FOOTHILL PENSTEMON	3'x2'	1 GA	LOW	YES	44

POLLINATOR PLANTS NOTE: 63% OF PLANT PALETTE IS NATIVE POLLINATOR SPECIES (143 OF 226 SPECIMENS)

\+ DENOTES PLANT SPECIES RECOMMENDED AS POLLINATOR PLANT IN NORTHERN CALIFORNIA

* DENOTES PLANT SPECIES SELECTED FROM THE ALAMEDA COUNTY APPENDIX B STORMWATER MEASURES PLANT LIST

WATER EFFICIENT LANDSCAPE WORKSHEET

REFERENCE EVAPOTRANSPIRATION (ETo): 41.8

HYDROZONE / PLANTING DESCRIPTION	PLANT FACTOR (PF)	IRRIGATION METHOD	IRRIGATION EFFICIENCY (IE)	ETAF (PF / IE)	LANDSCAPE AREA (sq. ft.)	ETAF x AREA	ESTIMATED TOTAL WATER USE (ETWU)
REGULAR LANDSCAPE AREAS:							
LOW WATER USE	0.3	DRIP	0.81	0.3703703	1,862	689.6294986	17872.4
MEDIUM WATER USE	0.5	BUBBLER	0.81	0.6172839	90	55.555551	1439.8
				TOTALS:	1952	745	
SPECIAL LANDSCAPE AREAS:							
REC. AREA				0	0	0	0
WATER FEATURE 1				0	0	0	0
WATER FEATURE 2				0	0	0	0
				TOTALS:	0	0	
						ETWU TOTAL:	19,312
						MAXIMUM ALLOWED WATER ALLOWANCE (MAWA):	22,765

ETAF CALCULATIONS:

REGULAR LANDSCAPE AREAS:

TOTAL ETAF x AREA	745
TOTAL LANDSCAPE AREA	1,952
AVERAGE ETAF	0.38

NOTE: AVERAGE ETAF FOR REGULAR LANDSCAPE AREAS MUST BE 0.55 OR BELOW FOR RESIDENTIAL AREAS, AND 0.45 OR BELOW FOR NON-RESIDENTIAL AREAS.

ALL LANDSCAPE AREAS:

TOTAL ETAF x AREA	745
TOTAL LANDSCAPE AREA	1,952
SITEWIDE ETAF	0.38

GENERAL NOTES:

1. ALL PLANTING SHALL BE WATERED BY FULLY AUTOMATIC, WATER-CONSERVING IRRIGATION SYSTEM.
2. ALL PLANTING AREAS, EXCEPT FOR STORMWATER TREATMENT PLANTERS, SHALL RECEIVE A 3" LAYER OF FIRBARK MULCH DRESSING.
3. STORMWATER TREATMENT PLANTERS SHALL RECEIVE A 2" DEEP LAYER OF 1-3/8"Ø DECORATIVE RIVER-WASHED GRAVEL.

PROJECT PRIVATE USABLE LANDSCAPE OPEN SPACE

	TOTAL AREA	LANDSCAPE AREA
• GROUND LEVEL	4,481 SF	835 SF
• ROOF LEVEL	2,742 SF	722 SF
	7,223 SF	1,557 SF

CITY REQUIREMENT THAT LANDSCAPE AREA EQUALS 40% OF USABLE PRIVATE OPEN SPACE
TOTAL AREA OF LANDSCAPE PROVIDED EQUALS 21.5% OF USABLE PRIVATE OPEN SPACE

BUILT-IN PLANTERS

PREFABRICATED PLANTERS
TOURNESOL 'WILSHIRE' COLLECTION
COLOR: BRONZE

BIKE RACKS
COLUMBIA CASCADE LOOP RACK
WITH GALVANIZED FINISH

ARTIFICIAL FIBERGLASS PEBBLE FURNITURE (LARGE AND SMALL)
FROM NATURE WORKS, ENGLAND

REVISIONS

1	Use Permit Resubmit 12/10/21
2	Design Review Submit 03-21-22
3	Design Review Submit 05-18-22
4	DRC Resubmittal 07-22-22
5	
6	
7	

RW Stover & Associates, Inc.
Landscape Architecture
1620 North Main Street, Suite 4
Walnut Creek, CA 94596
Ph: 925.937.3393

LANDSCAPE ARCHITECT STOVER 3017 Signature Date 8/4/22 REGISTERED STATE OF CA

BERKELEY PLAZA
2065 KITTREDGE STREET
BERKELEY, CALIFORNIA

RECOMMENDED
PLANT LIST, SITE
AMENITY IMAGES

DESIGNED: | DRAWN:
CHECKED: | JOB NO:
DATE 08-04-22
SCALE NOTED

SHEET L3
OF SHEETS

2065 Kittredge Street Mixed-Use Project

Addendum to the 2211 Harold Way Mixed-Use Project Final Environmental Impact Report (SCH #2014052063)

prepared by

City of Berkeley
1947 Center Street, 2nd Floor
Berkeley, California 94704
Contact: Sharon Gong, Senior Planner, (510) 981-7429)

prepared with the assistance of

Rincon Consultants, Inc.
449 15th Street, Suite 303
Oakland, California 94612

July 2022

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Environmental Scientists | Planners | Engineers
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Appendix A Structural Feasibility Letter
Appendix B California Emissions Estimator Model Results
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1 Introduction

This document is an Addendum to the *2211 Harold Way Mixed-Use Project Final Environmental Impact Report* (Final EIR) (State Clearinghouse #2014052063) for the 2211 Harold Way Mixed-Use Project, hereinafter referred to as "the original project." The Final EIR was certified in December 2015 by the City of Berkeley. The Final EIR included an Infill Environmental Checklist (IEC) as an appendix, which was prepared pursuant to California Environmental Quality Act (CEQA) Guidelines Section 15183.3 for infill projects and was intended to streamline the environmental review based on the analysis provided in the prior Downtown Area Plan (DAP) EIR.

The 2065 Kittredge Street Residential Project (hereinafter referred to as "the modified project") would involve changes to the previously approved original project considered under the Final EIR. Therefore, some modifications and additions are necessary to the previously certified Final EIR for the original project.

Pursuant to Section 15164 of the *CEQA Guidelines*, codified in Sections 15000 et seq. of Title 14 of the California Code of Regulations, a lead agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary but none of the conditions described in Section 15612 calling for preparation of a subsequent EIR have occurred. Under Section 15162 (a), where an EIR has been certified for a project, no subsequent EIR shall be prepared for the project unless the lead agency determines, on the basis of substantial evidence in light of the whole record, that there are substantial changes in the project or circumstances or substantially important new information that will cause the project to have significant new impacts or substantially increase previously identified significant impacts.

Specifically, the *CEQA Guidelines* state:

- The lead agency or responsible agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary, but none of the conditions described in Section 15162 calling for preparation of a subsequent EIR have occurred (Section 15164 (a)).
- An addendum need not be circulated for public review but can be included in or attached to the final EIR or adopted negative declaration (Section 15164 (c)).
- The decision-making body shall consider the addendum with the final EIR or adopted negative declaration prior to making a decision on the project (Section 15164 (d)).
- A brief explanation of the decision not to prepare a subsequent EIR pursuant to Section 15162 should be included in an addendum to an EIR, the lead agency's findings on the project, or elsewhere in the record. The explanation must be supported by substantial evidence (Section 15164 (e))

According to Section 15164 of the *CEQA Guidelines*, an addendum to a previously certified EIR or negative declaration is the appropriate environmental document in instances when "only minor technical changes or additions are necessary" and when the new information does not involve new significant environmental effects beyond those identified in the previous EIR.

This addendum has been prepared in accordance with relevant provisions of CEQA (California Public Resources Code Section 21000, *et seq.*) and the *CEQA Guidelines*. It describes the modified project and compares its impacts to those identified in the Final EIR. The analysis demonstrates that the modified project does not require the preparation of a subsequent EIR.

2 Project Description

The modified project, like the original project, is a proposed mixed-use development in Downtown Berkeley and is on the same project site as the original project. Also similar to the original project, the modified project's primary street frontage would be along Harold Way, with shorter frontages on portions of Allston Way and Kittredge Street. The main building entrance and entrance to the subterranean garage would remain on Kittredge Street between Harold Way and Shattuck Avenue. The project location is shown in Figure 1. Similar to the original project, the existing structures on the site would be altered or demolished to accommodate the modified project, as detailed in the Final EIR for the original project (hereby incorporated by reference).

The modified project would alter some additional components of the original project, including a reduction in the building height, number of proposed residential units, the amount of commercial/retail space, and the number of parking spaces; demolition of the existing movie theater, rather than retaining/modifying it; and changes in the location of pedestrian and vehicle access points. These modifications are listed in more detail under *Summary of Proposed Changes*, below. The proposed modifications would not substantially expand, intensify, or change the use of the proposed building compared to that of the original project, and the modified project would continue to comply with the Berkeley Municipal Code and Downtown Area Plan. Overall, the proposed modifications would result in a smaller and less intensive mixed-use project than the original project. Figure 2 through Figure 7 show the modified project plans, including the proposed open space areas and an architectural rendering.

Additional differences between the original project and the modified project include architectural design, replacing the façade solar fins with a rooftop solar system that has greater capacity pursuant to 2019 California Green Building Standards Code (CalGreen), including a rainwater capture system for landscape irrigation, and adding a low-flow planter filtration system on the proposed roof terraces. The modified project footprint would be slightly reduced as compared to the original project, as it would not extend to the southeastern corner of Kittredge Street and Shattuck Avenue and none of the existing building on the corner would be demolished.

Site preparation, construction procedures, and proposed utility connections would remain similar to the original project. Please refer to the Final EIR for details regarding these project components. However, site preparation and architectural coating phases are estimated to be longer than assumed in the Final EIR, as discussed under Section 4.2, *Air Quality.* Additionally, excavation and subsurface work would be reduced under the modified project due to the reduction in proposed subterranean levels from three to one. As indicated in a memorandum submitted by DCI Engineers on October 22, 2021, included as Appendix A to this Addendum, neighboring structures and existing building foundations would not be substantially altered during construction of the modified project. Project design includes seismic reinforcement of the proposed building with reinforced concrete on the lower portion of the building (including the subterranean level) and conventional lightweight framing on the upper portion of the building.

The modified project includes a density bonus request. The project applicant would comply with the City's Housing Mitigation Fee Ordinance by restricting rental rates according to California's Density Bonus Law. The project would include nine very low-income units in order to qualify for density bonus units, as well as one incentive/concession and waivers (for height, setbacks, encroachments, and open space) under the Density Bonus Law (Government Code Section 65915). The proposed

level of affordability is at 5 percent of the base project (164 units) at very low-income levels. The very low-income units would be of comparable size to the market rate units and would contain, on average, the same number of bedrooms, and have comparable appearance, materials and finishes as the market rate units in the project. These units would also have access to the same common areas and amenities as the market rate units. The 20 percent density bonus would allow for up to 33 additional units, but only 24 of those bonus units are included for a final total of 188 units.

Summary of Proposed Changes

Project differences from the original project analyzed in the Final EIR that are relevant to the environmental analysis are described in Table 1.

Table 1 Changes to Previously Approved Project

Project Characteristic	Previously Approved Project	Updated Project
Total Building Size	**389,470 sf**	**220,982 sf**
Residential	278,185 sf	149,678 sf[1]
Retail	10,535 sf	4,181 sf[2]
Cinema	21,641 sf	N/A
Parking	79,109 sf	20,881 sf
Building Height	180 feet; 18 stories	87 feet; 8 stories
Total Residential Units	**302 units[3]**	**188 units[4]**
Studio	76 units	41 units
1-Bedroom	145 units	31 units
2-Bedroom	75 units	101 units
3-Bedroom	6 units	11 units
Live/Work	N/A	4 units
Affordable Units	28 units	9 units
Open Space		
Private Roof Terrace	16,406 sf	2,930 sf
Private Balconies	9,762 sf	N/A
Public Open Space	713 sf	9,186 sf[5]
Outdoor deck	18th floor, 4,354 sf	N/A
Cinema	641 seats 10 screening rooms	Demolished
Main Pedestrian Entrance	Corner of Kittredge Street and Harold Way	Kittredge Street between Harold Way and Shattuck Avenue
Parking	**3 subterranean levels**	**1 subterranean level**
Automobile	171 spaces	43 spaces
Bicycle	100 spaces	129

[1]Includes 9,019 sf of indoor residential amenity and 2,946 sf of elevated roof terrace amenity

[2]Includes 2,666 sf retail suite (coffee shop) and 1,515 sf work space in live/work units

[3]Units were approved to range in size from 474 sf to 1,103 sf.

[4]Units would range in size from 295 sf to 1,374 sf.

[5]Includes a 6,186 sf public plaza on Kittredge Street and a 3,000 sf public plaza on Allston Way

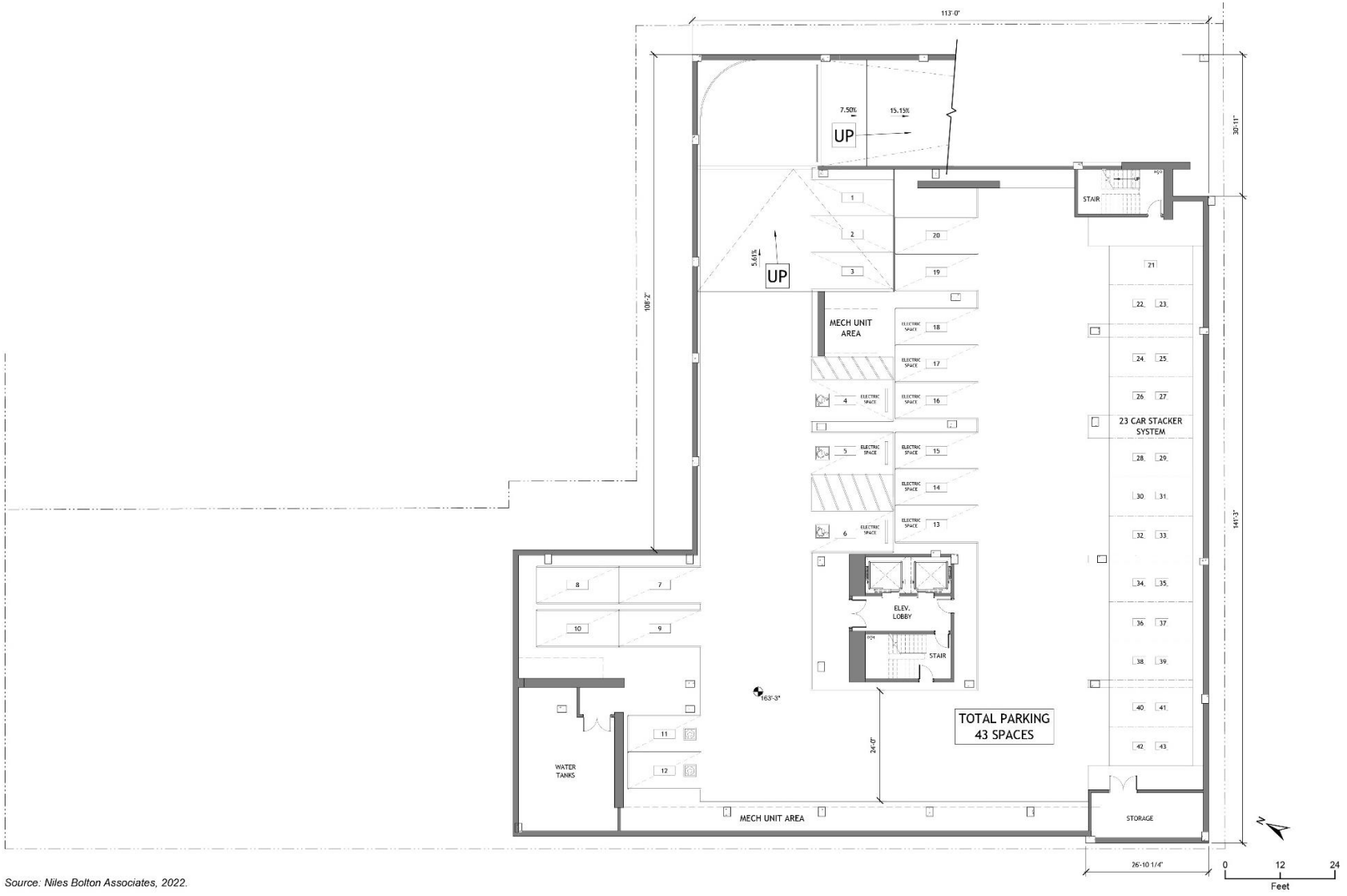
sf = square feet

City of Berkeley
2065 Kittredge Street Mixed-Use Project

Figure 1 Project Location

Imagery provided by Microsoft Bing and its licensors © 2022.

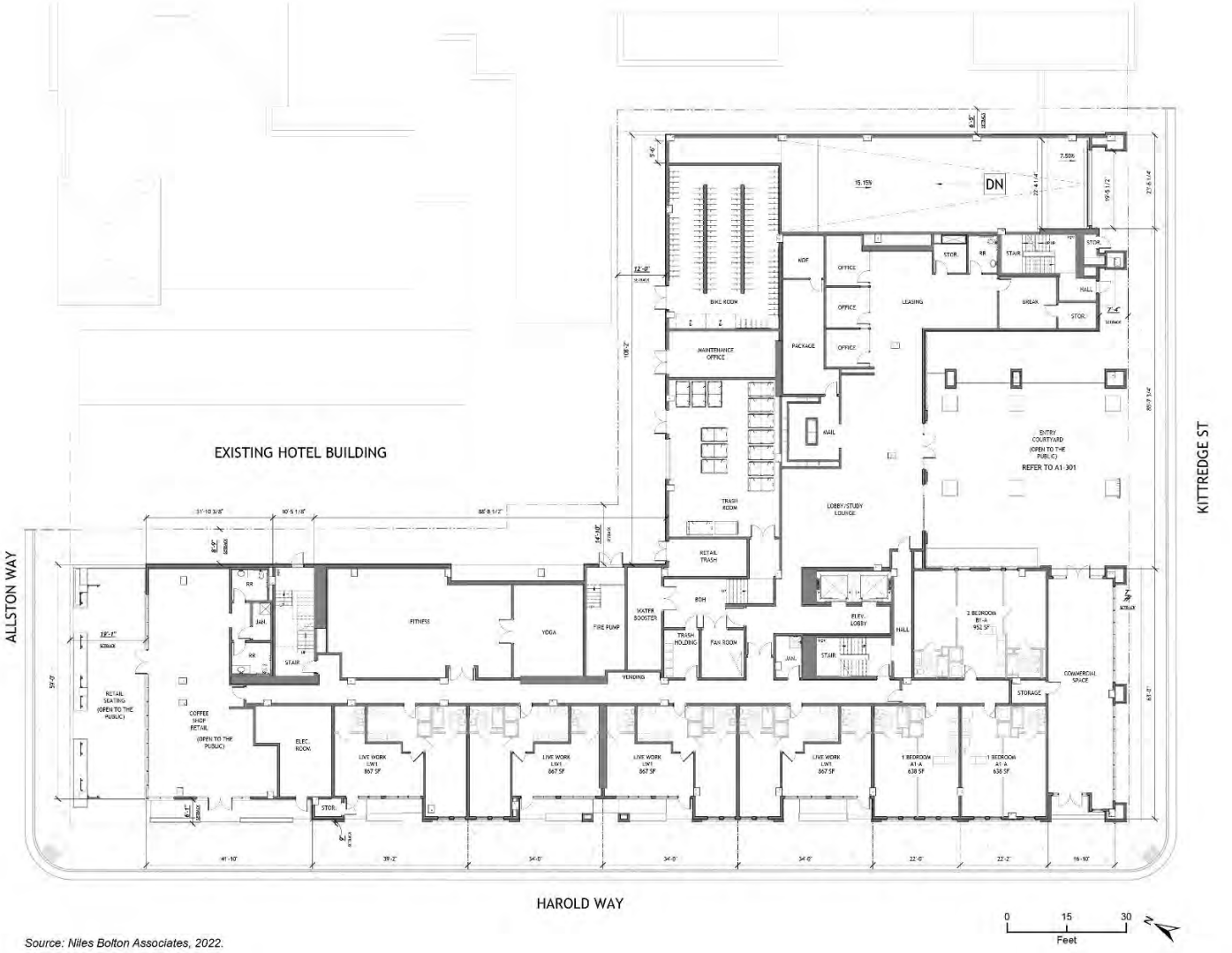
Figure 2 Proposed Underground Level Floor Plan



Source: Niles Bolton Associates, 2022.

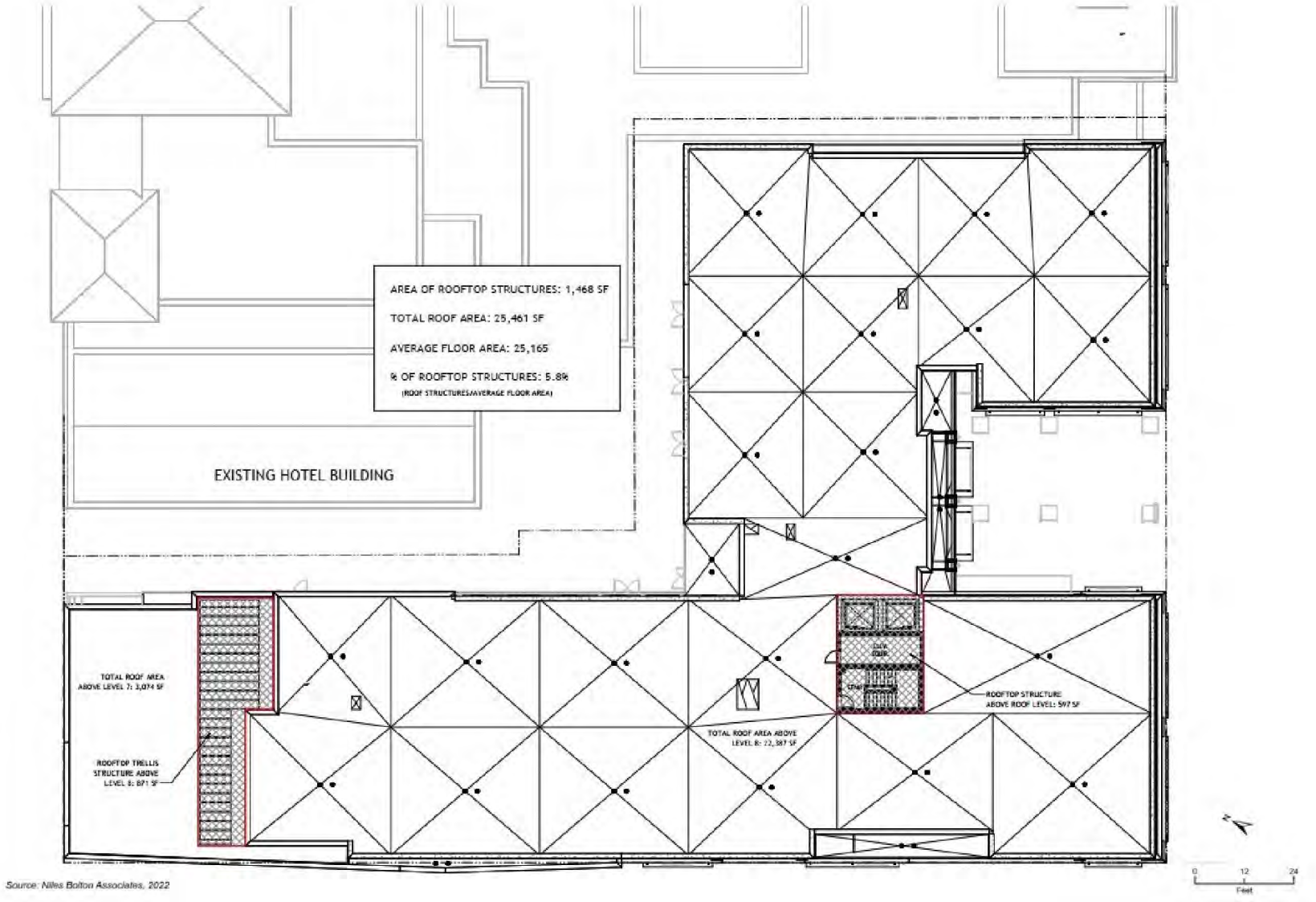
City of Berkeley
2065 Kittredge Street Mixed-Use Project

Figure 3 Proposed Ground Floor Plan



Source: Niles Bolton Associates, 2022.

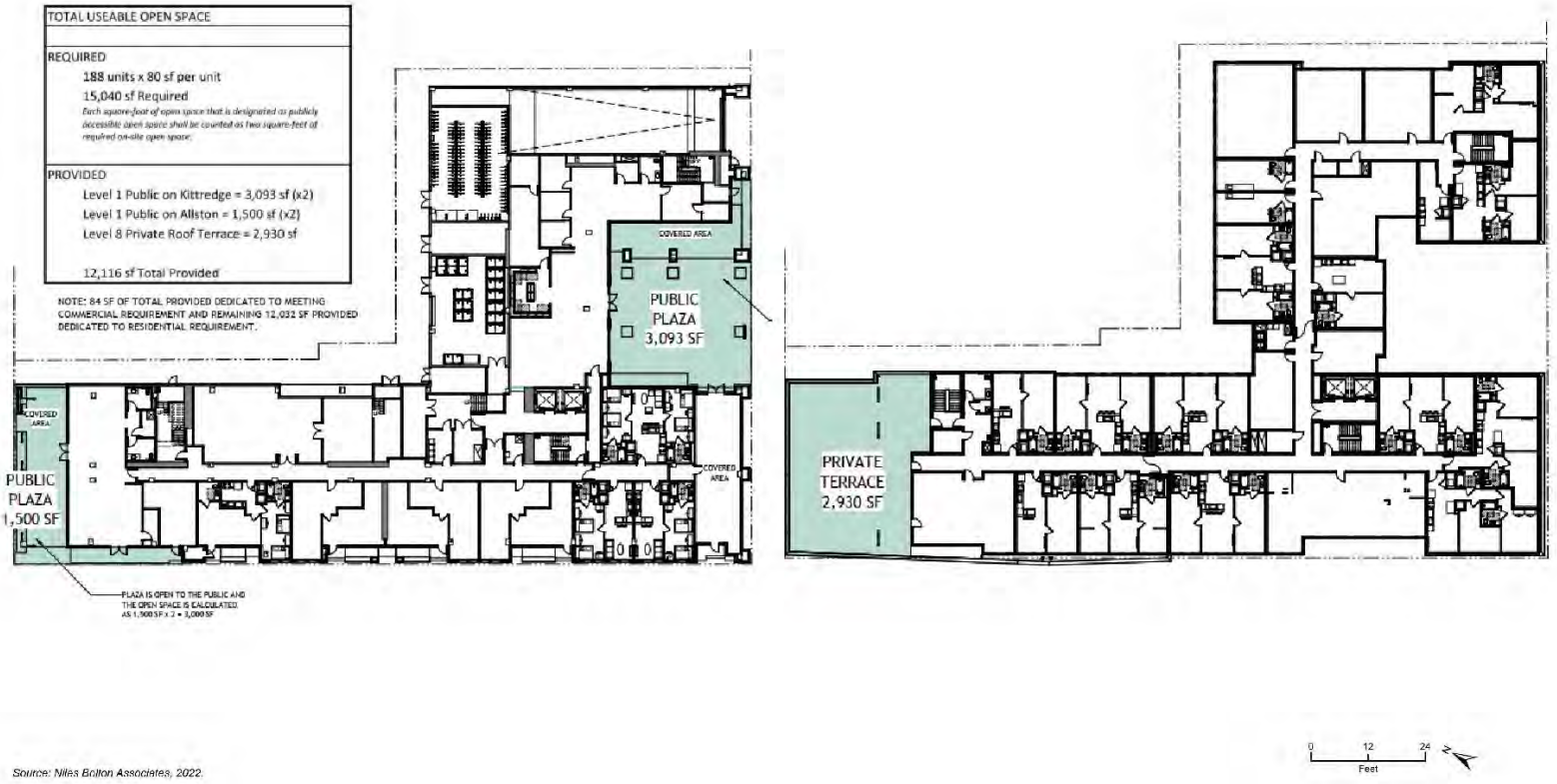
Figure 4 Proposed Roof Plan



Source: Niles Bolton Associates, 2022

City of Berkeley
2065 Kittredge Street Mixed-Use Project

Figure 5 Proposed Open Space Plan



Source: Niles Bolton Associates, 2022.

Figure 6 Proposed Architectural Rendering at Allston Way and Harold Way

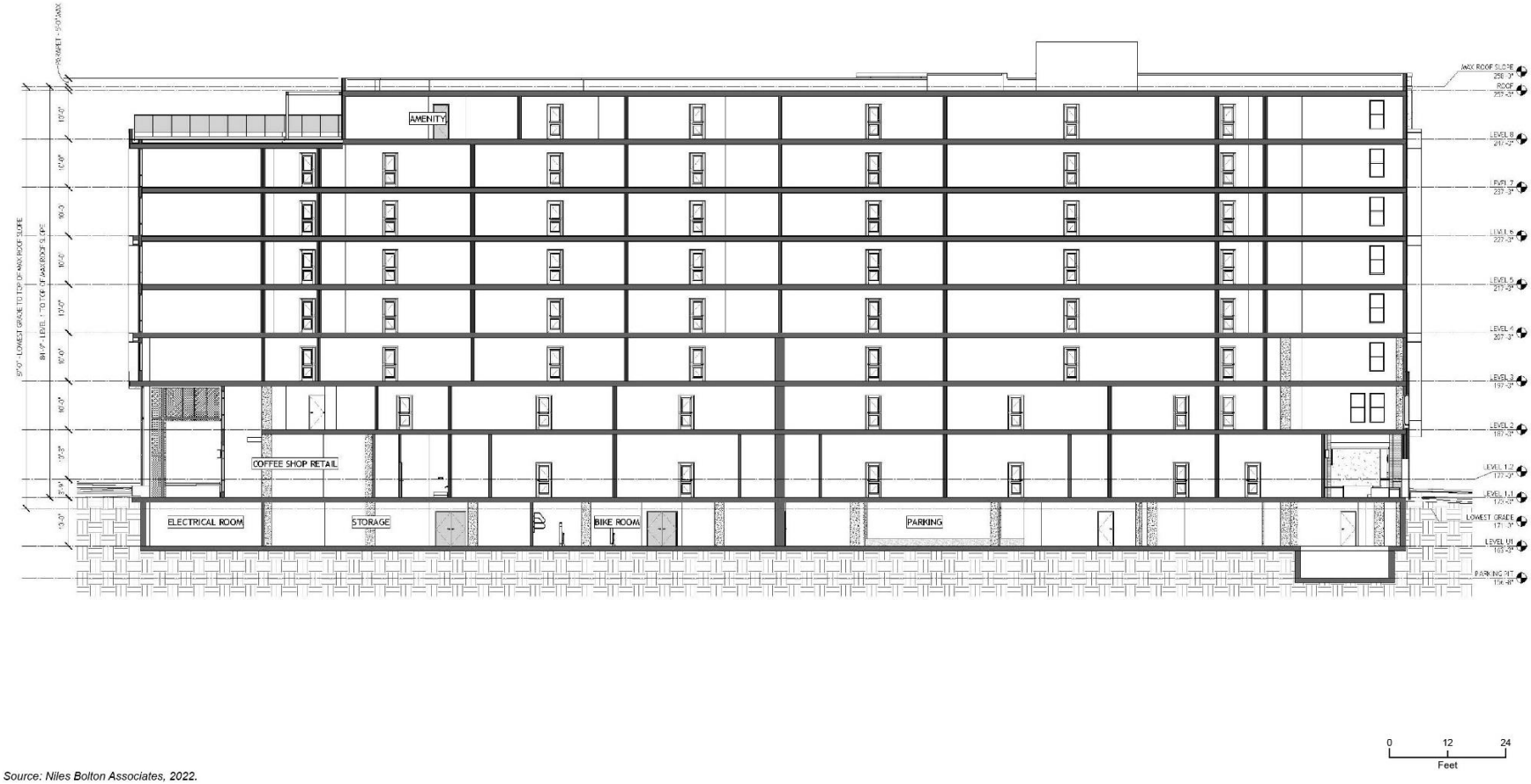
Perspective - Allston Way and Harold Way Corner

Source: Niles Bolton Associates, 2022.

NOT TO SCALE

City of Berkeley
2065 Kittredge Street Mixed-Use Project

Figure 7 Proposed Building Section (North to South Perspective, West Elevation)



Source: Niles Bolton Associates, 2022.

3 Decision Not to Prepare Subsequent EIR

As outlined in Section 15164 of the *CEQA Guidelines*, a lead agency shall prepare an addendum to a previously certified EIR if some changes or additions are necessary, but none of the conditions described in *CEQA Guidelines* Section 15162 calling for preparation of a subsequent EIR have occurred.

The impact analysis that follows demonstrates that the modified project would not introduce new, significant environmental impacts beyond those that have already been identified and characterized in the Final EIR and that there are no substantial changes in the project or circumstances or substantially important new information that would cause the project to have significant new impacts or substantially increase previously identified significant impacts. None of the conditions described in *CEQA Guidelines* Section 15162 that would call for preparation of a subsequent EIR have occurred or would occur because of the modified project. Therefore, this addendum is the appropriate level of environmental documentation to provide under CEQA. The City of Berkeley will include this addendum, along with the Final EIR for the original project, in its consideration of the modified project.

4 Environmental Impacts of the Proposed Changes to the Original Project

This addendum evaluates the changes proposed under the modified project compared to the original project against the *CEQA Guidelines* Section 15162 criteria, to determine whether a subsequent EIR is necessary for the modified project. The existing environmental conditions on and around the project site are substantially the same under present conditions as those described in the Final EIR, with the exception of two relevant changes described below in Section 4.1. The analysis contained in this section provides updates where necessary to characterize potential impacts.

Appendix G of the *CEQA Guidelines* provides a checklist of environmental issues areas suggested for assessment in a CEQA analysis. The Final EIR addressed two of these environmental issue areas in detail (Cultural Resources and Transportation/Traffic), and the IEC (Appendix A to the Draft EIR) addressed the remainder. The issue areas studied included the following:

- Aesthetics
- Agricultural and Forest Resources
- Air Quality
- Biological Resources
- Cultural Resources
- Geology and Soils
- Greenhouse Gas Emissions
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use and Planning
- Mineral Resources
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation/Traffic
- Utilities

To provide a thorough and conservative analysis of potential impacts associated with the modified project, this addendum addresses all 20 environmental issue areas included in Appendix G of the current *CEQA Guidelines*. These issue areas include tribal cultural resources, an issue area added to the *CEQA Guidelines* in September 2016 pursuant to Assembly Bill (AB) 52, after certification of the Final EIR. These issue areas also include energy and wildfire, which were added to the *CEQA Guidelines* in December 2018.

Potential environmental impacts of the modified project are analyzed to determine if they are consistent with the impact analysis provided in the Final EIR, including the previously prepared IEC, which was an attachment to the Final EIR, and if additional mitigation measures are required to minimize or avoid further potential impacts. Where the following analysis identifies impacts, discussion of previously identified mitigation measures from the Final EIR and/or IEC and existing applicable policies and regulations are discussed, as relevant, with respect to mitigating potential impacts from the modified project. Topics with the greatest potential for different impacts are addressed first, followed by briefer discussions of topics with minimal potential for different impacts, based on the scope and scale of the proposed project modifications.

4.1 Changes in Environmental Conditions

Most of the environmental conditions described in the Final EIR are substantially unchanged, but the Shattuck Avenue Reconfiguration and Pedestrian Safety Project was completed in December 2019. The planned improvements were accounted for during analysis of the original project, but the reconfiguration plans were refined after publication of the Final EIR. This change is discussed in Section 4.6, *Transportation*.

Between Allston Way and University Avenue, Shattuck Avenue was repaired and reconfigured such that the west (southbound) leg of Shattuck Avenue is a four-lane, two-way street; this eliminated the circuitous traffic movement at the intersection of Shattuck and University Avenues. A raised concrete median was installed at Shattuck Avenue and Center Street (east leg of Shattuck Avenue) to improved pedestrian safety by slowing vehicle speed at pedestrian crossings and encouraging vehicle traffic to use the west leg of Shattuck Avenue. The intersection of the eastern leg of Shattuck Avenue and Center Street is closed to traffic.

Several new buildings in the vicinity of the project site have either been constructed, are approved, or are pending approval. These buildings include 2129 Shattuck Avenue, a mixed-use hotel, which is already constructed; 2190 Shattuck Avenue, a mixed-use residential development, that is pending approval of a use permit modification; and 2128 Oxford Street through 2132-2154 Center Street, a mixed-use residential development that is pending approval.

4.2 Air Quality

Impacts Identified in the 2015 Final EIR and IEC

As discussed under Section III(a), *Air Quality*, of the 2015 IEC, the original project would contribute to population growth and associated criteria air pollutants from the automobiles new residents would drive, but the site is zoned Commercial Downtown Mixed Use District (C-DMU), and the modified project is consistent with this zoning designation, which in turn is consistent with the growth anticipated in the Berkeley General Plan and 2010 Climate Action Plan (CAP). Additionally, the original project included Transportation Demand Management measures to reduce reliance on parking, bicycle parking spaces, electric vehicle charging stations; LEED Gold certification; and roof gardens, rooftop solar panels, and solar shading, in compliance with 2010 CAP Control Measures. The original project would not disrupt implementation of CAP Control Measures and impacts would be less than significant. Furthermore, the original project would be consistent with Bay Area Air Quality Management District (BAAQMD) rules and regulations and would not disrupt efforts to reduce vehicle miles travelled.

As discussed under Section III (b-c) of the 2015 IEC, construction of the original project would result in the temporary generation of criteria air pollutants, which would affect local air quality. The construction and operational emissions of the original project is shown in Table 2. As shown therein, the original project would not have exceeded the BAAQMD construction threshold of 15 tons per year (tpy) for criteria air pollutants. Standard dust and diesel particulate matter reduction measures would be implemented pursuant to DAP EIR Mitigation Measure AIR-3, and impacts would be less than significant with mitigation. Operation of the original project would consume energy and result in new vehicle trips. Net new annual operational emissions are shown in Table 2. Therefore, the original project would not exceed the BAAQMD operation threshold of 15 tpy for criteria air pollutants and impacts would be less than significant.

Table 2 Previously Approved Project Air Quality Emissions

	ROG	NOx	CO	PM_{10}	$PM_{2.5}$
Construction Emissions (tpy)	6.1	5.2	5.1	0.7	0.4
Operational Emissions (tpy)	1.9	0.1	3.9	0.1	0.1

ROG = reactive organic gases; NOx = nitrous oxides; CO = carbon monoxide; PM_{10} = particulate matter less than 10 microns in diameter; $PM_{2.5}$ = particulate matter less than 2.5 microns in diameter; tpy = tons per year

As discussed under Section III(d) of the 2015 IEC, the original project does not include uses known to emit substantial quantities of toxic air contaminants (TACs). The original project is subject to DAP EIR Mitigation Measure AIR-2, which requires buffering sensitive receptors from TACs where possible. Therefore, impacts would be less than significant with mitigation.

As discussed under Section III(e) of the 2015 IEC, the original project's retail and restaurant uses could result in odors related to cooking and waste disposal. The project site is not located near existing odor-generating sources pursuant to the BAAQMD and *CEQA Guidelines*. The original project would be required to comply with standard permit conditions, which would control restaurant odors from becoming a nuisance. Therefore, impacts would be less than significant.

Impacts of the Modified Project

Since the Final EIR was certified, the modified project has been revised to include fewer residential units (reduced from 302 to 188 total units) and fewer parking spaces (reduced from 177 to 43 spaces), and to remove the cinema. The modified project would continue to include design features consistent with the 2010 CAP (which has not been updated since certification of the Final EIR), including low-energy-use appliances and lighting, Transportation Demand Management measures, improvements to the proposed solar system (compliance with 2019 CalGreen, which added solar requirements for some residential uses, including multifamily high rise under 10 stories, after certification of the original EIR), rainwater capture for landscape irrigation, and low-flow planter filtration system on roof terraces. The reduction in parking spaces and improvements to the solar system would improve its ability to meet 2010 CAP Control Measures, and impacts would not be greater than previously determined. The modified project would not substantially alter the previously proposed land uses and would continue to be consistent with the designated land use and zoning of the site. Overall, the modified project would be consistent with General Plan and 2010 CAP goals and policies, similar to the original project.

BAAQMD's thresholds have been updated from those used in the certified EIR. Daily construction air quality emission thresholds are 54 pounds per day (lb/day) for ROG, NOx, and $PM_{2.5}$ (exhaust) and 82 lb/day for PM_{10} (exhaust). The operational air quality emission thresholds set by the BAAQMD were lowered to 10 tpy for ROG, NOx, and $PM_{2.5}$ maximum annual emissions, with the PM_{10} maximum annual operational emission threshold remaining at 15 tpy. Additionally, since the Final EIR, a new version of California Emissions Estimator Model (CalEEMod) has been published. Based on these updates, updated emissions estimates for the modified project were calculated for this analysis.

The results of the modified project's CalEEMod modeling are provided in Table 3 and in Appendix B[1]. As shown in the table and in Appendix B, project air quality emissions would not exceed

[1] CalEEMod analysis is based on a previous site plan that included 191 units, no retail use, and the same amount of parking spaces. The reduction in units to 188 and addition of about 2,000 square feet of retail use would not substantially change emissions outputs.

BAAQMD construction thresholds and emissions are estimated to be lower than those reported in the Final EIR for the original project. Impacts would remain less than significant with required mitigation from the DAP EIR.

Table 3 Modified Project Air Quality Emissions

	ROG	NOx	CO	PM_{10}	$PM_{2.5}$
Construction Emissions (maximum tpy)[1]	0.7	2.2	2.5	0.1	0.1
Construction Emissions (maximum lb/day)	8.6	33.1	21.2	1.6	1.5
BAAQMD Threshold (lb/day)	**54**	**54**	**N/A**	**82**	**54**
Exceed Threshold?	No	No	No	No	No
Project Operational Emissions (tpy)	1.1	0.4	3.4	<0.1	<0.1
Existing On-Site Operational Emissions (tpy)[2]	1.5	3.3	12.0	1.1	0.3
Net Operational Emissions (tpy)[3]	-0.4	-2.9	-8.6	-1.1	-0.3
BAAQMD Threshold (tpy)	**10**	**10**	**N/A**	**15**	**10**
Exceed Threshold?	No	No	No	No	No

[1] Construction emissions in tpy are included as a comparison to the Final EIR CalEEMod results shown in Table 2; there is no BAAQMD threshold for construction emissions in tpy.

[2] The existing on-site emissions estimate were calculated as part of the Final EIR.

[3] The net operational emissions were calculated by subtracting existing on-site emissions from modified project operational emissions; therefore, negative numbers indicate a decrease in emissions from existing conditions, and not negative air quality emissions.

ROG = reactive organic gases; NOx = nitrous oxides; CO = carbon monoxide; PM_{10} = particulate matter less than 10 microns in diameter; $PM_{2.5}$ = particulate matter less than 2.5 microns in diameter; lb/day = pounds per day; tpy = tons per year

Source: Appendix B

From a construction standpoint, exhaust from construction equipment would be similar to or reduced as compared to the original project due to the use of newer and more efficient equipment. The proposed building under the modified project would have one subterranean level and eight floors, as compared to three subterranean levels and 18 floors under the original project. Excavation for the subterranean levels would be reduced from approximately 36,000 cubic yards to 12,000 cubic yards (assuming 12,000 cubic yards per floor), lowering emissions from excavation itself and from export of material. Modeling in CalEEMod for the certified EIR assumed site preparation and grading would take 30 days, but removal of material to construct a subterranean level for the proposed project would require additional time, about 60 days, based on estimates from the applicant. Similarly, architectural coating would take longer than modeled in CalEEMod for the certified EIR and would require about 255 days, instead of 40 days, based on estimates from the applicant. Fugitive dust generated during construction would be similar to the amount estimated under the original project, considering that the project site is the same size. Given the decreased excavation and use of more efficient construction equipment, emissions from construction would be reduced compared to those analyzed under the original project, as shown in Table 3.

Operationally, the modified project would have 38 percent fewer units and thereby accommodate fewer residents. Fewer residents would lead to lower mobile emissions, which would be further lowered by the reduction in parking spaces and increase in bicycle parking. A reduction in parking spaces and increase in bicycle parking would encourage residents to use transit or active

transportation instead of driving. Additionally, vehicles have become more fuel efficient since certification of the Final EIR, due to altered fuel standards (such as stricter Corporate Average Fuel Economy standards) and increased market share of hybrid and electric vehicles. The building itself would be substantially smaller and thereby require less energy to operate than the original project. The original project would have adhered to 2013 CalGreen, while the modified project would be required to adhere to 2019 CalGreen, which requires more energy efficient building materials and appliances. Electricity delivered to the building constructed under the modified project would be through Pacific Gas & Electric (PG&E). The Energy Intensity Factor[2] of PG&E would be lower than 641.35 as was used on CalEEMod when analyzing the original project. The current PG&E Energy Intensity Factor is 203.98, which reflects PG&E's increased renewables procurement, pursuant to the California Public Utilities Commission Renewables Portfolio Standard. The reduction in residents, vehicle use, and building size, coupled with increased vehicle, building, and grid efficiency would reduce emissions as compared to those analyzed under the original project, as shown in Table 3.

The modified project does not include new facilities that would emit substantial quantities of TACs or odors not identified in the previous EIR. The prior analysis conducted in the Final EIR remains adequate and no new impacts would occur because of changes to the original project. The modified project would not introduce any new or substantially more severe significant impacts related to air quality and would be consistent with the impact analysis provided in the Final EIR.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur to air quality, and no new mitigation measures are necessary.

Conclusion

Impacts would be less than significant, similar to the original project.

4.3 Cultural Resources

Impacts Identified in the 2015 Final EIR and Attached IEC

As discussed under Impact CR-1 in Section 4.1.2(b), *Cultural Resources*, of the Final EIR, the original project would involve demolition of the 1959 Hink's Building and the 1926 addition to the Shattuck Hotel, partial removal of the 1913 addition to the Hotel, and remodeling of existing retail spaces at the northwest corner of Kittredge Street and Shattuck Avenue. The 1959 Hinks Building was determined not to be historically significant; therefore, its demolition would not be a significant historic resource impact. The Shattuck Hotel is a local landmark; therefore, its alteration would result in a significant historic resource impact. Mitigation measures CR-1(a) through CR-1(d) would require documentation, salvage, and onsite interpretation of the Shattuck Hotel, as well as contribution to the Historic Preservation Fund. Impacts would remain significant and unavoidable.

Impact CR-2 of the Final EIR states that the original project included design elements intended to enhance the compatibility with nearby historic resources, despite the difference in height between the proposed building and existing buildings. However, the original project was not entirely consistent with the Downtown Berkeley Design Guidelines and did not meet the Secretary of the

[2] The Energy Intensity Factor measures how much energy is consumed in the production and distribution process. A lower Energy Intensity Factor indicates that the production and distribution of energy is more efficient.

Interior's Standards and impacts would be potentially significant. Mitigation measures CR-2(a) through CR-2 (c) required final design revisions to reduce impacts to a less-than-significant level.

Impact CR-3 of the Final EIR describes the original project's obstruction of views of the San Francisco Bay from the UC Berkeley Campanile. However, the original project would not entirely block the existing view, and given the changes in Berkeley's skyline with increased development and landscape growth, the original project would not result in a substantial adverse change and impacts would be less than significant.

Impact CR-4 of the Final EIR states that construction of the original project could produce ground vibration or soil movement at the foundation of nearby historic resources, which could affect those resources' structural stability. Mitigation measures CR-4(a) through CR-4(c) required a foundations investigation, construction monitoring, and a worker training program. These measures would be sufficient to reduce impacts to less-than-significant levels.

As discussed under Section V (b-d), *Cultural Resources*, of the 2015 IEC, no archaeological or paleontological resources are known to exist in the project area. However, excavation related to the proposed basement could uncover previously unknown archaeological resources, paleontological resources, or human remains. DAP EIR mitigation measures CUL-3 through CUL-5 would apply to the original project and reduce impacts to less-than-significant levels.

Impacts of the Modified Project

The modified project would not involve additional demolition, alteration or removal of existing structures beyond what was proposed for the original project. The program of demolition and partial demolition would remain the same as for the original project. Therefore, impacts relating to demolition of historic structure would not be greater than those identified in the Final EIR. Mitigation measures CR-1(a) through CR-1(d) would still be required, and impacts would remain significant and unavoidable.

The analysis contained in the Cultural Resources Memorandum for the modified project, included as Appendix C to this addendum, concludes that the modified project includes changes to the original project that respond to the design-related mitigation measures included in the certified Final EIR to address impacts to the Shattuck Hotel and the setting of historic landmarks adjacent to the project. The modified project would be visually and physically separate from the Shattuck Hotel. The modified design has been substantially updated from the original design and Mitigation Measure CR-2(a), which required a modified design along Allston Way, no longer applies. The proposed projection above the street level entry would align with the cornice of the neighboring 1912 portion of the existing Shattuck Hotel but does not include a cornice element or belt course as directed in Mitigation Measure CR-2 (a). Nonetheless, the revised streetscape design further reinforces the harmony in scale between the proposed new building and the Shattuck Hotel and is more successful in meeting the Downtown Berkeley Design Guidelines.

In response to Mitigation Measure CR-2(b) in the Final EIR, the modified project design significantly reduces both the length and height the "hyphen" that separates the Shattuck Hotel from the proposed new construction, thereby avoiding a large blank wall surface. In lieu of a prominent two-story blank wall, the modified project design will include a double-volume, one-story hyphen with a stucco exterior finish. The hyphen would be slightly recessed from the elevation of the existing Shattuck Hotel and the adjoining proposed new construction. The recessed entry would include a paired metal door to provide access to an egress and service corridor for the retail spaces within the Shattuck Hotel and continue toward the Allston Way elevation, providing alley access beyond. The

hyphen would separate the Shattuck Hotel from the new construction and reduce the extent of direct contact between the new construction and the adjacent hotel and would effectively distinguish the new construction from the historic building. The modified project design is consistent with the Downtown Berkeley Design Guidelines as it avoids a large blank wall surface and includes a perforation, provided in its paired entry door. Its proposed recessed entry further articulates the elevation in a way that maintains the active street frontage of the Shattuck Avenue Commercial Corridor. Therefore, Mitigation Measure CR-2 (b) is no longer applicable.

The revised modified project design, as suggested in Mitigation Measure CR-2 (c), has removed the large-scale use of glazed aluminum window systems and Mitigation Measure CR-2 (c) no longer applies. The proposed modified project design uses a variety of sash windows and largely mimics the rhythm of load-bearing walls and frames of the Downtown's historic buildings. The storefront systems have also been updated to reflect the fenestration of the historic street-level using structural bays and enframed storefronts along Kittredge Street. The use of punched openings in favor of curtain wall glazing in the proposed new design reduces the number of windows on upper floors and would be generally consistent with the Downton Berkeley Design Guidelines. The proposed new window design does not use light shelves, as proposed in the Design Guidelines, but does use a variety of window sizes, shapes, and configurations to successfully articulate the rhythm, scale, and reveal of traditional buildings. The modified project design includes many new design elements which have reduced potentially significant impacts; as such, Mitigation Measures CR-2(a) through CR-2(c) are no longer required.

The height of the modified project would be substantially decreased compared to the original project; therefore, potential impacts to scenic vistas from the UC Berkeley campus would be reduced and eliminated and would continue to be less than significant, similar to the original project.

Construction techniques utilized by the modified project would be the similar to those described for the original project, including foundation work that could cause vibration impacts, despite the removal of the originally proposed second and third basement level. Mitigation measures CR-4(a) through CR-4(c) would remain applicable to the project and would reduce potential vibration impacts on historic structures to a less-than-significant level, similar to the original project.

While there would be less excavation under the modified project because the second and third basement level are no longer proposed, the potential for construction to reveal previously unknown archaeological resources, paleontological resources, or human remains still exists. DAP EIR mitigation measures CUL-3 through CUL-5 would continue to apply to the modified project and would reduce impacts to less-than-significant levels, similar to the original project.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur to cultural resources, and no new mitigation measures are necessary. Design modifications include a reduction in building height, design strategies to break up massing with varied rooflines and materials, and the projection of the second floor level above the double-height street level, aligning with the cornice of the 1912 portion of the Shattuck Hotel; these design modifications have responded to the design measures adopted under Mitigation Measure CR-2(a) of the Final EIR, and this measure no longer applies as the modified project avoids impacts to the Allston Way elevation. The redesign of the Kittredge Street "hyphen" in the modified project has responded to Mitigation Measure CR-2(b) in the Final EIR, and this measure is no longer applicable to the modified Kittredge Street elevation. Similarly, the removal of the large-scale use of aluminum glazing systems in the modified design responded to

Mitigation Measure CR-2 (c) in the Final EIR and it no longer applies. All other measures adopted in the Final EIR for the purposes of mitigating cultural resources impacts remain applicable.

Conclusion

Similar to the original project, cultural resources impacts would be less than significant with mitigation, with the exception of impacts related to demolition and alteration of historic buildings, which would remain significant and unavoidable.

4.4 Greenhouse Gas Emissions

Impacts Identified in the 2015 Final EIR and Attached IEC

As discussed under Section VII (a), *Greenhouse Gas Emissions*, of the 2015 IEC, construction greenhouse gas (GHG) emissions were estimated at 1,064 metric tons (MT) of carbon dioxide equivalent (CO_2e) in total, and 21.3 MT CO_2e per year amortized over a 50-year period. Operational GHG emissions were estimated at 2,352 MT CO_2e per year, which includes the amortized construction GHG emissions estimate. The existing development was estimated to emit 1,729.3 MT CO_2e per year; therefore, the net increase in GHG emissions is approximately 637 MT CO_2e per year, which is below the BAAQMD threshold of 1,100 MT CO_2e per year. This impact was determined to be less than significant.

Section VII(b) of the 2015 IEC states the original project would comply with City policies and regulations regarding energy use and efficiency. The original project is also consistent with the zoning and land use designations, thus indicating it is represented in the growth assumptions of the General Plan and CAP. The original project included project design features such as providing AC Transit passes to residents and employees, bicycle parking spaces, a roof solar system, LEED Gold attainment, Transportation Demand Management features, landscaping and water conservation techniques, electric vehicle charging stations, and car share parking, in compliance with CAP and General Plan implementation strategies. Impacts were determined to be less than significant.

Impacts of the Modified Project

Since the Final EIR, the BAAQMD threshold of 1,100 MT CO_2e per year has not been changed. However, the 1,100 MT CO_2e annual threshold is based on achieving the state goal of meeting 1990 emissions by 2020. Since the project would be buildout subsequent to 2020, the 2030 goal of 40 percent below 1990 levels is more appropriate. Using the 1,000 MT CO_2e threshold as a baseline would result in a 2030 goal of 660 MT CO_2e per year threshold. Given the altered factors discussed under Section 4.2, *Air Quality*, GHG emissions from the modified project would be lower than the original project. Since the original project's emissions (637 MT CO_2e annually) would be below 2030 BAAQMD's threshold, the emissions of the modified project would be below the threshold, too.

In addition, the modified project maintains and improves upon, in compliance with the most recent CalGreen requirements, design features that were a part of the original project, including providing AC Transit passes, bicycle parking, rooftop solar, low energy use appliances and lighting, Transportation Demand Management features, landscaping and water conservation techniques, and electric vehicle charging, which demonstrate the modified project's compliance with CAP and General Plan goals, policies, and implementation strategies. Impacts would be less than significant.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur to GHG emissions, and no new mitigation measures are necessary.

Conclusion

Impacts would be less than significant, similar to the original project.

4.5 Noise

Impacts Identified in the 2015 Final EIR and Attached IEC

As discussed under Section XII (a, c), *Noise*, of the 2015 IEC, the original project would increase long-term operational noise, including traffic noise on area roadways, and would be consistent with the requirement in DAP Mitigation Measure NOI-1 that specified shared residential outdoor areas be located behind buildings or in courtyards, and terraces be oriented to alleyways rather than streets whenever possible. The original project would not include substantial loading or unloading activities; therefore, commercial and mechanical operational noise would be similar to that discussed in the DAP EIR, and impacts would be less than significant. While traffic would incrementally increase, the intensification of traffic noise was determined to be imperceptible and lower than anticipated in the DAP EIR. Impacts were determined to be less than significant.

Section XII (b, d) of the 2015 IEC states that intermittent high-noise levels and vibration could occur because of the original project, such as pile driving for construction of the underground parking garage, and work associated with excavation and foundations. DAP EIR Mitigation Measure NOI-6, requiring contingency planning for vibration-causing construction activities, would apply to the original project. Construction noise levels were estimated to be up to 94 dBA at 25 feet from the project site boundary. Mitigation Measure NOI-5 from the DAP EIR requires construction noise control measures be implemented, but construction noise impacts would remain significant. Restrictions in construction hours pursuant to the Berkeley Community Noise Ordinance would ensure vibration impacts on residential receptors are less than significant.

Section XII (e, f) of the 2015 IEC states the project site is not near or within an airport land use plan, public airport, or private airstrip, and no impact would occur.

Impacts of the Modified Project

As described in Section 4.6, *Transportation* and Appendix D, the modified project would result in a total of 392 daily trips, 1,965 fewer total trips, 60 fewer AM Peak Hour trips, and 126 fewer PM peak Hour trips compared to the original project. Similar to the Final EIR, project-added vehicle trips would not increase existing traffic beyond 40 percent, which less than doubles traffic on area roadways. Doubling of traffic noise would result in a 3-dBA increase in noise, which is the threshold of perceptibility. Therefore, the modified project would not result in a perceptible increase in traffic noise, and the noise increase from new trips would not result in a significant increase in traffic noise, similar to the original project. Overall, the modified project would reduce traffic noise as compared to the original project, due to fewer total trips.

Construction techniques utilized by the modified project would be similar as described for the original project, including foundation work that could cause vibration impacts, despite the reduction in the number of subterranean parking levels. The conclusions in the Final EIR regarding vibration

impacts are similar but reduced, which were determined to remain significant despite implementation of DAP EIR Mitigation Measure NOI-5. Restrictions in construction hours pursuant to the Berkeley Community Noise Ordinance would ensure vibration impacts on residential receptors are less than significant, as with the original project.

The project site remains outside the vicinity of an airport land use plan, public airport, or private airstrip, and no impact would occur, same as for the original project.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur related to noise, and no new or revised mitigation measures are necessary. Mitigation Measures NOI-5 from the DAP EIR would continue to apply to the modified project. Operational impacts would remain less than significant and would not require mitigation.

Conclusion

Impacts during construction would be significant and unavoidable with mitigation, and impacts during operation would be less than significant, similar to the original project.

4.6 Transportation

Impacts Identified in the 2015 Final EIR and Attached IEC

As discussed under Impact T-1 of Section 4.2.2 (b), *Transportation/Traffic*, of the Final EIR, the original project would increase existing traffic levels, but intersections would operate at acceptable levels of service (LOS C or better), and impacts would be less than significant.

Impact T-2 of the Final EIR states that only one intersection (Shattuck Avenue and Durant Avenue) would exceed the acceptable LOS under the Year 2035 scenario, and mitigation requiring a northbound dedicated right-turn pocket would reduce this impact to less than significant.

Impact T-3 of the Final EIR states that impacts related to the Congestion Management Program network would be less than significant, because the original project would not generate enough trips to meet the 100-vehicle threshold for the PM Peak Hour.

As discussed under Section XVI (c), *Transportation/Traffic*, of the 2015 IEC, the original project would not alter air traffic patterns, and no impact would occur.

Section XVI (d) of the 2015 IEC states that roadway network changes would not incorporate hazardous design features that would result in transportation hazards, would install a speed table to calm traffic, and provides adequate sight distance at the project driveway. Impacts would be less than significant.

Section XVI (e) of the 2015 IEC states that the original project includes limited offsite public improvements but would not modify any existing roadway or emergency access route that would result in inadequate emergency access. Impacts would be less than significant.

Section XVI (f) of the 2015 IEC states that the original project had adequate pedestrian access, included offsite streetscape and mobility improvements for bicycle and pedestrian accommodation, and was located near AC Transit and UC Berkeley shuttle bus stops in addition to the Downtown Berkeley BART Station. These features are consistent with adopted policies, plans, and programs regarding alternative modes of transportation, and impacts would be less than significant.

Impacts of the Modified Project

A Traffic Impact Report was prepared for the modified project in December 2021 by Abrams Associates (Appendix D)[3], and described the effects of project changes on the traffic impact conclusions described in the previous 2014 Traffic and Parking Study (2014 Study). The revised trip generation of the modified project is provided in Table 4.

Table 4 Project Adjusted Trip Generation

	Daily	Total AM Peak Hour	Total PM Peak Hour
Original Project Trip Generation	2,357	96	164
Modified Project Trip Generation	392	36	38
Change in Trips	**-1,965**	**-60**	**-126**

Source: Appendix D

The Traffic Impact Report concludes that the trips generated by the modified project and project design would have no significant impacts according to the City's significance criteria, similar to the original project. The Traffic Impact Report also concluded the modified project would result in a less-than-significant impact in vehicle miles traveled in the area, which was a threshold that was not considered in the analysis of the original project (Appendix D) and is the current metric for assessing transportation impacts pursuant to CEQA.

As described in Section 4.1, *Changes in Environmental Setting*, the Shattuck Avenue Reconfiguration and Pedestrian Safety Project has been completed; these planned improvements were taken into account during analysis of the original project, but the reconfiguration plans were refined since that analysis. Most of the effects of the Shattuck Avenue Reconfiguration and Pedestrian Safety Project occur at intersections north of Center Street (e.g., Addison Street and University Avenue), which were not included in the traffic analysis due to the low potential for project-related impacts. Therefore, this change would not change the level of significance of the identified impacts, and the conclusions of the Final EIR remain accurate, and no new or substantially more severe impacts would occur because of the modified project.

As shown in Table 4, the modified project would not meet the 100-trip threshold for Congestion Management Program network impacts, and impacts would remain less than significant. The modified project would not alter air traffic patterns, incorporate hazardous design features, or modify roadway or emergency access routes. Impacts would remain less than significant. The bicycle and pedestrian access to the site would not be altered from the original project; therefore, impacts would remain less than significant, and no new or previously unidentified impacts would occur because of the modified project.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur to transportation and circulation, and no new or revised mitigation measures are necessary.

[3] The Traffic Impact Report is based on a previous site plan that included 191 units, no retail use, and the same amount of parking spaces. The reduction in units to 188 and addition of about 3,600 square feet of retail use would not change the conclusions of the Traffic Impact Report.

Conclusion

There would be no impact, or impacts would be less than significant, similar to the original project.

4.7 Utilities and Service Systems

Impacts Identified in the 2015 Final EIR and Attached IEC

As discussed under Section XVII (a-g), *Utilities and Service Systems*, of the 2015 IEC, the original project was within the projected buildout of the DAP, and included water use reductions from LEED Gold attainment, drought-tolerant landscaping, captured rainwater for irrigation, water-efficient fixtures, and other measures. Impacts would be less than significant.

The original project included a new sanitary sewer line leading to an existing line in Allston Way. The existing conveyance system had adequate capacity to serve the original project, and water conservation measures would reduce wastewater generation at the project site. Impacts would be less than significant.

The original project would not increase impervious surfaces on the site, as the site is already fully developed hardscape. The original project included stormwater runoff features that would reduce runoff volumes and improve water quality; impacts would be less than significant.

Street and sidewalk damage during construction would be repaired or replaced at the property owner's expense. Physical impacts to streets and sidewalks would be less than significant.

The original project was within the DAP EIR assumptions; therefore, project utilities demand was considered in the DAP EIR. Compliance with existing requirements and implementation of green building strategies would reduce gas, electricity, and telecommunications utility demands. Impacts would be less than significant.

The Vasco Road Landfill has sufficient capacity to accept solid waste from the project site. The original project would divert solid waste through its LEED certification, which includes a recycling collection area. Impacts would be less than significant.

Impacts of the Modified Project

Similar to the original project, the modified project would include installation of low energy-use appliances and lighting, and incorporate drought-tolerant landscaping, rainwater capture for irrigation, water-efficient features, and other water-use-reducing (and thus wastewater generation-reducing) features. The modified project would also incorporate a low-flow planter filtration system, which was not included as part of the original project. The modified project also redesigned the façade solar fins with a rooftop solar system with capacity in adherence to 2019 CalGreen, decreasing the net electricity demand of the modified project.

The modified project would reduce the number of residential units and remove the cinema use, which would result in reduced water demand, wastewater generation, gas demand, electricity demand, telecommunication demand, and solid waste generation than that assumed in the Final EIR. Additionally, stormwater runoff would not substantially change, as the proposed building footprint would be the same as the original project. The proposed low-flow planter system and rainwater capture would reduce stormwater runoff compared to the original project by collecting stormwater onsite. Impacts would be less than significant.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur to utilities and service systems, and no new mitigation measures are necessary.

Conclusion

Impacts would be less than significant, similar to the original project.

4.8 Other Impacts

As the reduced scope and scale of the modified project would decrease the depth and amount of excavation necessary (due to the elimination of the second and third basement level) while maintaining the original project's footprint and general shape, the following topics require only a brief discussion to compare impacts and assess whether new or increased significant impacts would occur. The previously identified impacts from the original project are described below, with analysis based on the modified project following.

Aesthetics

Final EIR Impact Summary: Section I, *Aesthetics*, of the 2015 IEC found that the original project would obstruct a scenic vista of Alcatraz Island from the UC Berkeley Campanile, but pursuant to state law (Senate Bill 743), this impact cannot be considered significant. The 2015 IEC also determined the original project generally falls in the scale and intensity assumed in the DAP EIR, and impacts to aesthetics would be less than significant.

Impacts of the Modified Project: The building under the modified project would not substantially differ in shape or location compared to the original project. However, the building would be 93 feet shorter, and therefore impacts associated with views through the site would be decreased. Similarly, the modified project would not introduce sources of light, shadow, or glare not analyzed previously. Therefore, no significant new aesthetics impacts or substantially increased aesthetics impacts would occur compared to the original project.

Agriculture and Forestry

Final EIR Impact Summary: Section II, *Agricultural and Forest Resources*, of the 2015 IEC found no impacts to agricultural and forest resources, the same as determined in the DAP EIR.

Impacts of the Modified Project: The project site remains in an urban, developed area, with no designated agricultural land or forest land on or adjacent to the site. Therefore, no significant new agriculture and forestry impacts or substantially increased agriculture and forestry impacts would occur compared to the original project.

Biological Resources

Final EIR Impact Summary: Section IV, *Biological Resources*, of the 2015 IEC found that the original project would have less-than-significant impacts on biological resources, the same as determined in the DAP EIR.

Impacts of the Modified Project: The project site is the same for the modified project as for the original project. The site does not contain riparian areas, wetlands, or other habitat suitable for

special-status species. No significant new biological resource impacts or substantially increased biological resource impacts would occur compared to the original project.

Energy

Final EIR Impact Summary: This topic was not discussed in the Final EIR, but it was subsequently added to the *CEQA Guidelines* checklist.

Impacts of the Modified Project: The modified project includes energy-saving features, including solar energy generation, rainwater capture for landscape irrigation, a low-flow planter filtration system, compliance with 2019 CalGreen, drought-tolerant plants and materials, and Transportation Demand Management features. The modified project would reduce the intensity of development compared to the original project. Because the modified project would consume less energy than the original project due to fewer residential units, commercial space and parking, and because it would include energy-saving design features as discussed in the Project Description section, it would not involve the wasteful, inefficient, or unnecessary consumption of energy resources, similar to the original project.

Geology and Soils

Final EIR Impact Summary: Section VI, *Geology and Soils*, of the 2015 IEC found that the geologic setting had not changed since adoption of the DAP EIR, and impacts would be no greater than the less-than-significant impacts identified in the DAP EIR. Implementation of the project-specific geotechnical report's recommendations would reduce potential impacts to less-than-significant levels.

Impacts of the Modified Project: The modified project would be on the same site as the original project. The project site is outside of an Alquist-Priolo fault zone in an area not subject to liquefaction or landslides. A geotechnical report for the modified project was prepared by A3GEO in August 2021 and is included as Appendix E. The project site remains in an area of potential seismic shaking, and the project design includes seismic reinforcement of the proposed building with reinforced concrete on the lower portion of the building (including the subterranean level) and conventional lightweight framing on the upper portion of the building. The geotechnical report found that the project design is feasible and appropriate from a geotechnical standpoint, provided that recommendations in the report regarding seismic considerations, foundation support, undocumented fill, expansive soil, and groundwater are implemented (Appendix E). No significant new geology and soils impacts or substantially increased geology and soils impacts would occur because of implementation of the modified project.

Hazards and Hazardous Materials

Final EIR Impact Summary: Section VIII, *Hazards and Hazardous Materials*, of the 2015 IEC found that with existing regulations and normal standards of use, the original project would have no impacts greater than the less-than-significant impacts identified in the DAP EIR.

Impacts of the Modified Project: The modified project would utilize hazardous materials as described in the 2015 IEC for the original project and would continue to be subject to existing regulations and normal standards of use. The project site setting regarding proximity to schools,

airports, and hazardous waste sites[4] has not changed since publication of the Final EIR. Therefore, no significant new hazardous materials impacts or substantially increased hazardous materials impacts would occur compared to the original project.

Hydrology and Water Quality

Final EIR Impact Summary: Section IX, *Hydrology and Water Quality*, of the 2015 IEC found that with existing regulations and normal standards of use, the original project would have no impacts greater than the less-than-significant impacts identified in the DAP EIR.

Impacts of the Modified Project: The modified project would continue to require coverage under the City's NPDES Permit. The reduction in the number of basement parking levels would reduce potential impacts related to the high-groundwater table. The modified project would have the same impacts related to groundwater recharge and impervious surfaces, as the footprint of the building would not substantially change. The project site remains outside a 100-year flood zone and not near water bodies that could tsunami or seiche or near an area that could mudflow. Therefore, no significant new hydrology or water quality impacts or substantially increased hydrology or water quality impacts would occur compared to the original project.

Land Use and Planning

Final EIR Impact Summary: Section X, *Land Use and Planning*, of the 2015 IEC found that the original project would have no impact, as identified in the DAP EIR, on dividing an established community or regarding Habitat Conservation Plans or Natural Community Conservation Plans. Impacts related to wind were determined to be less than significant, as a project-specific wind study was performed pursuant to the DAP EIR requirements. Impacts related to consistency with applicable General Plan and DAP policies related to preservation and protection of cultural resources were determined to be potentially significant. Impacts related to cultural resources were discussed in Section 4.1, *Cultural Resources* of the Final EIR and are summarized in Section 4.3, *Cultural Resources*, in this Addendum. Additionally, the original project was found to be inconsistent with General Plan Policy UD-31, regarding views, but as discussed in Section I, *Aesthetics*, of the 2015 IEC, aesthetics impacts of a mixed-use project on an infill site in a transit priority area may not be considered to have a significant aesthetic impacts pursuant to California law.

Impacts of the Modified Project: The modified project would not modify the proposed land uses of the original project and would include façade refinements to be more consistent with the historic character of the Civic Center Historic District, which would increase the overall project consistency with General Plan and DAP policies compared to the original project. Please refer to Section 4.3, *Cultural Resources*, for a discussion of potential impacts to cultural and historic resources. Therefore, no significant new land use and planning impacts or substantially increased land use and planning impacts would occur compared to the original project.

Mineral Resources

Final EIR Impact Summary: Section XI, *Mineral Resources*, of the 2015 IEC found that the original project would have no impact, as identified in the DAP EIR.

[4] The following databases were checked for new hazardous waste sites in April 2022: State Water Resources Control Board's Geotracker, Department of Toxic Substances Control's EnviroStor and Cortese List, and United States Environmental Protection Agency's Envirofacts.

Impacts of the Modified Project: The project site remains in an urbanized area without known mineral resources of value. Therefore, no significant new mineral resource impacts or substantially increased mineral resource impacts would occur compared to the original project.

Population and Housing

Final EIR Impact Summary: Section XIII, *Population and Housing*, of the 2015 IEC found that the original project would have a less-than-significant impact and would be within the impacts identified in the DAP EIR.

Impacts of the Modified Project: The project would directly increase population by developing residential units, but the total number of units would be decreased compared to the original project. Therefore, no significant new population and housing impacts or substantially increased population and housing impacts would occur compared to the original project.

Public Services

Final EIR Impact Summary: Section XIV, *Public Services*, of the 2015 IEC found that the original project would have a less-than-significant impact, the same as identified in the DAP EIR.

Impacts of the Modified Project: The project would directly increase population by developing residential units, but the total number of units would be decreased compared to the original project. Therefore, no significant new public services impacts or substantially increased public services impacts from a population increase above the original project would occur.

Recreation

Final EIR Impact Summary: Section XV, *Recreation*, of the 2015 IEC found that the original project would have no impact on recreational facilities, the same as identified in the DAP EIR.

Impacts of the Modified Project: The project would directly increase population by developing residential units, but the total number of units would be decreased compared to the original project. Therefore, no significant new recreation impacts or substantially increased recreation impacts from a population increase above the original project would occur.

Tribal Cultural Resources

Final EIR Impact Summary: This topic was not discussed in the Final EIR but was subsequently added to the *CEQA Guidelines* checklist.

Impacts of the Modified Project: As the Notice of Preparation for the EIR for the original project was published before July 1, 2015, AB 52 consultation was not required. Addenda do not require AB 52 consultation. No cultural resources of Native American origin were identified onsite, and Section V, *Cultural Resources*, of the 2015 IEC analyzes the potential for possible disturbance of previously unidentified resources and includes mitigation to reduce these impacts to a less-than-significant level. Mitigation Measures CUL-3 and CUL-5 address impacts to cultural resources, including those of Native American origin. If cultural resources of Native American origin are identified, relevant portions of AB 52 would apply.

Wildfire

Final EIR Impact Summary: Section VIII, *Hazards and Hazardous Materials*, of the 2015 IEC found that the original project would have no impacts greater than the less-than-significant impacts identified in the DAP EIR.

Impacts of the Modified Project: The nearest Very High Fire Hazard Severity Zone is located approximately 0.75 mile from the project site (California Department of Forestry and Fire Protection 2007). Although the site is near a Very High Fire Hazard Severity Zone, the immediate surrounding area is developed with urban land uses and is generally flat and not sloped. The modified project would not cause significant effects related to wildfire and would not impede the implementation of an emergency response or evacuation plan.

Effects and Mitigation Measures

No new or substantially more severe significant effects would occur related to aesthetics, agriculture and forestry, biological resources, energy, geology and soils, hazards and hazardous materials, hydrology and water quality, land use and planning, mineral resources, population and housing, public services, recreation, tribal cultural resources, and wildfire. No new mitigation measures are necessary.

Conclusion

Impacts would be less than significant with mitigation, similar to the original project.

5 Conclusion

As discussed in detail in the preceding sections, potential impacts associated with the modified project are consistent with potential impacts characterized and mitigated for in the Final EIR. Substantive revisions to the Final EIR are not necessary because no new significant impacts or significant impacts of substantially greater severity than previously described would occur because of the modified project. Although this addendum includes an analysis of energy, tribal cultural resources, and wildfire, which were not included in the Final EIR, no significant impacts were found to occur. Thus, the conditions outlined in *CEQA Guidelines* Section 15162(3)(A) and (D) requiring preparation of a subsequent EIR would not be met.

Based on the analysis contained herein, the following determinations are applicable:

- No further evaluation of environmental impacts is required for the modified project.
- No subsequent EIR is necessary pursuant to *CEQA Guidelines* Section 15162.
- This addendum is the appropriate level of environmental analysis and documentation for the modified project pursuant to *CEQA Guidelines* Section 15164.

Pursuant to *CEQA Guidelines* Section 15164(c), this addendum will be included in the public record for the Final EIR. Documents related to this addendum will be available at the City of Berkeley Planning & Development Department, located at 1947 Center Street in Berkeley, California 94704.

6 References and Preparers

References

Berkeley, City of. 2012a. Downtown Area Plan. Berkeley, California.

_____. 2012b. Downtown Berkeley Design Guidelines. Berkeley, California.

California Department of Forestry and Fire Protection. 2007. FHSZ Viewer. https://egis.fire.ca.gov/FHSZ/ (accessed March 2022).

List of Preparers

Rincon prepared this addendum under contract to the City of Berkeley. Persons and firms involved in data gathering, analysis, project management, and quality control include:

Rincon Consultants, Inc.

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Allysen Valencia, GIS Specialist

Appendix A

Structural Feasibility Letter

October 22, 2021

Niles Bolton Associates
Attn: Mohamed Mohsen
3060 Peachtree Rd, NW
Atlanta, GA 30305

Re: Berkeley Plaza

Dear Mohamed:

We understand that the City of Berkeley requires a structural feasibility letter indicating that the existing to remain structures for the proposed Berkeley Plaza project have been reviewed for the proposed separation / demolition of adjacently built structures. This letter serves to indicate that DCI Engineers has in fact reviewed the proposed ramifications and believes the historic structures will not be materially impacted. The attached sketch shows the current adjacent buildings as viewed from along Kittredge street at the dividing property line along with the superimposed new building and how they will be separated.

The new building foundations will be separate and far enough away from the existing building foundations so as not to impact them. A small portion of the existing building will be demolished back from the property line so it can be restructured back to the property line with a new basement wall and foundation. A new façade will be installed on the interior of the site where one did not exist before to enclose the existing structure.

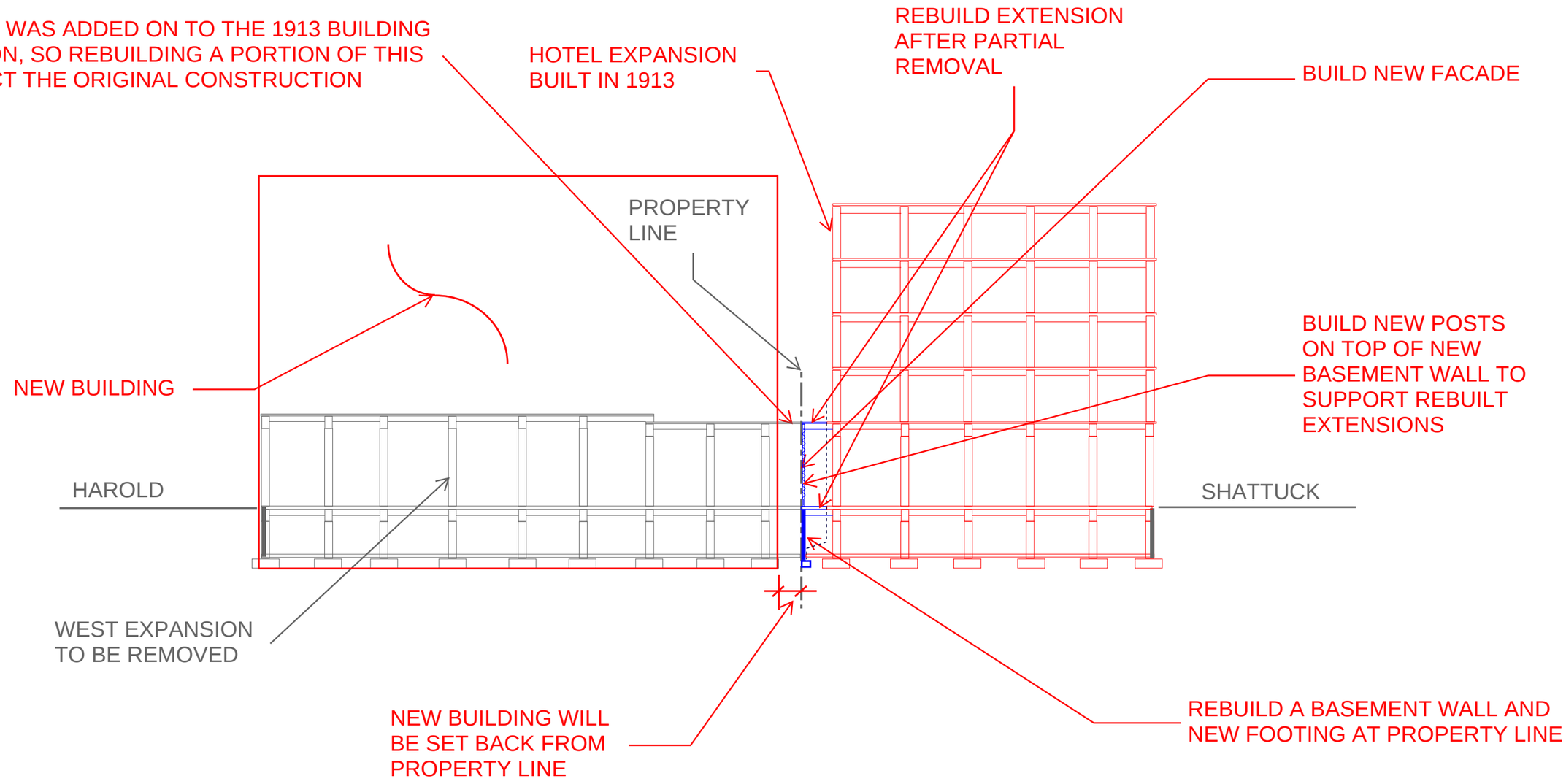
The new building will be set back above grade such that there is separation from the existing building and new building to preserve the character of the historic building.

We hope this helps clarify the intent of this new project. If there are any questions, please feel free to reach out to discuss.

Sincerely,
DCI Engineers

Scott D. Erickson PE, SE
Principal

DCI ENGINEERS



VIEW FROM KITTREDGE

Feasibility Study Sketch
DCI
10/22/21

Appendix B

California Emissions Estimator Model Results

2065 Kittredge Mixed-Use Project - Alameda County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2065 Kittredge Mixed-Use Project

Alameda County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	43.00	Space	0.39	17,200.00	0
Fast Food Restaurant w/o Drive Thru	1.60	1000sqft	0.04	1,600.00	0
Apartments Mid Rise	190.00	Dwelling Unit	5.00	149,301.00	543

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	63
Climate Zone	5			**Operational Year**	2025
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - square footage adjusted

Construction Phase - Applicant provided timeline

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Default

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Trips and VMT - Haul trips for excavation moved to grading phase. All defaults otherwise

2065 Kittredge Mixed-Use Project - Alameda County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Grading - 12,000 cubic yards for one subterranean level

Woodstoves - Woodstoves and fireplaces not allowed per BAAQMD Rules

Area Coating -

Energy Use - defaults

Mobile Commute Mitigation -

Energy Mitigation -

Demolition - square footage of existing building. All would be demolished

On-road Fugitive Dust -

Architectural Coating -

Vehicle Trips - Differ from traffic study, but land use mitigation accounts for some reductions in trip rate

Water And Wastewater - defaults

Solid Waste - defaults

Mobile Land Use Mitigation - 0.8 acre lot, 190 units

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	800	801
tblAreaCoating	Area_Nonresidential_Interior	2400	2402
tblAreaCoating	Area_Residential_Exterior	100778	128250
tblAreaCoating	Area_Residential_Interior	302335	384750
tblConstructionPhase	NumDays	20.00	60.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	230.00	375.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	255.00
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	28.50	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFireplaces	NumberNoFireplace	7.60	190.00
tblFireplaces	NumberWood	32.30	0.00
tblFleetMix	HHD	0.01	0.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.2110e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	2.4230e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	7.9000e-004	0.00
tblFleetMix	SBUS	3.4300e-004	0.00
tblFleetMix	UBUS	5.6000e-004	0.00
tblGrading	MaterialExported	0.00	12,000.00
tblLandUse	LandUseSquareFeet	190,000.00	149,301.00
tblWoodstoves	NumberCatalytic	3.80	0.00
tblWoodstoves	NumberNoncatalytic	3.80	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1249	1.2557	0.9078	1.8600e-003	0.3237	0.0594	0.3831	0.1462	0.0550	0.2012	0.0000	164.7707	164.7707	0.0437	2.2200e-003	166.5233
2023	0.2561	2.1857	2.5218	5.6500e-003	0.3199	0.0952	0.4150	0.1126	0.0893	0.2018	0.0000	505.5672	505.5672	0.0815	0.0174	512.7777
2024	0.5129	1.2831	1.7673	3.5900e-003	0.1074	0.0559	0.1633	0.0288	0.0526	0.0814	0.0000	318.7580	318.7580	0.0534	6.8200e-003	322.1245
2025	0.7331	0.1015	0.2032	4.1000e-004	0.0196	4.5000e-003	0.0241	5.2200e-003	4.4900e-003	9.7000e-003	0.0000	36.5444	36.5444	1.5700e-003	3.7000e-004	36.6953
Maximum	**0.7331**	**2.1857**	**2.5218**	**5.6500e-003**	**0.3237**	**0.0952**	**0.4150**	**0.1462**	**0.0893**	**0.2018**	**0.0000**	**505.5672**	**505.5672**	**0.0815**	**0.0174**	**512.7777**

2065 Kittredge Mixed-Use Project - Alameda County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2022	0.1249	1.2557	0.9078	1.8600e-003	0.3237	0.0594	0.3831	0.1462	0.0550	0.2012	0.0000	164.7705	164.7705	0.0437	2.2200e-003	166.5231
2023	0.2561	2.1857	2.5217	5.6500e-003	0.3199	0.0952	0.4150	0.1126	0.0893	0.2018	0.0000	505.5668	505.5668	0.0815	0.0174	512.7774
2024	0.5129	1.2831	1.7673	3.5900e-003	0.1074	0.0559	0.1633	0.0288	0.0526	0.0814	0.0000	318.7578	318.7578	0.0534	6.8200e-003	322.1243
2025	0.7331	0.1015	0.2032	4.1000e-004	0.0196	4.5000e-003	0.0241	5.2200e-003	4.4900e-003	9.7000e-003	0.0000	36.5443	36.5443	1.5700e-003	3.7000e-004	36.6952
Maximum	**0.7331**	**2.1857**	**2.5217**	**5.6500e-003**	**0.3237**	**0.0952**	**0.4150**	**0.1462**	**0.0893**	**0.2018**	**0.0000**	**505.5668**	**505.5668**	**0.0815**	**0.0174**	**512.7774**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	9-1-2022	11-30-2022	0.9810	0.9810
2	12-1-2022	2-28-2023	0.9256	0.9256
3	3-1-2023	5-31-2023	0.5791	0.5791
4	6-1-2023	8-31-2023	0.5778	0.5778
5	9-1-2023	11-30-2023	0.5741	0.5741
6	12-1-2023	2-29-2024	0.5519	0.5519
7	3-1-2024	5-31-2024	0.5432	0.5432
8	6-1-2024	8-31-2024	0.4616	0.4616

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

9	**9-1-2024**	**11-30-2024**	0.3215	0.3215
10	**12-1-2024**	**2-28-2025**	0.3151	0.3151
11	**3-1-2025**	**5-31-2025**	0.3208	0.3208
12	**6-1-2025**	**8-31-2025**	0.3068	0.3068
		Highest	0.9810	0.9810

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7678	0.0162	1.4098	7.0000e-005		7.8200e-003	7.8200e-003		7.8200e-003	7.8200e-003	0.0000	2.3053	2.3053	2.2100e-003	0.0000	2.3605
Energy	0.0101	0.0871	0.0425	5.5000e-004		6.9700e-003	6.9700e-003		6.9700e-003	6.9700e-003	0.0000	181.1329	181.1329	0.0151	3.4200e-003	182.5298
Mobile	0.3827	0.4780	3.5590	7.7100e-003	1.1786	5.8100e-003	1.1844	0.3075	5.4200e-003	0.3129	0.0000	729.7823	729.7823	0.0452	0.0373	742.0334
Waste						0.0000	0.0000		0.0000	0.0000	21.4825	0.0000	21.4825	1.2696	0.0000	53.2221
Water						0.0000	0.0000		0.0000	0.0000	4.0815	8.9781	13.0596	0.4207	0.0101	26.5781
Total	**1.1605**	**0.5813**	**5.0114**	**8.3300e-003**	**1.1786**	**0.0206**	**1.1992**	**0.3075**	**0.0202**	**0.3277**	**25.5640**	**922.1986**	**947.7625**	**1.7527**	**0.0508**	**1,006.7239**

2065 Kittredge Mixed-Use Project - Alameda County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.7678	0.0162	1.4098	7.0000e-005		7.8200e-003	7.8200e-003		7.8200e-003	7.8200e-003	0.0000	2.3053	2.3053	2.2100e-003	0.0000	2.3605
Energy	0.0101	0.0871	0.0425	5.5000e-004		6.9700e-003	6.9700e-003		6.9700e-003	6.9700e-003	0.0000	181.1329	181.1329	0.0151	3.4200e-003	182.5298
Mobile	0.2770	0.2580	1.9278	3.0000e-003	0.4326	2.5600e-003	0.4352	0.1129	2.3800e-003	0.1152	0.0000	283.7236	283.7236	0.0287	0.0198	290.3287
Waste						0.0000	0.0000		0.0000	0.0000	10.7413	0.0000	10.7413	0.6348	0.0000	26.6110
Water						0.0000	0.0000		0.0000	0.0000	4.0815	8.3438	12.4252	0.4206	0.0101	25.9375
Total	**1.0549**	**0.3613**	**3.3802**	**3.6200e-003**	**0.4326**	**0.0174**	**0.4500**	**0.1129**	**0.0172**	**0.1300**	**14.8227**	**475.5055**	**490.3282**	**1.1013**	**0.0332**	**527.7675**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**9.10**	**37.84**	**32.55**	**56.54**	**63.29**	**15.78**	**62.48**	**63.29**	**15.04**	**60.32**	**42.02**	**48.44**	**48.26**	**37.17**	**34.58**	**47.58**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2022	11/23/2022	5	60	
2	Site Preparation	Site Preparation	11/24/2022	1/4/2023	5	30	
3	Grading	Grading	1/5/2023	2/15/2023	5	30	

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4	Building Construction	Building Construction	2/16/2023	7/24/2024	5	375	
5	Paving	Paving	7/25/2024	9/4/2024	5	30	
6	Architectural Coating	Architectural Coating	9/5/2024	8/27/2025	5	255	

Acres of Grading (Site Preparation Phase): 45

Acres of Grading (Grading Phase): 30

Acres of Paving: 0.39

Residential Indoor: 302,335; Residential Outdoor: 100,778; Non-Residential Indoor: 2,400; Non-Residential Outdoor: 800; Striped Parking Area: 1,032 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	432.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,500.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	145.00	23.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	29.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0468	0.0000	0.0468	7.0800e-003	0.0000	7.0800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0792	0.7716	0.6178	1.1600e-003		0.0373	0.0373		0.0347	0.0347	0.0000	101.9707	101.9707	0.0286	0.0000	102.6868
Total	**0.0792**	**0.7716**	**0.6178**	**1.1600e-003**	**0.0468**	**0.0373**	**0.0840**	**7.0800e-003**	**0.0347**	**0.0417**	**0.0000**	**101.9707**	**101.9707**	**0.0286**	**0.0000**	**102.6868**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.9000e-004	0.0361	7.4300e-003	1.4000e-004	3.6600e-003	3.3000e-004	3.9900e-003	1.0100e-003	3.2000e-004	1.3300e-003	0.0000	13.2242	13.2242	2.9000e-004	2.0900e-003	13.8538
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2700e-003	9.1000e-004	0.0108	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.6000e-004	0.0000	2.8783	2.8783	9.0000e-005	8.0000e-005	2.9056
Total	**2.2600e-003**	**0.0370**	**0.0183**	**1.7000e-004**	**7.2200e-003**	**3.5000e-004**	**7.5700e-003**	**1.9600e-003**	**3.4000e-004**	**2.2900e-003**	**0.0000**	**16.1025**	**16.1025**	**3.8000e-004**	**2.1700e-003**	**16.7594**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0468	0.0000	0.0468	7.0800e-003	0.0000	7.0800e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0792	0.7716	0.6178	1.1600e-003		0.0373	0.0373		0.0347	0.0347	0.0000	101.9706	101.9706	0.0286	0.0000	102.6866
Total	**0.0792**	**0.7716**	**0.6178**	**1.1600e-003**	**0.0468**	**0.0373**	**0.0840**	**7.0800e-003**	**0.0347**	**0.0417**	**0.0000**	**101.9706**	**101.9706**	**0.0286**	**0.0000**	**102.6866**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.9000e-004	0.0361	7.4300e-003	1.4000e-004	3.6600e-003	3.3000e-004	3.9900e-003	1.0100e-003	3.2000e-004	1.3300e-003	0.0000	13.2242	13.2242	2.9000e-004	2.0900e-003	13.8538
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2700e-003	9.1000e-004	0.0108	3.0000e-005	3.5600e-003	2.0000e-005	3.5800e-003	9.5000e-004	2.0000e-005	9.6000e-004	0.0000	2.8783	2.8783	9.0000e-005	8.0000e-005	2.9056
Total	**2.2600e-003**	**0.0370**	**0.0183**	**1.7000e-004**	**7.2200e-003**	**3.5000e-004**	**7.5700e-003**	**1.9600e-003**	**3.4000e-004**	**2.2900e-003**	**0.0000**	**16.1025**	**16.1025**	**3.8000e-004**	**2.1700e-003**	**16.7594**

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2678	0.0000	0.2678	0.1366	0.0000	0.1366	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0428	0.4466	0.2659	5.1000e-004		0.0218	0.0218		0.0200	0.0200	0.0000	45.1432	45.1432	0.0146	0.0000	45.5082
Total	**0.0428**	**0.4466**	**0.2659**	**5.1000e-004**	**0.2678**	**0.0218**	**0.2895**	**0.1366**	**0.0200**	**0.1567**	**0.0000**	**45.1432**	**45.1432**	**0.0146**	**0.0000**	**45.5082**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	4.9000e-004	5.8500e-003	2.0000e-005	1.9200e-003	1.0000e-005	1.9300e-003	5.1000e-004	1.0000e-005	5.2000e-004	0.0000	1.5543	1.5543	5.0000e-005	5.0000e-005	1.5690
Total	**6.8000e-004**	**4.9000e-004**	**5.8500e-003**	**2.0000e-005**	**1.9200e-003**	**1.0000e-005**	**1.9300e-003**	**5.1000e-004**	**1.0000e-005**	**5.2000e-004**	**0.0000**	**1.5543**	**1.5543**	**5.0000e-005**	**5.0000e-005**	**1.5690**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2678	0.0000	0.2678	0.1366	0.0000	0.1366	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0428	0.4466	0.2659	5.1000e-004		0.0218	0.0218		0.0200	0.0200	0.0000	45.1431	45.1431	0.0146	0.0000	45.5081
Total	**0.0428**	**0.4466**	**0.2659**	**5.1000e-004**	**0.2678**	**0.0218**	**0.2895**	**0.1366**	**0.0200**	**0.1567**	**0.0000**	**45.1431**	**45.1431**	**0.0146**	**0.0000**	**45.5081**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.8000e-004	4.9000e-004	5.8500e-003	2.0000e-005	1.9200e-003	1.0000e-005	1.9300e-003	5.1000e-004	1.0000e-005	5.2000e-004	0.0000	1.5543	1.5543	5.0000e-005	5.0000e-005	1.5690
Total	**6.8000e-004**	**4.9000e-004**	**5.8500e-003**	**2.0000e-005**	**1.9200e-003**	**1.0000e-005**	**1.9300e-003**	**5.1000e-004**	**1.0000e-005**	**5.2000e-004**	**0.0000**	**1.5543**	**1.5543**	**5.0000e-005**	**5.0000e-005**	**1.5690**

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0510	0.0000	0.0510	0.0175	0.0000	0.0175	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9900e-003	0.0413	0.0274	6.0000e-005		1.9000e-003	1.9000e-003		1.7500e-003	1.7500e-003	0.0000	5.0176	5.0176	1.6200e-003	0.0000	5.0582
Total	**3.9900e-003**	**0.0413**	**0.0274**	**6.0000e-005**	**0.0510**	**1.9000e-003**	**0.0529**	**0.0175**	**1.7500e-003**	**0.0192**	**0.0000**	**5.0176**	**5.0176**	**1.6200e-003**	**0.0000**	**5.0582**

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.1000e-004	0.0000	2.1000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1683	0.1683	0.0000	0.0000	0.1698
Total	**7.0000e-005**	**5.0000e-005**	**6.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.1683**	**0.1683**	**0.0000**	**0.0000**	**0.1698**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0510	0.0000	0.0510	0.0175	0.0000	0.0175	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.9900e-003	0.0413	0.0274	6.0000e-005		1.9000e-003	1.9000e-003		1.7500e-003	1.7500e-003	0.0000	5.0176	5.0176	1.6200e-003	0.0000	5.0582
Total	**3.9900e-003**	**0.0413**	**0.0274**	**6.0000e-005**	**0.0510**	**1.9000e-003**	**0.0529**	**0.0175**	**1.7500e-003**	**0.0192**	**0.0000**	**5.0176**	**5.0176**	**1.6200e-003**	**0.0000**	**5.0582**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	7.0000e-005	5.0000e-005	6.0000e-004	0.0000	2.1000e-004	0.0000	2.1000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1683	0.1683	0.0000	0.0000	0.1698
Total	**7.0000e-005**	**5.0000e-005**	**6.0000e-004**	**0.0000**	**2.1000e-004**	**0.0000**	**2.1000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.1683**	**0.1683**	**0.0000**	**0.0000**	**0.1698**

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1069	0.0000	0.1069	0.0515	0.0000	0.0515	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0257	0.2690	0.2213	4.4000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	39.0909	39.0909	0.0126	0.0000	39.4070
Total	**0.0257**	**0.2690**	**0.2213**	**4.4000e-004**	**0.1069**	**0.0116**	**0.1185**	**0.0515**	**0.0107**	**0.0622**	**0.0000**	**39.0909**	**39.0909**	**0.0126**	**0.0000**	**39.4070**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.5500e-003	0.0985	0.0224	4.5000e-004	0.0127	8.4000e-004	0.0136	3.5000e-003	8.0000e-004	4.3000e-003	0.0000	43.7021	43.7021	9.3000e-004	6.9000e-003	45.7829
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.0000e-004	5.0200e-003	2.0000e-005	1.7800e-003	1.0000e-005	1.7900e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.4026	1.4026	4.0000e-005	4.0000e-005	1.4152
Total	**2.1400e-003**	**0.0989**	**0.0274**	**4.7000e-004**	**0.0145**	**8.5000e-004**	**0.0153**	**3.9700e-003**	**8.1000e-004**	**4.7800e-003**	**0.0000**	**45.1047**	**45.1047**	**9.7000e-004**	**6.9400e-003**	**47.1981**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1069	0.0000	0.1069	0.0515	0.0000	0.0515	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0257	0.2690	0.2213	4.4000e-004		0.0116	0.0116		0.0107	0.0107	0.0000	39.0909	39.0909	0.0126	0.0000	39.4069
Total	**0.0257**	**0.2690**	**0.2213**	**4.4000e-004**	**0.1069**	**0.0116**	**0.1185**	**0.0515**	**0.0107**	**0.0622**	**0.0000**	**39.0909**	**39.0909**	**0.0126**	**0.0000**	**39.4069**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.5500e-003	0.0985	0.0224	4.5000e-004	0.0127	8.4000e-004	0.0136	3.5000e-003	8.0000e-004	4.3000e-003	0.0000	43.7021	43.7021	9.3000e-004	6.9000e-003	45.7829
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.9000e-004	4.0000e-004	5.0200e-003	2.0000e-005	1.7800e-003	1.0000e-005	1.7900e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.4026	1.4026	4.0000e-005	4.0000e-005	1.4152
Total	**2.1400e-003**	**0.0989**	**0.0274**	**4.7000e-004**	**0.0145**	**8.5000e-004**	**0.0153**	**3.9700e-003**	**8.1000e-004**	**4.7800e-003**	**0.0000**	**45.1047**	**45.1047**	**9.7000e-004**	**6.9400e-003**	**47.1981**

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6327	1.8437	3.0600e-003		0.0794	0.0794		0.0747	0.0747	0.0000	263.0984	263.0984	0.0626	0.0000	264.6631
Total	**0.1785**	**1.6327**	**1.8437**	**3.0600e-003**		**0.0794**	**0.0794**		**0.0747**	**0.0747**	**0.0000**	**263.0984**	**263.0984**	**0.0626**	**0.0000**	**264.6631**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6400e-003	0.1142	0.0345	5.2000e-004	0.0172	6.9000e-004	0.0178	4.9600e-003	6.6000e-004	5.6200e-003	0.0000	50.4982	50.4982	6.9000e-004	7.5600e-003	52.7687
Worker	0.0431	0.0295	0.3669	1.1000e-003	0.1301	6.8000e-004	0.1308	0.0346	6.2000e-004	0.0352	0.0000	102.5891	102.5891	3.0200e-003	2.8500e-003	103.5129
Total	**0.0457**	**0.1437**	**0.4014**	**1.6200e-003**	**0.1473**	**1.3700e-003**	**0.1486**	**0.0396**	**1.2800e-003**	**0.0409**	**0.0000**	**153.0873**	**153.0873**	**3.7100e-003**	**0.0104**	**156.2816**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1785	1.6327	1.8437	3.0600e-003		0.0794	0.0794		0.0747	0.0747	0.0000	263.0981	263.0981	0.0626	0.0000	264.6628
Total	**0.1785**	**1.6327**	**1.8437**	**3.0600e-003**		**0.0794**	**0.0794**		**0.0747**	**0.0747**	**0.0000**	**263.0981**	**263.0981**	**0.0626**	**0.0000**	**264.6628**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6400e-003	0.1142	0.0345	5.2000e-004	0.0172	6.9000e-004	0.0178	4.9600e-003	6.6000e-004	5.6200e-003	0.0000	50.4982	50.4982	6.9000e-004	7.5600e-003	52.7687
Worker	0.0431	0.0295	0.3669	1.1000e-003	0.1301	6.8000e-004	0.1308	0.0346	6.2000e-004	0.0352	0.0000	102.5891	102.5891	3.0200e-003	2.8500e-003	103.5129
Total	**0.0457**	**0.1437**	**0.4014**	**1.6200e-003**	**0.1473**	**1.3700e-003**	**0.1486**	**0.0396**	**1.2800e-003**	**0.0409**	**0.0000**	**153.0873**	**153.0873**	**3.7100e-003**	**0.0104**	**156.2816**

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1089	0.9948	1.1963	1.9900e-003		0.0454	0.0454		0.0427	0.0427	0.0000	171.5683	171.5683	0.0406	0.0000	172.5826
Total	**0.1089**	**0.9948**	**1.1963**	**1.9900e-003**		**0.0454**	**0.0454**		**0.0427**	**0.0427**	**0.0000**	**171.5683**	**171.5683**	**0.0406**	**0.0000**	**172.5826**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6800e-003	0.0747	0.0221	3.3000e-004	0.0112	4.5000e-004	0.0116	3.2300e-003	4.3000e-004	3.6700e-003	0.0000	32.4160	32.4160	4.5000e-004	4.8600e-003	33.8745
Worker	0.0262	0.0172	0.2235	7.0000e-004	0.0848	4.2000e-004	0.0853	0.0226	3.9000e-004	0.0230	0.0000	65.2370	65.2370	1.7900e-003	1.7300e-003	65.7973
Total	**0.0279**	**0.0919**	**0.2455**	**1.0300e-003**	**0.0960**	**8.7000e-004**	**0.0969**	**0.0258**	**8.2000e-004**	**0.0266**	**0.0000**	**97.6530**	**97.6530**	**2.2400e-003**	**6.5900e-003**	**99.6719**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1089	0.9948	1.1963	1.9900e-003		0.0454	0.0454		0.0427	0.0427	0.0000	171.5681	171.5681	0.0406	0.0000	172.5824
Total	**0.1089**	**0.9948**	**1.1963**	**1.9900e-003**		**0.0454**	**0.0454**		**0.0427**	**0.0427**	**0.0000**	**171.5681**	**171.5681**	**0.0406**	**0.0000**	**172.5824**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.6800e-003	0.0747	0.0221	3.3000e-004	0.0112	4.5000e-004	0.0116	3.2300e-003	4.3000e-004	3.6700e-003	0.0000	32.4160	32.4160	4.5000e-004	4.8600e-003	33.8745
Worker	0.0262	0.0172	0.2235	7.0000e-004	0.0848	4.2000e-004	0.0853	0.0226	3.9000e-004	0.0230	0.0000	65.2370	65.2370	1.7900e-003	1.7300e-003	65.7973
Total	**0.0279**	**0.0919**	**0.2455**	**1.0300e-003**	**0.0960**	**8.7000e-004**	**0.0969**	**0.0258**	**8.2000e-004**	**0.0266**	**0.0000**	**97.6530**	**97.6530**	**2.2400e-003**	**6.5900e-003**	**99.6719**

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0148	0.1429	0.2194	3.4000e-004		7.0300e-003	7.0300e-003		6.4700e-003	6.4700e-003	0.0000	30.0398	30.0398	9.7200e-003	0.0000	30.2827
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0148**	**0.1429**	**0.2194**	**3.4000e-004**		**7.0300e-003**	**7.0300e-003**		**6.4700e-003**	**6.4700e-003**	**0.0000**	**30.0398**	**30.0398**	**9.7200e-003**	**0.0000**	**30.2827**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	3.6000e-004	4.6900e-003	1.0000e-005	1.7800e-003	1.0000e-005	1.7900e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.3680	1.3680	4.0000e-005	4.0000e-005	1.3797
Total	**5.5000e-004**	**3.6000e-004**	**4.6900e-003**	**1.0000e-005**	**1.7800e-003**	**1.0000e-005**	**1.7900e-003**	**4.7000e-004**	**1.0000e-005**	**4.8000e-004**	**0.0000**	**1.3680**	**1.3680**	**4.0000e-005**	**4.0000e-005**	**1.3797**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0148	0.1429	0.2194	3.4000e-004		7.0300e-003	7.0300e-003		6.4700e-003	6.4700e-003	0.0000	30.0398	30.0398	9.7200e-003	0.0000	30.2827
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0148**	**0.1429**	**0.2194**	**3.4000e-004**		**7.0300e-003**	**7.0300e-003**		**6.4700e-003**	**6.4700e-003**	**0.0000**	**30.0398**	**30.0398**	**9.7200e-003**	**0.0000**	**30.2827**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	3.6000e-004	4.6900e-003	1.0000e-005	1.7800e-003	1.0000e-005	1.7900e-003	4.7000e-004	1.0000e-005	4.8000e-004	0.0000	1.3680	1.3680	4.0000e-005	4.0000e-005	1.3797
Total	**5.5000e-004**	**3.6000e-004**	**4.6900e-003**	**1.0000e-005**	**1.7800e-003**	**1.0000e-005**	**1.7900e-003**	**4.7000e-004**	**1.0000e-005**	**4.8000e-004**	**0.0000**	**1.3680**	**1.3680**	**4.0000e-005**	**4.0000e-005**	**1.3797**

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3501					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5900e-003	0.0512	0.0760	1.2000e-004		2.5600e-003	2.5600e-003		2.5600e-003	2.5600e-003	0.0000	10.7237	10.7237	6.0000e-004	0.0000	10.7388
Total	**0.3577**	**0.0512**	**0.0760**	**1.2000e-004**		**2.5600e-003**	**2.5600e-003**		**2.5600e-003**	**2.5600e-003**	**0.0000**	**10.7237**	**10.7237**	**6.0000e-004**	**0.0000**	**10.7388**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9800e-003	1.9500e-003	0.0254	8.0000e-005	9.6300e-003	5.0000e-005	9.6800e-003	2.5600e-003	4.0000e-005	2.6100e-003	0.0000	7.4053	7.4053	2.0000e-004	2.0000e-004	7.4689
Total	**2.9800e-003**	**1.9500e-003**	**0.0254**	**8.0000e-005**	**9.6300e-003**	**5.0000e-005**	**9.6800e-003**	**2.5600e-003**	**4.0000e-005**	**2.6100e-003**	**0.0000**	**7.4053**	**7.4053**	**2.0000e-004**	**2.0000e-004**	**7.4689**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.3501					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	7.5900e-003	0.0512	0.0760	1.2000e-004		2.5600e-003	2.5600e-003		2.5600e-003	2.5600e-003	0.0000	10.7237	10.7237	6.0000e-004	0.0000	10.7388
Total	**0.3577**	**0.0512**	**0.0760**	**1.2000e-004**		**2.5600e-003**	**2.5600e-003**		**2.5600e-003**	**2.5600e-003**	**0.0000**	**10.7237**	**10.7237**	**6.0000e-004**	**0.0000**	**10.7388**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.9800e-003	1.9500e-003	0.0254	8.0000e-005	9.6300e-003	5.0000e-005	9.6800e-003	2.5600e-003	4.0000e-005	2.6100e-003	0.0000	7.4053	7.4053	2.0000e-004	2.0000e-004	7.4689
Total	**2.9800e-003**	**1.9500e-003**	**0.0254**	**8.0000e-005**	**9.6300e-003**	**5.0000e-005**	**9.6800e-003**	**2.5600e-003**	**4.0000e-005**	**2.6100e-003**	**0.0000**	**7.4053**	**7.4053**	**2.0000e-004**	**2.0000e-004**	**7.4689**

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7128					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0146	0.0979	0.1547	2.5000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	21.8303	21.8303	1.1900e-003	0.0000	21.8601
Total	**0.7274**	**0.0979**	**0.1547**	**2.5000e-004**		**4.4000e-003**	**4.4000e-003**		**4.4000e-003**	**4.4000e-003**	**0.0000**	**21.8303**	**21.8303**	**1.1900e-003**	**0.0000**	**21.8601**

2065 Kittredge Mixed-Use Project - Alameda County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6900e-003	3.5800e-003	0.0485	1.6000e-004	0.0196	9.0000e-005	0.0197	5.2200e-003	9.0000e-005	5.3000e-003	0.0000	14.7140	14.7140	3.8000e-004	3.7000e-004	14.8352
Total	**5.6900e-003**	**3.5800e-003**	**0.0485**	**1.6000e-004**	**0.0196**	**9.0000e-005**	**0.0197**	**5.2200e-003**	**9.0000e-005**	**5.3000e-003**	**0.0000**	**14.7140**	**14.7140**	**3.8000e-004**	**3.7000e-004**	**14.8352**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.7128					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0146	0.0979	0.1547	2.5000e-004		4.4000e-003	4.4000e-003		4.4000e-003	4.4000e-003	0.0000	21.8303	21.8303	1.1900e-003	0.0000	21.8601
Total	**0.7274**	**0.0979**	**0.1547**	**2.5000e-004**		**4.4000e-003**	**4.4000e-003**		**4.4000e-003**	**4.4000e-003**	**0.0000**	**21.8303**	**21.8303**	**1.1900e-003**	**0.0000**	**21.8601**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6900e-003	3.5800e-003	0.0485	1.6000e-004	0.0196	9.0000e-005	0.0197	5.2200e-003	9.0000e-005	5.3000e-003	0.0000	14.7140	14.7140	3.8000e-004	3.7000e-004	14.8352
Total	**5.6900e-003**	**3.5800e-003**	**0.0485**	**1.6000e-004**	**0.0196**	**9.0000e-005**	**0.0197**	**5.2200e-003**	**9.0000e-005**	**5.3000e-003**	**0.0000**	**14.7140**	**14.7140**	**3.8000e-004**	**3.7000e-004**	**14.8352**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Walkability Design

Improve Destination Accessibility

Integrate Below Market Rate Housing

2065 Kittredge Mixed-Use Project - Alameda County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.2770	0.2580	1.9278	3.0000e-003	0.4326	2.5600e-003	0.4352	0.1129	2.3800e-003	0.1152	0.0000	283.7236	283.7236	0.0287	0.0198	290.3287
Unmitigated	0.3827	0.4780	3.5590	7.7100e-003	1.1786	5.8100e-003	1.1844	0.3075	5.4200e-003	0.3129	0.0000	729.7823	729.7823	0.0452	0.0373	742.0334

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,033.60	932.90	777.10	2,269,354	832,971
Enclosed Parking with Elevator	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	553.97	1,113.60	800.00	1,078,910	396,016
Total	1,587.57	2,046.50	1,577.10	3,348,264	1,228,987

4.3 Trip Type Information

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.570753	0.056481	0.179220	0.111941	0.020784	0.005211	0.013984	0.013033	0.000790	0.000560	0.024477	0.000343	0.002423
Enclosed Parking with Elevator	0.570753	0.056481	0.179220	0.111941	0.020784	0.005211	0.013984	0.013033	0.000790	0.000560	0.024477	0.000343	0.002423

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Fast Food Restaurant w/o Drive Thru	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	81.2250	81.2250	0.0131	1.5900e-003	82.0282
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	81.2250	81.2250	0.0131	1.5900e-003	82.0282
NaturalGas Mitigated	0.0101	0.0871	0.0425	5.5000e-004		6.9700e-003	6.9700e-003		6.9700e-003	6.9700e-003	0.0000	99.9079	99.9079	1.9100e-003	1.8300e-003	100.5016
NaturalGas Unmitigated	0.0101	0.0871	0.0425	5.5000e-004		6.9700e-003	6.9700e-003		6.9700e-003	6.9700e-003	0.0000	99.9079	99.9079	1.9100e-003	1.8300e-003	100.5016

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.60417e+006	8.6500e-003	0.0739	0.0315	4.7000e-004		5.9800e-003	5.9800e-003		5.9800e-003	5.9800e-003	0.0000	85.6047	85.6047	1.6400e-003	1.5700e-003	86.1134
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	268032	1.4500e-003	0.0131	0.0110	8.0000e-005		1.0000e-003	1.0000e-003		1.0000e-003	1.0000e-003	0.0000	14.3032	14.3032	2.7000e-004	2.6000e-004	14.3882
Total		**0.0101**	**0.0871**	**0.0425**	**5.5000e-004**		**6.9800e-003**	**6.9800e-003**		**6.9800e-003**	**6.9800e-003**	**0.0000**	**99.9079**	**99.9079**	**1.9100e-003**	**1.8300e-003**	**100.5016**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	1.60417e+006	8.6500e-003	0.0739	0.0315	4.7000e-004		5.9800e-003	5.9800e-003		5.9800e-003	5.9800e-003	0.0000	85.6047	85.6047	1.6400e-003	1.5700e-003	86.1134
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	268032	1.4500e-003	0.0131	0.0110	8.0000e-005		1.0000e-003	1.0000e-003		1.0000e-003	1.0000e-003	0.0000	14.3032	14.3032	2.7000e-004	2.6000e-004	14.3882
Total		**0.0101**	**0.0871**	**0.0425**	**5.5000e-004**		**6.9800e-003**	**6.9800e-003**		**6.9800e-003**	**6.9800e-003**	**0.0000**	**99.9079**	**99.9079**	**1.9100e-003**	**1.8300e-003**	**100.5016**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	738410	68.3205	0.0111	1.3400e-003	68.9961
Enclosed Parking with Elevator	93568	8.6573	1.4000e-003	1.7000e-004	8.7429
Fast Food Restaurant w/o Drive Thru	45904	4.2472	6.9000e-004	8.0000e-005	4.2892
Total		**81.2250**	**0.0131**	**1.5900e-003**	**82.0282**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	738410	68.3205	0.0111	1.3400e-003	68.9961
Enclosed Parking with Elevator	93568	8.6573	1.4000e-003	1.7000e-004	8.7429
Fast Food Restaurant w/o Drive Thru	45904	4.2472	6.9000e-004	8.0000e-005	4.2892
Total		**81.2250**	**0.0131**	**1.5900e-003**	**82.0282**

6.0 Area Detail

6.1 Mitigation Measures Area

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.7678	0.0162	1.4098	7.0000e-005		7.8200e-003	7.8200e-003		7.8200e-003	7.8200e-003	0.0000	2.3053	2.3053	2.2100e-003	0.0000	2.3605
Unmitigated	0.7678	0.0162	1.4098	7.0000e-005		7.8200e-003	7.8200e-003		7.8200e-003	7.8200e-003	0.0000	2.3053	2.3053	2.2100e-003	0.0000	2.3605

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1349					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5905					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0424	0.0162	1.4098	7.0000e-005		7.8200e-003	7.8200e-003		7.8200e-003	7.8200e-003	0.0000	2.3053	2.3053	2.2100e-003	0.0000	2.3605
Total	**0.7678**	**0.0162**	**1.4098**	**7.0000e-005**		**7.8200e-003**	**7.8200e-003**		**7.8200e-003**	**7.8200e-003**	**0.0000**	**2.3053**	**2.3053**	**2.2100e-003**	**0.0000**	**2.3605**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1349					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.5905					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.0424	0.0162	1.4098	7.0000e-005		7.8200e-003	7.8200e-003		7.8200e-003	7.8200e-003	0.0000	2.3053	2.3053	2.2100e-003	0.0000	2.3605
Total	**0.7678**	**0.0162**	**1.4098**	**7.0000e-005**		**7.8200e-003**	**7.8200e-003**		**7.8200e-003**	**7.8200e-003**	**0.0000**	**2.3053**	**2.3053**	**2.2100e-003**	**0.0000**	**2.3605**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	12.4252	0.4206	0.0101	25.9375
Unmitigated	13.0596	0.4207	0.0101	26.5781

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	12.3793 / 7.80432	12.6523	0.4048	9.7000e-003	25.6614
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	0.485654 / 0.0309992	0.4073	0.0159	3.8000e-004	0.9167
Total		**13.0596**	**0.4207**	**0.0101**	**26.5781**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	12.3793 / 5.85324	12.0205	0.4047	9.6800e-003	25.0233
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	0.485654 / 0.0232494	0.4048	0.0159	3.8000e-004	0.9142
Total		**12.4252**	**0.4206**	**0.0101**	**25.9375**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	10.7413	0.6348	0.0000	26.6110
Unmitigated	21.4825	1.2696	0.0000	53.2221

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	87.4	17.7414	1.0485	0.0000	43.9536
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	18.43	3.7411	0.2211	0.0000	9.2685
Total		**21.4825**	**1.2696**	**0.0000**	**53.2221**

2065 Kittredge Mixed-Use Project - Alameda County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	43.7	8.8707	0.5242	0.0000	21.9768
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	9.215	1.8706	0.1106	0.0000	4.6342
Total		**10.7413**	**0.6348**	**0.0000**	**26.6110**

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

11.0 Vegetation

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2065 Kittredge Mixed-Use Project

Alameda County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	43.00	Space	0.39	17,200.00	0
Fast Food Restaurant w/o Drive Thru	1.60	1000sqft	0.04	1,600.00	0
Apartments Mid Rise	190.00	Dwelling Unit	5.00	149,301.00	543

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	63
Climate Zone	5			**Operational Year**	2025
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - square footage adjusted

Construction Phase - Applicant provided timeline

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Default

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Trips and VMT - Haul trips for excavation moved to grading phase. All defaults otherwise

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Grading - 12,000 cubic yards for one subterranean level

Woodstoves - Woodstoves and fireplaces not allowed per BAAQMD Rules

Area Coating -

Energy Use - defaults

Mobile Commute Mitigation -

Energy Mitigation -

Demolition - square footage of existing building. All would be demolished

On-road Fugitive Dust -

Architectural Coating -

Vehicle Trips - Differ from traffic study, but land use mitigation accounts for some reductions in trip rate

Water And Wastewater - defaults

Solid Waste - defaults

Mobile Land Use Mitigation - 0.8 acre lot, 190 units

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	800	801
tblAreaCoating	Area_Nonresidential_Interior	2400	2402
tblAreaCoating	Area_Residential_Exterior	100778	128250
tblAreaCoating	Area_Residential_Interior	302335	384750
tblConstructionPhase	NumDays	20.00	60.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	230.00	375.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	255.00
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	28.50	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFireplaces	NumberNoFireplace	7.60	190.00
tblFireplaces	NumberWood	32.30	0.00
tblFleetMix	HHD	0.01	0.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.2110e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	2.4230e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	7.9000e-004	0.00
tblFleetMix	SBUS	3.4300e-004	0.00
tblFleetMix	UBUS	5.6000e-004	0.00
tblGrading	MaterialExported	0.00	12,000.00
tblLandUse	LandUseSquareFeet	190,000.00	149,301.00
tblWoodstoves	NumberCatalytic	3.80	0.00
tblWoodstoves	NumberNoncatalytic	3.80	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2240	33.1157	21.2298	0.0444	19.8049	1.6134	21.4182	10.1417	1.4843	11.6260	0.0000	4,345.7823	4,345.7823	1.1959	0.0796	4,396.1445
2023	2.7095	27.5527	20.0267	0.0605	19.8049	1.2668	21.0716	10.1417	1.1654	11.3071	0.0000	6,193.0502	6,193.0502	1.1959	0.5098	6,369.9711
2024	8.5927	14.6224	19.7060	0.0416	1.3470	0.6251	1.9721	0.3608	0.5880	0.9488	0.0000	4,077.8492	4,077.8492	0.7165	0.0960	4,122.3432
2025	8.5781	1.1824	2.4173	4.9200e-003	0.2382	0.0526	0.2908	0.0632	0.0525	0.1157	0.0000	484.3664	484.3664	0.0198	4.4500e-003	486.1879
Maximum	**8.5927**	**33.1157**	**21.2298**	**0.0605**	**19.8049**	**1.6134**	**21.4182**	**10.1417**	**1.4843**	**11.6260**	**0.0000**	**6,193.0502**	**6,193.0502**	**1.1959**	**0.5098**	**6,369.9711**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2240	33.1157	21.2298	0.0444	19.8049	1.6134	21.4182	10.1417	1.4843	11.6260	0.0000	4,345.7823	4,345.7823	1.1959	0.0796	4,396.1445
2023	2.7095	27.5527	20.0267	0.0605	19.8049	1.2668	21.0716	10.1417	1.1654	11.3071	0.0000	6,193.0502	6,193.0502	1.1959	0.5098	6,369.9711
2024	8.5927	14.6224	19.7060	0.0416	1.3470	0.6251	1.9721	0.3608	0.5880	0.9488	0.0000	4,077.8492	4,077.8492	0.7165	0.0960	4,122.3432
2025	8.5781	1.1824	2.4173	4.9200e-003	0.2382	0.0526	0.2908	0.0632	0.0525	0.1157	0.0000	484.3664	484.3664	0.0198	4.4500e-003	486.1879
Maximum	**8.5927**	**33.1157**	**21.2298**	**0.0605**	**19.8049**	**1.6134**	**21.4182**	**10.1417**	**1.4843**	**11.6260**	**0.0000**	**6,193.0502**	**6,193.0502**	**1.1959**	**0.5098**	**6,369.9711**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.4454	0.1804	15.6649	8.3000e-004		0.0869	0.0869		0.0869	0.0869	0.0000	28.2347	28.2347	0.0271	0.0000	28.9111
Energy	0.0553	0.4770	0.2328	3.0200e-003		0.0382	0.0382		0.0382	0.0382		603.4501	603.4501	0.0116	0.0111	607.0361
Mobile	2.4800	2.5493	20.3913	0.0470	8.2882	0.0336	8.3218	2.1393	0.0313	2.1707		4,903.0430	4,903.0430	0.2677	0.2264	4,977.1877
Total	**6.9807**	**3.2068**	**36.2890**	**0.0509**	**8.2882**	**0.1587**	**8.4469**	**2.1393**	**0.1565**	**2.2958**	**0.0000**	**5,534.7278**	**5,534.7278**	**0.3064**	**0.2374**	**5,613.1348**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.4454	0.1804	15.6649	8.3000e-004		0.0869	0.0869		0.0869	0.0869	0.0000	28.2347	28.2347	0.0271	0.0000	28.9111
Energy	0.0553	0.4770	0.2328	3.0200e-003		0.0382	0.0382		0.0382	0.0382		603.4501	603.4501	0.0116	0.0111	607.0361
Mobile	1.8826	1.3741	10.3033	0.0182	3.0422	0.0148	3.0570	0.7852	0.0138	0.7990		1,899.0667	1,899.0667	0.1624	0.1186	1,938.4604
Total	**6.3833**	**2.0316**	**26.2011**	**0.0221**	**3.0422**	**0.1399**	**3.1821**	**0.7852**	**0.1389**	**0.9241**	**0.0000**	**2,530.7514**	**2,530.7514**	**0.2011**	**0.1296**	**2,574.4076**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**8.56**	**36.65**	**27.80**	**56.64**	**63.29**	**11.86**	**62.33**	**63.29**	**11.24**	**59.75**	**0.00**	**54.28**	**54.28**	**34.37**	**45.40**	**54.14**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2022	11/23/2022	5	60	
2	Site Preparation	Site Preparation	11/24/2022	1/4/2023	5	30	
3	Grading	Grading	1/5/2023	2/15/2023	5	30	
4	Building Construction	Building Construction	2/16/2023	7/24/2024	5	375	
5	Paving	Paving	7/25/2024	9/4/2024	5	30	
6	Architectural Coating	Architectural Coating	9/5/2024	8/27/2025	5	255	

Acres of Grading (Site Preparation Phase): 45

Acres of Grading (Grading Phase): 30

Acres of Paving: 0.39

Residential Indoor: 302,335; Residential Outdoor: 100,778; Non-Residential Indoor: 2,400; Non-Residential Outdoor: 800; Striped Parking Area: 1,032 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	432.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,500.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	145.00	23.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	29.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5586	0.0000	1.5586	0.2360	0.0000	0.2360			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**	**1.5586**	**1.2427**	**2.8012**	**0.2360**	**1.1553**	**1.3912**		**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0334	1.1608	0.2458	4.5100e-003	0.1261	0.0111	0.1372	0.0346	0.0106	0.0452		485.8198	485.8198	0.0106	0.0767	508.9480
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0449	0.0268	0.3899	1.1100e-003	0.1232	6.5000e-004	0.1239	0.0327	6.0000e-004	0.0333		113.1814	113.1814	3.1400e-003	2.8300e-003	114.1045
Total	**0.0783**	**1.1876**	**0.6357**	**5.6200e-003**	**0.2493**	**0.0118**	**0.2611**	**0.0673**	**0.0112**	**0.0785**		**599.0012**	**599.0012**	**0.0137**	**0.0796**	**623.0525**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5586	0.0000	1.5586	0.2360	0.0000	0.2360			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**	**1.5586**	**1.2427**	**2.8012**	**0.2360**	**1.1553**	**1.3912**	**0.0000**	**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0334	1.1608	0.2458	4.5100e-003	0.1261	0.0111	0.1372	0.0346	0.0106	0.0452		485.8198	485.8198	0.0106	0.0767	508.9480
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0449	0.0268	0.3899	1.1100e-003	0.1232	6.5000e-004	0.1239	0.0327	6.0000e-004	0.0333		113.1814	113.1814	3.1400e-003	2.8300e-003	114.1045
Total	**0.0783**	**1.1876**	**0.6357**	**5.6200e-003**	**0.2493**	**0.0118**	**0.2611**	**0.0673**	**0.0112**	**0.0785**		**599.0012**	**599.0012**	**0.0137**	**0.0796**	**623.0525**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**19.6570**	**1.6126**	**21.2696**	**10.1025**	**1.4836**	**11.5860**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0539	0.0321	0.4679	1.3400e-003	0.1479	7.8000e-004	0.1487	0.0392	7.2000e-004	0.0399		135.8176	135.8176	3.7600e-003	3.4000e-003	136.9254
Total	**0.0539**	**0.0321**	**0.4679**	**1.3400e-003**	**0.1479**	**7.8000e-004**	**0.1487**	**0.0392**	**7.2000e-004**	**0.0399**		**135.8176**	**135.8176**	**3.7600e-003**	**3.4000e-003**	**136.9254**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**19.6570**	**1.6126**	**21.2696**	**10.1025**	**1.4836**	**11.5860**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0539	0.0321	0.4679	1.3400e-003	0.1479	7.8000e-004	0.1487	0.0392	7.2000e-004	0.0399		135.8176	135.8176	3.7600e-003	3.4000e-003	136.9254
Total	**0.0539**	**0.0321**	**0.4679**	**1.3400e-003**	**0.1479**	**7.8000e-004**	**0.1487**	**0.0392**	**7.2000e-004**	**0.0399**		**135.8176**	**135.8176**	**3.7600e-003**	**3.4000e-003**	**136.9254**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**19.6570**	**1.2660**	**20.9230**	**10.1025**	**1.1647**	**11.2672**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0501	0.0285	0.4324	1.2900e-003	0.1479	7.4000e-004	0.1486	0.0392	6.8000e-004	0.0399		132.3399	132.3399	3.3900e-003	3.1600e-003	133.3652
Total	**0.0501**	**0.0285**	**0.4324**	**1.2900e-003**	**0.1479**	**7.4000e-004**	**0.1486**	**0.0392**	**6.8000e-004**	**0.0399**		**132.3399**	**132.3399**	**3.3900e-003**	**3.1600e-003**	**133.3652**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**19.6570**	**1.2660**	**20.9230**	**10.1025**	**1.1647**	**11.2672**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0501	0.0285	0.4324	1.2900e-003	0.1479	7.4000e-004	0.1486	0.0392	6.8000e-004	0.0399		132.3399	132.3399	3.3900e-003	3.1600e-003	133.3652
Total	**0.0501**	**0.0285**	**0.4324**	**1.2900e-003**	**0.1479**	**7.4000e-004**	**0.1486**	**0.0392**	**6.8000e-004**	**0.0399**		**132.3399**	**132.3399**	**3.3900e-003**	**3.1600e-003**	**133.3652**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.1278	0.0000	7.1278	3.4316	0.0000	3.4316			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129		2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**7.1278**	**0.7749**	**7.9027**	**3.4316**	**0.7129**	**4.1445**		**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1061	6.3282	1.4820	0.0298	0.8758	0.0560	0.9318	0.2402	0.0536	0.2937		3,210.0760	3,210.0760	0.0683	0.5072	3,362.9153
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0417	0.0237	0.3603	1.0800e-003	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		110.2833	110.2833	2.8300e-003	2.6300e-003	111.1377
Total	**0.1478**	**6.3519**	**1.8423**	**0.0308**	**0.9990**	**0.0566**	**1.0556**	**0.2729**	**0.0541**	**0.3270**		**3,320.3592**	**3,320.3592**	**0.0711**	**0.5098**	**3,474.0529**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.1278	0.0000	7.1278	3.4316	0.0000	3.4316			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129	0.0000	2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**7.1278**	**0.7749**	**7.9027**	**3.4316**	**0.7129**	**4.1445**	**0.0000**	**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.1061	6.3282	1.4820	0.0298	0.8758	0.0560	0.9318	0.2402	0.0536	0.2937		3,210.0760	3,210.0760	0.0683	0.5072	3,362.9153
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0417	0.0237	0.3603	1.0800e-003	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		110.2833	110.2833	2.8300e-003	2.6300e-003	111.1377
Total	**0.1478**	**6.3519**	**1.8423**	**0.0308**	**0.9990**	**0.0566**	**1.0556**	**0.2729**	**0.0541**	**0.3270**		**3,320.3592**	**3,320.3592**	**0.0711**	**0.5098**	**3,474.0529**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0238	0.9699	0.2995	4.5900e-003	0.1559	6.0600e-003	0.1619	0.0449	5.8000e-003	0.0507		490.0925	490.0925	6.7100e-003	0.0734	512.1172
Worker	0.4033	0.2294	3.4832	0.0104	1.1911	5.9700e-003	1.1971	0.3160	5.5000e-003	0.3215		1,066.0716	1,066.0716	0.0273	0.0254	1,074.3307
Total	**0.4271**	**1.1993**	**3.7827**	**0.0150**	**1.3470**	**0.0120**	**1.3591**	**0.3608**	**0.0113**	**0.3721**		**1,556.1641**	**1,556.1641**	**0.0341**	**0.0988**	**1,586.4478**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0238	0.9699	0.2995	4.5900e-003	0.1559	6.0600e-003	0.1619	0.0449	5.8000e-003	0.0507		490.0925	490.0925	6.7100e-003	0.0734	512.1172
Worker	0.4033	0.2294	3.4832	0.0104	1.1911	5.9700e-003	1.1971	0.3160	5.5000e-003	0.3215		1,066.0716	1,066.0716	0.0273	0.0254	1,074.3307
Total	**0.4271**	**1.1993**	**3.7827**	**0.0150**	**1.3470**	**0.0120**	**1.3591**	**0.3608**	**0.0113**	**0.3721**		**1,556.1641**	**1,556.1641**	**0.0341**	**0.0988**	**1,586.4478**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0233	0.9737	0.2939	4.5200e-003	0.1559	6.1200e-003	0.1620	0.0449	5.8500e-003	0.0507		482.5281	482.5281	6.7000e-003	0.0723	504.2293
Worker	0.3762	0.2050	3.2453	0.0101	1.1911	5.6900e-003	1.1968	0.3160	5.2400e-003	0.3212		1,039.6223	1,039.6223	0.0247	0.0237	1,047.3063
Total	**0.3995**	**1.1786**	**3.5392**	**0.0146**	**1.3470**	**0.0118**	**1.3588**	**0.3608**	**0.0111**	**0.3719**		**1,522.1503**	**1,522.1503**	**0.0314**	**0.0960**	**1,551.5356**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0233	0.9737	0.2939	4.5200e-003	0.1559	6.1200e-003	0.1620	0.0449	5.8500e-003	0.0507		482.5281	482.5281	6.7000e-003	0.0723	504.2293
Worker	0.3762	0.2050	3.2453	0.0101	1.1911	5.6900e-003	1.1968	0.3160	5.2400e-003	0.3212		1,039.6223	1,039.6223	0.0247	0.0237	1,047.3063
Total	**0.3995**	**1.1786**	**3.5392**	**0.0146**	**1.3470**	**0.0118**	**1.3588**	**0.3608**	**0.0111**	**0.3719**		**1,522.1503**	**1,522.1503**	**0.0314**	**0.0960**	**1,551.5356**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0389	0.0212	0.3357	1.0400e-003	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		107.5471	107.5471	2.5600e-003	2.4500e-003	108.3420
Total	**0.0389**	**0.0212**	**0.3357**	**1.0400e-003**	**0.1232**	**5.9000e-004**	**0.1238**	**0.0327**	**5.4000e-004**	**0.0332**		**107.5471**	**107.5471**	**2.5600e-003**	**2.4500e-003**	**108.3420**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0389	0.0212	0.3357	1.0400e-003	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		107.5471	107.5471	2.5600e-003	2.4500e-003	108.3420
Total	**0.0389**	**0.0212**	**0.3357**	**1.0400e-003**	**0.1232**	**5.9000e-004**	**0.1238**	**0.0327**	**5.4000e-004**	**0.0332**		**107.5471**	**107.5471**	**2.5600e-003**	**2.4500e-003**	**108.3420**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.3366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**8.5174**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0753	0.0410	0.6491	2.0200e-003	0.2382	1.1400e-003	0.2394	0.0632	1.0500e-003	0.0642		207.9245	207.9245	4.9500e-003	4.7400e-003	209.4613
Total	**0.0753**	**0.0410**	**0.6491**	**2.0200e-003**	**0.2382**	**1.1400e-003**	**0.2394**	**0.0632**	**1.0500e-003**	**0.0642**		**207.9245**	**207.9245**	**4.9500e-003**	**4.7400e-003**	**209.4613**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.3366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**8.5174**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0753	0.0410	0.6491	2.0200e-003	0.2382	1.1400e-003	0.2394	0.0632	1.0500e-003	0.0642		207.9245	207.9245	4.9500e-003	4.7400e-003	209.4613
Total	**0.0753**	**0.0410**	**0.6491**	**2.0200e-003**	**0.2382**	**1.1400e-003**	**0.2394**	**0.0632**	**1.0500e-003**	**0.0642**		**207.9245**	**207.9245**	**4.9500e-003**	**4.7400e-003**	**209.4613**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.3366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**8.5075**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0706	0.0369	0.6082	1.9500e-003	0.2382	1.0900e-003	0.2393	0.0632	1.0000e-003	0.0642		202.9183	202.9183	4.4900e-003	4.4500e-003	204.3560
Total	**0.0706**	**0.0369**	**0.6082**	**1.9500e-003**	**0.2382**	**1.0900e-003**	**0.2393**	**0.0632**	**1.0000e-003**	**0.0642**		**202.9183**	**202.9183**	**4.4900e-003**	**4.4500e-003**	**204.3560**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.3366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**8.5075**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0706	0.0369	0.6082	1.9500e-003	0.2382	1.0900e-003	0.2393	0.0632	1.0000e-003	0.0642		202.9183	202.9183	4.4900e-003	4.4500e-003	204.3560
Total	**0.0706**	**0.0369**	**0.6082**	**1.9500e-003**	**0.2382**	**1.0900e-003**	**0.2393**	**0.0632**	**1.0000e-003**	**0.0642**		**202.9183**	**202.9183**	**4.4900e-003**	**4.4500e-003**	**204.3560**

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Walkability Design

Improve Destination Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.8826	1.3741	10.3033	0.0182	3.0422	0.0148	3.0570	0.7852	0.0138	0.7990		1,899.0667	1,899.0667	0.1624	0.1186	1,938.4604
Unmitigated	2.4800	2.5493	20.3913	0.0470	8.2882	0.0336	8.3218	2.1393	0.0313	2.1707		4,903.0430	4,903.0430	0.2677	0.2264	4,977.1877

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,033.60	932.90	777.10	2,269,354	832,971
Enclosed Parking with Elevator	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	553.97	1,113.60	800.00	1,078,910	396,016
Total	1,587.57	2,046.50	1,577.10	3,348,264	1,228,987

4.3 Trip Type Information

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.570753	0.056481	0.179220	0.111941	0.020784	0.005211	0.013984	0.013033	0.000790	0.000560	0.024477	0.000343	0.002423
Enclosed Parking with Elevator	0.570753	0.056481	0.179220	0.111941	0.020784	0.005211	0.013984	0.013033	0.000790	0.000560	0.024477	0.000343	0.002423
Fast Food Restaurant w/o Drive Thru	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0553	0.4770	0.2328	3.0200e-003		0.0382	0.0382		0.0382	0.0382		603.4501	603.4501	0.0116	0.0111	607.0361
NaturalGas Unmitigated	0.0553	0.4770	0.2328	3.0200e-003		0.0382	0.0382		0.0382	0.0382		603.4501	603.4501	0.0116	0.0111	607.0361

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	4394.99	0.0474	0.4050	0.1724	2.5900e-003		0.0328	0.0328		0.0328	0.0328		517.0578	517.0578	9.9100e-003	9.4800e-003	520.1304
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	734.334	7.9200e-003	0.0720	0.0605	4.3000e-004		5.4700e-003	5.4700e-003		5.4700e-003	5.4700e-003		86.3923	86.3923	1.6600e-003	1.5800e-003	86.9057
Total		**0.0553**	**0.4770**	**0.2328**	**3.0200e-003**		**0.0382**	**0.0382**		**0.0382**	**0.0382**		**603.4501**	**603.4501**	**0.0116**	**0.0111**	**607.0361**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	4.39499	0.0474	0.4050	0.1724	2.5900e-003		0.0328	0.0328		0.0328	0.0328		517.0578	517.0578	9.9100e-003	9.4800e-003	520.1304
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	0.734334	7.9200e-003	0.0720	0.0605	4.3000e-004		5.4700e-003	5.4700e-003		5.4700e-003	5.4700e-003		86.3923	86.3923	1.6600e-003	1.5800e-003	86.9057
Total		**0.0553**	**0.4770**	**0.2328**	**3.0200e-003**		**0.0382**	**0.0382**		**0.0382**	**0.0382**		**603.4501**	**603.4501**	**0.0116**	**0.0111**	**607.0361**

6.0 Area Detail

6.1 Mitigation Measures Area

2065 Kittredge Mixed-Use Project - Alameda County, Summer

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.4454	0.1804	15.6649	8.3000e-004		0.0869	0.0869		0.0869	0.0869	0.0000	28.2347	28.2347	0.0271	0.0000	28.9111
Unmitigated	4.4454	0.1804	15.6649	8.3000e-004		0.0869	0.0869		0.0869	0.0869	0.0000	28.2347	28.2347	0.0271	0.0000	28.9111

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.7394					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2354					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.4706	0.1804	15.6649	8.3000e-004		0.0869	0.0869		0.0869	0.0869		28.2347	28.2347	0.0271		28.9111
Total	**4.4454**	**0.1804**	**15.6649**	**8.3000e-004**		**0.0869**	**0.0869**		**0.0869**	**0.0869**	**0.0000**	**28.2347**	**28.2347**	**0.0271**	**0.0000**	**28.9111**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.7394					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2354					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.4706	0.1804	15.6649	8.3000e-004		0.0869	0.0869		0.0869	0.0869		28.2347	28.2347	0.0271		28.9111
Total	**4.4454**	**0.1804**	**15.6649**	**8.3000e-004**		**0.0869**	**0.0869**		**0.0869**	**0.0869**	**0.0000**	**28.2347**	**28.2347**	**0.0271**	**0.0000**	**28.9111**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2065 Kittredge Mixed-Use Project

Alameda County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	43.00	Space	0.39	17,200.00	0
Fast Food Restaurant w/o Drive Thru	1.60	1000sqft	0.04	1,600.00	0
Apartments Mid Rise	190.00	Dwelling Unit	5.00	149,301.00	543

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	63
Climate Zone	5			**Operational Year**	2025
Utility Company	Pacific Gas and Electric Company				
CO2 Intensity (lb/MWhr)	203.98	**CH4 Intensity (lb/MWhr)**	0.033	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - square footage adjusted

Construction Phase - Applicant provided timeline

Off-road Equipment -

Off-road Equipment -

Off-road Equipment - Default

Off-road Equipment -

Off-road Equipment -

Off-road Equipment -

Trips and VMT - Haul trips for excavation moved to grading phase. All defaults otherwise

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Grading - 12,000 cubic yards for one subterranean level

Woodstoves - Woodstoves and fireplaces not allowed per BAAQMD Rules

Area Coating -

Energy Use - defaults

Mobile Commute Mitigation -

Energy Mitigation -

Demolition - square footage of existing building. All would be demolished

On-road Fugitive Dust -

Architectural Coating -

Vehicle Trips - Differ from traffic study, but land use mitigation accounts for some reductions in trip rate

Water And Wastewater - defaults

Solid Waste - defaults

Mobile Land Use Mitigation - 0.8 acre lot, 190 units

Table Name	Column Name	Default Value	New Value
tblAreaCoating	Area_Nonresidential_Exterior	800	801
tblAreaCoating	Area_Nonresidential_Interior	2400	2402
tblAreaCoating	Area_Residential_Exterior	100778	128250
tblAreaCoating	Area_Residential_Interior	302335	384750
tblConstructionPhase	NumDays	20.00	60.00
tblConstructionPhase	NumDays	10.00	30.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	230.00	375.00
tblConstructionPhase	NumDays	20.00	30.00
tblConstructionPhase	NumDays	20.00	255.00
tblFireplaces	FireplaceDayYear	11.14	0.00
tblFireplaces	FireplaceHourDay	3.50	0.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	28.50	0.00

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

tblFireplaces	NumberNoFireplace	7.60	190.00
tblFireplaces	NumberWood	32.30	0.00
tblFleetMix	HHD	0.01	0.00
tblFleetMix	LDA	0.57	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.18	0.00
tblFleetMix	LHD1	0.02	0.00
tblFleetMix	LHD2	5.2110e-003	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.11	0.00
tblFleetMix	MH	2.4230e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	7.9000e-004	0.00
tblFleetMix	SBUS	3.4300e-004	0.00
tblFleetMix	UBUS	5.6000e-004	0.00
tblGrading	MaterialExported	0.00	12,000.00
tblLandUse	LandUseSquareFeet	190,000.00	149,301.00
tblWoodstoves	NumberCatalytic	3.80	0.00
tblWoodstoves	NumberNoncatalytic	3.80	0.00
tblWoodstoves	WoodstoveDayYear	14.12	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	0.00

2.0 Emissions Summary

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2247	33.1234	21.2174	0.0444	19.8049	1.6134	21.4182	10.1417	1.4843	11.6260	0.0000	4,337.8545	4,337.8545	1.1964	0.0800	4,388.3697
2023	2.7103	27.5595	19.9003	0.0605	19.8049	1.2668	21.0716	10.1417	1.1654	11.3071	0.0000	6,188.6663	6,188.6663	1.1964	0.5108	6,365.8818
2024	8.5941	14.7298	19.6002	0.0408	1.3470	0.6251	1.9722	0.3608	0.5880	0.9488	0.0000	4,004.2807	4,004.2807	0.7169	0.0999	4,050.0192
2025	8.5797	1.1914	2.3974	4.7800e-003	0.2382	0.0526	0.2908	0.0632	0.0525	0.1157	0.0000	469.8739	469.8739	0.0205	5.1400e-003	471.9182
Maximum	**8.5941**	**33.1234**	**21.2174**	**0.0605**	**19.8049**	**1.6134**	**21.4182**	**10.1417**	**1.4843**	**11.6260**	**0.0000**	**6,188.6663**	**6,188.6663**	**1.1964**	**0.5108**	**6,365.8818**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.1 Overall Construction (Maximum Daily Emission)

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2022	3.2247	33.1234	21.2174	0.0444	19.8049	1.6134	21.4182	10.1417	1.4843	11.6260	0.0000	4,337.8545	4,337.8545	1.1964	0.0800	4,388.3697
2023	2.7103	27.5595	19.9003	0.0605	19.8049	1.2668	21.0716	10.1417	1.1654	11.3071	0.0000	6,188.6663	6,188.6663	1.1964	0.5108	6,365.8818
2024	8.5941	14.7298	19.6002	0.0408	1.3470	0.6251	1.9722	0.3608	0.5880	0.9488	0.0000	4,004.2807	4,004.2807	0.7169	0.0999	4,050.0192
2025	8.5797	1.1914	2.3974	4.7800e-003	0.2382	0.0526	0.2908	0.0632	0.0525	0.1157	0.0000	469.8739	469.8739	0.0205	5.1400e-003	471.9182
Maximum	**8.5941**	**33.1234**	**21.2174**	**0.0605**	**19.8049**	**1.6134**	**21.4182**	**10.1417**	**1.4843**	**11.6260**	**0.0000**	**6,188.6663**	**6,188.6663**	**1.1964**	**0.5108**	**6,365.8818**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.4454	0.1804	15.6649	8.3000e-004		0.0869	0.0869		0.0869	0.0869	0.0000	28.2347	28.2347	0.0271	0.0000	28.9111
Energy	0.0553	0.4770	0.2328	3.0200e-003		0.0382	0.0382		0.0382	0.0382		603.4501	603.4501	0.0116	0.0111	607.0361
Mobile	2.2078	2.9150	21.9985	0.0444	8.2882	0.0336	8.3218	2.1393	0.0314	2.1707		4,633.3936	4,633.3936	0.3051	0.2465	4,714.4759
Total	**6.7085**	**3.5724**	**37.8963**	**0.0483**	**8.2882**	**0.1588**	**8.4469**	**2.1393**	**0.1565**	**2.2958**	**0.0000**	**5,265.0784**	**5,265.0784**	**0.3438**	**0.2576**	**5,350.4230**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Area	4.4454	0.1804	15.6649	8.3000e-004		0.0869	0.0869		0.0869	0.0869	0.0000	28.2347	28.2347	0.0271	0.0000	28.9111
Energy	0.0553	0.4770	0.2328	3.0200e-003		0.0382	0.0382		0.0382	0.0382		603.4501	603.4501	0.0116	0.0111	607.0361
Mobile	1.5785	1.5789	12.2507	0.0173	3.0422	0.0148	3.0570	0.7852	0.0138	0.7990		1,803.2895	1,803.2895	0.1981	0.1312	1,847.3418
Total	**6.0792**	**2.2364**	**28.1484**	**0.0211**	**3.0422**	**0.1399**	**3.1821**	**0.7852**	**0.1389**	**0.9242**	**0.0000**	**2,434.9743**	**2,434.9743**	**0.2368**	**0.1423**	**2,483.2890**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**9.38**	**37.40**	**25.72**	**56.22**	**63.29**	**11.85**	**62.33**	**63.29**	**11.23**	**59.75**	**0.00**	**53.75**	**53.75**	**31.12**	**44.76**	**53.59**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	9/1/2022	11/23/2022	5	60	
2	Site Preparation	Site Preparation	11/24/2022	1/4/2023	5	30	
3	Grading	Grading	1/5/2023	2/15/2023	5	30	
4	Building Construction	Building Construction	2/16/2023	7/24/2024	5	375	
5	Paving	Paving	7/25/2024	9/4/2024	5	30	
6	Architectural Coating	Architectural Coating	9/5/2024	8/27/2025	5	255	

Acres of Grading (Site Preparation Phase): 45

Acres of Grading (Grading Phase): 30

Acres of Paving: 0.39

Residential Indoor: 302,335; Residential Outdoor: 100,778; Non-Residential Indoor: 2,400; Non-Residential Outdoor: 800; Striped Parking Area: 1,032 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	97	0.37

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

Grading	Excavators	1	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Tractors/Loaders/Backhoes	3	8.00	97	0.37
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	432.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	6	15.00	0.00	1,500.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	145.00	23.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	29.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5586	0.0000	1.5586	0.2360	0.0000	0.2360			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553		3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**	**1.5586**	**1.2427**	**2.8012**	**0.2360**	**1.1553**	**1.3912**		**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0326	1.2259	0.2502	4.5100e-003	0.1261	0.0111	0.1372	0.0346	0.0106	0.0452		486.0291	486.0291	0.0105	0.0768	509.1669
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0455	0.0333	0.3731	1.0300e-003	0.1232	6.5000e-004	0.1239	0.0327	6.0000e-004	0.0333		105.0442	105.0442	3.5700e-003	3.2800e-003	106.1108
Total	**0.0781**	**1.2591**	**0.6233**	**5.5400e-003**	**0.2493**	**0.0118**	**0.2611**	**0.0673**	**0.0112**	**0.0785**		**591.0733**	**591.0733**	**0.0141**	**0.0800**	**615.2777**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.2 Demolition - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					1.5586	0.0000	1.5586	0.2360	0.0000	0.2360			0.0000			0.0000
Off-Road	2.6392	25.7194	20.5941	0.0388		1.2427	1.2427		1.1553	1.1553	0.0000	3,746.7812	3,746.7812	1.0524		3,773.0920
Total	**2.6392**	**25.7194**	**20.5941**	**0.0388**	**1.5586**	**1.2427**	**2.8012**	**0.2360**	**1.1553**	**1.3912**	**0.0000**	**3,746.7812**	**3,746.7812**	**1.0524**		**3,773.0920**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0326	1.2259	0.2502	4.5100e-003	0.1261	0.0111	0.1372	0.0346	0.0106	0.0452		486.0291	486.0291	0.0105	0.0768	509.1669
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0455	0.0333	0.3731	1.0300e-003	0.1232	6.5000e-004	0.1239	0.0327	6.0000e-004	0.0333		105.0442	105.0442	3.5700e-003	3.2800e-003	106.1108
Total	**0.0781**	**1.2591**	**0.6233**	**5.5400e-003**	**0.2493**	**0.0118**	**0.2611**	**0.0673**	**0.0112**	**0.0785**		**591.0733**	**591.0733**	**0.0141**	**0.0800**	**615.2777**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836		3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**19.6570**	**1.6126**	**21.2696**	**10.1025**	**1.4836**	**11.5860**		**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0546	0.0399	0.4477	1.2400e-003	0.1479	7.8000e-004	0.1487	0.0392	7.2000e-004	0.0399		126.0531	126.0531	4.2800e-003	3.9400e-003	127.3330
Total	**0.0546**	**0.0399**	**0.4477**	**1.2400e-003**	**0.1479**	**7.8000e-004**	**0.1487**	**0.0392**	**7.2000e-004**	**0.0399**		**126.0531**	**126.0531**	**4.2800e-003**	**3.9400e-003**	**127.3330**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2022

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	3.1701	33.0835	19.6978	0.0380		1.6126	1.6126		1.4836	1.4836	0.0000	3,686.0619	3,686.0619	1.1922		3,715.8655
Total	**3.1701**	**33.0835**	**19.6978**	**0.0380**	**19.6570**	**1.6126**	**21.2696**	**10.1025**	**1.4836**	**11.5860**	**0.0000**	**3,686.0619**	**3,686.0619**	**1.1922**		**3,715.8655**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0546	0.0399	0.4477	1.2400e-003	0.1479	7.8000e-004	0.1487	0.0392	7.2000e-004	0.0399		126.0531	126.0531	4.2800e-003	3.9400e-003	127.3330
Total	**0.0546**	**0.0399**	**0.4477**	**1.2400e-003**	**0.1479**	**7.8000e-004**	**0.1487**	**0.0392**	**7.2000e-004**	**0.0399**		**126.0531**	**126.0531**	**4.2800e-003**	**3.9400e-003**	**127.3330**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647		3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**19.6570**	**1.2660**	**20.9230**	**10.1025**	**1.1647**	**11.2672**		**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0509	0.0354	0.4155	1.2000e-003	0.1479	7.4000e-004	0.1486	0.0392	6.8000e-004	0.0399		122.8501	122.8501	3.8800e-003	3.6500e-003	124.0345
Total	**0.0509**	**0.0354**	**0.4155**	**1.2000e-003**	**0.1479**	**7.4000e-004**	**0.1486**	**0.0392**	**6.8000e-004**	**0.0399**		**122.8501**	**122.8501**	**3.8800e-003**	**3.6500e-003**	**124.0345**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.3 Site Preparation - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					19.6570	0.0000	19.6570	10.1025	0.0000	10.1025			0.0000			0.0000
Off-Road	2.6595	27.5242	18.2443	0.0381		1.2660	1.2660		1.1647	1.1647	0.0000	3,687.3081	3,687.3081	1.1926		3,717.1219
Total	**2.6595**	**27.5242**	**18.2443**	**0.0381**	**19.6570**	**1.2660**	**20.9230**	**10.1025**	**1.1647**	**11.2672**	**0.0000**	**3,687.3081**	**3,687.3081**	**1.1926**		**3,717.1219**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0509	0.0354	0.4155	1.2000e-003	0.1479	7.4000e-004	0.1486	0.0392	6.8000e-004	0.0399		122.8501	122.8501	3.8800e-003	3.6500e-003	124.0345
Total	**0.0509**	**0.0354**	**0.4155**	**1.2000e-003**	**0.1479**	**7.4000e-004**	**0.1486**	**0.0392**	**6.8000e-004**	**0.0399**		**122.8501**	**122.8501**	**3.8800e-003**	**3.6500e-003**	**124.0345**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.1278	0.0000	7.1278	3.4316	0.0000	3.4316			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129		2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**7.1278**	**0.7749**	**7.9027**	**3.4316**	**0.7129**	**4.1445**		**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0991	6.7004	1.5037	0.0298	0.8758	0.0560	0.9318	0.2402	0.0536	0.2938		3,213.6002	3,213.6002	0.0679	0.5077	3,366.6016
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0424	0.0295	0.3462	1.0000e-003	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		102.3751	102.3751	3.2300e-003	3.0400e-003	103.3621
Total	**0.1415**	**6.7299**	**1.8499**	**0.0308**	**0.9990**	**0.0567**	**1.0557**	**0.2729**	**0.0542**	**0.3270**		**3,315.9753**	**3,315.9753**	**0.0711**	**0.5108**	**3,469.9637**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.4 Grading - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.1278	0.0000	7.1278	3.4316	0.0000	3.4316			0.0000			0.0000
Off-Road	1.7109	17.9359	14.7507	0.0297		0.7749	0.7749		0.7129	0.7129	0.0000	2,872.6910	2,872.6910	0.9291		2,895.9182
Total	**1.7109**	**17.9359**	**14.7507**	**0.0297**	**7.1278**	**0.7749**	**7.9027**	**3.4316**	**0.7129**	**4.1445**	**0.0000**	**2,872.6910**	**2,872.6910**	**0.9291**		**2,895.9182**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0991	6.7004	1.5037	0.0298	0.8758	0.0560	0.9318	0.2402	0.0536	0.2938		3,213.6002	3,213.6002	0.0679	0.5077	3,366.6016
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0424	0.0295	0.3462	1.0000e-003	0.1232	6.2000e-004	0.1238	0.0327	5.7000e-004	0.0333		102.3751	102.3751	3.2300e-003	3.0400e-003	103.3621
Total	**0.1415**	**6.7299**	**1.8499**	**0.0308**	**0.9990**	**0.0567**	**1.0557**	**0.2729**	**0.0542**	**0.3270**		**3,315.9753**	**3,315.9753**	**0.0711**	**0.5108**	**3,469.9637**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0227	1.0276	0.3095	4.6000e-003	0.1559	6.0800e-003	0.1620	0.0449	5.8200e-003	0.0507		490.9170	490.9170	6.6400e-003	0.0735	512.9965
Worker	0.4099	0.2849	3.3468	9.6700e-003	1.1911	5.9700e-003	1.1971	0.3160	5.5000e-003	0.3215		989.6259	989.6259	0.0312	0.0294	999.1669
Total	**0.4326**	**1.3125**	**3.6563**	**0.0143**	**1.3470**	**0.0121**	**1.3591**	**0.3608**	**0.0113**	**0.3722**		**1,480.5429**	**1,480.5429**	**0.0379**	**0.1029**	**1,512.1634**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2023

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0227	1.0276	0.3095	4.6000e-003	0.1559	6.0800e-003	0.1620	0.0449	5.8200e-003	0.0507		490.9170	490.9170	6.6400e-003	0.0735	512.9965
Worker	0.4099	0.2849	3.3468	9.6700e-003	1.1911	5.9700e-003	1.1971	0.3160	5.5000e-003	0.3215		989.6259	989.6259	0.0312	0.0294	999.1669
Total	**0.4326**	**1.3125**	**3.6563**	**0.0143**	**1.3470**	**0.0121**	**1.3591**	**0.3608**	**0.0113**	**0.3722**		**1,480.5429**	**1,480.5429**	**0.0379**	**0.1029**	**1,512.1634**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769		2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**		**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0221	1.0316	0.3037	4.5300e-003	0.1559	6.1400e-003	0.1620	0.0449	5.8700e-003	0.0508		483.3486	483.3486	6.6300e-003	0.0724	505.1025
Worker	0.3836	0.2544	3.1297	9.3600e-003	1.1911	5.6900e-003	1.1968	0.3160	5.2400e-003	0.3212		965.2333	965.2333	0.0284	0.0274	974.1090
Total	**0.4058**	**1.2860**	**3.4334**	**0.0139**	**1.3470**	**0.0118**	**1.3589**	**0.3608**	**0.0111**	**0.3719**		**1,448.5818**	**1,448.5818**	**0.0350**	**0.0999**	**1,479.2115**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.5 Building Construction - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.4716	13.4438	16.1668	0.0270		0.6133	0.6133		0.5769	0.5769	0.0000	2,555.6989	2,555.6989	0.6044		2,570.8077
Total	**1.4716**	**13.4438**	**16.1668**	**0.0270**		**0.6133**	**0.6133**		**0.5769**	**0.5769**	**0.0000**	**2,555.6989**	**2,555.6989**	**0.6044**		**2,570.8077**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0221	1.0316	0.3037	4.5300e-003	0.1559	6.1400e-003	0.1620	0.0449	5.8700e-003	0.0508		483.3486	483.3486	6.6300e-003	0.0724	505.1025
Worker	0.3836	0.2544	3.1297	9.3600e-003	1.1911	5.6900e-003	1.1968	0.3160	5.2400e-003	0.3212		965.2333	965.2333	0.0284	0.0274	974.1090
Total	**0.4058**	**1.2860**	**3.4334**	**0.0139**	**1.3470**	**0.0118**	**1.3589**	**0.3608**	**0.0111**	**0.3719**		**1,448.5818**	**1,448.5818**	**0.0350**	**0.0999**	**1,479.2115**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310		2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**		**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0397	0.0263	0.3238	9.7000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		99.8517	99.8517	2.9300e-003	2.8400e-003	100.7699
Total	**0.0397**	**0.0263**	**0.3238**	**9.7000e-004**	**0.1232**	**5.9000e-004**	**0.1238**	**0.0327**	**5.4000e-004**	**0.0332**		**99.8517**	**99.8517**	**2.9300e-003**	**2.8400e-003**	**100.7699**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.6 Paving - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.9882	9.5246	14.6258	0.0228		0.4685	0.4685		0.4310	0.4310	0.0000	2,207.5472	2,207.5472	0.7140		2,225.3963
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.9882**	**9.5246**	**14.6258**	**0.0228**		**0.4685**	**0.4685**		**0.4310**	**0.4310**	**0.0000**	**2,207.5472**	**2,207.5472**	**0.7140**		**2,225.3963**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0397	0.0263	0.3238	9.7000e-004	0.1232	5.9000e-004	0.1238	0.0327	5.4000e-004	0.0332		99.8517	99.8517	2.9300e-003	2.8400e-003	100.7699
Total	**0.0397**	**0.0263**	**0.3238**	**9.7000e-004**	**0.1232**	**5.9000e-004**	**0.1238**	**0.0327**	**5.4000e-004**	**0.0332**		**99.8517**	**99.8517**	**2.9300e-003**	**2.8400e-003**	**100.7699**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.3366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609		281.4481	281.4481	0.0159		281.8443
Total	**8.5174**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**		**281.4481**	**281.4481**	**0.0159**		**281.8443**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0767	0.0509	0.6259	1.8700e-003	0.2382	1.1400e-003	0.2394	0.0632	1.0500e-003	0.0642		193.0467	193.0467	5.6700e-003	5.4800e-003	194.8218
Total	**0.0767**	**0.0509**	**0.6259**	**1.8700e-003**	**0.2382**	**1.1400e-003**	**0.2394**	**0.0632**	**1.0500e-003**	**0.0642**		**193.0467**	**193.0467**	**5.6700e-003**	**5.4800e-003**	**194.8218**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2024

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.3366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1808	1.2188	1.8101	2.9700e-003		0.0609	0.0609		0.0609	0.0609	0.0000	281.4481	281.4481	0.0159		281.8443
Total	**8.5174**	**1.2188**	**1.8101**	**2.9700e-003**		**0.0609**	**0.0609**		**0.0609**	**0.0609**	**0.0000**	**281.4481**	**281.4481**	**0.0159**		**281.8443**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0767	0.0509	0.6259	1.8700e-003	0.2382	1.1400e-003	0.2394	0.0632	1.0500e-003	0.0642		193.0467	193.0467	5.6700e-003	5.4800e-003	194.8218
Total	**0.0767**	**0.0509**	**0.6259**	**1.8700e-003**	**0.2382**	**1.1400e-003**	**0.2394**	**0.0632**	**1.0500e-003**	**0.0642**		**193.0467**	**193.0467**	**5.6700e-003**	**5.4800e-003**	**194.8218**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.3366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515		281.4481	281.4481	0.0154		281.8319
Total	**8.5075**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**		**281.4481**	**281.4481**	**0.0154**		**281.8319**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0722	0.0459	0.5883	1.8100e-003	0.2382	1.0900e-003	0.2393	0.0632	1.0000e-003	0.0642		188.4258	188.4258	5.1600e-003	5.1400e-003	190.0863
Total	**0.0722**	**0.0459**	**0.5883**	**1.8100e-003**	**0.2382**	**1.0900e-003**	**0.2393**	**0.0632**	**1.0000e-003**	**0.0642**		**188.4258**	**188.4258**	**5.1600e-003**	**5.1400e-003**	**190.0863**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

3.7 Architectural Coating - 2025

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	8.3366					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1709	1.1455	1.8091	2.9700e-003		0.0515	0.0515		0.0515	0.0515	0.0000	281.4481	281.4481	0.0154		281.8319
Total	**8.5075**	**1.1455**	**1.8091**	**2.9700e-003**		**0.0515**	**0.0515**		**0.0515**	**0.0515**	**0.0000**	**281.4481**	**281.4481**	**0.0154**		**281.8319**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0722	0.0459	0.5883	1.8100e-003	0.2382	1.0900e-003	0.2393	0.0632	1.0000e-003	0.0642		188.4258	188.4258	5.1600e-003	5.1400e-003	190.0863
Total	**0.0722**	**0.0459**	**0.5883**	**1.8100e-003**	**0.2382**	**1.0900e-003**	**0.2393**	**0.0632**	**1.0000e-003**	**0.0642**		**188.4258**	**188.4258**	**5.1600e-003**	**5.1400e-003**	**190.0863**

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Increase Density

Increase Diversity

Improve Walkability Design

Improve Destination Accessibility

Integrate Below Market Rate Housing

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	1.5785	1.5789	12.2507	0.0173	3.0422	0.0148	3.0570	0.7852	0.0138	0.7990		1,803.2895	1,803.2895	0.1981	0.1312	1,847.3418
Unmitigated	2.2078	2.9150	21.9985	0.0444	8.2882	0.0336	8.3218	2.1393	0.0314	2.1707		4,633.3936	4,633.3936	0.3051	0.2465	4,714.4759

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,033.60	932.90	777.10	2,269,354	832,971
Enclosed Parking with Elevator	0.00	0.00	0.00		
Fast Food Restaurant w/o Drive Thru	553.97	1,113.60	800.00	1,078,910	396,016
Total	1,587.57	2,046.50	1,577.10	3,348,264	1,228,987

4.3 Trip Type Information

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	Miles			Trip %			Trip Purpose %		
Land Use	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Apartments Mid Rise	10.80	4.80	5.70	31.00	15.00	54.00	86	11	3
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
Fast Food Restaurant w/o Drive	9.50	7.30	7.30	1.50	79.50	19.00	51	37	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Apartments Mid Rise	0.570753	0.056481	0.179220	0.111941	0.020784	0.005211	0.013984	0.013033	0.000790	0.000560	0.024477	0.000343	0.002423
Enclosed Parking with Elevator	0.570753	0.056481	0.179220	0.111941	0.020784	0.005211	0.013984	0.013033	0.000790	0.000560	0.024477	0.000343	0.002423
Fast Food Restaurant w/o Drive Thru	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0553	0.4770	0.2328	3.0200e-003		0.0382	0.0382		0.0382	0.0382		603.4501	603.4501	0.0116	0.0111	607.0361
NaturalGas Unmitigated	0.0553	0.4770	0.2328	3.0200e-003		0.0382	0.0382		0.0382	0.0382		603.4501	603.4501	0.0116	0.0111	607.0361

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	4394.99	0.0474	0.4050	0.1724	2.5900e-003		0.0328	0.0328		0.0328	0.0328		517.0578	517.0578	9.9100e-003	9.4800e-003	520.1304
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	734.334	7.9200e-003	0.0720	0.0605	4.3000e-004		5.4700e-003	5.4700e-003		5.4700e-003	5.4700e-003		86.3923	86.3923	1.6600e-003	1.5800e-003	86.9057
Total		**0.0553**	**0.4770**	**0.2328**	**3.0200e-003**		**0.0382**	**0.0382**		**0.0382**	**0.0382**		**603.4501**	**603.4501**	**0.0116**	**0.0111**	**607.0361**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	4.39499	0.0474	0.4050	0.1724	2.5900e-003		0.0328	0.0328		0.0328	0.0328		517.0578	517.0578	9.9100e-003	9.4800e-003	520.1304
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
Fast Food Restaurant w/o Drive Thru	0.734334	7.9200e-003	0.0720	0.0605	4.3000e-004		5.4700e-003	5.4700e-003		5.4700e-003	5.4700e-003		86.3923	86.3923	1.6600e-003	1.5800e-003	86.9057
Total		**0.0553**	**0.4770**	**0.2328**	**3.0200e-003**		**0.0382**	**0.0382**		**0.0382**	**0.0382**		**603.4501**	**603.4501**	**0.0116**	**0.0111**	**607.0361**

6.0 Area Detail

6.1 Mitigation Measures Area

2065 Kittredge Mixed-Use Project - Alameda County, Winter

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	4.4454	0.1804	15.6649	8.3000e-004		0.0869	0.0869		0.0869	0.0869	0.0000	28.2347	28.2347	0.0271	0.0000	28.9111
Unmitigated	4.4454	0.1804	15.6649	8.3000e-004		0.0869	0.0869		0.0869	0.0869	0.0000	28.2347	28.2347	0.0271	0.0000	28.9111

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.7394					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2354					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.4706	0.1804	15.6649	8.3000e-004		0.0869	0.0869		0.0869	0.0869		28.2347	28.2347	0.0271		28.9111
Total	**4.4454**	**0.1804**	**15.6649**	**8.3000e-004**		**0.0869**	**0.0869**		**0.0869**	**0.0869**	**0.0000**	**28.2347**	**28.2347**	**0.0271**	**0.0000**	**28.9111**

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.7394					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	3.2354					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	0.4706	0.1804	15.6649	8.3000e-004		0.0869	0.0869		0.0869	0.0869		28.2347	28.2347	0.0271		28.9111
Total	**4.4454**	**0.1804**	**15.6649**	**8.3000e-004**		**0.0869**	**0.0869**		**0.0869**	**0.0869**	**0.0000**	**28.2347**	**28.2347**	**0.0271**	**0.0000**	**28.9111**

7.0 Water Detail

7.1 Mitigation Measures Water

Apply Water Conservation Strategy

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Applied

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Appendix C

Cultural Resources Technical Memorandum

Rincon Consultants, Inc.

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July 19, 2022
Project No: 21-12367

Sharon Gong, Principal Planner
City of Berkeley
1947 Center Street, 2nd Floor
Berkeley, California 94704
Via Email: SGong@cityofberkeley.info

Subject: Cultural Resources Memorandum – 2065 Kittredge Street Mixed-Use Project – Revised

Dear Ms. Gong:

Rincon Consultants, Inc. (Rincon) was retained to prepare a memorandum to establish the updated conditions for cultural resources and identify any potential new impacts or increased magnitude of impacts for the proposed 2065 Kittredge Street Mixed Use Project. These efforts have been completed in support of an addendum to the previously certified *2211 Harold Way Mixed-Use Project Final Environmental Impact Report (Final EIR)* (State Clearinghouse #2014052063) for the 2211 Harold Way Mixed-Use Project, hereinafter referred to as "the original project." The 2065 Kittredge Street Residential Project (hereinafter referred to as "the modified project") would involve changes to the previously approved original project considered under the Final EIR. Therefore, some modifications and additions are necessary to the previously certified Final EIR for the original project.

The current memorandum was prepared to establish the updated existing conditions for cultural resources and to determine if there are any new or increased impacts to cultural resources beyond those identified in the 2015 Final EIR. Methods for the current assessment included a review of previous documentation, including the Historical Resources Technical Report prepared by Architectural Resources Group in September 2014, the revised project plans, and relevant historic documentation and preparation of this memorandum to present the results.

Rincon Architectural Historian JulieAnn Murphy, MS, managed this assessment, conducted a site visit, and assessed the potential impacts of the revised project to the historical resource with oversight from Senior Architectural Historian Steven Treffers, MHP. Andrew Pulcheon, MA, RPA provided additional oversight. Rincon Principal Shannon Carmack reviewed this assessment for quality control. All contributors to this assessment meet the Secretary of the Interior's *Professional Qualifications Standards* in their respective fields (36 CFR Part 61).

Project Description and Background

The modified project is a proposed mixed-use development in Downtown Berkeley. The modified project's primary street frontage would be along Harold Way, although it would also front on portions of Allston Way and Kittredge Street. Similar to the original project, the existing structures on the site would be altered or demolished to accommodate the modified project, as detailed in the Final EIR for the original project (hereby incorporated by reference).

The modified project would alter some components of the original project, including a reduction in the building height, number of proposed residential units, the amount of commercial/retail space, and the number of parking spaces; demolition of the existing movie theater, rather than retaining/modifying it; and changes in the architectural design. These modifications are described in more detail below. The proposed modifications would not substantially expand, intensify, or change the use of the proposed building, and the modified project would continue to comply with the Berkeley Municipal Code. The proposed modifications would result in a smaller and less intensive mixed-use project than the original project.

Site preparation, construction procedures, and proposed utility connections would remain similar to the original project. However, subsurface work would be significantly reduced under the modified project due to the reduction in subterranean levels from three to one. Nearby historic buildings and existing building foundations would not be additionally impacted by construction of the modified project.

The modified project's applicant would comply with the City's Housing Mitigation Fee Ordinance by restricting rental rates according to the California State Density Bonus law. The project would include nine very low income units in order to qualify for density bonus units, as well as one incentive/concession and waivers (for height, setbacks, encroachments, and open space) under the State Density Bonus Law (Government Code section 65915). The proposed level of affordability is at 5 percent of the base project (168 units) at very low-income levels. The number of very low-income units would be nine units and these units would be of comparable size, and would contain, on average, the same number of bedrooms, and have comparable appearance, materials and finish quality as the market rate units in the project. These units would also have access to the same common areas and amenities as the market rate units. The 20 percent density bonus would allow for up to 34 additional units, but only 22 of those bonus units are included in the project for a final total of 190 units.

Both the original and modified project involve changes to the Shattuck Hotel, which was previously determined eligible for inclusion in the National Register of Historic Places (NRHP) and the California Register of Historical Resources (CRHR) by the City of Berkeley as part of the Final EIR for the original project. Shattuck Hotel is also listed as a City of Berkeley Landmark (Landmark #70). As a result of its eligibility for the NRHP, designation in the CRHR, and status as a City of Berkeley Landmark, the building is a qualifying historical resource pursuant to the California Environmental Quality Act (CEQA) as defined by Section 15064.5 of the CEQA Guidelines.

Methods and Findings

Cultural Resources Records Search

To identify previously conducted cultural resources studies and previously recorded cultural resources within the project site and a 0.5-mile radius, Rincon performed a search of the California Historic Resource Inventory System (CHRIS) at the Northwest Information Center (NWIC) at Sonoma State University on March 2, 2022. The CHRIS records search also included a review of the National Register of Historic Places (NRHP), the California Register of Historical Resources (CRHR), the California Points of Historical Interest list, the California Historical Landmarks list, the Archaeological Determinations of Eligibility list, and the California Built Environment Resource Directory (BERD).

The NWIC records search identified 31 previous studies within a 0.5-mile radius of the project site. Two of the reports were located within the project site. The NWIC records search identified 100 previously

recorded cultural resources within a 0.5-mile radius of the project site, most of which consist of historic age buildings. It also identified five prehistoric sites, none of which were within or immediately adjacent to the project site. Of 100 resources identified within the 0.5-mile radius, only one was located within the project site – the Shattuck Hotel. The BERD did not identify any additional previously recorded cultural resources within or adjacent to the project site. A detailed summary of the results of the CHRIS search is included in the Attachment A.

Sacred Lands File Search

Rincon contacted the Native American Heritage Commission (NAHC) on February 23, 2022 to request a search of the Sacred Lands File (SLF), as well a contact list of Native Americans culturally affiliated with the project site vicinity at the NAHC (Attachment B). On April 5, 2022, the NAHC responded to Rincon's SLF request, stating results of the SLF were positive, indicating the presence of cultural resources known to the NAHC within the United States Geological Survey (USGS) *Oakland West* Quadrangle, within which the project site is also located. USGS quadrangles cover an area of approximately 50 to 70 square miles and the NAHC does not provide specific locations of cultural resources as part of the SLF search. Therefore, a positive SLF search alone does not indicate the presence of cultural resources within the project site or its immediate vicinity

Built Environment Site Visit

On March 16, 2022, Rincon Architectural Historian JulieAnn Murphy conducted a site visit of the project site. Ms. Murphy completed a visual inspection of all built environment features on the project site to assess their overall condition and integrity, and to identify and document any changes to the building since it was last recorded. This site visit was performed in accordance with the guidelines of the California Office of Historic Preservation, which states that information about historical resources should be regularly updated to ensure its accuracy. The project site was recorded on California Department Parks and Recreation (DPR) 523 series forms, which are included as an attachment (Attachment C).

Since the property was last evaluated in 2015, there have been no visible alterations and there is no evidence to suggest that it would no longer be eligible for federal, state, or local designation. In concurrence with the previous evaluations, this study recommends the Shattuck Hotel remains eligible for listing in the NRHP, CRHR, and for local designation as a City of Berkeley Landmark. Rincon similarly concurs with the 2014 Architectural Resources Group determination that the 1959 Hink's Building, occupying the corner of Allston and Harold Ways is a non-contributing element of the historical resource.

Project Impacts Analysis

CEQA Section 21084.1 requires a lead agency determine whether a project may have a significant effect on the environment, which includes historical resources. Impacts to a historical resource occurs when there is a substantial adverse change in the significance of a resource such that it is materially impaired. Material impairment is defined as demolition or alteration "in an adverse manner [of] those characteristics of an historical resource that convey its historical significance and that justify its inclusion

in, or eligibility for inclusion in, the [CRHR]."[1] Under Section 10564.5(b)(3) of the CEQA Guidelines, a project that is found to conform with the Secretary of the Interior's Standards for Rehabilitation is generally found to not result in significant impacts to historic resources under CEQA.

Impacts of the Original Project

As discussed under Impact CR-1 of Section 4.1.2(b), *Cultural Resources*, of the Final EIR, the original project would demolish the 1959 Hink's Building, demolish the 1926 addition to the Shattuck Hotel, partially remove the 1913 addition to the Hotel, and remodel existing retail spaces at the northwest corner of Kittredge Street and Shattuck Avenue. The 1959 Hink's Building was determined not to be historically significant; therefore, its demolition would not be a significant historical resource impact. Shattuck Hotel is a historical resource; therefore, its demolition and partial removal would result in a significant impact. Mitigation Measures CR-1(a) through CR-1(d) would require documentation, salvage, and on-site interpretation of the Shattuck Hotel, as well as contribution to the Historic Preservation Fund. Even with implementation of these mitigation measures, impacts would remain significant and unavoidable.

Impact CR-2 of the Final EIR states the original project includes design elements intended to enhance the compatibility with nearby historic resources, despite the difference in height between the proposed building and existing buildings. However, the original project was not entirely consistent with the Downtown Berkeley Design Guidelines and did not meet the Secretary of the Interior's Standards and impacts would be potentially significant. Mitigation Measures CR-2(a) through CR-2(c) required final design revisions to reduce impacts to a less than significant level.

Impact CR-3 of the Final EIR describes the original project's obstruction of views of the San Francisco Bay from the UC Berkeley Campanile. However, the original project would not entirely block the existing view, and given the changes in Berkeley's skyline with increased development and landscape growth, the original project would not result in a substantial adverse change and impacts would be less than significant.

Impact CR-4 of the Final EIR states construction of the original project could produce ground vibration or soil movement at the foundation of nearby historic resources, which could affect those resources' structural stability. Mitigation Measures CR-4(a) through CR-4(c) require a foundations investigation, construction monitoring, and a worker training program. These measures would be sufficient to reduce impacts to less than significant.

As discussed under Section V (b-d), *Cultural Resources*, of the IEC, no archaeological or paleontological resources are known to exist in the project area. However, excavation related to the proposed basement could uncover previously unknown archaeological resources, paleontological resources, or human remains. DAP EIR Mitigation Measures CUL-3 through CUL-5 would apply to the original project and reduce impacts to less than significant.

As a result of its eligibility for the NRHP, designation in the CRHR, and status as a City of Berkeley Landmark, the Shattuck Hotel is a qualifying historical resource pursuant to the California Environmental Quality Act (CEQA) as defined by Section 15064.5 of the CEQA Guidelines. As described above, the 1959

[1] CEQA Guidelines Section 15064.5[b][2][A].

Hink's Building is not a contributing element to the Shattuck Hotel and is therefore not a historical resource for the purposes of CEQA.

Impacts of the Modified Project

Impact CR-1

The Shattuck Hotel remains eligible for listing in the NRHP and continues to be designed in the CRHR and as a City of Berkeley Landmark; is a qualifying historical resource pursuant to the California Environmental Quality Act (CEQA) as defined by Section 15064.5 of the CEQA Guidelines. The modified project, similar to the original project, includes the demolition of the 1926 addition and the partial demolition of the 1913 addition of the Shattuck Hotel, both of which are contributing elements of the historical resource. The proposed demolition would result in a substantial adverse change in the significance of a resource such that it is materially impaired. Material impairment is defined as demolition or alteration "in an adverse manner [of] those characteristics of an historical resource that convey its historical significance and that justify its inclusion in, or eligibility for inclusion in, the [CRHR]."[2] The proposed treatment would not result in any new or increased impacts and would continue to be significant and unavoidable. Mitigation Measures CR-1(a) through CR-1(d) would continue to apply to the modified project and impacts would be significant and unavoidable even with their adoption.

Impact CR-2

Similar to the design of the original project, the proposed design of the modified project would be kept visually and physically separate from the Shattuck Hotel and would be consistent with the Downtown Berkeley Design Guidelines and the Secretary of the Interior's Standards for Rehabilitation. Furthermore, the existing alley would continue to be retained, and the new construction would be separated from the Shattuck Hotel by a two-story hyphen. These elements would all continue to distinguish the new construction from the historic building.

The overall project height has been reduced from 19 stories to 9 stories, and the modified project is more aligned with the massing and scale of surrounding historic buildings, including the Shattuck Hotel, and it is more successful at meeting the Downtown Design Guidelines including the following:

- *Respect the height of neighboring buildings, and provide a sense of continuity and enclosure which avoids abrupt changes in height.*
- *New buildings should step down to respect the height of existing residential buildings where they are on parcels with a residential zoning designation.*

Additionally, the proposed new design incorporates strategies to break up the massing with varied rooflines and materials to prevent the new construction from presenting a massive appearance.

The redesigned Allston Way elevation more closely complies with following the Downtown Berkeley Design Guidelines:

[2] CEQA Guidelines Section 15064.5[b][2][A].

- *Reflect and reinforce the scale, massing, proportions, rhythm and attention to detailing which are established by the facades of Landmark and Significant buildings*
- *Incorporate elements which break up façade planes and create a visual play of light and shadow. Avoid long, uninterrupted horizontal surfaces. Consider the use of bay windows, balconies and architectural projections*
- *Vertical divisions of ground and upper floors should be consistent. Generally maintain a cornice that projects horizontally between the ground floor (and its mezzanines) and upper stories. Align the cornice and other horizontal ground floor elements (like awnings and sign bands) with similar features on neighboring buildings and storefronts, if feasible*

The Allston Way elevation exterior as redesigned in the modified project more closely meets the requirements of the Downtown Berkeley Design Guidelines and includes a mix of elevation materials, like different color stucco and cement fiber board on upper stories, thereby reinforcing the massing, proportions, and rhythm of facades of Landmark and Significant buildings. The new design avoids large façade planes through the use of different materials and architectural projections, including a projection of the second floor level above the double-height street level. The modified design has been substantially updated from the original design and Mitigation Measure CR-2 (a) is no longer applicable. The projection above the street level entry aligns with the cornice of the neighboring 1912 portion of the existing Shattuck Hotel, but does not include a cornice element or belt course as directed in Mitigation Measure CR-2 (a). Nonetheless, the revised streetscape design further reinforces the harmony in scale between the proposed new building and the Shattuck Hotel, and is more successful in meeting the Downtown Berkeley Design Guidelines.

The Kittredge Street elevation design, as provided in Mitigation Measure CR-2 (b), has been updated to be more consistent with the following Downtown Berkeley Design Guidelines:

- *Articulate side and rear facades in a manner compatible with the design of the front façade. Avoid large blank wall surfaces on side and rear facades which are visible from public areas. In these locations, display windows, store entrances, and upper windows are encouraged. When this is not feasible, consider the use of ornament, murals, or landscaping along large blank walls.*

In response to Mitigation Measure CR-2 (b), the modified project design significantly reduces both the length and height the “hyphen” that separates the Shattuck Hotel from the proposed new construction, thereby avoiding a large blank wall surface. In lieu of a prominent two-story blank wall, the modified project design will include a double-volume, one-story hyphen with a stucco exterior finish. The hyphen would be slightly recessed from the elevation of the existing Shattuck Hotel and the adjoining proposed new construction. The recessed entry would include a paired metal door to provide access to an egress and service corridor for the retail spaces within the Shattuck Hotel and continue toward the Allston Way elevation, providing alley access beyond. The hyphen would separate the Shattuck Hotel from the new construction and reduce the extent of direct contact between the new construction and the adjacent hotel and would effectively distinguish the new construction from the historic building. The modified project design is consistent with the Downtown Berkeley Design Guidelines as it avoids a large blank wall surface and includes a perforation, provided in its paired entry door. Its proposed recessed entry further articulates the elevation in a way that maintains the active street frontage of the Shattuck Avenue Commercial Corridor. Therefore, Mitigation Measure CR-2 (b) is no longer applicable.

The revised modified project design, as suggested in Mitigation Measure CR-2 (c), has removed the large-scale use of glazed aluminum window systems and Mitigation Measure CR-2 (c) no longer applies. The original design was not consistent with the following Downtown Berkeley Design Guidelines:

- *The facades of Downtown's historic buildings are comprised of load-bearing walls and frames, the limits of which give similar scale and expression. Maintain the typical rhythm of structural bays and enframed storefronts of 15-30 feet spacing at ground level, in order to enhance visual continuity with existing buildings and pedestrian scale. Curtain walls, if used, should be designed with rhythm, patterns and modulation to be visually interesting*
- *Windows should comprise 25-50% of upper facades visible from public areas, and should reflect the rhythm, scale, proportion, and detailing of upper windows of Landmark and Significant buildings*
- *Frame windows and use light shelves and other articulation to emulate the rhythm, scale, and reveal (shadow) of traditional buildings*

The proposed modified project design uses a variety of sash windows, and largely mimics the rhythm of load-bearing walls and frames of the Downtown's historic buildings. The storefront systems have also been updated to reflect the fenestration of the historic street-level using structural bays and enframed storefronts along Kittredge Street. The use of punched openings in favor of curtain wall glazing in the proposed new design reduces the number of windows on upper floors and will be consistent with the Downton Berkeley Design Guidelines. The proposed new window design does not use light shelves, as proposed in the Design Guidelines, but does use a variety of window sizes, shapes, and configurations to successfully articulate the rhythm, scale, and reveal of traditional buildings.

Additionally, Policy LU-4.2 in the Downtown Area Plan, stipulates that "[t]he size and placement of new buildings should: reduce street level shadow, view, and wind impacts to acceptable levels; and maintain compatible relationships with historic resources (such as streetwall continuity in commercial areas)."

As detailed above, the modified project design includes many new design elements which have reduced potentially significant impacts; as such, Mitigation Measures CR-2(a) through CR-2(c) are no longer required.

Impact CR-3

As discussed under Impact CR-3 of Section 4.1.2(b), *Cultural Resources*, of the Final EIR, the original design was found to partially obscure potentially historic views of the San Francisco Bay and Golden Gate from the base of UC Berkeley's Campanile, but would not significantly impair the view and would result in less than significant impacts. The proposed new design is reduced in height and scale. As a result, there would be no new or increased impacts and would continue to result in less than significant impacts to historic features of the UC Berkeley Campus.

Impact CR-4

As described under Impact CR-4 of Section 4.1.2(b), *Cultural Resources*, of the Final EIR, the construction activities associated with the demolition of the 1959 Hink's Building, the 1926 Shattuck Hotel, and partial removal of the 1913 addition to the Shattuck Hotel would result in significant but mitigatable impacts because of potential ground vibration or soil movement under existing foundation of nearby historical resources, compromising the historic building's structural stability. While there would be less excavation under the modified project because the second and third basement levels have been removed, the modified project would continue to include the removal of building elements and would

also include construction of one basement level. As a result, there would be no new or increased impacts and impacts would continue to be potentially significant. Implementation of Mitigation Measures CR-4(a) through CR-4(c) continue to apply and would reduce the project's impacts to historic structures in the vicinity of the project site to a less than significant level.

Archaeological Resources

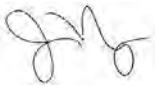
The Initial Study prepared for the original project determined it would not have adverse effects regarding archaeological resources, paleontological resources, or human remains that were not already adequately addressed in the Downtown Aera Plan (DAP) EIR. On April 5, 2022, the NAHC responded to Rincon's SLF request, stating results of the SLF were positive, indicating the presence of cultural resources known to the NAHC within the United States Geological Survey (USGS) *Oakland West* Quadrangle, within which the project site is also located. USGS quadrangles cover an area of approximately 50 to 70 square miles and the NAHC does not provide specific locations of cultural resources as part of the SLF search. Therefore, a positive SLF search alone does not indicate the presence of cultural resources within the project site or its immediate vicinity. The CHRIS search did not identify any new recorded archaeological resources and no archaeological resources are known to exist in the project area. However, excavation related to the proposed basement and parking structure could uncover previously unknown archaeological resources, or human remains. The modified project would not result in new or increased impacts, and DAP EIR Mitigation Measures CUL-3 through CUL-5 would apply to the modified project and reduce impacts to less than significant.

Conclusions

The current analysis confirmed there is no new information of substantial importance relating to the existing cultural resources conditions of the project site. The Shattuck Hotel remains eligible for listing NRHP, CRHR, and local designation as a City of Berkeley Landmark and as a historical resource pursuant to the CEQA Guidelines and there are no known archaeological resources within or adjacent to the project site. The modified project would alter some components of the original project, as described, including a reduction in the building height, number of proposed residential units, the amount of commercial/retail space, and the number of parking spaces, and changes in the architectural design. The proposed new design, however, would not result in new or increased impacts and the mitigation measures provided in the certified 2015 EIR that still apply remain accurate and adequate.

Sincerely,

Rincon Consultants, Inc.



JulieAnn Murphy
Architectural Historian Project Manager

Andrew Pulcheon, RPA, AICP, CEP
Principal

Attachment A: CHRIS Search Results
Attachment B: SLF Request and Results
Attachment C: California 523 DPR Form

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-000445	Submitter - ARS 76-73	1977	Katherine Flynn	Preliminary Archaeological Reconnaissance of 5 proposed locations for the new Engineering Building, University of California, Berkeley - ARS 76-73 (letter report)	Archaeological Resource Service	
S-000779	Voided - S-12958	1977	David Chavez	Preliminary Cultural Resources Assessment of the East Bay Municipal Utility District (EBMUD) Wet Weather Facilities/Overflow Project Facilities Sites, Alameda and Contra Costa Counties, California		01-000082, 01-000086, 01-000087, 01-000088, 01-000089, 01-000090, 01-000097, 01-000098, 01-000099, 01-000233, 01-010839, 07-000046, 07-000178, 07-000179, 07-000180
S-000779a		1979	David Chavez	Supplement to Preliminary Cultural Resources Assessment of the East Bay Municipal Utility District (EBMUD) Wet Water Facilities/Overflow Project Facilities Sites, Alameda County, California		
S-005625	Submitter - ARS 82-39	1982	William Roop	Archaeological Reconnaissance of the Proposed Biological Sciences Construction and Alterations Project, University of California at Berkeley (letter report)	Archaeological Resource Service	
S-024284		2001	Chris Jensen and Lorna Billat	Proposed Cellular Facility (Nextel Site Number: CA-067G/South Berkeley) in Downtown Berkeley, California (letter report)	EarthTouch, LLC	01-005706
S-026399		2002	Carolyn Losee	Cultural Resources Analysis for Cingular Site No. PL-059-02, City Parking Berkeley Site (letter report)	Archaeological Resources Technology	01-000242
S-028215		2004	Diana J. Painter	Architectural Resource Evaluation for Cingular Wireless Installation PL-059-03, Durant and Telegraph (letter report)	Painter Preservation & Planning	01-005619, 01-010659
S-029541	Other - PL-386-02	2000	Allen G. Pastron and R. Keith Brown	Historical and Cultural Resource Assessment, Proposed Telecommunications Facility, Site No. PL-386-02, 2000 Hearst Avenue, Berkeley, California (letter report)	Brown & Mills, Inc.	01-010885
S-029543	Submitter - BMI Project No. 00S-812	2000	Allen G. Pastron and R. Keith Brown	Historical and Cultural Resource Assessment, Proposed Telecommunications Facility, the Roof Tank, Site No. PL-386-04, 2054 University Avenue, Berkeley, California (letter report)	Brown & Mills, Inc	01-005679
S-029683		2005	Lorna Billat	Roof Mounted Antennas, and Lease Area Inside Building, Downtown Berkeley/CA-2521, 2054 University Avenue, Berkeley, CA.	EarthTouch, Inc.	01-005679

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-030787		2005	Benjamin Ananian	2802 Shattuck Avenue, Berkeley, Alameda County (letter report)	Ananian Associates	
S-038249	OHP PRN - FTA051227A; Voided - S-31825; Voided - S-38456; Voided - S-38767; Voided - S-38768	2010	Suzanne Baker	Historic Property Survey Report, the Alameda County Transit District's East Bay Bus Rapid Transit Project in Berkeley, Oakland, and San Leandro	Archaeological/Historical Consultants	01-000026, 01-000031, 01-000042, 01-000091, 01-000092, 01-003856, 01-005348, 01-005593, 01-005594, 01-005618, 01-005628, 01-010520, 01-010530, 01-010531, 01-010535, 01-010538, 01-010600, 01-010690, 01-010691, 01-010692, 01-010693, 01-010694, 01-010695, 01-010696, 01-010697, 01-010698, 01-010699, 01-010700, 01-010701, 01-010808, 01-011577
S-038249a		2010	Suzanne Baker	Addendum to Positive Archaeological Survey Report for the Alameda County Transit District's East Bay Bus Rapid Transit Project in Berkeley, Oakland, and San Leandro, California	Archaeological/Historical Consultants	
S-038249b		2010	Suzanne Baker	Addendum Historic Property Survey Report, the Alameda County Transit Project in Berkeley, Oakland, and San Leandro	Archaeological/Historical Consultants	
S-038249c		2010	Suzanne Baker	Second Addendum to Positive Archaeological Survey Report for Alameda County Transit District's East Bay Bus Rapid Transit Project in Berkeley, Oakland, and San Leandro, California	Archaeological/Historical Consultants	
S-038249d		2005	Suzanne Baker	Positive Archaeological Survey Report for the Alameda-Contra Costa Transit District's East Bay Bus Rapid Transit Project in Berkeley, Oakland, and San Leandro	Archaeological/Historical Constultants	
S-038249e		2006	Milford Wayne Donaldson and Leslie T. Rogers	FTA051227A; National Register of Historic Places Determination of Eligibility for Properties within the Area of Potential Effects for the Propsed AC Transit Bus Rapid Transit Project, Alameda County, California	California Office of Historic Preservation; U.S. Department of Transportation	
S-038249f		2005		Finding of Effect for AC Transit East Bay Bus Rapid Transit Project	JRP Historical Consulting	

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Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-039397		2008	Allen G. Pastron	Executive Summary of Results of On-Site Archaeological Monitoring and Evaluation at the 2055 Center Street Project, City of Berkeley, Alameda County, California (letter report)	Archeo-Tec	
S-040215	Submitter - LSA Project #SEG1201	2013	Michael Hibma	Architectural Significance Evaluations of Three Garages at 1931, 1933, and 1935 Addison Street, Berkeley, Alameda County, California (LSA Project #SEG1201) (letter report)	LSA Associates, Inc.	01-011384, 01-011385, 01-011386
S-040638		2013	Jeffrey E. Pearson and Kathleen A. Crawford	Cultural Resources Records Search and Site Visit Results for T-Mobile West, LLC, Candidate BA02010A (Personal Communication System Roofing Antenna), 2116 Bancroft Way, Berkeley, Alameda County, California (letter report)	Michael Brandman Associates	01-011466
S-042212	Other - FCC031113H	2003	Donald Napoli	Historic Architectural Survey Report, AT&T Wireless Services Site ID# 960018012AA-Telegraph/Dwight, UC Berkeley, Zellerback Hall, 0 Bancroft Way, Berkeley, Alameda County, California	Ric Windmiller, Consulting Archaeologist	
S-042691	Submitter - LSA Project #AUS1302	2013	Michael Hibma	Eligibility Evaluation of 1974 University Avenue, Berkeley, Alameda County, California	LSA Associates, Inc	01-011458
S-042755		2012	Michael Hibma	A Cultural Resources Study and Historical Evaluation for the Acheson Commons Project, Berkeley, Alameda County, California	LSA	01-011460, 01-011461
S-042755a		2014	William A. Porter	Acheson Commons, Photo-Documentation & Context Report for 1970-1987 Shattuck Avenue/2101-2109 University Avenue, 2111-2113 University Avenue, 2129/2135-1/2 University Avenue, 2145 University Avenue, 1922/1924 Walnut Street, 1930 Walnut Street	Knapp Architects	
S-043139		2013	Lorna Billat and Dana Supernowicz	Collocation Submission Packet, South Downtown Berkeley, CCL04690	Earth Touch, Inc.	01-011466
S-043139a		2013		Architectural Evaluation Study of the South Downtown Berkeley Project, AT&T Site No. CCL04690, 2116 Bancroft Way, Berkeley, Alameda County, California 94704	Historic Resource Associates	
S-043818	OHP PRN - FEMA 100111 A	2009		California Student Center/Lower Sproul Plaza, University of California-Berkeley, Berkeley, California, Historic Structure Report	Kelley & VerPlanck Historical Resources Consulting	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-045781	OHP PRN - FCC_2014_0908_002	2014	Carrie D. Wills and Kathleen A. Crawford	Cultural Resources Records Search and Site Visit Results for Sprint Nextel Candidate FN03XC010 (University), 2054 University Avenue, #210, Berkeley, Alameda County, California (letter report)	First Carbon Solutions	01-005679
S-046434		2015	Christopher McMorris	Historic Resources, City of Berkeley Hearst Avenue Complete Streets Project (letter report)	JRP Historical Consulting	01-005338, 01-005394, 01-005438, 01-005439, 01-005449, 01-005527, 01-005553
S-046723		2013	Michael Hibma	Historical Evaluation 2201 Dwight Way, Berkeley, Alameda County, California	LSA Associates, Inc.	01-011648
S-046739	OTIS Report Number - FCC050322B	2005	Beth A. Gordon	Historic Resource Report, SNFCCA0157A / South Downtown Berkeley, 2116 Bancroft Way, Berkeley, Alameda County, California	RESCOM Environmental Corp	01-011466
S-046739a		2005		Cultural Resources Study of the South Downtown Berkeley Project, AT&T Wireless Services Site No. SNFCCA0157A, 2116 Bancroft Way, Berkeley, Alameda County, California 94704	Historic Resource Associates	
S-046965	Agency Nbr - CCL01059	2015	Carolyn Losee	Cultural Resources Investigation for AT&T Mobility CCL01059 "Telegraph-Dwight" Bancroft Way and Telegraph Avenue, Berkeley, Alameda County, California 94704 (letter report)	Archaeological Resources Technology	01-011602
S-047174	Agency Nbr - GOGA 1991 C / 052-91-GOGA; OHP PRN - NPS910611A	1991	Carol A. Martin	Archaeological Clearance: East Fort Baker, install electrical services to buildings No. 513 and No. 511, Bay Area Discovery Museum, Marin Headlands District, GGNRA, Marin County, California (letter report)	National Park Service	
S-047276	OHP PRN - FCC_2015_1104_002 ; Submitter - LSA Project No. CYG530	2015	Mary Armstrong-Friberg	FCC Form 621 Collocation Submission Packet: Verizon Wireless Shattuck and Bancroft Facility, 2116 Bancroft Way, Berkeley, CA 94704	Bureau Veritas North America, Inc.	01-011466
S-047276a		2015	Phil Fulton and Casey Tibbet	Cultural Resource Assessment Class I Inventory: Verizon Wireless Services Shattuck and Bancroft Facility, City of Berkeley, County of Alameda, California	LSA Associates, Inc.	
S-047276b		2015	Julianne Polanco	FCC_2015_1104_002; Shattuck and Bancroft, 2116 Bancroft Way, Berkeley, Alameda County, Collocation	Office of Historic Preservation	

Report List

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
S-047806	OTIS Report Number - FCC_2016_0708_002	2016	Carolyn Losee and Alexandra Bevk	Cultural Resources Investigation for AT&T Mobility CCL04690 "South DT Berkeley" 2116 Bancroft Way, Berkeley, Alameda County, California 94704 (letter report)	Archaeological Resources Technology	01-011466
S-047806a		2016	Julianne Polanco and Carolyn Losee	FCC_2016_0708_002, CCL04690 "South Downtown Berkeley" 2116 Bancroft Way, Berkeley, Collocation	Office of Historic Preservation; Geist Engineering and Environmental Group, Inc.	
S-048242	Agency Nbr - AT&T CCL00499; OHP PRN - FCC_2016_0707_002	2016	Carolyn Losee	Cultural Resources Investigation for AT&T CCL00499 "Berkeley Hills," Tolman Hall, University of California at Berkeley, Alameda County, California 94709 (letter report)	Archaeological Resources Technology	01-011800
S-048242a		2016	Julianne Polanco	FCC_2016_0707_002; CCL00499 "Tolman Hall", University of California 2272 Hearst Ave., Berkeley, Alameda County, Collocation	Office of Historic Preservation	
S-051845		2018	Daniel Shoup	Cultural Resources Technical Report, Adeline Corridor Specific Plan, Berkeley, California	Archaeological/Historical Consultants	
S-052790		2005		Cultural Resources Study of the University Berkeley Project, AT&T Wireless Services Site No. SNFCCA6345, St. Joseph the Worker Church, 1640 Addison Street, Berkeley, Alameda County, California 94703	Historic Resource Associates	01-005104, 01-012181
S-052854		2002		Cultural Resources Study for the Proposed Bechtel Corporation Project, Site No. 499 - Berkeley Hills, Tolman Hall, Hearst Avenue, Berkeley, California	Historic Resource Associates	01-011800

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-000029	CA-ALA-000008	Resource Name - [none]	Site	Prehistoric	AP09	1949 (Pilling, [none])	S-007903, S-026071, S-053807
P-01-000242		Resource Name - The Town and Gown Club	Building	Historic	HP09	1977 (Robin Thomas, Berkeley Architectural Heritage Assn.)	S-026071, S-026399
P-01-005104		Resource Name - St. Joseph the Workman Church; Other - St. Joseph the Worker Church; Other - St. Joseph's Church; OHP Property Number - 012148; OTIS Resource Number - 414933; OHP PRN - FCC050404G; OHP PRN - 4701-0080-0000; Other - St. Joseph the Worker Parish	Building	Historic	HP16	1979 (Harry B. Morrison, Berkeley Historical Society); 2005 (Dana E. Supernowicz, Historic Resource Associates)	S-052790
P-01-005107		Resource Name - Golden Sheaf Bakery; OHP Property Number - 12151; OHP PRN - 4701-0083-0000; Other - Nevo Education Center; Other - 2071 Addison Street; National Register - 78000644; OTIS Resource Number - 414936	Building	Historic	HP06	1977 (Robert Y. Feldman, U.C. Berkeley (graduate architecture student)); 1977 (Brian Horrigan, Berkeley Architectural Heritage Association); 2015 (Franklin Maggi, Archives & Architecture, LLC)	S-049123
P-01-005108		Resource Name - American Railway Express; OTIS Resource Number - 414937; Other - Swedberg's Furniture; Other - Executive Massage; HALS - M.J. Reynolds Realty; Other - Armory Hall; Other - J.G. Wright Building; OHP Property Number - 12152; OHP PRN - 4701-0084-0000; Other - Swedberg Furniture	Building	Historic	HP06	1979 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-005109		Resource Name - Underwood Building; Other - Virginia Apartments; Other - Addison Apartments; OHP Property Number - 12153; OHP Z-number - 4701-0085-0000; OTIS Resource Number - 414938	Building	Historic	HP03; HP06	1978 (Anthony Buffington Bruce, Berkeley Architectural Heritage Association); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005110		Resource Name - Terminal Place; OTIS Resource Number - 414939; OHP Property Number - 12154; OHP PRN - 4701-0086-0000	Building	Historic	HP39	1978 (Betty Marvin, Berkeley Architectural Heritage Survey)	S-049123
P-01-005111		Resource Name - Heywood Building; Resource Name - Heywood Apartments; OHP Property Number - 12155; OHP PRN - 4701-0087-0000; OTIS Resource Number - 414940	Building, Element of district	Historic	HP03	1978 (Betty Narvin, Berkeley Architectural Heritage Survey); 2105 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005153		Resource Name - Masonic Temple; Other - Crocker National Bank; OHP Property Number - 12197; OHP PRN - 4701-0129-0000; National Register - NPS-82002162-0000; OHP PRN - FTA051227A; Other - Berkeley Masonic Temple; Other - 2105 Bancroft Way; OTIS Resource Number - 414982	Building, Element of district	Historic	HP07; HP13	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 1981 (Betty Marvin, Berkeley Architectural Heritage Association); 1982 (Betty Marvin, Berkeley Architectural Heritage Association); 2015 (Franklin Maggi, Archives & Architecture, LLC)	S-049123
P-01-005177		Resource Name - Greyhound Lines; Other - Elephant Crossing; Other - Kaldor's Knit Shop; Other - Travel Service Inc.; Other - Chamber of Commerce; Other - Diane's; OHP Property Number - 12221; OHP PRN - 4701-0153-0000; OHP PRN - FTA051227A; OTIS Resource Number - 415006	Building, Element of district	Historic	HP06	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-005178		Resource Name - Southern Pacific Railroad Station; OHP Property Number - 12222; OHP PRN - 4701-0154-0000; OTIS Resource Number - 415007; Other - Little Hunan; Other - Metro PCS; Other - East Bay Passport Photo; Other - Fox Photo; Other - Square Fountain	Building	Historic	HP06	1979 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005179		Resource Name - Southern Pacific Office; Other - Palace Barber; Other - Shoe & Luggage Repair; Other - Town Square Café; Other - Anna Bella Nails; OHP Property Number - 12223; OHP PRN - 4701-0155-0000; OHP PRN - FTA051227A; OTIS Resource Number - 415008	Building, Element of district	Historic	HP06	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005222		Resource Name - Mikkelson and Berry Building; OHP PRN - 4701-0198-0000; OHP Property Number - 12266; OTIS Resource Number - 415050; Other - Globe Stamp Store; Other - Sabin Optometric	Building	Historic	HP06	1978 (Betty Marvin, Berkeley Architectural Heritage Association); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005223		Resource Name - Ennor's Restaurant - Bakery - Candy Store; Other - Act One / Act Two Theater; OHP Property Number - 012267; OHP PRN - 4701-0199-0000; Other - Tax Cert 537.9-01-0146; Other - Ben & Jerry's; OTIS Resource Number - 415051; Resource Name - Ennor's Restaurant Building; Other - Act 1 & Act 2 Theater	Building, Element of district	Historic	HP07	1977 (Betty Marvin, Berkeley Architectural Heritage Association); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-005224		Resource Name - Thomas Block; Other - Lindgren & Hicks Building; Other - LaLoma Apts; Other - Wawona Apartments; OHP Property Number - 12268; OHP PRN - 4701-0200-0000; Other - Campus Florist; Other - P.I.P.; Other - McPhee's Bootery; OTIS Resource Number - 415052	Building, Element of district	Historic	HP03; HP06	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005268		Resource Name - Squire, (James A.) House; OHP Property Number - 012312; OHP PRN - FTA051227A; OHP PRN - 4701-0244-0000; OTIS Resource Number - 415096	Building	Historic	HP02	1979 (Anthony Buffington Bruce, Berkeley Architectural Heritage Association)	
P-01-005348		Resource Name - Odd Fellows' Temple; Other - Map Reference No. 01-31; Other - 2280-2288 Fulton Street; OHP Property Number - 012392; OHP PRN - 4701-0324-0000; OHP PRN - FTA051227A;	Building	Historic	HP06; HP13	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2004 (Cindy Toffelmier, JRP Historical Consulting)	S-038249
P-01-005394		Resource Name - Robert H. Wetmore House; OHP Property Number - 012438; OHP PRN - 4701-0370-0000; OTIS Resource Number - 415221	Building	Historic	HP02	1979 (Carson Anthony Anderson, Berkeley Architectural Heritage Association)	S-046434
P-01-005423		Resource Name - Berkeley Main Public Library; National Register - NPS-82002156-0000; Other - Berkeley Public Library; OHP Property Number - 012467; OHP PRN - 4701-0399-0000; OHP PRN - FTA051227A; Other - Map Reference No. 01-28;	Building, Element of district	Historic	HP15	1977 (Brian Hoorigan, Berkeley Architectural Heritage Association); 1981 (Betty Marvin, Berkeley Architectural Heritage Association); 2004 (Toni Webb, JRP Historical Consulting); 2015 (Franklin Maggi, Archives & Architecture, LLC)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-005424		Resource Name - Fox California Theater; Other - T & D Theater; Other - California Theater; OHP PRN - 4701-0400-0000; OHP Property Number - 012468; OTIS Resource Number - 415251	Building, Element of district	Historic	HP10	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005425		Resource Name - A.H. Broad House; Other - Marialis Beauty Salon; Other - Fu Lu Shou Restaurant; Other - Kittredge Street Sandwich & Tempura Shop; OHP Property Number - 012469; OHP PRN - 4701-0401-0000; Other - A.H. Broad House & Storefront; OTIS Resource Number - 415252	Building, Element of district	Historic	HP03; HP06	1977 (Betty Marvin, Berkeley Architectural Heritage Association); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005426		Resource Name - Robert Elder House; Other - Morgan & Agostini Real Estate; OHP Property Number - 012470; OHP PRN - 4701-0402-0000; Other - Delta Upsilon Hose; Other - Amanda Agostini Morgan Building; OTIS Resource Number - 415253	Building, Element of district	Historic	HP03; HP06	1979 (Anthony Buffington Bruce, Berkeley Architectural Heritage Assoication); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005427	CA-ALA-000618/H	Resource Name - John C. Fitzpatrick House; OTIS Resource Number - 415254; Other - 2138 Kittredge Burial; OHP Property Number - 012471; Other - Pepper Tree Tea Room; OHP PRN - 4701-0403-0000	Building, Site, Element of district	Prehistoric, Historic	AP09; HP02	1979 (Anthony Buffington Bruce, Berkeley Architectural Heritage Association); 2004 (Richard Schwartz, [none]); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005428		Resource Name - Herb's Hamburgers; OHP Property Number - 012472; OHP PRN - 4701-0404; OTIS Resource Number - 415255	Building	Historic	HP06	1979 (Betty Marvin, Berkeley Architectural Heritage Survey)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-005559		Resource Name - Southern Pacific Station on Shattuck; Other - Downtown train station; OHP PRN - 4701-0535-0000; OHP Property Number - 012603; Other - Berkeley Square; Other - Shattuck Square; OTIS Resource Number - 415386	Building, Site, Element of district	Historic	HP17; HP31	1978 (Gray Brechin, Berkeley Architectural Heritage Association)	S-047381, S-049123
P-01-005560		Resource Name - Palmer's; Other - Shattuck Square Building; OHP PRN - 4701-0536-0000; OHP Property Number - 012604; Other - Palmer's Drugstore; Resource Name - 48 Shattuck Square	Building, Element of district	Historic	HP06	1978 (Betty Marvin, Berkeley Architectural Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005561		Resource Name - Roos-Atkins; Other - Roos Brothers; OHP Property Number - 012605; OHP PRN - 4701-0537-0000; Other - Shattuck Square Building	Building, Element of district	Historic	HP06	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2105 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005562		Resource Name - Watkin's Shoes; Resource Name - Birdie's Toy House; OHP Property Number - 012606; Other - Shattuck Square Building; OHP PRN - 4701-0538-0000; Other - Watkins Building; Other - PiQ	Building, Element of district	Historic	HP06	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005569		Resource Name - MacFarlane's; Other - Stores for U.S. Realty Corporation; OHP Property Number - 12613; OHP PRN - 4701-0545-0000; Other - MacFarlane Building; Other - Stores for U.S. Realty Corporation	Building, Element of district	Historic	HP06	1978 (Katherine R. Wright, Berkeley Architectural Heritage Association); 2015 (Franklin Maggi, Archives & Architecture, LLC)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-005570		Other - Mason-McDuffie Building; Resource Name - University and Shattuck Store Building; OTIS Resource Number - 415397; OHP Property Number - 012614; OHP PRN - 4701-0546-0000	Building, Element of district	Historic	HP06	1977 (J. Brian Horrigan, Berkeley Architectural Heritage Assoc.)	S-049123
P-01-005571		Resource Name - Heywood Building; OHP Property Number - 12615; OHP PRN - 4701-0547-0000; Other - Singer Sewing Machine Company; Other - Plachek Building	Building	Historic	HP06	1978 (Anthony Bruce, Berkeley Architectural Heritage Association); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005572		Resource Name - Kress's; Resource Name - S.H. Kress & Company Store; OHP Property Number - 12616; OHP PRN - 4701-0548-0000	Building, Element of district	Historic	HP06	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005573		Resource Name - The Berkeley Hotel; Other - The Studio Building; OHP Property Number - 12617; OHP PRN - 4701-0549-0000; National Register - 78000645	Building, Element of district	Historic	HP05; HP07	1977 (Anthony B. Bruce, Berkeley Architectural Heritage Association); 1978 (Anthony Bruce, NPS); 2015 (Franklin Maggi, Archives & Architecture, LLC)	S-049123
P-01-005574		Resource Name - Francis Shattuck Building; OHP Property Number - 12618; OHP PRN - 4701-0550-0000; OTIS Resource Number - 415401; Other - 2080 Addison Street	Building, Element of district	Historic	HP05; HP06	1978 (Anthony Bruce, Berkeley Architectural Heritage Association); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005575		Resource Name - Mason-McDuffie Company Building; Other - Mobilia (Furniture Company); OHP Property Number - 12619; OHP PRN - 4701-0551-0000; Other - Berkeley Guarantee Building & Loan; Other - Mobilia Furniture	Building, Element of district	Historic	HP06	1979 (Donna Dumont, Berkeley Architecture Heritage Association); 2015 (f. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-005576		Resource Name - Hotel Crail; Other - Hotel Vernon; Other - Alexander; Other - Opal Theater; Other - Victorian Inn; Other - Interlude Massage; OHP Property Number - 12620; OHP PRN - 4701-0552-000; Resource Name - V.D. Chase Building; Other - California Terrace Inn	Building, Element of district	Historic	HP03; HP05; HP07	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005577		Resource Name - Bentley's; Other - Roy O. Long Company; Other - Morse-Brock Building; OHP Property Number - 12621; OHP PRN - 4701-0553-0000; OTIS Resource Number - 415404	Building, Element of district	Historic	HP06	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005578		Resource Name - Great Western Building; Other - First Savings Building; OHP Property Number - 12622; OHP PRN - 4701-0554-0000; OTIS Resource Number - 415405; Other - Power Bar; Other - Chase Bank	Building, Element of district	Historic	HP07; HP73	1979 (Charles S. Marinovich, Berkeley Architectural Heritage Association); 2015 (F. Maggi, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005579		Resource Name - Wright Block; Other - Blum's Flower Shop; Other - White's Jewelers; OHP Property Number - 12623; OHP PRN - 4701-0555-0000; Other - Hann Block; OTIS Resource Number - 415406	Building, Element of district	Historic	HP06; HP99	1977 (Betty Marvin, Berkeley Architectural Heritage Association); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123, S-050856
P-01-005580		Resource Name - Constitution Square Building; Other - Havens Block; Other - Shattuck Hall Site; OHP Property Number - 12624; OHP PRN - 4701-0556-0000; Other - Quinto Sol Publications; OTIS Resource Number - 415407	Building, Element of district	Historic	HP06	1978 (Anthony Bruce, Berkeley Architectural Heritage Association); 1980 (A. Castenada, J. Pitti, Chicano / Latino Cult. Res. Sur.); 2015 (F. Maggi, S. Winder, Archives & Architecture, LLC)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-005581		Resource Name - F.W. Foss Company; Other - Martino's Restaurant; Other - Wolf's Jewelers; Other - Sandwich Indulgence; OHP Property Number - 12625; OHP PRN - 4701-0557-0000; Other - Jupiter; OTIS Resource Number - 415408	Building, Element of district	Historic	HP06	1979 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005582		Resource Name - Samson Market; Other - Central Bank; OHP Property Number - 12626; OHP PRN - 4701-0558-0000; OTIS Resource Number - 415409; Other - Target Store	Building, Element of district	Historic	HP06	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005583		Resource Name - Hinkel Block; Other - Havens Block; Other - Edy's Candy; Other - KPFA Radio; OHP Property Number - 12627; OHP PRN - 4701-0559-0000; Other - Hulbert Block; Other - Edy's Creamery; OTIS Resource Number - 415410	Building, Element of district	Historic	HP06	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005585		Resource Name - Amherst Hotel; Other - Lawson's Stationery; Other - Brock & Brooks Building; Other - Brooks Apartments; OHP Property Number - 12629; OHP PRN - 4701-05561-0000; OTIS Resource Number - 415412	Building	Historic	HP03; HP05; HP06	1978 (Betty Marvin, Berkeley Architectural Heritage Survey)	S-049123
P-01-005586		Resource Name - Blue and Gold Market; Resource Name - Wanger Block; OHP Property Number - 12630; OHP PRN - 4701-0562-0000; OTIS Resource Number - 415413	Building, Element of district	Historic	HP03; HP06	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-005587		Resource Name - Marble Restaurant; Resource Name - Homestead Loan Association; OHP Property Number - 12631; OHP PRN - 4701-0563-0000; Other - Berkeley Art Museum; OTIS Resource Number - 415414; Other - Homestead Loan Association Building	Building, Element of district	Historic	HP06	1978 (Anthony Buffington Bruce, Berkeley Architectural Heritagte Association); 2015 (F. Maggi, L/ Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005588		Resource Name - United Artists Theater; OHP Property Number - 12632; OHP PRN - 4701-0564-0000; OTIS Resource Number - 415415	Building, Element of district	Historic	HP10	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005589		Resource Name - Hezlett's Silk Store; Other - Tupper & Reed Building (after 1960); OHP Property Number - 12635; OHP PRN - 4701-0567-0000; OTIS Resource Number - 415416	Building, Element of district	Historic	HP06	1977 (Ann Maria Celona, Berkeley Architectural Heritage Association); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005590		Resource Name - Morse Block; Other - Donogh Arms; OHP Property Number - 12634; Other - 4701-0566-0000; OTIS Resource Number - 415417; Other - Pasand Hotel	Building, Element of district	Historic	HP03; HP05; HP07	1978 (Anthony Buffington Bruce, Berkeley Architectural Heritage Association); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005591		Resource Name - Tupper & Reed Building; OHP Property Number - 12633; OHP PRN - 4701-0565-0000; Other - 2275 Shattuck Avenue; National Register - 82002163; OTIS Resource Number - 415418	Building, Element of district	Historic	HP06; HP99	1977 (Gary Brechin, Berkeley Architectural Heritage Association); 1982; 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-005592		Resource Name - Capdeville's University French Laundry; Other - Paul's Shoe Repair; Other - Pirro's Pizza; OHP Property Number - 12636 for Capdeville's University French Laundry; OHP Property Number - 162978 for Paul's Shoe Repair; OHP PRN - 4701-0568-0000; OTIS Resource Number - 415419; Other - Capedeville French Laundry	Building, Element of district	Historic	HP06	1975 (Betty Marvin, Berkeley Architural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005593		Resource Name - Corder Building; Other - Whitecotton Building; Other - Shattuck Apartments; Other - Stone Pierce Company; OHP Property Number - 12637; OHP PRN - 4701-0569-0000; Other - Witter Building; National Register - NPS-82002158-0000; OTIS Resource Number - 415420; Other - 2300 - 2350 Shattuck Avenue	Building, Element of district	Historic	HP03; HP05; HP07	1976 (Betty Marvin, Berkeley Architectural Heritage Survey); 1980 (Betty Marvin, Berkeley Architectural Heritage Association); 1982; 2005 (Kathleen Kennedy, JRP Historical Consulting); 2015 (Franklin Maggi, Archives & Architecture, LLC)	S-038249, S-049123
P-01-005594		Resource Name - Fidelity Guaranty Building and Loan Assoc.; Resource Name - Fidelity Savings and Loan Association; OHP Property Number - 12638; OHP PRN - 4701-0570-0000; Resource Name - Map Reference No. 01-38; OTIS Resource Number - 415421	Building, Element of district	Historic	HP06	1979 (Donna Dumont, Berkeley Architectural Heritage Survey); 2004 (Toni Webb, JRP Historical Consulting); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-038249, S-049123
P-01-005619		Resource Name - Hotel Carlton; OHP PRN - 4701-0595-0000; OHP Property Number - 012663	Building	Historic	HP05	2004 (Diana Painter, Painter Preservation & Planning)	S-028215

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-005676		Resource Name - U.C. Theater; Other - Fox U.C. Theater; Other - Stark Hotel; OHP Property Number - 12720; OHP Property Number - 69236; OHP PRN - 4701-0653-0000	Building, Element of district	Historic	HP05; HP06; HP10	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005678		Resource Name - Joseph Davis Building; Other - The Victoria; Other - Former Berkeley Barb office; OHP Property Number - 12722; OHP PRN - 4701-0655-0000	Building, Element of district	Historic	HP03; HP06	1978 (Betty Marvin, Berkeley Architectural Heritage Survey); 2015 (F. Maggi, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-005679		Resource Name - Koerber Building; OHP Property Number - 12723; OHP PRN - 4701-656-0000; Other - State Farm Building; OHP Property Number - 127060; OHP PRN - DOE-01-01-0001-0000; OHP PRN - FCC001011B; Other - Morgan Building; Voided - P-01-010708; Voided - P-01-010412	Building, Element of district	Historic	HP07	1979 (Betty Marvin, Berkeley Architectural Heritage Survey); 2004 (Lorna Billat, Earth Touch, Inc.); 2009 (Daniella Thompson, [none]); 2015 (F. Maggi, S. Winder, Archives & Architecture, LLC)	S-029543, S-029683, S-045781, S-049123
P-01-005680		Resource Name - Middle Eastern Restaurant; Other - Plachek Addition to the Acheson Building; Other - 2125 University Avenue; Resource Name - Acheson's Physicians Building; OHP Property Number - 12724; OHP PRN - 4701-0657-0000; Other - Crepes A-Go-Go	Building, Element of district	Historic	HP06	1979 (Katherine R. Wright, Berkeley Architectural Heritage Association); 2015 (Franklin Maggi, Archives & Architecure, LLC)	S-049123
P-01-005681		Resource Name - Acheson Physicians' Building; Other - 2125 - 2135 University Avenue; OHP Property Number - 12725; OHP PRN - 4701-0658-0000	Building, Element of district	Historic	HP07	1978 (Katherine R. Wright, Berkeley Architectural Heritage Association); 2015 (Franklin Maggi, Archives & Architectue, LLC)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-005682		Resource Name - Berkeley Hardware Store; Other - Sill's; Other - Montgomery Ward Store; OHP Property Number - 12726; OHP PRN - 4701-0659-0000; Other - J Sill & Company Grocery	Building, Element of district	Historic	HP06	1978 (Katherine R. Wright, Berkeley Architectural Heritage Association); 2015 (Franklin Maggi, Archives & Architecture, LLC)	S-049123
P-01-005706		Resource Name - Chamber of Commerce Building; OHP PRN - 4701-0714-0000; Other - Wells Fargo Building; OHP PRN - 4701-0197-0000; National Register - NPS 85001916-0000; OHP PRN - FTA 051227A; OHP Property Number - 12750; Other - American Trust; OTIS Resource Number - 415594	Building, Element of district	Historic	HP07	1978 (Anthony Buffington Bruce, Berkeley Architectural Heritage Association); 1984 (Betty Marvin, Berkeley Architectural Heritage Association); 2015 (Franklin Maggi, Archives & Architecture, LLC)	S-024284, S-049123
P-01-008285		Resource Name - Campanile Hotel; OHP Property Number - 95629; OHP PRN - HUD950302C; Other - The Avenue Block; Other - Aldone Apartments	Building	Historic	HP03; HP05; HP06	2015 (F Maggi, S. Winder, Archives and Architecture, LLC)	
P-01-010496		Resource Name - 1910 Hearst Street	Site	Prehistoric	AP16	2002 (Richard Schwartz, [none])	
P-01-010538	CA-ALA-000607	Resource Name - Burial at Site of old Kellogg School	Site	Prehistoric	AP15	2001 (Richard Schwartz, [none])	S-031825, S-038249
P-01-010663	CA-ALA-000615	Resource Name - Shell West of Haviland Hall	Site	Prehistoric	AP16	2004 (Richard Schwartz, [none])	
P-01-011384		Resource Name - 1931 Addison Street; Other - Campanile Auto Service; Other - Campanile, Machine Shop & Garage; Other - Franks's Auto Glass	Building	Historic	HP06	2012 (Michael Hibma, LSA Associates Inc.)	S-040215
P-01-011385		Resource Name - 1933 Addison Street; Other - Berkeley Test Only Smog; Other - Berkeley Spring & Forging	Building	Historic	HP06	2012 (Michael Hibma, LSA Associates Inc.)	S-040215

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-011386		Resource Name - 1935 Addison Street; Other - Frank's of Berkeley; Other - Berkeley Auto Enameling	Building	Historic	HP06	2012 (Michael Hibma, LSA Associates, Inc.)	S-040215
P-01-011458		Resource Name - 1974 University Avenue; Other - Firestone Automotive	Building	Historic	HP06	2012 (Michael Hibma, LSA Associates)	S-042691
P-01-011460		Resource Name - 1922/1924 Walnut Street; OHP PRN - 4701-0668-000; Other - Baldwin/Acheson House	Building	Historic	HP03; HP30	2011 (Michael Hibma, LSA Associates Inc.)	S-042755
P-01-011461		Resource Name - 1930 Walnut Street; OHP PRN - 4701-0670-000; Other - Moore/Acheson House	Building	Historic	HP03; HP30	2011 (Michael Hibma, LSA Associates, Inc.)	S-042755
P-01-011466		Resource Name - SBC Building; OTIS Resource Number - 543240	Building	Historic	HP07	2005 (Dana Supernowicz, Historic Resource Associates); 2016 (Alexandra Bevk, [none])	S-040638, S-043139, S-046739, S-047276, S-047806
P-01-011577		Resource Name - Trinity Methodist Episcopal Church; OHP Property Number - 161897; OHP PRN - FTA051227A; OHP PRN - HUD060410F; OTIS Resource Number - 536092; OTIS Resource Number - 671837	Building	Historic	HP13	2004 (Toni Webb, JRP Historical Consulting); 2006 (Tim Stroshane, City of Berkeley Housing Department)	S-038249, S-049267
P-01-011602		Resource Name - Zellerbach Hall; Other - Performing Arts Center	Building	Historic	HP10	2015 (Alexandra Bevk, [none])	S-046965
P-01-011648		Resource Name - 2201 Dwight Way; Other - J.E. French & Company; Other - Hopper-Hammond Dodge; Other - Dodge of Berkeley	Building	Historic	HP06	2012 (Michael Hibma, LSA Associates)	S-046723
P-01-011834		Resource Name - Hotel Central; Other - Cal Hotel; Other - California Hotel; HALS - 2008 - 2012 Shattuck Avenue	Building, Element of district	Historic	HP03; HP05; HP07	2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-011835		Resource Name - Nish & McNeill Men's Furnishings; Other - Cloud Building; Other - 2017 Shattuck Avenue	Building, Element of district	Historic	HP06	2015 (Frank Maggi, Archives & Achitecture, LLC)	S-049123
P-01-011836		Resource Name - First Savings Bank of Oakland Branch; Other - Patelco; Other - 2033 Shattuck Avenue	Building, Element of district	Historic	HP06	2015 (F. Maggi, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-011837		Resource Name - Bowles Building; Other - Mandarin Garden Restaurant; HALS - 2023 Shattuck Avenue	Building, Element of district	Historic	HP06	2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-011838		Resource Name - 2030 Addison Street	Building	Historic	HP07	2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-011839		Resource Name - Woolsey Building	Building	Historic	HP06	2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-011840		Other - Kaplan Building; Resource Name - 150 Berkeley Square	Building, Element of district	Historic	HP06	2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-011841		Resource Name - San Francisco Federal Savings; Other - Bank of Italy; Other - Bank of America; Other - Citibank; Other - 2000 Shattuck Avenue	Building, Element of district	Historic	HP06	2015 (F. Maggi, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-011842		Resource Name - Berkeley Tower; Other - 2120 - 2134 University Avenue	Building, Element of district	Historic	HP07	2015 (F. Maggi, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-011843		Resource Name - 2020 Shattuck Avenue; Other - Comal; 2018 - 2020 Shattuck Avenue	Building, Element of district	Historic	HP06	2015 (F. Maggi, L. Dill, S. Winder, Archives & Architects, LLC)	S-049123
P-01-011844		Resource Name - Bauml Building; Other - Fantastic Comics; Other - Phil's Sliders; Other - 2024 Shattuck Avenue	Building, Element of district	Historic	HP06	2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-011845		Resource Name - Boudin Bakery; OHP Property Number - 162970; OHP PRN - FTA051227A; Other - 2116 Shattuck Avenue; OTIS Resource Number - 535192	Building, Element of district	Historic	HP06	2015 (F. Maggi, L. Dill, S. Winder, Archives & Architedcture, LLC)	S-049123
P-01-011846		Resource Name - Norton Building; Other - United California Bank; Other - 2169-2171 Shattuck Avenue; OTIS Resource Number - 535193; OHP Property Number - 162971	Building, Element of district	Historic	HP06	2015 (Franklin Maggi, Archives & Architecture, LLC)	S-049123
P-01-011847		Resource Name - J. C. Penney Co.; Other - Walgreens; Other - 2116 Shattuck Avenue; OTIS Resource Number - 535192; OHP Property Number - 169970	Building, Element of district	Historic	HP06	2015 (F. Maggi, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-011848		Resource Name - The Luggage Center; Other - Taylor's Leather Goods; Other - 2219 Shattuck Avenue; OTIS Resource Number - 535197; OHP Property Number - 162975	Building, Element of district	Historic	HP06	2105 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-011849		Resource Name - 2301 Shattuck Avenue; Other - Merchant's Bank	Building, Element of district	Historic	HP06	2015 (F. Maggi, L. Dill, S. Winder, Archives & Achritecture, LLC)	S-049123
P-01-011850		Resource Name - Blake & McGuire Grocery; Other - Venus Restaurant; OHP Property Number - 162979; OTIS Resource Number - 535201; Other - 2327 Shattuck Avenue	Building, Element of district	Historic	HP06	2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-011851		Resource Name - Union Bank; Other - 2333 Shattuck Avenue	Building, Element of district	Historic	HP06	2015 (F. Maggi, L. Dill, Archives & Architecture, LLC)	S-049123

Resource List

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-01-011852		Resource Name - Bank of America; Other - 2119 Center Street; Other - 2129 Shattuck Avenue	Building, Element of district	Historic	HP06	2015 (F. Maggi, L. Dill, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-011853		Resource Name - 2058 University Avenue; Other - Goodwill	Building, Element of district	Historic	HP06	2015 (Franklin Maggi, Sarah Winder, Archives & Architecture, LLC)	S-049123
P-01-011854		Resource Name - 2111 University Avenue; Other - Krishna Copy Center	Building, Element of district	Historic	HP06	2015 (Franklin Maggi, Archives & Architecture, LLC)	S-049123
P-01-011855		Resource Name - Bachenheimer Building; Other - 2117 - 2119 University Avenue	Building, Element of district	Historic	HP03; HP07	2015 (Franklin Maggi, Archives & Architecture, LLC)	S-049123
P-01-011856		Resource Name - Martha Sell Building; Other - Swedberg Furniture; Other - 2154 - 2160 University Avenue	Building, Element of district	Historic	HP06	2015 (F. Maggi, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-011857		Resource Name - Ernest Alvah Heron Building; Other - 2136 - 2140 University Avenue	Building, Element of district	Historic	HP06	2015 (F. Maggi, S. Winder, Archives & Architecture, LLC)	S-049123
P-01-012181		Resource Name - St. Joseph the Worker School; OHP Property Number - 161740; OTIS Resource Number - 536154; OHP PRN - FCC050404G; Other - St. Joseph School	Building	Historic	HP15	2005 (Dana E. Supernowicz, Historic Resource Associates)	S-052790

Sacred Lands File & Native American Contacts List Request

NATIVE AMERICAN HERITAGE COMMISSION
1550 Harbor Blvd, Suite 100
Sacramento, CA 95814
(916) 373-3710
(916) 373-5471 – Fax
nahc@nahc.ca.gov

Information Below is Required for a Sacred Lands File Search

Project: 2065 Kittredge Street Residential Project

County: Alameda

USGS Quadrangle Name: Oakland West Quadrangle

Township: 01S Range: 04W Section(s): 02

Company/Firm/Agency: Rincon Consultants, Inc.

Contact Person: Andrew Rodriguez

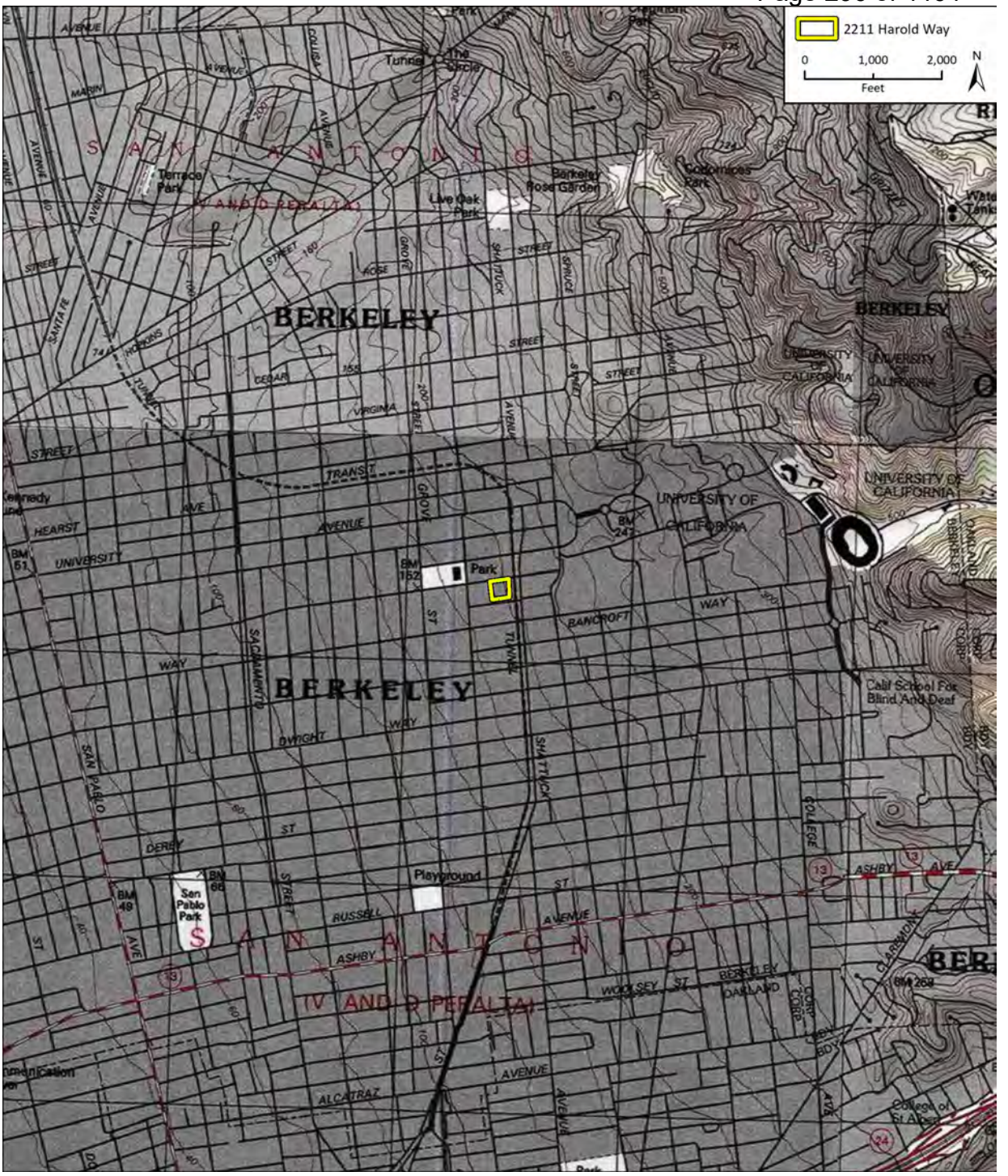
Street Address: 180 N Ashwood Ave

City: Ventura Zip: 93003

Phone: 805-644-4455

Email: arodriguez@rinconconsultants.com

Project Description: The project location is a portion of an irregularly shaped but generally square 1.63-acre larger property forming one city block in Downtown Berkeley, bounded by and fronting Shattuck Avenue to the east, Kittredge Street to the south, Harold Way to the west, and Allston Way to the north (APNs 057-2027-00600, -00700, -00800, and -00900) in Berkeley, Alameda County, California. The address for the project site is 2065 Kittredge Street. The project involves a new mixed-use development consisting of an 8-story residential apartment building with a total of 191 units, including 5% affordable units. 43 parking spaces will be provided in an underground parking level. We understand the project will require demolition of one existing commercial building located on site as well as renovations to the landmarked Shattuck Hotel.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Playground
Terrace Park
Live Oak Park
Berkeley Rose Garden
Codornices Park
San Pablo Park
Calif School For Blind And Deaf
College of St Albert
SAN ANTONIO
TV AND D PERALTA
BM 51
BM 152
BM 247
BM 49
BM 66
BM 268
UNIVERSITY AVE
HEARST AVE
ASHBY AVE
DERBY ST
RUSSELL ST
DWIGHT WAY
BANCROFT WAY
WOOLSEY ST
ALCATRAZ AVENUE
SAN PABLO AVENUE
SACRAMENTO ST
SHATTUCK AVENUE
COLLEGE AVENUE
CLAREMONT AVENUE
GROVE STREET
VIRGINIA STREET
DEAKIN STREET
ROSE STREET
SPRUCE STREET
CEDAR STREET
HOPKINS STREET
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STATE OF CALIFORNIA Gavin Newsom, *Governor*

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nahc@nahc.ca.gov
NAHC.ca.gov

April 5, 2022

Andrew Rodriguez
Rincon Consultants, Inc.

Via Email to: arodriguez@rinconconsultants.com

Re: 2065 Kittredge Street Residential Project, Alameda County

Dear Mr. Rodriguez:

A record search of the Native American Heritage Commission (NAHC) Sacred Lands File (SLF) was completed for the information submitted for the above referenced project. The results were positive. Please contact the Amah Mutsun Tribal Band of Mission San Juan Bautista and the North Valley Yokuts Tribe on the attached list for information. Please note that tribes do not always record their sacred sites in the SLF, nor are they required to do so. A SLF search is not a substitute for consultation with tribes that are traditionally and culturally affiliated with a project's geographic area. Other sources of cultural resources should also be contacted for information regarding known and recorded sites, such as the appropriate regional California Historical Research Information System (CHRIS) archaeological Information Center for the presence of recorded archaeological sites.

Attached is a list of Native American tribes who may also have knowledge of cultural resources in the project area. This list should provide a starting place in locating areas of potential adverse impact within the proposed project area. Please contact all of those listed; if they cannot supply information, they may recommend others with specific knowledge. By contacting all those listed, your organization will be better able to respond to claims of failure to consult with the appropriate tribe. If a response has not been received within two weeks of notification, the Commission requests that you follow-up with a telephone call or email to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our lists contain current information.

If you have any questions or need additional information, please contact me at my email address: Cody.Campagne@nahc.ca.gov.

Sincerely,

Cody Campagne

Cody Campagne
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Alameda County
4/5/2022

Amah MutsunTribal Band of Mission San Juan Bautista
Irene Zwierlein, Chairperson
3030 Soda Bay Road — Costanoan
Lakeport, CA, 95453
Phone: (650) 851 - 7489
Fax: (650) 332-1526
amahmutsuntribal@gmail.com

Costanoan Rumsen Carmel Tribe
Tony Cerda, Chairperson
244 E. 1st Street — Costanoan
Pomona, CA, 91766
Phone: (909) 629 - 6081
Fax: (909) 524-8041
rumsen@aol.com

Guidiville Indian Rancheria
Donald Duncan, Chairperson
P.O. Box 339 — Pomo
Talmage, CA, 95481
Phone: (707) 462 - 3682
Fax: (707) 462-9183
admin@guidiville.net

Indian Canyon Mutsun Band of Costanoan
Kanyon Sayers-Roods, MLD Contact
1615 Pearson Court — Costanoan
San Jose, CA, 95122
Phone: (408) 673 - 0626
kanyon@kanyonkonsulting.com

Indian Canyon Mutsun Band of Costanoan
Ann Marie Sayers, Chairperson
P.O. Box 28 — Costanoan
Hollister, CA, 95024
Phone: (831) 637 - 4238
ams@indiancanyons.org

Muwekma Ohlone Indian Tribe of the SF Bay Area
Monica Arellano, Vice Chairwoman
20885 Redwood Road, Suite 232 — Costanoan
Castro Valley, CA, 94546
Phone: (408) 205 - 9714
marellano@muwekma.org

North Valley Yokuts Tribe
Katherine Perez, Chairperson
P.O. Box 717 — Costanoan
Linden, CA, 95236 — Northern Valley
Phone: (209) 887 - 3415 — Yokut
canutes@verizon.net

North Valley Yokuts Tribe
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This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resource Section 5097.98 of the Public Resources Code.

This list is only applicable for contacting local Native Americans with regard to cultural resources assessment for the proposed 2065 Kittredge Street Residential Project, Alameda County.

State of California — The Resources Agency **Primary #**
DEPARTMENT OF PARKS AND RECREATION **HRI#**
CONTINUATION SHEET **Trinomial**

Page 1 **of** 3 ***Resource Name or #** (Assigned by recorder) Shattuck Hotel

***Recorded by:** JulieAnn Murphy, Rincon Consultants ***Date:** March 2022 ☐ Continuation ■ Update

The subject property at 2200 Shattuck Avenue/2065 Kittredge Street/2060-2080 Allston Way, commonly known as the Shattuck Hotel, is located in Downtown Berkeley, and is bounded by Allston Way to the north, Kittredge Street to the south, Shattuck Avenue to the east, and Harold Way to the west. The property was previously recorded in 1979 by Carol Raiskin for Berkeley Architectural Heritage as part of an architectural survey, finding it significant for its architecture as a good example of locally significant architect Benjamin McDougall's work in the Mission Revival style and as one of Berkeley's first steel reinforced concrete buildings. The evaluation assigned a National Register Status Code 3 and recommended that the property was eligible for listing in the National Register of Historic Places (NRHP) under Criterion C for its architecture. The property was subsequently recorded and evaluated in November 2004 by Jessica Herrick of JRP Historical Consulting, who noted that the property was unaltered since its recording in 1979 and appeared to remain eligible for listing in the NRHP and, as a result, also appeared eligible for listing in the California Register of Historical Resources (CRHR) for its architecture. Herrick also noted that the property was designated as a City of Berkeley Landmark.

In 2014, Sarah Hahn of Architectural Resources Group evaluated the property finding that the Shattuck Hotel and former Hink's Department Store appeared eligible for listing in the NRHP/CRHR under Criterion 1 for its association with Berkeley's early commercial development and under NRHP/CRHR under Criterion 3 as a distinctive example of the Mission Revival style architecture in Berkeley's downtown and for its association with architect Benjamin McDougall. It further refined previous evaluations to clarify that the eligible resource included the original construction and the additions completed in 1912, 1913, and 1926, but did not include the building's 1959 addition, referred to as Hink's Building, due to a loss of integrity from a number of alterations.

In 2015, the building was recorded as part of the Shattuck Avenue Downtown Historic District evaluation performed by Franklin Maggi of Archives & Architecture. The updated recording notes the earliest previous evaluations and findings and adds that the building was determined eligible for listing in the NRHP under Criterion C by consensus through a Section 106 process and added to the CRHR in March 2006. The evaluation but does not, however, reference the 2014 evaluation performed by Architectural Resources Group.

The current survey update of the subject property was conducted as a part of the 2065 Kittredge Street Project in Alameda County, California. Since the property was last evaluated in 2015, there have been no visible alterations and there is no evidence to suggest that it would no longer be eligible for federal, state, or local designation. In concurrence with the previous evaluations, this study recommends that Shattuck Hotel eligible for listing in the NRHP, CRHR, and for local designation as a City of Berkeley Landmark, including the 2014 Architectural Resources Group determination that the 1959 Hink's Building is a non-contributing element of the historical resource.

Shattuck Hotel, east and north elevations, view southwest.

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
CONTINUATION SHEET

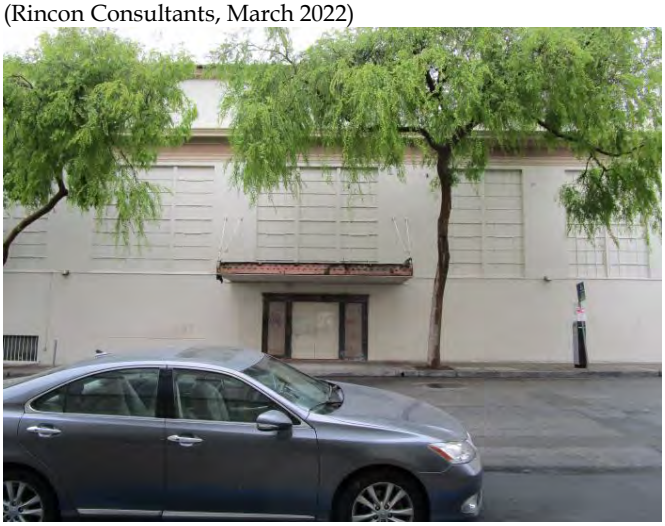
Primary #
HRI#
Trinomial

Page 2 **of** 3 ***Resource Name or #** (Assigned by recorder) Shattuck Hotel

***Recorded by:** JulieAnn Murphy, Rincon Consultants ***Date:** March 2022 ☐ Continuation ■ Update

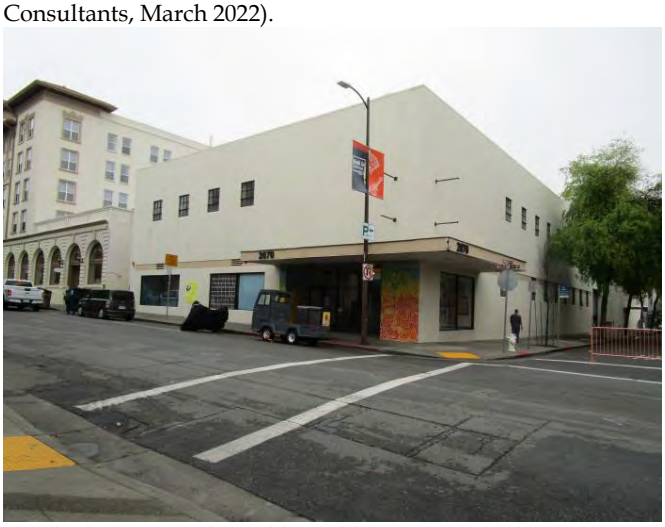
Shattuck Hotel, south and east elevations, view northwest. (Rincon Consultants, March 2022)

Detail of northeast corner of Shattuck Hotel. (Rincon Consultants, March 2022)



South elevation across Kittridge, view north. (Rincon Consultants, March 2022).

West elevation across Kittridge, view northeast. (Rincon Consultants, March 2022).



North elevation with Hink's Building (non-contributing) in foreground, view southeast. (Rincon Consultants, March 2022)

North elevation, view southeast. (Rincon Consultants, March 2022).

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
CONTINUATION SHEET

Primary #
HRI#
Trinomial

 ***Resource Name or #** (Assigned by recorder) Shattuck Hotel

***Recorded by:** JulieAnn Murphy, Rincon Consultants ***Date:** March 2022 ☐ Continuation ■ Update

References

Architectural Resources Group
2014 Department of Parks and Recreation, 523 Form, 2200 Shattuck Avenue/2065 Kittredge Street. Architectural Resources Group, "2211 Harold Way Historical Resources Technical Report."

Archives & Architecture
2015 Department of Parks and Recreation, 523 Form, Shattuck Hotel. Document on file at Northwest Information Center, California State University, Sonoma.

Berkeley Architectural Heritage Association
1978 Department of Parks and Recreation, 523 Form, Shattuck Hotel: Shattuck Avenue and Allston Way. Document on file at Northwest Information Center, California State University, Sonoma.

JRP Historical Consulting
2004 Department of Parks and Recreation, 523 Form, Map Reference No. 01-21. Document on file at Northwest Information Center, California State University, Sonoma.

Appendix D

Traffic Impact Report

Traffic Impact Report

2065 Kittredge Street Residential Project

City of Berkeley

Prepared by:
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Abrams Associates
TRAFFIC ENGINEERING, INC.

December 10, 2021

Abrams Associates
TRAFFIC ENGINEERING, INC.

2065 Kittredge Street Residential Project
in the
City of Berkeley

TRAFFIC IMPACT REPORT

1) EXECUTIVE SUMMARY

The 2065 Kittredge Street residential project would involve construction of an eight-story student apartment building. The project is proposed to include a total of 191 apartments and a single-level below grade parking garage that would accommodate 43 vehicles using parking lifts. The site has an existing three-story building that would be demolished as part of the project. The existing building has 95,000 square feet of space that has been previously occupied by service and office uses. **Figure 1** shows the location of the project and the surrounding roadway network. **Figure 2** shows the ground floor site plan for the project**.** Based on the trip generation forecasts the project would generate about 36 vehicle trips during the AM peak hour and about 38 trips during the PM peak hour. A detailed review of the project's design and an analysis conducted according to the City's guidelines indicated there would be no significant transportation impacts according to the City's significance criteria and, subject to City approval, no off-site traffic or transportation mitigations would be required.[1] The project would also have a less than significant impact on vehicle miles traveled in the area, according to the City's adopted standards.[2]

2) INTRODUCTION

This transportation impact analysis describes the existing and baseline conditions for transportation and circulation both with and without the proposed project. The study presents information on the regional and local roadway networks, the pedestrian and transit conditions, and provides an analysis of the effects on transportation facilities associated with the project. This study also describes the regulatory setting; the criterion used for determining the significance of environmental impacts; and summarizes potential environmental impacts and appropriate mitigation measures when necessary. This study has been conducted in accordance with the requirements and methodologies set forth by the City of Berkeley, Alameda County, Caltrans, and the applicable provisions of CEQA.

[1] *Guide for Development of Traffic Impact Reports*, City of Berkeley Office of Transportation, Berkeley, CA, January, 2009.
[2] *General Plan Amendment: Vehicle Miles Traveled (VMT) for Transportation Impact Analysis under the California Environmental Quality Act (CEQA)*, Planning Commission Staff Report, Planning and Development Department, City of Berkeley, September 2, 2020.

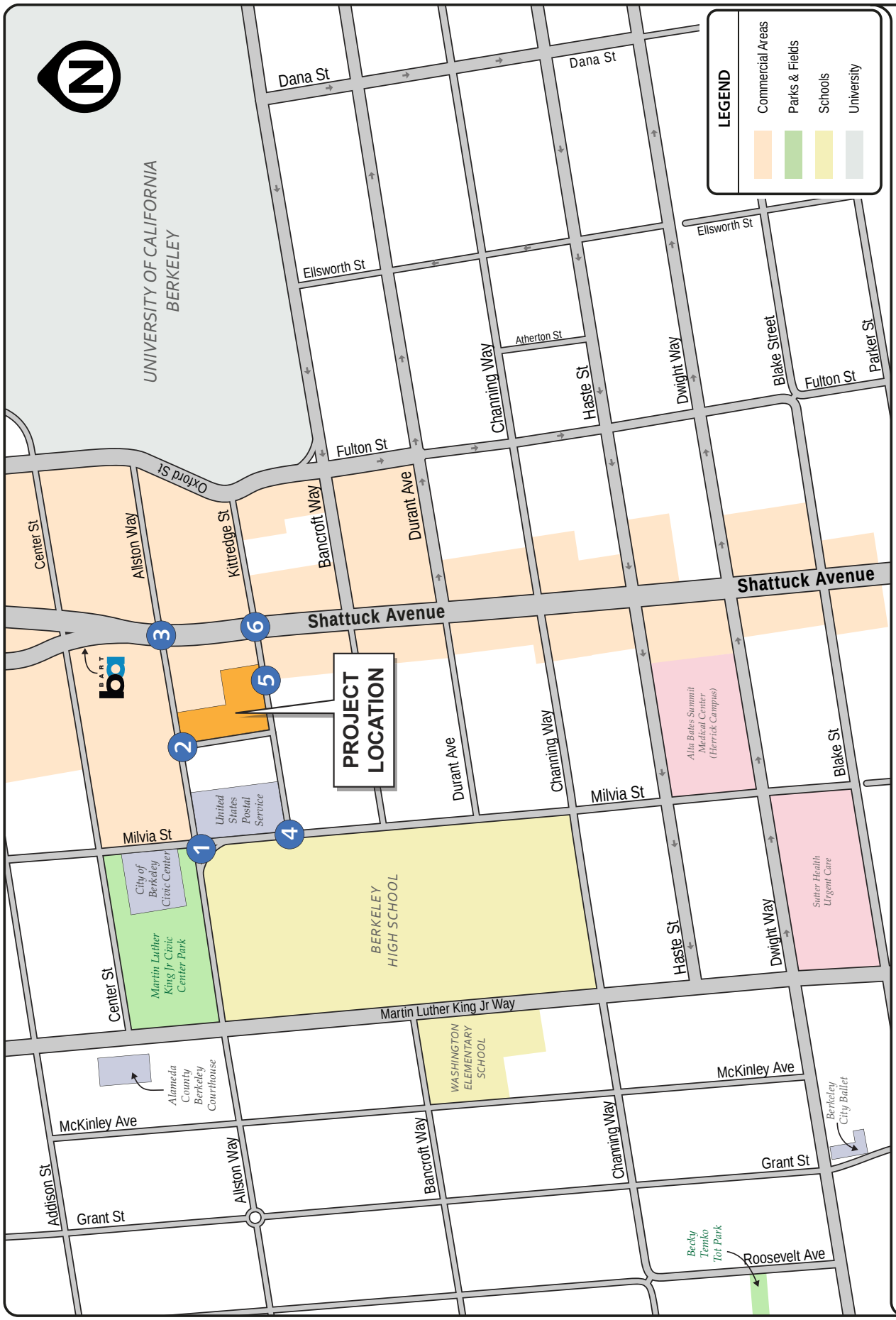

FIGURE 1 | PROJECT LOCATION AND PRELIMINARY STUDY INTERSECTIONS
TRAFFIC IMPACT REPORT
2065 Kittredge Street Project
City of Berkeley

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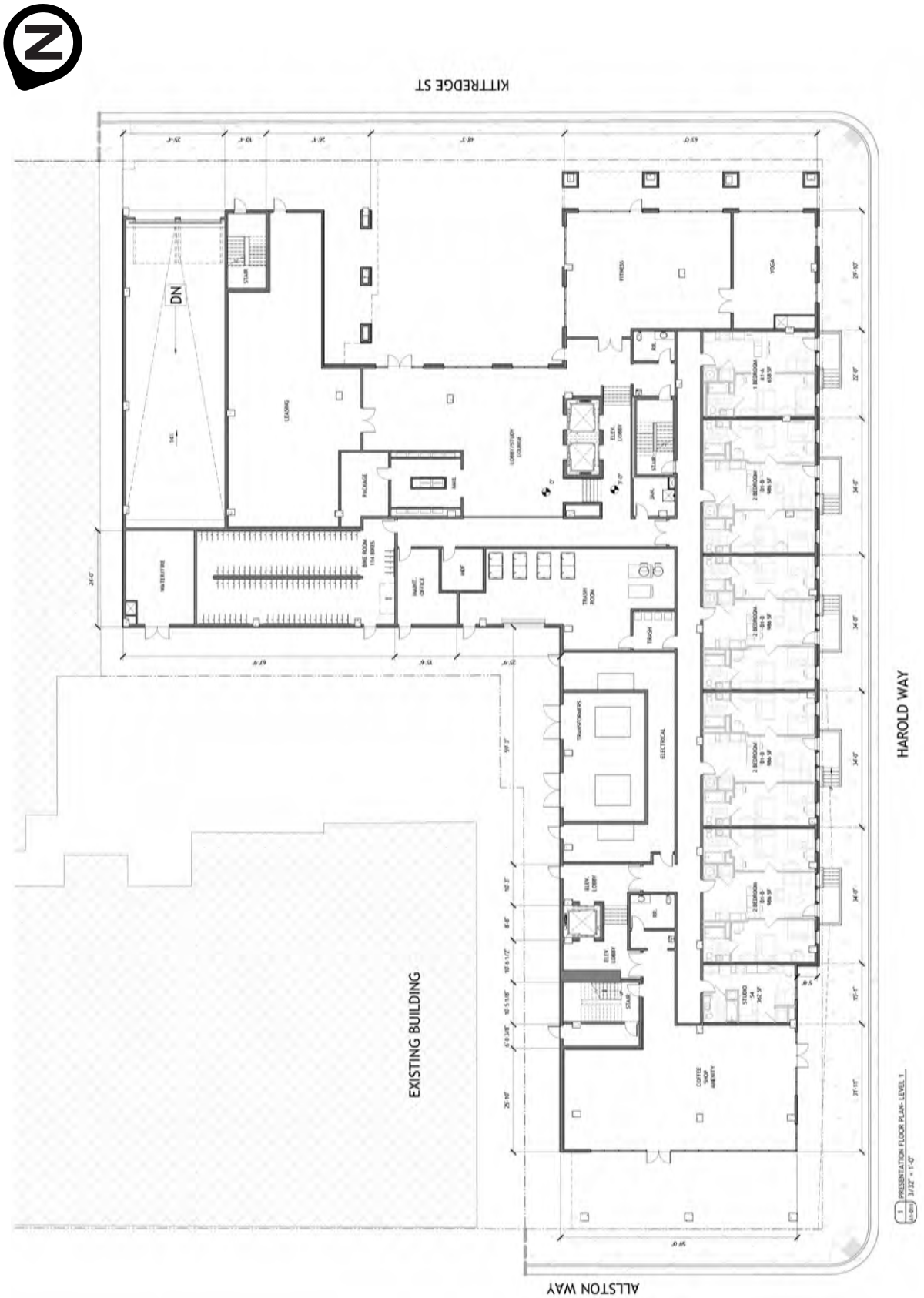

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FIGURE 2 | SITE PLAN
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2065 Kittredge Street Project
City of Berkeley

3) ENVIRONMENTAL SETTING

This section of the report describes the roadways, traffic conditions and other existing transportation characteristics in the vicinity of the project. The primary basis for the traffic operations portion of the analysis is the peak hour level of service at the key study intersections. In this report, these peak commute hours will be identified as the AM and PM peak hours.

3.3 Project Study Intersections

To provide a baseline for identification of impacts on the local roadway network, existing traffic operating conditions have been determined for the key local intersections that may be affected by the project. For this analysis six study intersections were selected in coordination with City staff based on the City's Guidelines for Development of Traffic Impact Reports and their potential to be impacted by the proposed project. The six study intersections are:

1. *Allston Way at Milvia Street*
2. *Allston Way at Harold Way*
3. *Allston Way at Shattuck Avenue*
4. *Kittredge Street at Milvia Street*
5. *Kittredge Street at the Project's Garage Entrance*
6. *Kittredge Street at Shattuck Way*

3.2 Traffic Analysis Scenarios

The study intersections were evaluated for the following four scenarios:

- Scenario 1: *Existing Conditions* – Level of Service (LOS) based on existing peak hour volumes and existing intersection configurations.
- Scenario 2: *Existing Plus Project* – Existing traffic volumes plus trips from the proposed project.
- Scenario 3: *Baseline (No Project) Conditions* – The Baseline scenario is based on pre-Covid volumes based on counts taken in 2018.
- Scenario 4: *Baseline Plus Project Conditions* – This scenario is based on the Baseline traffic volumes plus the trips that would be generated by the proposed project.

3.3 Existing Roadway Network

As shown on **Figure 1**, the roads that would be primarily affected by the project are Kittredge

Street, Allston Way, Milvia Street, Shattuck Avenue, and Harold Way. The following is a brief description of these roadways:

- **Kittredge Street –** Kittredge Street is only a few blocks long, extending east from Milvia Street to terminate to the east at Oxford Street. It serves school, residential and commercial traffic and a two lane street with stop controls at all intersections except Shattuck Avenue, where there is a traffic signal.

- **Allston Way –** Allston Way extends east from Berkeley Aquatic Park across town to terminate to the east at Oxford Street. It serves school, residential and commercial traffic and is one way westbound to the east of Shattuck Avenue.

- **Milvia Street** – Milvia Street is a two-lane collector street extending north from Russell Road to Yolo Avenue. It serves school, residential and commercial traffic and is designated as an important north-south bicycle boulevard.

- **Shattuck Avenue** – Shattuck Avenue is a four-lane arterial roadway extending south from Vine Street to terminate to the south at Telegraph Avenue in the City of Oakland. It serves school, residential and commercial traffic and is an important north-south travel route. It is designated as a major street and a primary transit route in the City's General Plan.

- **Harold Way –** Harold Way is a two lane roadway that extends just one block from Allston Way to Kittredge Drive. It serves school, residential and commercial traffic and forms the western boundary of the project site.

3.4 Accident History

Caltrans has established restrictions on the use of multi-way stop signs and the California Manual of Uniform Traffic Control Devices (MUTCD) provides detailed guidance on when multi-way stop applications and traffic signals are appropriate.[1] Caltrans' guidelines state that a traffic signal or all-way stop control shall be considered if: "*Five or more reported crashes, of types susceptible to correction by a traffic control signal, have occurred within a 12-month period, each crash involving personal injury or property damage apparently exceeding the applicable requirements for a reportable crash*". A detailed review of the accident history in the study area (back to 2012) was conducted using data available from the California Highway Patrol's Statewide Integrated Traffic Records System (SWITRS). This data is included in the technical appendix and verifies the existing accident history in the area would not warrant installation of additional traffic signals, multi-way stop control, or other safety measures.

[1] *California MUTCD*, Chapter 2B, Caltrans, Sacramento, CA, November 7, 2014.

3.5 Intersection Analysis Methodology

Existing operational conditions at the study intersection were evaluated according to the requirements set forth by the City of Berkeley. Analysis of traffic operations was conducted using the 6th Edition of the *Highway Capacity Manual* (*HCM*) Level of Service (LOS) methodology with Synchro software.[1]

Level of service is an expression, in the form of a scale, of the relationship between the capacity of an intersection (or roadway segment) to accommodate the volume of traffic and the traffic moving through it at any given time. The level of service scale describes traffic flow with six ratings ranging from A to F, with "A" indicating relatively free flow of traffic and "F" indicating stop-and-go traffic characterized by traffic jams.

As the amount of traffic moving through a given intersection or roadway segment increases, the traffic flow conditions that motorists experience rapidly deteriorate as the capacity of the intersection or roadway segment is reached. Under such conditions, there is general instability in the traffic flow, which means that relatively small incidents (e.g., momentary engine stall) can cause considerable fluctuations in speeds and delays that lead to traffic congestion. This near-capacity situation is labeled level of service (LOS) E.

Beyond LOS E, the intersection or roadway segment capacity has effectively been exceeded, and arriving traffic will exceed the ability of the intersection to accommodate it. **Table 1** summarizes the relationship between LOS, average control delay, and the volume to capacity ratio at signalized intersections. **Table 2** summarizes the relationship between LOS and delay at unsignalized intersections

For signalized intersections, The City of Berkeley's LOS standards are based on the average delay for the entire intersection. The *HCM* methodology determines the capacity of each lane group approaching the intersection. The LOS is then based on average control delay (in seconds per vehicle) for the various movements within the intersection. A combined weighted average control delay and LOS are presented for the intersection. A summary of the HCM results and copies of the detailed HCM LOS calculations are included in the appendix to this report.

For unsignalized (all-way stop controlled and two-way stop controlled) intersections, the average control delay and LOS operating conditions are calculated by approach (e.g., northbound) and movement (e.g., northbound left-turn) for those movements that are subject to delay. Operating conditions for unsignalized intersections are presented for the worst approach.

[1] *6th Edition of the Highway Capacity Manual*, Transportation Research Board, Washington D.C., 2016.

TABLE 1
SIGNALIZED INTERSECTION LEVEL OF SERVICE DEFINITIONS

Level of Service	Description of Operations	Average Delay (sec/veh)	Volume to Capacity Ratio
A	Insignificant Delays: No approach phase is fully used and no vehicle waits longer than one red indication.	≤ 10	< 0.60
B	Minimal Delays: An occasional approach phase is fully used. Drivers begin to feel restricted.	> 10 to 20	> 0.61 to 0.70
C	Acceptable Delays: Major approach phase may become fully used. Most drivers feel somewhat restricted.	> 20 to 35	> 0.71 to 0.80
D	Tolerable Delays: Drivers may wait through no more than one red indication. Queues may develop but dissipate rapidly without excessive delays.	> 35 to 55	> 0.81 to 0.90
E	Significant Delays: Volumes approaching capacity. Vehicles may wait through several signal cycles and long vehicle queues from upstream.	> 55 to 80	> 0.91 to 1.00
F	Excessive Delays: Represents conditions at capacity, with extremely long delays. Queues may block upstream intersections.	> 80	> 1.00

SOURCES: *Highway Capacity Manual, Sixth Edition*, Transportation Research Board, 2016.

TABLE 2
UNSIGNALIZED INTERSECTION LEVEL OF SERVICE DEFINITIONS

Level of Service	Description of Operations	Average Delay (seconds/vehicle)
A	No delay for stop-controlled approaches.	0 to 10
B	Operations with minor delays.	> 10 to 15
C	Operations with moderate delays.	> 15 to 25
D	Operations with some delays.	> 25 to 35
E	Operations with high delays and long queues.	> 35 to 50
F	Operation with extreme congestion, with very high delays and long queues unacceptable to most drivers.	> 50

SOURCE: *Highway Capacity Manual, Sixth Edition*, Transportation Research Board, 2016.

3.6 Existing Intersection Capacity Conditions

The existing intersection geometry at the project study intersections is presented in **Figure 3**. The existing traffic volumes at these intersections for the weekday AM and PM peak hours are presented in **Figure 4**. Traffic counts at the intersection were conducted in December of 2021 when UC Berkeley was still in session. **Table 3** summarizes the associated LOS computation results for the existing weekday AM and PM peak hour conditions at these intersections. As shown in **Table 3**, all of the study intersections currently have acceptable conditions (LOS D or better). Please note the detailed LOS calculations are included in the appendix to this report**.**

3.7 Pedestrian and Bicycle Facilities

Bicycle paths, lanes and routes are typical examples of bicycle transportation facilities, which are defined by Caltrans as being in one of the following four classes:

Class I – Provides a completely separated facility designed for the exclusive use of bicyclists and pedestrians with crossing points minimized.
Class II – Provides a restricted right-of-way designated lane for the exclusive or semi-exclusive use of bicycles with through travel by motor vehicles or pedestrians prohibited, but with vehicle parking and cross-flows by pedestrians and motorists permitted.
Class III – Provides a right-of-way designated by signs or permanent markings and shared with pedestrians and motorists.
Class IV – Provides an adjacent bike lane or bikeway that is physically separated from motor vehicle traffic.

In the vicinity of the project Milvia Street is a Class III bike route and is designated as a bicycle boulevard with signage and markings encouraging motorists to share the road with bicyclists.

TABLE 3
EXISTING INTERSECTION LEVEL OF SERVICE CONDITIONS

	INTERSECTION	CONTROL	PEAK HOUR	EXISTING	
				Delay	LOS
1	ALLSTON WAY & MILVIA STREET	Signalized	AM	16.9	B
			PM	17.7	B
2	ALLSTON WAY & HAROLD WAY	Side Street Stop	AM	9.3	A
			PM	9.8	A
3	ALLSTON WAY & SHATTUCK AVENUE	Signalized	AM	7.8	A
			PM	8.0	A
4	KITTREDGE STREET & MILVIA STREET	All Way Stop	AM	8.3	A
			PM	9.0	A
5	KITTREDGE STREET & PROJECT ACCESS	Side Street Stop	AM	N/A	N/A
			PM	N/A	N/A
6	KITTREDGE STREET & SHATTUCK AVENUE	Signalized	AM	7.9	A
			PM	10.0	B

SOURCE: Abrams Associates, 2021

NOTES: HCM LOS results are presented in terms of average intersection delay in seconds per vehicle.

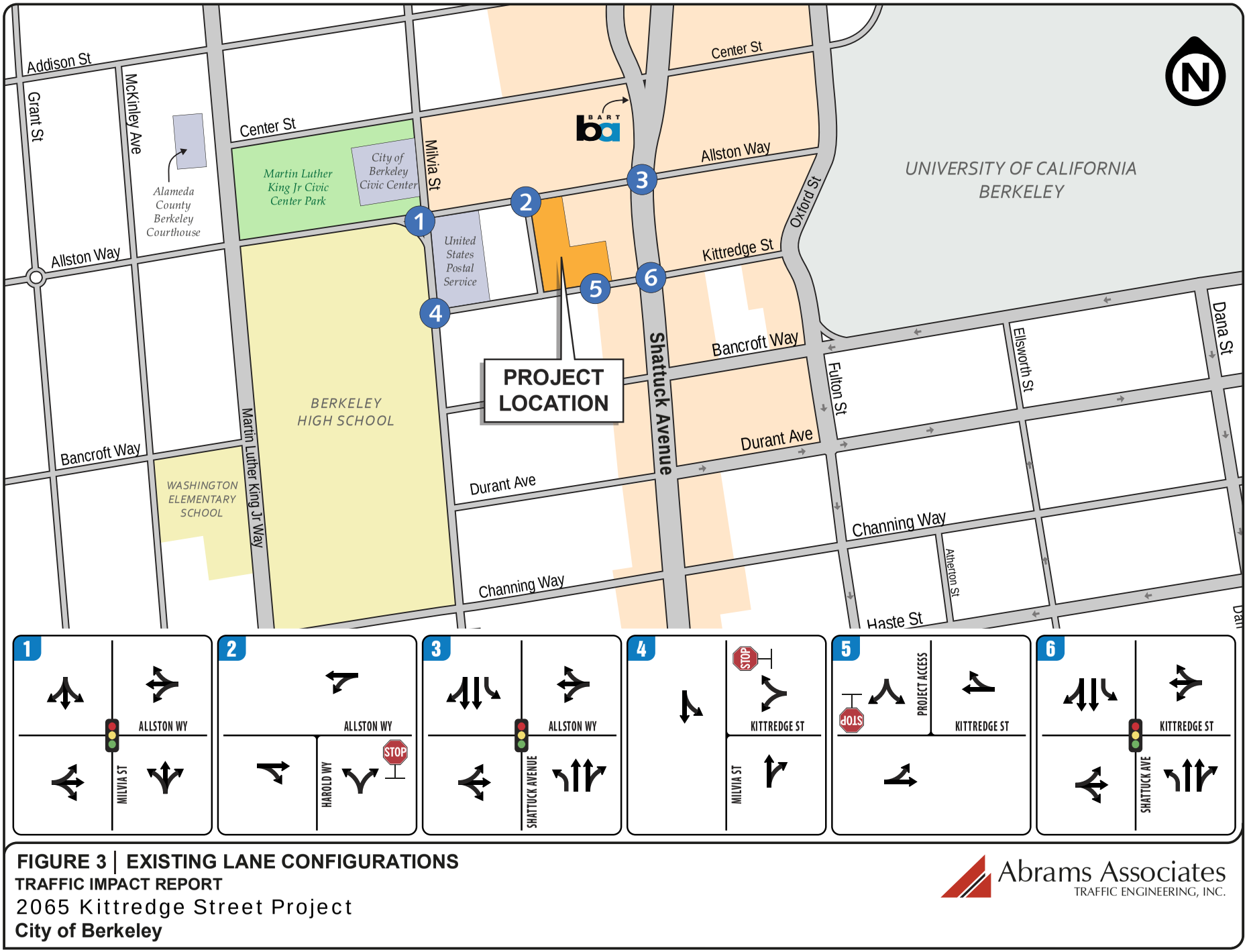

FIGURE 3 | EXISTING LANE CONFIGURATIONS
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2065 Kittredge Street Project
City of Berkeley

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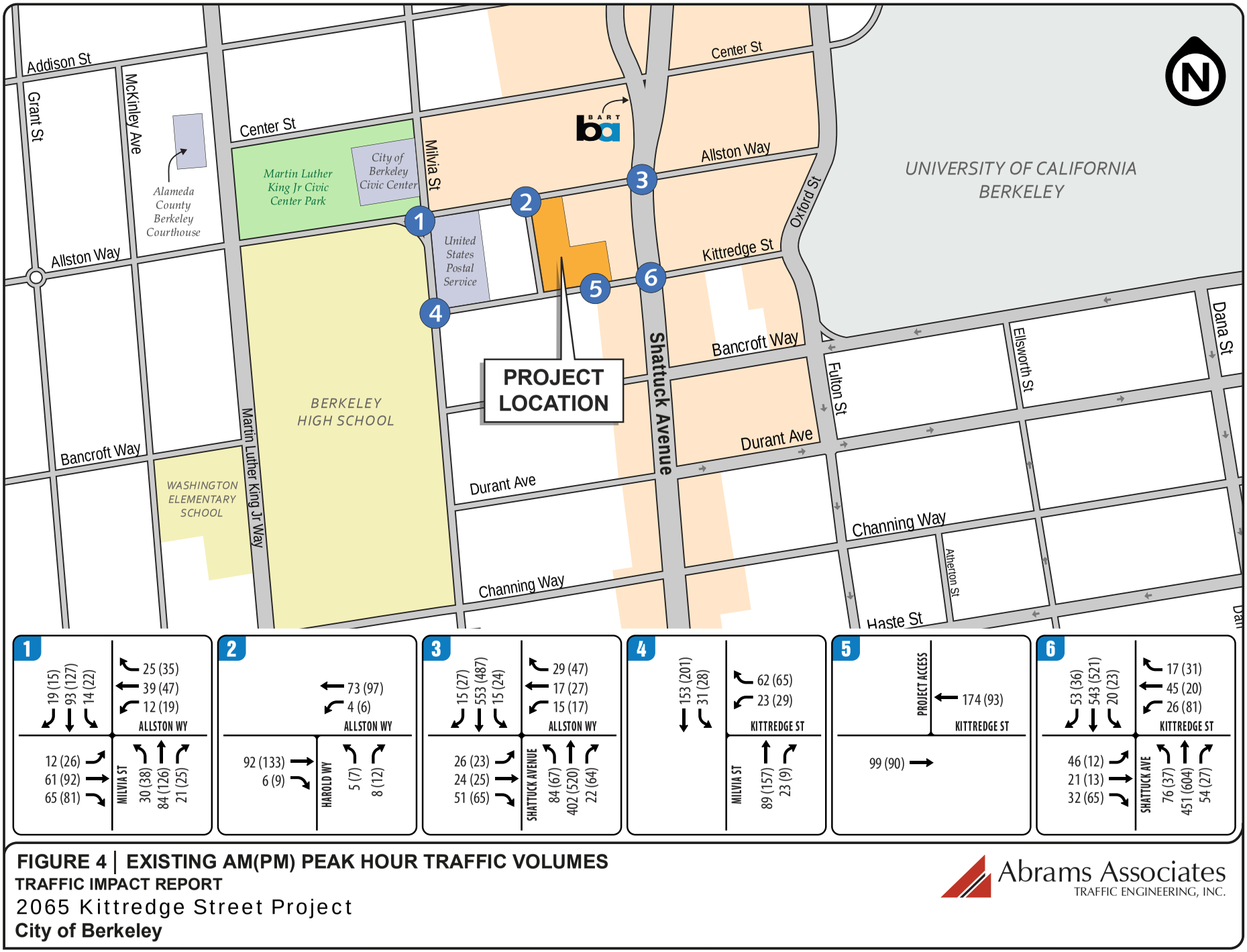

FIGURE 4 | EXISTING AM(PM) PEAK HOUR TRAFFIC VOLUMES
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2065 Kittredge Street Project
City of Berkeley

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3.8 Transit Service

The Downtown Berkeley BART station is located less than two blocks from the project site. This station is located on the Richmond-Fremont Line which connected to other destinations in the Bay Area at the MacArthur Station. There is also direct service to Downtown San Francisco as well as continuing service to Milbrae. There is also extensive bus transit service provided by Alameda-Contra Costa County Transit (AC Transit) at the BART Station. In addition to local bus routes 6, 18, 51B, and 79, the following special lines operate less than a block from the project:

> **800:** (All Nighter) Richmond BART to Market St. and Van Ness Ave, S.F., via Macdonald Ave, San Pablo Ave, University Ave, Telegraph Ave and downtown Oakland. Returns via Market St. and West Oakland BART.
> **851:** (All Nighter) Downtown Berkeley to Fruitvale BART via Southside Berkeley (UC campus), College Ave., Broadway, downtown Oakland, Webster St., Santa Clara Ave., Broadway, and Fruitvale Ave.
> **F:** (Transbay) UC Campus to Transbay Temporary Terminal, San Francisco via Shattuck Ave, Adeline St and 40th St.

Please note the nearest bus stops are less than a block from the project site at Shattuck Avenue and Kittredge Street.

4) REGULATORY CONTEXT

Existing policies, laws and regulations that apply to the proposed project are summarized below.

4.1 State

The California Department of Transportation (Caltrans) has jurisdiction over State highways and any improvements to these roadways would require Caltrans' approval.

4.2 Local

City of Berkeley General Plan - The Transportation and Circulation Element the City of Berkeley General Plan addresses the location and extent of existing and planned transportation routes, terminals, and other local public utilities and facilities. The General Plan identifies roadway and transit goals and policies that have been adopted to ensure that the transportation system of the City will have adequate capacity to serve planned growth. These goals and policies are intended to provide a plan and implementation measures for an integrated, multi-modal transportation system that will safely and efficiently meet the transportation needs of all economic and social segments of the City.

4.3 Significance Criteria

The City's level of service standard states that an impact is significant when the criteria are reduced from LOS A, B, C, or D to LOS E (with the addition of two (2) seconds of average

delay) for signalized intersections. Intersections that exceed this service level threshold are considered to be impacted and should be considered for mitigation. Exceptions to the LOS D standard arise when the project is not expected to add more than two seconds at an intersection going from LOS D to LOS E or more than three seconds of delay at an intersection that is already operating at LOS E. In addition, it would also be considered a significant impact if a project would increase the volume to capacity (V/C) ratio by more than 0.01 at a signalized intersection that is already operating at LOS F. For unsignalized intersections, additional considerations are involved, including the number of vehicles on the critical approach, vehicles contributed by the proposed project, and signal warrant analysis. At an unsignalized intersection, mitigation is required if a movement is LOS F, the peak hour signal warrant is met, and a minimum of 10 vehicles are added to the critical movement. In this case the project has not been found to have any significant impacts but according to CEQA guidelines, a project would also have a significant impact if it would:

- Conflict with a plan, ordinance or policy establishing measures of effectiveness for the performance of the circulation system, including transit, roadway, bicycle and pedestrian facilities.
- Would the project conflict with or be inconsistent with CEQA Guidelines Section 15064.3 subdivision (b)?
- Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g. farm equipment).
- Result in inadequate emergency vehicle access.

It should again be noted that this project has not been found to have any significant impacts according to CEQA and the above-mentioned criteria are presented for informational purposes.

5) IMPACTS AND MITIGATION MEASURES

5.1 Project Trip Generation

The vehicle trip generation for the project is shown in **Table 4**. The trip generation rates are based on the ITE rates for apartments in the center city core, close to rail transit (Land Use 221) taken from the 10th Edition of the Institute of Transportation Engineers (ITE) Trip Generation Manual. The ITE trip rates for apartments are generally representative of apartment buildings with a mixture of one- and two-bedroom apartments, with studios sometimes included, for an average of no more than about 2 bedrooms per unit. For this project there are eleven three-bedroom units included, so for the purposes of the trip generation each of the three-bedroom units were counted as two units. Based on the trip generation forecasts the project would generate about 36 vehicle trips during the AM peak hour and 38 trips during the PM peak hour.

TABLE 4
TRIP GENERATION CALCULATIONS

Land Use	ITE Code	Size	ADT	AM Peak Hour			PM Peak Hour		
				In	Out	Total	In	Out	Total
ITE Apartment Rates - Trips per Unit	221		1.94	0.06	0.12	0.18	0.12	0.07	0.19
Project Trip Generation		**202 units[1]**	**392**	**11**	**25**	**36**	**23**	**15**	**38**

SOURCE: Institute of Transportation Engineers Trip Generation Manual (11th Edition).
NOTE: [1] The project is only proposing to include only 191 units but for the purposes of the trip generation calculations the eleven 3-bedroom units were counted as two units each.

5.2 Project Trip Distribution

The trip distribution assumptions have been based on the existing traffic count data including daily directional volume and peak-hour turning movements, the Alameda County travel demand model, and knowledge of the surrounding area such as commute patterns and the overall land use patterns in the area. **Figure 5** shows the project traffic that would be added at the project study intersections.

5.3 Existing Plus Project Intersection Capacity Conditions

This scenario evaluates the existing conditions with the addition of traffic from the proposed project. A comparison of the capacity calculations for the conditions with the addition of traffic from the project is shown in **Table 5**. **Figure 6** presents the existing plus project volumes used in the analysis. The corresponding LOS analysis calculation sheets are presented in the Traffic Analysis Appendix. As shown in **Table 5**, all of the study intersections would continue to have acceptable conditions (LOS D or better) during the weekday AM and PM peak hours. Therefore, the addition of traffic to these intersections would not be considered a significant impact according to City of Berkeley guidelines.

5.4 Baseline Intersection Capacity Conditions

For background conditions the pre-Covid volumes from traffic counts taken in 2018 were used. These were substantially higher than the existing traffic counts and represent a conservative estimate of post-pandemic conditions. **Figure 7** presents the resulting baseline volumes at each of the project study intersections **Table 5** summarizes the LOS results for the Baseline and Baseline Plus Project weekday AM and PM peak hour conditions. The corresponding LOS analysis calculation sheets are presented in the *Traffic Analysis Appendix*. As shown in **Table 5**, all of the study intersections currently have acceptable conditions (LOS D or better) during the weekday AM and PM peak hours. Please note the detailed LOS calculations are included in the technical appendix to this report**.**

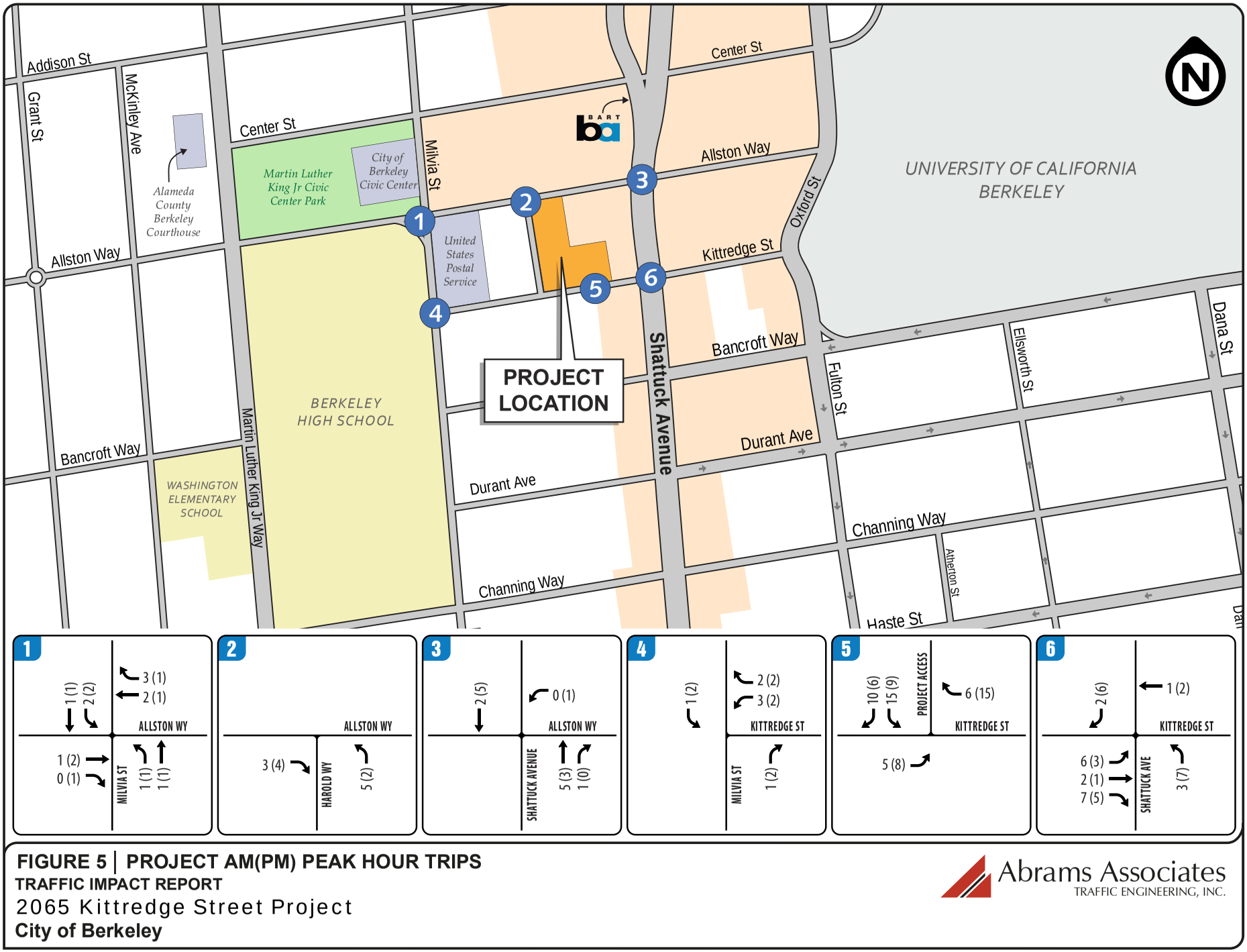

FIGURE 5 | PROJECT AM(PM) PEAK HOUR TRIPS
TRAFFIC IMPACT REPORT
2065 Kittredge Street Project
City of Berkeley

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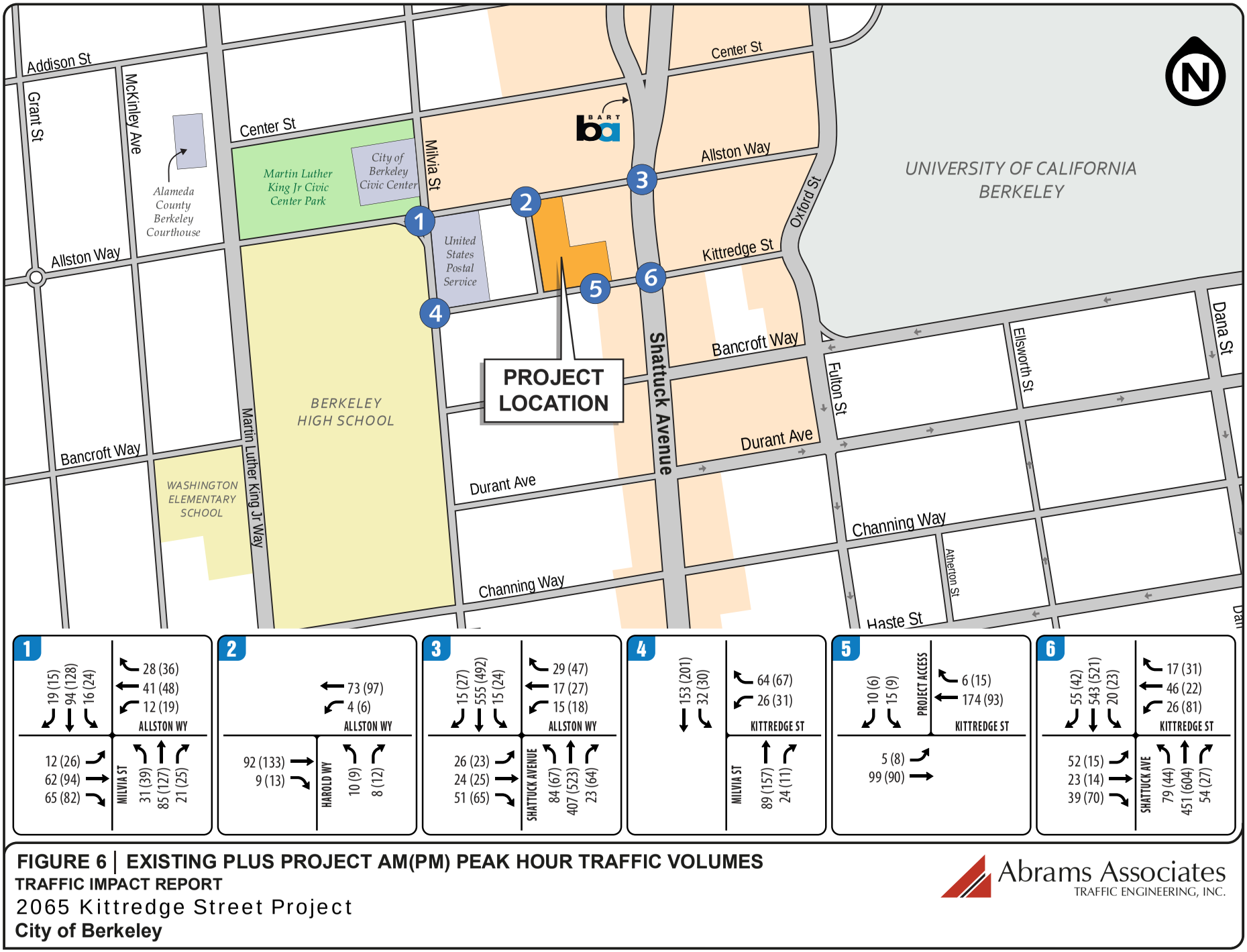

FIGURE 6 | EXISTING PLUS PROJECT AM(PM) PEAK HOUR TRAFFIC VOLUMES
TRAFFIC IMPACT REPORT
2065 Kittredge Street Project
City of Berkeley

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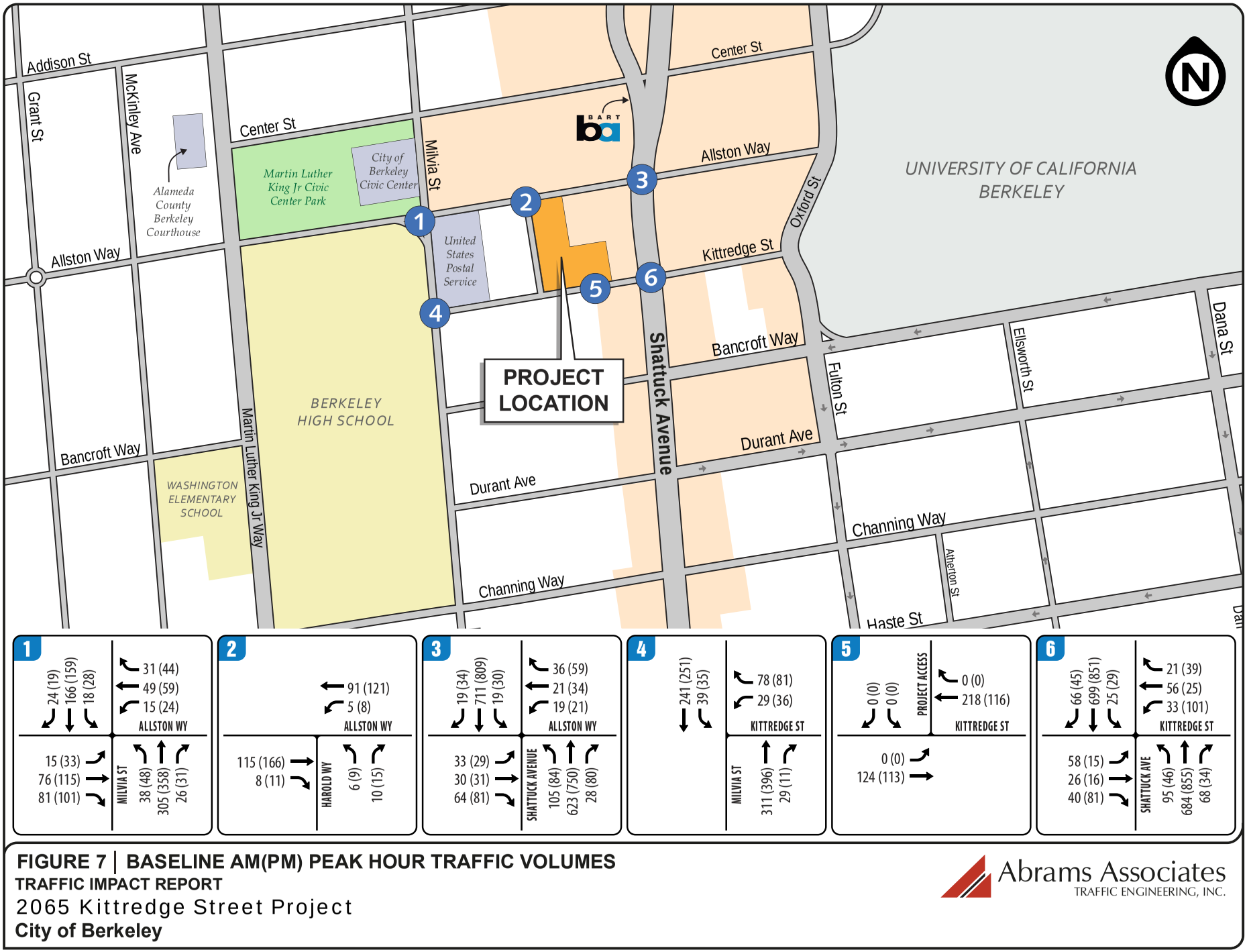

FIGURE 7 | BASELINE AM(PM) PEAK HOUR TRAFFIC VOLUMES
TRAFFIC IMPACT REPORT
2065 Kittredge Street Project
City of Berkeley

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TABLE 5
EXISTING PLUS PROJECT INTERSECTION LEVEL OF SERVICE CONDITIONS

	INTERSECTION	CONTROL	PEAK HOUR	EXISTING		EXISTING PLUS PROJECT	
				Delay	LOS	Delay	LOS
1	ALLSTON WAY & MILVIA STREET	Signalized	AM	16.9	B	17.0	B
			PM	17.7	B	17.7	B
2	ALLSTON WAY & HAROLD WAY	Side Street Stop	AM	9.3	A	9.5	A
			PM	9.8	A	9.9	A
3	ALLSTON WAY & SHATTUCK AVENUE	Signalized	AM	7.8	A	7.8	A
			PM	8.0	A	8.0	A
4	KITTREDGE STREET & MILVIA STREET	All Way Stop	AM	8.3	A	8.3	A
			PM	9.0	A	8.9	A
5	KITTREDGE STREET & PROJECT ACCESS	Side Street Stop	AM	N/A	N/A	10.5	B
			PM	N/A	N/A	9.8	A
6	KITTREDGE STREET & SHATTUCK AVENUE	Signalized	AM	7.9	A	8.2	A
			PM	10.0	B	10.1	B

SOURCE: Abrams Associates, 2021

NOTES: HCM LOS results are presented in terms of average intersection delay in seconds per vehicle.

TABLE 6
BASELINE PLUS PROJECT INTERSECTION LEVEL OF SERVICE CONDITIONS

	INTERSECTION	CONTROL	PEAK HOUR	BASELINE		BASELINE PLUS PROJECT	
				Delay	LOS	Delay	LOS
1	ALLSTON WAY & MILVIA STREET	Signalized	AM	16.2	B	16.3	B
			PM	17.4	B	17.5	B
2	ALLSTON WAY & HAROLD WAY	Side Street Stop	AM	9.6	A	9.7	A
			PM	10.2	B	10.3	B
3	ALLSTON WAY & SHATTUCK AVENUE	Signalized	AM	8.0	A	7.9	A
			PM	8.8	A	8.8	A
4	KITTREDGE STREET & MILVIA STREET	All Way Stop	AM	10.9	B	10.9	B
			PM	12.2	B	12.3	B
5	KITTREDGE STREET & PROJECT ACCESS	Side Street Stop	AM	N/A	N/A	11.0	B
			PM	N/A	N/A	10.1	B
6	KITTREDGE STREET & SHATTUCK AVENUE	Signalized	AM	8.7	A	9.0	A
			PM	10.8	B	10.9	B

SOURCE: Abrams Associates, 2021

NOTES: HCM LOS results are presented in terms of seconds per vehicle.

5.5 Baseline *Plus Project* Intersection Capacity Conditions

The Baseline plus proposed project traffic forecasts were developed by adding project-related traffic to the baseline traffic volumes. As noted above, **Table 6** summarizes the LOS results for the Baseline Plus Project weekday AM and PM peak hour conditions (i.e. the existing roadway network). **Figure 8** presents the resulting baseline plus project volumes at each of the project

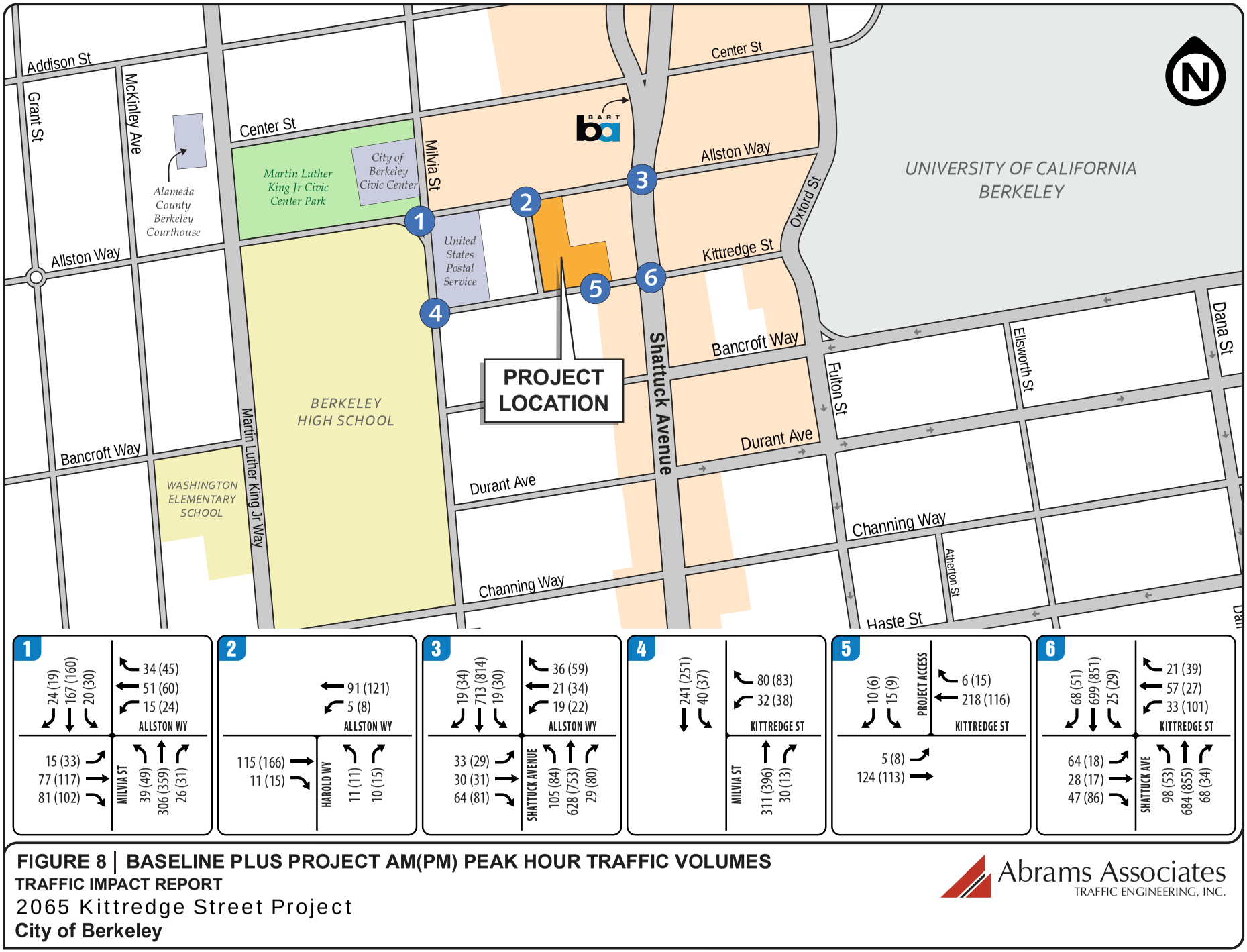

FIGURE 8 | BASELINE PLUS PROJECT AM(PM) PEAK HOUR TRAFFIC VOLUMES
TRAFFIC IMPACT REPORT
2065 Kittredge Street Project
City of Berkeley

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study intersections. Please note that the corresponding LOS analysis calculation sheets are presented in the appendix. As shown in **Table 6**, all of the study intersections would continue to have acceptable conditions (LOS D or better) during the weekday AM and PM peak hours and the addition of project traffic to these intersections would not be considered a significant impact according to the standards established by the City of Berkeley.

5.6 Internal Circulation and Access

No site circulation or access issues have been identified that would cause any traffic safety issues or any unusual traffic congestion or delay. Accident records for surrounding streets within a block of the project site and for each of the study intersections are included in the technical appendix to this report.

5.7 Parking

This section discusses the City of Berkeley's zoning and estimated parking demand for the project. Section 23E.56 of the Berkeley Municipal Code specifies that no parking spaces are required for projects within the downtown specific plan area. The code also specifies that occupants of residential units without parking shall not be entitled to receive parking permits under the Residential Permit Parking Program. In addition, all use permits issues shall be subject to a condition of approval requiring payment of a Transportation Services Fee if and when adopted. Please note the BMC sections that apply to this site do not require bicycle parking for residential uses. It should also be noted that there are draft bicycle parking standards that have been proposed that, once approved, would increase the bicycle parking requirements for the project. Based on the draft standards the project would require 194 long term bicycle parking spaces and also 15 short term spaces.

Parking Demand in Berkeley - For this location on a major bus route the parking demand would be less than the typical ITE rate in the Parking Generation Manual. This is based on many of the same characteristics that are discussed in the trip generation section. The availability of transit, the use of bicycles, and the attractiveness of walking in a mixed-use environment clearly results in reduced vehicle trip generation and an associated reduction in the need for parking. Since Berkeley has numerous opportunities for public transportation and the apartment residents are not all expected to have personal vehicles, it is anticipated that a substantial portion of all travel will occur by walking, bicycling, and through the use of public transit. Please note in addition to being less than two blocks from a BART station there are bus stops near the site that include access to local routes as well as transbay and all-nighter bus routes.

Summary of Findings on Parking - Based on these the above factors, the residential parking could still meet the City's zoning requirements, subject to approval by the City. With an approved use permit the zoning could allow the project to proceed with the proposed 43 space parking garage. The following are considerations that may affect the parking demand and shortfall:

1) The availability of transit has been shown to result in a significant reduction in the demand for parking.[1] The Downtown Berkeley BART station is located less than two blocks from the site. This station is located on the Richmond-Fremont Line which connects to other destinations in the Bay Area, including San Francisco, at the MacArthur Station. There is also extensive bus transit service provided by Alameda-Contra Costa County (AC) Transit at the BART Station. Please note the nearest bus stops are less than a block from the site at Shattuck Avenue and Kittredge Street. Therefore, for this project it is anticipated that a higher portion of travel will occur by walking and through the use of public transit.[2] As a result, it is also expected that some of the apartment residents will forego owning a car, or having an extra car, because of the close proximity to transit.[3]

2) The project is proposing to exceed the requirements for on-site bicycle parking.

3) There are numerous existing car sharing locations in the area.

5.8 Pedestrian and Bicycle Conditions

The proposed project would not generate a significant increase in pedestrian traffic in the area (in comparison to the existing volumes) given the size of the proposed project. Based on ITE data and data from MTC's Bay Area Travel Survey for projects within 1/2 mile of a BART station during the peak commute hours the project would be forecast to generate approximately 21 transit trips, 11 bicycle trips and 18 pedestrian trips. In addition to the relatively low vehicle trip generation, the proposed project would not be forecast to significantly impact or change the design of any existing pedestrian facilities and should not create any new safety problems in the area.

The proposed project would also not significantly impact any existing bicycle facilities. The project will add some pedestrians and bicyclists who will utilize sidewalks and bicycle facilities in the area. Please note there are existing sidewalks and crosswalks along the route from the project to the BART station. In relation to the existing conditions, the proposed project would not cause substantial changes to the pedestrian or bicycle traffic in the area and would not significantly impact or require changes to the design of any existing bicycle or pedestrian facilities.

[1] *Evaluating the Impact of Transit Service on Parking Demand and Requirements*, Transportation Research Board, Washington D.C., 2010.
[2] *Trip and Parking Generation at Transit-Oriented Developments: Five US Case Studies*, University of Utah, Salt Lake City, UT, 2016.
[3] *Effects of TOD on Housing, Parking, and Travel*, Transportation Research Board, Washington D.C., 2010.

5.9 Transit

The proposed project would not interfere with any existing bus routes and would not remove or relocate any existing bus stops. The proposed Project also would not conflict with any transit plans or goals of the City of Berkeley. Based on the size of the project, it is not forecast to cause a degradation of the level of service (or a significant increase in delay) on any roadway segments currently being utilized by bus transit in the area and, as such, no significant impacts to transit are expected.

5.10 Vehicle Miles Traveled

The vehicle miles traveled (VMT) in an area is one performance measure that can be used to quantify potential changes in travel from a project. This letter presents the extent of the VMT-related transportation impacts forecast to be caused by the Project. VMT is a particularly useful metric for evaluating the impacts of growth on greenhouse gas (GHG) emissions because it can be used to estimate fuel consumption by motor vehicles. Increases in VMT cause proportional increases in greenhouse gas emissions and air pollution. The Office of Planning and Research (OPR) released their final guidelines in a Technical Advisory on Evaluating Transportation Impacts in CEQA, dated December 2018. This analysis is based on the City of Berkeley's adopted guidelines as set forth in a staff report to the planning commission on September 2, 2020.[1]

VMT is typically estimated using an area-wide travel demand model from a regional transportation agency that calculates VMT based on the number of vehicles multiplied by the typical distance traveled by each vehicle originating from or driving to a certain area. The volume of traffic and distance traveled depends on land use types, density, and location as well as the existing and planned future supporting transportation system, including availability of public transportation. A travel demand model attempts to represent this relationship when forecasting vehicle trips and VMT.

This analysis uses the Alameda County Transportation Commission (ACTC) Travel Demand Model data on VMT per capita for various areas within the City of Berkeley. The Travel Demand Model divides areas within ACTC's jurisdiction into transportation analysis zones, or TAZs. TAZs are used in transportation planning models for transportation analysis and other planning purposes. The apartments and commercial space proposed to be built by the Project would be expected to have similar VMT as other developments in the same TAZ. The VMT per resident and per employee estimated by the ACTC Travel Model for the Project's TAZ would therefore be assumed represent the approximate VMT that would be generated by the Project as well.

[1] *General Plan Amendment: Vehicle Miles Traveled (VMT) for Transportation Impact Analysis under the California Environmental Quality Act (CEQA)*, Planning Commission Staff Report, Planning and Development Department, City of Berkeley, September 2, 2020.

As per Attachment 1 of the September 2, 2020 Planning Commission staff report, the proposed project at 2136 San Pablo Avenue is located in a transit priority area (TPA) and also is within an area with an average VMT per resident and per worker that is at least 15% below the respective Bay Area averages. OPR's 2018 Technical Advisory also states the following: "*Presumption of Less Than Significant Impact Near Transit Stations - Proposed CEQA Guideline Section 15064.3, subdivision (b)(1), states that lead agencies generally should presume that certain projects (including residential, retail, and office projects, as well as projects that are a mix of these uses) proposed within ½ mile of an existing major transit stop or an existing stop along a high quality transit corridor will have a less-than-significant impact on VMT*." However, the City of Berkeley VMT analysis guidelines specify that the presumption of a less-than-significant VMT impact might not be appropriate if the project:

- Has a floor area ratio (FAR) of less than 0.75.
- Includes more than 200,000 square feet of office or commercial space.
- Includes more parking supply than the project's estimated demand
- Is inconsistent with the City's General Plan, an applicable Specific Plan, or an applicable Sustainable Communities Strategy (as determined by the City, with input from the MTC).
- Replaces affordable residential units with market-rate residential units.
- Has project-specific or location-specific information that indicates that the project will generate significant levels of VMT.

In this case none of the above factors would apply to the proposed project. The project is located less than two blocks from the Downtown Berkeley BART station and is located near bus stops for numerous bus lines at the intersection of Shattuck Avenue and Kittredge Street. The project also meets the other screening criteria described above and therefore, subject to City approval, this project would be assumed to have a less than significant impact on VMT in the area.

5.11 Summary of Transportation Issues and Potential Improvement Measures

TR-1 Demolition and construction activities associated with the proposed project would result in an increase in traffic to and from the site and would require an appropriate construction management plan developed and approved by the City of Berkeley, consistent with the already existing and broadly applicable standard conditions that apply to projects similar in nature.

The increase in traffic as a result of demolition and construction activities associated with the proposed project has been quantified assuming single phase construction period of 12 months.

Heavy Equipment

Heavy equipment transport to and from the site could cause traffic impacts in the vicinity of the project site during construction. However, each overweight/oversized load would

be required to obtain all necessary permits, which would include conditions. Prior to issuance of grading and building permits, the project applicant would be required to submit and have approved a Traffic Control Plan.

The requirements within the Traffic Control Plan include, but are not limited to, the following: truck drivers would be notified of and required to use the most direct route between the site and the freeway, as determined by the City Traffic Engineering Department; all site ingress and egress would occur only at the main driveway to the project site and construction activities may require temporary traffic controls as determined by the City Engineer. Please note construction traffic will be directed to use Adeline Street as the City has a goal of minimizing construction traffic on local streets. Specifically, designated travel routes for large vehicles would be monitored and controlled by flaggers for large construction vehicle ingress and egress. Any debris and mud caused by trucks would be monitored daily and may require instituting a street cleaning program. In addition, several loads of heavy equipment being hauled to and from the site each month would be short-term and temporary.

Employees

The weekday work is expected to begin around 7:00 AM and end around 4:00 PM. The construction worker arrival peak would occur between 6:30 AM and 7:30 AM, and the departure peak would occur between 4:00 PM and 5:00 PM. These peak hours are slightly before the citywide commute peaks. It should be noted that the trips generated during construction would be temporary

Based on past construction of similar projects, construction workers could require parking for up to 40 vehicles during the peak construction period. Additionally, deliveries, visits, and other activities may generate peak non-worker parking demand of 5 to 10 trucks and automobiles per day. Therefore, up to 50 vehicle parking spaces may be required during the peak construction period for the construction employees. It should be noted the developer and their construction team are required to provide off-street parking for their employees on the site, if possible. Furthermore, the Traffic Control Plan requires that if construction employee parking cannot be provided on the project site then other provisions will need to be made for off-site parking, subject to approval of the City Traffic Engineering Department.

Construction Material Import

The project would also require the importation of construction material, including raw materials for the building pads, the buildings, the parking area, and landscaping. Based on past construction of similar projects, importing this material is estimated to require substantial amounts of truck traffic. Under the provisions of the Traffic Control Plan, if importation and exportation of material becomes a traffic nuisance, then the City Engineer may limit the hours the activities can take place.

Impacts of Construction on Pedestrians and Bicyclists

The project would most likely require temporary closures of sidewalks and/or vehicle lanes adjacent to the site for safety. This would require a detailed plan for detouring pedestrian and bicycle traffic. This plan will need to be reviewed and approved by the City Engineer. The analysis of traffic operations at the driveway indicates there would be no significant changes to the traffic volumes, delay, or safety on the study roadways with the addition of traffic from the proposed project. The City requires permission to close sidewalks and an acceptable traffic control plan for closures to be permitted. In general, the pedestrian and bicycle operations in the area would not be expected to change significantly during construction beyond the addition of truck traffic to the area.

Traffic Control Plan

The Traffic Control Plan would indicate how parking for construction workers would be provided during construction and ensure a safe flow of traffic in the project area during construction. This analysis assumed construction of the entire project in one phase to identify the potential worst-case traffic effects. Each phase will be subject to a Traffic Control Plan and oversight by the City Engineer and construction traffic is not forecast to exceed the post construction traffic conditions created by the proposed project. As a result, the potential construction traffic impacts have been adequately addressed through the project impact analysis. The goal of the conditional requirements of the City is to make construction impacts less than significant. There is some increase in traffic associated with all construction projects, however the required traffic management plan is intended to ensure the effects of construction are acceptable to the City. Therefore, the demolition and construction activities associated with the proposed project or its individual phases would be expected to result in a ***less-than-significant*** impact.

Mitigation Measure(s)
None required.

TR-2 Impacts related to site access and circulation.

Based on a review of the proposed site plan it was determined that the internal garage circulation should function well and should not cause any safety or operational problems. The project site design has been required to conform to City design standards and is not expected to create any significant impacts to pedestrians or bicyclists. Therefore, impacts related to site access and circulation would be ***less-than-significant***.

Mitigation Measure(s)
None required.

TR-3 Impacts regarding emergency vehicle access on and surrounding the proposed project site.

Sufficient emergency access is determined by factors such as number of access points, roadway width, and proximity to fire stations. The land use plan for the proposed project would be subject to approval of the fire department. All lane widths adjacent to the project would meet the minimum width that can accommodate an emergency vehicle; therefore, the width of the roadways would be adequate. Therefore, the development of the proposed project is expected to have ***less-than-significant*** impacts regarding emergency vehicle access.

Mitigation Measure(s)
None required.

5.11 Mitigations

Based on this analysis there would be no significant transportation impacts according to established standards and no off-site traffic or transportation mitigations would be required.

Appendix E

Geotechnical Investigation Report

Geotechnical Investigation Report
Berkeley Plaza Project
2211 Harold Way
Berkeley, California

Map Source: Thompson & West, 1878

SUBMITTED TO:

Joe Sugiyama
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August 24, 2021 DRAFT

A3GEO

A3GEO, Inc. • 821 Bancroft Way, Berkeley CA 94710

August 24, 2021

Joe Sugiyama
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Chicago, IL 60601
jsugiyama@ca-ventures.com

Geotechnical Investigation Report
Berkeley Plaza Project
2211 Harold Way
Berkeley, California

Dear Mr. Sugiyama:

This report presents the results of our geotechnical investigation for the proposed Berkeley Plaza project at 2211 Harold Way in Berkeley, California. We obtained information about the Project through discussions with you and our review of preliminary floor plans for the building prepared by Niles Bolton Associates. Our work was performed in accordance with our 16 February 2021 proposal and 4 March 2021 Consulting Services Agreement.

Based on review of the information available at this time, we understand the Project will consist of five stories of Type-IIIA construction (wood) over three stories of Type-IA (podium) with a partial basement to house 42 parking spaces. The subject site is presently occupied by buildings with a contiguous single-story basement which is significantly larger, in plan, than the proposed partial basement. This report includes geotechnical recommendations for spread footings and structural mat foundations. We anticipate that foundations within the area of the partial basement will likely be lower (in elevation) than the existing basement. The bottom elevations of future footings/mats located outside of the planned partial basement have yet to be determined.

This report includes data and interpretations pertaining to geotechnical and geologic conditions at the site and presents conclusions and recommendations for the geotechnical aspects of the project, as currently envisioned. The conclusions and recommendations presented in this report were developed in accordance with generally-accepted geotechnical principles and practices at the time the report was prepared. No other warranty, expressed or implied, is made.

Thank you for inviting us to complete this work, and we look forward to our continued service during final design and subsequent construction phases of the project. Should you have questions or concerns regarding our findings, the design concepts discussed, or our recommendations, please do not hesitate to call.

Yours very truly,

A3GEO, Inc.

DRAFT

Timothy P. Sneddon, PE, GE
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Figure 1 – Site Plan

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Appendix A – Boring Logs (A3GEO, 2019)
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Appendix C – Geotechnical Laboratory Test Data (A3GEO, 2019)
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1. INTRODUCTION

This report presents the results of a geotechnical investigation by A3GEO, Inc. (A3GEO) for the proposed Berkeley Plaza (Project) at 2211 Harold Way in Berkeley, California. This report was prepared under the Consulting Services Agreement between A3GEO and CASL Holdings, LLC dated 4 March 2021. A list of references used in preparing this report is presented in Section 9. Following the reference list are a series of illustrative plates, a Site Plan (Figure 1), and a set of appendices.

1.01 Site Overview

As shown on Plates 1 and 2, the Project site (Site) is located in downtown Berkeley within the block bounded by Harold Way to the west, Allston Way to the north, Shattuck Avenue to the east, and Kittredge Street to the south. The existing 2211 Harold Way structure occupies the west portion of the block; the remainder of the block is occupied by the Hotel Shattuck Plaza (the Shattuck Hotel). The aerial photographs on Plates 1 and 2 show the approximate configuration of the Site, which is L-shaped in plan. Towards the north, the Site is separated from the Shattuck Hotel by a narrow alley accessed from Allston Way. Towards the south, the east edge of the Site directly abuts the Shattuck Hotel. The existing 2211 Harold Way buildings and portions of the Shattuck Hotel have a 1-story basement, the configuration of which is complex. East of the Shattuck Hotel, the southbound lanes of Shattuck Avenue overlie the Bay Area Rapid Transit (BART) system's underground tunnel. A culvert, which carries water from a prominent local creek (Strawberry Creek), runs below Allston Way to the north of the Site.

1.02 Project Description

Based on information provided by CA Ventures of Chicago, Illinois, we understand that the envisioned Project will demolish the existing building(s) within the Site and construct a new 8-story residential building with a single-level basement garage. Preliminary floor plans for the building, prepared by Niles Bolton Associates of Atlanta, Georgia, show the basement garage accessed by ramps that lead down from Kittridge Street. The approximate limits of the below-grade garage and ramps shown on the 28 June 2021 plan update drawings by Niles Bolton Associates are indicated on Plate 2.

Anticipated structural loads and other detailed design information was not available at the time this report was prepared (August 2021). Based on our discussions with CA Ventures, we understand that the upper portion of the structure will include conventional lightweight framing and the lower portion of the structure (including the basement garage and ramps) will be constructed of reinforced concrete. Information available through the City of Berkeley describes the project as "five stories of Type-IIIA construction (wood) over three stories of Type-IA (podium) with a partial basement to house 42 parking spaces." In preparing this report, we have assumed that foundation loads will be moderate and typical for this type of construction and that uplift-resisting elements will not be required.

1.03 Previous Geotechnical Investigation

In 2019, A3GEO investigated subsurface conditions at the Site and prepared a design-level geotechnical investigation report for a previously-envisioned project that was never built. The scope of that investigation included a detailed review of available information and data, two geotechnical borings, a suite of geotechnical laboratory tests, and four cone penetration tests (CPTs). The two geotechnical borings both extended approximately 170 feet below adjacent street grades. The four CPTs extended between about 76 feet and 96 feet below adjacent street grades. Data from our 2019 borings, CPTs and laboratory tests are attached in Appendix A through Appendix C. We understand that during the acquisition of the property, CA Ventures received permission for these data to be used in association with the currently-envisioned Project.

1.04 Special Project Consideration

The California Geological Survey (CGS) publishes maps delineating official zones in which special

investigations are required to evaluate earthquake-related hazards. The CGS map for this area shows the northern portion of the Site traversed by an official Seismic Hazard Zone for soil liquefaction. CGS Special Publication 117A (SP-117A: CGS, 2008) and the 2019 California Building Code (CBC) provide regulatory guidance pertaining to geotechnical investigations for projects within CGS-mapped liquefaction hazard zones. The City of Berkeley is responsible for enforcing local compliance with the published CGS guidelines and CBC requirements. The investigations and analyses in this report are intended to comply with SP-117A guidance, which essentially constitutes the state of the practice in evaluating and mitigating potential liquefaction hazards in California.

1.05 Purpose and Scope

The primary purpose of this geotechnical study was to: 1) engage with the Project team to provide necessary geotechnical inputs: and 2) prepare a geotechnical investigation report for the Project based upon information and data contained in our previous (2019) report. The scope of services outlined in our 4 March 2021 Consulting Services Agreement included:

- Initial consultations with CA Ventures and members of the Project design team;
- Project-specific geotechnical analyses utilizing information and data from our 2019 report; and
- Preparation of this design-level geotechnical investigation report.

As noted in our 16 February 2021 proposal to CA Ventures, our authorized scope excludes environmental services (to be provided by others), new subsurface explorations (e.g., borings, CPTs, surface geophysics, test pits) and site-specific seismic ground motion analysis. Other limitations of our study are discussed in Section 8.

1.06 Elevation Data

The available civil survey drawings include spot elevations that we have assumed are relative to City of Berkeley Datum (COBD). Published maps and geotechnical reference information can be converted to COBD datum per the following:

- To convert from NGVD 29 to COBD, subtract 3.13 feet (NOAA 2018; City of Berkeley, 2009);
- To convert from North American Vertical Datum of 1988 (NAVD 88) to COBD, subtract 5.89 feet (City of Berkeley, 2009); and
- To convert from NGVD 29 to NAVD 88, add 2.76 feet (NOAA, 2018).

All elevations in this report should be considered approximate.

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2. METHODS OF INVESTIGATION

2.01 Subsurface Explorations and Laboratory Testing

2.01.1 Geotechnical Borings

From June 10 through 14, 2019, A3GEO subcontracted with Pitcher Drilling (Pitcher) of East Palo Alto, California to advance geotechnical borings B-1 and B-2 at the approximate locations shown on Figure 1. Both borings were drilled from the Harold Way pavement surface using truck-mounted rotary wash drilling equipment. Interpreted ground surface elevations and approximate boring depths are indicated in the following table:

Boring ID	Interpreted Ground Surface Elevation[1]	Approximate Boring Depth
B-1	+172.0 feet	170.8 feet
B-2	+172.0 feet	170.5 feet

During drilling, our engineering geologist logged the borings, directed the drilling, and obtained soil samples. Soils were visually/manually classified in general accordance with ASTM D2488 classifications, which are based on the Unified Soil Classification System (USCS). Field classifications were subsequently checked and revised, where appropriate, based on laboratory test data. The logs of the borings are attached in Appendix A.

Samples were obtained at frequent intervals using a 2-inch outer diameter (O.D.) Standard Penetration Test (SPT) sampler without liners, a 3-inch O.D. California Modified sampler with liners, or a 3-inch O.D. Pitcher barrel sampler. The SPT and California Modified samplers were driven with a 140-pound mechanically automated trip hammer with an approximate 30-inch fall. The hammer blows required to drive the final 12 inches of each 18-inch drive are presented on the boring logs. Where a full 12-inch drive could not be achieved, the number of blows and the amount of penetration achieved is shown. Sampler blow counts presented on the logs are adjusted N-values. Blow counts have been adjusted for sampler type only. Following drilling, boreholes were backfilled with grout using the tremie method, in accordance with the approved City of Berkeley Toxics Management Permit.

The boring logs in Appendix A represent our interpretation of the subsurface materials at the boring locations at the time of drilling; the passage of time may result in changes to the subsurface conditions. Appendix A includes two figures that explain the descriptions and symbols used on the logs. The boring locations shown on Figure 1 were determined by measuring from Site features and should be considered approximate.

2.02 Cone Penetration Tests (CPTs)

On June 12, 2019, we subcontracted with Gregg Drilling of Martinez, California, to advance four (4) CPT probes, identified as CPT-2 through CPT-5, using a truck-mounted CPT rig, at the approximate locations shown on Figure 1. Interpreted ground surface elevations and approximate CPT depths are indicated in the following table:

CPT ID	Interpreted Ground Surface Elevation[1]	Approximate CPT Depth
CPT-2	+172.0 feet	93.4 feet
CPT-3	+172.0 feet	96.6 feet
CPT-4	+172.0 feet	76.0 feet
CPT-5	+177.0 feet	93.5 feet

[1] Interpreted from available civil survey drawings and site observations; assumed City of Berkeley datum.

The CPT method involves pushing a small-diameter instrumented conical probe into the ground under the weight of the CPT rig. The tip of the conical probe and the cylindrical sleeve directly above it are instrumented to measure tip resistance and sleeve friction; the probe also has instrumentation to measure soil pore water pressure. These measured properties can then be correlated to obtain geotechnical parameters such as standard penetration resistance (N) values, undrained shear strength (S_U) values, and soil behavior type (SBT).

Logs of CPT probes are presented in Appendix B along with explanatory information. The CPT locations shown on Figure 1 were determined by measuring from Site features and should be considered approximate.

2.02.1 Geotechnical Laboratory Testing

Our geotechnical laboratory testing program was directed toward a quantitative and qualitative evaluation of the physical properties of the soils at the site. Samples retrieved from the borings were reviewed in our laboratory to select suitable specimens for testing. The following geotechnical laboratory tests were performed:

- Atterberg Limits by ASTM D4318;
- Sieve analysis by ASTM D422 or D1140;
- Moisture content by ASTM D2216;
- Dry density by ASTM D2937; and
- 1-D consolidation using incremented loading by ASTM D2435.

Laboratory tests were performed by B. Hillebrandt Soils Testing, Inc. of Alamo, California. Geotechnical laboratory testing data sheets from this study are presented in Appendix C.

2.03 Review of Existing Information

We reviewed a variety of published and unpublished references containing information on geologic, seismic and historical conditions. A list of references used in preparing this report is presented in Section 9. Selected references are noted below:

2.03.1 Previous Geotechnical Reports

We reviewed previous geotechnical reports prepared for nearby downtown Berkeley projects, which we retrieved from A3GEO and City of Berkeley files. The geotechnical feasibility report prepared previously for the Project (ENGEO, 2013) did not identify any previous borings drilled within the 2211 Harold Way or Shattuck Hotel sites.

Dames & Moore (1964) performed a geotechnical investigation for the BART alignment prior to construction. Multiple exploratory borings drilled along Shattuck Avenue to the east of the Site provide information on local subsurface conditions. These borings typically ranged in depth from approximately 50 to 60 feet. Boring R-005-11 is the closest boring to the Site, and its approximate location is shown on Figure 1. Available subsurface data from the BART investigation is included in Appendix D.

Historic BART drawings for the area adjacent to the Site did not specify the elevation datum used. Based on review of BART drawings in other portions of the Bay Area, we expect these drawings refer to United States Coast Guard and Geodetic Survey (U.S.C. & G.S.) datum, which is equivalent to National Geodetic Vertical Datum of 1929 (NGVD 29). NGVD 29 can be converted to City of Berkeley Datum by subtracting 3.13 feet (NOAA 2018; City of Berkeley, 2009).

2.03.2 Geologic, Seismic and Historical References

We researched the geologic, seismic and historical setting of the site by reviewing a verity of published and

unpublished references, including:

- U.S. Geological Survey (USGS) regional geologic maps by Radbruch (1957), Graymer (2000), and Graymer and others (2006);
- California Geological Survey (CGS) maps titled “Earthquake Zones of Required Investigation” (CGS, 2003a), Fault Activity Map of California (Jennings and Bryant, 2010), and “Tsunami Inundation Map for Emergency Planning (CGS, 2009);
- USGS Liquefaction Susceptibility and Quaternary Deposits maps by Knudsen and others (2000) and Witter and others (2006);
- Federal Emergency Management Authority (FEMA) National Flood Insurance Rate Maps (FEMA, 2009);
- USGS topographic maps;
- Historical creek maps from the City of Berkeley and the Oakland Museum (Sowers, 1993);
- Sanborn Fire Insurance maps dated 1890, 1894, 1903, 1911, 1929, 1950, and 1980; and
- Historical aerial photographs dated 1930, 1950, 1966, 1968, 1969, 1979, and 1994 from Pacific Aerial Surveys (PAS) in Novato, California.

The Sanborn maps we obtained for the Site are attached in Appendix E. The georeferenced aerial photographs we obtained from PAS are attached in Appendix F.

2.03.3 Civil Survey Drawings

We obtained information from civil survey drawings provided to us by CA Ventures and others. The civil survey drawing reproduced on Figure 1 (BKF, 2019) includes features within the Site that are not shown on the July 2021 “Preliminary” map by Niles Bolton Associates (NBA, 2021). The ground surface elevation callouts on the 2021 map by Niles Bolton Associates appear consistent with the spot elevations shown on the 2015 drawing titled *Conceptual Grading & Drainage Plan*, prepared by Telamon Engineering Consultants (Telamon, 2015).

2.03.4 Seismic Design Maps

We accessed the SEAOC and OSHPD[2] web interface (https://seismicmaps.org/), which utilizes the USGS web services to retrieve seismic design data and present it in a report format. ASCE 7-16 seismic design criteria for the 2211 Harold Way Site (Latitude: 37.86911010, Longitude: -122.26927650) are provided in Section 7.02.

2.04 Basement Reconnaissance

On August 19, 2021, an A3GEO Principal Engineer conducted a reconnaissance of existing basement areas within the site to “ground truth” interpretations made based on available drawings and survey data.

[2] Structural Engineers Association of California (SEAOC) and California Office of Statewide Health Planning and Development (OSHPD)

3. GEOLOGIC, SEISMIC AND HISTORICAL SETTING

This section presents an overview of the geologic and seismic setting of the site based primarily on our review of published information and references maps that are presented on Plates.

3.01 Regional Geology

The San Francisco Bay Region is characterized by hills and valleys that trend southeast/northwest. This characteristic topography is partly the result of the SFBR's location at the boundary between the North American and Pacific crustal plates, which are in relative motion with respect to each other. Over geologic time, the topography of the region formed through a complex series of processes that have included deposition, accretion, faulting, folding, uplift, volcanism, and changes in sea level. San Francisco Bay and the adjacent flatlands presently occupy a structural depression between the East Bay Hills and the roughly parallel hills of the San Francisco Peninsula and Marin County. Plate 3 provides an overview of the regional geology of the San Francisco Bay Region.

As shown on Plate 3, the San Francisco Bay Region includes three primary "basement" rock complexes: the Great Valley Complex, the Franciscan Complex, and the Salinian Complex. All were formed during the Mesozoic Era (225 to 65 million years ago) and have been brought together by movement occurring along faults. These Mesozoic basement rock complexes are locally overlain by sedimentary and volcanic rocks deposited during the Tertiary Period (about 25 million to 2.6 million years ago). Since their deposition, the Mesozoic and Tertiary rocks have been extensively deformed by repeated episodes of folding and faulting. Significantly, the Bay Area experienced several episodes of uplift and faulting during the late Tertiary Period (about 25 million to 2.6 million years ago), that produced the region's characteristic northwest-trending mountain ranges and valleys.

Rocks within the San Francisco Bay Region are locally overlain by soils deposited during the Quaternary Period (about 2.6 million years ago until present). World-wide climate fluctuations influenced the nature and distribution of soils deposited in the bay and the adjacent flatlands. During the Pleistocene Epoch (about 2.6 million to 11 thousand years ago), climate fluctuations caused sea levels worldwide to rise and fall by hundreds of feet. During glacial periods, sea levels were substantially lower than they are today as much of the earth's water was locked up large ice sheets, polar ice caps and long valley glaciers. During interglacial periods, melting of ice caused sea levels to rise and flood low-lying coastal areas. Locally, high sea levels favored the rapid and widespread deposition of sediments in the bay and on the surrounding flatlands, whereas low sea levels steepened the gradients of streams and rivers encouraging erosional downcutting.

The most recent glacial interval (the Wisconsin glaciation) extended from about 75,000 to 11,000 years ago. During last glacial maximum, sea level was several hundred feet below its present elevation and the valley now occupied by San Francisco Bay drained to the Pacific Ocean more than 30 miles west of the Golden Gate. Near the beginning of the Holocene (about 11 thousand years ago) the rising sea re-entered the Golden Gate, and sediments accumulated rapidly beneath the rising San Francisco Bay and on the surrounding flatlands. Marine sediments that now cover the bottom of the bay and parts of the adjacent lower flatlands are less than 11,000 years old. In upper flatland areas, streams flowing from the hills deposited Holocene-age alluvial deposits within valleys and channels on top of older Pleistocene-age alluvium. Typically, Holocene-age surface deposits are less dense, weaker, more compressible, and more susceptible to earthquake-induced soil liquefaction[3] than adjacent/deeper Pleistocene-age soils that pre-date the last sea level rise.

3.02 Regional Active Faults

Within the SFBR, the relative motion of the Pacific and North American crustal plates is presently accommodated by a series of active northwest-trending faults that exist over a width of more than 50 miles

[3] Liquefaction is a phenomenon by which certain types of soils below groundwater can lose strength, compress (settle), and gain mobility (liquefy) a result of strong earthquake groundshaking.

(Plate 4). Faults that are defined as active exhibit one or more of the following: (1) evidence of Holocene-age (within about the past 11,000 years) displacement, (2) measurable aseismic fault creep, (3) close proximity to linear concentrations or trends of earthquake epicenters, and (4) prominent tectonic-related aseismic geomorphology. Potentially active faults are defined as those that are not known to be active but have evidence of Quaternary-age displacement (within about the past 2.6 million years).

The major active faults shown on Plate 4 include the Hayward, Rogers Creek, San Andreas, San Gregorio, Concord-Green Valley, Calaveras, West Napa, and Greenville faults. These major faults are near-vertical and generally exhibit right-lateral strike-slip movement (which means that the movement is predominantly horizontal and when viewed from one side of the fault, the opposite side of the fault is observed as being displaced to the right). Approximate distances and directions from the Site to major Bay Area active faults are presented in the table that follows.

Distances and Directions to Major Bay Area Active Faults (Jennings and Bryant, 2010)

Fault System	Approximate Distance from Site	Approximate Direction from Site
Hayward-Rodgers Creek	1 mile	East-Northeast
Calaveras	13 miles	East-Southeast
Concord-Green Valley	15 miles	East-Northeast
Pleasanton	17 miles	Southeast
Greenville – Clayton – Marsh Creek	17 miles	East-Northeast
San Andreas	18 miles	West-Southwest
West Napa	20 miles	North-Northeast
San Gregorio	20 miles	West-Southwest

As noted in the preceding table, the closest regional Holocene active fault to the Site is the Hayward fault, located about 1 mile to the east-northeast of the site. The Hayward/Rodgers Creek fault system is one of the primary active faults in the San Francisco Bay region, and overall has the highest probability of generating a large-magnitude earthquake within the next 30 years (WGCEP, 2008). The Hayward/Rodgers Creek fault system extends approximately 95 miles from Fremont to Healdsburg and is interpreted as stepping to the right beneath San Pablo Bay (Plate 4).

3.03 Regional Seismicity

Since 1836, six earthquakes of magnitude 6.5 or greater have occurred in the region (Bakun, 1999); the dates, magnitudes (M) and epicentral locations of these six large earthquakes are summarized in the table that follows.

Magnitude 6.5 or Greater Earthquakes; 1836-1998
(Bakun, 1999; Tuttle and Sykes, 1992)

Date	Magnitude	Epicenter Location
June 10, 1836	6.5	East of Monterey Bay
June 1838	6.8 – 7.2	Peninsula section of the San Andreas fault
October 8, 1865	6.5	Southwest of San Jose
October 21, 1868	6.8	Southern Hayward fault (Hayward Earthquake)
April 18, 1906	7.8	San Andreas fault (San Francisco Earthquake)
October 18, 1989	6.9	Santa Cruz Mountains (Loma Prieta Earthquake)

The Working Group on California Earthquake Probabilities (WGCEP) has developed authoritative estimates of the magnitude, location, and frequency of future earthquakes in California, which are published in Uniform California Earthquake Forecast (UCERF) reports. The most recent forecast (UCERF3) indicates the following likelihoods for one or more earthquake events of the specified magnitude occurring within the SFBR in the next 30 years (starting in 2014).

SFBR UCERF3 Forecast (WGCEP, 2013)

Earthquake Magnitude (greater than or equal to)	30-year Likelihood of one or more earthquake events
≥ 5.0	100%
≥ 6.0	98%
≥ 6.7	72%
≥ 7.0	51%
≥ 7.5	20%
≥ 8.0	4%

UCERF3 forecasts for the Hayward Fault are shown in the following table:

Hayward Fault UCERF3 Forecast (WGCEP, 2013)

Earthquake Magnitude (greater than or equal to)	30-year Likelihood of one or more earthquake events
≥ 6.7	14.3%
≥ 7.5	3.6%
≥ 8.0	<0.1%

The WGCEP has also made estimates of the likelihood of earthquakes with magnitude greater than or equal to 6.7 occurring on specific faults. These probabilities are summarized in the table below.

SFBR UCERF3 Forecast (Aagaard et al., 2016)

Earthquake Fault	30-year Likelihood of One or More Earthquake Events with M≥6.7
Hayward - Rodgers Creek	33%
Calaveras - Paicines	26%
San Andreas	22%
Hunting Creek, Berryessa, Green Valley, Concord, Greenville	16%
Maacama	8%
San Gregorio	6%

Compared to the previous forecast (UCERF 2; WGCEP, 2008), the likelihoods of moderate-sized earthquakes (magnitude 6.5 to 7.5) are generally lower, whereas the likelihoods of larger events are higher. UCERF 2 indicated a 30-year likelihood of 31% for one or more earthquakes of magnitude 6.7 or larger occurring on the Hayward-Rodgers Creek fault system.

3.04 Surficial Geology

The site is situated near the eastern edge of a broad, gently-sloping alluvial plain deposited by streams flowing westward from the Berkeley Hills. Prior to development, the Berkeley plain was dissected by a series of east-west trending creeks that flowed from the Berkeley Hills west towards San Francisco Bay. During the development of downtown Berkeley, which occurred during the mid to late 1800s, culverts were installed within the creek beds, the creeks were filled in, and the mostly rectangular grid of streets was laid out and graded. There is no record of how much fill was placed in specific areas in this initial stage of development, however, deeper fills commonly exist in former low-lying areas adjacent to creeks.

The USGS regional geologic map on Plate 5 (Graymer, 2000) maps the near surface soils at the site as alluvial fan and fluvial deposits of Holocene age (map symbol Qhaf). Knudsen et al. (2000) describes the Qhaf unit as follows:

> ***Holocene Alluvium (Qhaf):*** *Sediments deposited by streams emanating from mountain canyons onto alluvial valley floors or alluvial plans as debris flows, hyperconcentrated mudflows, or braided stream flows. Alluvial fan sediment includes sand, gravel, silt, and clay, and is moderately to poorly sorted and moderately to poorly bedded. Sediment clast size and general particle size typically decrease downslope from the fan apex. Many Holocene alluvial fans exhibit levee/interlevee topography, particularly the fans associated with the fans flowing west from the eastern San Francisco Bay hills. Alluvial fan deposits are identified primarily on the basis of fan morphology and topographic expression. Holocene alluvial fans are relatively undissected, especially when compared to older alluvial fans. In places, Holocene deposits may be only a thin veneer over Pleistocene deposits. Soils are typically entisols, inceptisols, mollisols, and vertisols. Greater than 5 percent of the nine-county San Francisco Bay Area is covered by Holocene alluvial fan deposits. It is the most extensive Quaternary map unit in the region.*

The USGS Quaternary Deposits Map on Plate 6 (Plate 6) also shows most of the Site within an area mapped as alluvial fan deposits of Holocene age (map symbol Qhf). Witter et al. (2006; Figure 6) map a narrow band of artificial channel fill (map symbol acf) traversing the far northern end of the Site, which is not shown on the previous geologic map by Graymer (2000; Plate 5).

Witter et al. (2006; Plate 6) map Pleistocene alluvial fan deposits (map symbol Qpf) to the north and south of the Site, outside of the areas mapped as Holocene alluvium and artificial channel fill. It can also be inferred that Pleistocene alluvial fan deposits underlie the Holocene alluvial soils and artificial channel fill mapped within the site. Knudsen et al. (2000) describes the Pleistocene alluvial fan unit as follows:

> ***Pleistocene Alluvium (Qpf):*** *This unit is mapped on alluvial fans where latest Pleistocene age is indicated by greater dissection than is present on Holocene fans, and/or the development of alfisols. Latest Pleistocene alluvial fan sediment was deposited by streams emanating from mountain canyons onto alluvial valley floors or alluvial plains as debris flows, hyperconcentrated mudflows, or braided stream flows. Alluvial fan sediment typically includes sand, gravel, silt, and clay, and is moderately to poorly sorted, and moderately to poorly bedded. Sediment clast size and general particle size typically decreases downslope from the fan apex. Latest Pleistocene alluvial fan sediment is approximately 10 percent denser than Holocene alluvial fan sediment and has penetration resistance values about 50 percent greater than values for Holocene alluvial fan sediment* (Clahan et al., 2000). *Pleistocene alluvial fans may be veneered or incised by thin unmapped Holocene alluvial fan deposits. Along the west-facing hills of Oakland and Berkeley, where latest Pleistocene alluvial fan deposits are mapped, the age of these deposits is not well constrained and the deposits may actually be a combination of early to late Pleistocene alluvial fan and thin pediment deposits, and latest Pleistocene alluvial fan deposits.*

The narrow band of artificial channel fill shown on Plate 6 is presumably intended to coincide with the historical alignment of Strawberry Creek; although the creek maps and historical maps we reviewed (Plates 7 through 9)

disagree as to the exact location of the historical Strawberry Creek channel. Water from Strawberry Creek presently flows within a culvert beneath Allston Way, just beyond the Site's northern boundary, as indicated on Plate 7 (Sowers, 1993) and Figure 1 (City of Berkeley, 2010).

3.05 Bedrock Geology

Franciscan complex bedrock, which is present near the ground surface within the UCB Main Campus to the east-northeast, underlies the alluvial deposits at the site. Franciscan complex sandstone (map symbol KJfs) and mélange (map symbol KJfm) are mapped on the UCB Main Campus to the east of the site (Figure 5). Graymer (2000) describes these basement rock units as follows:

> ***KJfs**: Franciscan complex sandstone, undivided (Late Cretaceous to Late Jurassic) – Graywacke and meta-graywacke.*
>
> ***KJfm**: Franciscan complex mélange (Cretaceous and/or Late Jurassic) – Sheared black argillite, graywacke, and minor green tuff, containing blocks and lenses of graywacke and meta-graywacke (fs), chert (fc), shale, metachert, serpentinite (sp), greenstone (fg), amphibolite, tuff, eclogite, quartz schist, greenschist, basalt, marble, conglomerate, and glaucophane schist (fm). Blocks range in size from pebbles to several hundred meters in length. Only some of the largest blocks are shown on the map.*

3.06 Geologic Hazard Mapping

The City of Berkeley's Environmental Constraints Map (Plate 10) includes the locations of hazard zones mapped by the California Geological Survey (CGS). As shown on Plate 10, the Site is neither within nor proximate to the nearest CGS earthquake fault zone (EFZ) for surface fault rupture, which surrounds the active Hayward fault. The closest CGS Seismic Hazard Zone (SHZ) for earthquake-induced landsliding is located in hilly areas north and east of the UC Berkeley main campus. A narrow CGS Seismic Hazard Zone (SHZ) for liquefaction passes through the northern portion of the site, which is intended to coincide with the location of the filled-in Strawberry Creek Channel.

The CGS seismic hazard zone map (CGS, 2003a) delineates "areas where historical occurrence of liquefaction or local geotechnical and ground water conditions indicate a potential for permanent ground displacements that mitigation as defined in Public Resources Code Section 2693(c) would be required". The Seismic Hazard Zones mapped by the CGS are also referred to as "zones of required investigation" (CGS-prepared hazard maps delineate areas in which hazard investigations are required and not areas where hazards are known to be present). The USGS Liquefaction Susceptibility Map on Plate 11 (Witter et al., 2006) is shows the southern portion of the Site within an area of "Moderate" liquefaction susceptibility and the northern portion of the Site (within the historic Strawberry Creek channel) within an area of "Very High" liquefaction susceptibility. Note that the zone of Very High susceptibility on Plate 11 coincides with the zone of artificial channel fill mapped on Plate 6 (also from Witter et al., 2006), which is based on their interpretation of the historical Strawberry Creek channel location and alignment.

The Site is located above the line of maximum predicted run-up shown on the CGS Information Warehouse Tsunami database maps (CGS, 2018). Federal Emergency Management Agency (FEMA) flood hazard maps show the Site within an "Area of Minimal Flood Hazard" (FEMA, 2009).

3.07 Local Development History

The following discussion of development history refers to Sanborn maps and historical aerial photographs that are attached in Appendices E and F (respectively). The earliest document we reviewed was the Sanborn Map dated 1890 (Plate 9), which shows the Site as occupied by a dwelling and a stable. Plate 9 generally shows Strawberry Creek as running through the far northern north edge of the Site along an alignment that differs from what shown on the maps prepared by Witter et al. (Plates 6 and 11).

The 1894 Sanborn Map shows the Site occupied by two dwellings and a stable with Strawberry Creek no longer present within the Site. The 1903 Sanborn map shows conditions similar to those seen in 1894, except a small wood shed is now present in the center of the Site. According to *Picturing Berkeley, a Postcard History,* these dwellings were part of the Shattuck Estate (Willes, Ed., 2005).

The northern portion of the Shattuck Hotel was built in 1909, and the southern portion was constructed in 1913, both on the Shattuck Estate property. The northern portion of the Shattuck Hotel is visible on the 1911 Sanborn Map (Plate 12). Plate 13 presents two photographs of the original Shattuck Hotel, circa 1909 and 1912. Plate 14 presents photographs of two houses shown on the 1911 Sanborn map (Plate 12), which were reportedly built in 1868 and 1891. Plate 15 shows the Shattuck Hotel extending along Shattuck Avenue from Alston Way south to Kittridge Street and that by 1915 the Shattuck Hotel had been renamed the Hotel Whitecotton. The 1929 Sanborn map (Plate 16) shows the Hotel Whitecotton in essentially the same configuration as the current Shattuck Hotel.

Plate 16 also shows two new buildings present within the Site: 1) a structure in the south portion of the Site, identified to be part of/contiguous with J.F. Hink and Son Department Store (Hink's) and constructed in 1926-1927, and 2) a separate smaller building at the north end of the Site with multiple addresses. These conditions are consistent with what can be seen on the 1930 aerial photograph in Appendix F. Conditions on the 1950 Sanborn Map and the 1950 aerial photograph appear similar to the 1929/1930 conditions, except the Hotel is once again referred to as the Hotel Shattuck.

The 1966 aerial photograph appears to show that the building at the north end of the 2211 Harold Way Site had been demolished and replaced with a new structure that appears generally consistent with present-day building configurations. According to the BART website, construction on the "Oakland subway", which possibly includes the portion of the BART subway tunnel through Berkeley, began in January 1966 (BART, 2019). As-built drawings for the portion of the BART alignment adjacent to the Site are dated August 1969, so the tunnel subway and tunnel must have been complete by this time or earlier (T&PBTB, 1969). An aerial photograph from April 1966 (Appendix F) shows no evidence of construction along Shattuck Way, however a blurry aerial photograph from April 1968 shows a possible open trench along Shattuck just east of the Hotel. An aerial photograph from May 1969 again shows no evidence of construction along Shattuck, suggesting that adjacent BART construction was essentially complete by this time.

The photograph on Plate 17 generally indicates the building within the Site at the corner of Harold Way and Allston Way was originally part of the Hink's Department Store. The 1980 Sanborn Map identifies the structure in the northern portion of the Site as possibly constructed from 1958-1959 and consisting of a steel-framed reinforced concrete building. By 1980, the alley off Allston Way appears on the 1980 Sanborn map. The Hink's department store reportedly closed in 1985 (Markel, 2009). Conditions on the 1994, 2005, and 2015 aerial photographs appear essentially unchanged from those prior to the department store's closing.

Plate 18 presents an interpretation of the approximate years of construction for each building based on our review of available information. This interpretation is only approximate due to the absence of accurate information relating to the timing and extent of the actual construction.

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4. SITE CONDITIONS

4.01 Surface Conditions

The north, west and south sides of the site are bordered by concrete sidewalks and city streets that slope gently down towards the west. Available civil survey drawings (Telamon, 2015; NBA, 2021) contain exterior spot elevations (datum undefined), which we have assumed to be relative to the City of Berkeley Datum. Based on the available survey drawings, we estimate that the exterior ground surface along the Harold Way side of the building is generally at or near Elevation +172 feet. Along Allston Way, the entrance to the alley that bounds the east side of the Site is at Elevation +175 feet. On Kittridge Street, the available civil drawings generally show that the ground surface slopes up from about Elevation +172 feet at the corner of Harold Way to about Elevation +177 at the corner of Shattuck Avenue. In general, the surfaces surrounding the site are paved with asphalt or concrete, which at the time of our investigation appeared in reasonably good condition with no obvious indications of major distress.

4.02 Existing Building Conditions

As discussed in Section 3.07, the buildings and building additions within the subject block appear to have been completed within the 44-year period between 1909 and 1953. Plate 18 shows the buildings within the Site were constructed at three different times (prior to 1927; circa 1927, and circa 1953). At the time of this report, existing foundation drawings were only available for the south portion of the 2211 Harold Way structure constructed in 1927 (Plate 18).

Based on measurements from our August 2021 reconnaissance, we estimate that the top of the basement floor slab within the Site is approximately 5.5 to 7.0 feet below the level of the adjacent Harold Way sidewalk. The basement floor level in the 1927 portion of the building appears to be up to about a foot lower in elevation than the circa 1958 portion of the building. For the purposes of this geotechnical investigation, we estimate that the top of the basement floor slab within the 1927 building is at approximately Elevation +166.5 feet (172.0 – 5.5 feet). Relative to this top-of-slab elevation, plans for the 1927 building show a 4-3/4 inch floor slab, a 1’4” deep exterior wall footing and, and interior footings up to about 4 feet deep. The buildings within the Site have single-level basements that are contiguous and connect to the existing basement within the 1913 portion of the Shattuck Hotel adjacent to Kittridge Street (Plate 18). Approximately midway along the west side of the Site there is a ramp that leads down from the edge of the Harold Way sidewalk to a small basement-level loading area.

4.03 Subsurface Conditions

4.03.1 General

As noted in the preceding sections (Sections 4.02 and 4.03), surface grades adjacent to the site slope gently down towards the west and there is an existing basement within the site. The boring and CPT explorations conducted for this study were advanced from the level of paved surfaces outside of the existing building. The difference of elevation between exterior street grades and the bottoms of the existing building footings is estimated to be between 15 feet (175 feet street elevation and 160 feet footing elevation) and 11 feet (172 feet street elevation and 161 feet footing elevation). The following discussions focus on subsurface conditions within the Site below the level of the existing basement.

4.03.2 Fill

Fill was encountered in Borings B-1 and B-2 to depths of approximately 8 and 5 feet below the Harold Way asphalt pavement section (down to Elevations +164 and +167 feet, respectively). Fill that was encountered in the borings generally consisted of yellowish-brown clayey sand or grayish brown sandy lean clay.

The methodology of advancing the CPT does not allow for visual observation of the soil; therefore, it was not possible to determine fill thickness from our CPT probes. However, the plots of cone tip resistance (qt) in Appendix B generally show a marked increase in tip resistance at depths between about 7 and 10 feet below the adjacent street grades, which could mark the transition between artificial fill and underlying natural alluvial deposits.

4.03.3 Alluvial Deposits

The available data generally indicates that the Site is underlain by naturally deposited, bedded, heterogeneous alluvial deposits. The full thickness of alluvial soils was encountered in Boring B-1 and Boring B-2, which encountered weathered rock at depths of approximately 155 feet and 151 feet, respectively. For the purposes of this study, we define two levels of alluvium with the following general characteristics:

Shallow Alluvium **–** The interpreted Soil Behavior Type (SBT) plots on the CPT logs in Appendix B generally depict shallow alluvial soils that include sand and silty sand. Predominantly silty/sandy soils are most noticeable in the SBT plots for CPT-3 and CPT-4, where they extend to a maximum depth of about 20 feet. The SBT plots for CPT-2 and CPT-5 show lesser amounts of sand that extend to maximum depths of about 12 and 22 feet, respectively. These interpreted conditions appear generally consistent with those shown on the logs of BART borings drilled east of the site along Shattuck Avenue. A subsurface cross section prepared for the BART project by Dames & Moore (1964) shows a laterally continuous deposit of generally similar coarse-grained materials extending to about 20 feet below the ground surface. The logs for Borings B-1 and B-2 (Appendix A; this study) show predominantly granular soils within this same range. In Boring B-1, layers of clayey sand and clayey sand with gravel were logged extending to a depth of 18 feet. In Boring B-2, generally similar predominantly granular soils were logged to a depth of 23 feet (Elevation +149 feet).

Deep Alluvium - Below the shallow alluvium, the SBT plots in Appendix B show predominantly silty and clayey soils with intermittent sand and gravel layers to a depth of roughly 90 to 95 feet below the ground surface. As encountered in the borings, the deeper alluvial soils consisted of light gray to grayish brown very stiff to hard lean clay with sand. Laboratory testing performed on five samples of deeper alluvium soils resulted in Plasticity Indices (PIs) of 9, 15, 16, 17, and 29, and Liquid Limits (LLs) of 27, 33, 38, 40, and 47; data that collectively indicates the clays classify as lean. Triaxial unconsolidated-undrained (TXUU) tests performed on three samples of deep alluvium resulted in undrained shear strength values of 2480, 2760, and 4900 pounds per square foot (psf). Interpretations of CPT data indicates undrained shear strengths of clayey materials in the deep alluvium range from approximately 2500 psf to 7000 psf. Below the predominantly clayey layer of the deep alluvium, a layer of yellowish brown very dense clayey sand with gravel was encountered in Borings B-1 and B-2. Each of the four CPTs is presumed to have met refusal near the top of this layer. Interbedded layers of clay and sand were observed below the very dense sand layer in both borings, down to the top of bedrock.

4.03.4 Bedrock

Weathered bedrock was interpreted to be at depths of approximately 155 and 151 feet below the ground surface in Borings B-1 and B-2, respectively. The actual top of bedrock was difficult to discern in samples due to the highly weathered nature of the material and the similarities between the weathered bedrock and the overlying alluvial soils. The bedrock materials observed in samples from the borings are generally consistent with rocks of the Franciscan formation.

4.03.5 Groundwater Conditions

Borings B-1 and B-2 were drilled using rotary wash methods, which utilize drilling fluids such that it is not possible to determine the depth to groundwater with accuracy. CPT pore pressure dissipation tests provide an

indirect method of estimating groundwater depths. The pore pressure dissipation tests performed in our CPT probes generally suggest groundwater at the time of our investigation (June 2019) was approximately 35 to 40 feet below existing street grades.

In downtown Berkeley, groundwater levels are known to rise significantly during and following periods of heavy and/or sustained rainfall with the highest groundwater levels generally coinciding with wet-winter conditions. To assess local variations in groundwater levels over time, we reviewed groundwater depth information/data contained in the geotechnical reports referenced in Section 9. This limited research into groundwater levels is summarized in the following table (the groundwater depths indicated with an asterisk (*) reflect measurements recorded a significant amount of time after drilling when groundwater levels may have had time to stabilize):

Historic Groundwater Data from Nearby Sites
(all data approximate)

Identifying Information	Distance and Direction from Site	Measurement Date	Groundwater Depth
BART Boring R-005-13	600 feet northeast	Nov. 1963	9* feet
BART Boring R-005-11	200 feet east	Oct. 1963	17 feet
Berkeley City College/YMCA	200-400 feet northwest	Mar. 1992	17* to 38 feet
		1984	22 to 27.5 feet
		1981	22 to 23.5 feet
2150 Shattuck Ave.	300-400 feet north	Sept. 1999	25 to 26 feet
Berkeley High School Building D	500 feet west	Apr. 1998	25 feet
Berkeley Community Theater	800 feet west	Nov. 2018	24 to 25 feet
Berkeley High School Building H	1,000 feet west	Apr./May 1993	16 * to 20* feet
Berkeley High School Building C	800 feet southwest	Aug./Sept. 1978	21 to 27 feet
Brower Center; 2200 Oxford St.	700 feet east-northeast	Dec. 2004	18.5 to 23 feet
		Jan. 2005	16* feet
GAIA Building	600 feet east-northeast	1998	14 to 20 feet
UCB BAMPFA	1,000 feet northeast	Dec. 2012	5* to 12* feet
2009 Addison Street	900 feet northwest	Oct. 1990	20 feet

Locally, groundwater generally flows from the hills east of the Site west towards San Francisco Bay with a groundwater surface that is roughly parallel to the overlying surface grades. It is currently unknown how the presence of the BART tunnels below Shattuck Avenue may influence groundwater and drainage patterns at the Site. Further, the presence of the Strawberry Creek box culvert, located below Allston Way and shown on Figure 1, may also affect localized groundwater flows and levels.

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5. GEOLOGIC HAZARD ASSESSMENT

5.01 Earthquake Ground Shaking

Strong earthquake ground shaking is a hazard shared throughout the region and the direct risks posed to structures by ground shaking are mitigated through the structural design provisions of the California Building Code (CBC). The seismic design provisions of the 2019 CBC include a methodology based on ASCE 7-16 by which sites are classified as A through F based on geotechnical properties within the upper 100 feet of the subsurface profile. Based on the results of our investigation, we judge that Site Class D is applicable for the Site. Geotechnical parameters for use with the 2019 CBC are presented in Section 7.02.

5.02 Liquefaction

5.02.1 Local Geologic Context

The CGS maps the northern portion of the site within a narrow "zone of required investigation" for liquefaction that follows the historic alignment of Strawberry Creek. This mapping generally coincides with the narrow zone of artificial channel fill (Plate 6) and "Very High" liquefaction susceptibility (Plate 11) mapped by the USGS (Witter, et al., 2006). The same maps show Holocene alluvial fan deposits outside the narrow artificial channel fill zone and characterized liquefaction susceptibility within this unit as "Moderate".

The USGS maps on Plates 6 and 11 were prepared at the regional level and, as such, are interpretive and not site-specific. The USGS publication by Graymer (2000) includes the statement: "Alluvial fan deposits are identified primarily on the basis of fan morphology and topographic expression", which is consistent with our understanding of the methodology used in preparing USGS regional maps. Notably, development of the downtown Berkeley area in the latter half of the 1800s would appear to have erased most, if not all, of the subtle surface features used to identify fan morphology. Consequently, the limits of any Holocene-age deposits in the vicinity of the historical Strawberry Creek alignment would appear to be highly uncertain.

Geologic maps, in general, depict interpreted conditions at or near the ground surface and do not include information on the thickness of the interpreted surficial deposits. As noted in Section 4.03.2, the results of our investigation generally show that the fill materials encountered in borings surrounding the Site do not extend as deep as the existing basement within the Site. Consequently, the artificial channel fill mapped as having very high liquefaction susceptibility (Plate 6 and 11) may have already been removed from beneath the Site. The USGS maps the liquefaction susceptibility of the surrounding and underlying Pleistocene alluvial fan deposits as very low (Plates 6 and 11).

Soils that are most likely to experience "classic" liquefaction-type behavior include loose (adjusted blow counts less than 20), clean, course-grained soils (i.e., sands and gravels) that are below groundwater. Recent and ongoing research (e.g. Bray and Sancio, 2006; Idriss and Boulanger, 2008) has demonstrated that fine-grained materials (i.e., silts and clays) with very low plasticity that are below groundwater can also experience generally similar cyclic degradation in response to earthquake shaking and are considered susceptible to liquefaction-type behavior if certain criteria are met. Sands and gravels are deposited naturally by rapidly flowing water within creek channels that meander over time. Silts and clays are deposited in slow-moving water such as occurs on floodplains when the banks of natural creek channels are overtopped. Locally, these natural processes tend to create laterally-discontinuous lenticular deposits of sands and gravels that can be susceptible to liquefaction if not in a dense condition. Fine-grained soils of very low plasticity are not common in Berkeley due, in part, to the nature and composition of the rocks east of the Hayward fault where the local alluvial fans originate.

5.02.2 Liquefaction Analysis

We analyzed liquefaction susceptibility, potential, and effects using the data from the borings and CPTs. For the purpose of our liquefaction evaluation, we assumed that soils below a depth of 12 feet could potentially be below groundwater at the time an earthquake occurs. This depth can be viewed as is approximately equivalent to the bottom of existing building foundations within the Site. Soils encountered in the borings and CPTs that are above groundwater (i.e., above the level of the existing building foundations) are considered to have a negligible potential for liquefaction assuming that they will not be saturated at the time that a major (i.e., analysis-level) earthquake occurs.

Data presented on the logs of Boring B-1 and Boring B-2 (Appendix A) generally indicate that most of the soils encountered below groundwater are of sufficient density and/or plasticity to preclude liquefaction. The laboratory test results in Appendix B include five Atterberg Limits determinations that produced Plasticity Index (PI) values of 16, 29, 15, 9, and 17. Current and ongoing research suggests that only the PI of 9 (obtained on a sample from Boring B-2 at a depth of 26 feet) correlates to soil with the potential to liquefy. At the location of Boring B-2, the layer from which this lower-plasticity material was obtained is interpreted to be about 5.5 feet thick; however, the 4.5-foot-thick layer of soil below it (for which there is no PI data) could also be susceptible to liquefaction.

Based on the continuous subsurface data obtained from CPT logs, we primarily utilized CPT-based analysis to evaluate liquefaction potential and dynamic settlement. We performed an analysis using data from the CPTs using commercially-available liquefaction assessment software (CLiq v. 2.3.1.15 by GeoLogismiki), which utilizes the methodology of Boulanger and Idriss (2014). In addition to the raw data, key inputs to the liquefaction analyses include the earthquake moment magnitude (M_w), peak ground acceleration (PGA), and groundwater depth. We used the following values in our analyses:

> ***Mw = 7.33****;* the mean characteristic magnitude for the rupture of the Hayward Fault (the Maximum Considered Earthquake, or MCE);
>
> ***PGA = 1.00 g****;* the geometric PGA (PGA_M) for the Site per ASCE 7-16 (Section 7.02);
>
> ***Groundwater Depth = 12 feet***, see discussion above; and
>
> ***Factor of Safety (FS) = 1.3***; liquefaction was assumed to occur if the FS is below 1.3.

In CPT-based liquefaction analyses, soil behavior (i.e. “sand-like” or “clay-like”) is interpreted based on the soil behavior type index (I_c). In our CPT-based liquefaction susceptibility evaluation, we considered soils with an I_c less than or equal to 2.6 susceptible to liquefaction. Based on the preceding inputs, the CLiq program produced plots showing variations with depth for Cyclic Stress Ratio & Cyclic Resistance Ratio (CSR & CRR), Factor of Safety (FS) against liquefaction, Liquefaction Potential Index (LPI), and vertical settlements.

The results of our liquefaction analyses are presented in Appendix G. Estimates of liquefaction settlement under the analysis-level earthquake event (M=7.3 on the Hayward fault) are summarized in the table that follows.

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Liquefaction Settlement Summary

Location	Estimated Total Liquefaction Settlement
CPT-2	1.1 inch
CPT-3	0.5 inch
CPT-4	0.3 inch
CPT-5	0.7 inch

Based on our understanding of the local geology, we interpret that were liquefaction to occur, it would likely take place within relatively thin, discontinuous layers, rather than in a widespread manner. The principal consequence of liquefaction occurrence would be settlement, and based on the available data and our analyses, we estimate that any seismic-related settlements at the Site would be small, with a total settlement of up to about 1 inch and a differential settlement of about ½ inch over a horizontal distance of 30 feet.

Surface manifestation of liquefaction, such as sand boils that occur when liquefied, near-surface soil escapes to the ground surface, can result in ground subsidence due to loss of material that is in addition to dynamic settlement. The Liquefaction Potential Index (LPI) described by Iwasaki et al. (1978) was computed from the results of our liquefaction analysis with the CPT data to evaluate the potential for surface manifestation of liquefaction. The computed values of the LPI, presented in Appendix G, indicate that the potential for surface manifestation of liquefaction effects is low.

5.03 Geologic Hazards Not Present

Lateral spreading is a phenomenon in which blocks of non-liquefied soil move laterally on top of an underlying continuous (or near-continuous) liquefied layer. Hazards posed by lateral spreading are typically greatest where there is a nearby topographic free face towards which spreading can occur. Because the potentially liquefiable layers are discontinuous and there is no significant topographic free face nearby, we judge the overall potential for significant earthquake-induced lateral spreading to occur at the Site is very low.

The site is not within an AP Zone and no active faults are mapped in the direct vicinity of the site. The closest AP Zone surrounds the active Hayward fault, which is approximately 1 mile to the east (Plate 10). Based on the foregoing, we judge there to be very low hazard for surface fault rupture at the site.

The site is located within a gently-sloping alluvial plain with no slopes in the direct vicinity of the site. The closest hills are about 1 mile to the east of the site. We judge there to be essentially no potential for large-scale landsliding to affect the site.

The site is near Elevation +172 feet and is about 1½ miles inland from the tsunami zone shown on the CGS Tsunami Inundation Map (CGS, 2018). A flood map by FEMA shows the site outside of areas considered susceptible to significant flooding. We judge there to be a low potential for flooding to affect the Site.

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6. GEOTECHNICAL EVALUATIONS AND CONCLUSIONS

6.01 General

Based on the results of our investigation, it is our opinion that that the concept design described in this report is feasible and appropriate from a geotechnical standpoint, provided that the geotechnical recommendations presented in this report are appropriately implemented during the design and construction of the project. Geotechnical considerations for the project are discussed in the subsections that follow.

6.02 Seismic Considerations

The site is relatively free of geologic hazards except for strong earthquake groundshaking, a hazard shared throughout the San Francisco Bay region, which is mitigated through the seismic design provisions of the California Building Code. Geotechnical criteria for seismic design per the 2019 California Building Code and ASCE 7-16 are presented in Section 7.02 of this report.

The results of our analyses indicate that the overall potential for seismically-induced soil liquefaction to significantly affect the design and construction of the project is low. Our analysis of liquefaction potential and effects predict the Site may experience dynamic total settlement of up to 1 inch and a differential settlement of about ½ inch over a horizontal distance of 30 feet with liquefaction likely occurring in relatively thin, discontinuous layers. We judge that the small amounts of settlement predicted should be within the limits of what a new structure of the type envisioned can reasonably tolerate. Notably, amounts of liquefaction settlement predicted for this Site are not unique and we believe that generally similar amounts of settlement would be predicted for most sites in and around downtown Berkeley.

6.03 Foundation Support

Existing buildings in and around the site are supported on conventional spread footing foundations that appear to have performed acceptably well since the buildings were constructed. The adjacent Shattuck Hotel, built prior to 1914 (Plate 15), is five to six stories high with a single-story basement. Based on the results of our investigation, we judge that spread footings would also be an appropriate means of foundation support for the currently-envisioned Berkeley Plaza project, which involves eight stories of mostly lightweight construction over a single-story basement. Alternatively, a structural mat foundation below the basement garage would also appear to be appropriate.

At least two alternative options are considered feasible for the support of columns and other load-bearing elements outside the basement garage area: 1) deeper spread footings supported on natural soils at or below the level of the existing building foundations (i.e., below about Elevation +160 feet); or 2) shallower spread footings supported on engineered fill several feet below the new building's ground-floor level. For Option 2 (shallower footings), it will be necessary to remove all undocumented materials below the footing zone of influence to obtain adequate bearing and predictable settlement performance. Recommendations for these two foundation support scenarios are presented in Section 7.03.

We estimate that the long term post-construction settlement of spread footings designed and constructed as recommended in this report will be less than about one inch for footings/mats supported on natural soils below the level of the existing basement. For this case, we estimate that differential settlement between two hypothetical footings 30 feet apart will not exceed about one-half inch. Additional geotechnical analyses should be performed during the design phase to further quantify long-term settlement potential after preliminary foundation designs have been developed and anticipated foundation loading conditions are known (not in current scope).

6.04 Undocumented Fill Mitigation

In this context, the term "undocumented" refers to fill for which there are no records indicating that the fill was

placed and compacted under engineering controls. Undocumented fill is commonly considered unsuitable for the support of new foundations and exterior flatwork (e.g., concrete slabs-on-grade and pavements) without mitigation. The building that currently occupies the Site has a single-story basement. Any fill that may be present below the existing basement floor slab would be considered undocumented. Where undocumented fill extends below the design bottom elevations of slabs-on-grade, mat foundations, or spread footings, mitigation will be required. This report provides recommendations for mitigation by removal-and-replacement.

6.05 Expansive Soil Mitigation

Expansive soils have the potential to shrink and swell with changes in moisture and can cause significant damage to improvements with which they are in contact unless appropriately mitigated. For engineering purposes, soil can be considered “non-expansive” if it has a Plasticity Index (PI) no greater than 15 and a Liquid Limit (LL) no greater than 40. Quarried granular materials (such as Caltrans Class 2 Aggregate Base and Class 2 Permeable Material) are inherently non-expansive as plastic silt and clay particles are essentially absent. Seasonal shrinking and swelling of expansive soils is not a concern below the depths of significant seasonal moisture change, which locally extends only a few feet below the ground surface. Expansive soil mitigation is typically not required below basement-level slabs-on-grade, mat foundations, or spread footings. It should, however, be anticipated that soils generated during excavation may not be suitable for use as fill in the upper several feet below future at-grade sidewalks and patio areas.

6.06 Design Considerations related to Groundwater

For liquefaction hazard analysis purposes, we assumed an “analysis-level” groundwater surface 12 feet below the ground surface. For building design purposes, we recognize the possibility that free water may occasionally be present at shallower depths due to extreme wet-weather events, changes in climate, or other unforeseen events such as pipe leaks or breaks. For this reason, we believe that the below grade portion of the new building should be waterproofed, unless the potential transmission of water into below-grade spaces is considered acceptable or otherwise accounted for in the project design.

Basements that are built to be waterproofed need to account for the possibility hydrostatic pressure, which is often evaluated based on a “design” groundwater surface elevation. Along the upslope sides of the future building, we estimate that the 12-foot groundwater depth used for liquefaction analysis purposes corresponds to about Elevation +163 feet (175 feet – 12 feet). This report recommends that hydrostatic forces be evaluated using a design groundwater elevation that is two feet higher (design Elevation = +165 feet).

At the time of this report, details involving the depth/elevation of the new basement floor and foundation type(s) at the basement level (e.g., footings/mats) had not been determined. Where waterproofed basements extend a significant distance below groundwater, hydrostatic uplift may have a strong influence on the design of basement foundations and floor slabs. In cases where hydrostatic uplift is moderate, it can commonly be resisted by the weight of the building provided that the basement slab/mat has the capacity to transfer the load to the building walls and columns. Hydrostatic pressures can also be resisted by deep foundation elements (e.g., piers, tiedown anchors, micropiles) through skin friction in deeper soils.

If a watertight basement is required, it is our opinion that recommendations pertaining to the selection, design and implementation of an appropriate waterproofing system should be provided by an experienced waterproofing consultant retained by the project design team.

6.07 Construction Considerations

6.07.1 Site Preparation and Monitoring

Prior to the start of onsite activities, all utilities within and surrounding the project area should be located, marked and protected or appropriately abandoned. The contractor should be required to thoroughly document the condition of nearby streets, structures, and utilities prior to the commencement of the onsite work. The

contractor should also perform regular surveys during excavation and throughout the period of construction to monitor for settlement, lateral deflection, or construction-related damage. It is the contractor's responsibility to protect adjacent offsite improvements throughout the period of construction. Construction survey and monitoring requirements and action levels will be influenced by the project design and should be defined in a future phase prior to the issuance of the project Contract Documents.

6.07.2 Demolition, Shoring and Underpinning

The building that presently occupies the site was constructed in multiple phases and physical relationships between the exterior basement walls and the adjacent ground are locally complex. It should be anticipated that some, or all, of the existing exterior basement walls may be presently restrained at their tops by ground-level floors and at their bottoms by basement-level floor slabs. In addition, it should be anticipated that some adjacent building foundations may be supported above the basement floor level and/or planned depths of excavation. Site shoring and underpinning requirements should be evaluated prior to the start of demolition to ensure that adjacent existing improvements to remain (streets, sidewalks, underground utilities, structures, etc.) are not damaged during demolition, excavation, or new building construction.

The design, installation, monitoring, and appropriate removal/abandonment of temporary shoring is typically considered to be the responsibility of the contractor. The contractor should anticipate that the City of Berkeley may impose restrictions, fees, and/or abandonment requirements (e.g., tieback de-tensioning) on any temporary shoring elements that encroach upon or extend beneath City streets and sidewalks. The design of permanent support systems (including foundation underpinning) is typically considered the responsibility of the project Structural Engineer. It should be anticipated that permanent support may be required within the interior of the site if it is found that adjacent foundations for the Shattuck Hotel are supported above planned depths of excavation. Underpinning would require the permission and cooperation of the property owner whose foundation is to be underpinned.

6.07.3 Excavation and Dewatering

We anticipate that most materials within the Site can likely be excavated with conventional heavy excavation equipment (excavators, hoe-rams, pulverizers, etc.); however, materials could be encountered that would require equipment capable of cutting steel to remove. Foundation excavations for new footings/mats will need to be accomplished "in the dry" and it should be anticipated that dewatering may be needed prior to excavating down to foundation level. Temporary construction dewatering is considered the contractor's responsibility. The near-surface sandy soils that surround the Site are permeable and groundwater flows may be appreciable depending upon the time of year that excavation and foundation construction work is performed. In addition, sandy soils with little to no cohesion are prone to caving and may "flow" into excavations. Construction dewatering demands and ground loss risks associated with sandy soils can be reduced by using continuous low-permeability shoring such as secant piles (soil columns mix with embedded "H" sections). Dewatering demands can be minimized by extending low permeability shoring into underlying clayey soils. We anticipate that areal dewatering using wellpoints will likely not be necessary to construct a single-level basement and that under most conditions localized dewatering will likely be accomplished by pumping from within sumps or other low points within Site excavations. The contractor's responsibilities should include all necessary handling, storage, testing, and disposal of pumped groundwater.

6.07.4 Wet-Weather Construction

Although it is possible for excavation and/or construction to proceed during or immediately following the wet winter months, several geotechnical problems may occur which may increase costs and cause project delays. The water content of onsite soils may increase during the winter and rise significantly above optimum moisture content for compaction of subgrade or backfill materials. If this occurs, the contractor may be unable to achieve the specified levels of compaction. Dewatering requirements will potentially increase due to rainfall, surface runoff, seepage and rises in groundwater level. If footing or utility excavations are left open during winter rains,

caving of the excavation walls may occur. Subgrade preparation beneath footings and slabs may prove difficult or infeasible. In general, we note that it has been our experience that increased clean-up costs may be incurred, and greater safety hazards may exist, if the work proceeds during the wet winter months.

6.07.5 Environmental Considerations

We recommend that the project environmental consultant provide additional guidance to the owner on issues relating to soils and groundwater generated by the contractor's operations. Environmental services are outside A3GEO's area of expertise and were excluded from the scope of this geotechnical investigation.

7. RECOMMENDATIONS

7.01 General

The following sections contain geotechnical recommendations for the design and construction of the proposed Berkeley Plaza project described in this report. In cases where the future design differs significantly from that described in this report, we should be consulted regarding the applicability of the conclusions and recommendations presented herein, and be provided the opportunity to provide supplemental recommendations, where appropriate.

7.02 Seismic Design

Structures at the site should be designed to resist strong ground shaking in accordance with the applicable building codes and local design practice. The seismic design parameters provided for the 2019 CBC include the following assumptions: (1) the structure will not contain a seismic isolation or damping system; and (2) the seismic response coefficient, Cs, will be determined as specified in Section 11.4.8 Exception 2 of ASCE 7-16. If the project structural engineer indicates that these assumptions are not valid, additional analysis may be needed to evaluate seismic design parameters. A summary of ASCE 7 seismic design parameters for the Site is presented below (the outdated ASCE 7-10 values shown for 2016 CBC are provided for comparison purposes):

ASCE 7 Seismic Design Parameters

Parameter	Factor/Coefficient	2016 CBC (ASCE 7-10) Value	2019 CBC (ASCE 7-16) Value
Short-Period MCE_R at 0.2s	S_s	2.326 g	**2.168 g**
1.0s Period MCE_R	S_1	0.967 g	**0.836 g**
Soil Profile Type	Site Class	D	**D**
Site Coefficient	F_a	1.00	**1. 0**
Site Coefficient	F_v	1.50	**(See CBC Section 11.4.8)**
Risk Coefficient	C_{RS}	1.007	**0.904**
Risk Coefficient	C_{R1}	0.984	**0.985**
Site-Specific Design Spectral Acceleration Parameters	S_{DS}	1.551	**1.445**
	S_{D1}	0.967	**(See CBC Section 11.4.8)**
Site Modified Peak Ground Acceleration	PGA_M	0.894 g	**1.002 g**

7.03 Spread Footings and Mat Foundations

7.03.1 Footing/Mat Zones of Influence

Spread footings and mat foundations should bear directly on firm natural undisturbed soils or on engineered fill placed directly on firm natural undisturbed soils. If footings/mats are to be founded above the depths/elevations where firm natural undisturbed soils are present, any and all undocumented materials below the footing/mat zone of influence will need to be removed prior to the placement of new engineered fill. For design purposes the footing/mat zone of influence can be assumed to project down and outward from the bottom of the footing/mat at an inclination of 1:1 (45 degrees). Within zones of influence, existing concrete floor slabs and spread footings should be removed along with any old fill, disturbed soil, or other unsuitable materials at the direction of A3GEO.

7.03.2 Soil Bearing

Footings and mats can be designed using the following bearing pressures:

Bearing Pressures for Footings/Mats on Natural Undisturbed Soil

Load Case	Bearing Pressure (psf)	Minimum Factor of Safety
DL Allowable	2,000	3.0
DL + LL Allowable	3,000	2.0
Total Allowable	4,000	1.5
Ultimate	6,000	1.0

Continuous and isolated spread footings should have minimum widths of 18 inches and 24 inches, respectively. Footings located adjacent to other footings or utility trenches should have their bearing surfaces situated below an imaginary 1.5 horizontal to 1 vertical (1H:1V) plane projected upward from the bottom of the adjacent footing or utility trench.

Mat foundations can be initially evaluated using a subgrade modulus (k) value of 150 pounds per square inch per inch (pci). Because the modulus of subgrade reaction is a function of soil stiffness as well as the rigidity of the mat, A3GEO should consult with the project Structural Engineer during mat foundation design, particularly in cases where soil subgrade modulus has a strong influence. We recommend that we review the results of initial analyses performed using the recommended subgrade modulus value so that we can provide supplemental geotechnical recommendations, if appropriate.

Additional geotechnical analyses should be performed during the design phase to further quantify allowable bearing pressures and long-term settlement potential after preliminary foundation designs have been developed and anticipated foundation loading conditions are known.

7.03.3 Lateral Load Resistance

Resistance to lateral loads may be achieved through a combination of passive soil resistance and base friction. The passive resistance of footings surrounded by soil can be evaluated using an equivalent fluid weight of 300 pounds per cubic foot (pcf) above the design water table and 150 pcf below the design water table. In this report, we recommend a design groundwater elevation of +165 feet (about two feet above the level of the existing building basement floor level) be assumed for structural design purposes.

The preceding equivalent fluid weights can be increased by one-third for dynamic loading. A friction coefficient of 0.35 can be used to evaluate frictional resistance for structural concrete in direct contact with soil. A lower frictional coefficient of 0.15 should be used to evaluate frictional resistance where structural concrete is separated from soil by a moisture barrier or waterproofing membrane. The passive and frictional resistance

values in this section include a factor of safety of at least 1.5 and can be fully mobilized with deformations of less than ½- and ¼- inch, respectively.

7.03.4 Footing/Mat Construction

Footing/mat excavations should be checked by A3GEO for proper depth, bearing, and cleanout prior to the placement of reinforcing steel. Any wet, weak, soft, or otherwise unsuitable soils found to be present should be excavated and replaced in accordance with A3GEO's recommendations. Foundation excavations should be kept moist and free of loose material and standing water prior to concrete placement. The bottoms of mat foundation excavations should be checked by A3GEO and confirmed to be uniformly firm and non-yielding.

7.04 Permanent Basement Retaining Walls

7.04.1 Lateral Earth Pressures

This section presents static lateral earth pressure distributions for use in the design of permanent basement retaining walls. The recommended earth pressure distribution for the static case is based on "at-rest" earth pressures, which are appropriate for walls that are not free to rotate to a degree that would allow active earth pressures to be used. The lateral earth pressure distributions in the following table are in pounds per square foot (psf) per foot of depth, which can also be expressed terms of an equivalent fluid unit weight in pounds per cubic foot (pcf).

Static (Non-Earthquake) Lateral Earth Pressure Distributions for Basement Retaining Walls

Loading Condition	At-Rest Pressure Equivalent Fluid Unit Weight
Above design groundwater elevation	65 pcf
Below design groundwater elevation	95 pcf

We recommend a uniform lateral pressure of 100 psf be applied over the top 10 feet of walls where it is physically possible for vehicles (such as fire trucks) to be present behind the top of the wall. Large and/or concentrated surcharge loads should be evaluated on a case-by-case basis; the contractor should be responsible for evaluating and protecting basement walls from all construction-related surcharge loadings. The recommended lateral pressure distributions presented in this section are unfactored and should be viewed as reasonable approximates of actual lateral pressures under the specified loading conditions.

7.04.2 Seismic Lateral Pressures

This section presents seismic lateral earth pressure distributions for use in the design of permanent basement retaining walls. The recommended earth pressure distribution for the seismic case is based on "active" earth pressures, to which a uniform seismic increment representing the increase in lateral pressure caused by earthquake shaking is added. The active lateral earth pressure distributions in the following table are in pounds per square foot per foot of depth (pcf). The recommended uniform seismic increment (18H) is in psf, where "H" is the height of retained soil (wall height), in feet.

Seismic (Earthquake) Lateral Earth Pressure Distributions for Basement Retaining Walls

Loading Condition	Active Pressure Equivalent Fluid Unit Weight	Seismic Increment (H = wall height in feet)
Above design groundwater elevation	45 pcf	18H psf

Below design groundwater elevation	85 pcf	18H psf

7.05 Earthwork

7.05.1 Unsuitable Materials

Unsuitable materials include, but may not be limited to dry, loose, soft, wet, expansive, organic, or compressible natural soil, and undocumented or otherwise deleterious fill materials. Excavations should be backfilled with engineered fill or controlled low strength material (CLSM).

If unsuitable materials are encountered during construction, we recommend that all unsuitable soils be removed from within the bearing zone below and surrounding planned foundations. We recommend that the bearing zone be defined by imaginary planes inclined at 1:1 (horizontal to vertical) extending downwards and outwards from the outer edge of the foundations. The minimum vertical extent of overexcavation will depend upon the depth of unsuitable material requiring removal, which A3GEO will determine in the field during overexcavation.

7.05.2 Fill Materials

General fill can be used as engineered fill, except where non-expansive material is specifically required. Foundations and slabs founded at shallow depths (relative to adjacent street grades) should be founded on non-expansive material. We recommend that the non-expansive layer beneath shallow footings/mats and concrete slabs that are cast on-grade be at least 18 inches thick. These recommendations do not apply to footings or slabs/mats at the basement level, which can be considered below the depth of seasonal moisture change. Fill materials should conform to the requirements presented below:

General Fill - General fill material should have an organic content of less than 3 percent by volume and should not contain rocks or lumps larger than 6 inches in greatest dimension.

Non-Expansive Fill - Non-expansive fill material should:

- Be free of 6-inch plus material with no more than 15 percent of material larger than 2.5 inches;
- Be free of organic material, debris and environmental contaminants;
- Have a Plasticity Index of 12 or less; and
- Have a Liquid Limit of 40 or less.

All proposed fill materials should be approved by A3GEO prior to their use. Some of the materials cleared or excavated from the site may be suitable for re-use as fill, from a geotechnical standpoint, if they can be processed (i.e., by crushing and/or blending) to meet the above requirements. Import material should be evaluated by our firm prior to its importation to the site.

7.05.3 Fill Placement

Fill materials should be placed in a manner that minimizes lenses, pockets and/or layers of materials differing substantially in texture or gradation from the surrounding fill materials. The soils should be spread in uniform layers not exceeding 8 inches in loose thickness prior to compaction. Each layer should be compacted using mechanical means in a uniform and systematic manner. The fill should be constructed in layers such that the surface of each layer is nearly level. Fill should be placed and compacted based on the following requirements (per ASTM D-1557 Test Methods):

- General fill should be moisture conditioned, as necessary, to between 3 and 5 percent over optimum

moisture content and compacted to 90 percent, or more, relative compaction.

- Non-expansive fill containing an appreciable amount of fines (silt and/or clay) should be moisture conditioned, as necessary, to near optimum moisture content and compacted to at least 90 percent relative compaction.

- Non-expansive fill that is predominantly granular (sand and/or gravel) should be moisture conditioned, as necessary, to near optimum moisture content and compacted to at least 95 percent relative compaction.

It is possible that the soil to be compacted may be excessively wet or dry depending on the moisture content at the time of construction. If the soils are too wet, they may be dried by aeration or by mixing with drier materials. If the soils are too dry, they may be wetted by the addition of water or by mixing with wetter materials. The contractor should take appropriate precautions (such as temporary bracing or the use of lightweight equipment) when placing and compacting backfill behind retaining walls to avoid overstressing the wall.

7.05.4 Utility Trenches

Utility trenches should be backfilled with fill placed in lifts not exceeding 8 inches in uncompacted thickness. Trenches should be filled by placing a granular layer (shading) beneath and around the pipe, and then 6 to 12 inches of shading should be carefully placed and tamped above the pipe. The remaining portion of the trench should be backfilled with onsite or import soil. The backfill (above shading layers) should be placed and compacted to a minimum relative degree of compaction of 90 percent based on ASTM D-1557. The compaction requirements given above should be considered minimum recommended requirements. If the City of Berkeley and/or utility company specifications require more stringent backfill requirements, those specifications should be followed.

If imported granular soil is used, sufficient water should be added during the trench backfilling operations to prevent the soil from “bulking” during compaction. All compaction operations should be performed by mechanical means only. We recommend against jetting.

Where granular backfill is used in utility trenches, we recommend an impermeable plug or mastic sealant be used where utilities pass beneath shallow improvements (e.g., pavements, slabs, shallow foundations) to minimize the potential for free water or moisture to affect any underlying or adjacent expansive soil materials. Finally, because of the potential for collapse of trench walls, we recommend the contractor carefully evaluate the stability of all trenches and use temporary shoring, where appropriate. The design and installation of the temporary shoring should be wholly the responsibility of the contractor. In addition, all state and local regulations governing safety around such excavations should be carefully followed.

7.05.5 Exterior Slabs-on-Grade

We recommend exterior slabs-on-grade be supported on a minimum of 18 inches of non-expansive material. Subgrades beneath future slabs-on-grade should be proof-rolled under our observation and confirmed to be uniform and non-yielding prior to the placement of the slab reinforcement. Concrete slabs that may be subject to vehicle loadings should be evaluated on an individual basis.

Slab reinforcing should be provided in accordance with the anticipated use and loading of the slab. We recommend that exterior slabs-on-grade be at least 4 inches thick and be reinforced with steel bar reinforcement. Exterior slabs should be structurally independent from buildings and be free floating. Score cuts or construction joints should be provided and minor movement and cracking of the slab should be expected. Steps to the building from exterior slab areas should include a gap between the steps and the building foundations. The recommendations presented above, if properly implemented, should help reduce the frequency and magnitude of exterior slab cracking.

7.06 Construction Monitoring and Instrumentation

An instrumentation program should be implemented to evaluate design assumptions, and monitor vibrations at adjacent structures, groundwater levels, deformations of the excavations, and ground surface settlement. The monitoring program should include seismographs, groundwater observation wells, and an array of surface control points. The data obtained should be distributed to appropriate parties during the course of construction. We recommend an instrumentation and monitoring program be implemented, consisting of the components in the following sections.

7.06.1 Preconstruction Conditions Surveys

We recommend preconstruction conditions surveys be completed before the beginning of construction on structures within approximately 50 feet of proposed construction activities. Preconstruction condition surveys should include the exterior and interior of the adjacent neighboring structures. Surveys should include photographs and measurements of relevant site features and hardscape features, including distress features, such as cracks and/or separations that may be present. Consideration may be given to videotaping the survey.

7.06.2 Survey Reference Points

Survey reference points should be installed on the faces of existing adjacent building walls to monitor for potential movement. Additional survey reference points should be placed on adjacent streets, sidewalks, and at other locations determined by the design team. A survey monitoring plan should be developed by the design team prior to construction, and monitoring program threshold and limiting criteria should be incorporated into the Contract Documents. The survey targets should be installed near the excavations at approximately 20-foot spacings. We recommend that the contractor be responsible for maintaining total settlement or horizontal displacement at any survey point to less than ½ inch. If the settlements reach this limit, we recommend that a further review of construction methodologies be performed and appropriate changes be made.

7.06.3 Construction Vibration Monitoring

Humans can detect vibrations at very low levels which may result in complaints and damage claims. Published data indicate that transient vibrations from construction activities, such as pile driving, are noticeable at peak particle velocities as low as 0.02 to 0.06 inches per second (ips). At peak particle velocities as low as 0.2 to 0.4 ips, the vibrations are disturbing and may result in complaints and damage claims. However, these vibration levels are typically below the peak particle velocity threshold considered to cause cosmetic damage to modern commercial/residential construction.

An additional concern is the possibility of settlement of the sand, silty sand and sandy silt underlying structures during construction activities. This settlement may result in damage to the structures. Based on our experience with past projects in similar conditions, if the construction vibrations can be maintained below a peak particle velocity of 0.2 ips, the settlement can likely be limited to acceptable levels.

We recommend that vibration caused by construction activities be monitored in terms of peak particle velocity during construction with seismographs positioned near the adjacent structures and monitored during construction. Based on the type and condition of adjacent structures, an appropriate peak particle velocity threshold should be selected by the vibration monitoring specialist. If peak particle velocities exceed this threshold, construction activity should stop, and construction procedures should be re-evaluated to reduce the potential for excessive vibration. Of greater concern is the possibility of settlement of the sand, silty sand and sandy silt underlying structures during construction activities. This settlement may result in damage to the structures. Based on our experience with past projects in similar conditions, if the construction vibrations can be maintained below a peak particle velocity of 0.2 ips, the settlement can likely be limited to acceptable levels.

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7.07 Future Geotechnical Services

7.07.1 Design Consultation and Plan Reviews

We recommend that we provide geotechnical consultation to the project team during the design phase in order to: (1) check that the design recommendations presented in this report are appropriately incorporated into the project plans and specifications; and (2) provide supplemental geotechnical recommendations, as needed. We recommend that we review the project plans and specifications as they are being developed so that we may provide timely input. We should also perform a general review of the geotechnical aspects of the final plans and specifications, the results of which we should document in a formal plan review letter.

7.07.2 Review of Contractor Requests and Submittals

During the bidding and construction phases, we should review all Requests for Clarification (RFCs) and Requests for Information (RFIs) that are geotechnical in nature. We recommend that we also review all geotechnical submittals from the contractor, including (but not necessarily limited to) those pertaining to shoring, dewatering, excavation/grading and geotechnical materials.

7.07.3 Construction Observation and Testing

The analyses and recommendations submitted in this report are based in part upon interpretations and data obtained from our subsurface exploration and offsite borings by others. These interpretations and data pertain to specific locations at specific times; the nature and extent of any subsurface variations present may therefore not become evident until construction. If variations then become apparent, it will be necessary to re-examine the recommendations of this report.

It is critical that we be retained to provide geotechnical engineering services during the construction phases of the work in order to observe compliance with the design concepts, specifications, and recommendations and to allow design changes in the event that subsurface conditions differ from those anticipated prior to the start of construction. The scope of our construction-phase observation and testing services should include (but not necessarily be limited to) site preparation, shoring installation, mass excavation, footing excavations, fill placement and compaction, retaining wall construction, pavement and slab-on-grade subgrade preparation, placement and compaction of aggregate base, and utility installations.

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8. LIMITATIONS

This report has been prepared for the exclusive use of CA Ventures and their consultants for specific application to the Berkeley Plaza Project described herein. The opinions presented in this report were developed in accordance with generally-accepted geotechnical and engineering geologic principles and practices. No other warranty, expressed or implied, is made. In the event that any changes in the nature or design of the Project are planned, the conclusions and recommendations contained in this report should not be considered valid unless the changes are reviewed, and the conclusions of this report are modified or verified in writing.

The findings of this report are valid as of the present date. However, the passing of time will likely change the conditions of the existing property due to natural processes or the works of man. In addition, due to legislation or the broadening of knowledge, changes in applicable or appropriate standards will occur. Accordingly, this report should not be relied upon after a period of three years without being reviewed by this office.

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PLATES

BERKELEY PLAZA
BERKELEY, CALIFORNIA

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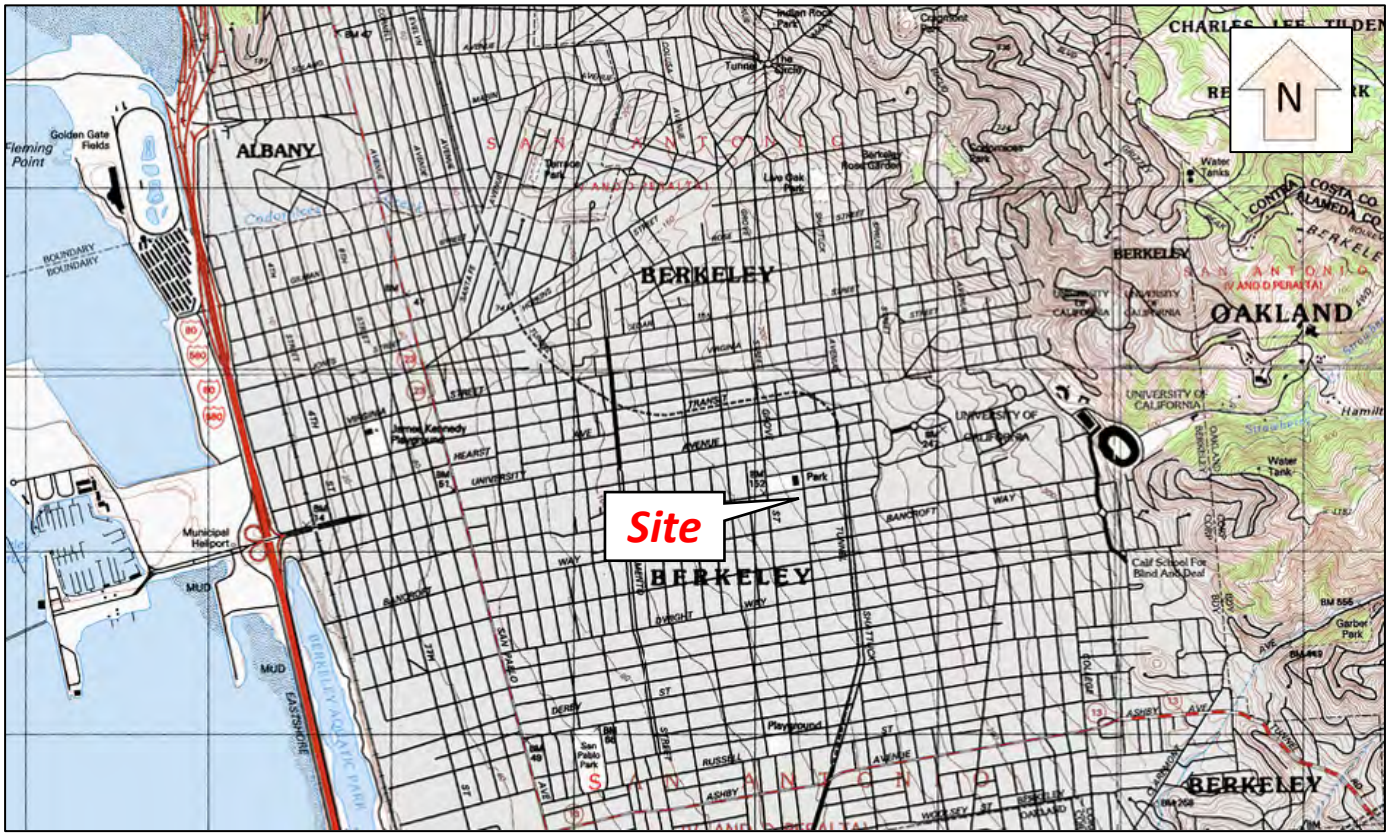
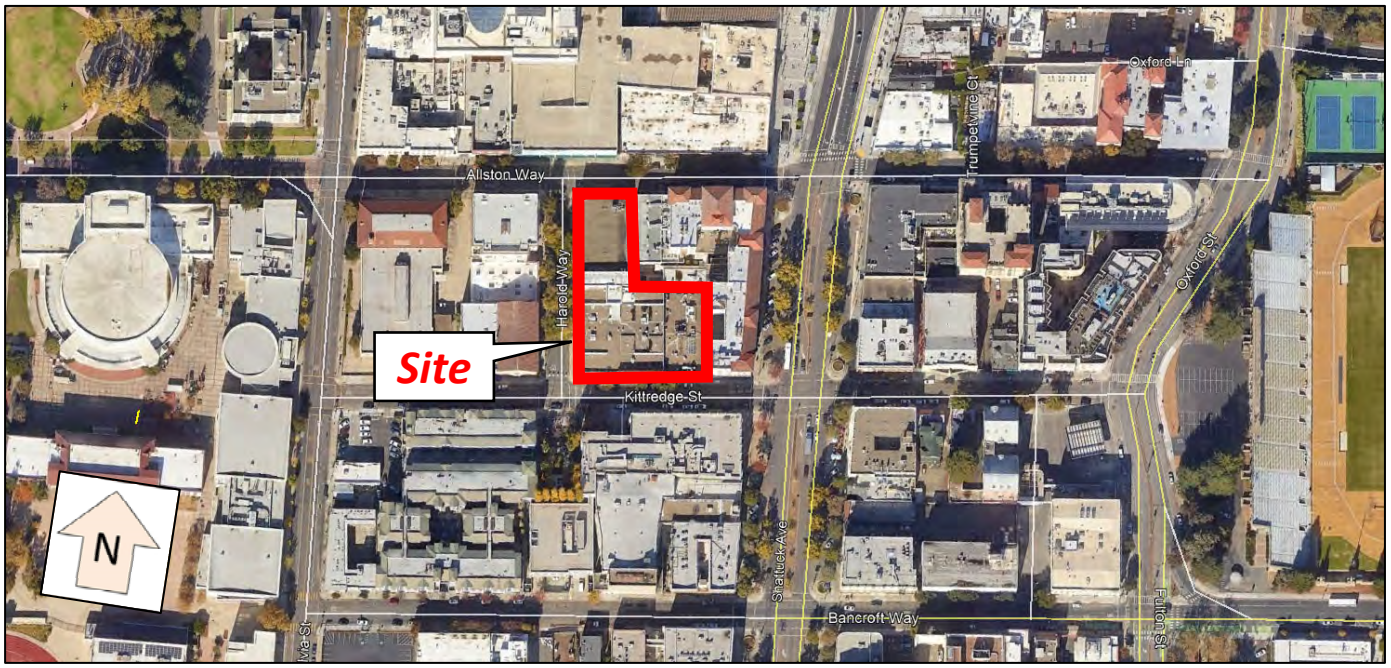
Source: U.S. Geologic Survey (USGS) Quadrangle Maps



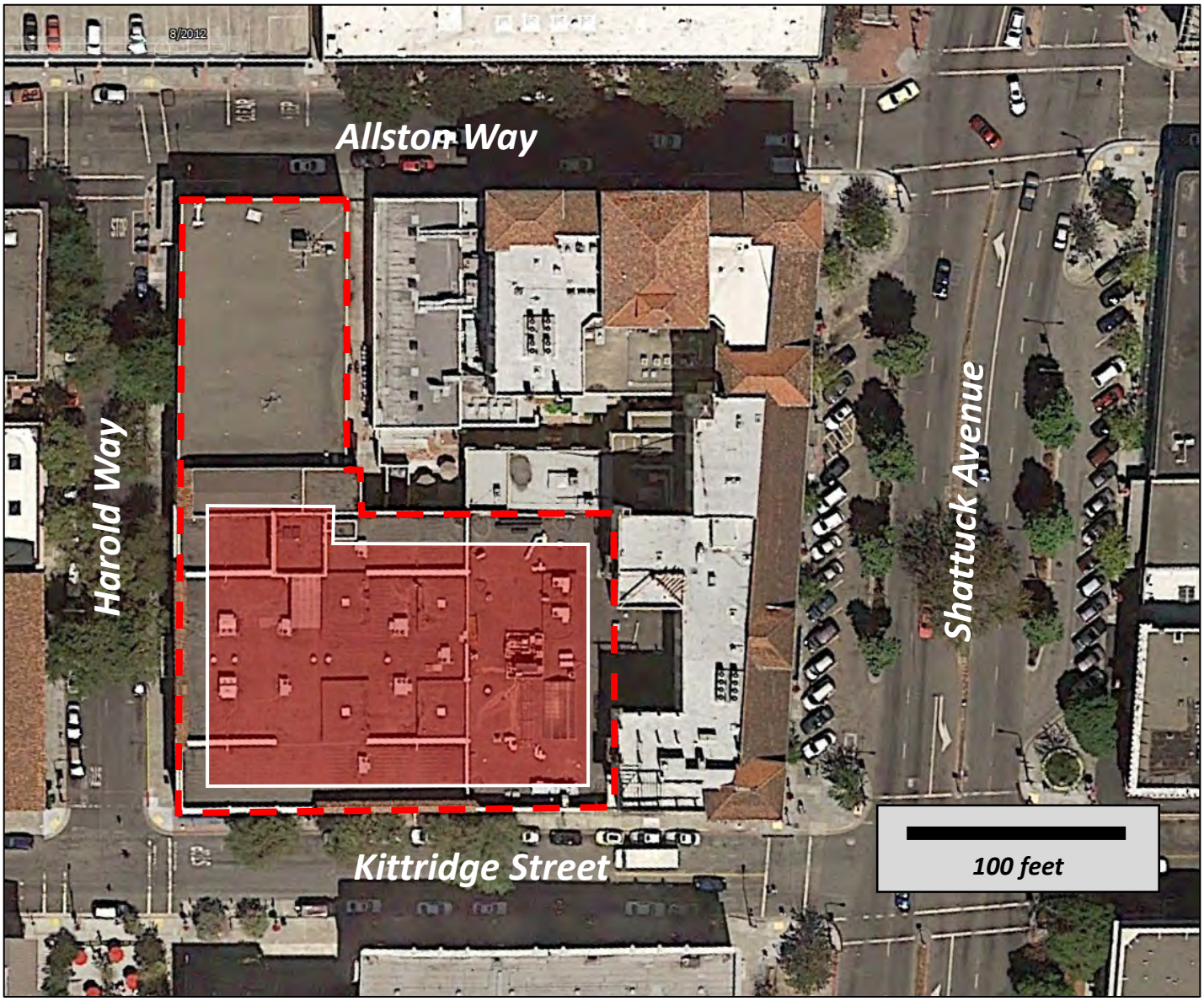


BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 1
Vicinity and Location Maps

A3GEO

Source: Google Earth (imagery date: 8/28/2012)



Approximate Site Limits

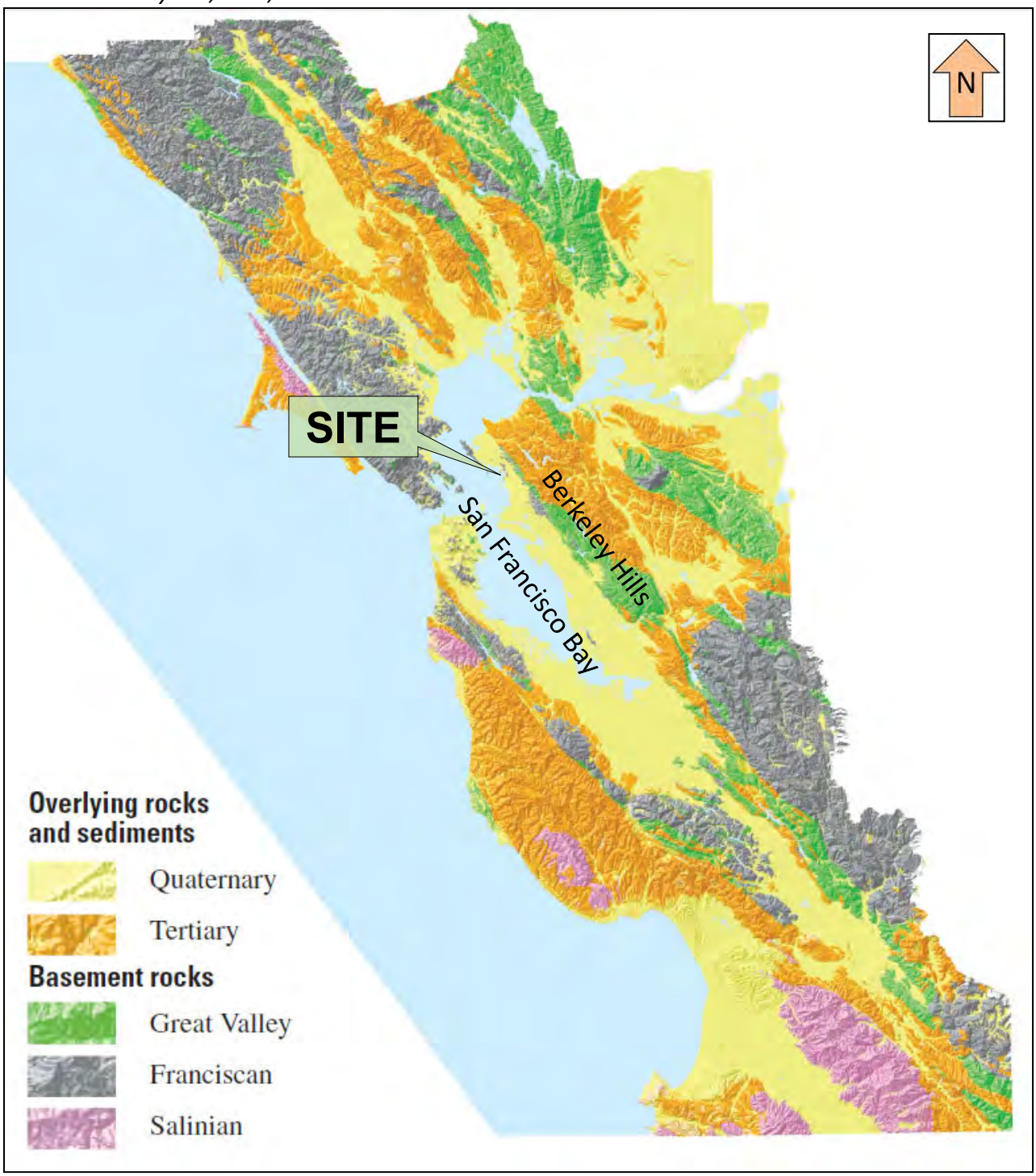
Approximate Limits of Planned Below-Grade Construction

BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 2
Site Aerial Photograph

A3GEO

SOURCE: Graymer, et al, 2006



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BERKELEY, CALIFORNIA

Plate 3
Regional Geology Map

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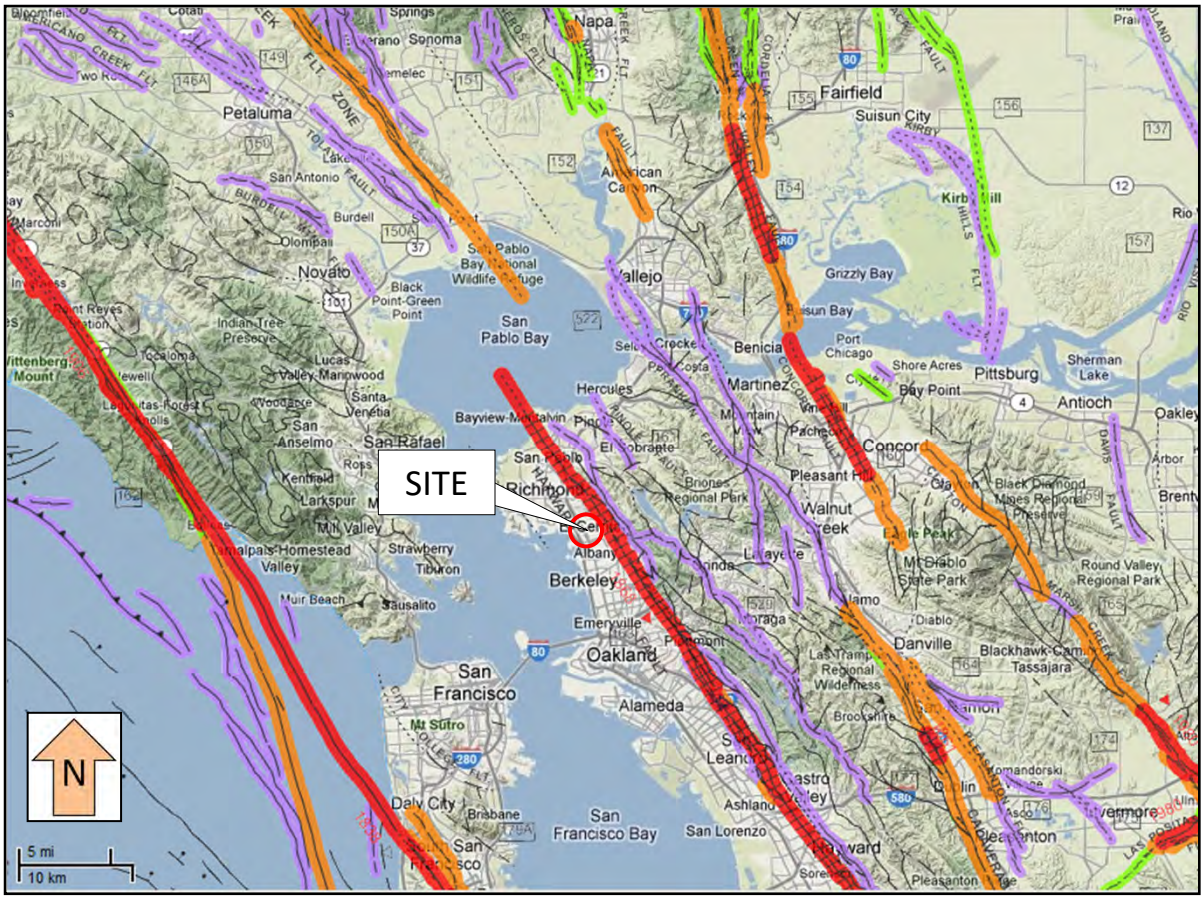
Rodgers Creek

Green Valley - Concord



Greenville

San Gregorio

San Andreas

Hayward

Calaveras

FAULT CLASSIFICATION COLOR CODE
(Indicating Recency of Movement)

Fault along which historic (last 200 years) displacement has occurred.

Holocene fault displacement (during past 11,700 years) without historic record.

Late Quaternary fault displacement (during past 700,000 years).

Quaternary fault (age undifferentiated).

Pre-Quaternary fault (older that 1.6 million years) or fault without recognized Quaternary displacement.

SOURCE:
http://www.quake.ca.gov/gmaps/FAM/faultactivitymap.html

Jennings and Bryant, 2010

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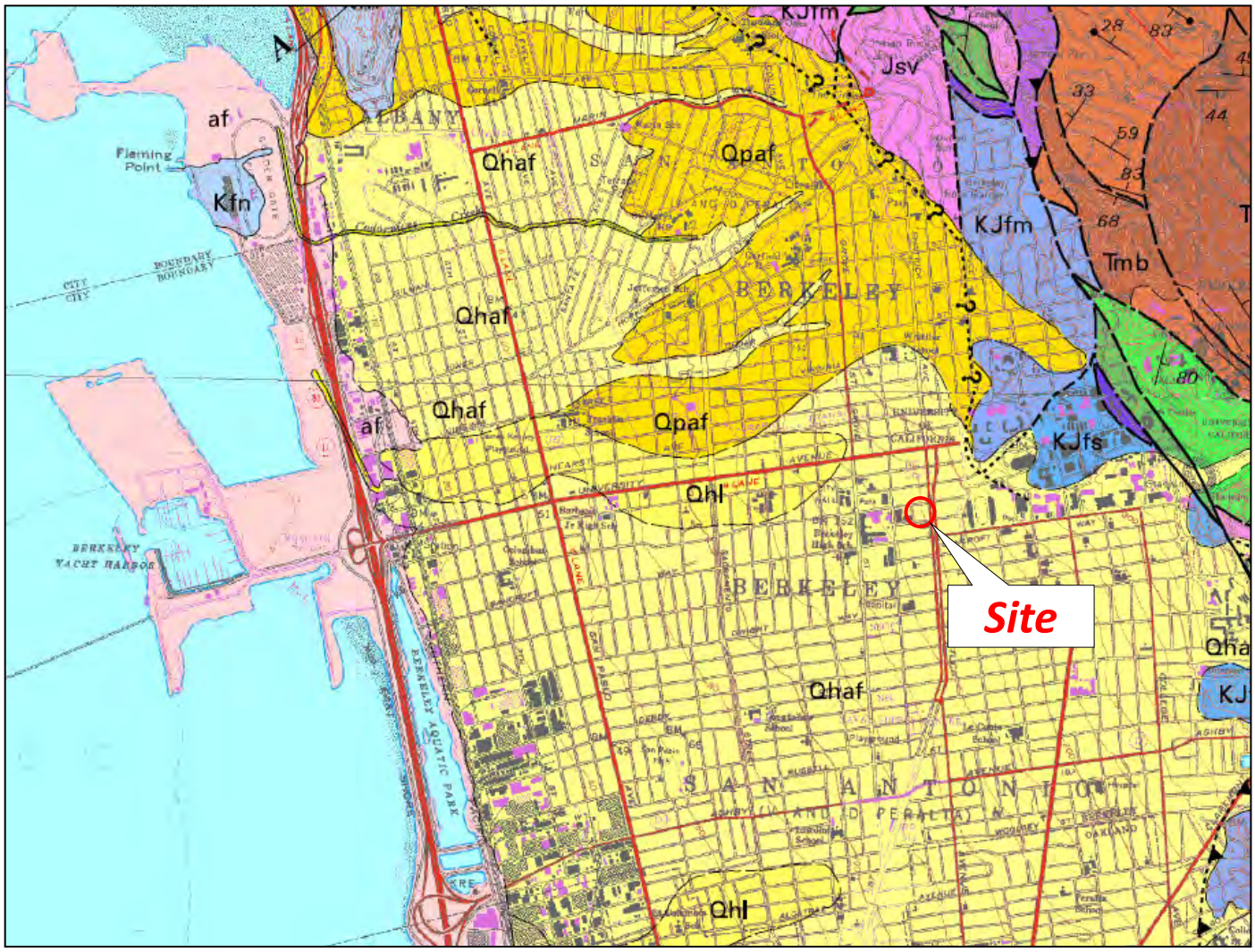
BERKELEY, CALIFORNIA

Plate 4
CGS Fault Activity Map

SOURCE: Graymer, 2000 , USGS MF-2342



LOCAL MAP UNITS

Qhaf	Alluvial fan and fluvial deposits (Holocene)
Qhl	Natural levee deposits (Holocene)
Qpaf	Alluvial fan and fluvial deposits (Pleistocene)
KJfs	Franciscan complex sandstone, undivided (Late Cretaceous to Late Jurassic)
KJfm	Franciscan complex, mélange (Cretaceous Late Jurassic), includes mapped locally:
fs	Graywacke and meta-graywacke blocks

APPROXIMATE SCALE

0 — 1 mile — 2 miles

Contact-- Depositional or intrusive contact, dashed where approximately located, dotted where concealed

Fault-- Dashed where approximately located, small dashes where inferred, dotted where concealed, queried where location is uncertain.

Reverse or thrust fault-- Dashed where approximately located, dotted where concealed

Normal fault-- Dashed where approximately located, dotted where concealed

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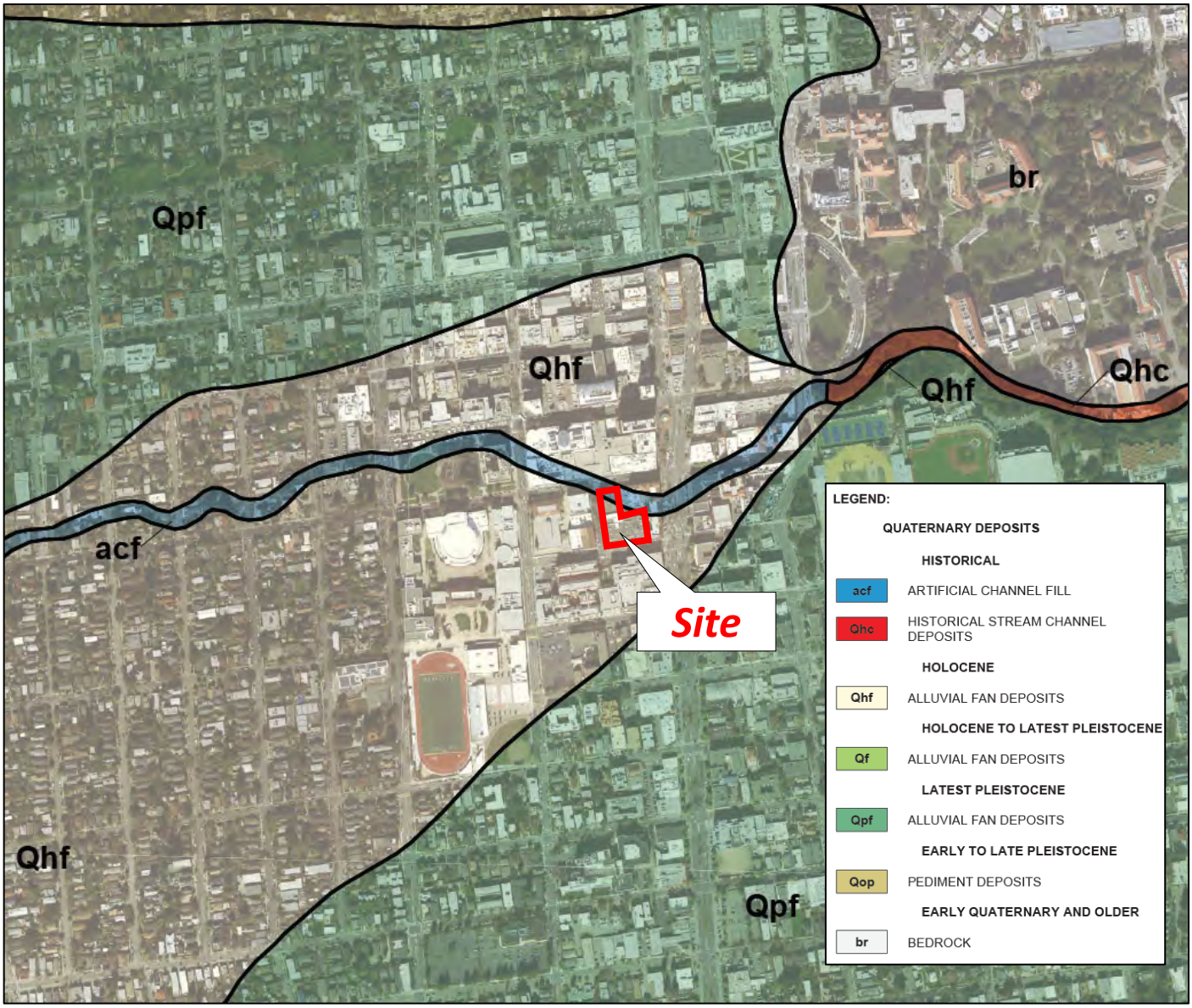
BERKELEY, CALIFORNIA

Plate 5
USGS Regional Geologic Map

SOURCE: Witter, et al., 2006 , USGS OFR 2006-1037



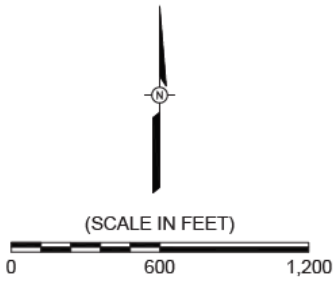


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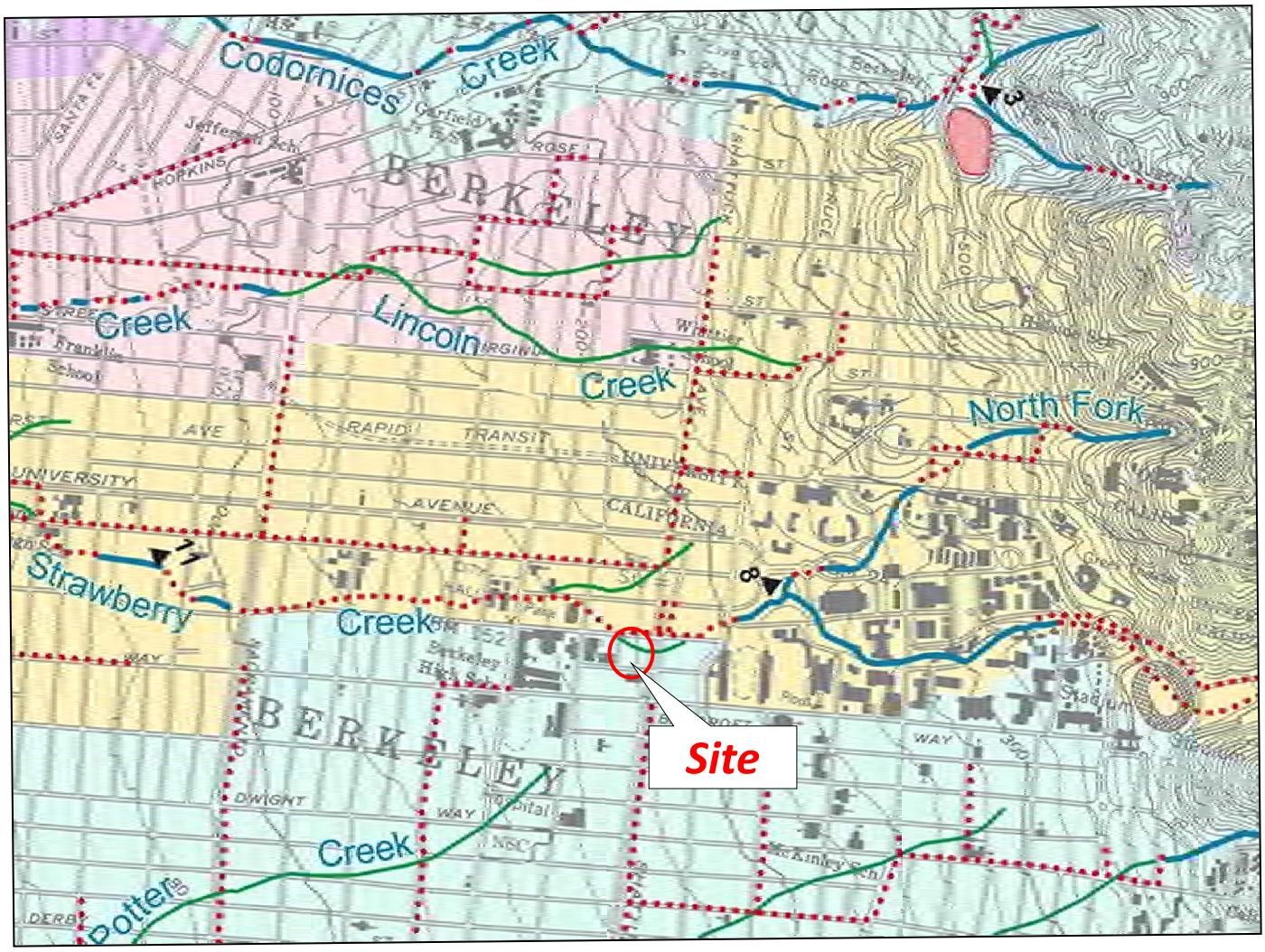
Plate 6
USGS Quaternary Deposits Map

A3GEO



Creeks

Former creeks, buried or drained, circa 1850

Natural end of creek channel, circa 1850

Underground culverts and storm drains

Engineered channels

BERKELEY PLAZA
BERKELEY, CALIFORNIA

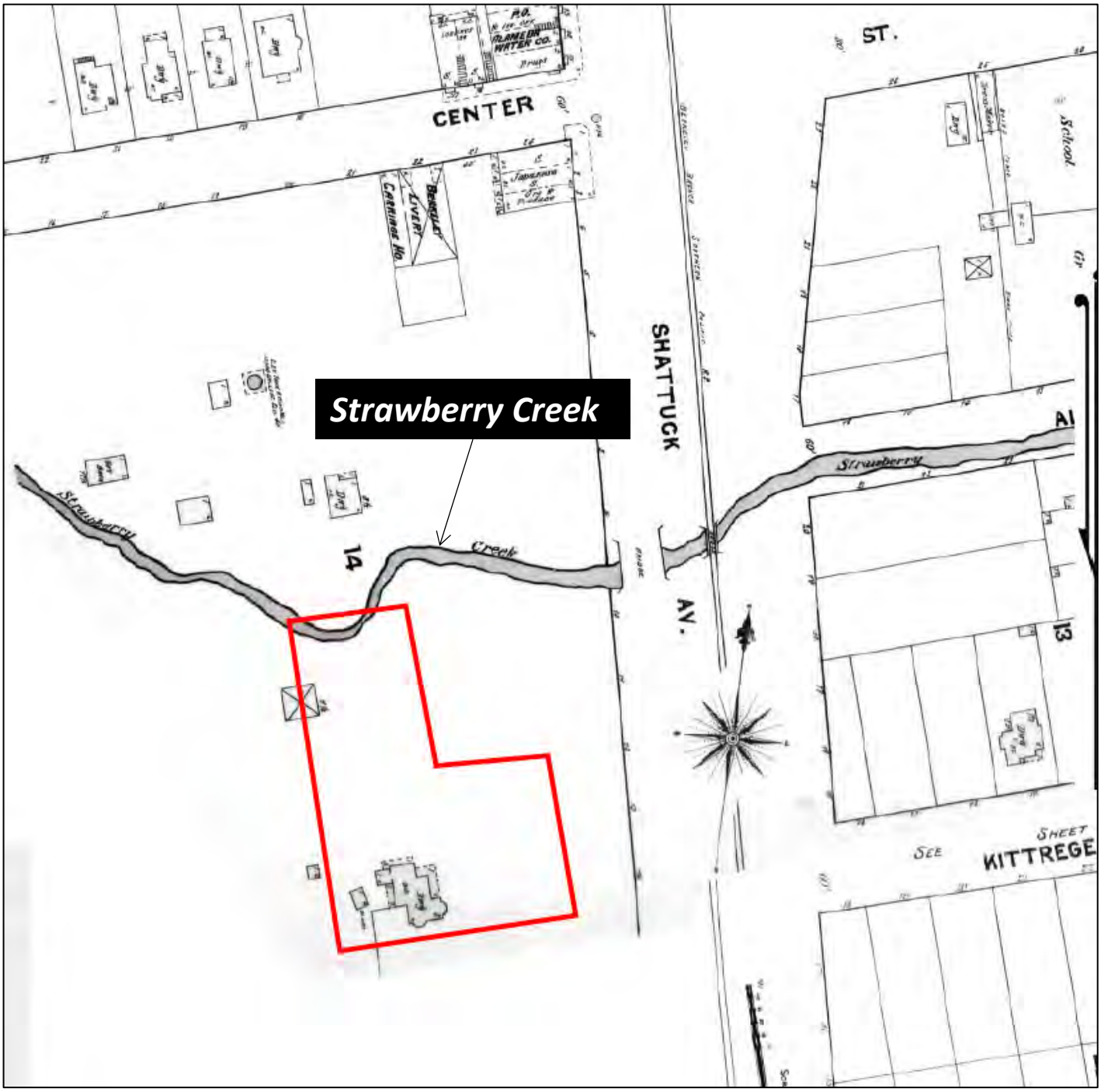
Plate 7
Berkeley Creek Map

A3GEO

BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 8
1878 Thompson & West Map

A3GEO



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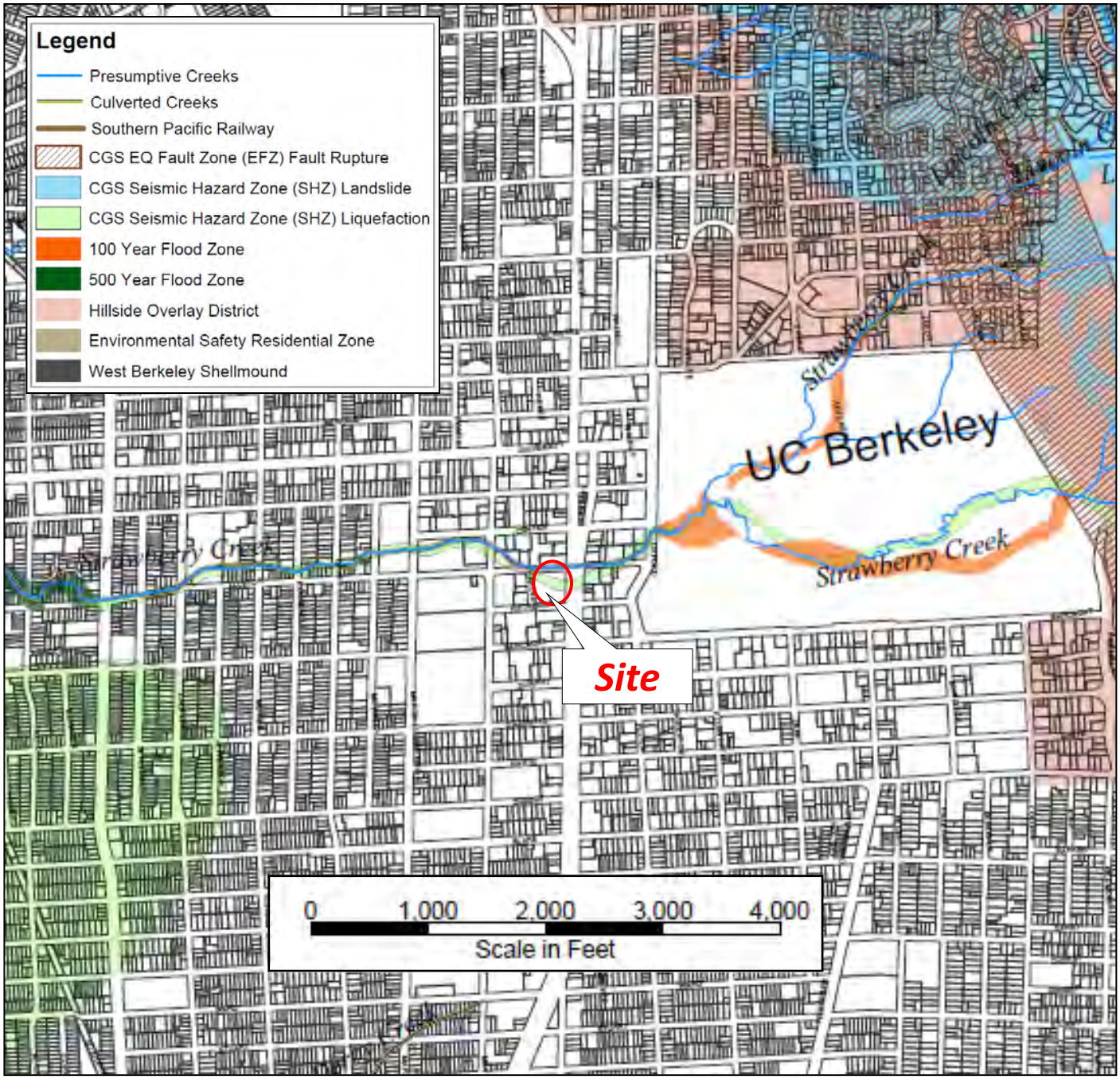
BERKELEY, CALIFORNIA

Plate 9
1890 Sanborn Map

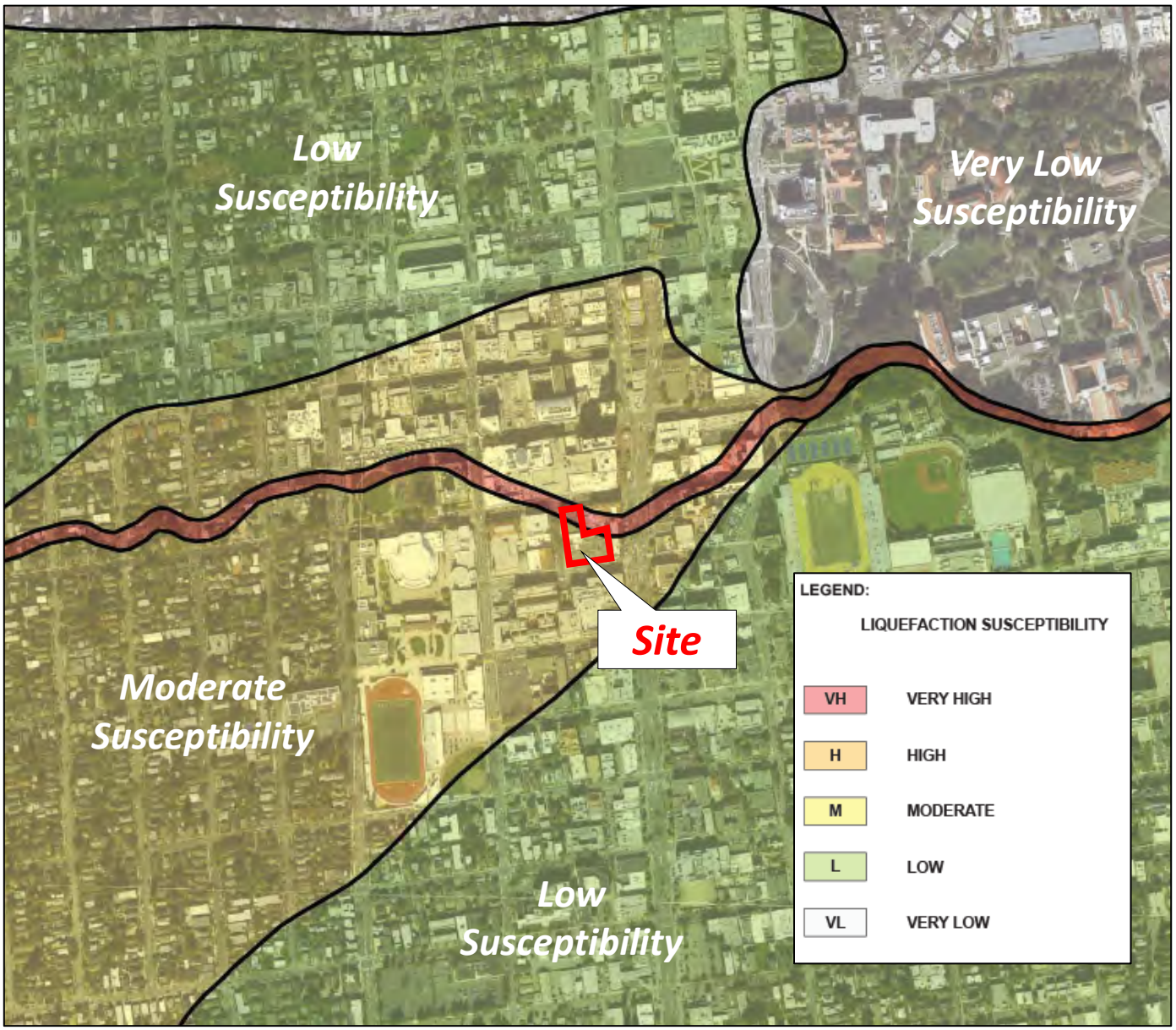
A3GEO

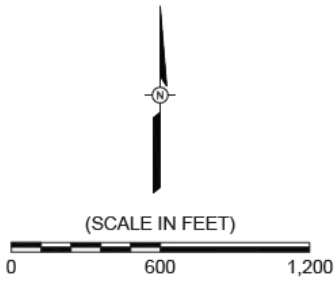


BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 10
Berkeley Environmental Constraints Map

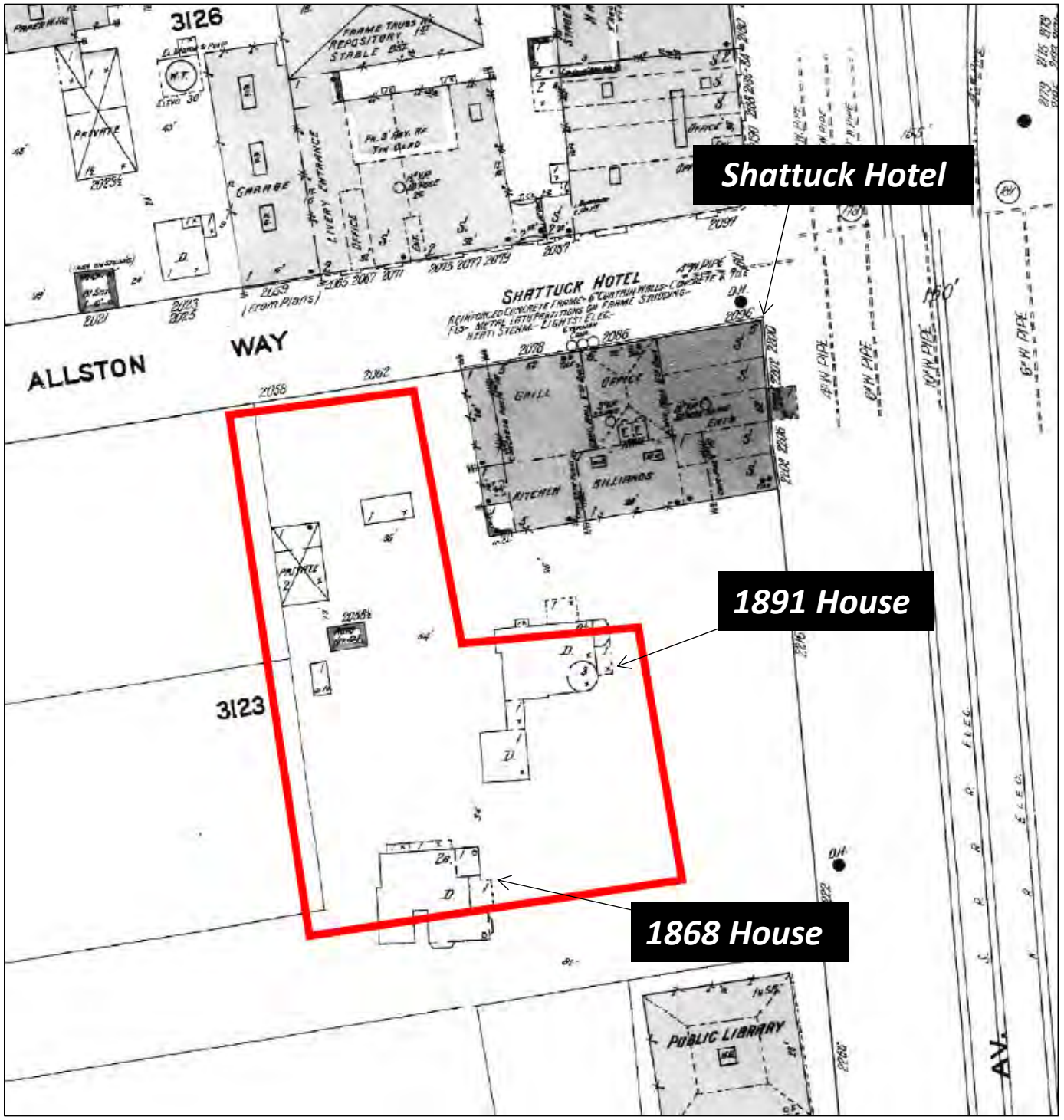
SOURCE: Witter, et al., 2006 , USGS OFR 2006-1037





BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 11
USGS Liquefaction Susceptibility Map



BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 12
1911 Sanborn Map

Source: https://berkeleyplaques.org/plaque/shattuck-hotel/

c. 1909

c. 1912

BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 13
Shattuck Hotel

Source: berkeleyheritage.com

1868 House

1891 House

BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 14
1868 and 1891 Houses

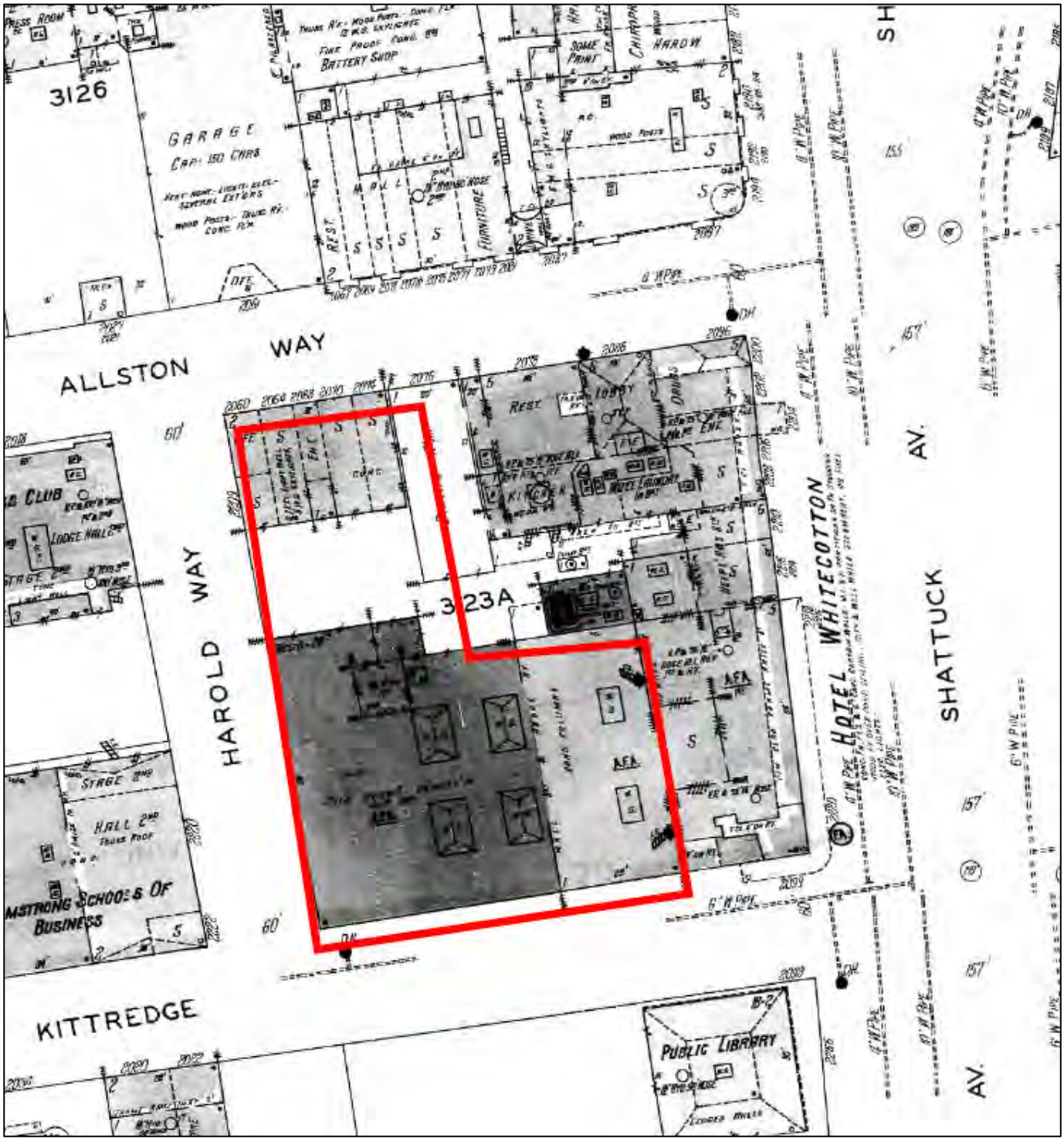
c. 1914

c. 1915

BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 15
Shattuck Hotel - Hotel Whitecotton

A3GEO



BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 16
1929 Sanborn Map

Source: a+h, 2013

BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 17
Hinks 1958-1959 Addition

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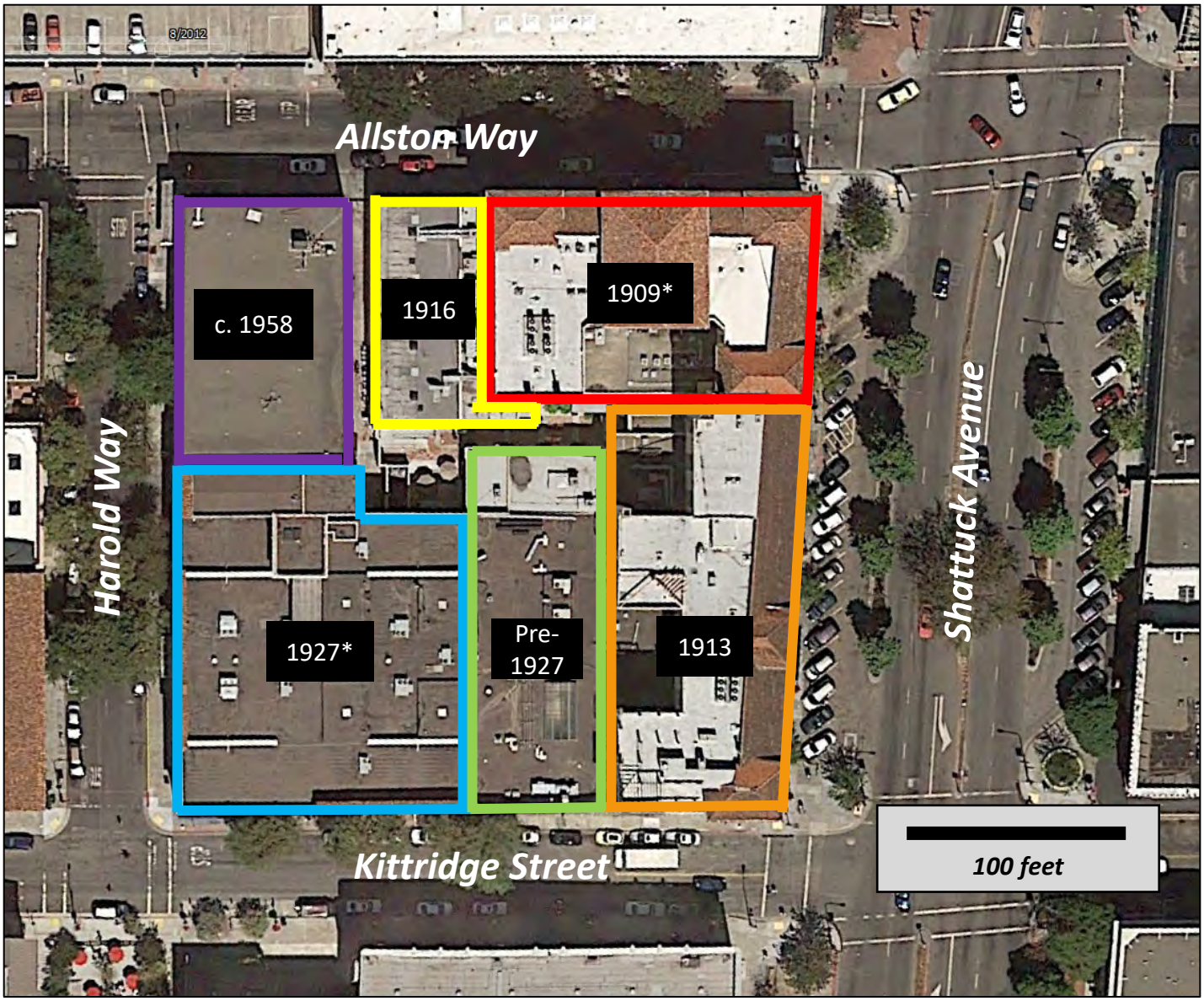
Source: Google Earth (imagery date: 8/28/2012)



* *Foundation Drawings Available*

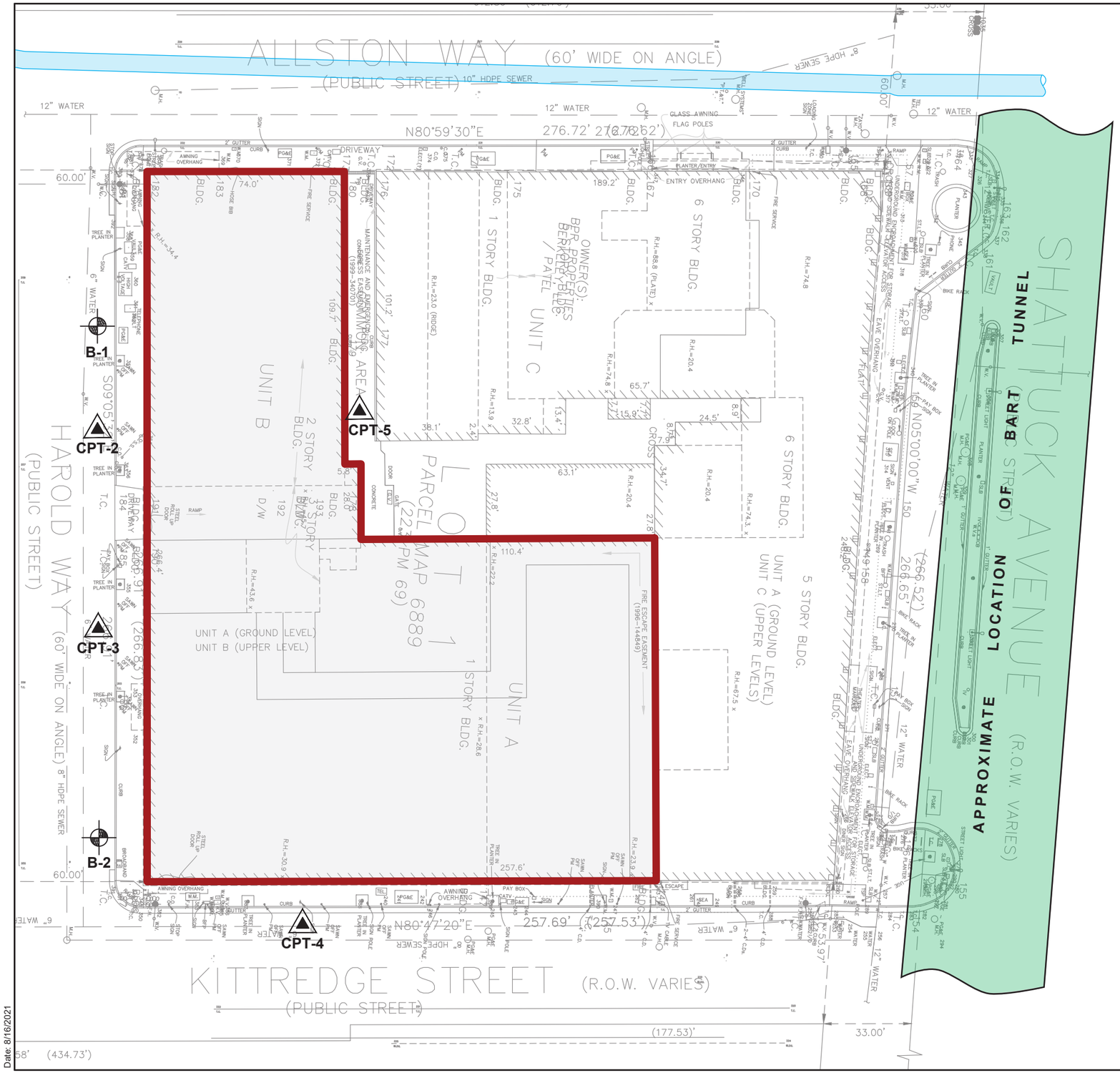
- Shattuck Hotel (North)
- Shattuck Hotel (South)
- Shattuck Hotel Allston Way Addition
- Shattuck Hotel Kittridge Street Addition
- 2211 Harold Way (South)
- 2211 Harold Way (North)

BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 18
Approximate Years of Construction

FIGURES

BERKELEY PLAZA
BERKELEY, CALIFORNIA



LEGEND:

- APPROXIMATE SITE BOUNDARY
- APPROXIMATE LOCATION OF STRAWBERRY CREEK CULVERT
- APPROXIMATE LOCATION OF BART TUNNEL
- B-2 — A3GEO 2019 SOIL BORING LOCATION
- CPT-5 — A3GEO 2019 CPT LOCATION
- R-005-11 — HISTORIC BART BORING - DAMES AND MOORE 1963

Notes:

1. BASE PLAN TAKEN FROM DRAWING C1.0 TITLED "EXISTING CONDITIONS", PREPARED BY BKF ENGINEERS OF WALNUT CREEK, CA, AND DATED 30 MAY 2019.
2. LOCATION OF HISTORIC BART BORING IS APPROXIMATE AND BASED ON LIMITED INFORMATION.
3. CPT-1 WAS ELIMINATED DUE TO UTILITY CONFLICTS
4. LIMITS OF BART TUNNEL ESTIMATED BASED ON HISTORIC DRAWINGS. ACTUAL LIMITS SHOULD BE VERIFIED BY OTHERS.

(SCALE IN FEET)
0 40 80

BERKELEY PLAZA, 2211 HAROLD WAY
BERKELEY, CALIFORNIA

Project No. 1182-1A

SITE PLAN

A3GEO

FIGURE 1

Date: 8/16/2021

APPENDIX A

Boring Logs
(A3GEO, 2019)

BERKELEY PLAZA
BERKELEY, CALIFORNIA

A3GEO, Inc.
1331 Seventh Ave, Suite E
Berkeley, CA 94710
Telephone: 510-705-1664

BORING NUMBER B-1

CLIENT HSR Berkeley Investments
PROJECT NAME Berkeley Plaza
PROJECT NUMBER 1114-10A
PROJECT LOCATION 2211 Harold Way, Berkeley, CA
DATE STARTED 6/12/19 **COMPLETED** 6/14/19
GROUND ELEVATION 172 ft **HOLE SIZE** 6
DRILLING CONTRACTOR Pitcher Drilling Co.
GROUND WATER LEVELS:
DRILLING METHOD Mud Rotary
AT TIME OF DRILLING --- Not Measured
LOGGED BY M. Hachey **CHECKED BY** SK
AT END OF DRILLING --- Not Measured
NOTES
AFTER DRILLING --- Not Measured

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	ADJUSTED BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	RECOVERY % (RQD)	OTHER LAB TESTS / NOTES
0		Note: Advanced to 5 ft using air vacuum excavation to clear utilities. No samples taken [FILL]							
5		CLAYEY SAND (SC) - yellowish brown to grayish brown, medium dense, fine to coarse sand, some silt pockets, some fine gravel, moderate to strong cementation, dry [Probable FILL]	MC	28					
		Note: Top of natural soils estimated from surrounding samples							
10		CLAYEY SAND WITH GRAVEL (SC) - brown, medium dense, fine to coarse gravel up to 1-inch in dia., subrounded to rounded gravel, moderate to strong cementation, dry [Probable ALLUVIUM]	MC	28		127	13		Gravel=36% Sand=45% -#200=19%
		SANDY LEAN CLAY (CL) - light gray with orange and black staining, hard, low to medium plasticity, moist [ALLUVIUM]							
15			MC	33					
		LEAN CLAY WITH SAND (CL) - reddish light brown with black staining, hard, low plasticity, moist [ALLUVIUM]							
20			MC	36					Gravel=1% Sand=20% -#200=79%
25		similar to above except very stiff, trace coarse sand and fine gravel	MC	27					
30			ST			100	24		Gravel=1% Sand=28% -#200=71% LL=38, PI=16
		SANDY LEAN CLAY (CL) - yellowish brown, very stiff, fine to coarse sand, some fine gravel, low plasticity, moist [ALLUVIUM]							
35									

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GEOTECH BH COLUMN TERM LEFT ALIGNED (2) - A3GEO DATA TEMPLATE.GDT - 8/21/19 16:31 - A:\A3GEO PROJECTS\1114 - TIPPING\1114-10A BERKELEY PLAZA\4_INVESTIGATION\BORING LOGS\GINT\1114-10A.GPJ

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35		SANDY LEAN CLAY (CL) - yellowish brown, very stiff, fine to coarse sand, some fine gravel, low plasticity, moist [ALLUVIUM]*(continued)*	MC	21					
40		CLAYEY SAND WITH GRAVEL (SC) - yellowish brown, dense, fine to coarse gravel, subrounded to angular, low plasticity fines, medium to strong cementation, moist [ALLUVIUM]	MC	45					Gravel=15% Sand=49% -#200=36%
45		yellowish brown and variable coloration, very dense, increase in gravel content	MC	32/5.0"					
50		LEAN CLAY WITH SAND (CL) - light gray, medium plasticity, moist [ALLUVIUM]	ST			102	21		Gravel=0% Sand=20% -#200=80% LL=47, PI=29
55		light yellowish brown, very stiff, predominantly fine sand	MC	20		100	26		TXUU Su=1.24 tsf
60		CLAYEY SAND WITH GRAVEL (SC) - grayish brown, dense, fine to coarse sand, trace silt, medium cementation, moist [ALLUVIUM]	MC	39					Gravel=17% Sand=51% -#200=32%
65		SANDY LEAN CLAY (CL) - light brown, hard, fine to coarse sand, some fine gravel, low plasticity, moist [ALLUVIUM]	MC	33					
70									

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DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	ADJUSTED BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	RECOVERY % (RQD)	OTHER LAB TESTS / NOTES
70		SANDY LEAN CLAY (CL) - light brown, hard, fine to coarse sand, some fine gravel, low plasticity, moist [ALLUVIUM]*(continued)* yellowish brown, some gravel up to 1-inch in dia.	MC	31					
75		CLAYEY SAND (SC) - light yellowish brown, very dense, fine to coarse sand, some fine to coarse gravel up to 2-inch in dia., rounded to subangular, moist [ALLUVIUM]	MC	52					Gravel=11% Sand=44% -#200=45%
80		LEAN CLAY WITH SAND (CL) - light yellowish brown with light gray and brown staining, hard, fine to medium sand, low plasticity, moist [ALLUVIUM]	MC	32/5.5"					
85		some gravel	MC	52		112	19		Gravel=6% Sand=38% -#200=56% LL=33, PI=15 TXUU Su=2.45 tsf
90		CLAYEY SAND WITH GRAVEL (SC) - yellowish brown and variable coloration, very dense, fine to coarse sand, wet [ALLUVIUM]	MC	32/5.0"					
95									
100		mottled yellowish brown and light gray with black staining, less gravel content	MC	32/5.0"					
105									

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105		CLAYEY SAND WITH GRAVEL (SC) - yellowish brown and variable coloration, very dense, fine to coarse sand, wet [ALLUVIUM]*(continued)*							
110		dense	MC	35					Gravel=14% Sand=61% -#200=25%
115		SANDY LEAN CLAY WITH GRAVEL (CL) - light yellowish brown and light gray with iron staining, hard, highly weathered gravel (sandstone) [ALLUVIUM]							
120			MC	32/5.5"					
125		LEAN CLAY WITH SAND (CL) - light gray with iron staining, hard, trace weathered gravel , low plasticity [ALLUVIUM]							
130			MC	45					
135		SILTY CLAYEY SAND WITH GRAVEL (SC-SM) - orange-brown with some light gray and black staining, very dense, predominantly fine sand with few coarse sand, fine gravel, medium to strong cementation [ALLUVIUM]							
140									

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140		SILTY CLAYEY SAND WITH GRAVEL (SC-SM) - orange-brown with some light gray and black staining, very dense, predominantly fine sand with few coarse sand, fine gravel, medium to strong cementation [ALLUVIUM]*(continued)*	MC	32/5.5"					
145		SANDY LEAN CLAY (CL) - mottled light gray and orangish brown with some black staining, hard, fine to medium sand, low plasticity [ALLUVIUM]							
150			MC	50					
155		SANDY LEAN CLAY WITH GRAVEL (Weathered Conglomerate) - yellowish brown and variable coloration, hard, fine to coarse gravel, subangular and consists of some sandstone fragments [WEATHERED BEDROCK]							
160			MC	32/5.0"					
165		weathered Claystone/Conglomerate							
170			MC	32/4.0"					

Bottom of borehole at 170.8 feet.
1. Stratification lines represent the approximate boundaries between material types and the transitions may be gradual.
2. Modified California (MC) blowcounts adjusted by multiplying field blowcounts by a factor 0.63.
3. Borhole was backfilled with cement grout upon completion of the drilling.

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BORING NUMBER B-2

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DATE STARTED 6/10/19 **COMPLETED** 6/12/19
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GROUND WATER LEVELS:
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AT TIME OF DRILLING --- Not Measured
LOGGED BY M. Hachey **CHECKED BY** SK
AT END OF DRILLING --- Not Measured
NOTES
AFTER DRILLING --- Not Measured

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	ADJUSTED BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	RECOVERY % (RQD)	OTHER LAB TESTS / NOTES
0		Note: Advanced to 5 ft using air vacuum excavation to clear utilities. No samples taken [FILL]							
5		CLAYEY SAND WITH GRAVEL (SC) - brown with trace iron staining, medium dense, medium to coarse sand, moist [Probable ALLUVIUM]	MC	14		108	18		Gravel=18% Sand=51% -#200=31%
		increase in gravel content							
10		SILTY, CLAYEY GRAVEL WITH SAND (GC-GM) - variable brown , dense, fine to coarse subangular gravel up to 3-inch in dia., moist [ALLUVIUM]	MC	44					
		SILTY, CLAYEY SAND WITH GRAVEL (SC-SM) - grayish brown with some iron staining, dense, fine to coarse sand, fine to coarse subangular gravel up to 3-inch in dia., moist [ALLUVIUM]							
15			MC	34					Gravel=21% Sand=61% -#200=18%
20		decrease in gravel content, fine to medium gravel	MC	31					
		LEAN CLAY WITH SAND (CL) - mottled grayish and orange brown, stiff, medium to coarse sand, low plasticity, moist [ALLUVIUM]							
25			MC	13					Gravel=5% Sand=19% -#200=76% LL=27, PI=9
30		SILTY SAND (SM) - grayish brown to brown with iron staining, fine to coarse sand, few gravel, moist [ALLUVIUM]	ST						
35		LEAN CLAY WITH SAND (CL) - light to yellowish brown with black staining, very stiff, fine to coarse sand, trace fine gravel, low to medium plasticity, moist [ALLUVIUM]							

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35		LEAN CLAY WITH SAND (CL) - light to yellowish brown with black staining, very stiff, fine to coarse sand, trace fine gravel, low to medium plasticity, moist [ALLUVIUM]*(continued)*	MC	20		99	27		Gravel=1% Sand=17% -#200=82% LL=40, PI=17 TXUU Su=1.38 tsf
40		brown	MC	25					
		CLAYEY SAND WITH GRAVEL (SC) - grayish brown and variable coloration, dense, fine to coarse sand, angular gravel up to 1-inch in dia., moderate to strong cementation, moist [ALLUVIUM]							
45			MC	42					
50			MC	32/5.5"		118	16		Gravel=30% Sand=47% -#200=23% TXUU Su=1.25 tsf
		brown, very dense							
55		increase in coarse sand, gravel up to 2-inch in dia.	MC	32/5.5"					
60		predominantly fine sand, some medium to coarse sand, subrounded gravel up to 1-inch in dia.	MC	32/5.0"					
		CLAYEY SAND (SC) - light brown, medium dense, fine to coarse sand, few fine gravel, moist [ALLUVIUM]							
65			MC	25					Gravel=3% Sand=52% -#200=45%
		SANDY LEAN CLAY (CL) - mottled grayish and orange brown, very stiff, mostly fine sand, low plasticity, moist [ALLUVIUM]							
70									

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70		SANDY LEAN CLAY (CL) - mottled grayish and orange brown, very stiff, mostly fine sand, low plasticity, moist [ALLUVIUM]*(continued)*	MC	16					
75		brown, hard, lenses of clayey sand, some fine gravel	MC	44					
80		mottled grayish and orange brown, hard, some highly weathered bedrock fragments (shale, chert and claystone)	MC	45					Gravel=10% Sand=32% -#200=58%
85		fine to coarse sand	MC	50					
90		CLAYEY SAND WITH GRAVEL (SC) - yellowish brown, very dense, fine to coarse sand, fine to coarse gravel, moist to wet [ALLUVIUM]	MC	32/5.5"					
95			MC	32/5.5"					
100		increase in gravel content and fragments of sandstone [ALLUVIUM]	MC	32/5.5"					Gravel=38% Sand=41% -#200=21%
105		SANDY LEAN CLAY (CL) - mottled light gray with orange staining, hard, low plasticity, moist [ALLUVIUM]							

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105		SANDY LEAN CLAY (CL) - mottled light gray with orange staining, hard, low plasticity, moist [ALLUVIUM]*(continued)*	MC	32		113	19		Gravel=4% Sand=31% -#200=65%
		SANDY LEAN CLAY WITH GRAVEL (CL) - light gray to yellowish brown with iron staining, hard, predominantly fine sand with some medium to coarse sand, subrounded to subangular gravel, moist [ALLUVIUM]							
110			MC	32/5.0"					
115		increase in iron staining, decrease in gravel content	MC	32/4.5"					
		CLAYEY SAND (SC) - yellowish brown, dense, some fine gravel, moist [ALLUVIUM]							
120			MC	45					Gravel=10% Sand=46% -#200=44%
		SANDY LEAN CLAY WITH GRAVEL (CL) - mottled light gray and yellowish brown grading to mottled light gray and reddish brown, hard, predominantly fine sand with some medium to coarse sand, moist [ALLUVIUM]							
125			MC	33					
130		SILTY SAND to SANDY SILT (SM/ML) - light gray and yellowish brown with some iron staining, very dense/hard, fine to coarse sand, some fine to coarse gravel, strong cementation, moist [ALLUVIUM]	MC	32/5.5"					
135		increased clay content below 135 ft trace lithified organics	MC	32/5.5"					
140									

(Continued Next Page)

GEOTECH BH COLUMN TERM LEFT ALIGNED (2) - A3GEO DATA TEMPLATE.GDT - 8/21/19 16:31 - A:\A3GEO PROJECTS\1114 - TIPPING\1114-10A BERKELEY PLAZA\4_INVESTIGATION\BORING LOGS\GINT\1114-10A.GPJ

A3GEO, Inc.
1331 Seventh Ave, Suite E
Berkeley, CA 94710
Telephone: 510-705-1664

BORING NUMBER B-2

CLIENT HSR Berkeley Investments
PROJECT NAME Berkeley Plaza
PROJECT NUMBER 1114-10A
PROJECT LOCATION 2211 Harold Way, Berkeley, CA
DATE STARTED 6/10/19 **COMPLETED** 6/12/19
GROUND ELEVATION 172 ft **HOLE SIZE** 6
DRILLING CONTRACTOR Pitcher Drilling Co.
GROUND WATER LEVELS:
DRILLING METHOD Mud Rotary
AT TIME OF DRILLING --- Not Measured
LOGGED BY M. Hachey **CHECKED BY** SK
AT END OF DRILLING --- Not Measured
NOTES
AFTER DRILLING --- Not Measured

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	ADJUSTED BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	RECOVERY % (RQD)	OTHER LAB TESTS / NOTES
140		SILTY SAND to SANDY SILT (SM/ML) - light gray and yellowish brown with some iron staining, very dense/hard, fine to coarse sand, some fine to coarse gravel, strong cementation, moist [ALLUVIUM]*(continued)* some clay content	MC	32/4.5"					
145		yellowish brown	MC	32/4.0"					
150			MC	32/5.5"					
		SANDY LEAN CLAY WITH GRAVEL (Weathered Conglomerate) - yellowish brown, hard, fine to coarse subangular gravel (sandstone fragments) [WEATHERED BEDROCK]							
155			MC	32/4.5"					
160		visible bedrock structure	MC	32/4.5"					
165		sandstone gravel/cobbles in light gray clayey matrix (weathered Conglomerate)	MC	32/5.5"					
170			MC	32/5.5"					

Bottom of borehole at 170.5 feet.
1. Stratification lines represent the approximate boundaries between material types and the transitions may be gradual.
2. Modified California (MC) blowcounts adjusted by multiplying field blowcounts by a factor 0.63.
3. Borhole was backfilled with cement grout upon completion of the drilling.

GEOTECH BH COLUMN TERM LEFT ALIGNED (2) - A3GEO DATA TEMPLATE.GDT - 8/21/19 16:31 - A:\A3GEO PROJECTS\1114 - TIPPING\1114-10A BERKELEY PLAZA\4_INVESTIGATION\BORING LOGS\GINT\1114-10A.GPJ

UNIFIED SOIL CLASSIFICATION CHART

MAJOR DIVISIONS				TYPICAL NAMES
COARSE GRAINED SOILS: more than 50% retained on No. 200 sieve	COARSE GRAINED SOILS: 50% or more of coarse fraction on No. 4 sieve	CLEAN GRAVELS	GW	Well graded gravels and gravel-sand mixtures, little or no fines
			GP	Poorly graded gravels and gravel-sand mixtures, little or no fines
		GRAVELS WITH SAND	GM	Silty gravels and gravel-sand-silt mixtures
			GC	Clayey gravels and gravel-sand-clay mixtures
	SANDS: more than 50% passing on No. 4 sieve	CLEAN SANDS	SW	Well graded sands and gravelly sand, little or no fines
			SP	Poorly graded sands and gravelly sand, little or no fines
		SANDS WITH FINES	SM	Silty sands, sand-silt mixtures
			SC	Clayey sands, sand-clay mixtures
FINE GRAINED SOILS: 50% or more passing No. 200 sieve	SILTS AND CLAY: Liquid Limit 50% or less		ML	Inorganic silts, very fine sands, rock flour, silty or clayey fine sands
			CL	Inorganic clays or low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
			OL	Organic silts and organic silty clays of low plasticity
	SILTS AND CLAY: Liquid Limit 50% or greater		MH	Inorganic silts, micaceous or diatomaceous fine sands or silts, elastic clays
			CH	Inorganic clays of high plasticity, fat clays
			OH	Organic clays of medium to high plasticity
HIGHLY ORGANIC SOILS			PT	Peat, muck, and other highly organic soils

BOUNDARY CLASSIFICATION AND GRAIN SIZES

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

U.S. Standard Sieve Sizes	No. 200	No. 40	No. 10	No. 4	3/4"	3"	12"
	0.075 mm	0.425 mm	2 mm	3/16"			

SYMBOLS

Modified California (MC) Sampler (3" O.D.)	HQ ROCK CORE (RC)	101 Barrel (SS)
Standard Penetration Test: SPT (2" O.D.)	Pitcher Tube (ST)	Water Levels At time of drilling At end of drilling After drilling

ABBREVIATIONS

Item	Meaning
LL	Liquid Limit (%) (ASTM D 4318)
PI	Plasticity Index (%) (ASTM D 4318)
-200	Passing No. 200 (%) (ASTM D 1140)
TXCU	Laboratory consolidated undrained triaxial test of undrained shear strength (psf) (ASTM D 4767)
TXUU	Laboratory unconsolidated, undrained triaxial test of undrained shear strength (psf) (ASTM D 2850)
psf/tsf	pounds per square foot / tons per square foot
psi	pounds per square inch
OD	Outside Diameter
ID	Inside Diameter

NOTES

1. Stratification lines represent the approximate boundaries between material types and the transitions may be gradual.
2. Modified California (MC) blow counts were adjusted by multiplying field blow counts by a factor of 0.63.
3. Recorded blow counts have not been adjusted for hammer energy.

A3GEO

KEY TO EXPLORATORY BORING LOGS

A3GEO

BEDDING OF SEDIMENTARY ROCK		
SPLITTING PROPERTY	THICKNESS	STRATIFICATION
Massive	Greater than 4.0 feet	Very Thick-Bedded
Blocky	2.0 to 4.0 feet	Thick-Bedded
Slabby	0.2 to 2.0 feet	Thin-Bedded
Flaggy	0.05 to 0.2 feet	Very Thin-Bedded
Shaly or Platy	0.01 to 0.05 feet	Laminated
Papery	Less than 0.01 feet	Thinly Laminated

FRACTURING	
INTENSITY	SIZE OF PIECES IN FEET
Very Little Fractured	Greater than 4.0 feet
Occasionally Fractured	1.0 to 4.0 feet
Moderately Fractured	0.5 to 1.0 feet
Closely Fractured	0.1 to 0.5 feet
Intensely Fractured	0.05 to 0.1 feet
Crushed	Less than 0.05 feet

HARDNESS	
Soft	Reserved for plastic material alone
Low Hardness	Can be gouged deeply or carved easily by a knife blade
Moderately Hard	Can be readily scratched by a knife blade; scratch leaves a heavy trace of dust and is readily visible after the powder has been blown away
Hard	Can be scratched by a knife blade with difficulty; scratch produces little powder and is often faintly visible
Very Hard	Cannot be scratched by a knife blade; leaves a metallic streak

STRENGTH	
Plastic	Very low strength
Friable	Crumbles easily by rubbing with fingers
Weak	An unfractured specimen of such material will crumble under light hammer blows
Moderately Strong	Specimen will withstand a few heavy hammer blows before breaking
Strong	Specimen will withstand a few heavy ringing hammer blows and will yield with difficulty only dust and small flying fragments
Very Strong	Specimen will resist heavy ringing hammer blows and will yield with difficulty only dust and small flying fragments

WEATHERING:	
— the physical and chemical disintegration and decomposition of rocks and minerals by natural processes such as oxidation, reduction, hydration, solution, carbonation, and freezing and thawing	
Deep	Moderate to complete mineral decomposition; extensive disintegration; deep and thorough discoloration; many fractures, all extensively coated or filled with oxides, carbonates and/or clay or silt.
Moderate	Slight change or partial decomposition of minerals; little disintegration; cementation little to unaffected. Moderate to occasionally intense discoloration. Moderately coated fractures.
Little	No megascopic decomposition of minerals; little or no effect on normal cementation. Slight and intermittent, or localized discoloration. Few stains on fracture surfaces.
Fresh	Unaffected by weathering agents. No discoloration or disintegration. Fractures usually less numerous than joints.

KEY TO ROCK DESCRIPTIONS

APPENDIX B

CPT Logs
(this study)

BERKELEY PLAZA
BERKELEY, CALIFORNIA

CPT: A3CPT2

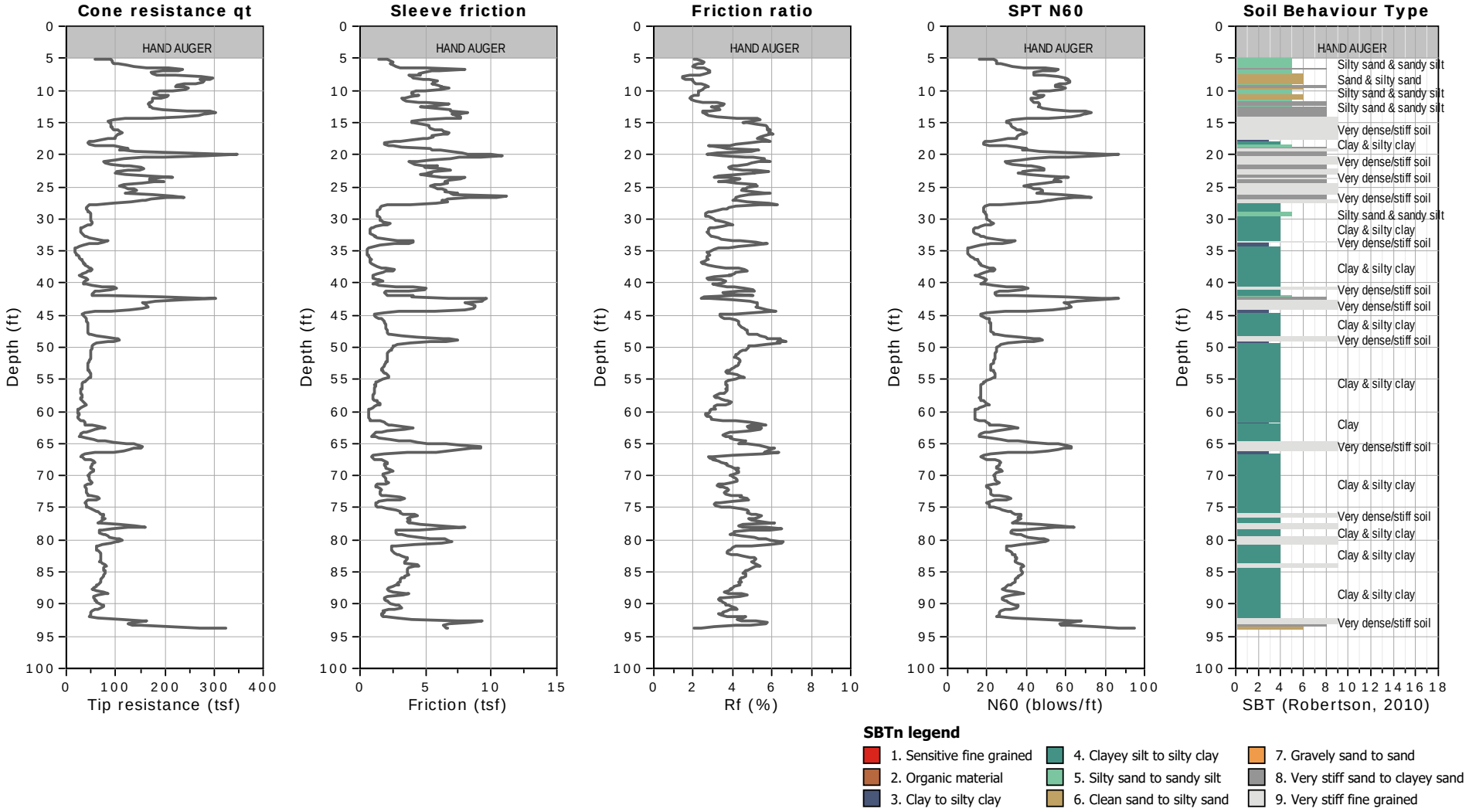
GREGG DRILLING, INC.
www.greggdrilling.com

CLIENT: A3GEO

FIELD REP: LAURA BUCHANAN

SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELY, CA

Total depth: 93.83 ft, Date: 6/12/2019

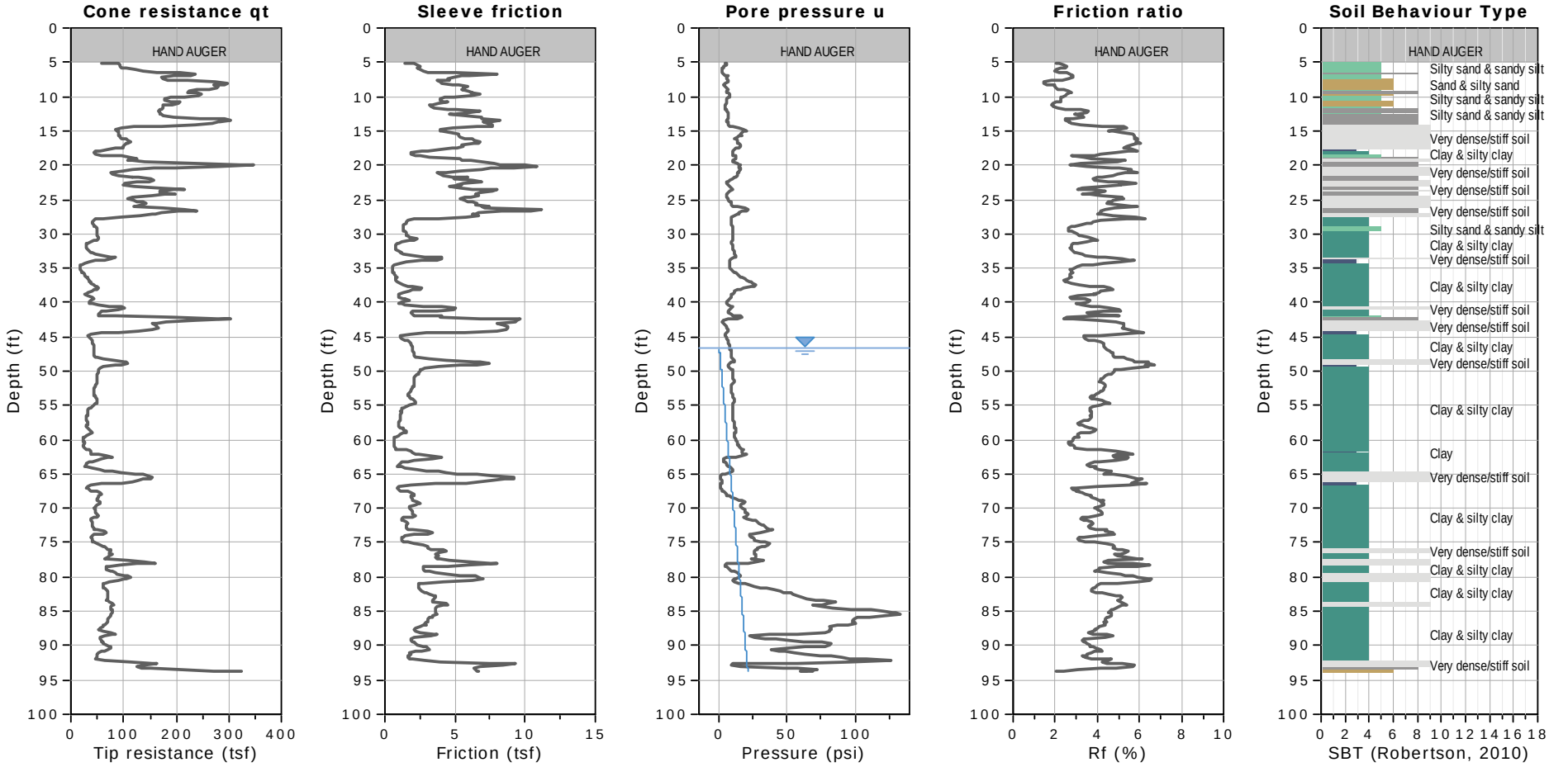


CPT: A3CPT2

GREGG DRILLING, INC.
www.greggdrilling.com

CLIENT: A3GEO
SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELY, CA

Field Rep: LAURA BUCHANAN
Total depth: 93.83 ft, Date: 6/12/2019



WATER TABLE FOR ESTIMATING PURPOSES ONLY

GREGG DRILLING, INC.
www.greggdrilling.com

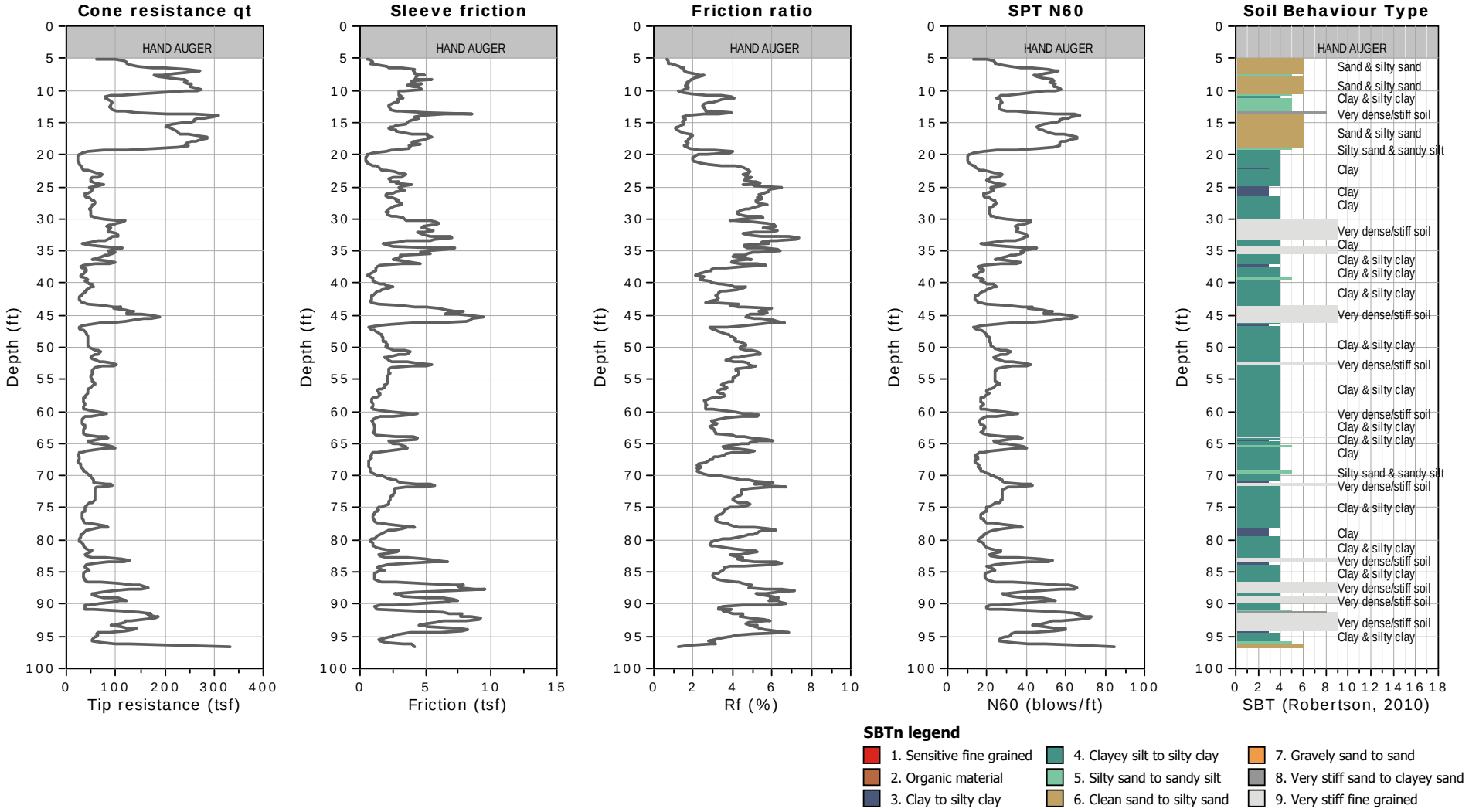
CPT: A3CPT3

CLIENT: A3GEO

FIELD REP: LAURA BUCHANAN

SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELY, CA

Total depth: 96.62 ft, Date: 6/12/2019

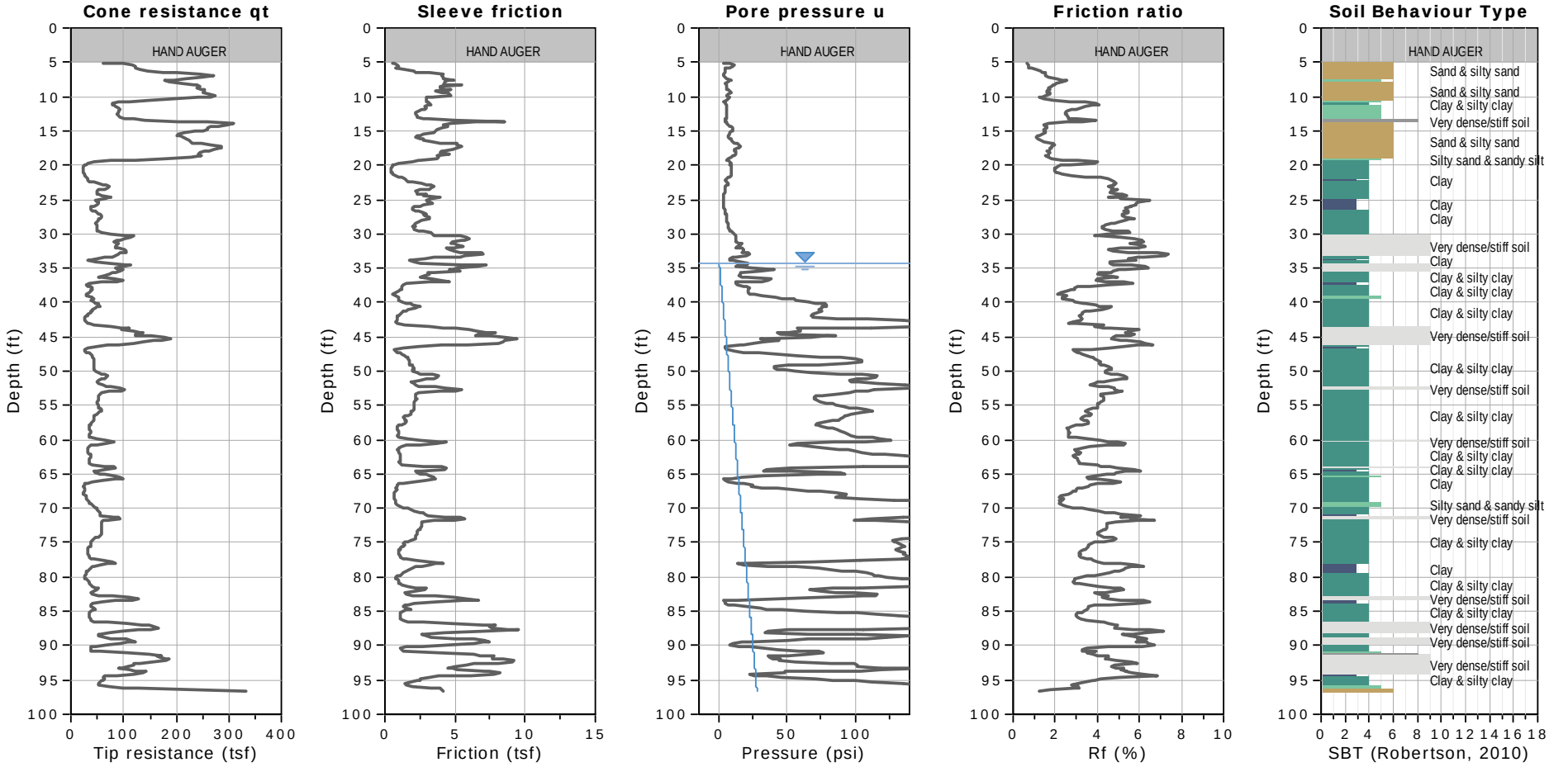


GREGG DRILLING, INC.
www.greggdrilling.com

CPT: A3CPT3

CLIENT: A3GEO
SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELY, CA

Field Rep: LAURA BUCHANAN
Total depth: 96.62 ft, Date: 6/12/2019



WATER TABLE FOR ESTIMATING PURPOSES ONLY

GREGG DRILLING, INC.
www.greggdrilling.com

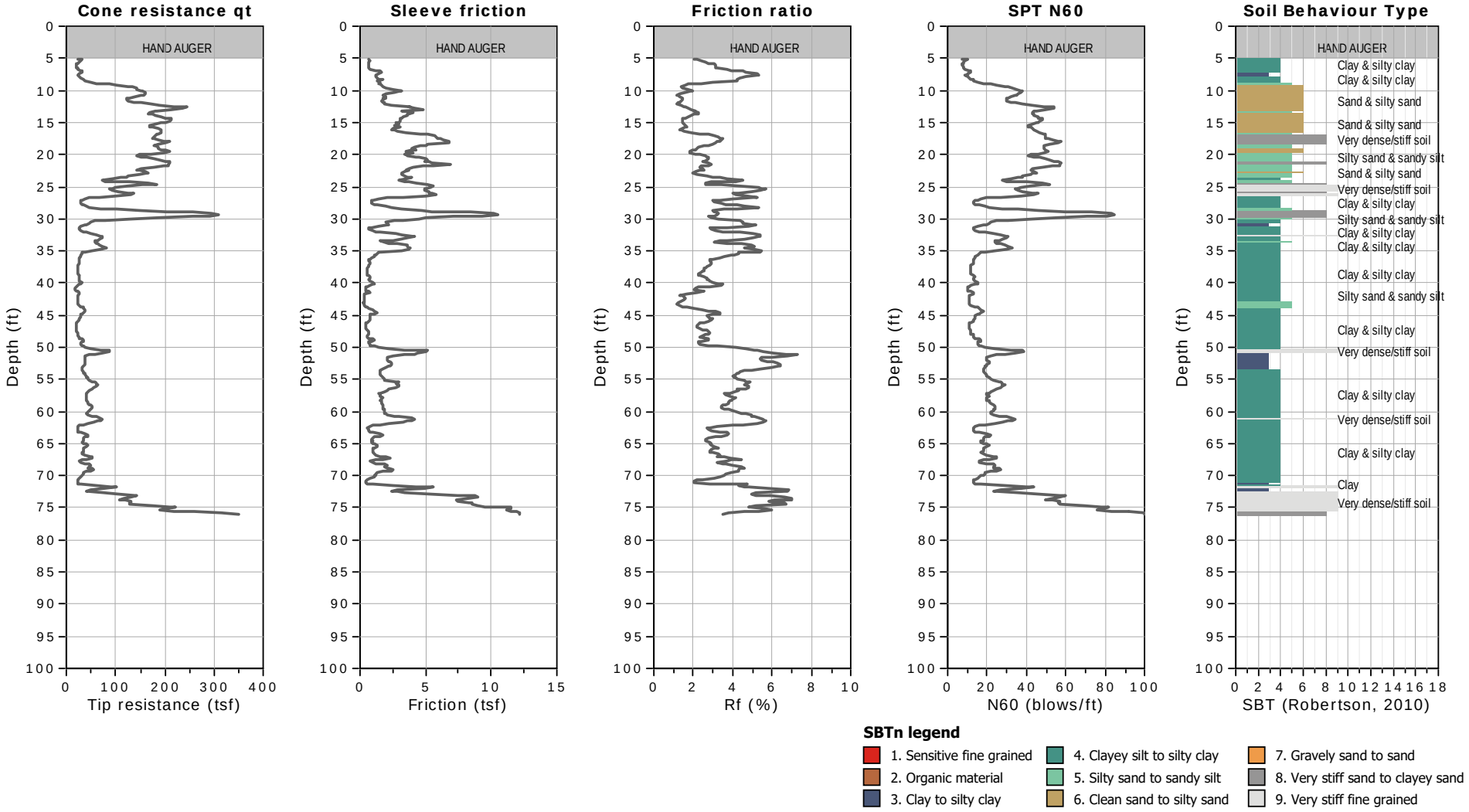
CPT: A3CPT4

CLIENT: A3GEO

FIELD REP: LAURA BUCHANAN

SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELY, CA

Total depth: 75.95 ft, Date: 6/12/2019



CPT: A3CPT4

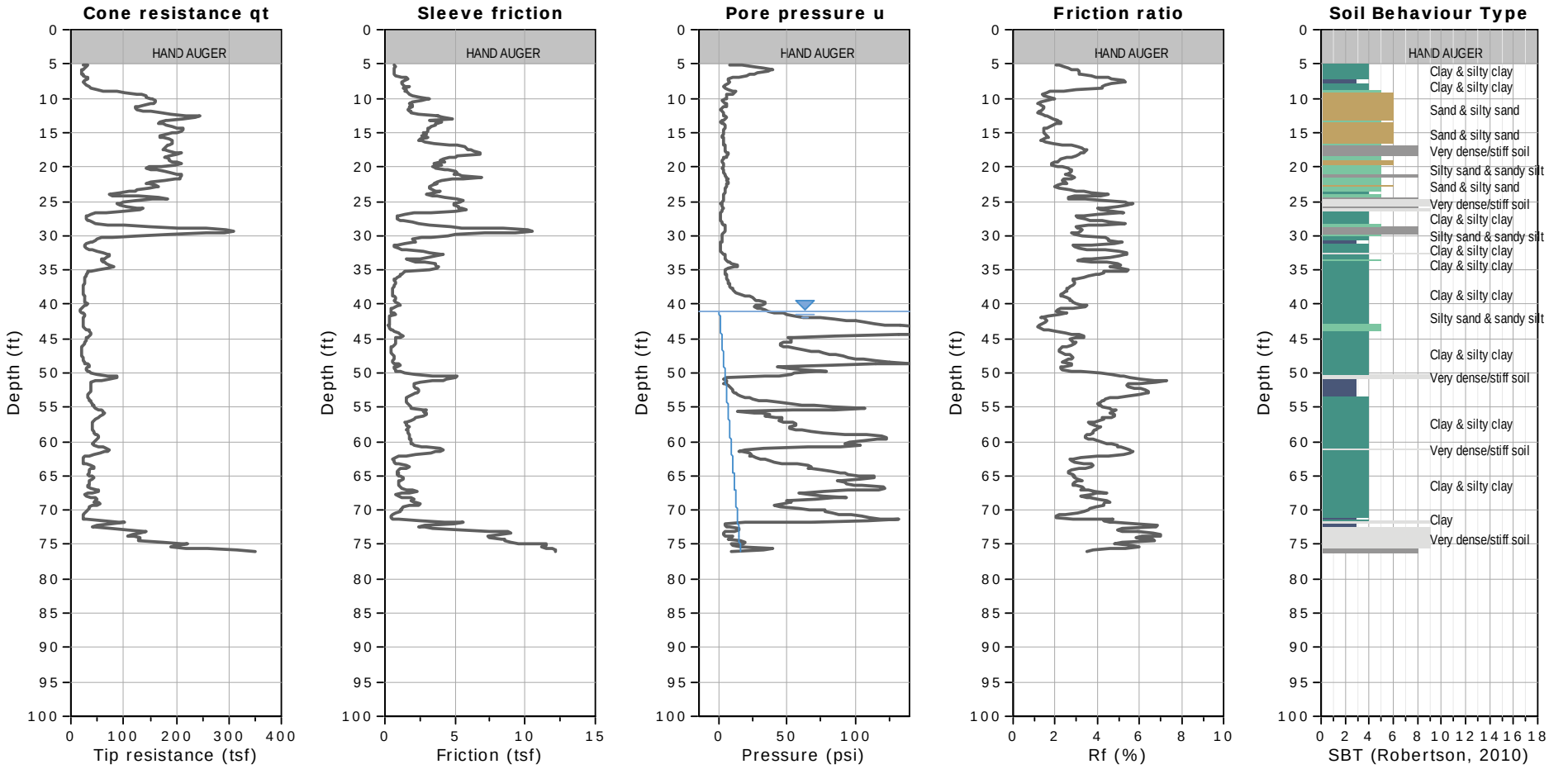
GREGG DRILLING, INC.
www.greggdrilling.com

CLIENT: A3GEO

SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELY, CA

Field Rep: LAURA BUCHANAN

Total depth: 75.95 ft, Date: 6/12/2019



WATER TABLE FOR ESTIMATING PURPOSES ONLY

GREGG DRILLING, INC.
www.greggdrilling.com

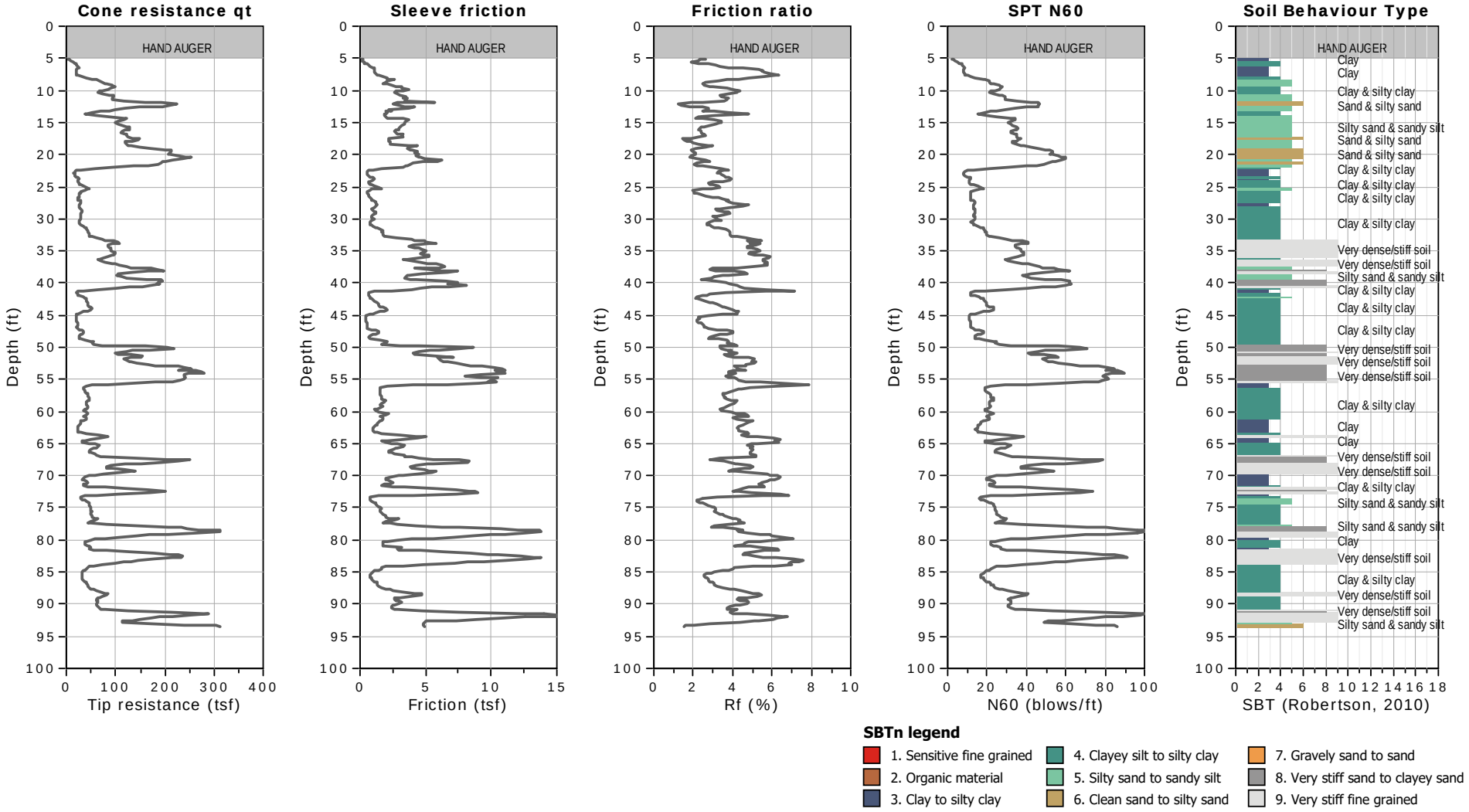
CPT: A3CPT5

CLIENT: A3GEO

SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELY, CA

FIELD REP: LAURA BUCHANAN

Total depth: 93.50 ft, Date: 6/12/2019

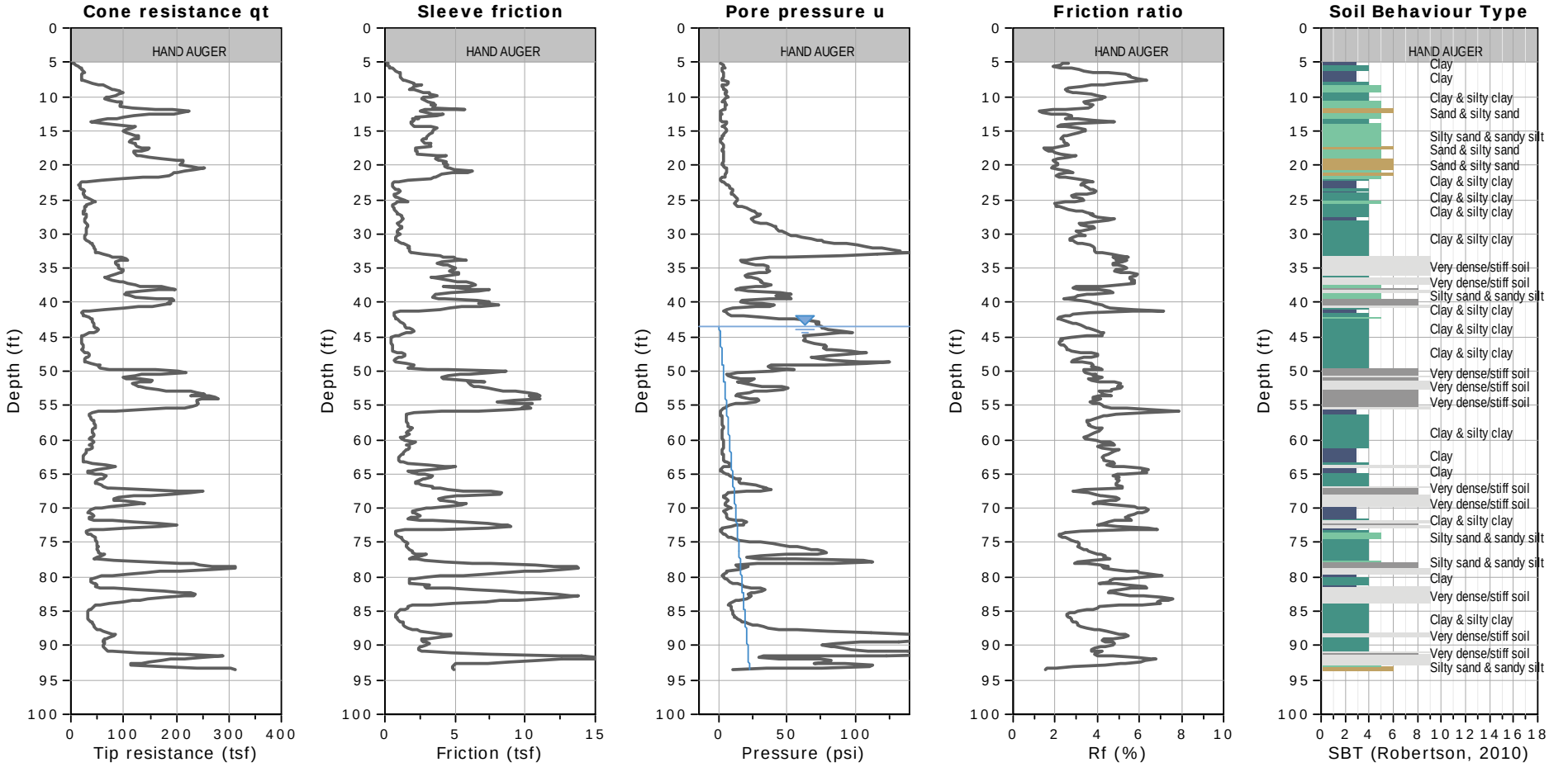


GREGG DRILLING, INC.
www.greggdrilling.com

CPT: A3CPT5

CLIENT: A3GEO
SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELY, CA

Field Rep: LAURA BUCHANAN
Total depth: 93.50 ft, Date: 6/12/2019



WATER TABLE FOR ESTIMATING PURPOSES ONLY

PORE PRESSURE DISSIPATION

Pore Pressure Dissipation Tests (PPDT

Pore Pressure Dissipation Tests (PPDT's) conducted at various intervals can be used to measure equilibrium water pressure (at the time of the CPT). If conditions are hydrostatic, the equilibrium water pressure can be used to determine the approximate depth of the ground water table. A PPDT is conducted when penetration is halted at specific intervals determined by the field representative. The variation of the penetration pore pressure (*u)* with time is measured behind the tip of the cone and recorded.

Pore pressure dissipation data can be interpreted to provide estimates of:

- Equilibrium piezometric pressure
- Phreatic Surface
- In-situ horizontal coefficient of consolidation (c_h)
- In-situ horizontal coefficient of permeability (k_h)

In order to correctly interpret the equilibrium piezometric pressure and/or the phreatic surface, the pore pressure must be monitored until it reaches equilibrium, *Figure PPDT*. This time is commonly referred to as t_{100}, the point at which 100% of the excess pore pressure has dissipated.

A complete reference on pore pressure dissipation tests is presented by Robertson et al. 1992 and Lunne et al. 1997.

A summary of the pore pressure dissipation tests is summarized in Table 1.

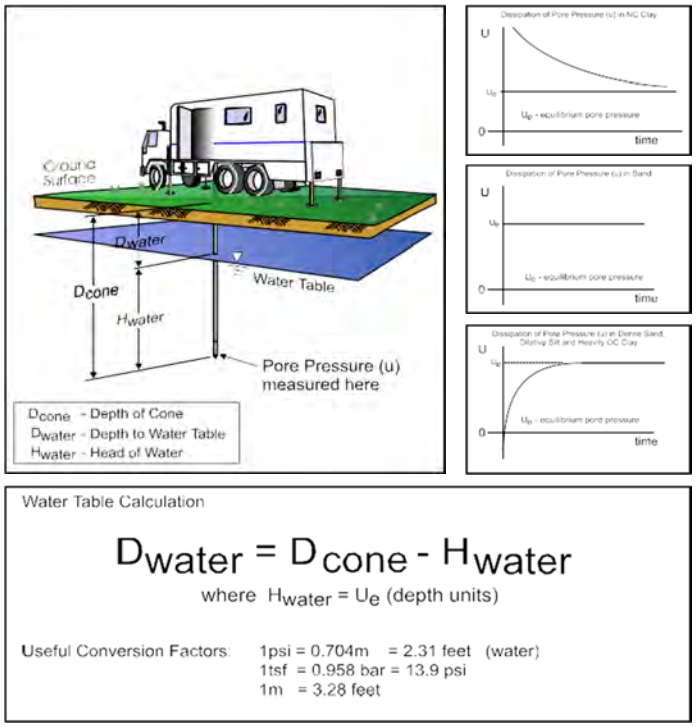
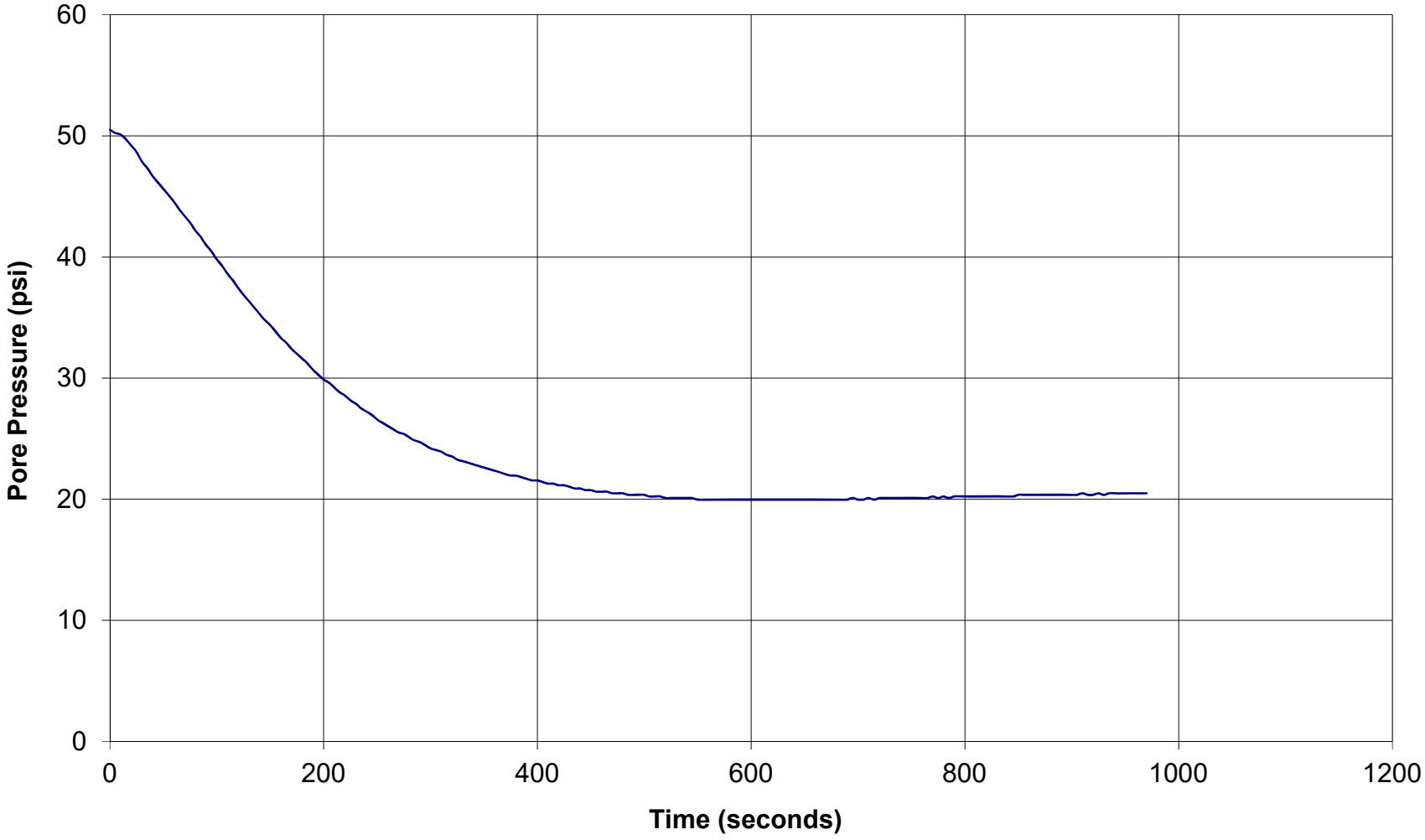


Figure PPDT

GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

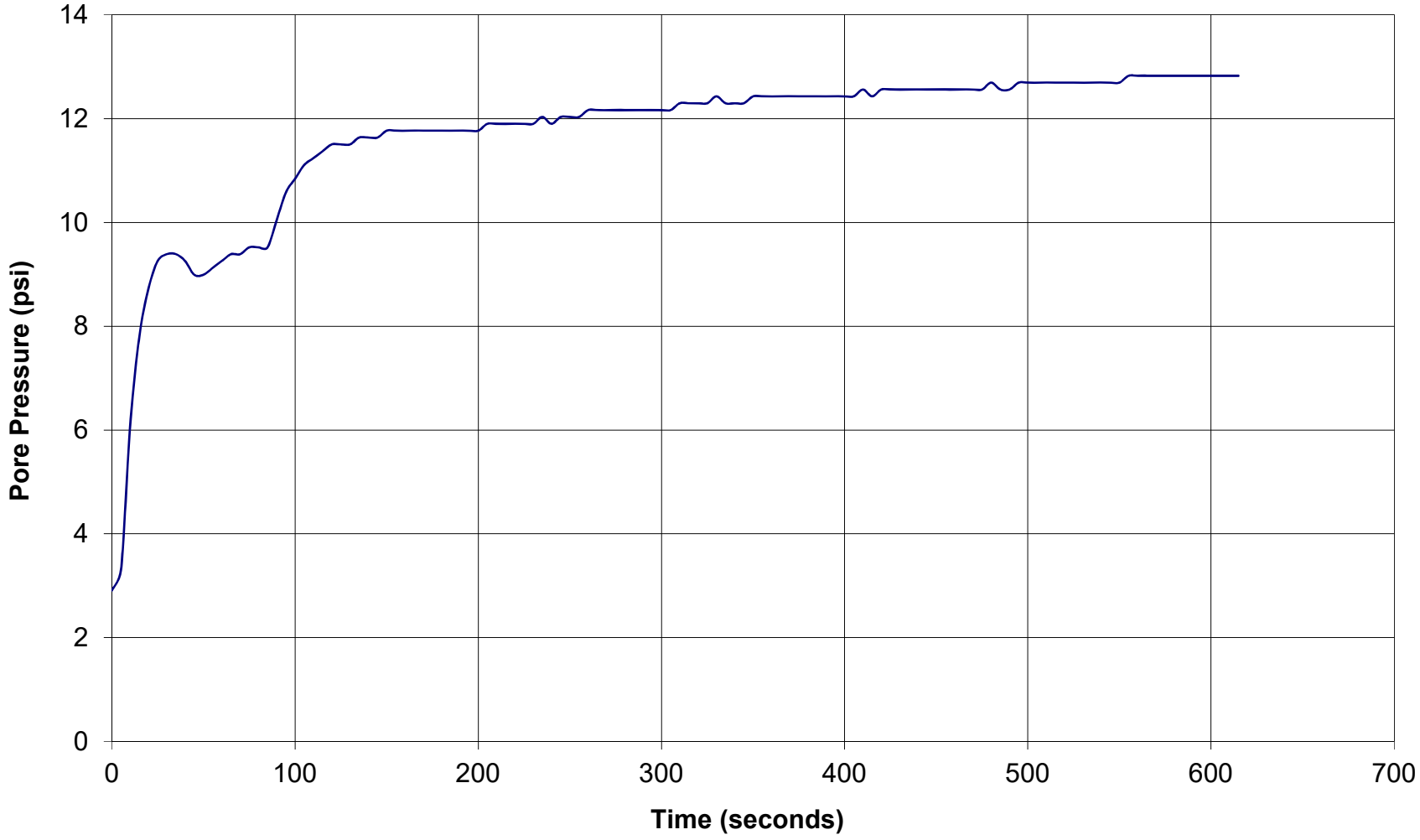
Sounding: A3CPT2
Depth: 93.831738
Site: BERKELEY PLZA
Engineer: LAURA



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

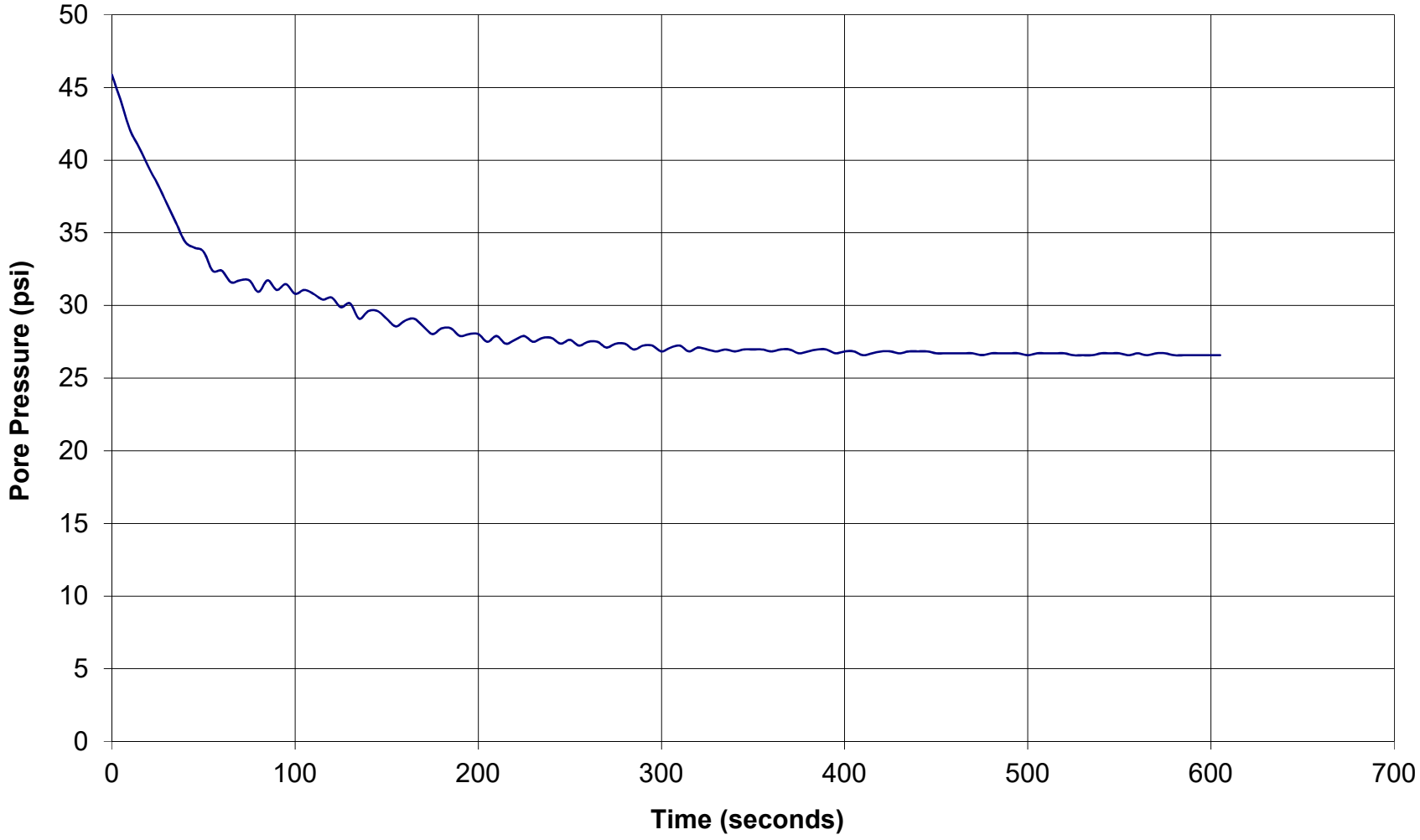
Sounding: A3CPT3
Depth: 64.1402265
Site: BERKELEY PLZA
Engineer: LAURA



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

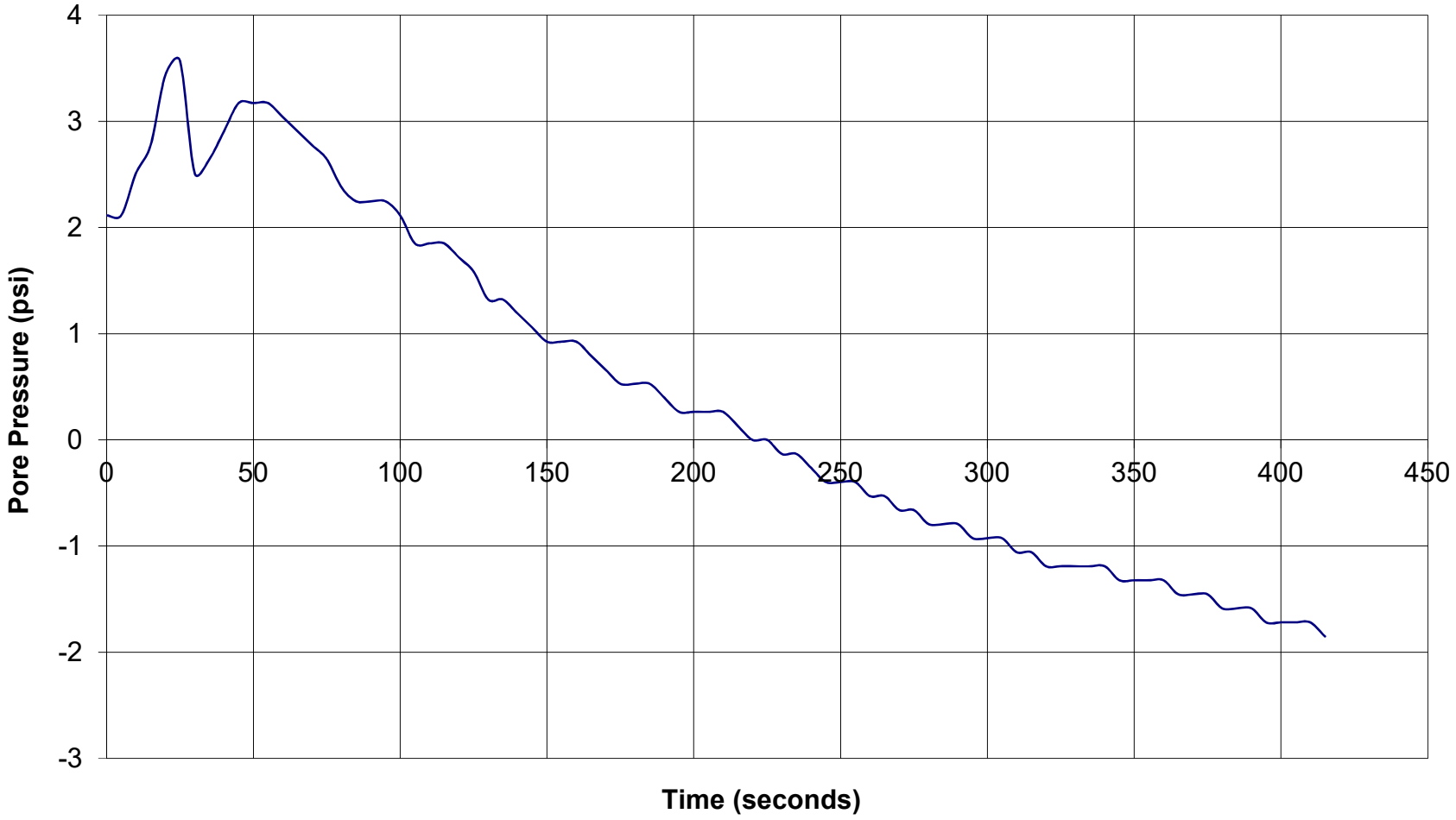
Sounding: A3CPT3
Depth: 96.6204435
Site: BERKELEY PLZA
Engineer: LAURA



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

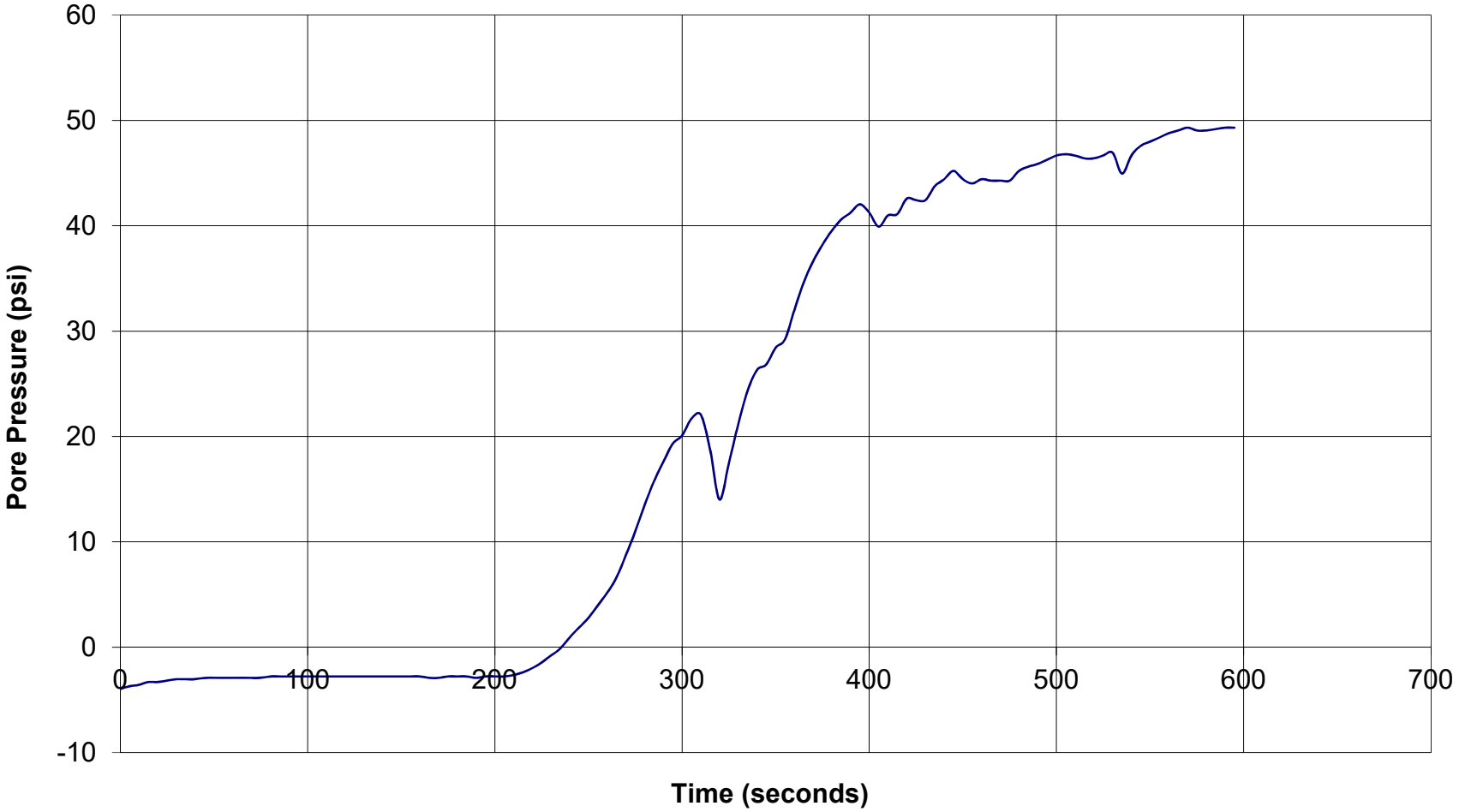
Sounding: A3CPT4
Depth: 23.293893
Site: BERKELEY PLZA
Engineer: LAURA



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

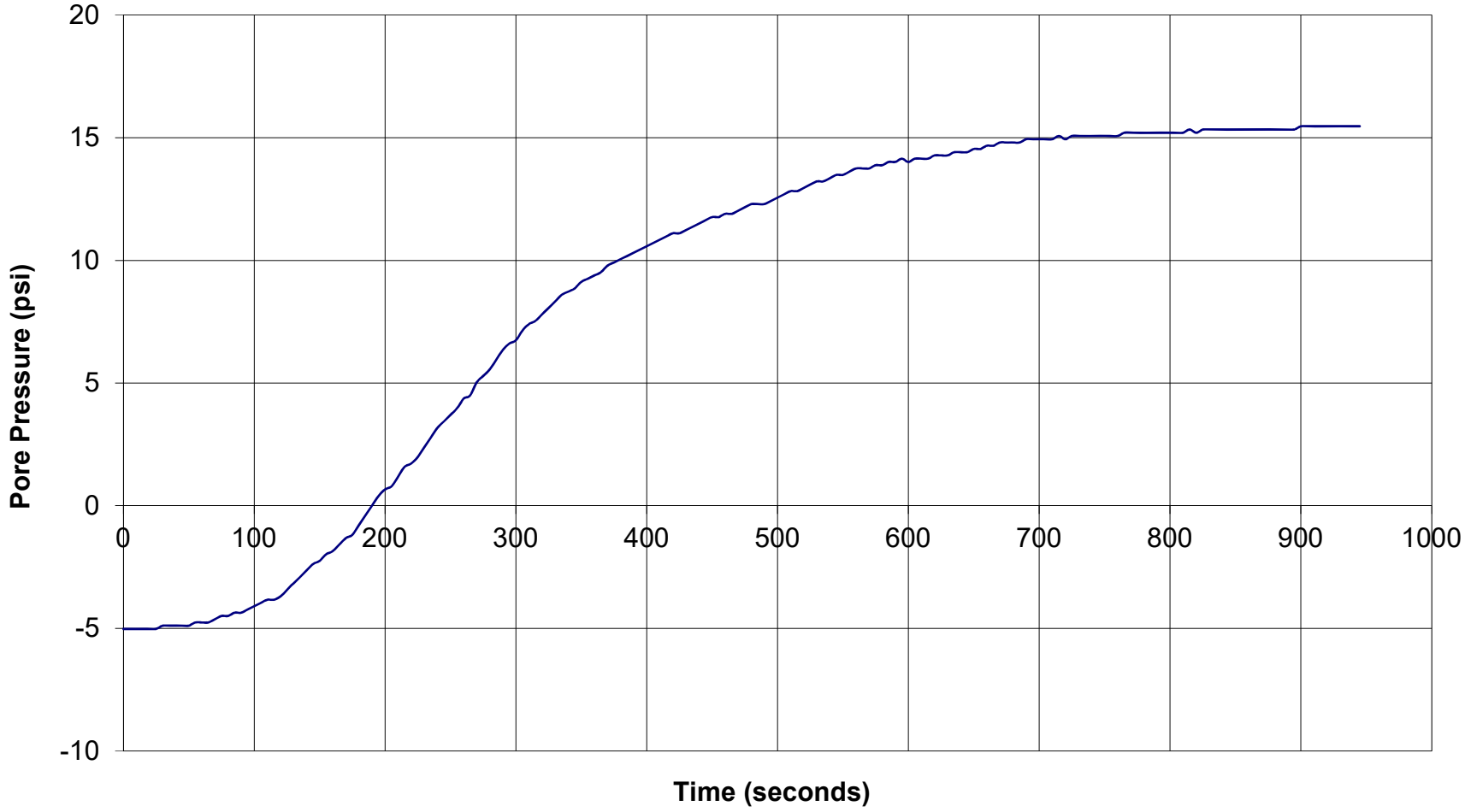
Sounding: A3CPT4
Depth: 50.852865
Site: BERKELEY PLZA
Engineer: LAURA



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

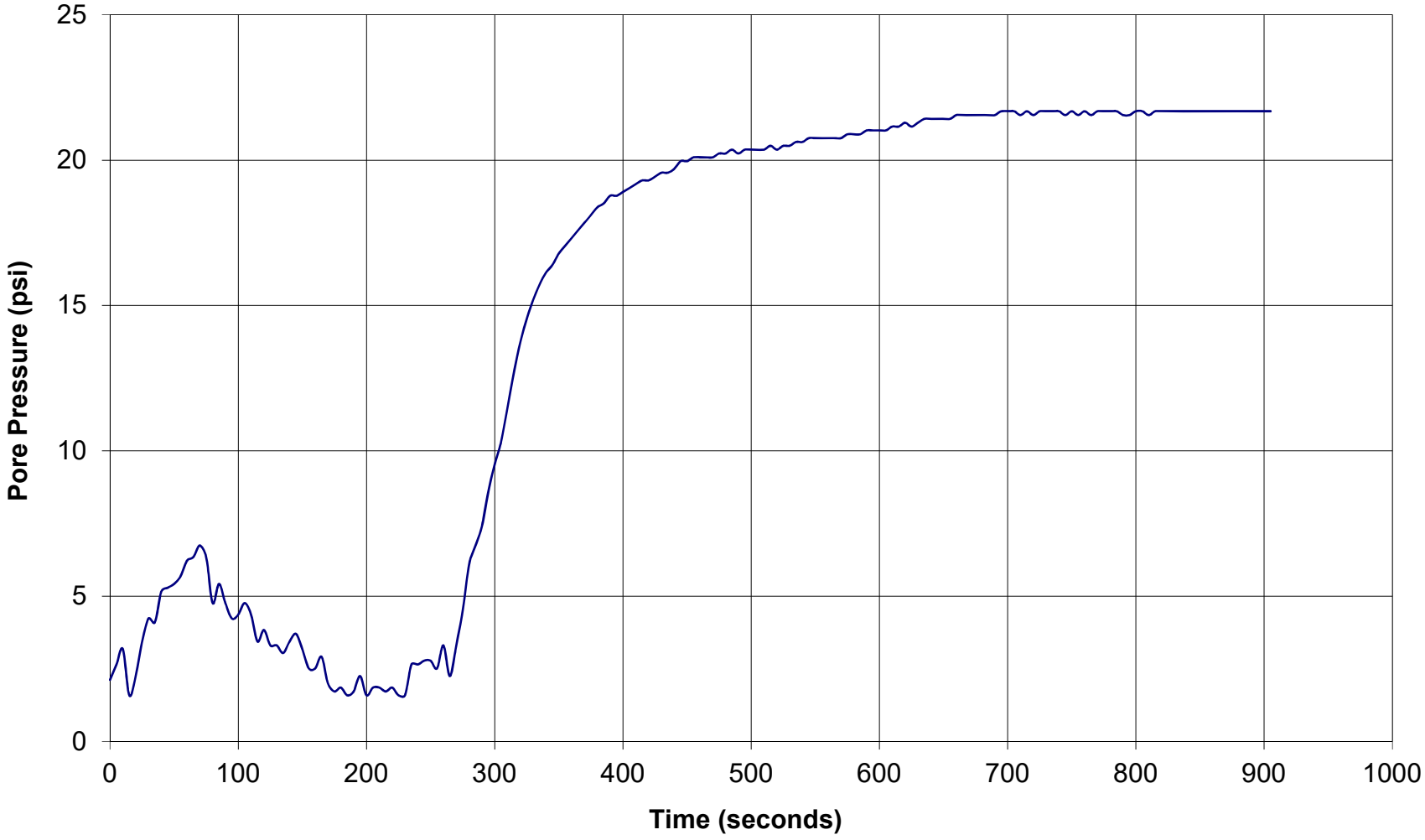
Sounding: A3CPT4
Depth: 75.9512145
Site: BERKELEY PLZA
Engineer: LAURA



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: A3CPT5
Depth: 93.503655
Site: BERKELEY PLZA
Engineer: LAURA



GREGG DRILLING, LLC.
GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATION SERVICES

6/13/19

A3Geo
Attn: Laura Buchanan

Subject: CPT Site Investigation
Berkeley Plaza – 2211 Harold Way
Berkeley, California
GREGG Project Number: D2190248MA

Dear Ms. Buchanan:

The following report presents the results of GREGG Drilling Cone Penetration Test investigation for the above referenced site. The following testing services were performed:

1	Cone Penetration Tests	(CPTU)	☒
2	Pore Pressure Dissipation Tests	(PPD)	☒
3	Seismic Cone Penetration Tests	(SCPTU)	☐
4	UVOST Laser Induced Fluorescence	(UVOST)	☐
5	Groundwater Sampling	(GWS)	☐
6	Soil Sampling	(SS)	☐
7	Vapor Sampling	(VS)	☐
8	Pressuremeter Testing	(PMT)	☐
9	Vane Shear Testing	(VST)	☐
10	Dilatometer Testing	(DMT)	☐

A list of reference papers providing additional background on the specific tests conducted is provided in the bibliography following the text of the report. If you would like a copy of any of these publications or should you have any questions or comments regarding the contents of this report, please do not hesitate to contact me at 714-863-0988.

Sincerely,
GREGG Drilling, LLC.

Frank Stolfi
HRSC Division Manager, Gregg Drilling, LLC.

GREGG DRILLING, LLC.
GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATION SERVICES

Cone Penetration Test Sounding Summary

-Table 1-

CPT Sounding Identification	Date	Termination Depth (feet)	Depth of Groundwater Samples (feet)	Depth of Soil Samples (feet)	Depth of Pore Pressure Dissipation Tests (feet)
A3CPT2	6/12/2019	93.83	-	-	93.8
A3CPT3	6/12/2019	96.62	-	-	64.1, 96.6
A3CPT4	6/12/2019	75.95	-	-	23.2, 50.8, 75.9
A3CPT5	6/12/2019	93.5	-	-	93.5

Bibliography

Lunne, T., Robertson, P.K. and Powell, J.J.M., "Cone Penetration Testing in Geotechnical Practice" E & FN Spon. ISBN 0 419 23750, 1997

Roberston, P.K., "Soil Classification using the Cone Penetration Test", Canadian Geotechnical Journal, Vol. 27, 1990 pp. 151-158.

Mayne, P.W., "NHI (2002) Manual on Subsurface Investigations: Geotechnical Site Characterization", available through www.ce.gatech.edu/~geosys/Faculty/Mayne/papers/index.html, Section 5.3, pp. 107-112.

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Robertson, P.K., T. Lunne and J.J.M. Powell, "Geo-Environmental Application of Penetration Testing", Geotechnical Site Characterization, Robertson & Mayne (editors), 1998 Balkema, Rotterdam, ISBN 90 5410 939 4 pp 35-47.

Campanella, R.G. and I. Weemees, "Development and Use of An Electrical Resistivity Cone for Groundwater Contamination Studies", Canadian Geotechnical Journal, Vol. 27 No. 5, 1990 pp. 557-567.

DeGroot, D.J. and A.J. Lutenegger, "Reliability of Soil Gas Sampling and Characterization Techniques", International Site Characterization Conference - Atlanta, 1998.

Woeller, D.J., P.K. Robertson, T.J. Boyd and Dave Thomas, "Detection of Polyaromatic Hydrocarbon Contaminants Using the UVIF-CPT", 53rd Canadian Geotechnical Conference Montreal, QC October pp. 733-739, 2000.

Zemo, D.A., T.A. Delfino, J.D. Gallinatti, V.A. Baker and L.R. Hilpert, "Field Comparison of Analytical Results from Discrete-Depth Groundwater Samplers" BAT EnviroProbe and QED HydroPunch, Sixth national Outdoor Action Conference, Las Vegas, Nevada Proceedings, 1992, pp 299-312.

Copies of ASTM Standards are available through www.astm.org

Cone Penetration Testing Procedure (CPT)

Gregg Drilling carries out all Cone Penetration Tests (CPT) using an integrated electronic cone system, *Figure CPT*.

The cone takes measurements of tip resistance (q_c), sleeve resistance (f_s), and penetration pore water pressure (u_2). Measurements are taken at either 2.5 or 5 cm intervals during penetration to provide a nearly continuous profile. CPT data reduction and basic interpretation is performed in real time facilitating on-site decision making. The CPT parameters are stored electronically for further analysis and reference. All CPT soundings are performed in accordance with revised ASTM standards (D 5778-12).

The 5mm thick porous plastic filter element is located directly behind the cone tip in the u_2 location. A new saturated filter element is used on each sounding to measure both penetration pore pressures as well as measurements during a dissipation test (*PPDT*). Prior to each test, the filter element is fully saturated with oil under vacuum pressure to improve accuracy.

When the sounding is completed, the test hole is backfilled according to client specifications. If grouting is used, the procedure generally consists of pushing a hollow tremie pipe with a "knock out" plug to the termination depth of the CPT hole. Grout is then pumped under pressure as the tremie pipe is pulled from the hole. Disruption or further contamination to the site is therefore minimized.

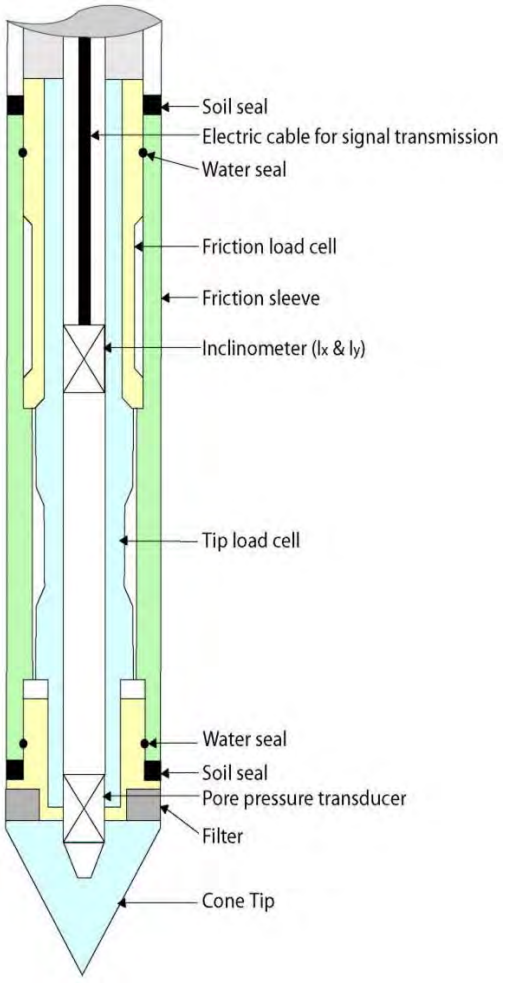

Figure CPT

Gregg 15cm^2 Standard Cone Specifications

Dimensions	
Cone base area	15 cm^2
Sleeve surface area	225 cm^2
Cone net area ratio	0.85
Specifications	
Cone load cell	
Full scale range	180 kN (20 tons)
Overload capacity	150%
Full scale tip stress	120 MPa (1,200 tsf)
Repeatability	120 kPa (1.2 tsf)
Sleeve load cell	
Full scale range	31 kN (3.5 tons)
Overload capacity	150%
Full scale sleeve stress	1,400 kPa (15 tsf)
Repeatability	1.4 kPa (0.015 tsf)
Pore pressure transducer	
Full scale range	7,000 kPa (1,000 psi)
Overload capacity	150%
Repeatability	7 kPa (1 psi)

Note: The repeatability on site will depend somewhat on ground conditions, abrasion, maintenance and zero load stability.

Cone Penetration Test Data & Interpretation

The Cone Penetration Test (CPT) data collected are presented in graphical and electronic form in the report. The plots include interpreted Soil Behavior Type (SBT) based on the charts described by Robertson (2009 & 2010). Typical plots display SBT based on the non-normalized charts of Robertson (2010). For CPT soundings deeper than 30m, we recommend the use of the normalized charts of Robertson (2009) which can be displayed as SBTn, upon request. The report can also include spreadsheet output of computer calculations of basic interpretation in terms of SBT and SBTn and various geotechnical parameters using current published correlations based on the comprehensive review by Lunne, Robertson and Powell (1997), as well as recent updates by Robertson and Cabal (Guide to Cone Penetration Testing, 2015). The interpretations are presented only as a guide for geotechnical use and should be carefully reviewed. Gregg Drilling does not warranty the correctness or the applicability of any of the geotechnical parameters interpreted by the software and does not assume any liability for use of the results in any design or review. The user should be fully aware of the techniques and limitations of any method used in the software. Some interpretation methods require input of the groundwater level to calculate vertical effective stress. An estimate of the in-situ groundwater level has been made based on field observations and/or CPT results, but should be verified by the user.

A summary of locations and depths is available in Table 1. Note that all penetration depths referenced in the data are with respect to the existing ground surface. Note that it is not always possible to clearly identify a soil type based solely on q_t, f_s, and u_2. In these situations, experience, judgment, and an assessment of the pore pressure dissipation data should be used to infer the correct soil behavior type.

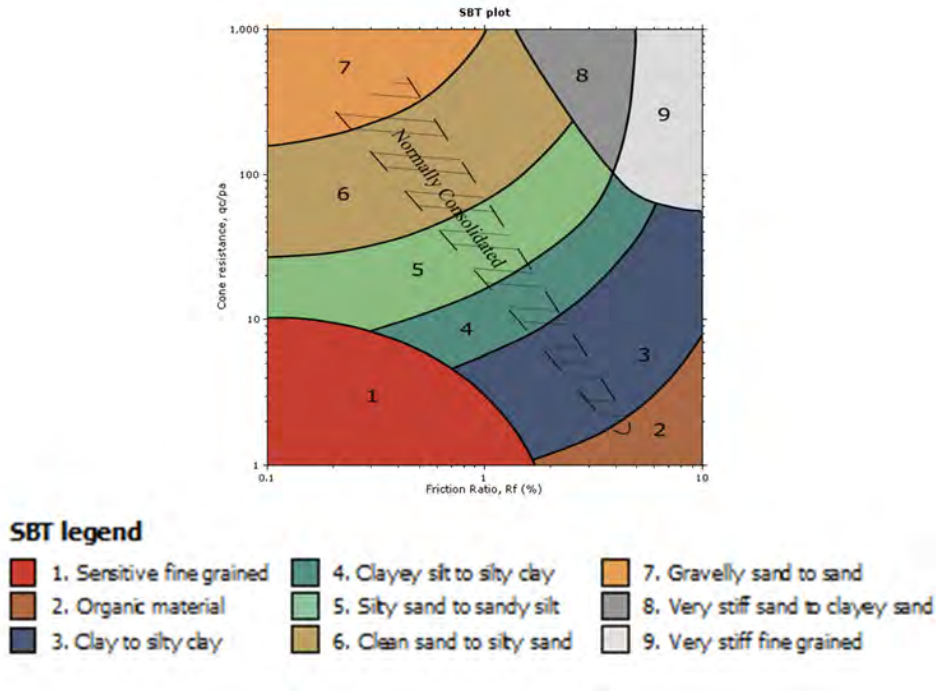

Figure SBT (After Robertson, 2010) – Note: Colors may vary slightly compared to plots

Cone Penetration Test (CPT) Interpretation

Gregg uses a commercial CPT interpretation and plotting software (CPeT-IT https://geologismiki.gr/products/cpet-it/). The software takes the CPT data and performs basic interpretation in terms of soil behavior type (SBT) and various geotechnical parameters using current published empirical correlations based on the comprehensive review by Lunne, Robertson and Powell (1997) and updated by Robertson and Cabal (2015). The interpretation is presented in tabular format. The interpretations are presented only as a guide for geotechnical use and should be carefully reviewed. Gregg does not warranty the correctness or the applicability of any of the geotechnical parameters interpreted by the software and does not assume any liability for any use of the results in any design or review. The user should be fully aware of the techniques and limitations of any method used in the software.

The following provides a summary of the methods used for the interpretation. Many of the empirical correlations to estimate geotechnical parameters have constants that have a range of values depending on soil type, geologic origin and other factors. The software uses 'default' values that have been selected to provide, in general, conservatively low estimates of the various geotechnical parameter.

Presented below is a list of formulas used for the estimation of various soil properties. The formulas are presented in SI unit system and assume that all components are expressed in the same units.

:: Unit Weight, g (kN/m³) ::

$$g = g_w \cdot \left(0.27 \cdot \log(R_f) + 0.36 \cdot \log\left(\frac{q_t}{p_a}\right) + 1.236\right)$$

where g_w = water unit weight

:: Permeability, k (m/s) ::

$I_c < 3.27$ and $I_c > 1.00$ then $k = 10^{0.952 - 3.04 I_c}$

$I_c \leq 4.00$ and $I_c > 3.27$ then $k = 10^{-4.52 - 1.37 I_c}$

:: N_{SPT} (blows per 30 cm) ::

$$N_{60} = \left(\frac{q_c}{p_a}\right) \cdot \frac{1}{10^{1.1268 - 0.2817 I_c}}$$

$$N_{1(60)} = Q_{tn} \cdot \frac{1}{10^{1.1268 - 0.2817 \cdot I_c}}$$

:: Young's Modulus, Es (MPa) ::

$(q_t - \sigma_v) \cdot 0.015 \cdot 10^{0.55 I_c + 1.68}$

(applicable only to $I_c < I_{c_cutoff}$)

:: Relative Density, Dr (%) ::

$100 \cdot \sqrt{\frac{Q_{tn}}{k_{DR}}}$ (applicable only to SBT_n: 5, 6, 7 and 8 or $I_c < I_{c_cutoff}$)

:: State Parameter, ψ ::

$\psi = 0.56 - 0.33 \cdot \log(Q_{tn,cs})$

:: Drained Friction Angle, φ (°) ::

$\varphi = \varphi'_{cv} + 15.94 \cdot \log(Q_{tn,cs}) - 26.88$

(applicable only to SBT_n: 5, 6, 7 and 8 or $I_c < I_{c_cutoff}$)

:: 1-D constrained modulus, M (MPa) ::

If $I_c > 2.20$
$\alpha = 14$ for $Q_{tn} > 14$
$\alpha = Q_{tn}$ for $Q_{tn} \leq 14$
$M_{CPT} = \alpha \cdot (q_t - \sigma_v)$

If $I_c \geq 2.20$

$M_{CPT} = 0.03 \cdot (q_t - \sigma_v) \cdot 10^{0.55 I_c + 1.68}$

:: Small strain shear Modulus, Go (MPa) ::

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

:: Shear Wave Velocity, Vs (m/s) ::

$$V_s = \left(\frac{G_0}{\rho}\right)^{0.50}$$

:: Undrained peak shear strength, Su (kPa) ::

$N_{kt} = 10.50 + 7 \cdot \log(F_r)$ or user defined

$$S_u = \frac{(q_t - \sigma_v)}{N_{kt}}$$

(applicable only to SBT_n: 1, 2, 3, 4 and 9 or $I_c > I_{c_cutoff}$)

:: Remolded undrained shear strength, Su(rem) (kPa) ::

$S_{u(rem)} = f_s$ (applicable only to SBT_n: 1, 2, 3, 4 and 9 or $I_c > I_{c_cutoff}$)

:: Overconsolidation Ratio, OCR ::

$$k_{OCR} = \left[\frac{Q_{tn}^{0.20}}{0.25 \cdot (10.50 + 7 \cdot \log(F_r))}\right]^{1.25}$$ or user defined

$OCR = k_{OCR} \cdot Q_{tn}$

(applicable only to SBT_n: 1, 2, 3, 4 and 9 or $I_c > I_{c_cutoff}$)

:: In situ Stress Ratio, Ko ::

$K_O = (1 - \sin\varphi') \cdot OCR^{\sin\varphi'}$

(applicable only to SBT_n: 1, 2, 3, 4 and 9 or $I_c > I_{c_cutoff}$)

:: Soil Sensitivity, S_t ::

$$S_t = \frac{N_S}{F_r}$$

(applicable only to SBT_n: 1, 2, 3, 4 and 9 or $I_c > I_{c_cutoff}$)

:: Peak Friction Angle, φ' (°) ::

$\varphi' = 29.5° \cdot B_q^{0.121} \cdot (0.256 + 0.336 \cdot B_q + \log Q_t)$

(applicable for $0.10 < B_q < 1.00$)

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ASTM D5778-12, 2012, Standard Test Method for Performing Electronic Friction Cone and Piezocone Penetration Testing of Soils. ASTM West Conshohocken, USA

Lunne, T., Robertson, P.K. and Powell, J.J.M., 1997. Cone Penetration Testing in Geotechnical Practice.

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APPENDIX C

Geotechnical Laboratory Test Data
(A3GEO, 2019)

BERKELEY PLAZA
BERKELEY, CALIFORNIA

B. HILLEBRANDT SOILS TESTING, INC.

29 Sugarloaf Terrace, Alamo, CA 94507 - Tel: (510) 409-2916 - Fax: (925) 891-9267 - Email: soiltesting@aol.com

LAB RESULTS SUMMARY FORM

Project Number: 1114-10A **Project Name:** Berkeley Plaza **Results Due By:**
Requested By: DB **Request Date:** 6/20/19 **Throw Samples Out On:**

Boring #	Sample Depth (feet)	Dry Density (pcf)	Moisture Content (%)	TxUU Shear Strength (psi)	Atterberg			-200			Compaction		Pocket Penetrometer (tsf)	Torvane (tsf)	Remarks
					Liquid Limit	Plastic Limit	Plasicity Index	Passing #4 Sieve (%)	Passing #40 sieve (%)	Passing #200 sieve (%)	Maximum Dry Density (pcf)	Optimum Moisture (%)			
B-1	11.0	127	13.1					64	22	19					
B-1	21.0							99	91	79					
B-1	31.0	100	23.9		38	22	16	99	91	71					
B-1	41.0							85	58	36					
B-1	50.5	102	21.4		47	18	29	100	92	80					
B-1	56.0	100	26.3	17.25											
B-1	61.0							83	55	32					
B-1	76.0							89	67	45					
B-1	85.5	112	19.3	34.06	33	18	15	94	78	56					
B-1	111.0							86	49	25					
B-2	6.0	108	17.6					82	50	31					
B-2	16.0							79	38	18					
B-2	26.0				27	18	9	95	88	76					
B-2	35.5	99	26.5	19.17	40	23	17	99	93	82					
B-2	50.5	118	15.6					70	43	23					
B-2	66.0							97	84	45					
B-2	81.0							90	76	58					
B-2	100.0							62	34	21					
B-2	106.0	113	18.5	17.36				96	85	65					
B-2	121.0							90	67	44					

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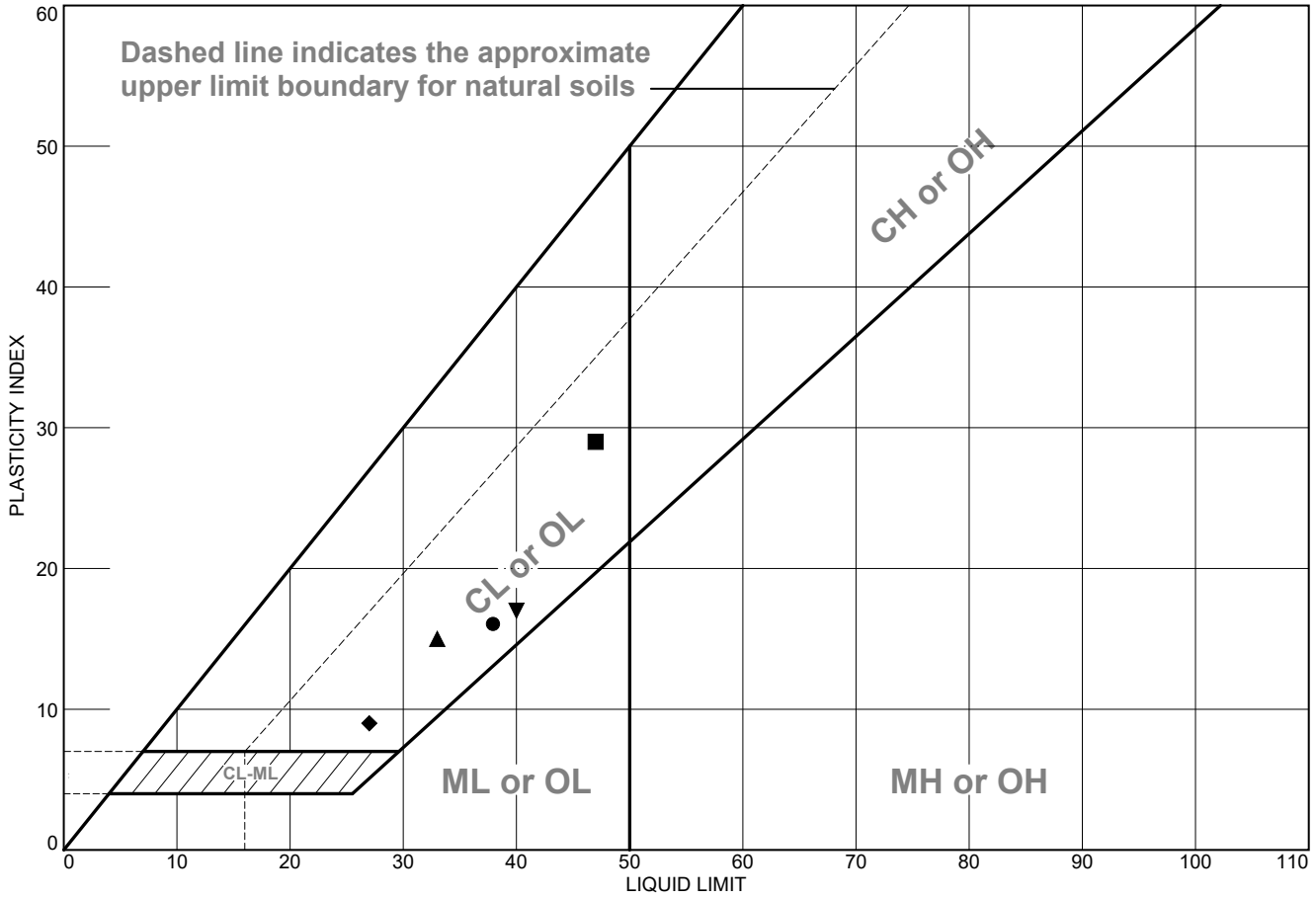
MOISTURE CONTENT/DRY DENSITY

Job #: 1114-10A
Job Name: Berkeley Plaza
Date: 6/20/19
Tested by: Brad Hillebrandt

Additional Tests:	FS	FS	FS			
Boring #:	B-1	B-2	B-2			
Depth:	11.0	6.0	50.5			
Sample Description:	Brown clayey SAND with gravel	Brown clayey SAND with gravel	Yellowish brown clayey SAND with gravel			
Can #:	B-36	202	B-8			
Wet Sample + can	906.7	806.9	843.5			
Dry Sample + can	834.0	726.7	766.5			
Weight can	279.4	270.7	274.3			
Weight water	72.7	80.2	77			
Weight Dry Sample	554.6	456	492.2			
WATER CONTENT (%)	**13.1%**	**17.6%**	**15.6%**			
Weight Sample + Liner	1064.5	1109.7	1198.2			
Weight Liner	254.4	273.7	251.5			
Sample Length	4.8	5.6	5.9			
Sample Diameter	2.39	2.39	2.39			
DRY DENSITY (pcf)	**126.7**	**107.8**	**117.8**			

LIQUID AND PLASTIC LIMITS TEST REPORT



	MATERIAL DESCRIPTION	LL	PL	PI	%<#40	%<#200	USCS
●	Yellowish brown lean CLAY with sand	38	22	16	91.0	71.0	CL
■	Brown lean CLAY with sand	47	18	29	92.0	80.0	CL
▲	Brownish yellow sandy lean CLAY	33	18	15	77.8	56.2	CL
◆	Yellowish brown lean CLAY with sand	27	18	9	88.2	75.9	CL
▼	Yellowish brown lean CLAY with sand	40	23	17	92.5	81.5	CL

Project No. 1114-10A **Client:** A3Geo

Project: Berkeley Plaza

●**Source of Sample:** B-1 **Depth:** 31.0 - 31.5'
■**Source of Sample:** B-1 **Depth:** 50.5 - 51.0'
▲**Source of Sample:** B-1 **Depth:** 85.5 - 86.0'
◆**Source of Sample:** B-2 **Depth:** 26.0 - 26.5'
▼**Source of Sample:** B-2 **Depth:** 35.5 - 36.0'

Remarks:

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+1 510-409-2816
SoilTesting@aol.com

Figure

Tested By: BH

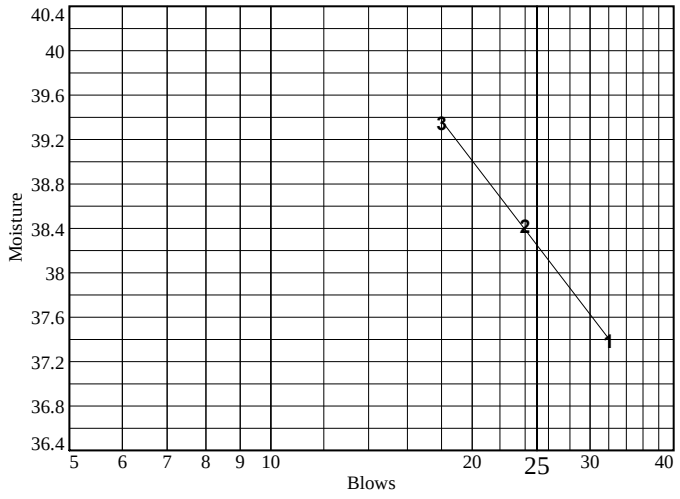
LIQUID AND PLASTIC LIMIT TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-1
Depth: 31.0 - 31.5'
Material Description: Yellowish brown lean CLAY with sand
%<#40: 91.0 **%<#200:** 71.0 **USCS:** CL **AASHTO:** A-6(10)
Tested by: BH

Liquid Limit Data

Run No.	1	2	3	4	5	6
Wet+Tare	29.83	28.74	32.45			
Dry+Tare	24.79	23.91	26.50			
Tare	11.31	11.34	11.38			
# Blows	32	24	18			
Moisture	37.4	38.4	39.4			



Liquid Limit= 38
Plastic Limit= 22
Plasticity Index= 16

Plastic Limit Data

Run No.	1	2	3	4	
Wet+Tare	18.44	17.56			
Dry+Tare	17.12	16.45			
Tare	11.22	11.17			
Moisture	22.4	21.0			

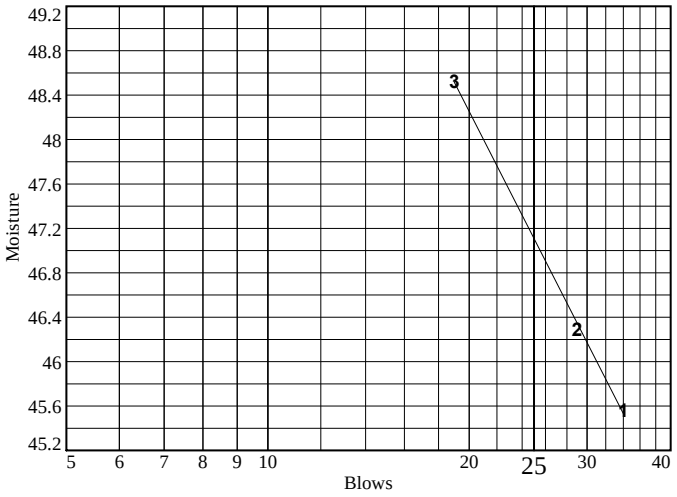
LIQUID AND PLASTIC LIMIT TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-1
Depth: 50.5 - 51.0'
Material Description: Brown lean CLAY with sand
%<#40: 92.0 **%<#200:** 80.0 **USCS:** CL **AASHTO:** A-7-6(23)
Tested by: BH

Liquid Limit Data

Run No.	1	2	3	4	5	6
Wet+Tare	30.71	28.62	28.77			
Dry+Tare	24.59	23.12	22.99			
Tare	11.16	11.24	11.08			
# Blows	34	29	19			
Moisture	45.6	46.3	48.5			



Liquid Limit= 47
Plastic Limit= 18
Plasticity Index= 29

Plastic Limit Data

Run No.	1	2	3	4	
Wet+Tare	17.33	16.94			
Dry+Tare	16.44	16.07			
Tare	11.38	11.32			
Moisture	17.6	18.3			

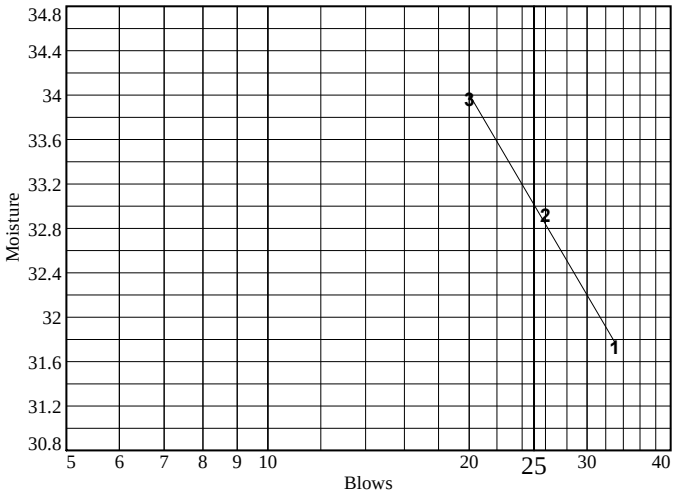
LIQUID AND PLASTIC LIMIT TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-1
Depth: 85.5 - 86.0'
Material Description: Brownish yellow sandy lean CLAY
%<#40: 77.8 **%<#200:** 56.2 **USCS:** CL **AASHTO:** A-6(6)
Tested by: BH

Liquid Limit Data

Run No.	1	2	3	4	5	6
Wet+Tare	28.88	31.99	33.06			
Dry+Tare	24.59	26.85	27.51			
Tare	11.07	11.24	11.17			
# Blows	33	26	20			
Moisture	31.7	32.9	34.0			



Liquid Limit= 33
Plastic Limit= 18
Plasticity Index= 15
Natural Moisture= 19.3
Liquidity Index= 0.1

Plastic Limit Data

Run No.	1	2	3	4	
Wet+Tare	17.94	17.10			
Dry+Tare	16.88	16.18			
Tare	11.29	11.05			
Moisture	19.0	17.9			

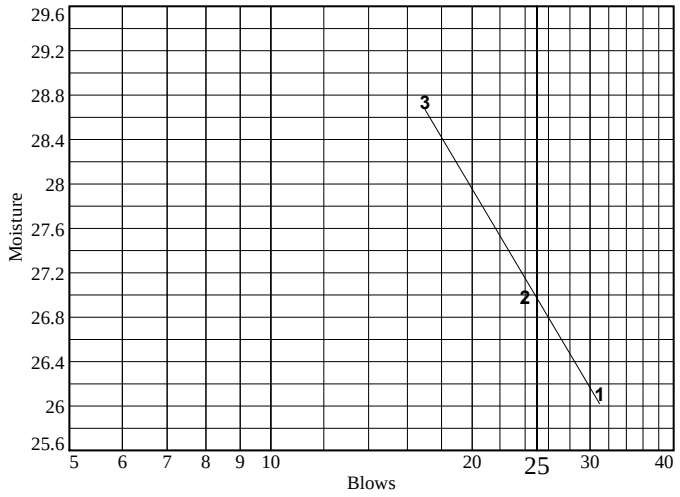
LIQUID AND PLASTIC LIMIT TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-2
Depth: 26.0 - 26.5'
Material Description: Yellowish brown lean CLAY with sand
%<#40: 88.2 **%<#200:** 75.9 **USCS:** CL **AASHTO:** A-4(5)
Tested by: BH

Liquid Limit Data

Run No.	1	2	3	4	5	6
Wet+Tare	28.40	31.06	26.63			
Dry+Tare	24.83	26.85	23.21			
Tare	11.16	11.25	11.31			
# Blows	31	24	17			
Moisture	26.1	27.0	28.7			



Liquid Limit= 27
Plastic Limit= 18
Plasticity Index= 9
Natural Moisture= 18.6
Liquidity Index= 0.1

Plastic Limit Data

Run No.	1	2	3	4	
Wet+Tare	19.56	17.93			
Dry+Tare	18.33	16.89			
Tare	11.13	11.10			
Moisture	17.1	18.0			

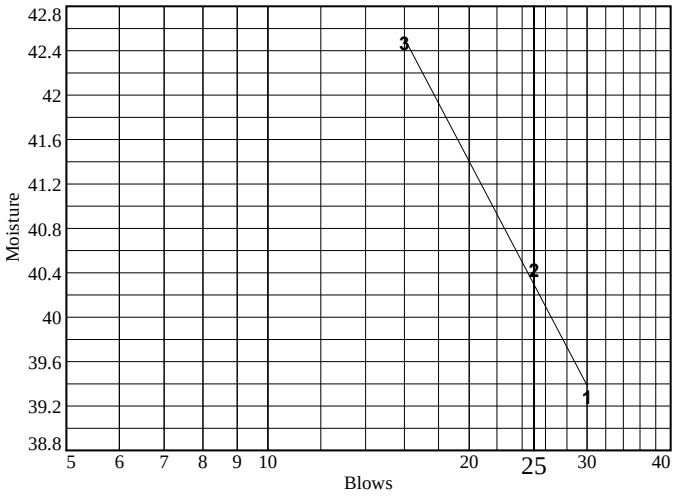
LIQUID AND PLASTIC LIMIT TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-2
Depth: 35.5 - 36.0'
Material Description: Yellowish brown lean CLAY with sand
%<#40: 92.5 **%<#200:** 81.5 **USCS:** CL **AASHTO:** A-6(14)
Tested by: BH

Liquid Limit Data

Run No.	1	2	3	4	5	6
Wet+Tare	26.06	28.72	30.08			
Dry+Tare	21.86	23.65	24.41			
Tare	11.17	11.11	11.06			
# Blows	30	25	16			
Moisture	39.3	40.4	42.5			

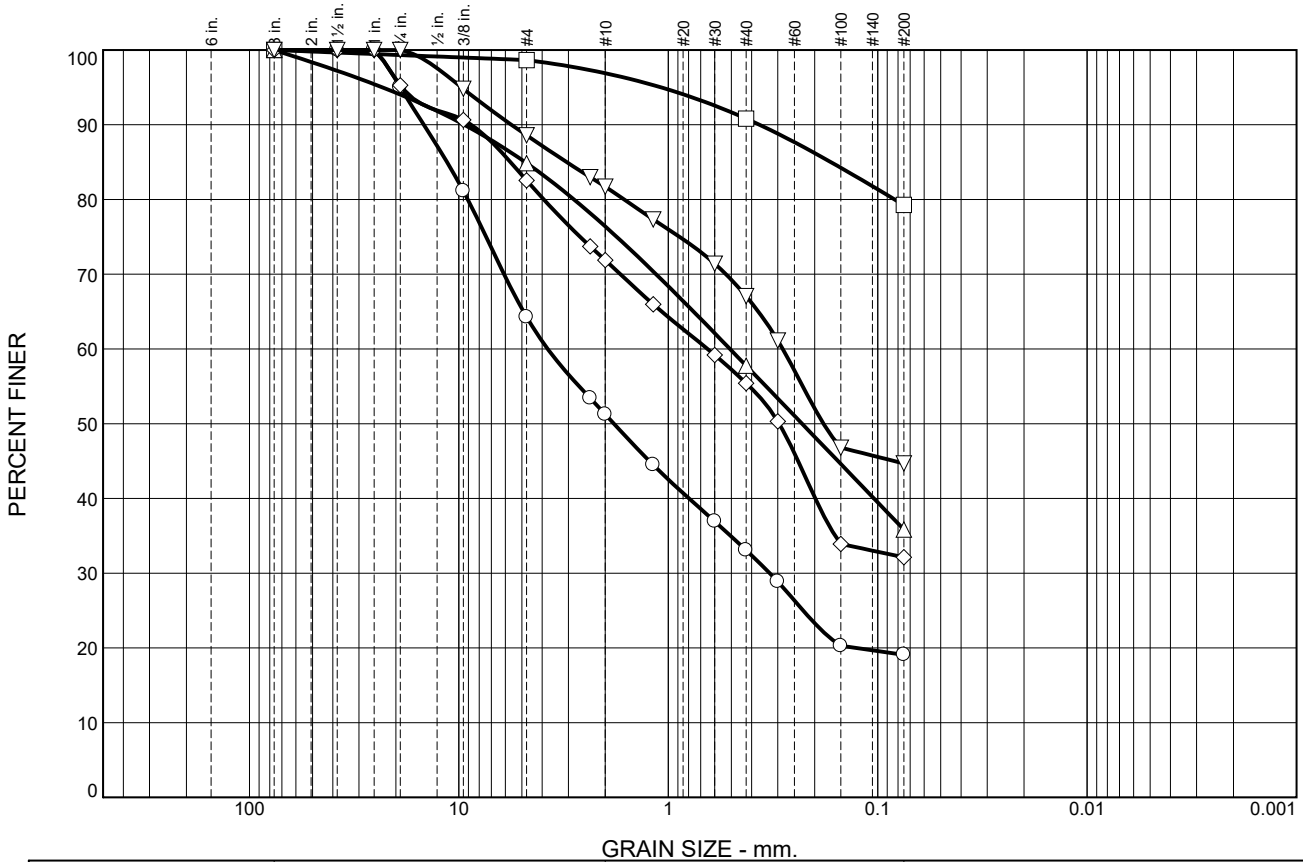


Liquid Limit= 40
Plastic Limit= 23
Plasticity Index= 17
Natural Moisture= 26.5
Liquidity Index= 0.2

Plastic Limit Data

Run No.	1	2	3	4	
Wet+Tare	17.57	17.65			
Dry+Tare	16.39	16.48			
Tare	11.18	11.25			
Moisture	22.6	22.4			

Particle Size Distribution Report



	% +3"	% Gravel	% Sand		% Fines	
			Coarse	Fine	Silt	Clay
○	0.0	48.7	18.2	14.0	19.1	
□	0.0	3.1	6.1	11.5	79.3	
△	0.0	23.6	18.6	22.0	35.8	
◇	0.0	28.1	16.5	23.3	32.1	
▽	0.0	18.3	14.6	22.4	44.7	

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	B-1		11.0 - 11.5'	Brown clayey SAND with gravel	SC
□	B-1		21.0 - 21.5'	Reddish brown CLAY with sand	CL
△	B-1		41.0 - 41.5'	Dark yellowish brown clayey SAND with gravel	SC
◇	B-1		61.0 - 61.5'	Yellowish brown clayey SAND with gravel	SC
▽	B-1		76.0 - 76.5'	Yellowish brown clayey SAND	SC

B. HILLEBRANDT SOILS TESTING, INC.
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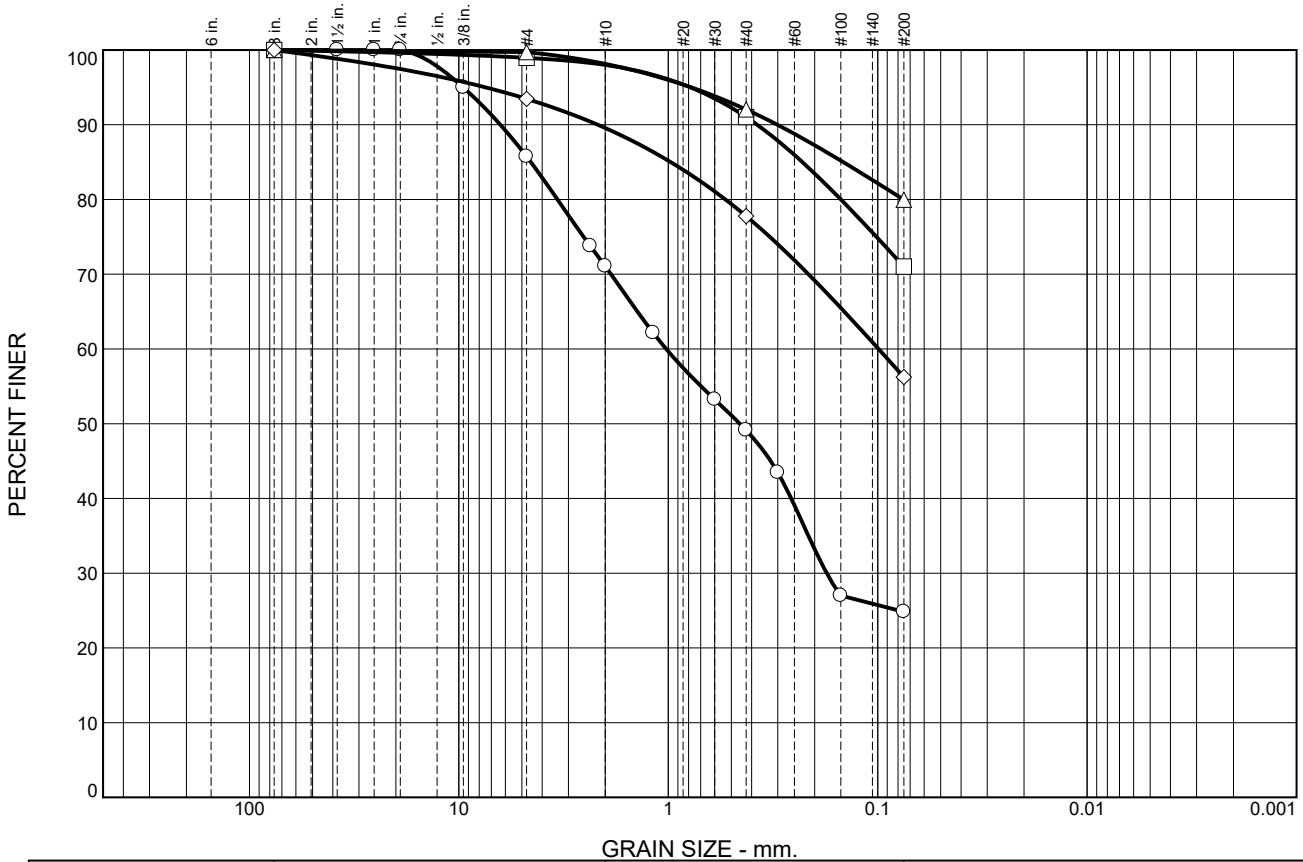
Client: A3Geo
Project: Berkeley Plaza
Project No.: 1114-10A **Figure**

Tested By: BH

Particle Size Distribution Report



	% +3"	% Gravel	% Sand		% Fines	
			Coarse	Fine	Silt	Clay
○	0.0	28.9	22.0	24.3	24.8	
□	0.0	2.0	7.0	20.0	71.0	
△	0.0	1.9	6.1	12.0	80.0	
◇	0.0	6.5	3.9	21.6	68.0	

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	B-1		111.0 -	Olive brown clayey SAND	SC
			111.5'		
□	B-1		31.0 - 31.5'	Yellowish brown lean CLAY with sand	CL
△	B-1		50.5 - 51.0'	Brown lean CLAY with sand	CL
◇	B-1		85.5 - 86.0'	Brownish yellow sandy lean CLAY	CL

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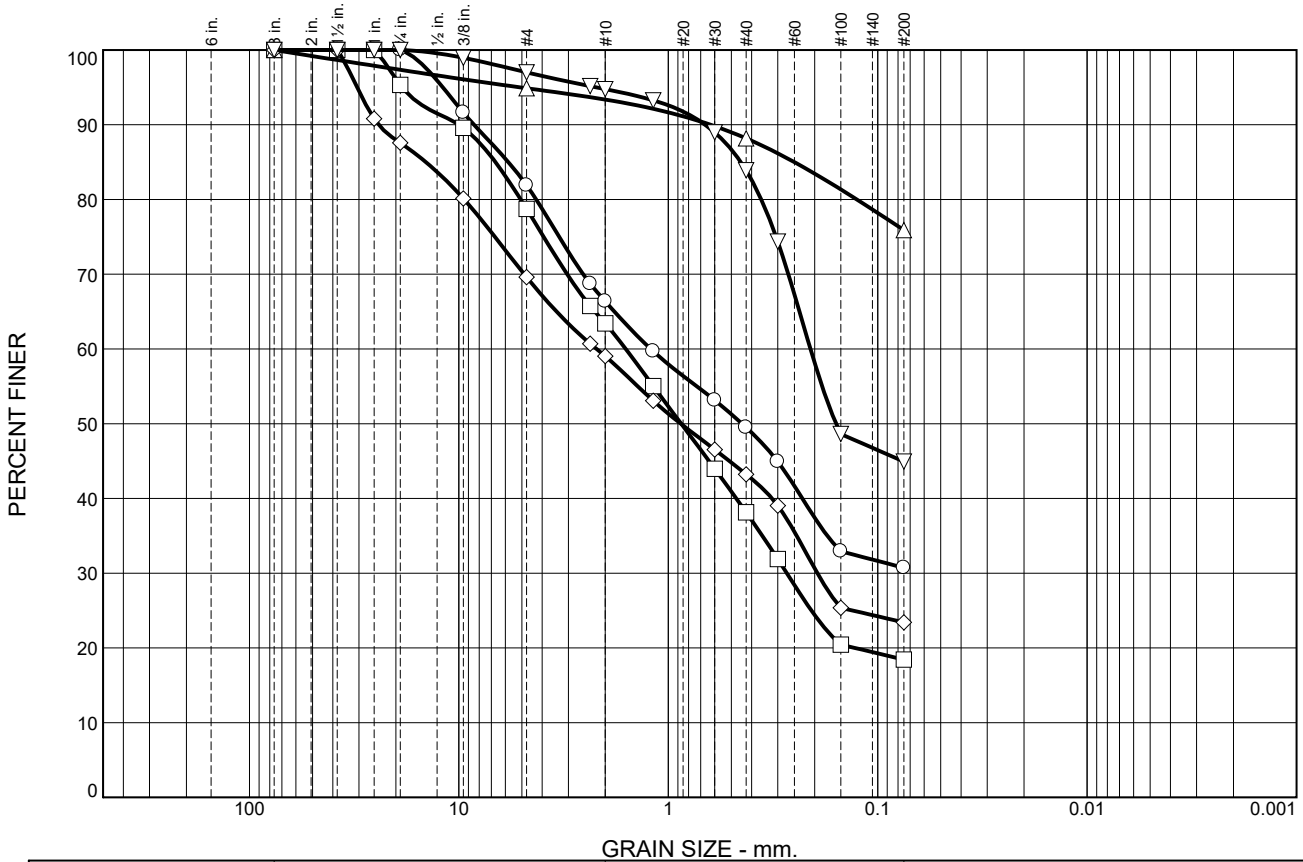
Client: A3Geo
Project: Berkeley Plaza
Project No.: 1114-10A **Figure**

Tested By: BH

Particle Size Distribution Report



	% +3"	% Gravel	% Sand		% Fines	
			Coarse	Fine	Silt	Clay
○	0.0	33.6	16.9	18.8	30.7	
□	0.0	36.6	25.3	19.7	18.4	
△	0.0	6.6	5.2	12.3	75.9	
◇	0.0	41.0	15.8	19.8	23.4	
▽	0.0	5.2	10.9	39.0	44.9	

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	B-2		6.0 - 6.5'	Brown clayey SAND with gravel	SC
□	B-2		16.0 - 16.5'	Brown clayey SAND with gravel	SC
△	B-2		26.0 - 26.5'	Yellowish brown lean CLAY with sand	CL
◇	B-2		50.5 - 51.0'	Yellowish brown clayey SAND with gravel	SC
▽	B-2		66.0 - 66.5'	Yellowish brown clayey SAND	SC

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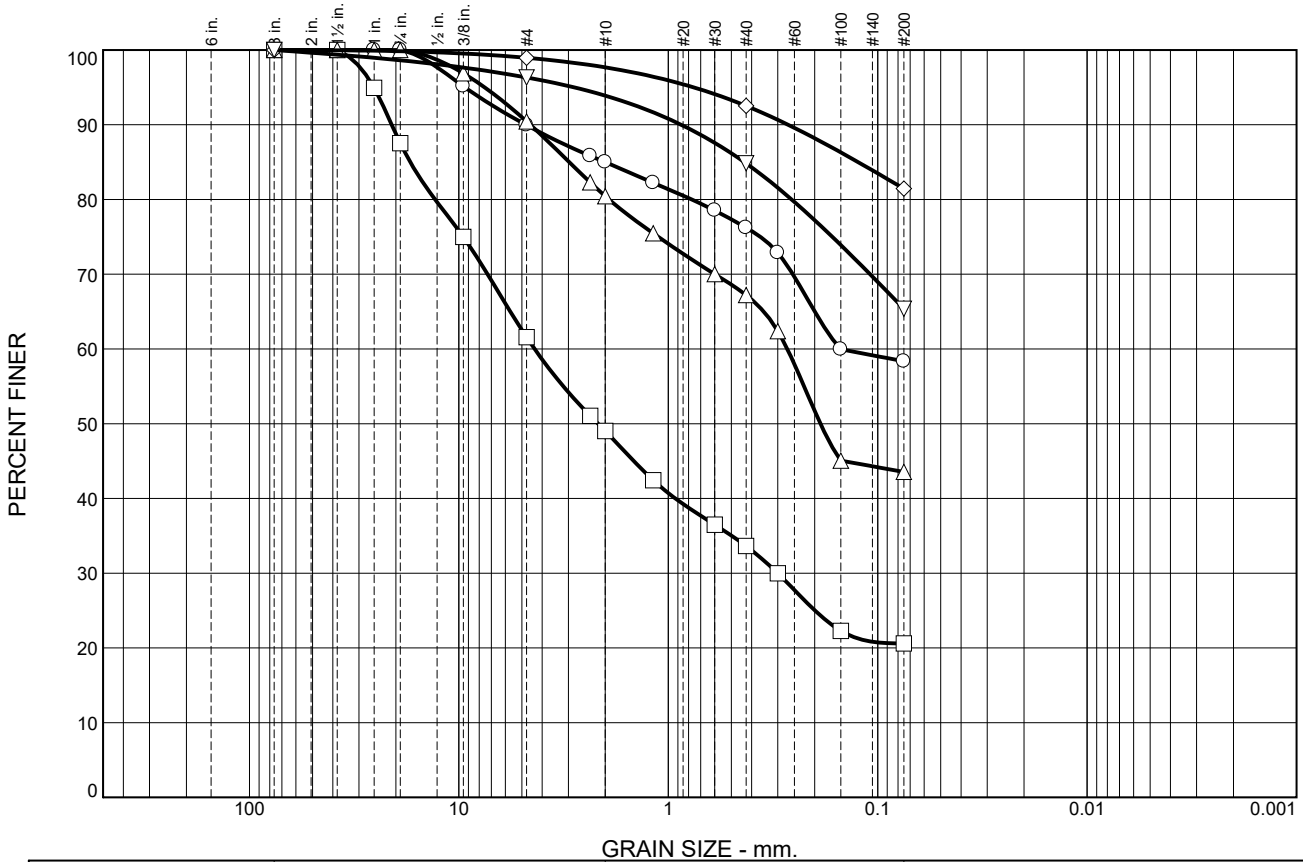
+1 510-409-2816
SoilTesting@aol.com

Client: A3Geo
Project: Berkeley Plaza
Project No.: 1114-10A **Figure**

Tested By: BH

Particle Size Distribution Report



	% +3"	% Gravel	% Sand		% Fines	
			Coarse	Fine	Silt	Clay
○	0.0	15.0	8.8	17.8	58.4	
□	0.0	51.0	15.4	13.0	20.6	
△	0.0	19.6	13.2	23.6	43.6	
◇	0.0	1.0	1.3	11.0	86.7	
▽	0.0	3.7	2.4	19.4	74.5	

SOIL DATA

SYMBOL	SOURCE	SAMPLE NO.	DEPTH (ft.)	Material Description	USCS
○	B-2		81.0 - 81.5'	Yellowish brown sandy CLAY	CL
□	B-2		100.0 -	Yellowish brown clayey SAND with gravel	SC
			100.5'		
△	B-2		121.0 -	Yellowish brown clayey SAND	SC
			121.5'		

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Client: A3Geo
Project: Berkeley Plaza
Project No.: 1114-10A **Figure**

Tested By: BH

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-1
Depth: 11.0 - 11.5'
Material Description: Brown clayey SAND with gravel
USCS: SC
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
834.00	279.40	0.00	3"	0.00	100.0
			1.5"	0.00	100.0
			1"	0.00	100.0
			3/4"	27.57	95.0
			3/8"	104.58	81.1
			#4	198.11	64.3
			#8	258.33	53.4
			#10	270.35	51.3
			#16	307.89	44.5
			#30	349.81	36.9
			#40	371.19	33.1
			#50	394.53	28.9
			#100	442.10	20.3
			#200	448.79	19.1

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	48.7	18.2	14.0	32.2			19.1

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
			0.1273	0.3278	0.7958	1.8183	3.7670	9.0694	11.3886	14.7083	19.0229

Fineness Modulus
3.76

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-1
Depth: 21.0 - 21.5'
Material Description: Reddish brown CLAY with sand
USCS: CL
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
212.50	33.20	0.00	3"	0.00	100.0
			#4	2.42	98.7
			#40	16.47	90.8
			#200	37.17	79.3

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	3.1	6.1	11.5	17.6			79.3

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
								0.0829	0.1673	0.3672	1.0832

Fineness Modulus
0.45

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-1
Depth: 41.0 - 41.5'
Material Description: Dark yellowish brown clayey SAND with gravel
USCS: SC
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
199.10	35.70	0.00	3"	0.00	100.0
			#4	24.73	84.9
			#40	69.01	57.8
			#200	104.84	35.8

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	23.6	18.6	22.0	40.6			35.8

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
					0.1042	0.2297	0.5075	2.8205	4.8258	9.4345	23.1628

Fineness Modulus
2.25

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-1
Depth: 61.0 - 61.5'
Material Description: Yellowish brown clayey SAND with gravel
USCS: SC
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
697.30	277.40	0.00	3"	0.00	100.0
			1.5"	0.00	100.0
			1"	0.00	100.0
			3/4"	19.83	95.3
			3/8"	39.28	90.6
			#4	73.26	82.6
			#8	110.34	73.7
			#10	118.06	71.9
			#16	142.87	66.0
			#30	171.35	59.2
			#40	187.18	55.4
			#50	208.64	50.3
			#100	277.52	33.9
			#200	284.97	32.1

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	28.1	16.5	23.3	39.8			32.1

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
					0.1986	0.2954	0.6496	3.9319	5.6697	8.7264	18.7056

Fineness Modulus
2.48

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-1
Depth: 76.0 - 76.5'
Material Description: Yellowish brown clayey SAND
USCS: SC
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
891.20	445.80	0.00	3"	0.00	100.0
			1.5"	0.00	100.0
			1"	0.00	100.0
			3/4"	0.00	100.0
			3/8"	23.11	94.8
			#4	50.83	88.6
			#8	75.75	83.0
			#10	81.46	81.7
			#16	100.96	77.3
			#30	127.32	71.4
			#40	146.70	67.1
			#50	173.11	61.1
			#100	236.97	46.8
			#200	246.38	44.7

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	18.3	14.6	22.4	37.0			44.7

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
						0.1815	0.2842	1.6231	3.0534	5.6122	9.7114

Fineness Modulus
1.77

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-1
Depth: 111.0 - 111.5'
Material Description: Olive brown clayey SAND
USCS: SC
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
694.00	274.20	0.00	3"	0.00	100.0
			1.5"	0.00	100.0
			1"	0.00	100.0
			3/4"	0.00	100.0
			3/8"	21.00	95.0
			#4	59.82	85.8
			#8	110.05	73.8
			#10	121.46	71.1
			#16	158.92	62.1
			#30	196.32	53.2
			#40	213.58	49.1
			#50	237.31	43.5
			#100	306.47	27.0
			#200	315.49	24.8

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	28.9	22.0	24.3	46.3			24.8

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
				0.1752	0.2589	0.4556	1.0229	3.3813	4.5336	6.3355	9.5271

Fineness Modulus
2.60

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-1
Depth: 31.0 - 31.5'
Material Description: Yellowish brown lean CLAY with sand
USCS: CL
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
161.18	33.07	0.00	3"	0.00	100.0
			#4	1.35	98.9
			#40	11.49	91.0
			#200	37.12	71.0

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	2.0	7.0	20.0	27.0			71.0

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
								0.1499	0.2288	0.3764	0.7843

Fineness Modulus
0.46

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-1
Depth: 50.5 - 51.0'
Material Description: Brown lean CLAY with sand
USCS: CL
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
72.31	32.71	0.00	3"	0.00	100.0
			#4	0.11	99.7
			#40	3.15	92.0
			#200	7.93	80.0

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	1.9	6.1	12.0	18.1			80.0

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
								0.0752	0.1460	0.3016	0.7769

Fineness Modulus
0.37

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-1
Depth: 85.5 - 86.0'
Material Description: Brownish yellow sandy lean CLAY
USCS: CL
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
258.95	32.24	0.00	3"	0.00	100.0
			#4	14.82	93.5
			#40	50.38	77.8
			#200	99.21	56.2

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	2.5	4.0	6.5	3.9	11.8	21.6	37.3			56.2

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
							0.0991	0.5336	0.9736	2.1736	7.4398

Fineness Modulus
1.17

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-2
Depth: 6.0 - 6.5'
Material Description: Brown clayey SAND with gravel
USCS: SC
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
726.70	270.70	0.00	3"	0.00	100.0
			1.5"	0.00	100.0
			1"	0.00	100.0
			3/4"	0.00	100.0
			3/8"	38.17	91.6
			#4	82.56	81.9
			#8	142.59	68.7
			#10	153.38	66.4
			#16	183.81	59.7
			#30	213.69	53.1
			#40	230.29	49.5
			#50	251.18	44.9
			#100	305.86	32.9
			#200	315.89	30.7

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	33.6	16.9	18.8	35.7			30.7

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
					0.2290	0.4445	1.2131	4.2752	5.8045	8.4656	11.9280

Fineness Modulus
2.67

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-2
Depth: 16.0 - 16.5'
Material Description: Brown clayey SAND with gravel
USCS: SC
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
776.70	226.90	0.00	3"	0.00	100.0
			1.5"	0.00	100.0
			1"	0.00	100.0
			3/4"	25.65	95.3
			3/8"	57.24	89.6
			#4	116.90	78.7
			#8	188.28	65.8
			#10	201.08	63.4
			#16	247.23	55.0
			#30	308.05	44.0
			#40	340.07	38.1
			#50	374.48	31.9
			#100	437.38	20.4
			#200	448.40	18.4

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	36.6	25.3	19.7	45.0			18.4

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
			0.1285	0.2716	0.4735	0.8677	1.5958	5.0677	6.6898	10.0010	18.6397

Fineness Modulus
3.19

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-2
Depth: 50.5 - 51.0'
Material Description: Yellowish brown clayey SAND with gravel
USCS: SC
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
766.50	274.30	0.00	3"	0.00	100.0
			1.5"	0.00	100.0
			1"	45.23	90.8
			3/4"	61.11	87.6
			3/8"	97.76	80.1
			#4	149.56	69.6
			#8	193.43	60.7
			#10	201.61	59.0
			#16	230.97	53.1
			#30	263.15	46.5
			#40	279.43	43.2
			#50	300.06	39.0
			#100	367.34	25.4
			#200	376.92	23.4

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	41.0	15.8	19.8	35.6			23.4

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
				0.1940	0.3195	0.8713	2.2009	9.4290	14.3807	24.1607	30.5800

Fineness Modulus
3.38

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-2
Depth: 66.0 - 66.5'
Material Description: Yellowish brown clayey SAND
USCS: SC
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
662.90	261.60	0.00	3"	0.00	100.0
			1.5"	0.00	100.0
			1"	0.00	100.0
			3/4"	0.00	100.0
			3/8"	4.18	99.0
			#4	11.98	97.0
			#8	19.41	95.2
			#10	21.01	94.8
			#16	27.04	93.3
			#30	44.25	89.0
			#40	64.59	83.9
			#50	102.85	74.4
			#100	206.18	48.6
			#200	220.97	44.9

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	5.2	10.9	39.0	49.9			44.9

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
						0.1581	0.2094	0.3597	0.4502	0.6669	2.2057

Fineness Modulus
1.04

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-2
Depth: 81.0 - 81.5'
Material Description: Yellowish brown sandy CLAY
USCS: CL
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
655.20	293.80	0.00	3"	0.00	100.0
			1.5"	0.00	100.0
			1"	0.00	100.0
			3/4"	0.00	100.0
			3/8"	17.48	95.2
			#4	36.34	89.9
			#8	51.21	85.8
			#10	54.22	85.0
			#16	64.23	82.2
			#30	77.61	78.5
			#40	85.98	76.2
			#50	98.10	72.9
			#100	144.71	60.0
			#200	150.50	58.4

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	15.0	8.8	17.8	26.6			58.4

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
							0.1505	0.7732	2.0011	4.7901	9.3473

Fineness Modulus
1.35

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-2
Depth: 100.0 - 100.5'
Material Description: Yellowish brown clayey SAND with gravel
USCS: SC
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
822.70	261.80	0.00	3"	0.00	100.0
			1.5"	0.00	100.0
			1"	28.36	94.9
			3/4"	69.89	87.5
			3/8"	140.25	75.0
			#4	215.52	61.6
			#8	274.53	51.1
			#10	285.90	49.0
			#16	322.90	42.4
			#30	356.25	36.5
			#40	372.24	33.6
			#50	392.72	30.0
			#100	435.92	22.3
			#200	445.34	20.6

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	51.0	15.4	13.0	28.4			20.6

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
				0.3004	0.9250	2.1650	4.3488	12.9916	17.0654	20.9234	25.4654

Fineness Modulus
3.94

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-2
Depth: 121.0 - 121.5'
Material Description: Yellowish brown clayey SAND
USCS: SC
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
647.80	264.90	0.00	3"	0.00	100.0
			1.5"	0.00	100.0
			1"	0.00	100.0
			3/4"	0.00	100.0
			3/8"	11.93	96.9
			#4	36.57	90.4
			#8	67.81	82.3
			#10	74.90	80.4
			#16	93.91	75.5
			#30	114.83	70.0
			#40	125.55	67.2
			#50	144.03	62.4
			#100	210.39	45.1
			#200	216.12	43.6

Fractional Components

Cobbles	Gravel	Sand			Fines		
		Coarse	Fine	Total	Silt	Clay	Total
0.0	19.6	13.2	23.6	36.8			43.6

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
						0.1876	0.2702	1.9189	2.9718	4.5609	7.5288

Fineness Modulus
1.77

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-2
Depth: 35.5 - 36.0'
Material Description: Yellowish brown lean CLAY with sand
USCS: CL
Tested by: BH

Sieve Test Data

Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
120.39	37.94	0.00	3"	0.00	100.0
			#4	0.86	99.0
			#40	6.16	92.5
			#200	15.29	81.5

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	0.2	0.8	1.0	1.3	5.2	11.0	17.5			81.5

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
									0.1241	0.2678	0.7572

Fineness Modulus
0.36

GRAIN SIZE DISTRIBUTION TEST DATA

7/4/2019

Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-2
Depth: 106.0 - 106.5'
Material Description: Yellowish brown sandy CLAY
USCS: CL
Tested by: BH

Sieve Test Data

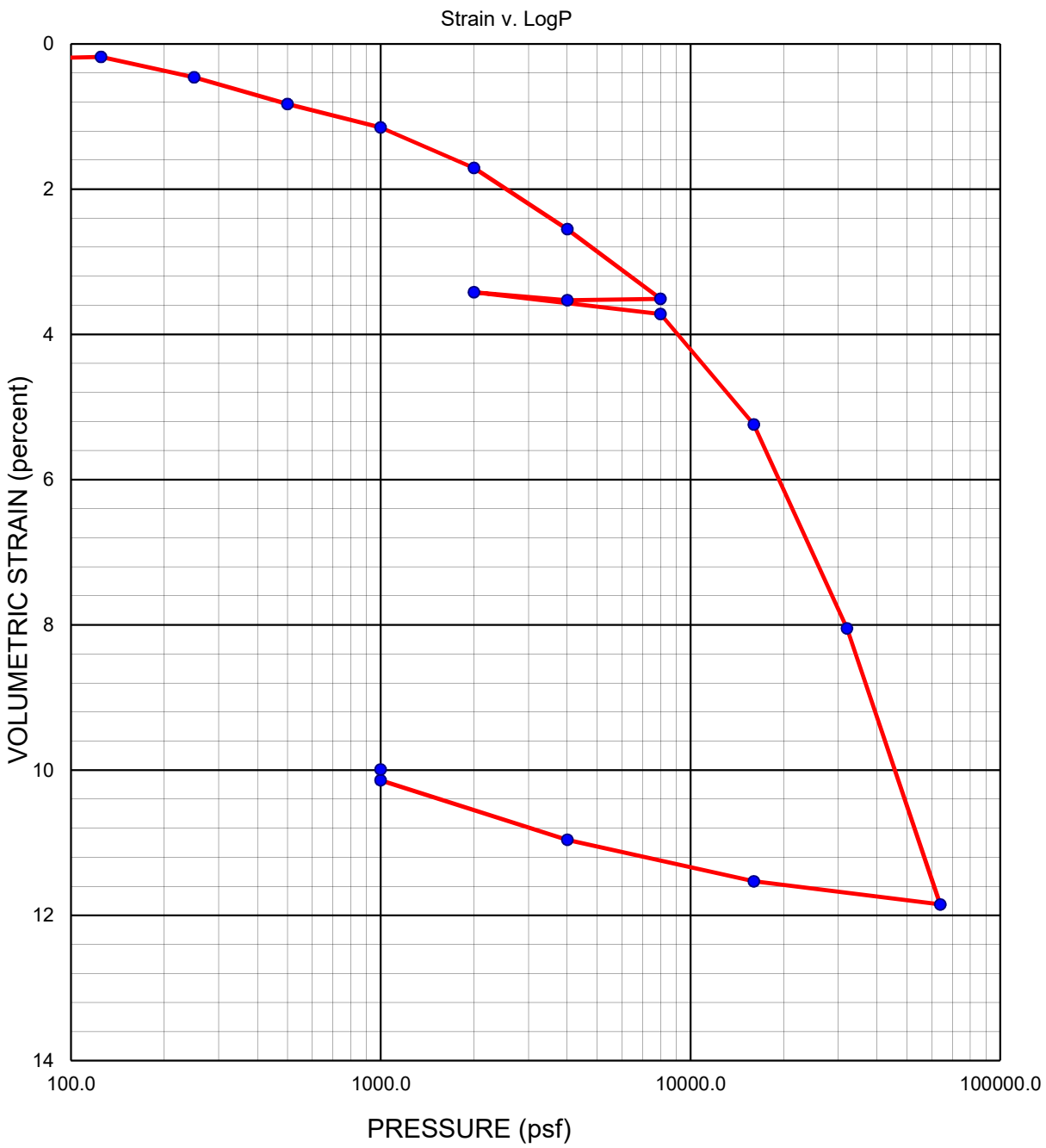
Dry Sample and Tare (grams)	Tare (grams)	Cumulative Pan Tare Weight (grams)	Sieve Opening Size	Cumulative Weight Retained (grams)	Percent Finer
230.90	38.88	0.00	3"	0.00	100.0
			#4	7.06	96.3
			#40	29.12	84.8
			#200	66.47	65.4

Fractional Components

Cobbles	Gravel			Sand				Fines		
	Coarse	Fine	Total	Coarse	Medium	Fine	Total	Silt	Clay	Total
0.0	1.4	2.3	3.7	2.4	9.1	19.4	30.9			65.4

D_5	D_{10}	D_{15}	D_{20}	D_{30}	D_{40}	D_{50}	D_{60}	D_{80}	D_{85}	D_{90}	D_{95}
								0.2578	0.4332	0.8682	2.8179

Fineness Modulus
0.79



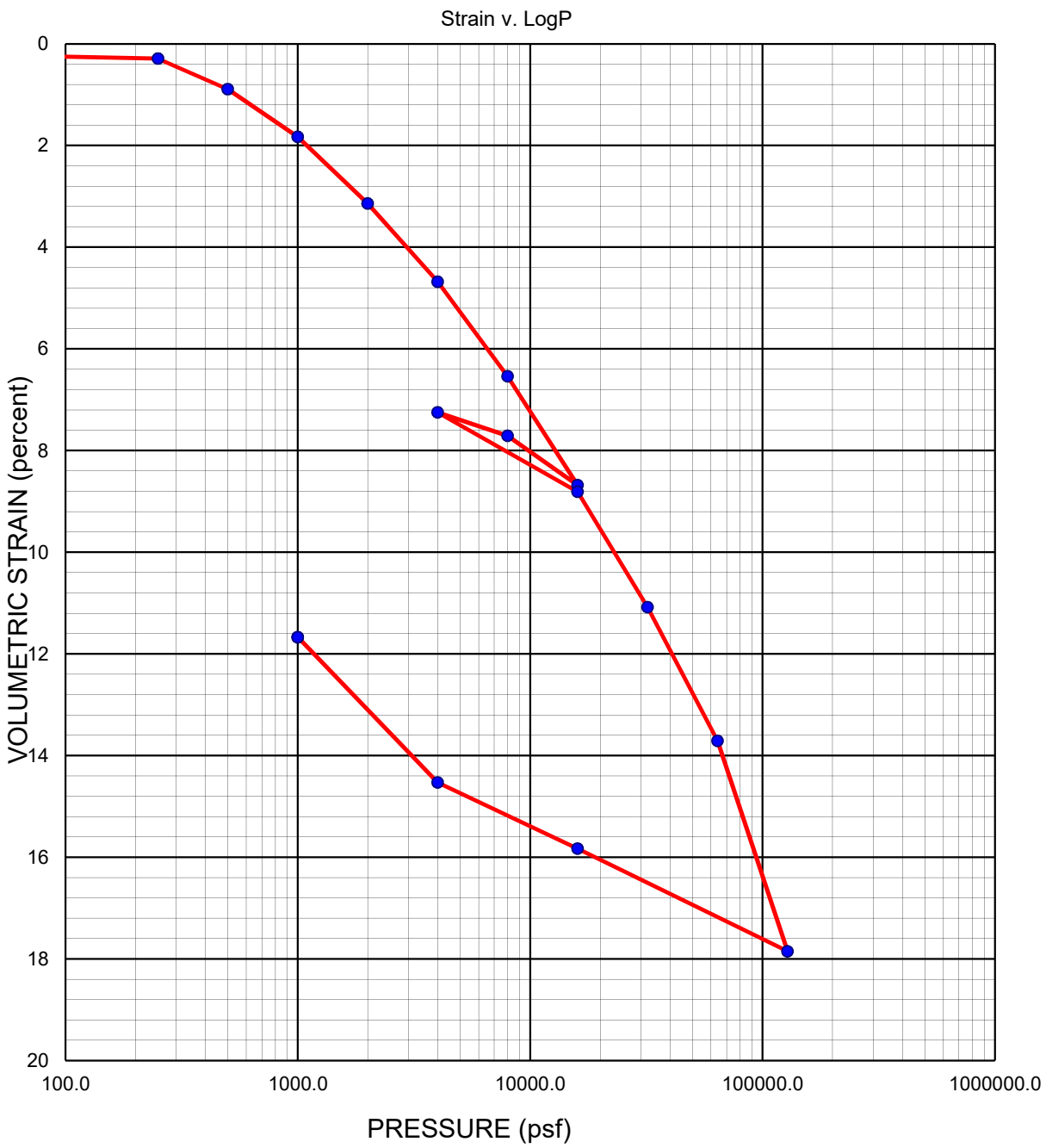
Sampler Type: Shelby				Condition	Before Test			After Test	
Diameter (in)	2.00	Height (in)	0.75	Water Content	w_o	23.9 %		w_f	20.0 %
Overburden Pressure, p_o			psf	Void Ratio	e_o	0.72		e_f	0.55
Preconsol. Pressure, p_c			psf	Saturation	S_o	91.1 %		S_f	100 %
Compression Ratio, $C_{\varepsilon c}$				Dry Density	γ_d	100 pcf		γ_d	111 pcf
Recompression Ratio, $C_{\varepsilon r}$		LL		PL	PI		G_s	2.75	(assumed)
Source: B-1 at 31.0 feet									
Description: Yellowish brown clayey SAND									

BERKELEY PLAZA

CONSOLIDATION TEST REPORT

B. HILLEBRANDT SOILS TESTING, INC

Date 06/30/19 | Project No. 1114-10A | Figure



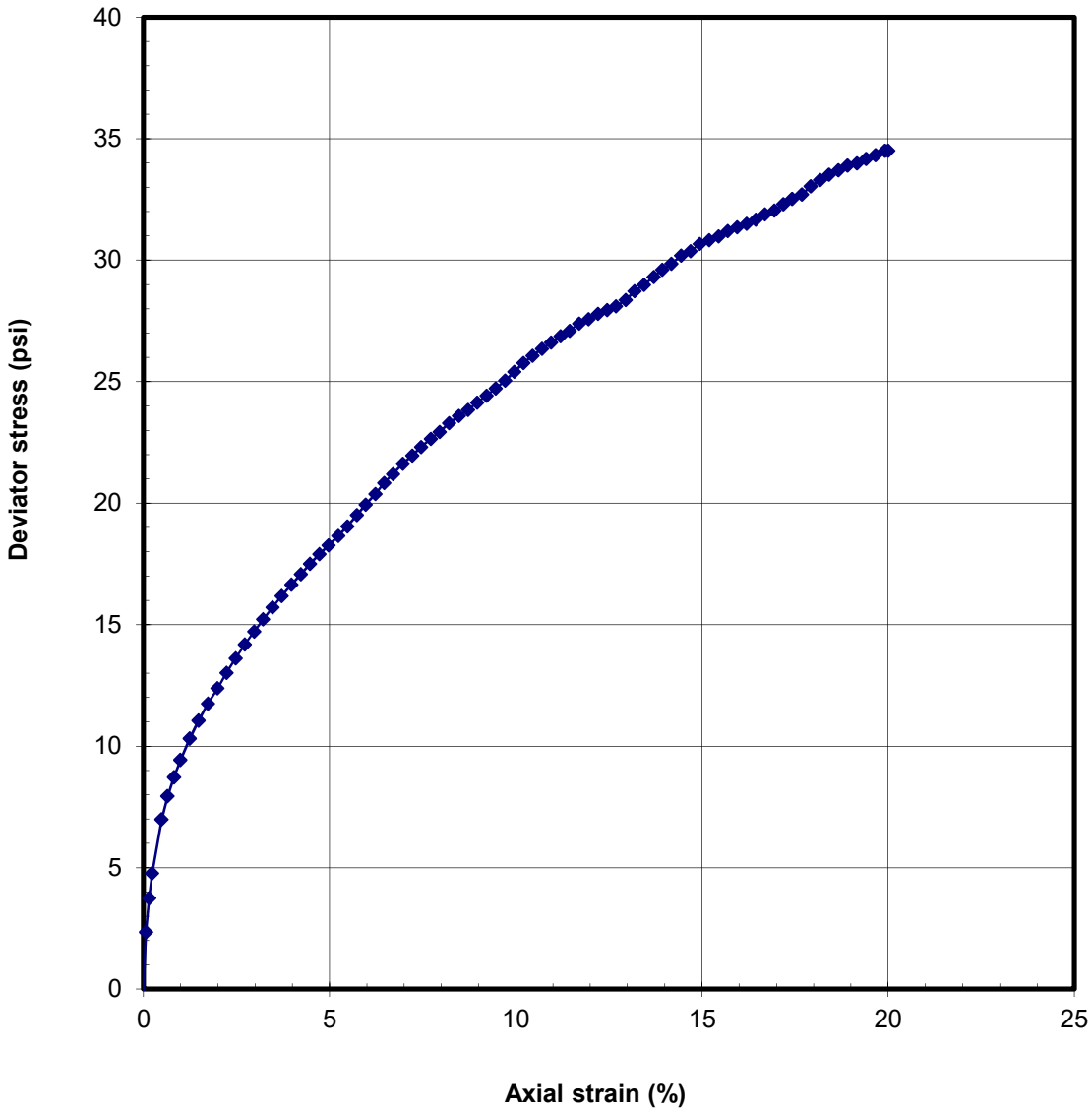
Sampler Type: Shelby				Condition	Before Test			After Test	
Diameter (in)	2.00	Height (in)	0.75	Water Content	w_o	21.4	%	w_f	17.8 %
Overburden Pressure, p_o			psf	Void Ratio	e_o	0.69		e_f	0.49
Preconsol. Pressure, p_c			psf	Saturation	S_o	85.3	%	S_f	100 %
Compression Ratio, $C_{\varepsilon c}$				Dry Density	γ_d	102	pcf	γ_d	115 pcf
Recompression Ratio, $C_{\varepsilon r}$		LL		PL	PI		G_s	2.75	(assumed)
Source: B-1 at 51.0 feet									
Description: Brown lean CLAY with sand									

BERKELEY PLAZA

CONSOLIDATION TEST REPORT

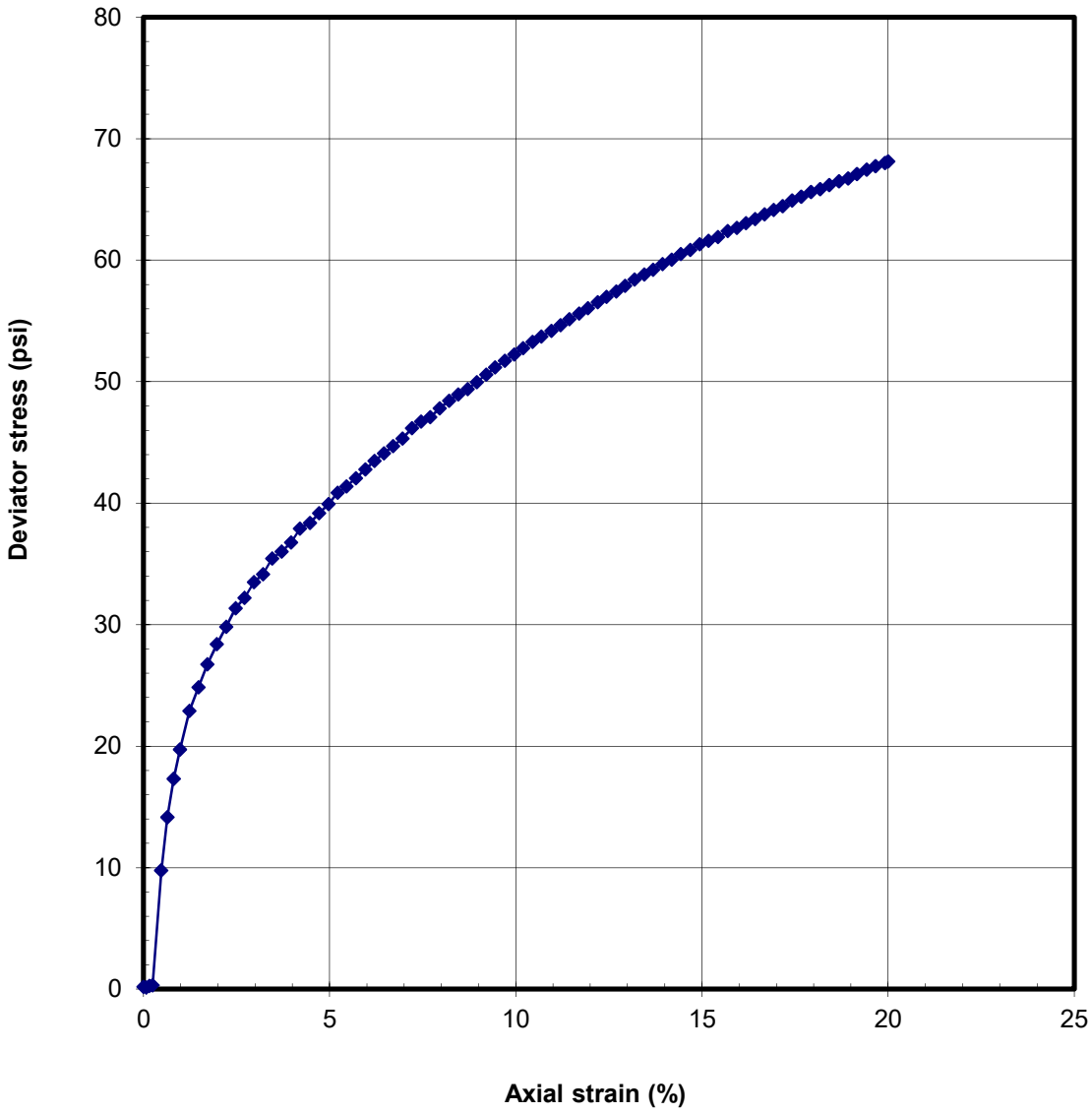
B. HILLEBRANDT SOILS TESTING, INC

Date 06/30/19 | Project No. 1114-10A | Figure



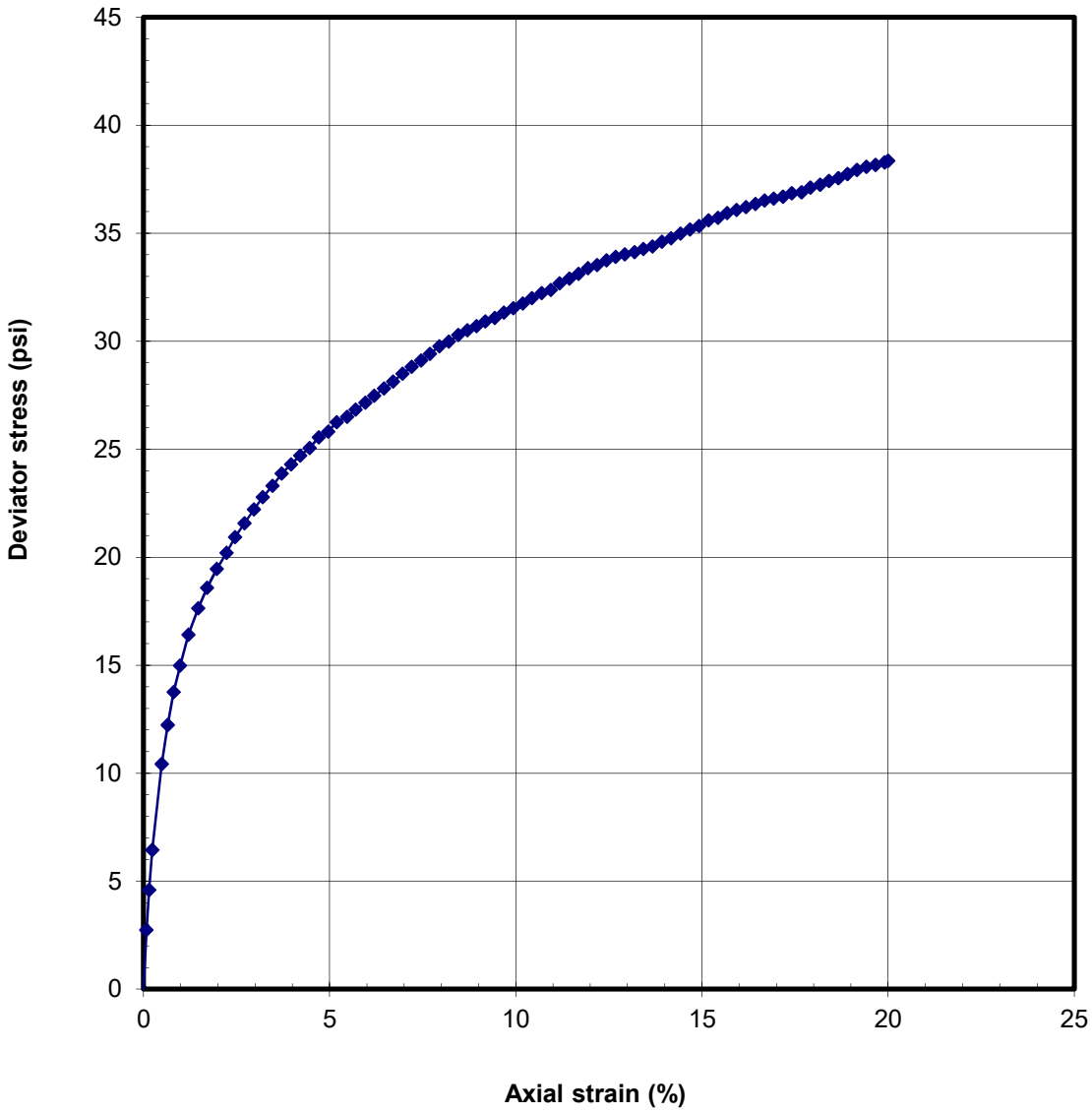
Sampler Type Mod Cal		Shear Strength:	17.25 psi
Diameter (in): 2.39	Height (in): 5.3	Strain at Failure:	20.0%
Moisture Content:	26.3 %	Confining Pressure:	49 psi
Dry Density:	100 pcf	Strain Rate:	1%/min
Source: B-1 at 56.0 feet			
Description: Brownish yellow sandy CLAY			

BERKELEY PLAZA		**UNCONSOLIDATED-UNDRAINED TRIAXIAL COMPRESSION TEST**	
B. HILLEBRANDT SOILS TESTING, INC	Date: 06/30/19	Project #: 1114-10A	Figure



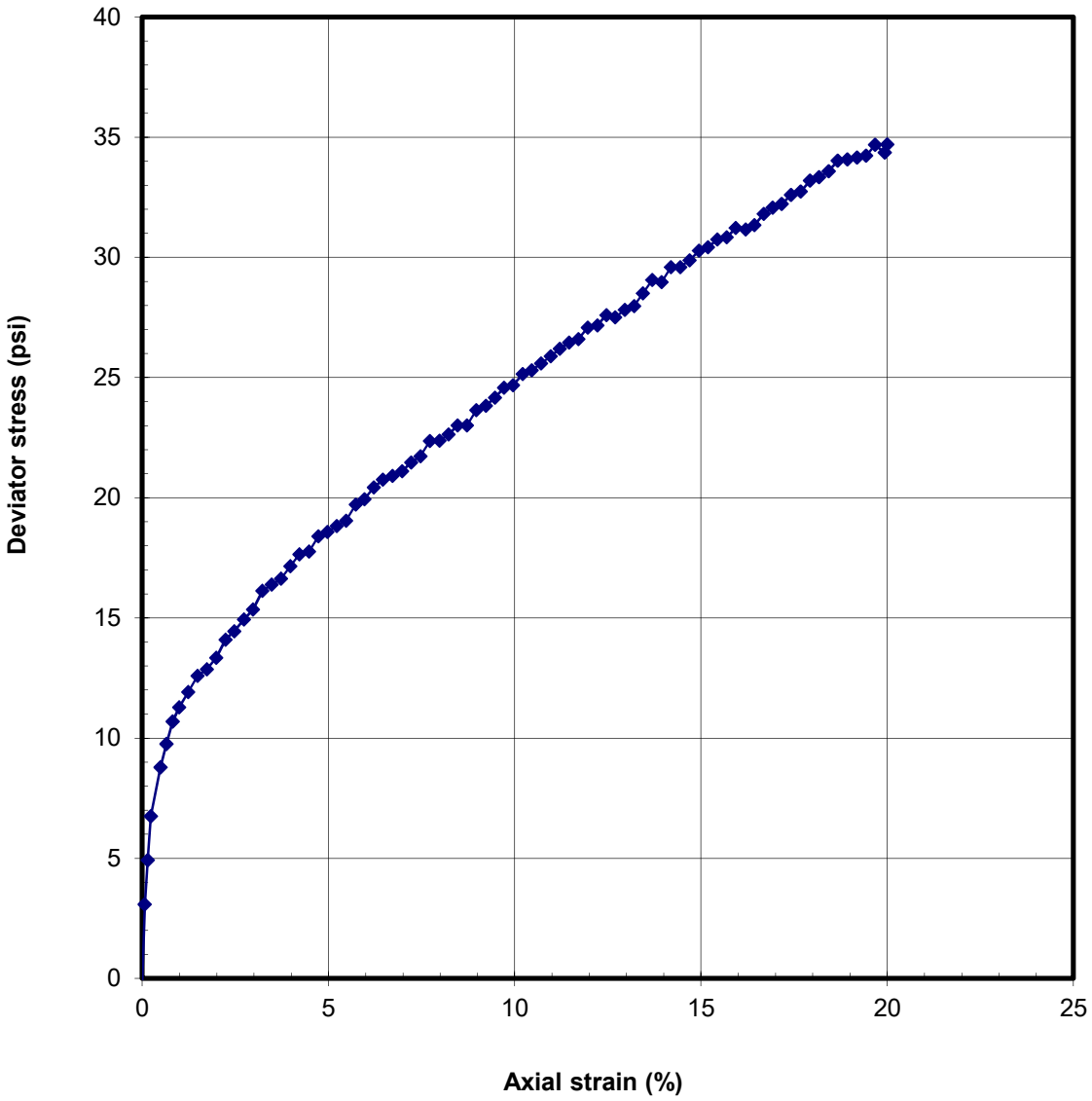
Sampler Type Mod Cal		Shear Strength:	34.06 psi
Diameter (in): 2.39	Height (in): 5.75	Strain at Failure:	20.0%
Moisture Content:	19.3 %	Confining Pressure:	75 psi
Dry Density:	112 pcf	Strain Rate:	1%/min
Source: B-1 at 85.5 feet			
Description: Brownish yellow sandy lean CLAY			

BERKELEY PLAZA		**UNCONSOLIDATED-UNDRAINED TRIAXIAL COMPRESSION TEST**	
B. HILLEBRANDT SOILS TESTING, INC	Date: 06/30/19	Project #: 1114-10A	Figure



Sampler Type Mod Cal		Shear Strength:	19.17 psi
Diameter (in): 2.40	Height (in): 5.16	Strain at Failure:	20.0%
Moisture Content:	26.5 %	Confining Pressure:	31 psi
Dry Density:	99.1 pcf	Strain Rate:	1%/min
Source: B-2 at 35.5 feet			
Description: Yellowish brown lean CLAY with sand			

BERKELEY PLAZA		**UNCONSOLIDATED-UNDRAINED TRIAXIAL COMPRESSION TEST**	
B. HILLEBRANDT SOILS TESTING, INC	Date: 06/30/19	Project #: 1114-10A	Figure



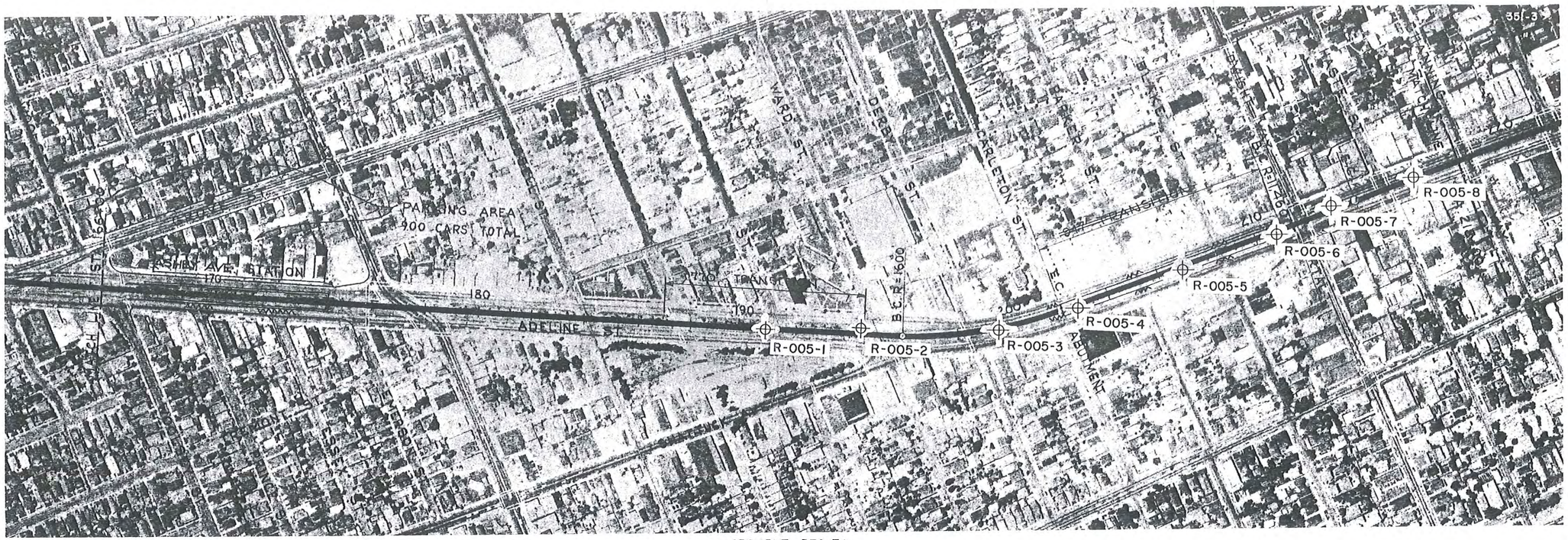
Sampler Type: Mod Cal		Shear Strength:	17.35 psi
Diameter (in): 2.39	Height (in): 5.8	Strain at Failure:	20.0%
Moisture Content:	18.5 %	Confining Pressure:	92 psi
Dry Density:	113 pcf	Strain Rate:	1%/min
Source: B-2 at 106.0 feet			
Description: Yellowish brown sandy CLAY			

BERKELEY PLAZA		**UNCONSOLIDATED-UNDRAINED TRIAXIAL COMPRESSION TEST**	
B. HILLEBRANDT SOILS TESTING, INC	Date: 06/30/19	Project #: 1114-10A	Figure

APPENDIX D

BART Boring Data

BERKELEY PLAZA
BERKELEY, CALIFORNIA



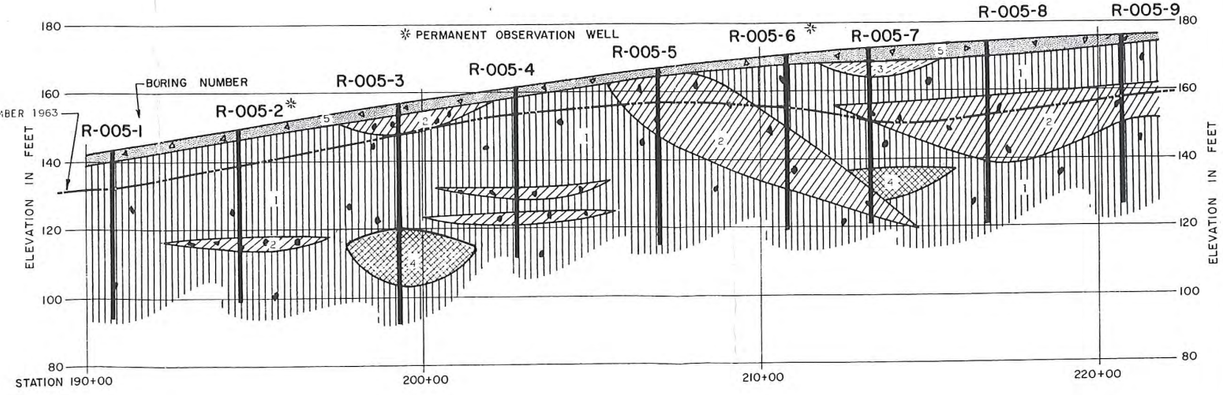
SEGMENT RFS-3A

PLOT PLAN

FEET
100 0 100 200 300 400 500

KEY

1		CL-SC	MIXED BROWN SANDY AND SILTY CLAY AND CLAYEY SAND WITH VARIED AMOUNTS OF SMALL ROCK FRAGMENTS AND GRAVEL
2		SC-GC	MIXED BROWN SAND AND GRAVEL WITH VARYING AMOUNTS OF CLAY
3		CL-GC	GREENISH-GRAY OR DARK GRAY SILTY CLAY WITH VARYING AMOUNTS OF FINE GRAVEL
4		SP-GP	MIXED BROWN SAND AND GRAVEL WITH VARYING AMOUNTS OF CLAY BINDER
5		FILL	CLAYEY SAND OR CLAYEY GRAVEL WITH VARYING AMOUNTS OF ROCK FRAGMENTS

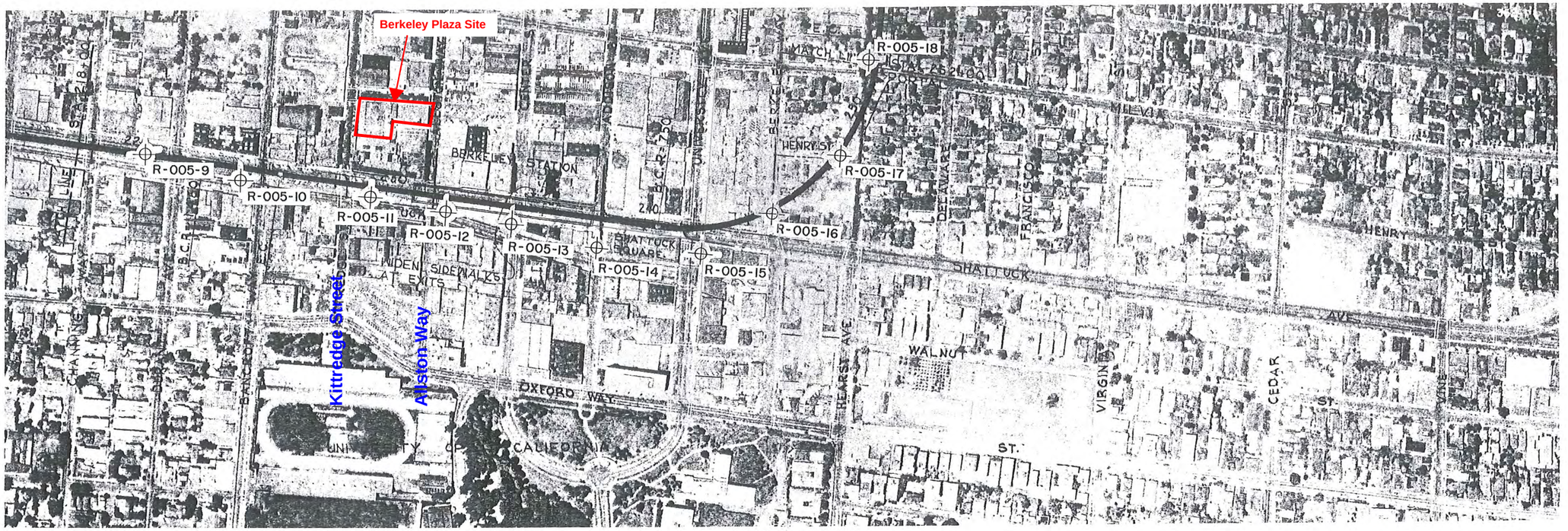


SUBSURFACE SECTION

FEET
100 0 100 200 300 400 500

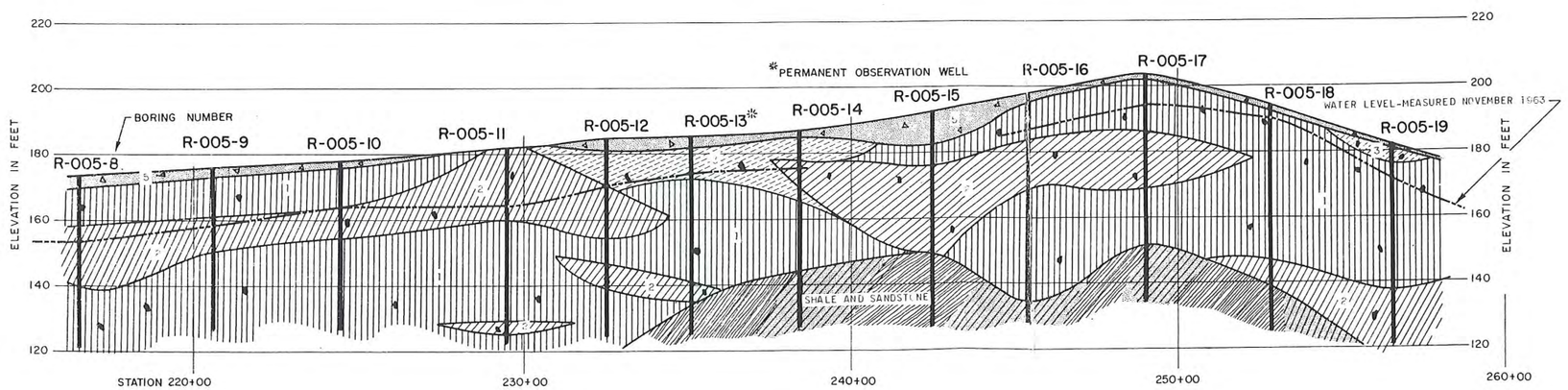
DAMES & MOORE
CONSULTANTS IN APPLIED EARTH SCIENCES
SOIL MECHANICS · ENGINEERING GEOLOGY · GEOPHYSICS

PLATE 1A



PLOT PLAN

FEET
100 0 100 200 300 400 500



KEY

1	CL-SC	MIXED BROWN SANDY AND SILTY CLAY AND CLAYEY SAND WITH VARIED AMOUNTS OF SMALL ROCK FRAGMENTS AND GRAVEL
2	SC-GC	MIXED BROWN SAND AND GRAVEL WITH VARYING AMOUNTS OF CLAY
3	CL-GC	GREENISH-GRAY OR DARK GRAY SILTY CLAY WITH VARYING AMOUNTS OF FINE GRAVEL
4	SP-GP	MIXED BROWN SAND AND GRAVEL WITH VARYING AMOUNTS OF CLAY BINDER
5	FILL	CLAYEY SAND OR CLAYEY GRAVEL WITH VARYING AMOUNTS OF ROCK FRAGMENTS

SUBSURFACE SECTION

FEET
100 0 100 200 300 400 500

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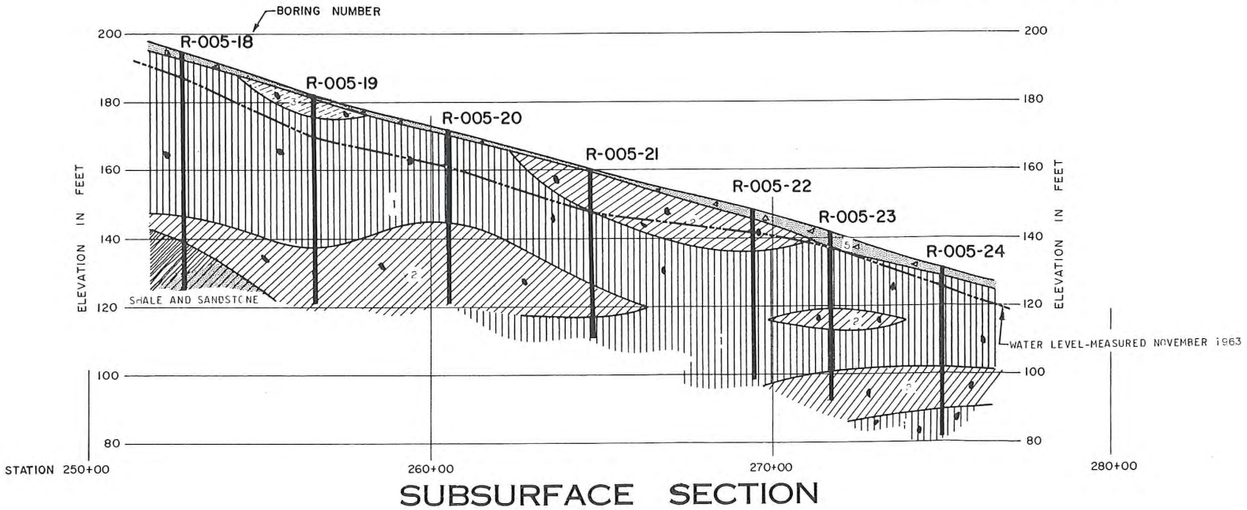
PLATE 1B

PLOT PLAN

FEET
100 0 100 200 300 400 500



SUBSURFACE SECTION

FEET
100 0 100 200 300 400 500

KEY

1	CL-SC	MIXED BROWN SANDY AND SILTY CLAY AND CLAYEY SAND WITH VARIED AMOUNTS OF SMALL ROCK FRAGMENTS AND GRAVEL
2	SC-GC	MIXED BROWN SAND AND GRAVEL WITH VARYING AMOUNTS OF CLAY
3	CL-GC	GREENISH-GRAY OR DARK GRAY SILTY CLAY WITH VARYING AMOUNTS OF FINE GRAVEL
4	SP-GP	MIXED BROWN SAND AND GRAVEL WITH VARYING AMOUNTS OF CLAY BINDER
5	FILL	CLAYEY SAND OR CLAYEY GRAVEL WITH VARYING AMOUNTS OF ROCK FRAGMENTS

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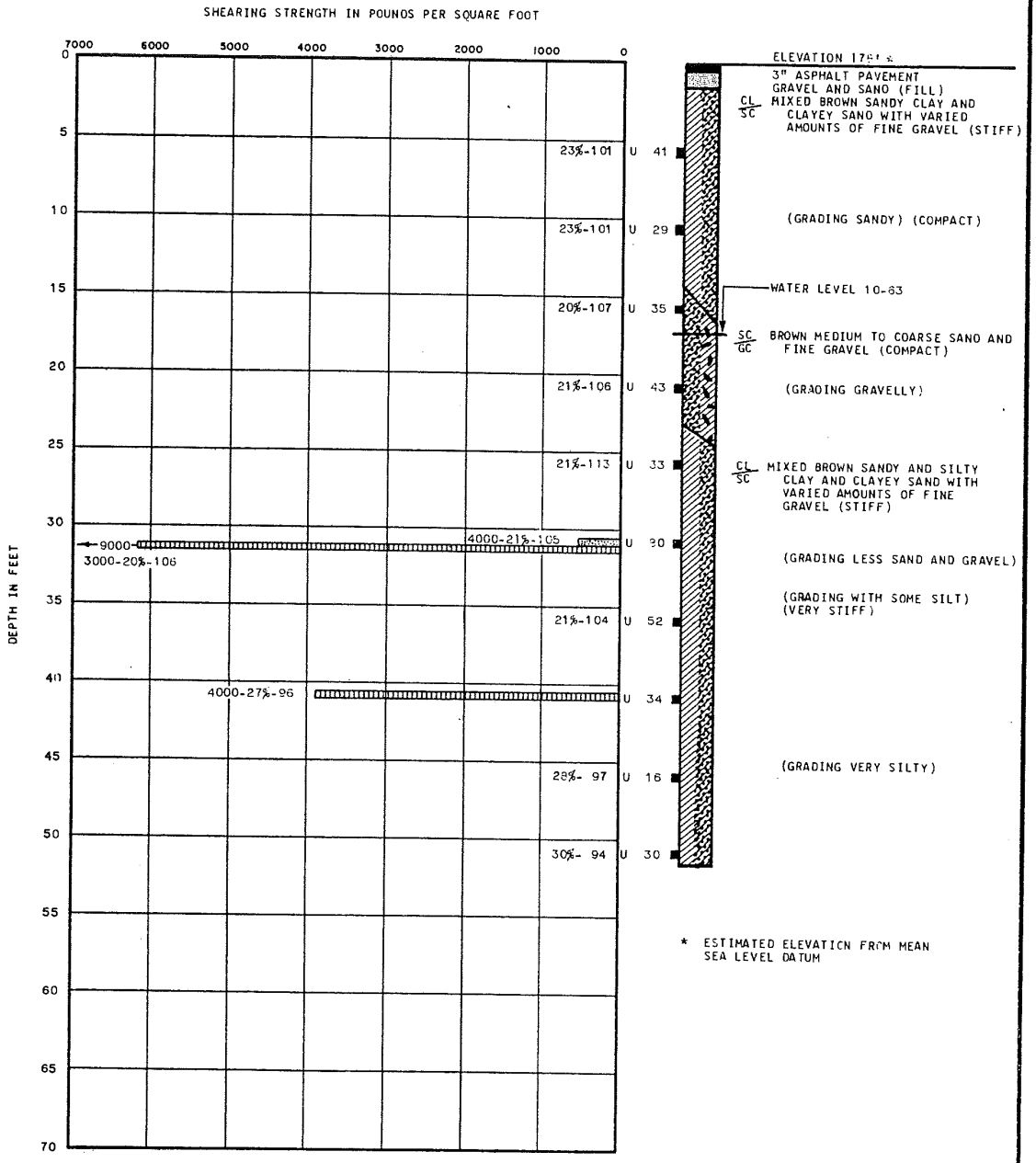
SOIL MECHANICS - ENGINEERING GEOLOGY - GEOPHYSICS

PLATE IC

BORING R-005-10

DRILLED 10-18-63



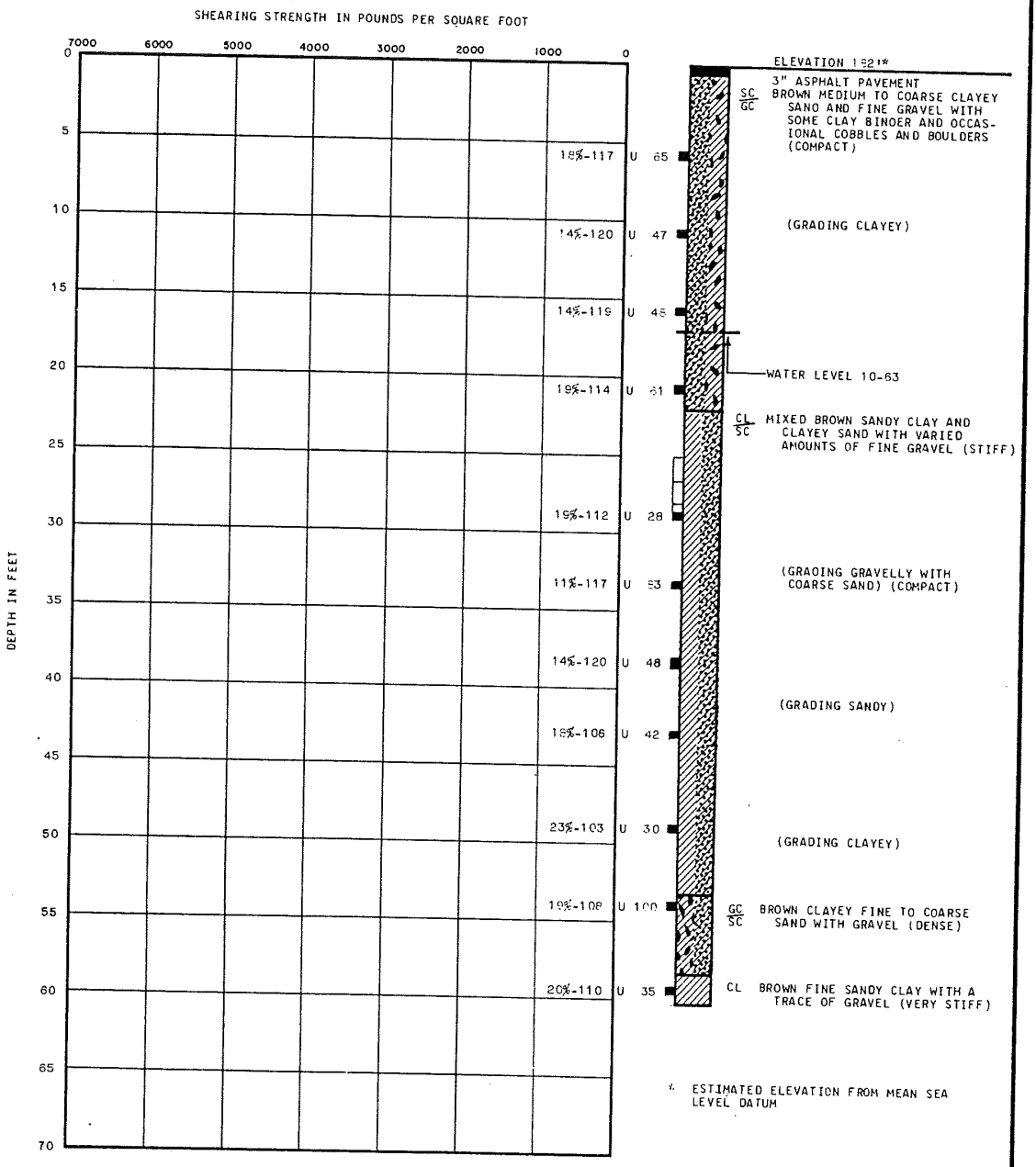
LOG OF BORINGS

DAMES & MOORE
SOIL MECHANICS ENGINEERS

PLATE A1J

BORING R-005-II

DRILLED 12-21-83



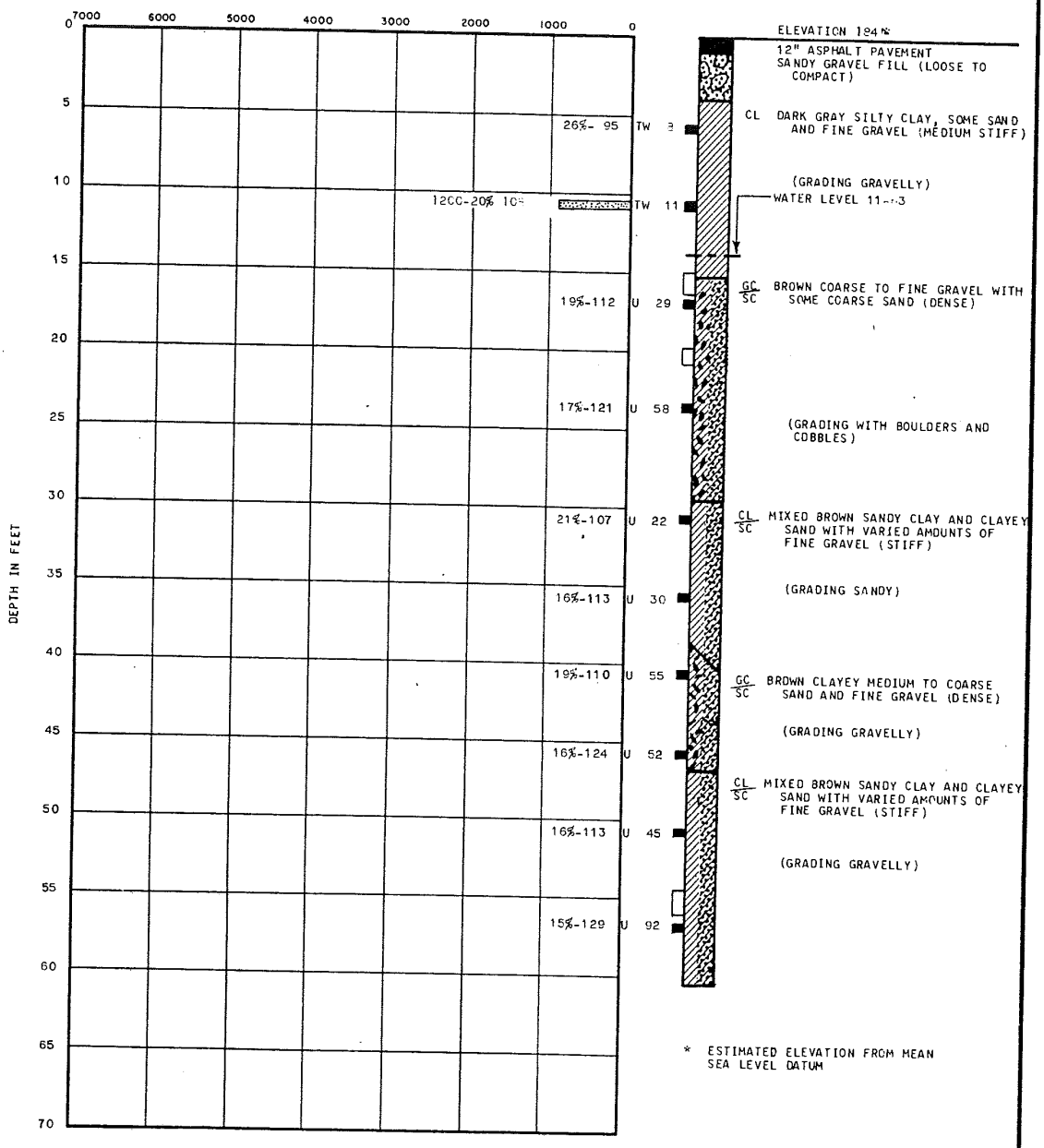
LOG OF BORINGS

DAMES & MOORE
SOIL MECHANICS ENGINEERS

PLATE A1K

BORING R-005-12

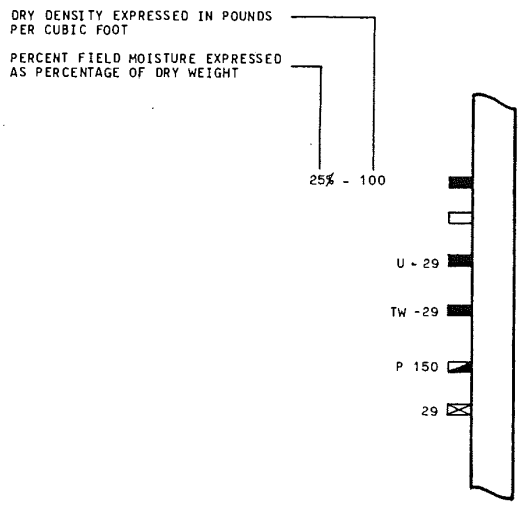
DRILLED 10-22-63



LOG OF BORINGS

DAMES & MOORE
SOIL MECHANICS ENGINEERS

PLATE A1L



INDICATES DEPTH OF UNDISTURBED SAMPLE

INDICATES DEPTH OF SAMPLING ATTEMPT WITH NO RECOVERY

INDICATES DRIVING RESISTANCE IN BLOWS PER FOOT FOR SOIL SAMPLER TYPE U

INDICATES DRIVING RESISTANCE IN BLOWS PER FOOT FOR SOIL SAMPLER TYPE U, EXTENDED BY A 6" LONG THIN WALL SAMPLING TUBE

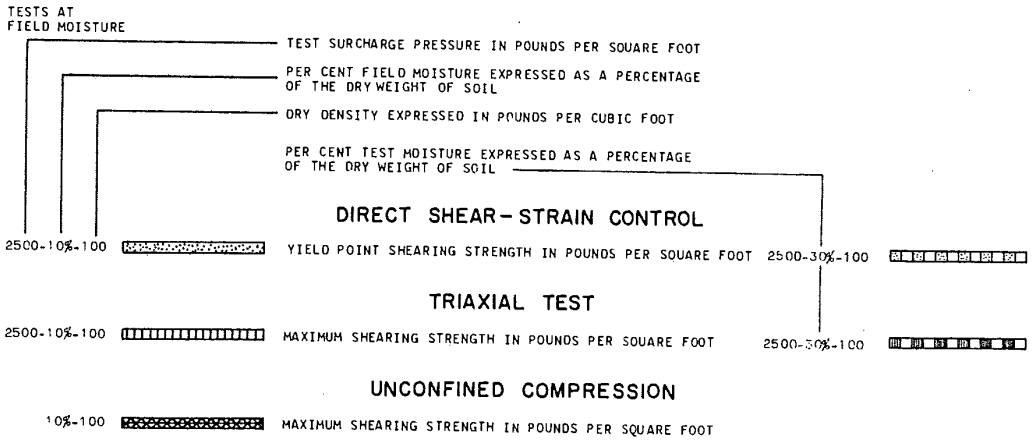
INDICATES DEPTH OF SAMPLE TAKEN WITH PISTON SAMPLER - NO BLOW COUNTS - NUMBER INDICATES APPLIED PRESSURE IN POUNDS PER SQUARE INCH

INDICATES STANDARD PENETRATION TEST

NOTE: ALL DRIVING RESISTANCES MEASURED BY A 350 POUND WEIGHT FALLING 18 INCHES

REVISIONS DATE
BY DATE
BY DATE
PLATE OF

FILE
BY DATE
CHECKED BY DATE

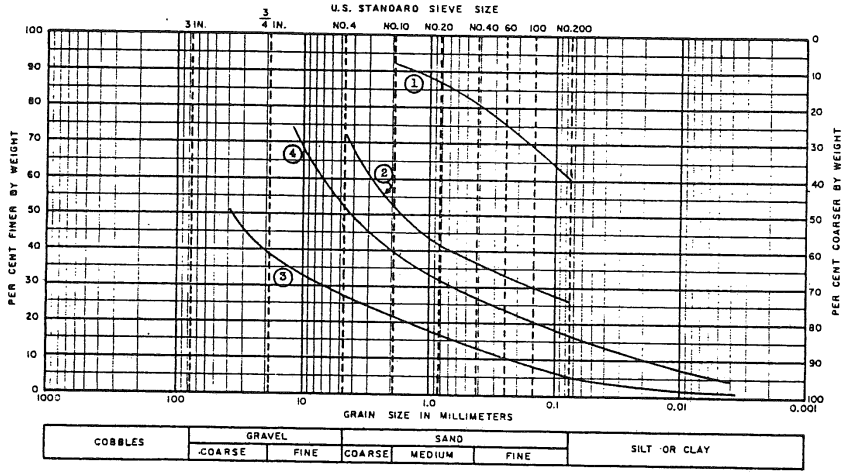


SUPPLEMENTARY KEY TO TEST DATA

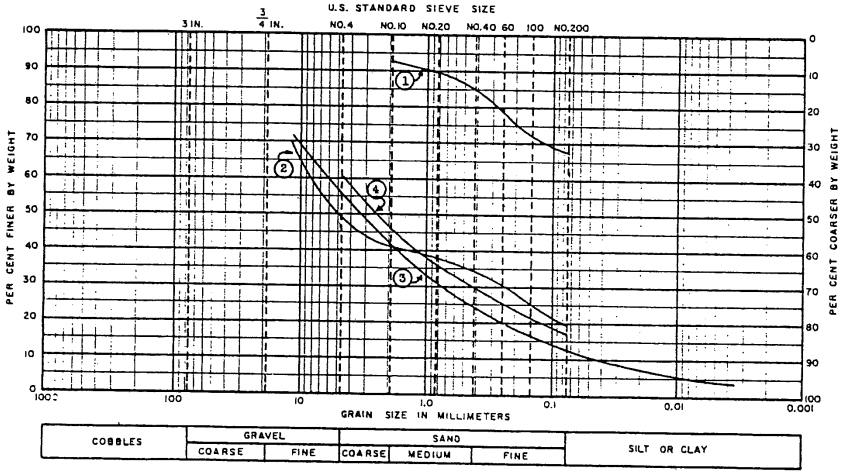
DAMES & MOORE
SOIL MECHANICS ENGINEERS

PLATE A 2B

BORING	DEPTH	ELEV.	SAMPLE	LIQUID LIMIT	PLASTIC LIMIT	SYMBOL	SOIL CLASSIFICATION	KEY	REMARKS
B-005-10	5.5'					CL	Sandy Clay	1	
B-005-10	10.5'					SC	Clayey Gravelly Sand	2	
B-005-10	15.5'					GP	Sandy Gravel	3	
B-005-10	20.5'					GP	Sandy Gravel	4	



BORING	DEPTH	ELEV.	SAMPLE	LIQUID LIMIT	PLASTIC LIMIT	SYMBOL	SOIL CLASSIFICATION	KEY	REMARKS
B-005-10	25.5'					CL	Sandy Clay	1	
B-005-11	5.5'					GP	Sandy Gravel	2	
B-005-11	10.5'					GP	Sandy Gravel	3	
B-005-11	15.5'					SP	Gravelly Sand	4	



REVISIONS
BY _____ DATE _____
BY _____ DATE _____
PLATE _____ OF _____

FILE 3116-011-02
BY E A R T DATE 12-12-63
CHECKED BY KW DATE 12/12/63

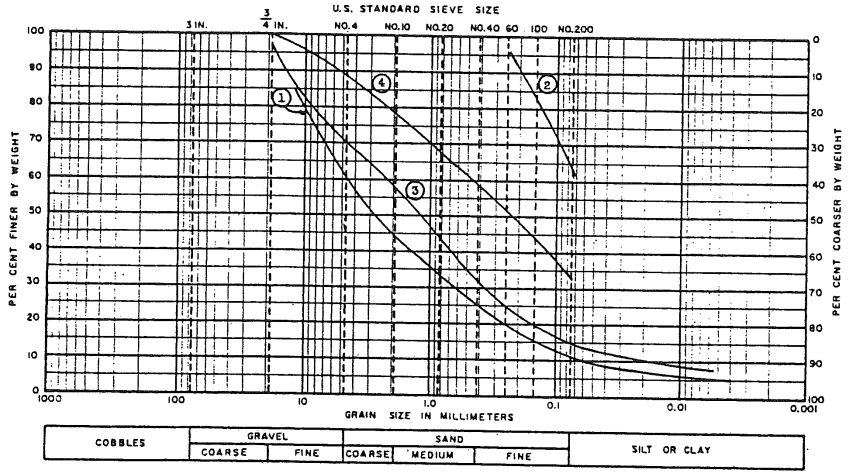
GRAIN SIZE DISTRIBUTION

DAMES & MOORE
APPLIED EARTH SCIENCES

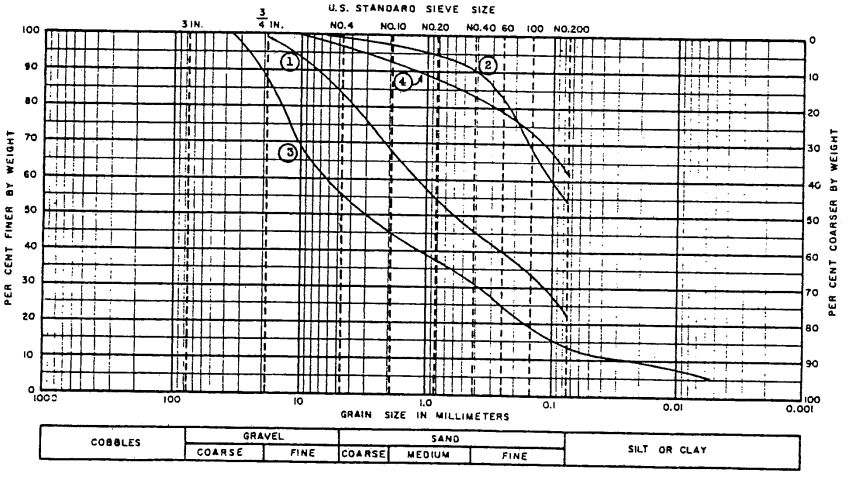
PLATE A4F

L-643

BORING	DEPTH	ELEV.	SAMPLE	LIQUID LIMIT	PLASTIC LIMIT	SYMBOL	SOIL CLASSIFICATION	KEY	REMARKS
R-005-11	20.5'					SM	Gravelly Sand	1	
R-005-11	28.5'					CL	Fine Sandy Clay	2	
R-005-11	33.0'					SC	Gravelly Sand	3	
R-005-11	38.0'					SC	Clayey Sand	4	



BORING	DEPTH	ELEV.	SAMPLE	LIQUID LIMIT	PLASTIC LIMIT	SYMBOL	SOIL CLASSIFICATION	KEY	REMARKS
R-005-11	42.5'					SC	Clayey Sand	1	
R-005-11	48.5'					CL	Fine Sandy Clay	2	
R-005-11	53.5'					GC	Sandy Gravel	3	
R-005-12	10.5'					CL	Sandy Clay	4	



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BY ____ DATE ____
BY ____ DATE ____
PLATE ____ OF ____

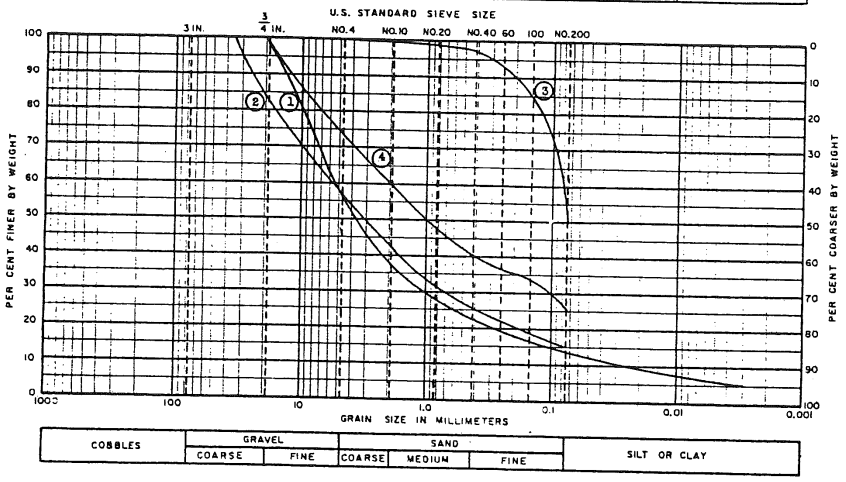
FILE 10-11-
BY HLR DATE 12/12/63
CHECKED BY RK DATE 12/12/63

GRAIN SIZE DISTRIBUTION

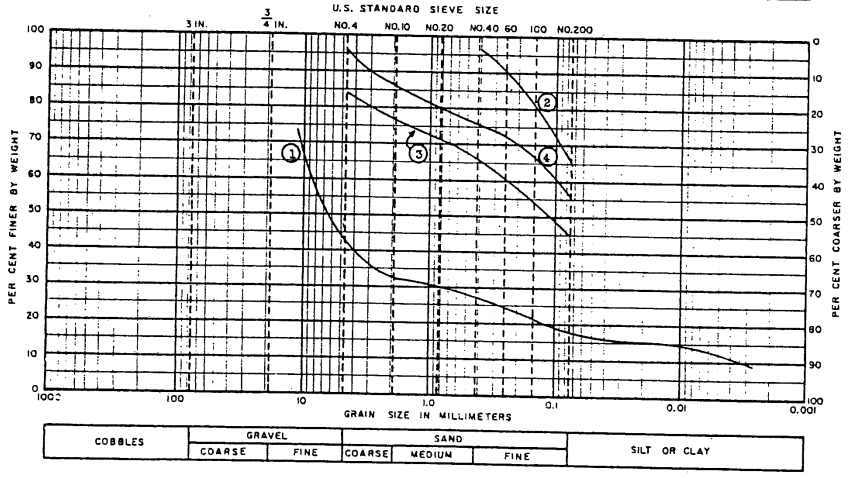
DAMES & MOORE
APPLIED EARTH SCIENCES

PLATE A4G

BORING	DEPTH	ELEV.	SAMPLE	LIQUID LIMIT	PLASTIC LIMIT	SYMBOL	SOIL CLASSIFICATION	KEY	REMARKS
R-005-12	17.0'					GC	Sandy Gravel	1	
R-005-12	23.5'					GC	Sandy Gravel	2	
R-005-12	35.5'					SC	Clayey Sand	3	
R-005-12	40.5'					SC	Gravelly Sand	4	



BORING	DEPTH	ELEV.	SAMPLE	LIQUID LIMIT	PLASTIC LIMIT	SYMBOL	SOIL CLASSIFICATION	KEY	REMARKS
R-005-12	45.5'					GC	Sandy Gravel	1	
R-005-12	50.5'					CL	Fine Sandy Clay	2	
R-005-13	10.5'					SC	Clayey Sand	3	
R-005-13	20.5'					CL	Fine Sandy Clay	4	



REVISIONS
BY: ____ DATE ____
BY: ____ DATE ____
PLATE ____ OF ____

FILE ALL2-011-04
BY E DATE 12/2
CHECKED BY ____ DATE ____

GRAIN SIZE DISTRIBUTION

DAMES & MOORE
APPLIED EARTH SCIENCES

PLATE A4H

APPENDIX E

Sanborn Maps

BERKELEY PLAZA
BERKELEY, CALIFORNIA

THE RESIDENCES AT BERKELEY PLAZA
2211 HAROLD WAY
BERKELEY, CA 94704

Inquiry Number: 5702646.1
June 29, 2019

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

06/29/19

Site Name:

THE RESIDENCES AT BERKE
2211 HAROLD WAY
BERKELEY, CA 94704
EDR Inquiry # 5702646.1

Client Name:

A3GEO
1331 Seventh Street, Unit E
Berkeley, CA 94710
Contact: Laura Buchanan

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 8DF9-409E-ABCB

PO # NA

Project NA

Maps Provided:

1980
1950
1929
1911
1903
1894
1890

Sanborn® Library search results

Certification #: 8DF9-409E-ABCB

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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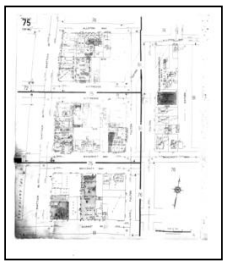
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

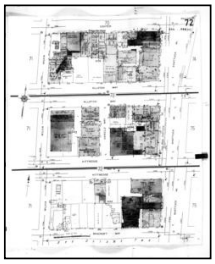
1980 Source Sheets

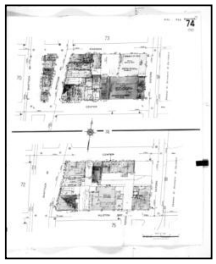
Volume 1, Sheet 72
1980

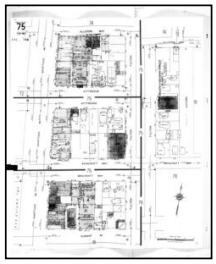
Volume 1, Sheet 74
1980


Volume 1, Sheet 75
1980

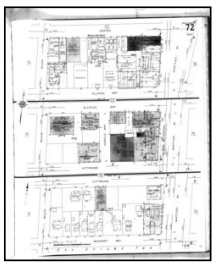
1950 Source Sheets


Volume 1, Sheet 72
1950

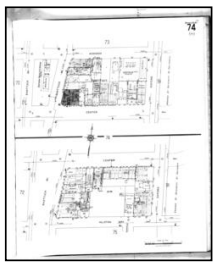

Volume 1, Sheet 74
1950


Volume 1, Sheet 75
1950

1929 Source Sheets


Volume 1, Sheet 72
1929

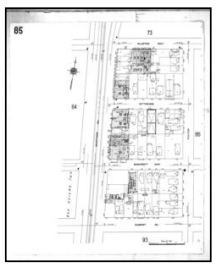
Volume 1, Sheet 75
1929


Volume 1, Sheet 74
1929

1911 Source Sheets

Volume 1, Sheet 73
1911

Volume 1, Sheet 84
1911


Volume 1, Sheet 85
1911

Sanborn Sheet Key

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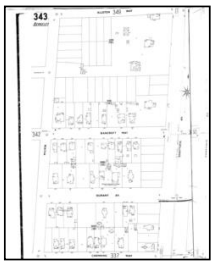
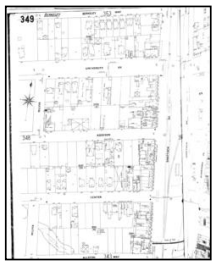
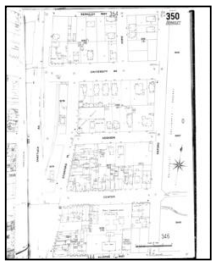
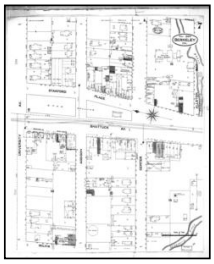

Volume 3, Sheet 343
1903

Volume 3, Sheet 344
1903


Volume 3, Sheet 349
1903


Volume 3, Sheet 350
1903

1894 Source Sheets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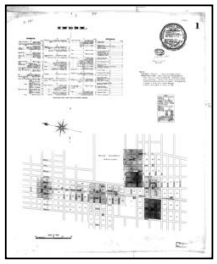
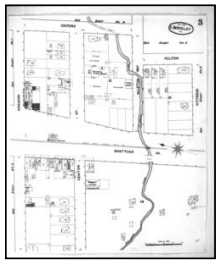
1894

Volume 1, Sheet 10
1894


Volume 1, Sheet 1
1894

1890 Source Sheets

Volume 1, Sheet 5
1890


Volume 1, Sheet 3
1890

Certified Sanborn® Map

1980

Site Name: THE RESIDENCES AT BERKELEY PLAZA
Address: 2211 HAROLD WAY
City, ST, ZIP: BERKELEY, CA 94704
Client: A3GEO
EDR Inquiry: 5702646.1
Order Date: 06/29/2019
Certification #: 8DF9-409E-ABCB
Copyright 1980

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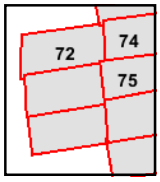

Volume 1, Sheet 75
Volume 1, Sheet 74
Volume 1, Sheet 72

0 Feet 150 300 600

N

EDR

Certified Sanborn® Map

1950

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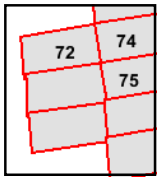

Volume 1, Sheet 75
Volume 1, Sheet 74
Volume 1, Sheet 72

0 Feet 150 300 600

N

EDR

Certified Sanborn® Map

1929

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Address:	2211 HAROLD WAY
City, ST, ZIP:	BERKELEY, CA 94704
Client:	A3GEO
EDR Inquiry:	5702646.1
Order Date:	06/29/2019
Certification #:	8DF9-409E-ABCB
Copyright	1929

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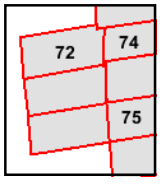


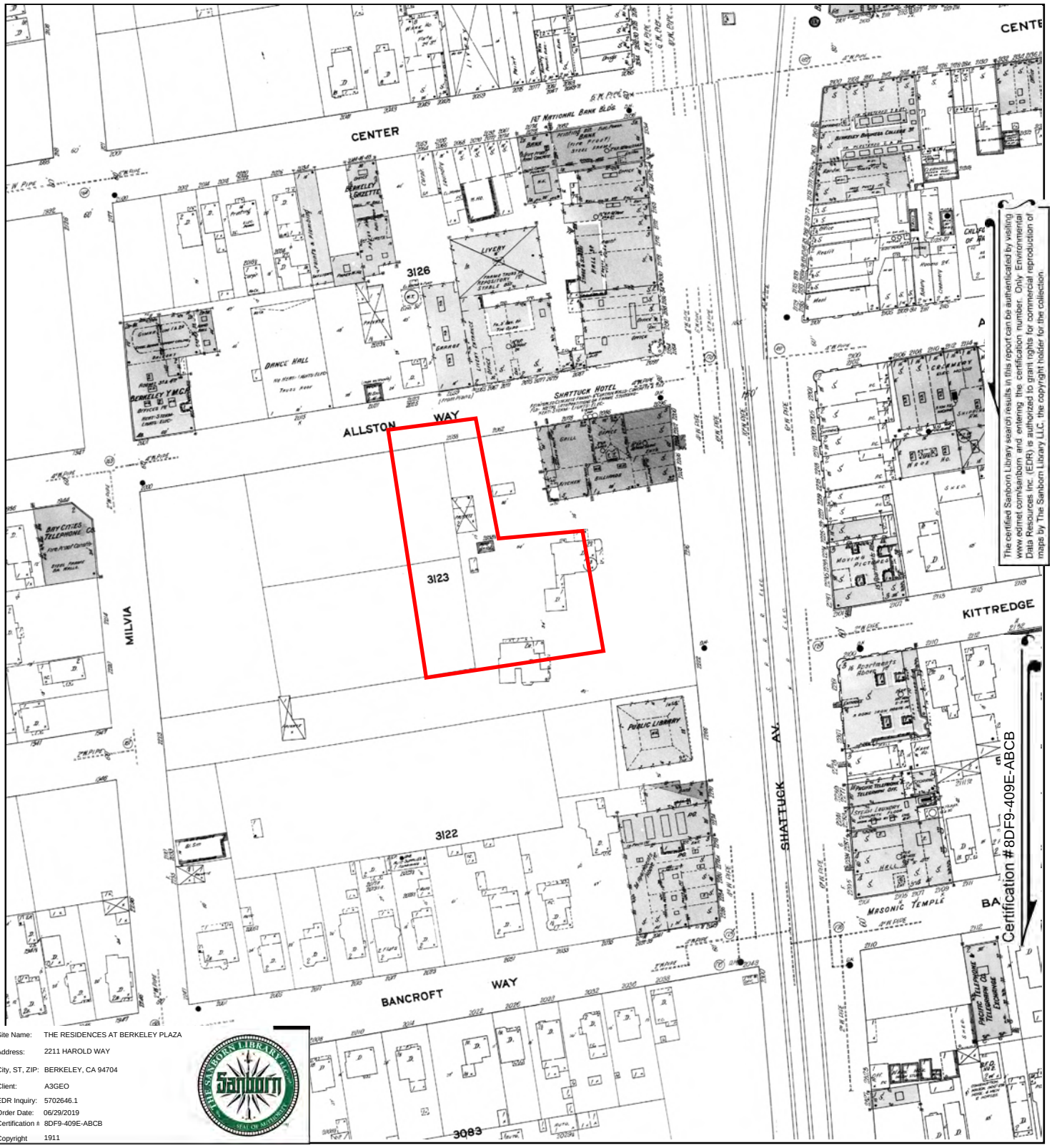
Volume 1, Sheet 74
Volume 1, Sheet 75
Volume 1, Sheet 72

0 Feet 150 300 600

N

Certified Sanborn® Map

1911



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Copyright 1911

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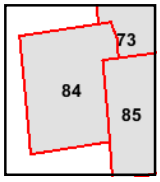


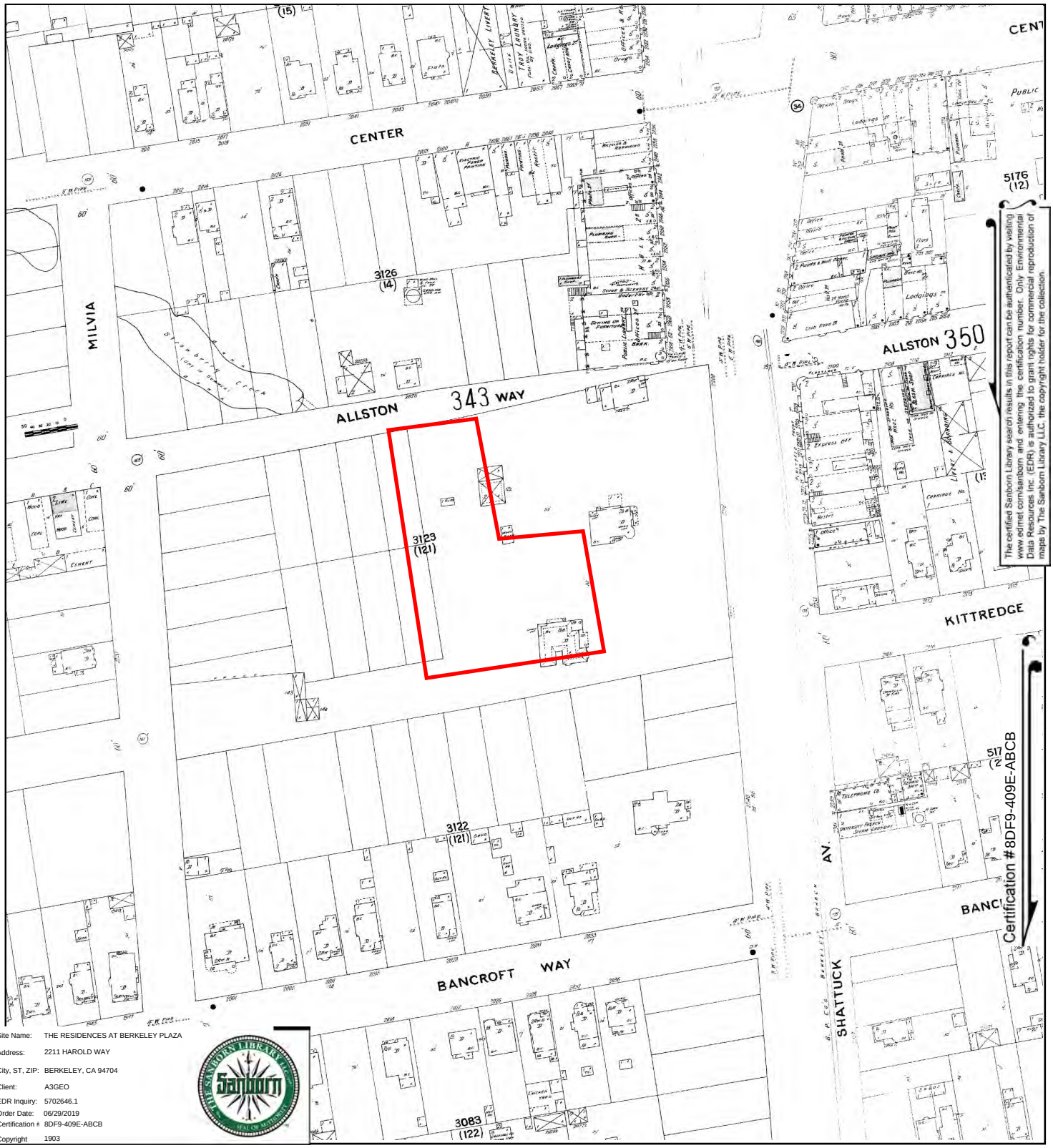
Volume 1, Sheet 85
Volume 1, Sheet 84
Volume 1, Sheet 73

0 Feet 150 300 600

N

Certified Sanborn® Map

1903



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Copyright 1903

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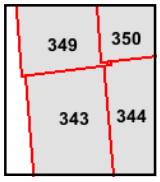

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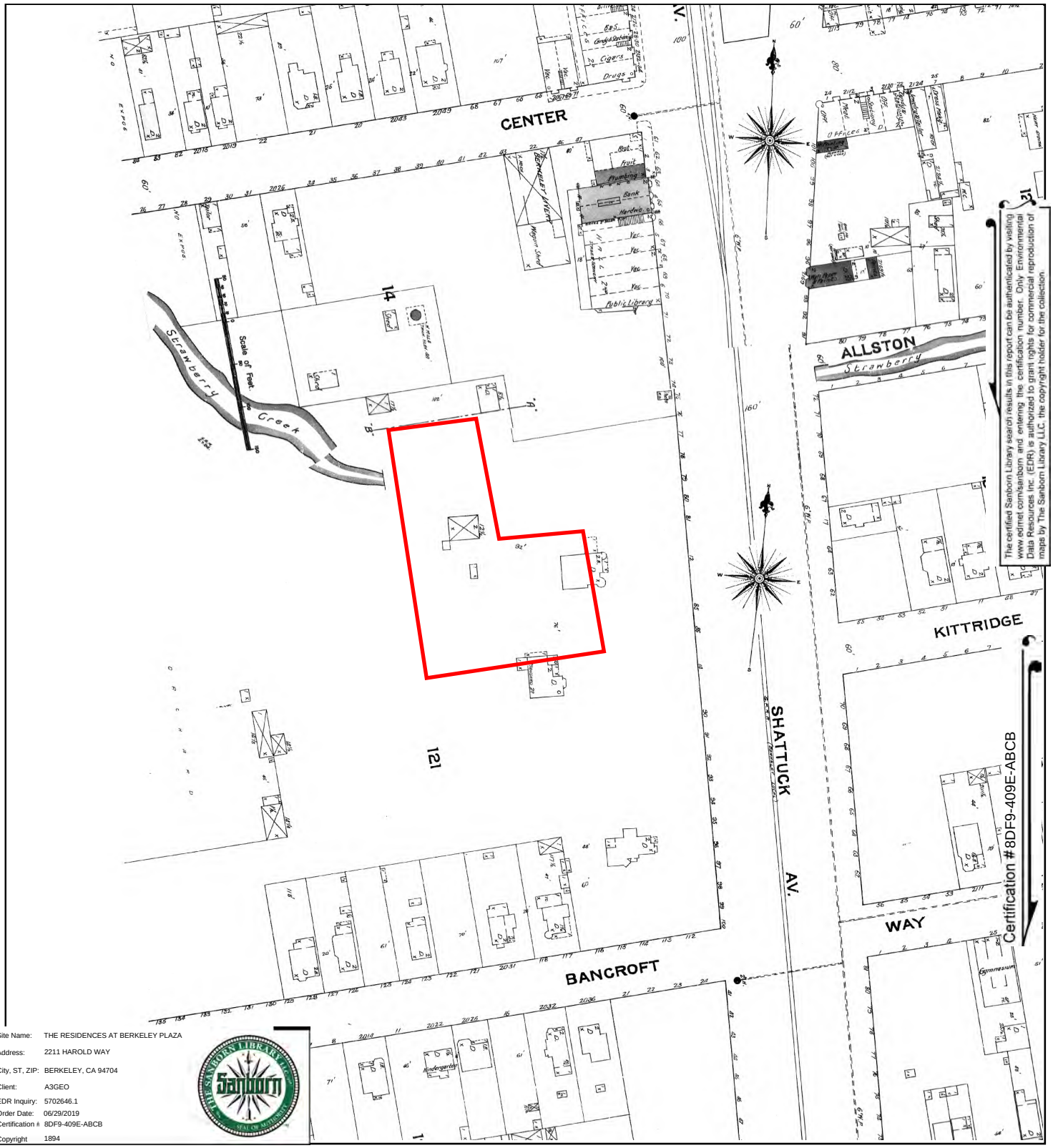
Volume 3, Sheet 349
Volume 3, Sheet 344
Volume 3, Sheet 343

0 Feet 150 300 600

N

Certified Sanborn® Map

1894



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Client: A3GEO
EDR Inquiry: 5702646.1
Order Date: 06/29/2019
Certification #: 8DF9-409E-ABCB
Copyright 1894

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7
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10

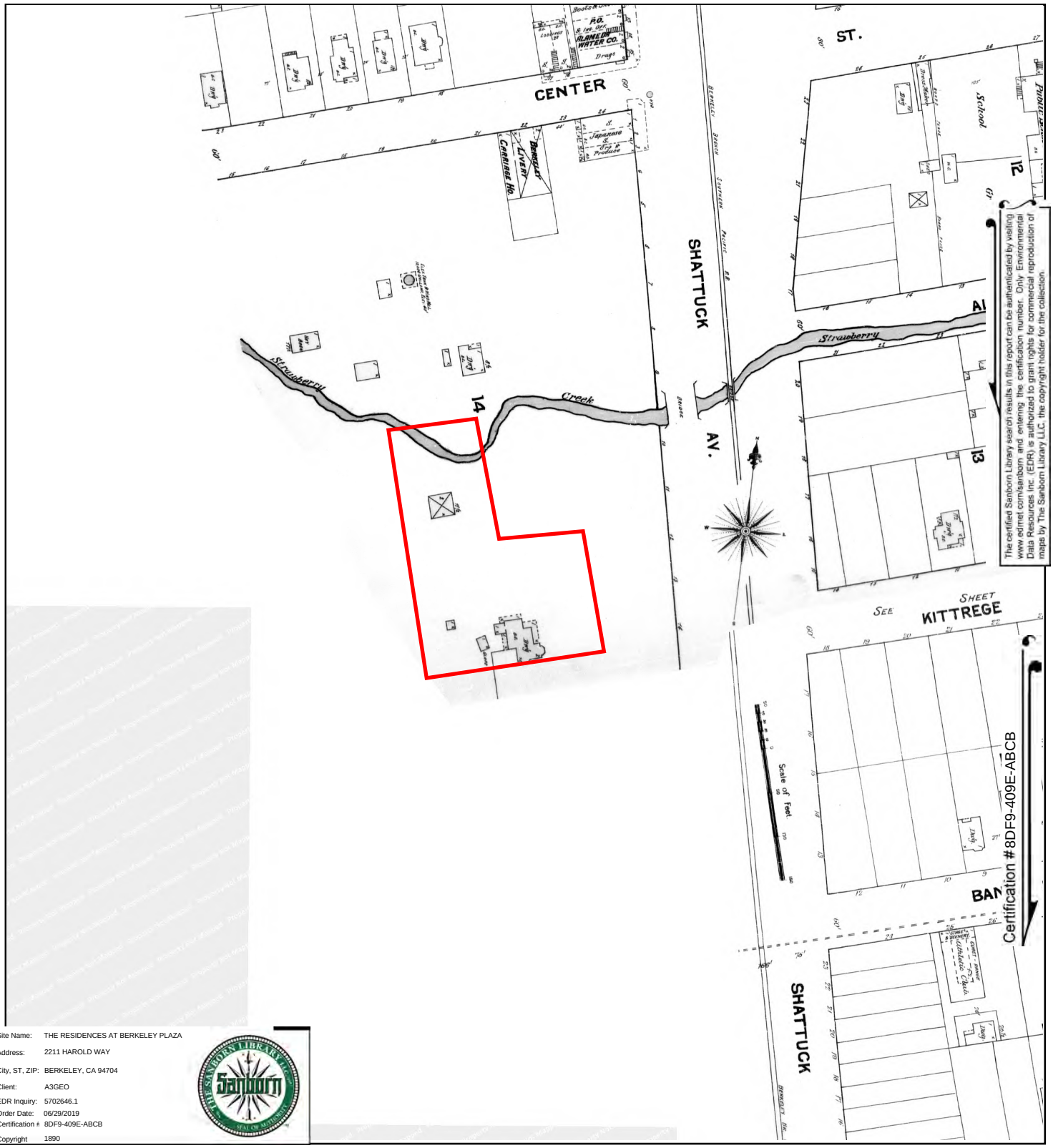
Volume 1, Sheet 1
Volume 1, Sheet 10
Volume 1, Sheet 7

0 Feet 150 300 600

N

Certified Sanborn® Map

1890



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City, ST, ZIP: BERKELEY, CA 94704
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Copyright 1890

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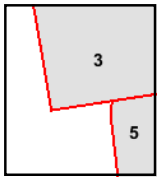

Volume 1, Sheet 3
Volume 1, Sheet 5

0 Feet 150 300 600

N

APPENDIX F

Historical Aerial Photographs

BERKELEY PLAZA
BERKELEY, CALIFORNIA

A
B
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62.5
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Feet
PACIFIC AERIAL SURVEYS
AN ALAN KROPP & ASSCOCIATES, INC. COMPANY
GY-30-34 1930

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PACIFIC AERIAL SURVEYS
AN ALAN KROPP & ASSCOCIATES, INC. COMPANY
AV28-14-28 04-14-50

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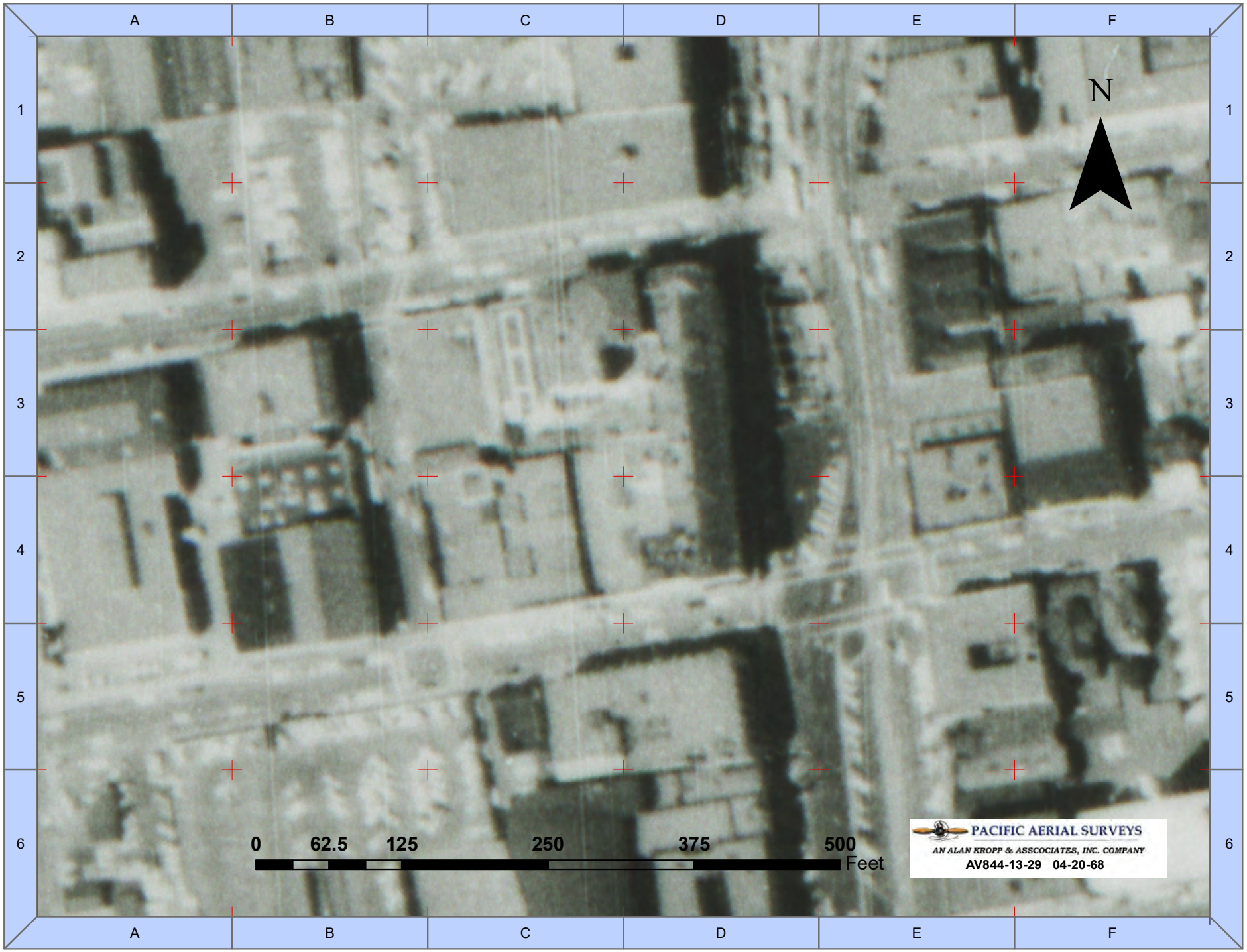
AV710-09-23 04-20-66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Feet
PACIFIC AERIAL SURVEYS
AN ALAN KROPP & ASSCOCIATES, INC. COMPANY
AV844-13-29 04-20-68

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62.5
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Feet
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AN ALAN KROPP & ASSCOCIATES, INC. COMPANY
AV902-08-15 05-02-69

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500
Feet
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AV1750-08-19 09-06-79

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Feet
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AV4625-09-20 11-29-94

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500
Feet
PACIFIC AERIAL SURVEYS
AN ALAN KROPP & ASSCOCIATES, INC. COMPANY
KAV9010-33-02 03-07-05

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500
Feet
PACIFIC AERIAL SURVEYS
AN ALAN KROPP & ASSCOCIATES, INC. COMPANY
Harold Way Berkeley - February 2015

APPENDIX G

Liquefaction Analyses

BERKELEY PLAZA
BERKELEY, CALIFORNIA

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CPT-2 results
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CPT-3 results
Summary data report 8

CPT-4 results
Summary data report 15

CPT-5 results
Summary data report 22

A3GEO, Inc.
821 Bancroft Way
Berkeley, CA 94710

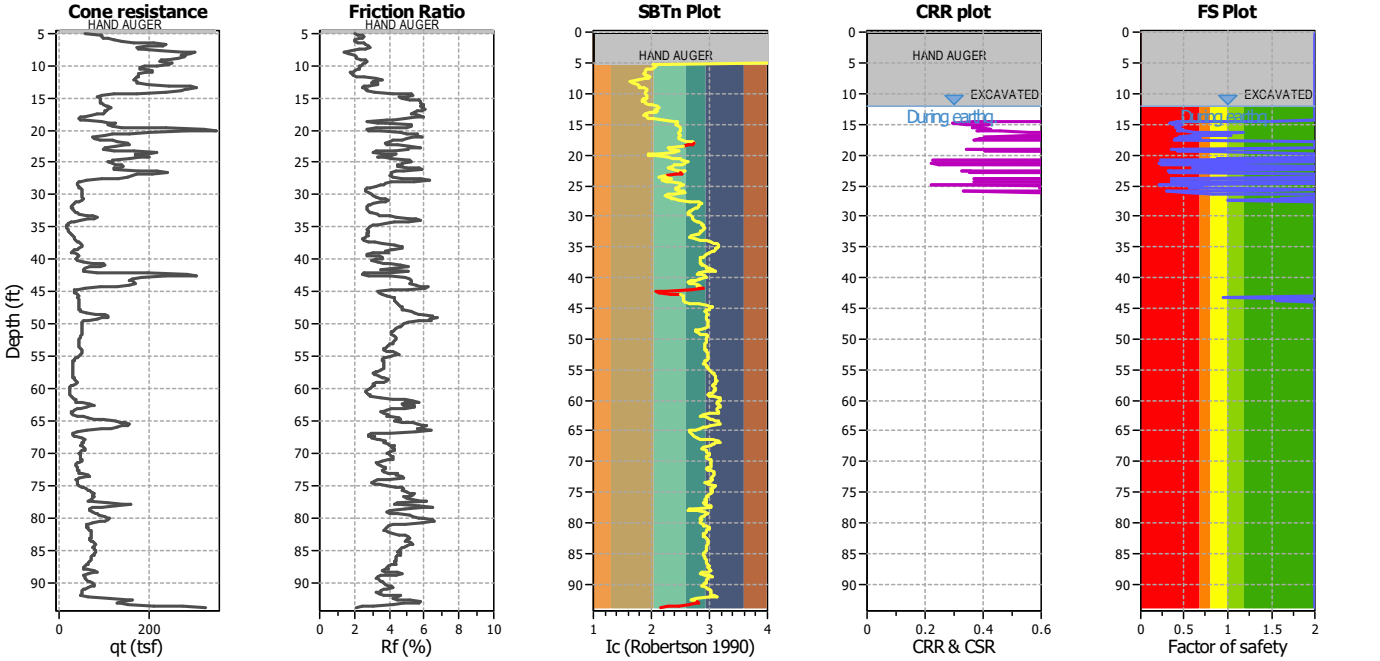
LIQUEFACTION ANALYSIS REPORT

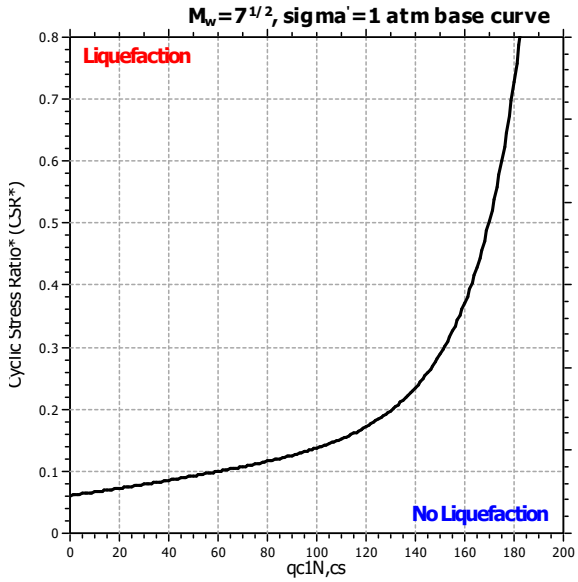
Project title : 1114-10A - Berkeley Plaza **Location :**

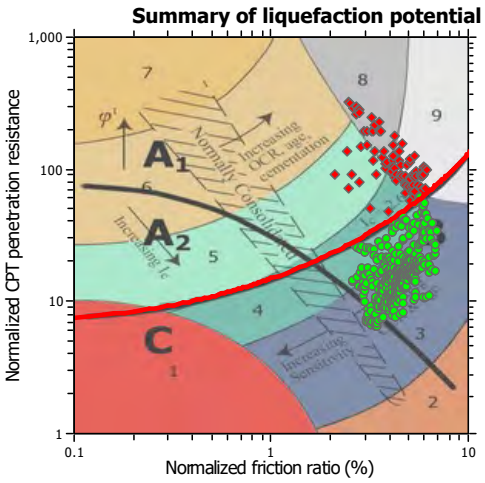
CPT file : CPT-2

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	35.00 ft	Excavation:	Yes	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Excavation depth:	12.00 ft	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Footing load:	1.00 tsf	Limit depth:	N/A
Earthquake magnitude M_w:	7.33	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method based
Peak ground acceleration:	1.01	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		





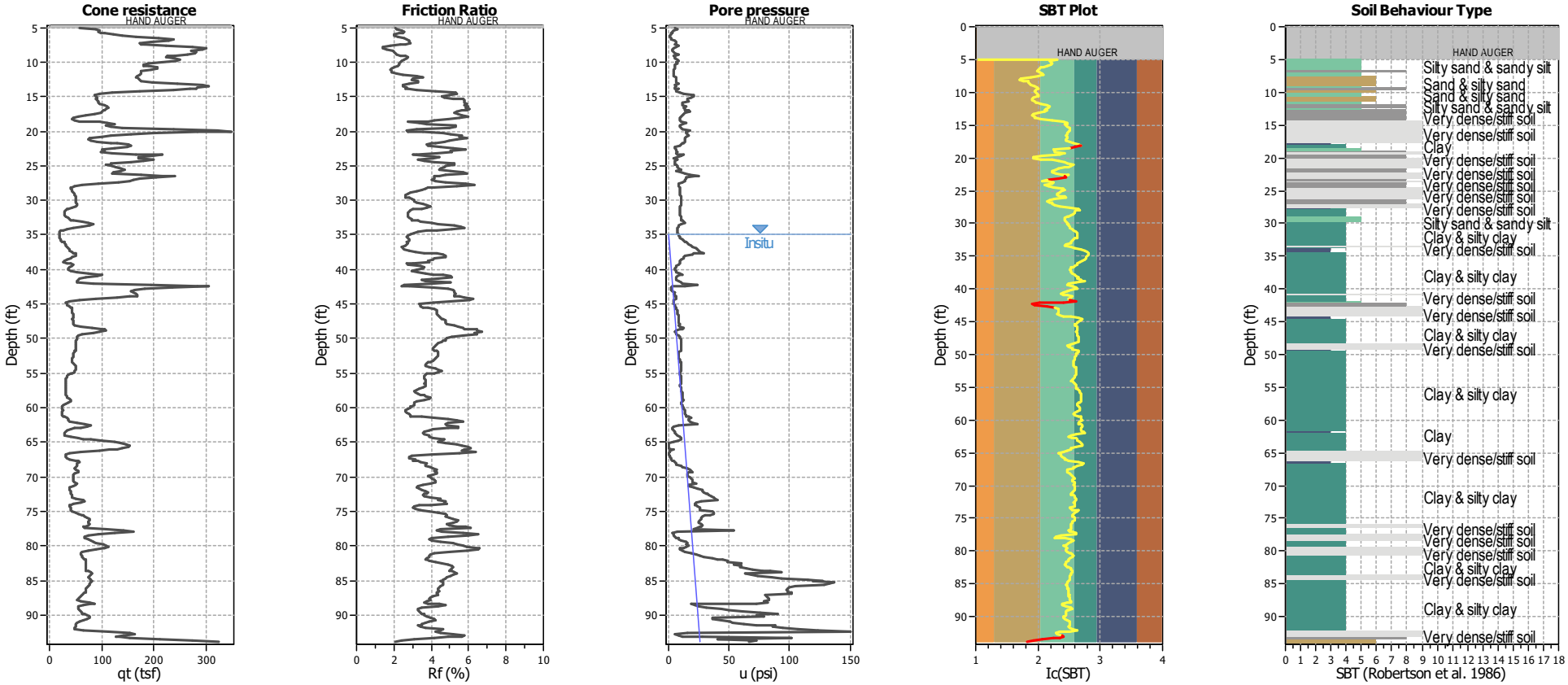


Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

This software is licensed to: A3GEO

CPT name: CPT-2

CPT basic interpretation plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

SBT legend

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

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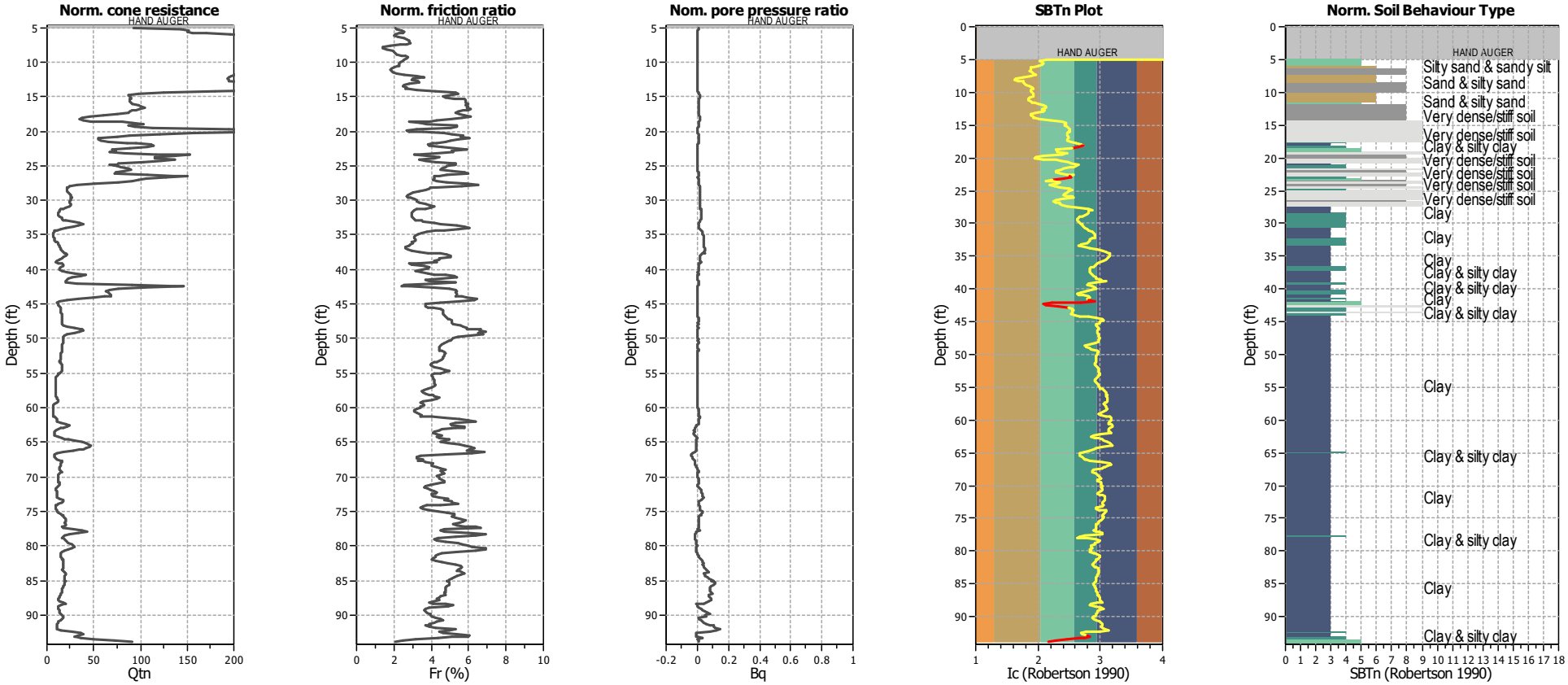
CPT basic interpretation plots (normalized)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

SBTn legend

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

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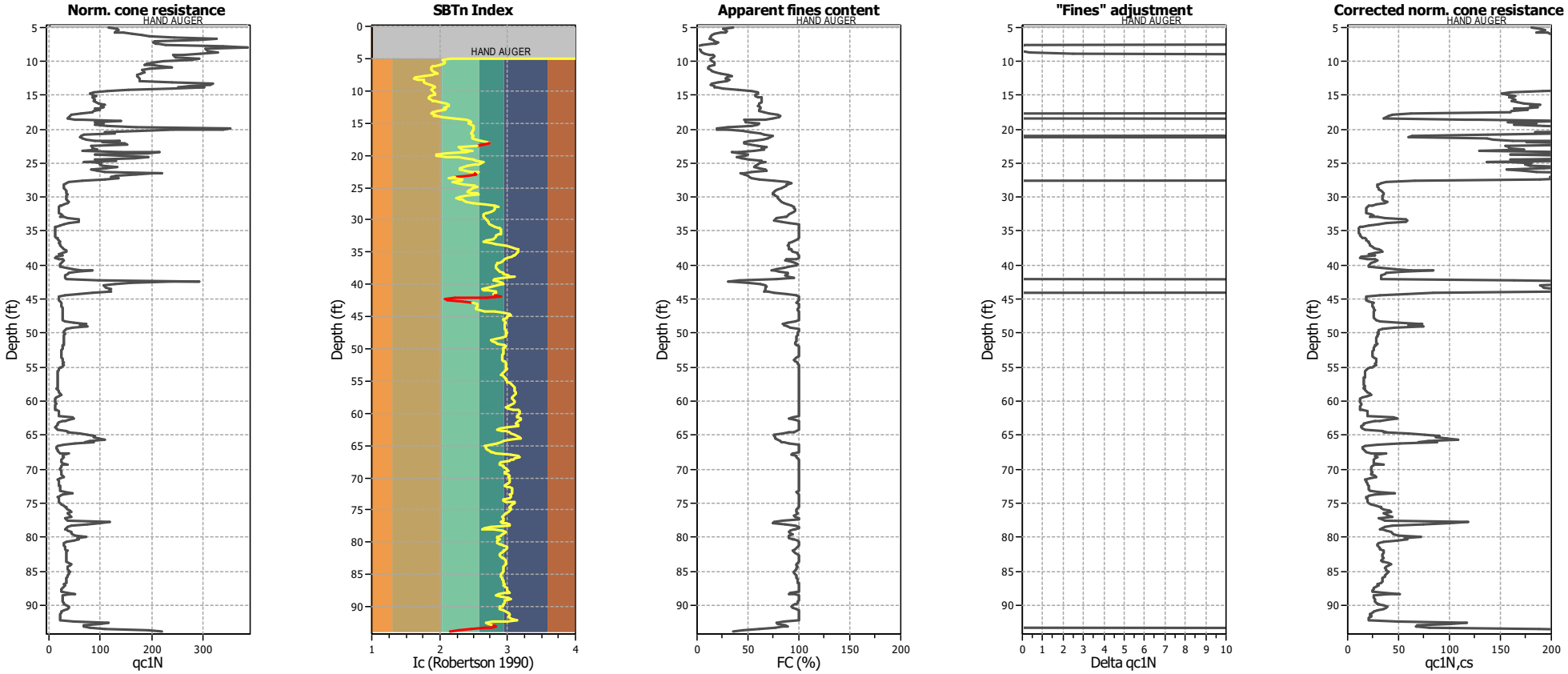
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

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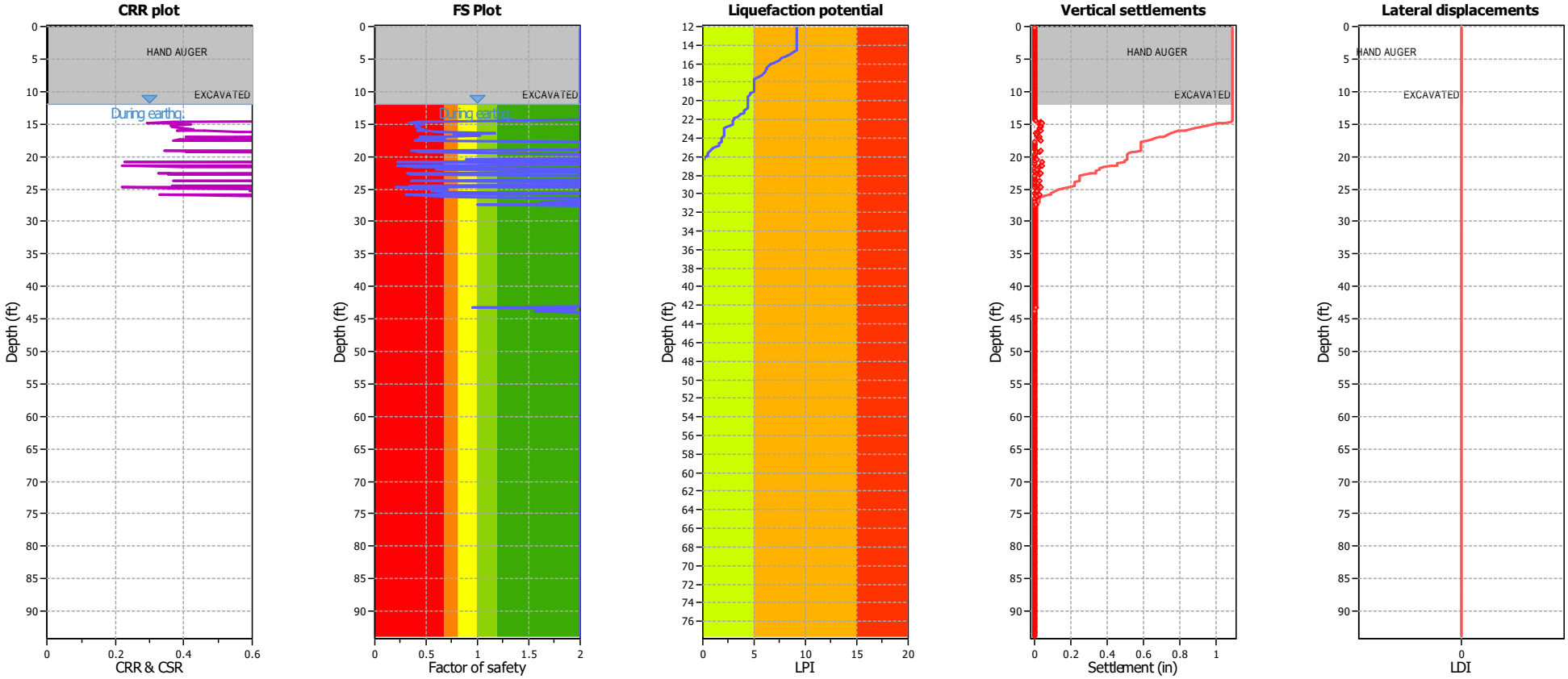
Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

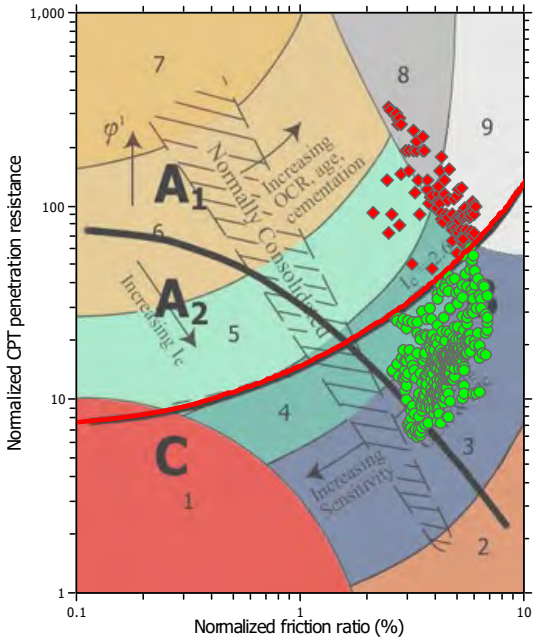
F.S. color scheme

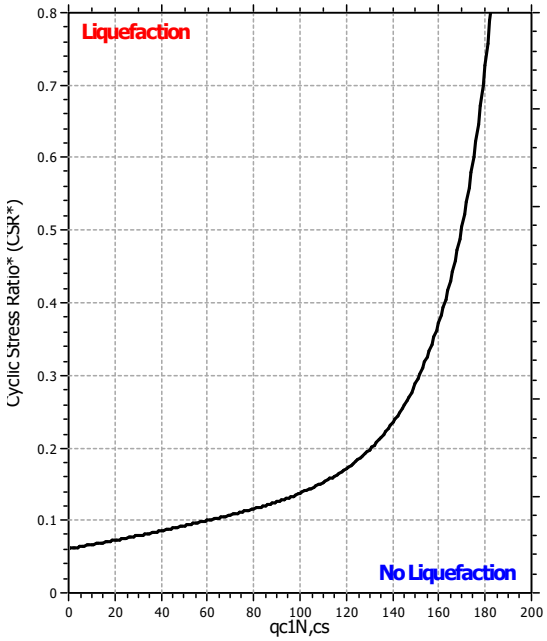
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

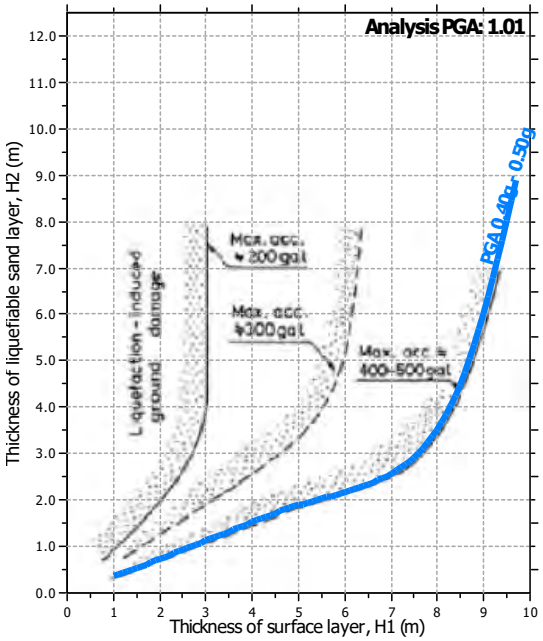
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots







Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

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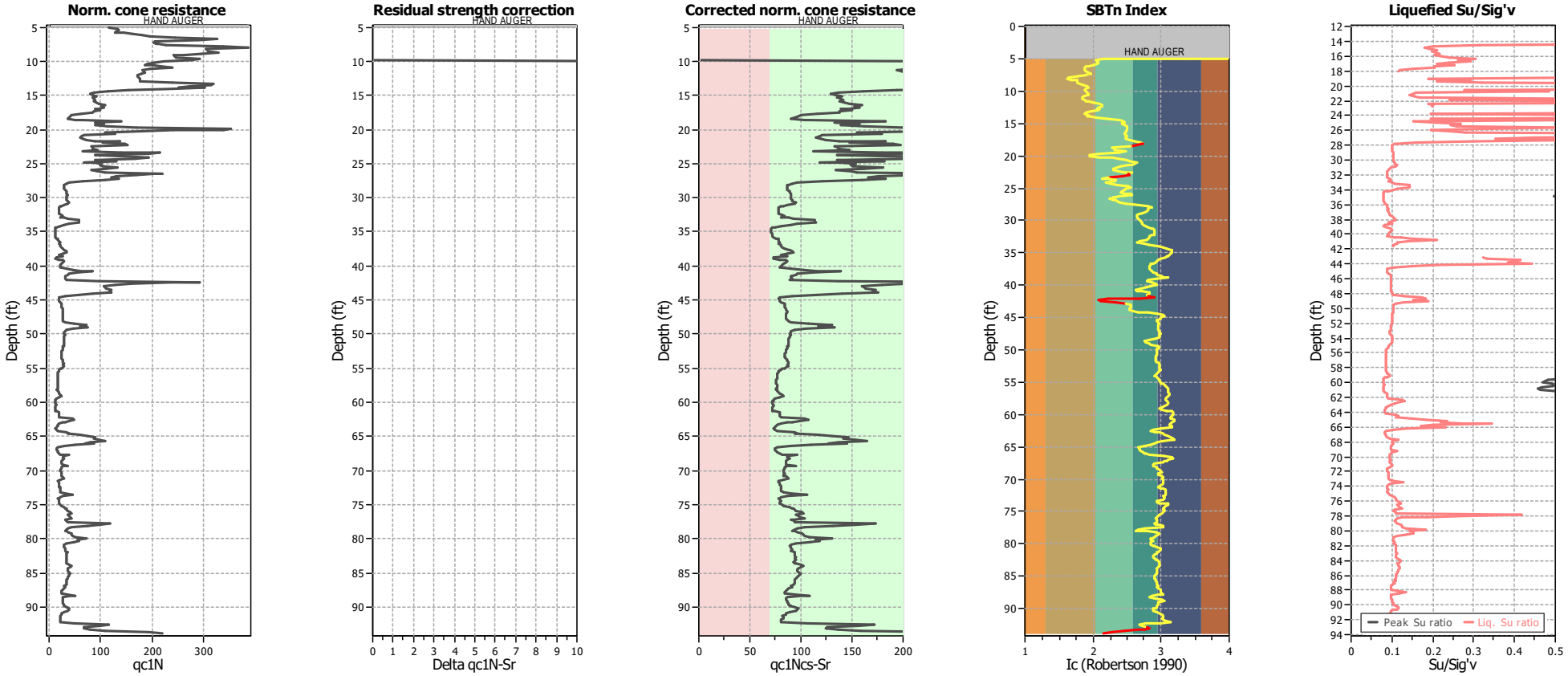
Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

A3GEO, Inc.
821 Bancroft Way
Berkeley, CA 94710

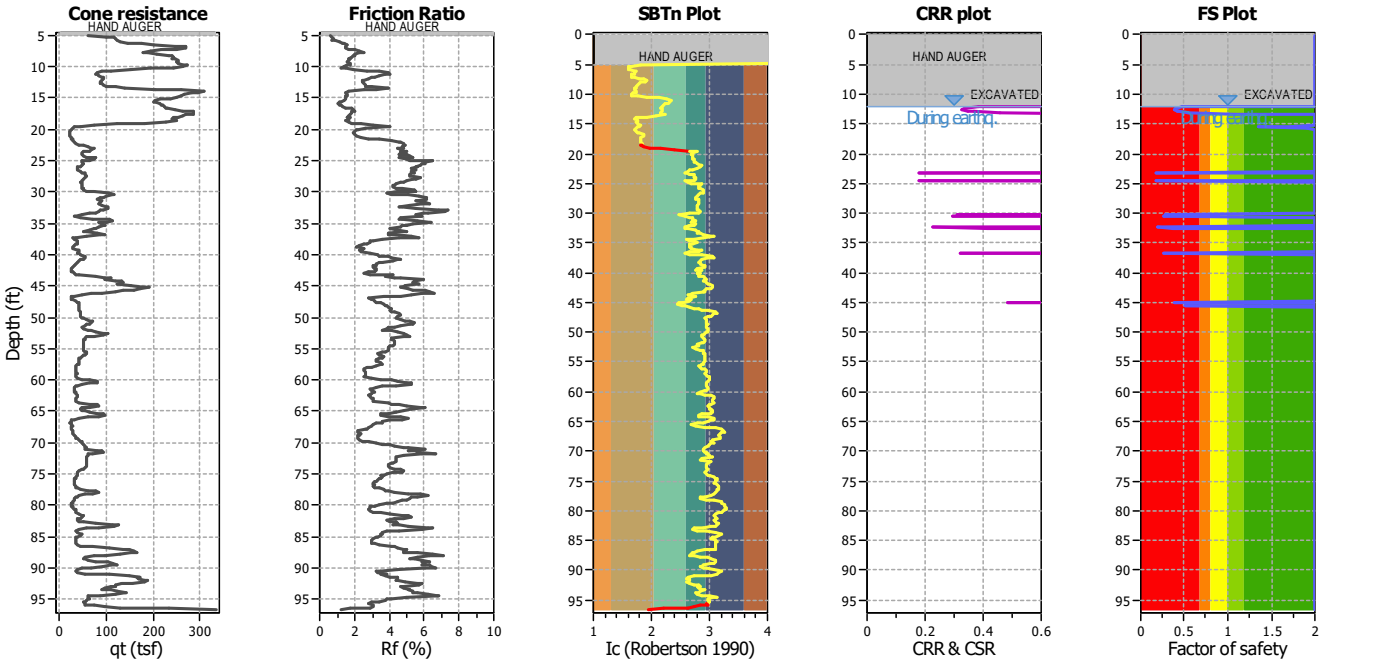
LIQUEFACTION ANALYSIS REPORT

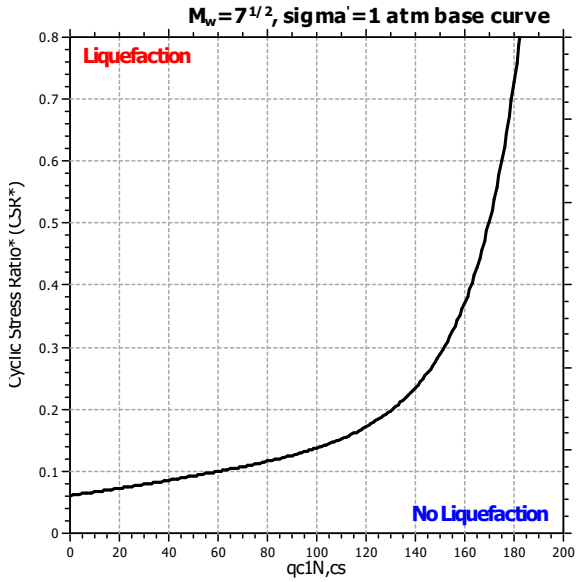
Project title : 1114-10A - Berkeley Plaza **Location :**

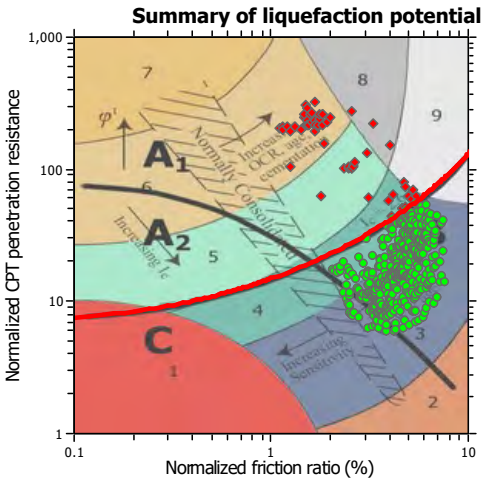
CPT file : CPT-3

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	35.00 ft	Excavation:	Yes	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Excavation depth:	12.00 ft	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Footing load:	1.00 tsf	Limit depth:	N/A
Earthquake magnitude M_w:	7.33	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method based
Peak ground acceleration:	1.01	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		







Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

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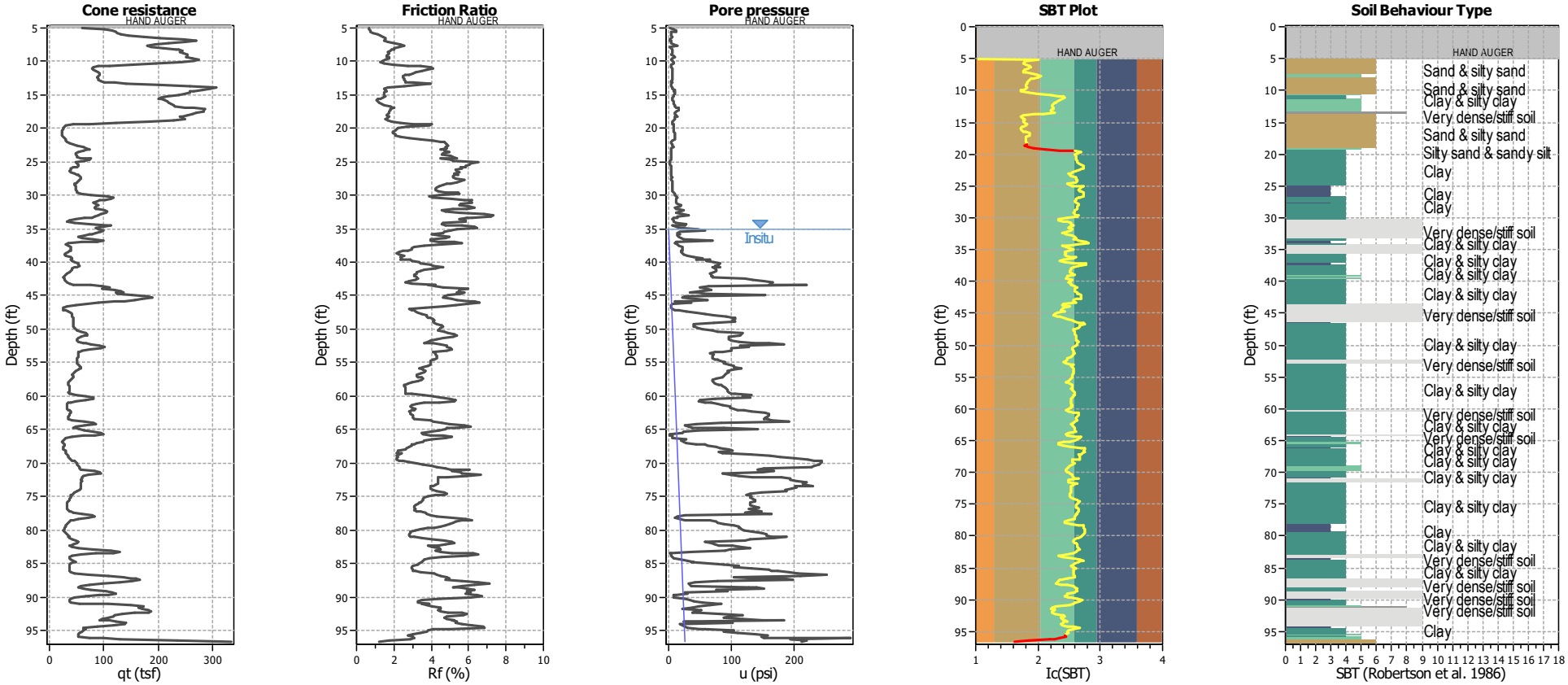
CPT basic interpretation plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

SBT legend

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

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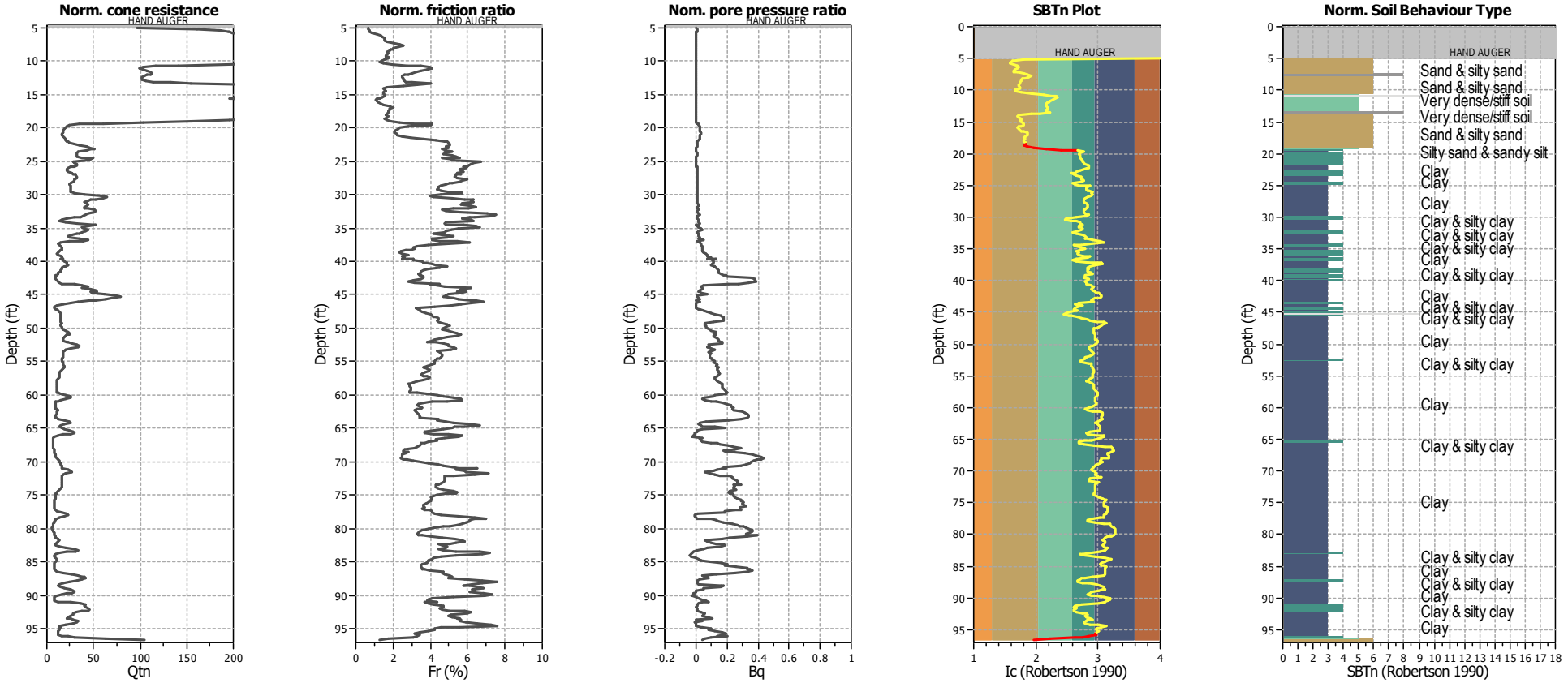
CPT basic interpretation plots (normalized)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

SBTn legend

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

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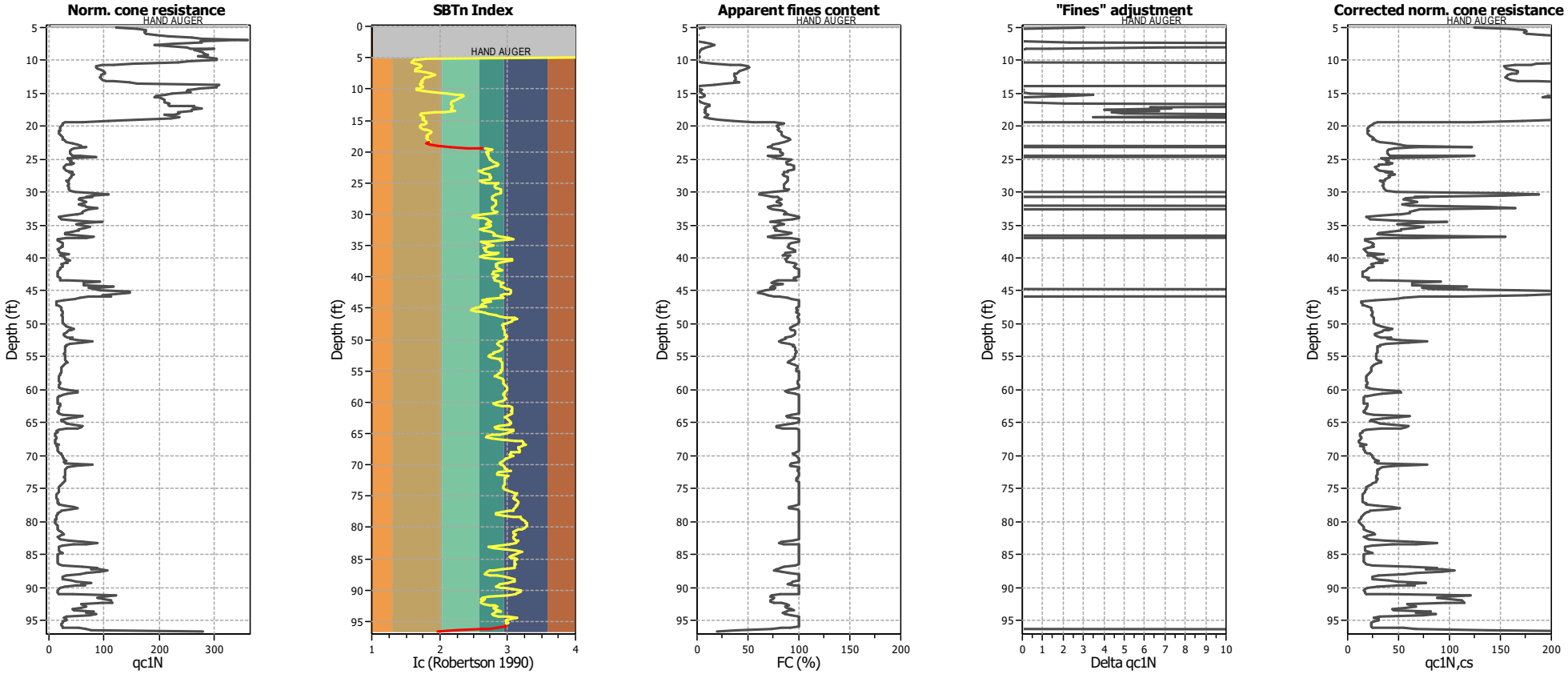
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

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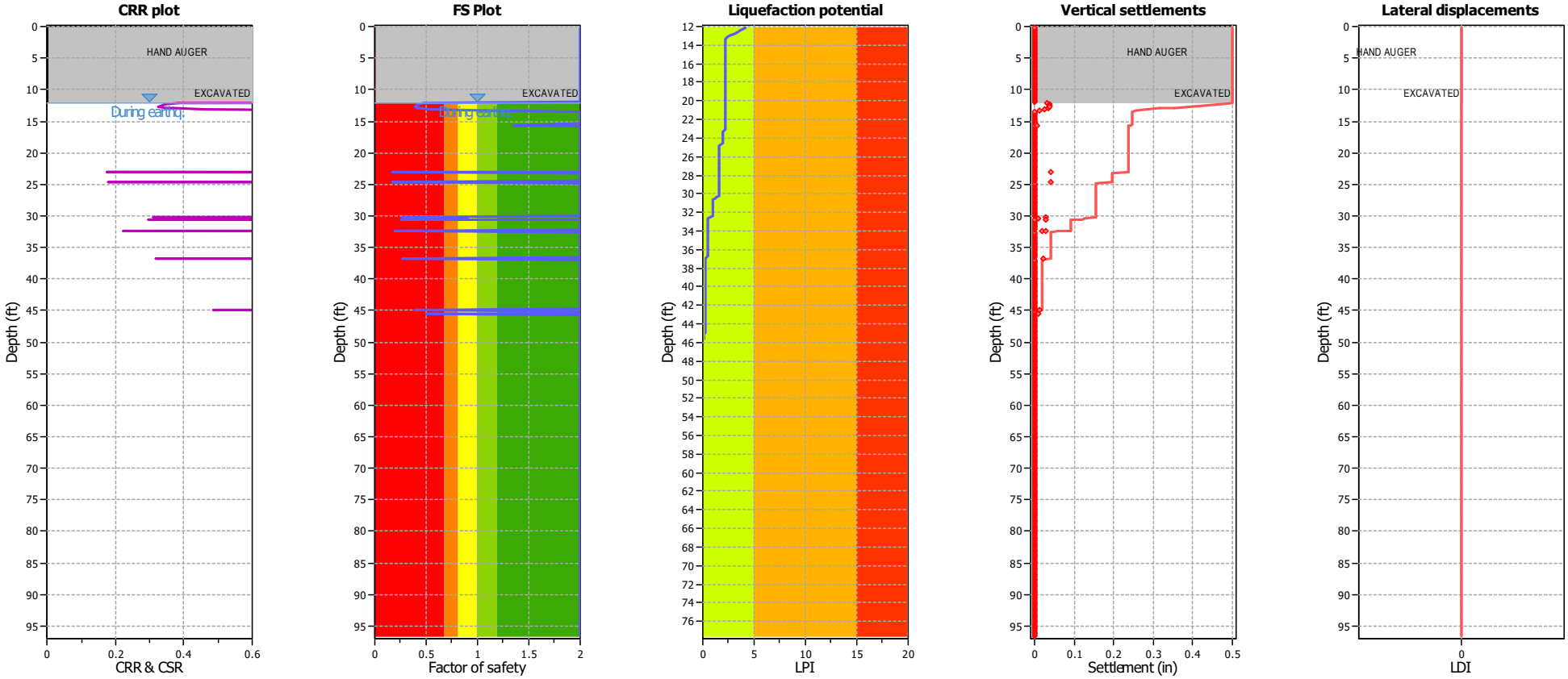
Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

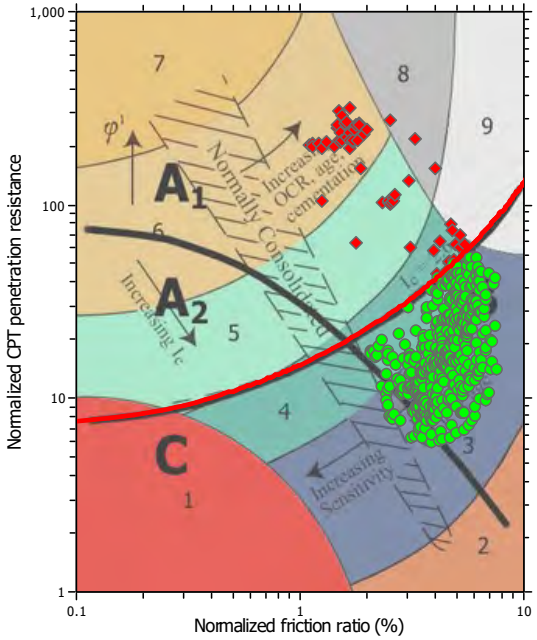
F.S. color scheme

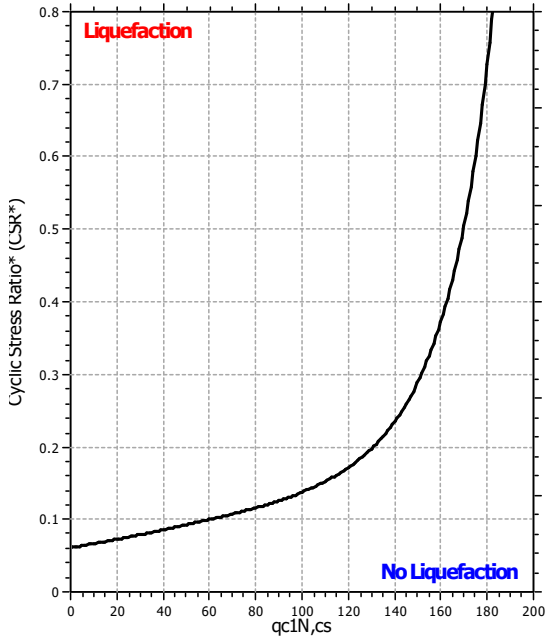
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

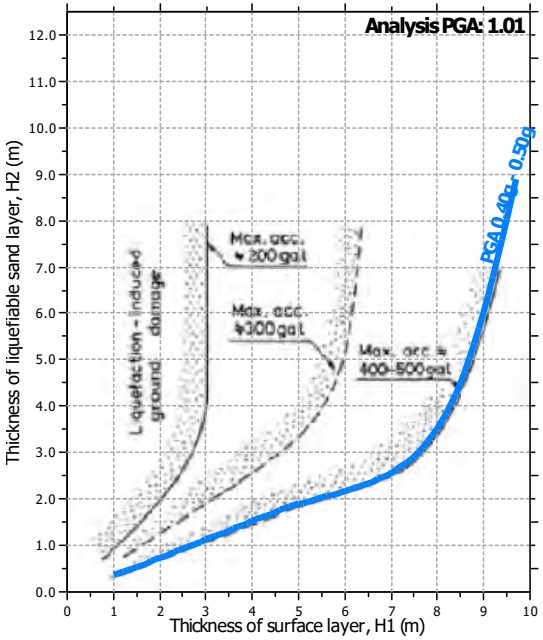
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots







Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

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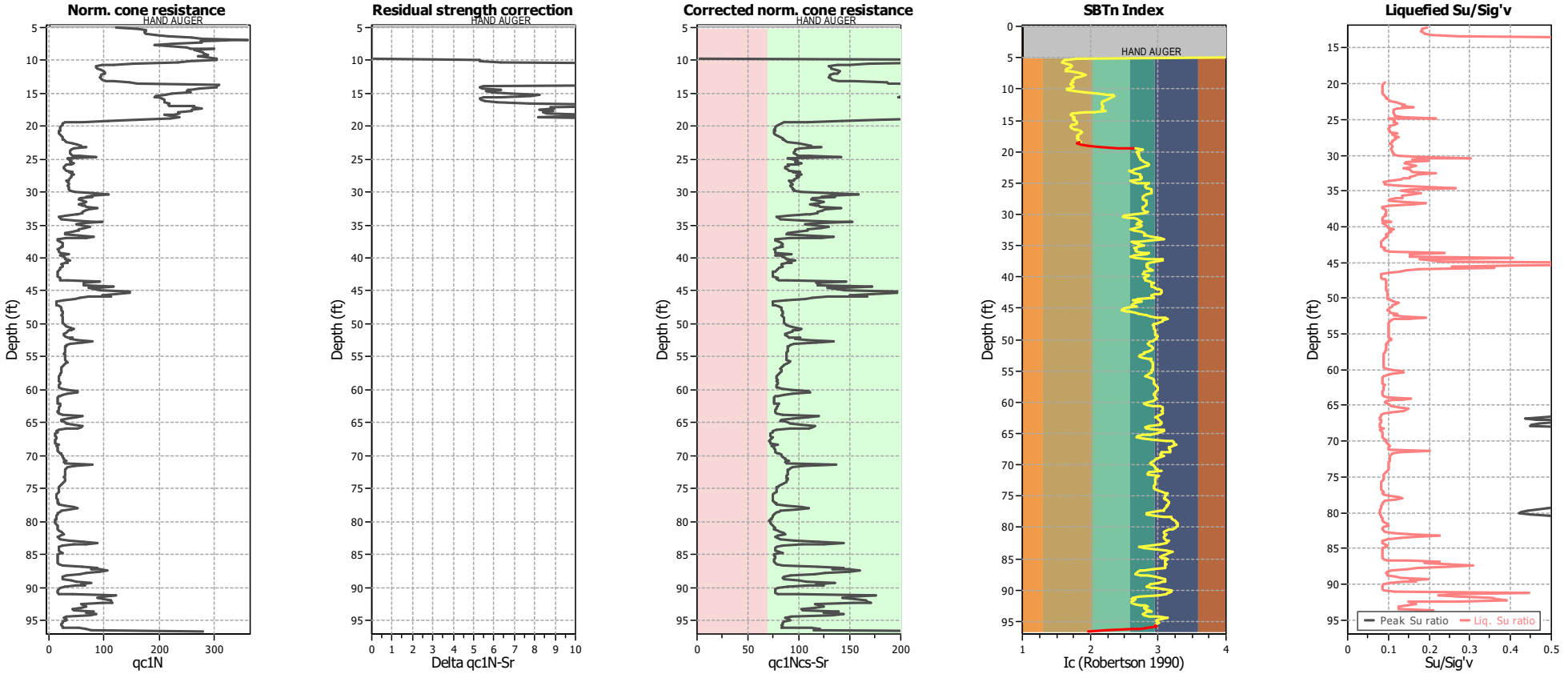
Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

A3GEO, Inc.
821 Bancroft Way
Berkeley, CA 94710

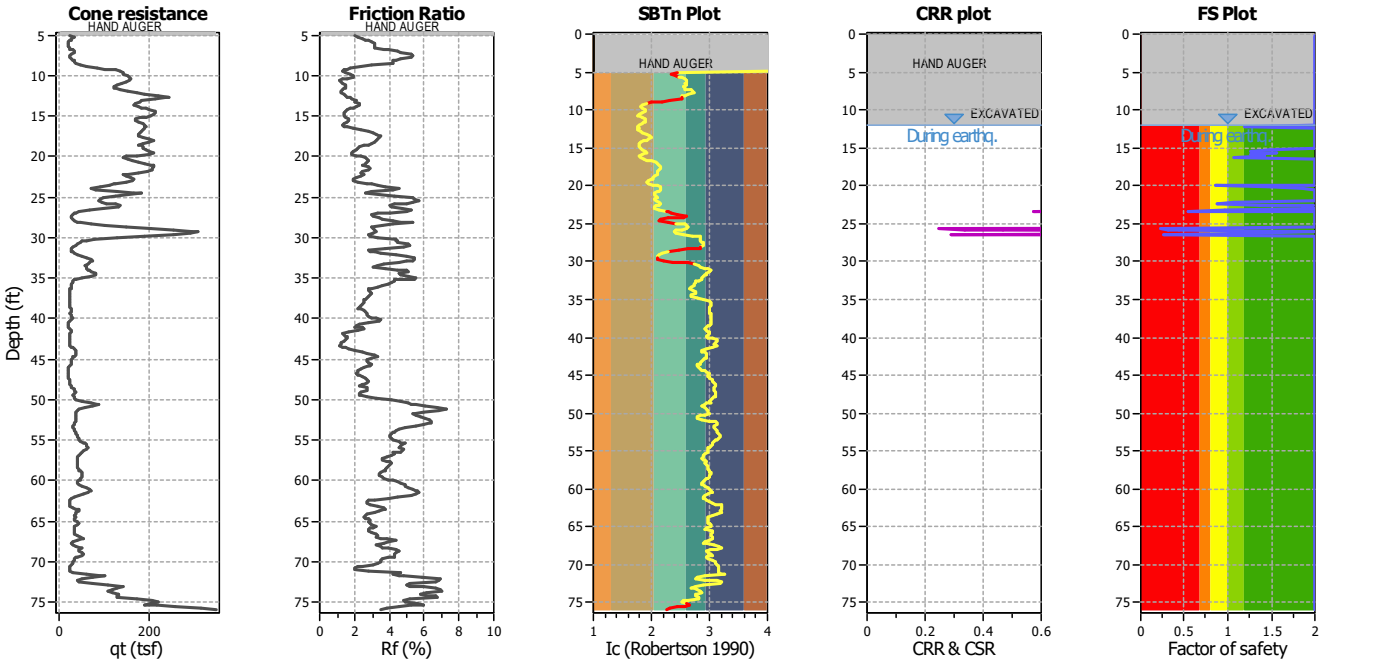
LIQUEFACTION ANALYSIS REPORT

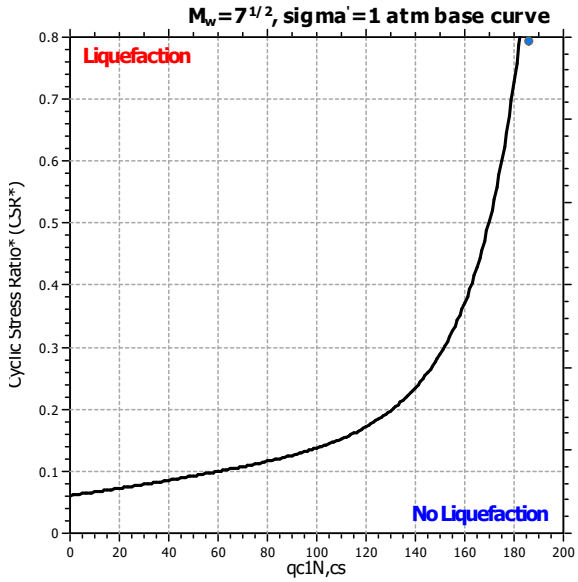
Project title : 1114-10A - Berkeley Plaza **Location :**

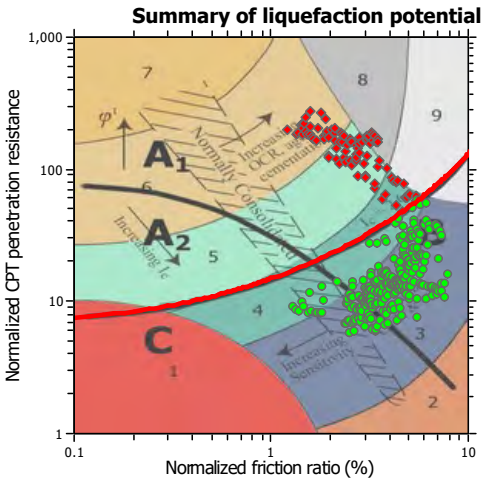
CPT file : CPT-4

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	35.00 ft	Excavation:	Yes	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Excavation depth:	12.00 ft	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Footing load:	1.00 tsf	Limit depth:	N/A
Earthquake magnitude M_w:	7.33	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method based
Peak ground acceleration:	1.01	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		



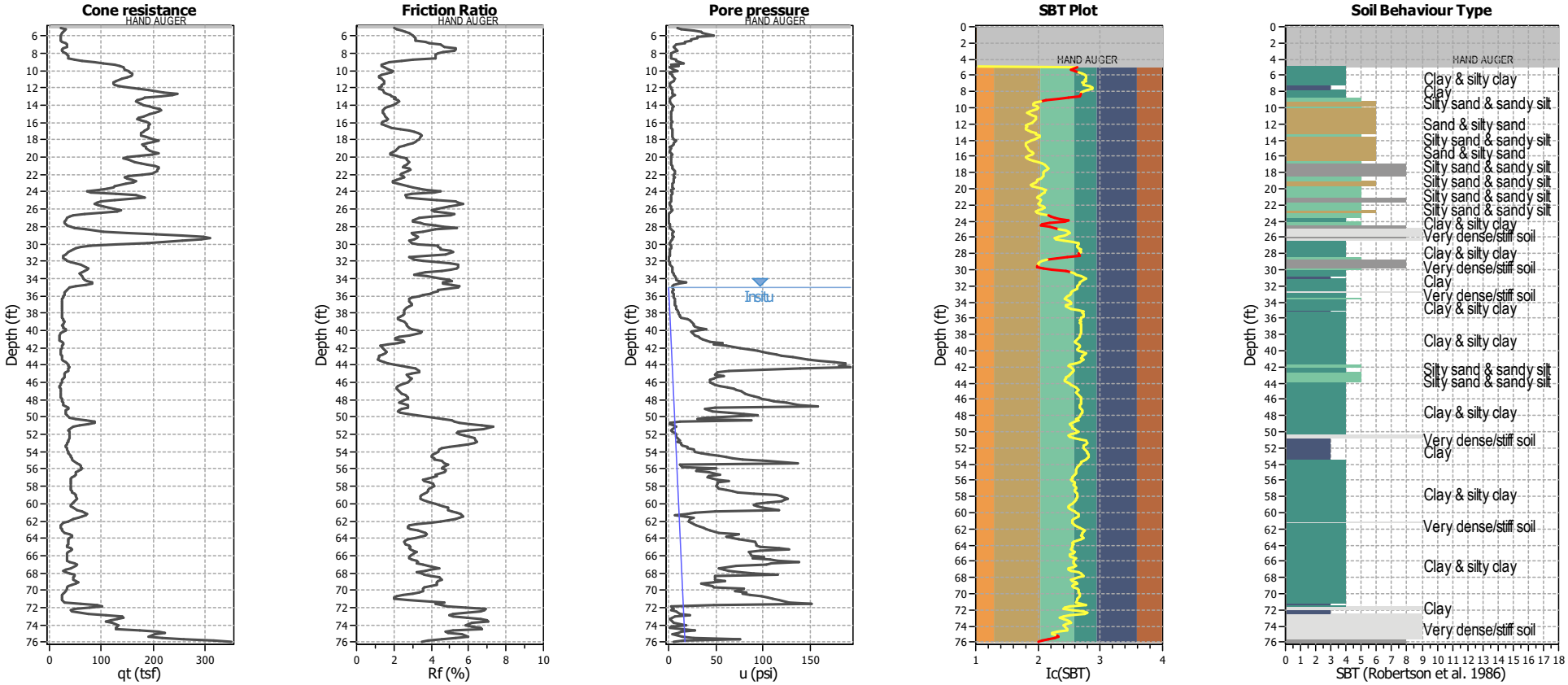




Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

This software is licensed to: A3GEO

CPT basic interpretation plots



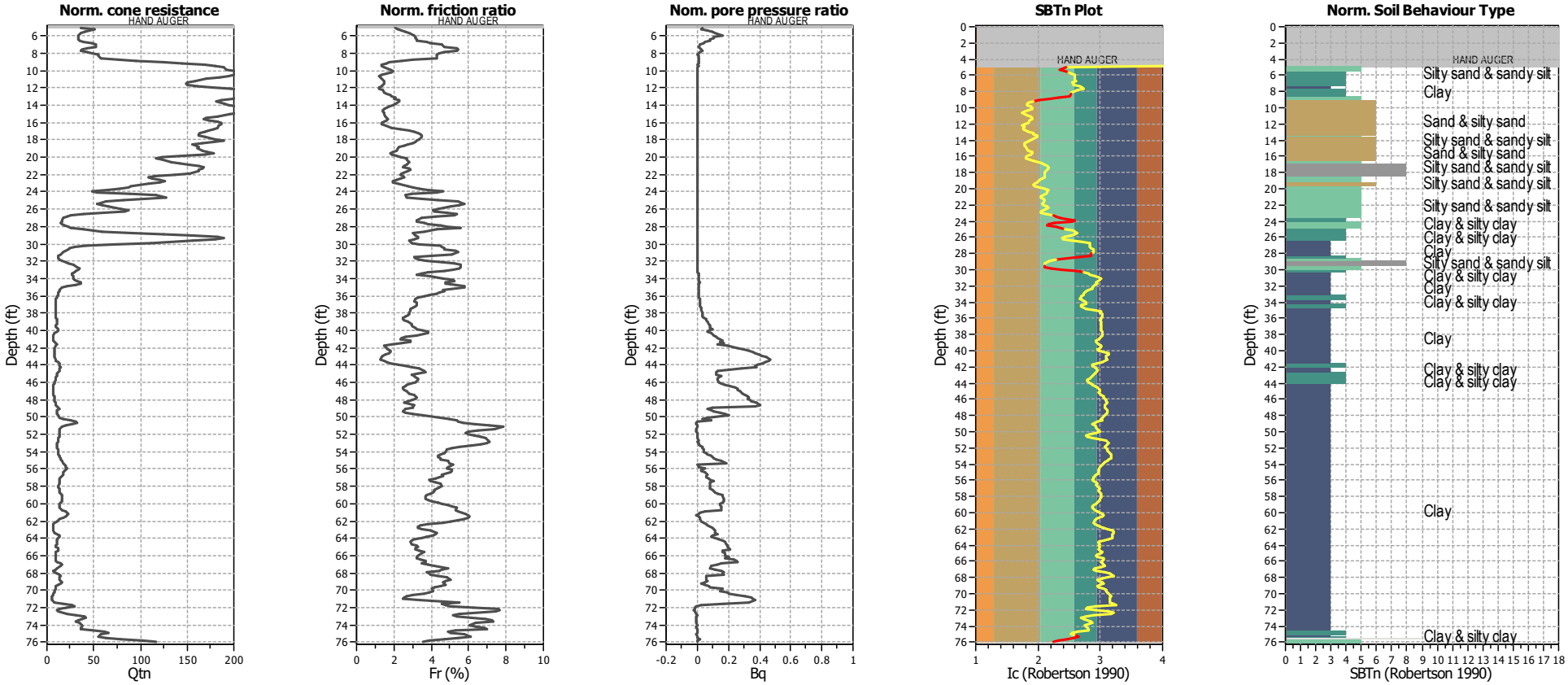
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

SBT legend

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

CPT basic interpretation plots (normalized)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

SBTn legend

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

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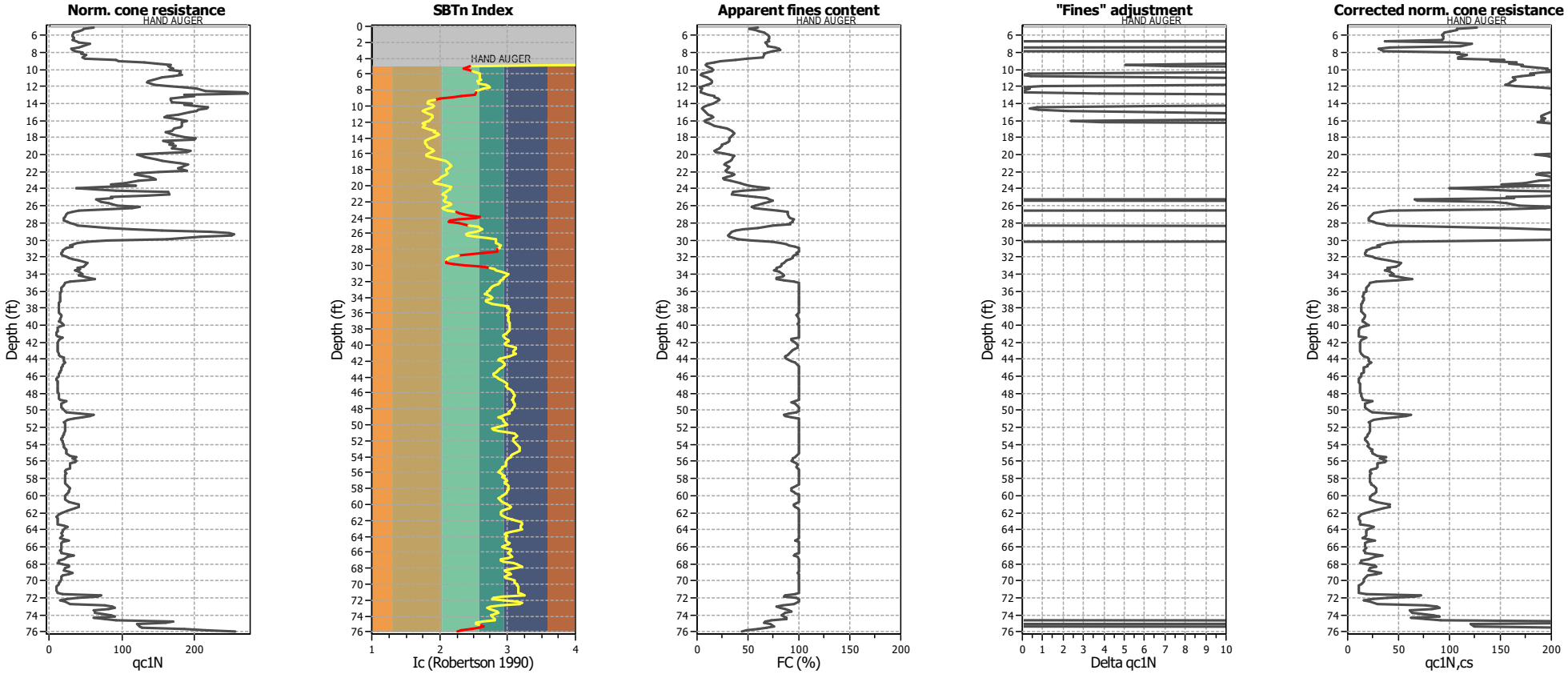
Liquefaction analysis overall plots (intermediate results)

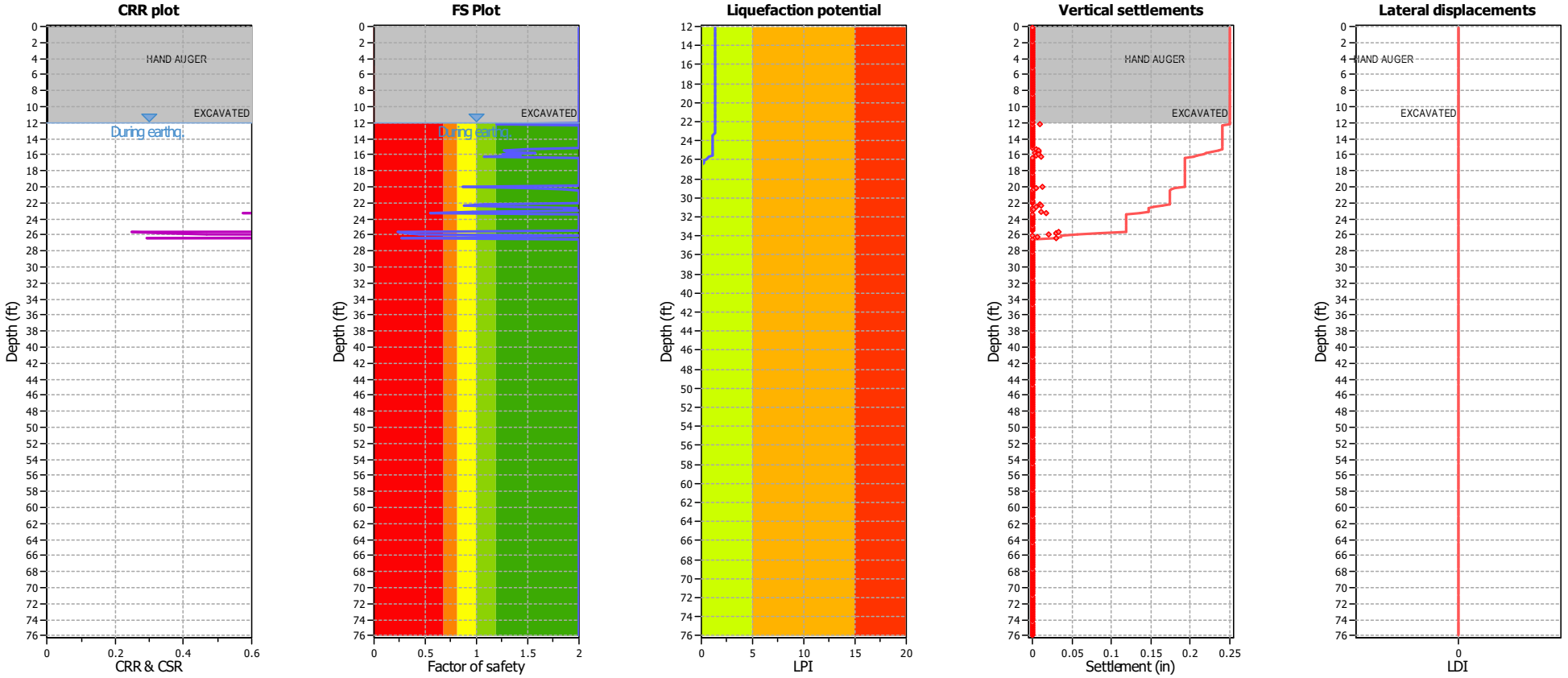


Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

This software is licensed to: A3GEO

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

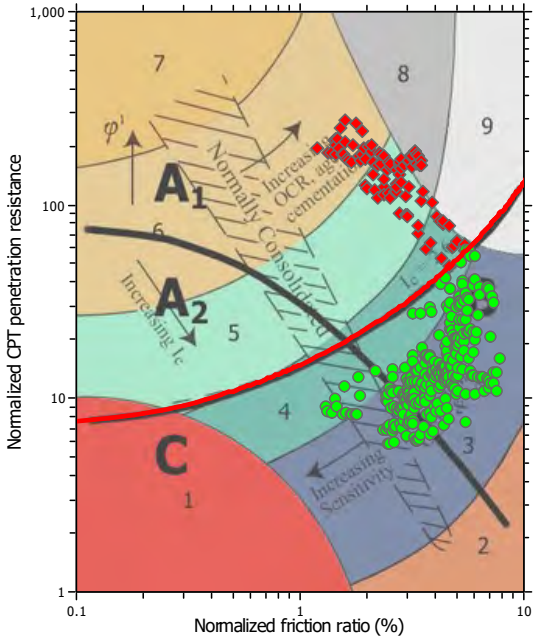
F.S. color scheme

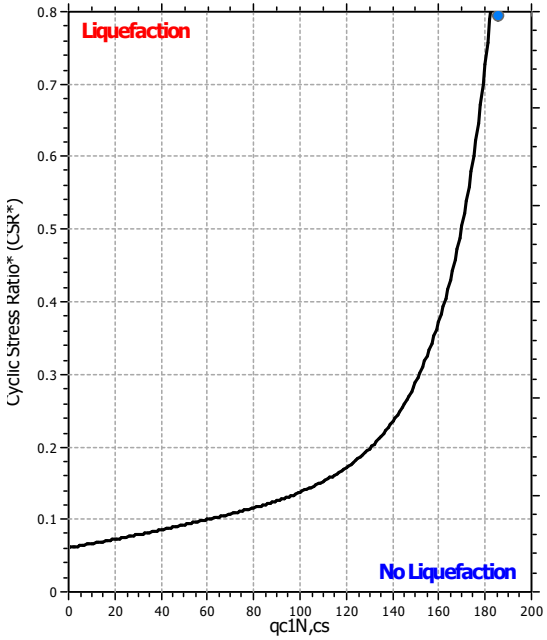
- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
- Almost certain it will not liquefy

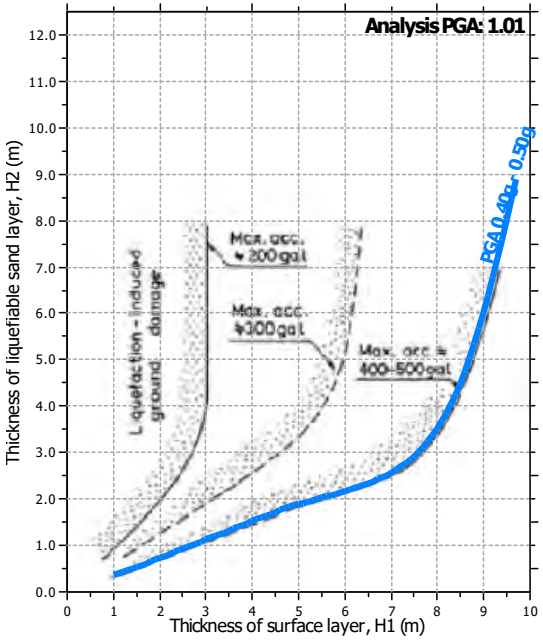
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots







Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

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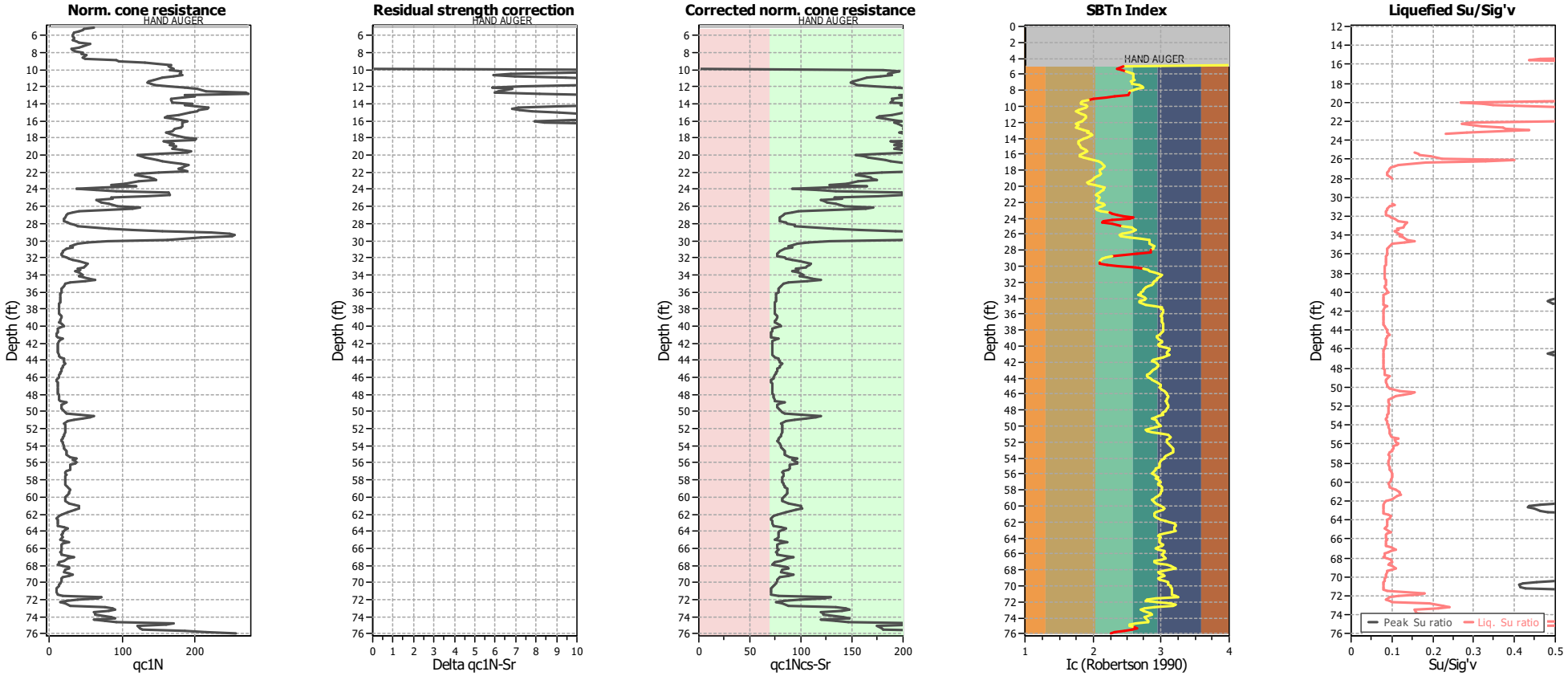
Check for strength loss plots (Idriss & Boulanger (2008))



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

A3GEO, Inc.
821 Bancroft Way
Berkeley, CA 94710

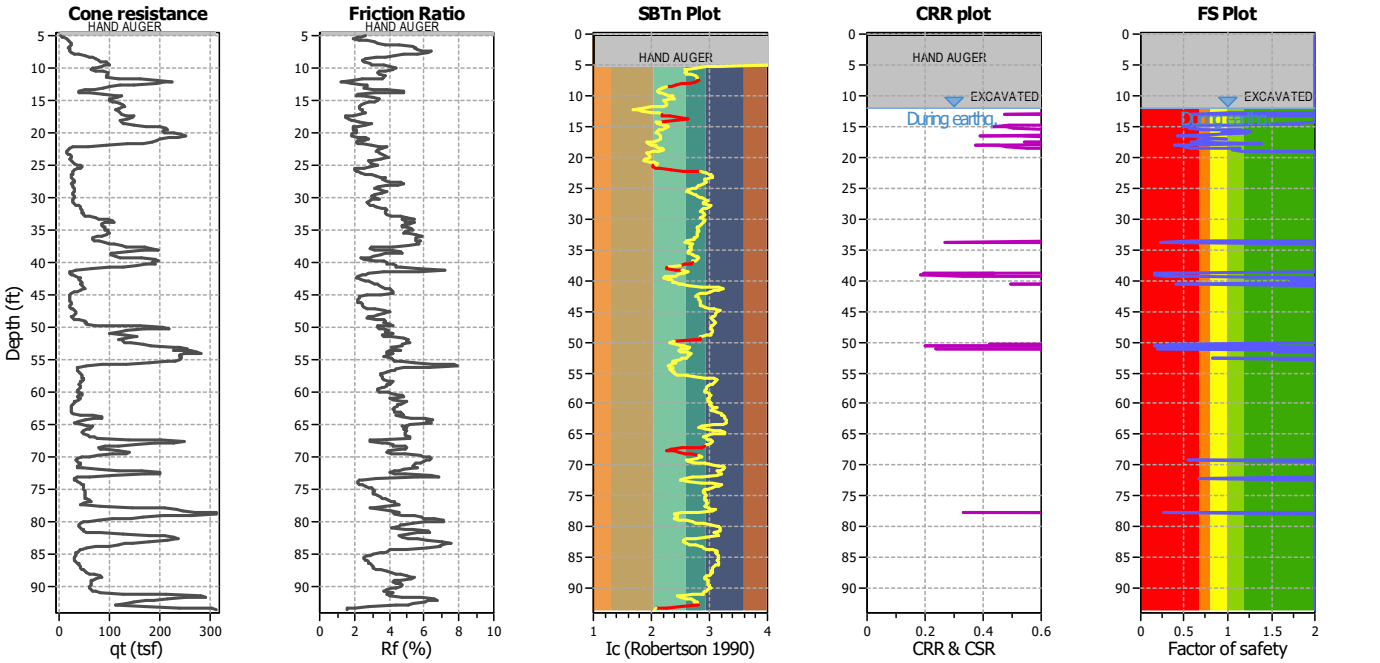
LIQUEFACTION ANALYSIS REPORT

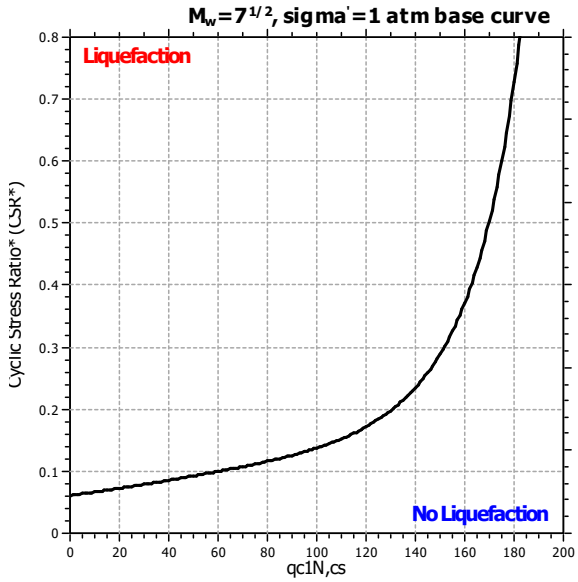
Project title : 1114-10A - Berkeley Plaza **Location :**

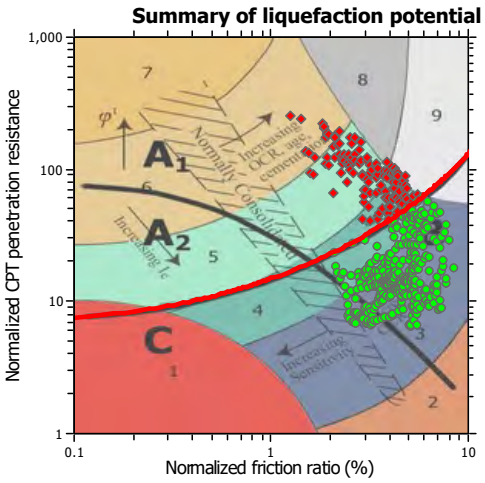
CPT file : CPT-5

Input parameters and analysis data

Analysis method:	B&I (2014)	G.W.T. (in-situ):	35.00 ft	Excavation:	Yes	Clay like behavior applied:	Sands only
Fines correction method:	B&I (2014)	G.W.T. (earthq.):	12.00 ft	Excavation depth:	12.00 ft	Limit depth applied:	No
Points to test:	Based on Ic value	Average results interval:	3	Footing load:	1.00 tsf	Limit depth:	N/A
Earthquake magnitude M_w:	7.33	Ic cut-off value:	2.60	Trans. detect. applied:	Yes	MSF method:	Method based
Peak ground acceleration:	1.01	Unit weight calculation:	Based on SBT	K_σ applied:	Yes		







Zone A_1: Cyclic liquefaction likely depending on size and duration of cyclic loading
Zone A_2: Cyclic liquefaction and strength loss likely depending on loading and ground geometry
Zone B: Liquefaction and post-earthquake strength loss unlikely, check cyclic softening
Zone C: Cyclic liquefaction and strength loss possible depending on soil plasticity, brittleness/sensitivity, strain to peak undrained strength and ground geometry

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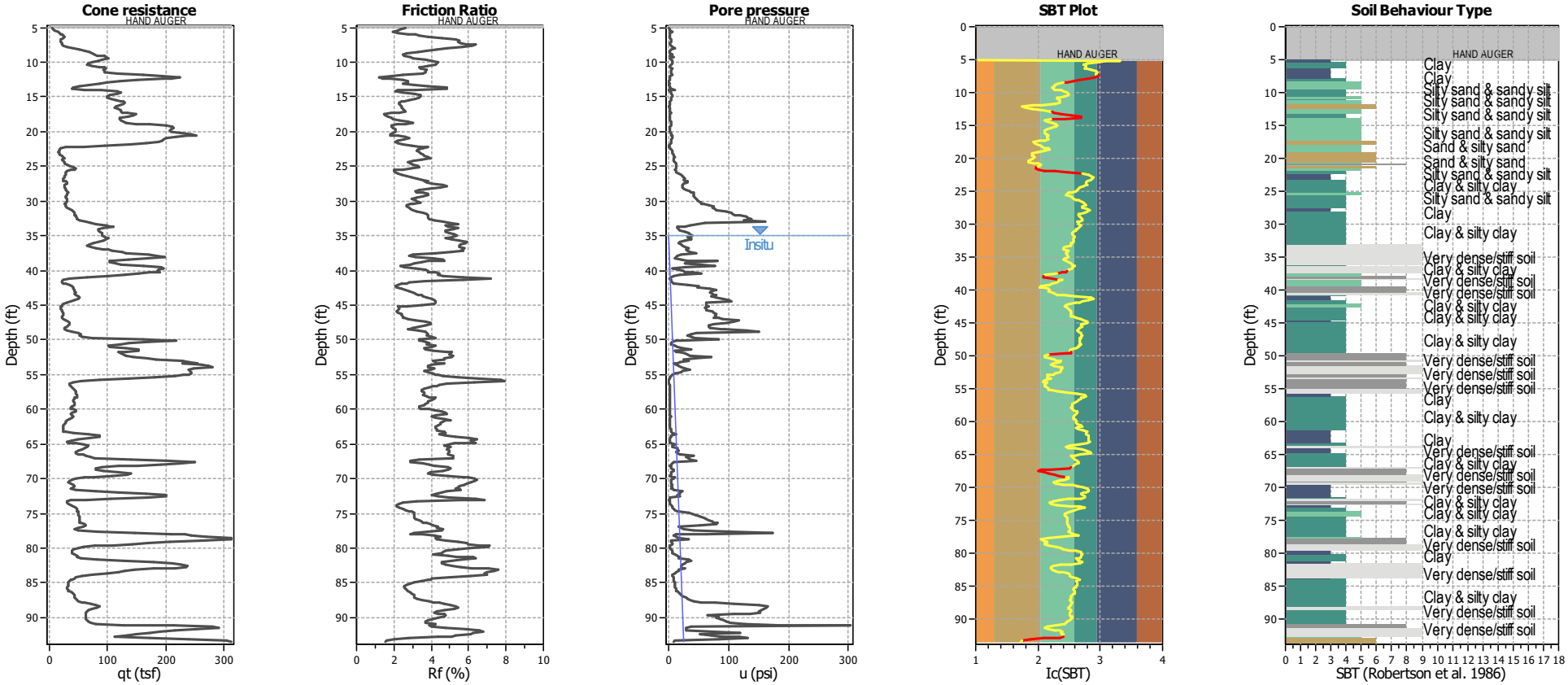
CPT basic interpretation plots



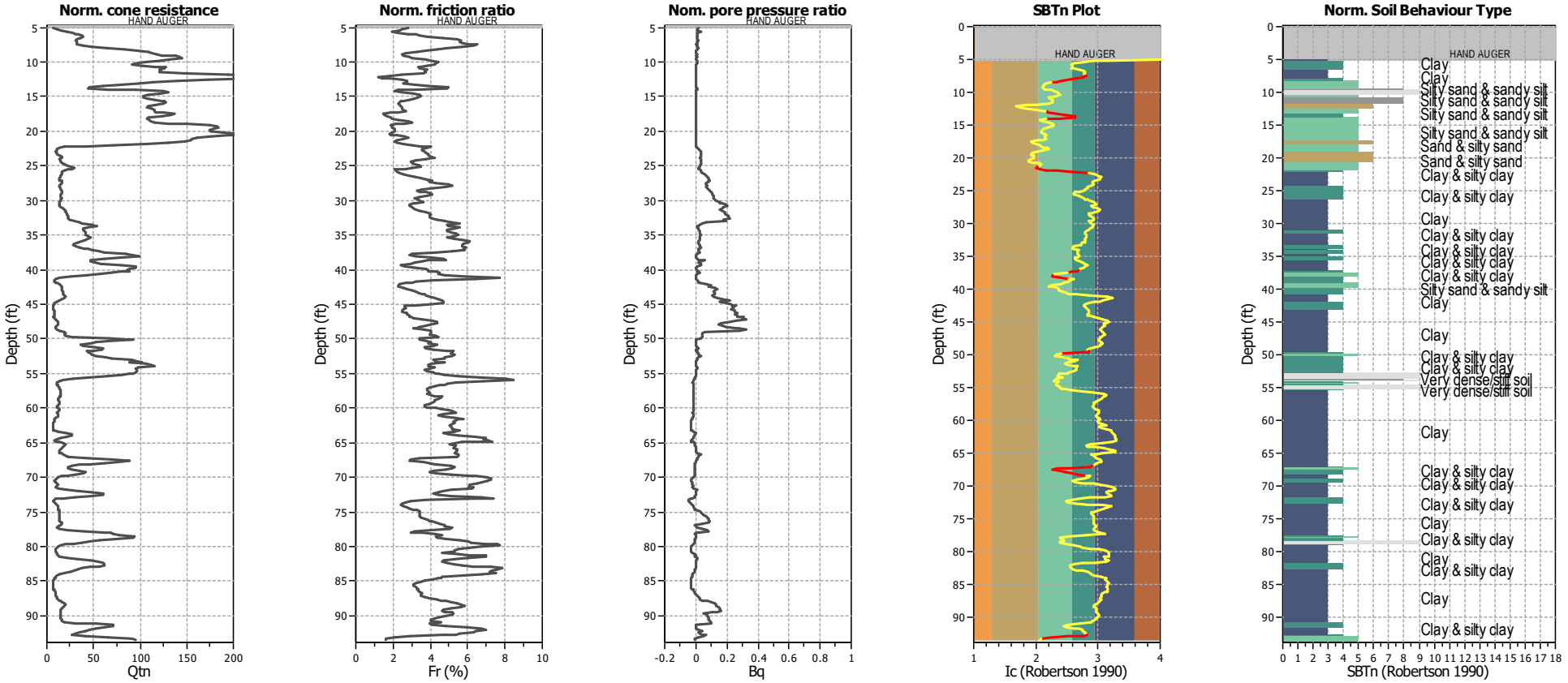
Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

SBT legend

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

CPT basic interpretation plots (normalized)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

SBTn legend

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2. Organic material
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4. Clayey silt to silty
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6. Clean sand to silty sand
7. Gravely sand to sand
8. Very stiff sand to
9. Very stiff fine grained

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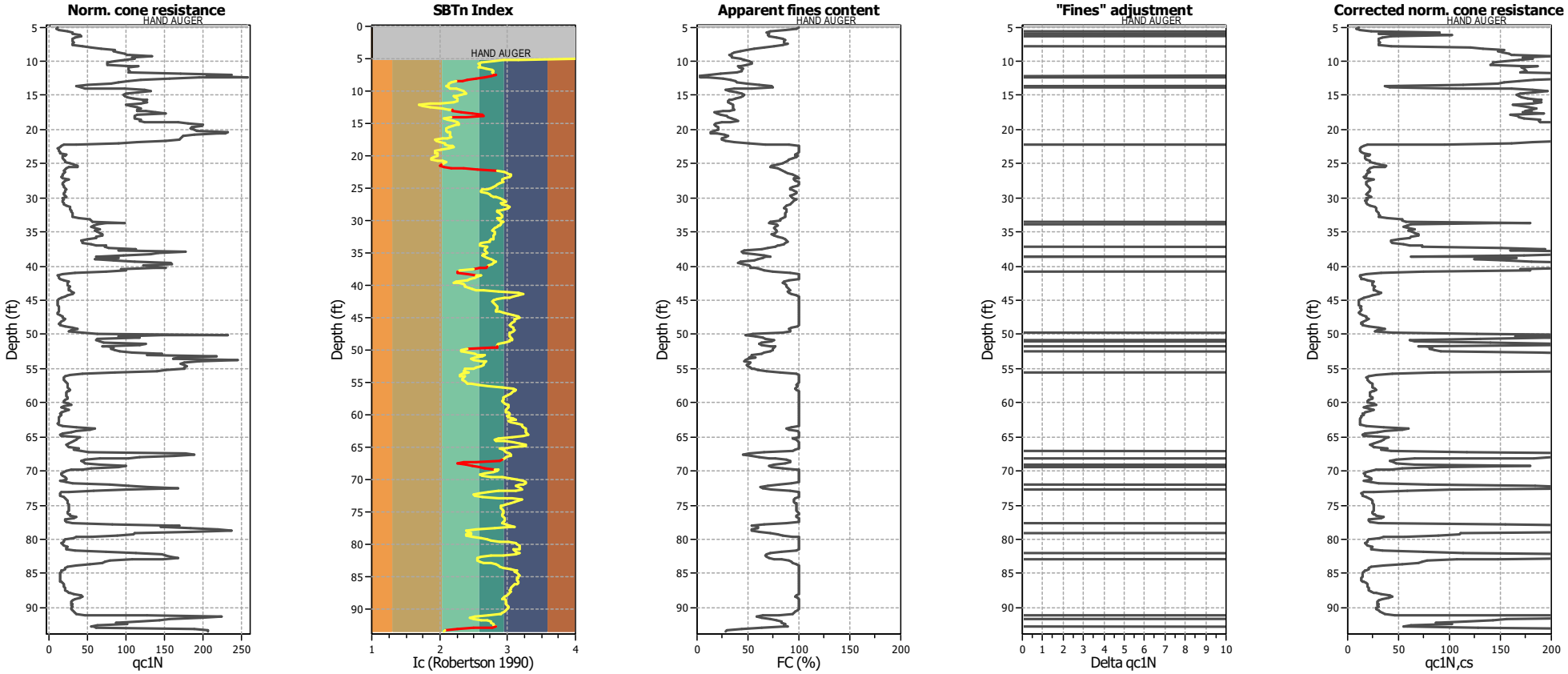
Liquefaction analysis overall plots (intermediate results)



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
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Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
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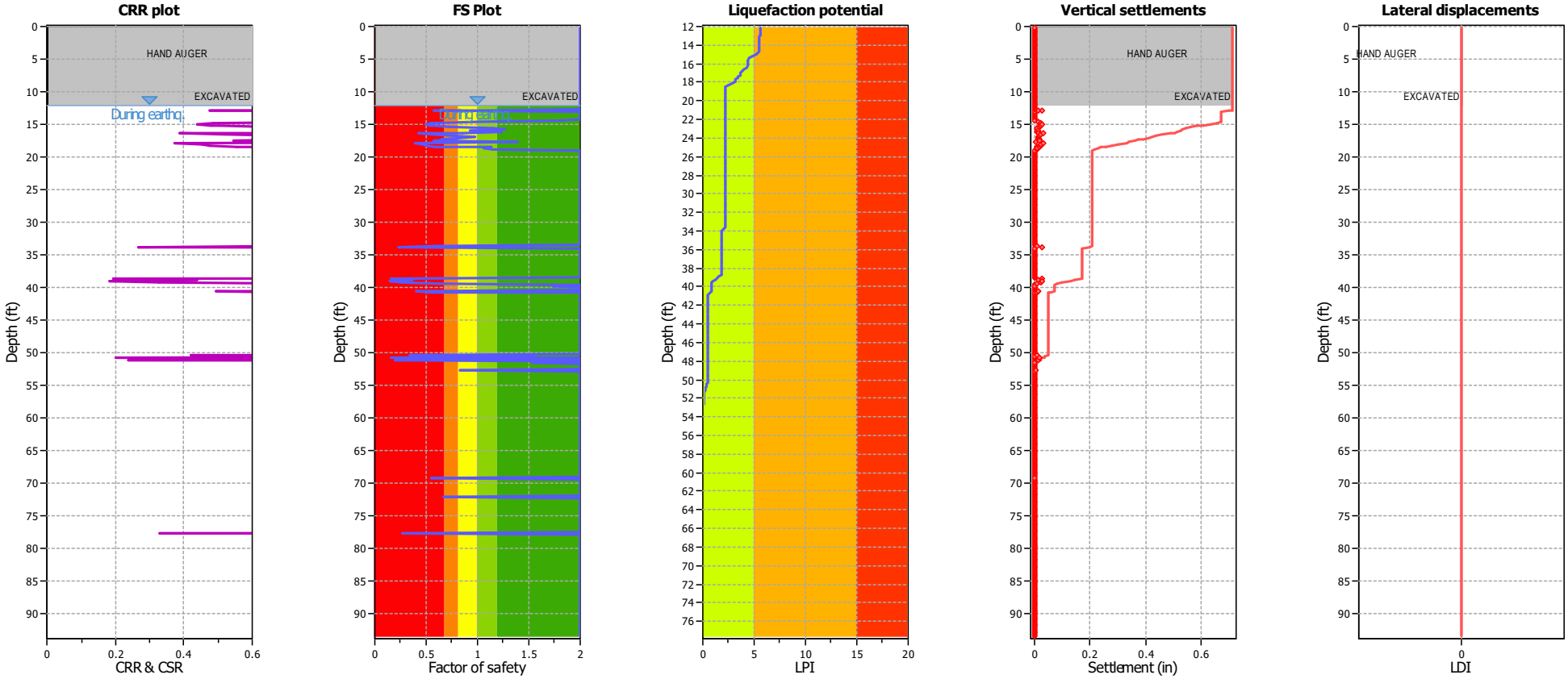
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

Liquefaction analysis overall plots



Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
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Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
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Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlike to liquefy
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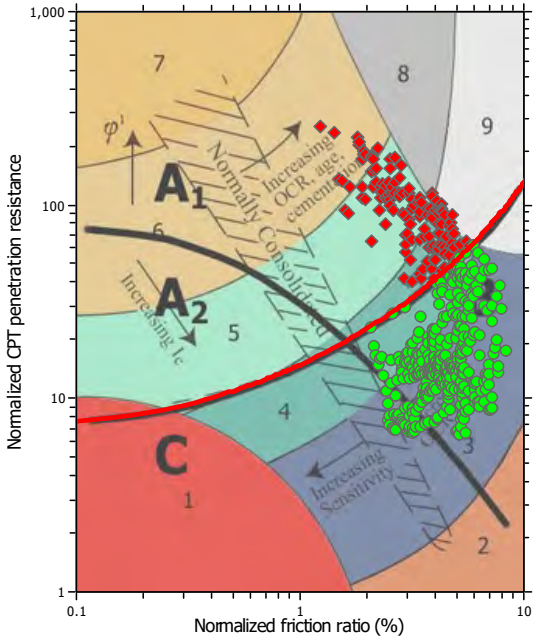
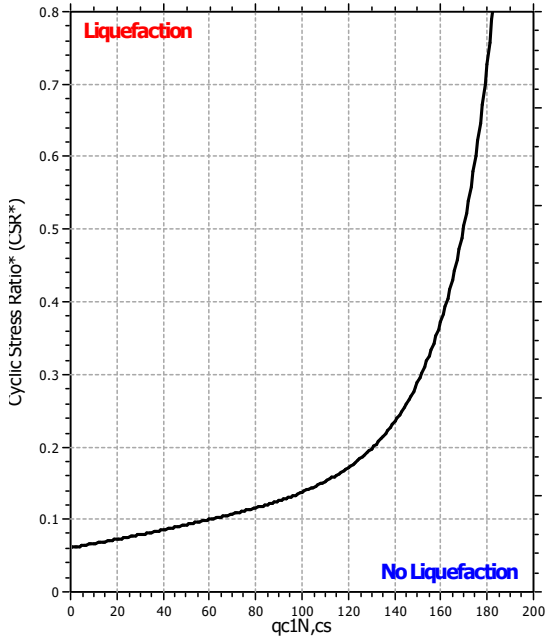
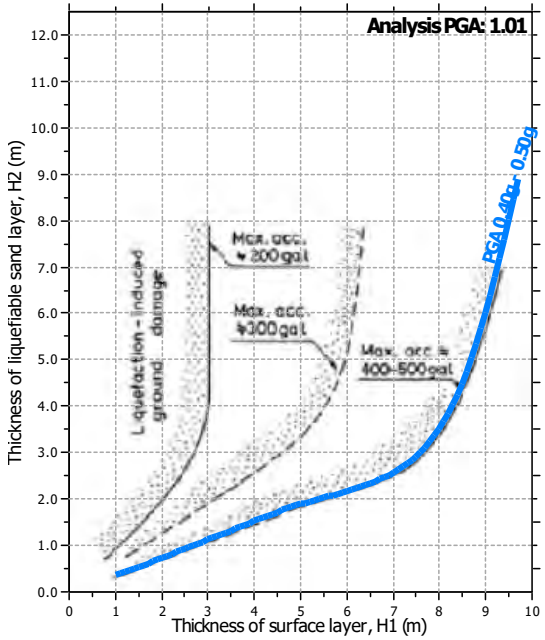
LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots







Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

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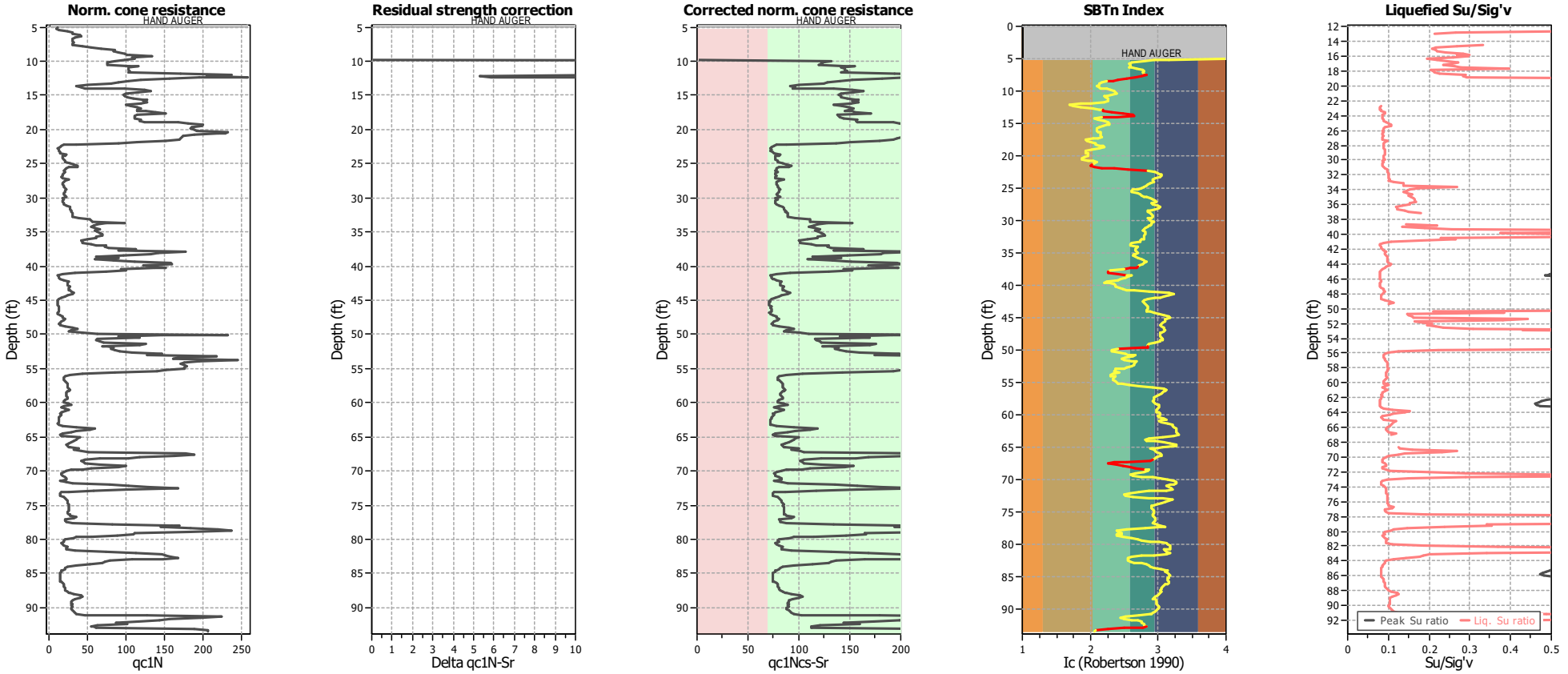
Check for strength loss plots (Idriss & Boulanger (2008))

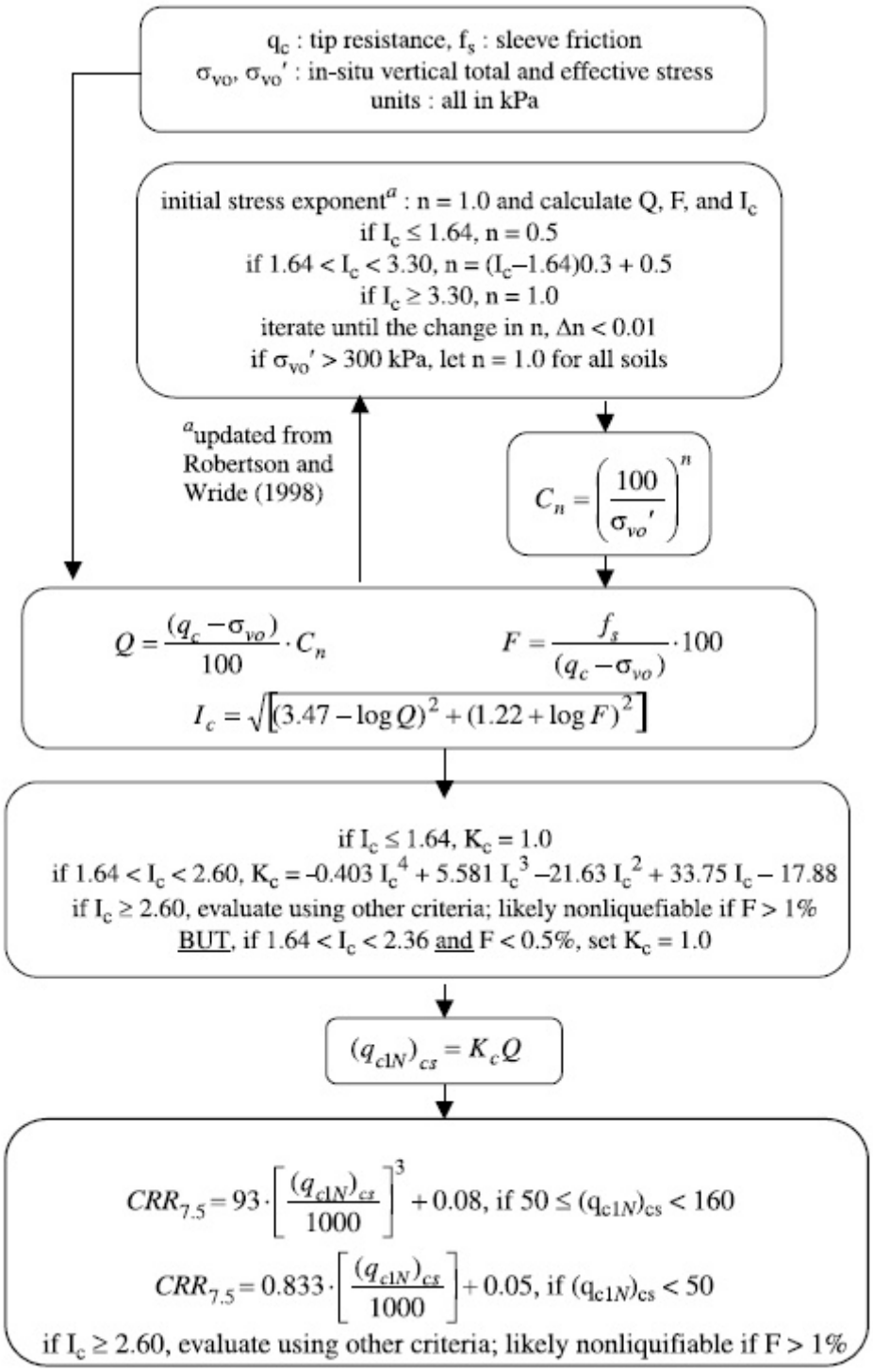


Input parameters and analysis data

Analysis method:	B&I (2014)	Depth to GWT (erthq.):	12.00 ft	Footing load:	1.00 tsf
Fines correction method:	B&I (2014)	Average results interval:	3	Transition detect. applied:	Yes
Points to test:	Based on Ic value	Ic cut-off value:	2.60	K_σ applied:	Yes
Earthquake magnitude M_w:	7.33	Unit weight calculation:	Based on SBT	Clay like behavior applied:	Sands only
Peak ground acceleration:	1.01	Excavation:	Yes	Limit depth applied:	No
Depth to water table (insitu):	35.00 ft	Excavation depth:	12.00 ft	Limit depth:	N/A

Procedure for the evaluation of soil liquefaction resistance, NCEER (1998)

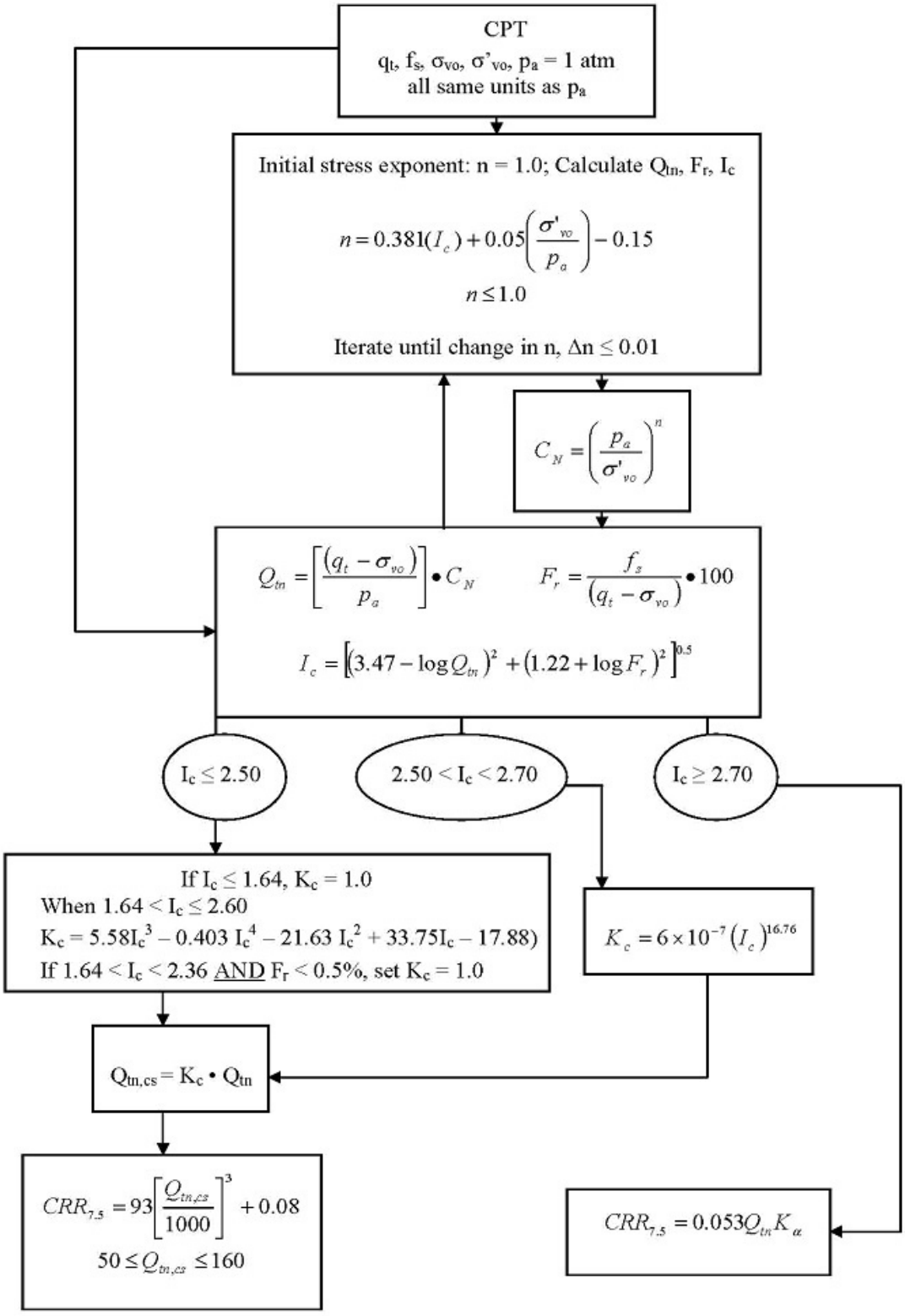
Calculation of soil resistance against liquefaction is performed according to the Robertson & Wride (1998) procedure. The procedure used in the software, slightly differs from the one originally published in NCEER-97-0022 (Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils). The revised procedure is presented below in the form of a flowchart[1]:



[1] "Estimating liquefaction-induced ground settlements from CPT for level ground", G. Zhang, P.K. Robertson, and R.W.I. Brachman

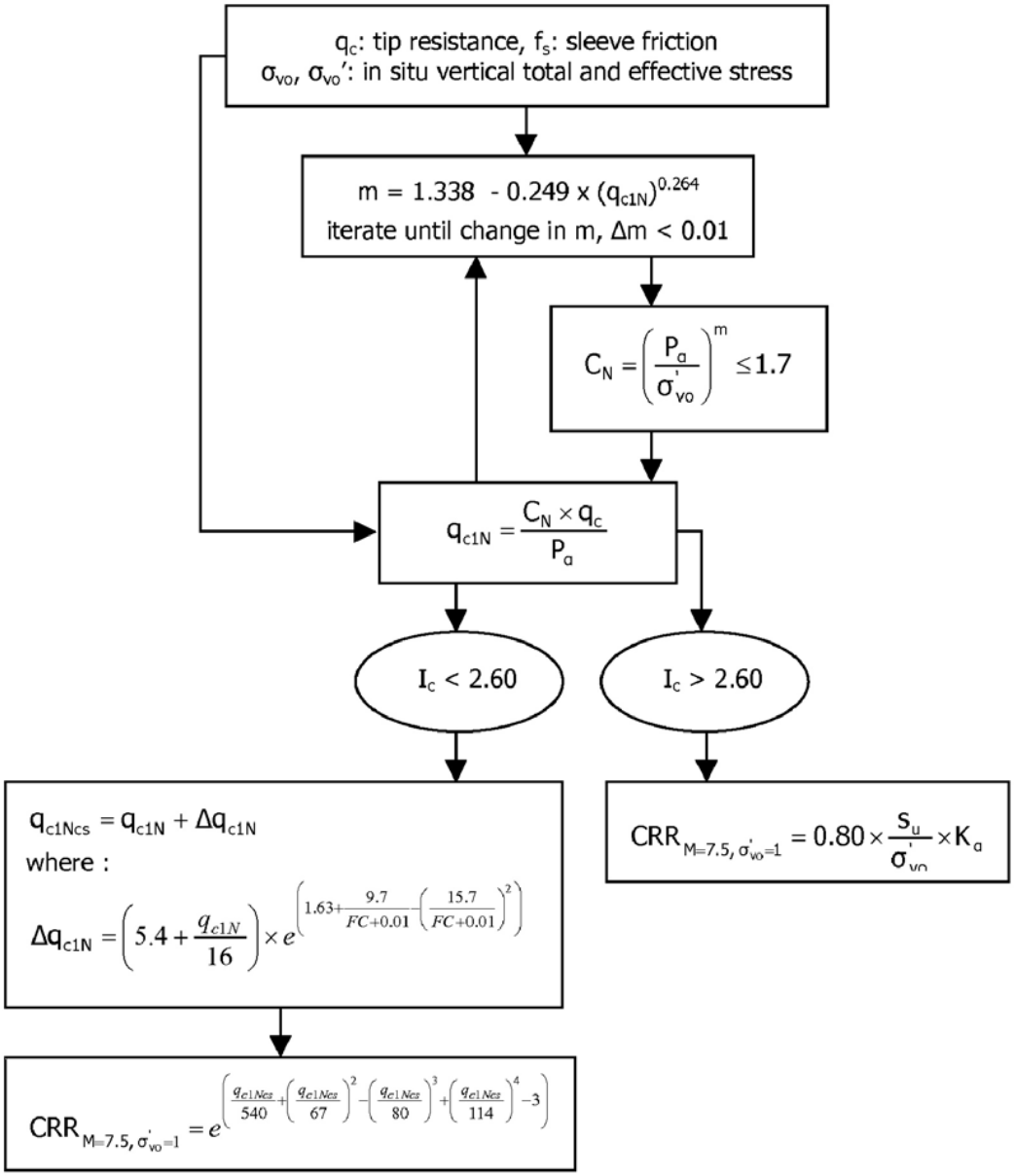
Procedure for the evaluation of soil liquefaction resistance (all soils), Robertson (2010)

Calculation of soil resistance against liquefaction is performed according to the Robertson & Wride (1998) procedure. This procedure used in the software, slightly differs from the one originally published in NCEER-97-0022 (Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils). The revised procedure is presented below in the form of a flowchart[1]:

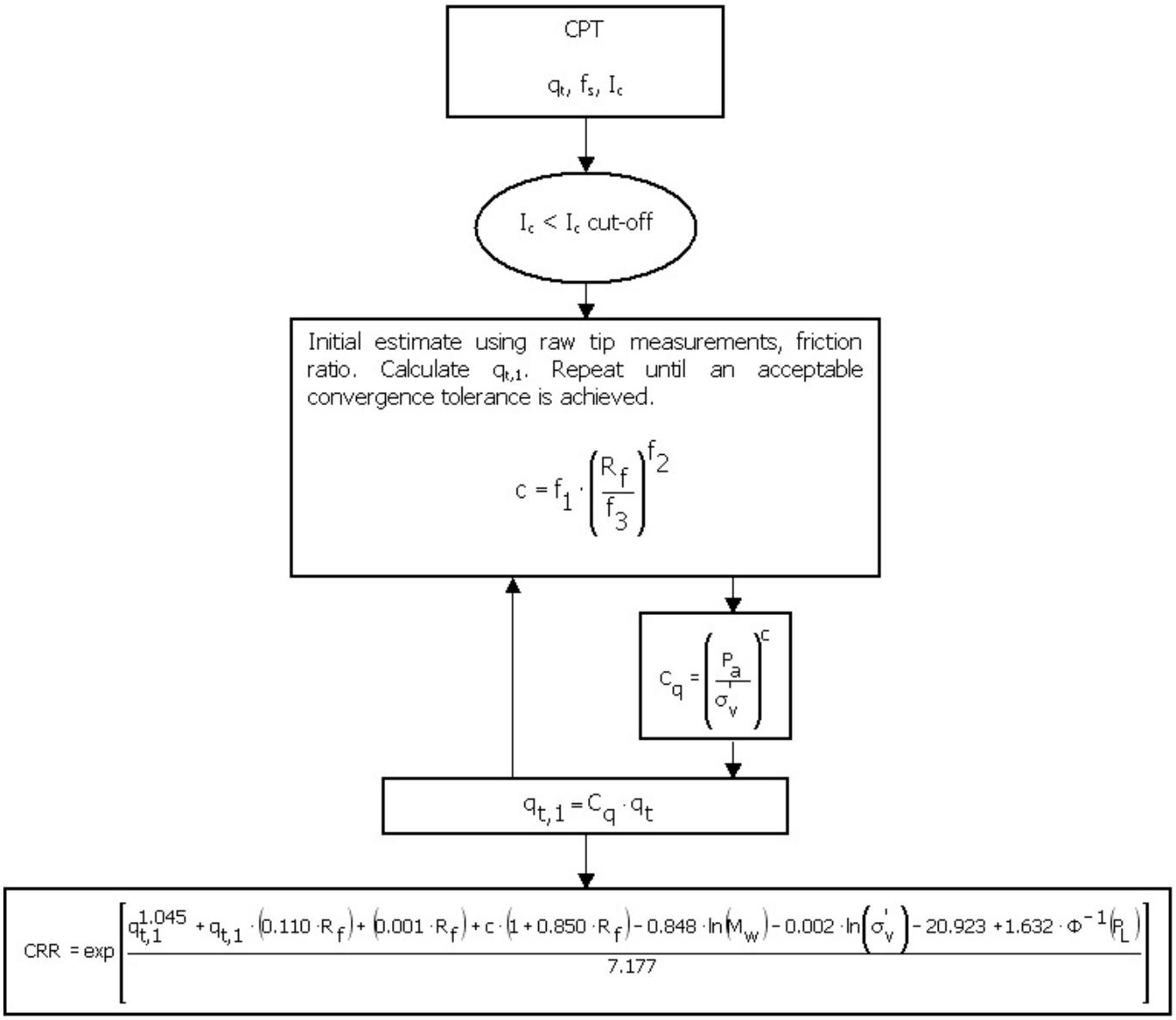


[1] P.K. Robertson, 2009. "Performance based earthquake design using the CPT", Keynote Lecture, International Conference on Performance-based Design in Earthquake Geotechnical Engineering – from case history to practice, IS-Tokyo, June 2009

Procedure for the evaluation of soil liquefaction resistance, Idriss & Boulanger (2008)



Procedure for the evaluation of soil liquefaction resistance (sandy soils), Moss et al. (2006)



Procedure for the evaluation of soil liquefaction resistance, Boulanger & Idriss(2014)

$$FS_{liq} = \frac{CRR_{M=7.5,\sigma'_v=1atm}}{CSR_{M=7.5,\sigma'_v=1atm}}$$

$$CSR_{M=7.5,\sigma'_v=1atm} = 0.65 \frac{\sigma_v}{\sigma'_v} \frac{a_{max}}{g} r_d \frac{1}{MSF} \frac{1}{K_\sigma}$$

$$r_d = \exp\left[\alpha(z) + \beta(z) \cdot M\right]$$

$$\alpha(z) = -1.012 - 1.126 \sin\left(\frac{z}{11.73} + 5.133\right)$$

$$\beta(z) = 0.106 + 0.118 \sin\left(\frac{z}{11.28} + 5.142\right)$$

$$K_\sigma = 1 - C_\sigma \ln\left(\frac{\sigma'_v}{P_a}\right) \le 1.1$$

$$C_\sigma = \frac{1}{37.3 - 8.27\left(q_{c1Ncs}\right)^{0.264}} \le 0.3$$

$$MSF = 1 + (MSF_{max} - 1)\left(8.64 \exp\left(\frac{-M}{4}\right) - 1.325\right)$$

$$MSF_{max} = 1.09 + \left(\frac{q_{c1Ncs}}{180}\right)^3 \le 2.2$$

σ'_v *and* σ_v *at start of earthquake shaking*

$$CRR_{M=7.5,\sigma'_v=1atm} = \exp\left(\frac{q_{c1Ncs}}{113} + \left(\frac{q_{c1Ncs}}{1000}\right)^2 - \left(\frac{q_{c1Ncs}}{140}\right)^3 + \left(\frac{q_{c1Ncs}}{137}\right)^4 - 2.80\right)$$

$$q_{c1Ncs} = q_{c1N} + \Delta q_{c1N}$$

$$\Delta q_{c1N} = \left(11.9 + \frac{q_{c1N}}{14.6}\right) \exp\left(1.63 - \frac{9.7}{FC+2} - \left(\frac{15.7}{FC+2}\right)^2\right)$$

$$q_{c1N} = C_{Ne} \frac{q_c}{P_a}$$

$$C_{Ne} = \left(\frac{P_a}{\sigma'_v}\right)^m \le 1.7$$

$$m = 1.338 - 0.249\left(q_{c1Ncs}\right)^{0.264} \quad with \quad 0.264 \le m \le 0.782$$

$$FC = 80\left(I_C + C_{FC}\right) - 137 \quad with \quad 0\% \le FC \le 100\%$$

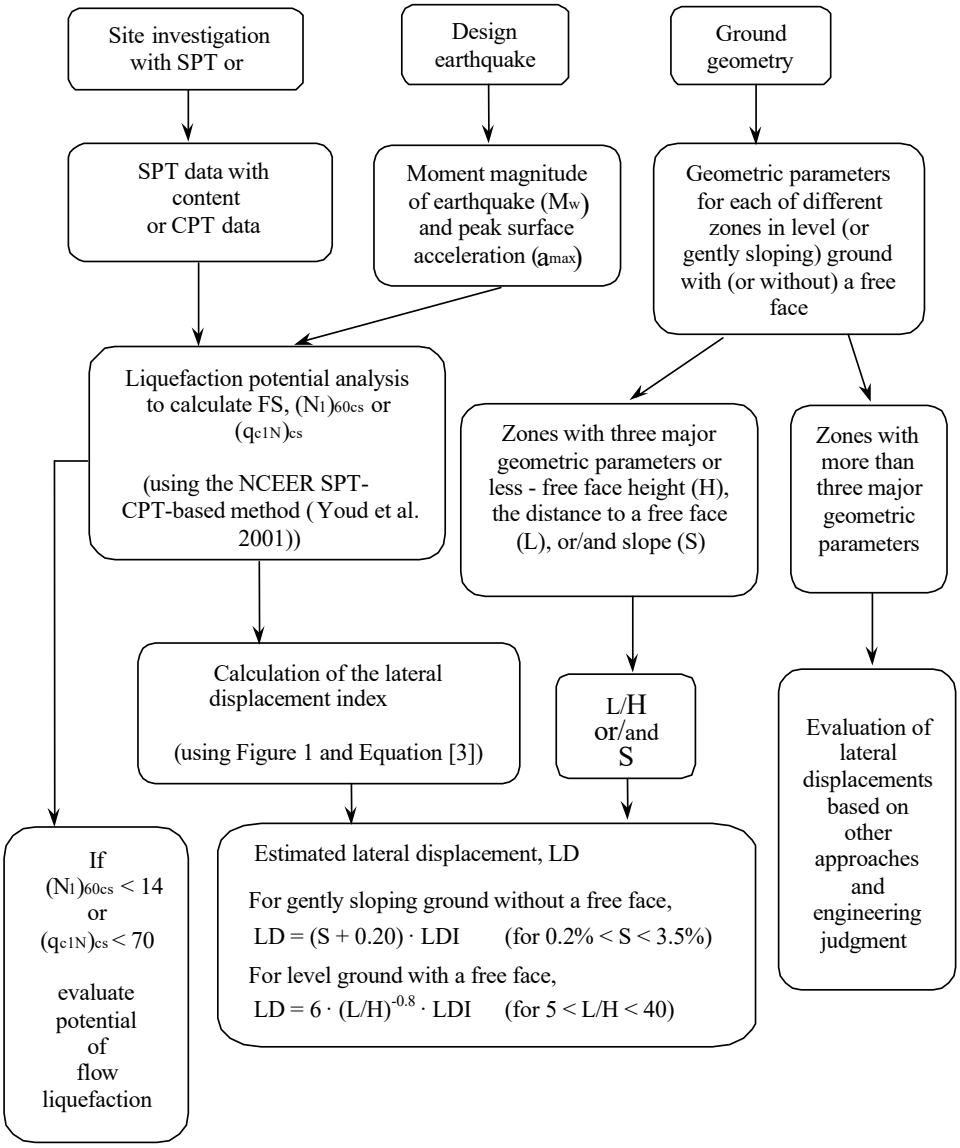
$$I_c = \left[\left(3.47 - \log\left(Q\right)\right)^2 + \left(1.22 + \log\left(F\right)\right)^2\right]^{0.5}$$

$$Q = \left(\frac{q_c - \sigma_{vc}}{P_a}\right)\left(\frac{P_a}{\sigma'_{vc}}\right)^n \; with \; 0.5 \le n \le 1.0 \; per \; Robertson \; \& \; Wride \; (1998)$$

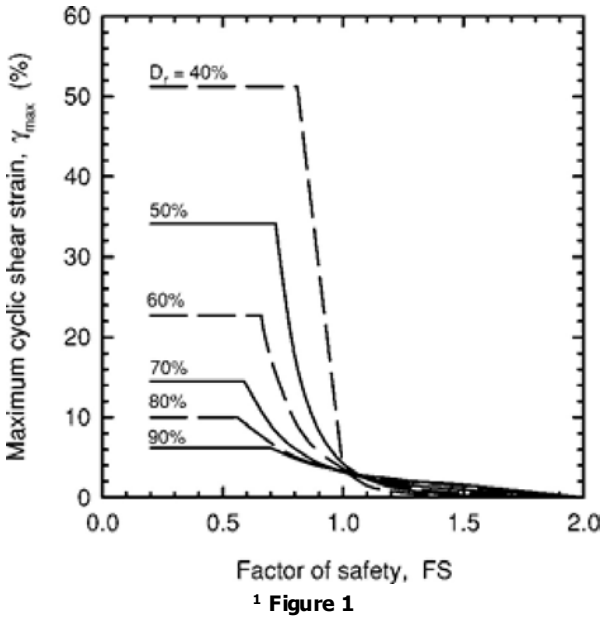
$$F = \left(\frac{f_s}{q_c - \sigma_{vc}}\right) \cdot 100\%$$

σ'_v *at time of CPT sounding*

Procedure for the evaluation of liquefaction-induced lateral spreading displacements



[1] Flow chart illustrating major steps in estimating liquefaction-induced lateral spreading displacements using the proposed approach



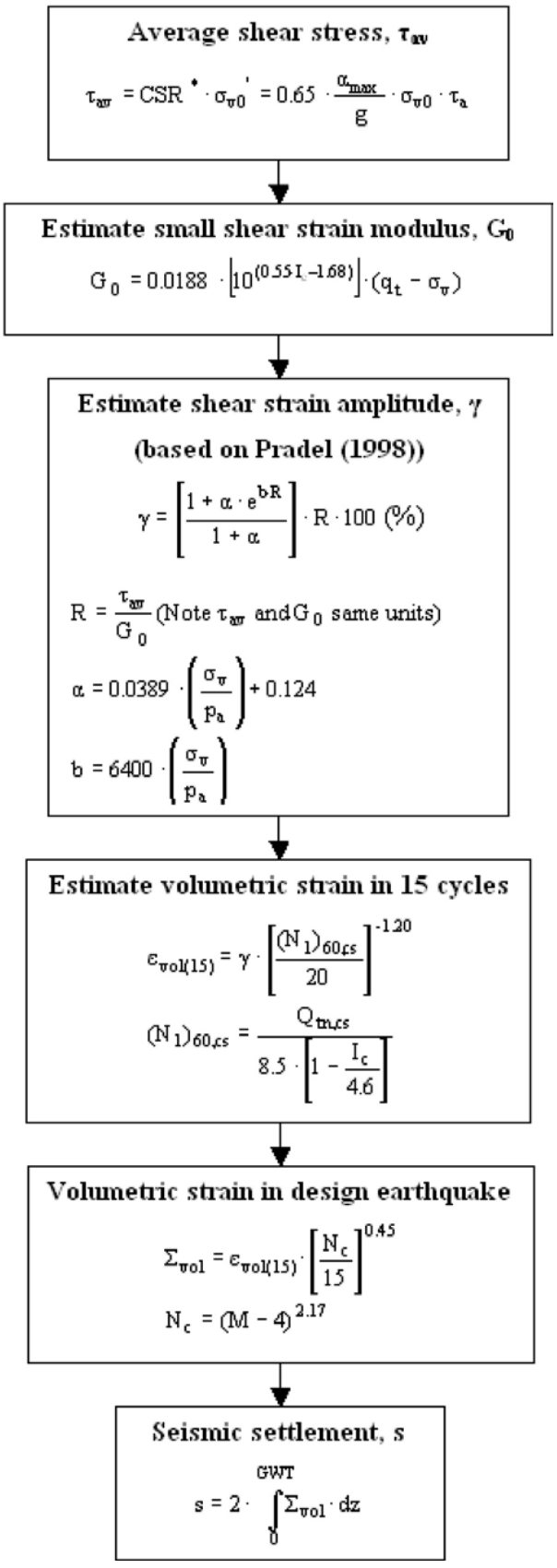
[1] Figure 1

$$LDI = \int_0^{z_{max}} \gamma_{max} dz$$

[1] Equation [3]

[1] "Estimating liquefaction-induced ground settlements from CPT for level ground", G. Zhang, P.K. Robertson, and R.W.I. Brachman

Procedure for the estimation of seismic induced settlements in dry sands



Robertson, P.K. and Lisheng, S., 2010, "Estimation of seismic compression in dry soils using the CPT" FIFTH INTERNATIONAL CONFERENCE ON RECENT ADVANCES IN GEOTECHNICAL EARTHQUAKE ENGINEERING AND SOIL DYNAMICS, Symposium in honor of professor I. M. Idriss, San Diego, CA

Liquefaction Potential Index (LPI) calculation procedure

Calculation of the Liquefaction Potential Index (LPI) is used to interpret the liquefaction assessment calculations in terms of severity over depth. The calculation procedure is based on the methology developed by Iwasaki (1982) and is adopted by AFPS.

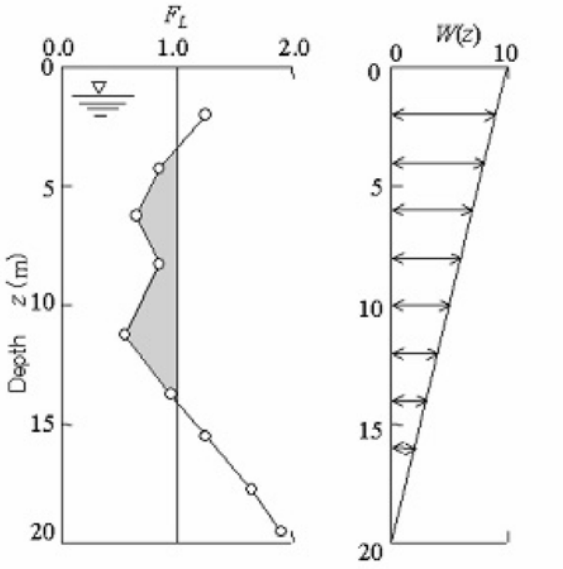
To estimate the severity of liquefaction extent at a given site, LPI is calculated based on the following equation:

$$\mathbf{LPI} = \int_0^{20} (10 - 0{,}5z) \times F_L \times dz$$

where:
F_L = 1 - F.S. when F.S. less than 1
F_L = 0 when F.S. greater than 1
z depth of measurment in meters

Values of LPI range between zero (0) when no test point is characterized as liquefiable and 100 when all points are characterized as susceptible to liquefaction. Iwasaki proposed four (4) discrete categories based on the numeric value of LPI:

- LPI = 0 : Liquefaction risk is very low
- 0 < LPI <= 5 : Liquefaction risk is low
- 5 < LPI <= 15 : Liquefaction risk is high
- LPI > 15 : Liquefaction risk is very high



Graphical presentation of the LPI calculation procedure

Shear-Induced Building Settlement (Ds) calculation procedure

The shear-induced building settlement (Ds) due to liquefaction below the building can be estimated using the relationship developed by Bray and Macedo (2017):

$$Ln(Ds) = c1 + c2 * LBS + 0.58 * Ln\left(Tanh\left(\frac{HL}{6}\right)\right) + 4.59 * Ln(Q) - 0.42 * Ln(Q)^2 - 0.02 * B + 0.84 * Ln(CAVdp) + 0.41 * Ln(Sa1) + \varepsilon$$

where Ds is in the units of mm, c1= -8.35 and c2= 0.072 for LBS ≤ 16, and c1= -7.48 and c2= 0.014 otherwise. Q is the building contact pressure in units of kPa, HL is the cumulative thickness of the liquefiable layers in the units of m, B is the building width in the units of m, CAVdp is a standardized version of the cumulative absolute velocity in the units of g-s, Sa1 is 5%-damped pseudo-acceleration response spectral value at a period of 1 s in the units of g, and ε is a normal random variable with zero mean and 0.50 standard deviation in Ln units. The liquefaction-induced building settlement index (LBS) is:

$$LBS = \sum W * \frac{\varepsilon_{shear}}{z} dz$$

where z (m) is the depth measured from the ground surface > 0, W is a foundation-weighting factor wherein W = 0.0 for z less than Df, which is the embedment depth of the foundation, and W = 1.0 otherwise. The shear strain parameter (ε_shear) is the liquefaction-induced free-field shear strain (in %) estimated using Zhang et al. (2004). It is calculated based on the estimated Dr of the liquefied soil layer and the calculated safety factor against liquefaction triggering (FSL).

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END OF REPORT

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Date:	September 8, 2022
To:	Sharon Gong, Senior Planner
Project:	2065 Kittredge Street Mixed Use Project EIR Addendum
From:	Abe Leider, AICP CEP, Principal Jesse Voremberg, MS, Environmental Planner
Re:	Supplemental Analysis to the EIR Addendum – Minor Project Revisions

The purpose of this memorandum is to provide supplemental analysis to the Addendum to the 2211 Harold Way Mixed-Use Project Final Environmental Impact Report (EIR), which was prepared in July 2022 and analyzes impacts of the proposed 2065 Kittredge Street Mixed Use Project in relation to the analysis in the 2211 Harold Way Mixed-Use Project EIR. The supplemental analysis is necessary to determine whether revisions to the proposed project that were submitted in August 2022 substantially affect the analysis or conclusions of the Addendum.

Summary of Proposed August 2022 Project Revisions

Changes to the proposed project as analyzed in the Addendum include the following items:

- Enlargement of the proposed first floor commercial area from 4,181 square feet to 4,993 square feet.
- Enlargement of the proposed underground parking area from 20,881 square feet to 20,959 square feet.
- Reduction of proposed one-bedroom units from 31 units to 30 units, lowering the overall proposed units from 188 units to 187 units and residential square footage from 149,678 to 149,398.

- Reduction in bicycle parking from 129 spaces to 125 spaces.
- Minor adjustments to simplify the façade of the building, including altered window proportions, continuation of the building base, and added storefront to the commercial space.

Comparison of August 2022 Project Revisions to the Addendum Analysis

The issue areas that were analyzed in the Addendum are discussed below with respect to the proposed project changes. No changes have occurred in respect to environmental conditions; as such, section 4.1 of the Addendum, *Changes in Environmental Conditions*, is not discussed in this memorandum.

Air Quality

The addition of 812 square feet of commercial space[1] would marginally increase construction and operational air quality emissions. This increase would be partially offset by the decrease of residential units from 188 units to 187 units. The elimination of four bicycle parking spaces would have a negligible impact on air quality emissions, as this would not measurably induce more vehicle usage. As shown in Table 3 of the Addendum, air quality net emissions for both construction and operation were negative (reduction in emissions as compared to the existing use at the time of preparation of the original EIR) and therefore significantly below Bay Area Air Quality Management District thresholds. The marginal increase in commercial space would have a negligible impact on air quality emissions. Therefore, given the low estimated emissions of the project as analyzed in the Addendum, the proposed changes would increase air quality impacts and the analysis in the Addendum stands and requires no revisions. Impacts remain less than significant, and the Addendum's conclusion that the project would not have new or substantially increased impacts compared to the project studied in the original EIR remains valid.

Cultural Resources

The proposed project changes include minor adjustments to simplify the façade of the proposed building, including minor alterations to proposed storefront entries on Harold Way and Allston Way and the removal of a bay of windows along the proposed new building's hidden, east elevation to accommodate minor floorplan updates. Such simplifications would continue to be generally consistent with Downtown Berkley Design Guidelines and allow the building to further be compatible with existing conditions, avoids large blank wall surfaces, and continues to reinforce the harmony of the proposed new building and the Shattuck Hotel Given the minor nature of the alterations to the proposed building façade, the proposed changes would not result in new or increased cultural resources impacts and the analysis in the Addendum would not change. Impacts related to demolition and alteration of historic buildings would remain significant and unavoidable with mitigation, the same as discussed in the original EIR and the Addendum, and other impacts would remain less than significant with mitigation. Overall, the Addendum's conclusion that the project would not have new or substantially increased impacts compared to the project studied in the original EIR remains valid.

Greenhouse Gas Emissions

Similar to the impact discussion under *Air Quality*, the marginal modifications to the commercial space, parking, residential units, and bicycle parking would not significantly change the magnitude of

[1] While parking square footage increased by 78 square feet, air quality emissions from parking are driven by the quantity of parking spaces. No changes to the number of parking spaces are proposed. Therefore, the slight increase in parking area would not impact the air quality analysis.

greenhouse has emissions. As discussed in Section 4.4 of the Addendum, *Greenhouse Gas Emissions*, the original project would already be below Bay Area Air Quality Management District's emissions thresholds, and the proposed project modifications would not cause the project to exceed the magnitude of the original project. Given the low estimated project emissions described in the Addendum, the proposed changes would not increase greenhouse gas emissions impacts and analysis in the Addendum stands. Impacts remain less than significant. The Addendum's conclusion that the project would not have new or substantially increased impacts compared to the project studied in the original EIR remains valid

Noise

As discussed below under *Transportation*, the proposed changes would result in a negligible change to vehicle trips compared to the modified project as studied in the Addendum. As discussed in Section 4.5 of the Addendum, *Noise*, traffic volumes would not increase by 40 percent on area roadways. Construction techniques would not change. Therefore, given the negligible changes to traffic volumes, the proposed changes would not increase noise impacts and analysis in the Addendum stands. Impacts during construction would remain significant and unavoidable with mitigation and operational impacts would remain less than significant. Overall, the Addendum's conclusion that the project would not have new or substantially increased impacts compared to the project studied in the original EIR remains valid.

Transportation

The conclusions of the Traffic Impact Report, as discussed in Section 4.6 of the Addendum, *Transportation,* would not be affected by the proposed changes. The proposed increase in commercial space is marginal and would be partially offset by the decrease in residential units. Furthermore, the quantity of parking spaces remains unchanged, and traffic volumes are influenced by parking spaces, not square footage of parking areas. Therefore, given the minor density alterations, the proposed changes would not increase transportation impacts and analysis in the Addendum stands. Impacts remain less than significant. Overall, the Addendum's conclusion that the project would not have new or substantially increased impacts compared to the project studied in the original EIR remains valid.

Utilities and Service Systems

The proposed changes would marginally impact water demand, wastewater generation, gas demand, electricity demand, and solid waste generation. The increase in commercial space and decrease in residential units would slightly offset one another, and analysis in the Section 4.7 of the Addendum, *Utilities and Service Systems*, would remain generally accurate. Given the minor shift in proposed square footage of uses, the proposed changes would not increase impacts related to utilities and service systems and changes to the Addendum are not warranted. Impacts remain less than significant. Overall, the Addendum's conclusion that the project would not have new or substantially increased impacts compared to the project studied in the original EIR remains valid.

Other Impacts

Section 4.8 of the Addendum, *Other Impacts*, briefly analyzes issue areas including aesthetics, agriculture and forestry, biological resources, energy, geology and soils, hazards and hazardous materials, hydrology and water quality, land use and planning, mineral resources, public services, recreation, tribal cultural resources, and wildfire. Considering the minor nature of the proposed project changes and the initial assessment of the aforementioned issue areas discussed under Section 4.8 of the

Addendum, *Other Impacts*, as less than significant in the original EIR for the project, the proposed changes to the project would not alter the analysis in the Addendum. Therefore, the proposed changes would not substantially increase other impacts, and changes to the Addendum are not warranted. Impacts remain less than significant.

Conclusion

The minor increase to commercial space and parking area, the slight reduction in residential units and bicycle parking, coupled with the minor changes to the building façade would not result in new or substantially increased impacts compared to the project studied in the original EIR. The proposed changes to the project do not warrant changes to the Addendum, and the impact discussions and comparisons with the original EIR remain the same as analyzed in the Addendum.

NOW I'LL GIVE AN INTRODUCTION TO THE PROJECT AND GIVE AN OVERVIEW OF THE CEQA REVIEW PROCESS FOR THE PROJECT.

2065 KITTREDGE MIXED USE PROJECT PROPOSES TO DEMOLISH PORTIONS OF THE EXISTING CITY LANDMARK BUILDINGS AND CONSTRUCT AN 8-STOREY MIXED USE DENSITY PROJECT WITH 187 DWELLING UNITS INCLUDING FOUR LIVE-WORK UNITS AND 9 LOW INCOME OPPORTUNITIES AND 5,000 SQUARE FEET OF COMMERCIAL SPACE.

THE PROJECT SITE IS LOCATED IN THE CDM DOWNTOWN MIXED-USE DISTRICT IN A SINGLE PARCEL THAT ENCOMPASSES THE -- WITH SHATTUCK AVENUE ON THE EAST.

PROJECT -- THE PARCEL IS SUBDIVIDED INTO THREE CONDOMINIUM UNITS, A, E AND C.

THE PROJECT SITE UNIT B, IS DEFINED BY THE UNIT B UNIT FOOTPRINT AND IT'S SHOWN IN THE HATCHED AREA IN THIS IMAGE HERE.

IN THE VICINITY TO THE SITE'S NORTH IS A PARKING GARAGE, AND OTHER COMMERCIAL BUILDINGS.

TO THE WEST IS A DHARMA COLLEGE PROJECT.

TO THE SOUTH IS THE CENTRAL PUBLIC LIBRARY.

TO THE EAST SHARING THE SAME BLOCK AS THE PROJECT SITE UNIT B ARE UNITS A AND C OF THE PARCEL WHICH ARE THE SHATTUCK HOTEL, THE HOTEL SHATTUCK PLAZA AND THE FORMER SHATTUCK CINEMAS.

BUILDING HEIGHTS ARE TWO TO FIVE STOREYS IN RANGE WITH SHATTUCK HOTEL AT FIVE STORIES.

FURTHER NORTH ON SHATTUCK ARE COMMERCIAL BUILDINGS THAT REACH UP

TO 16 STOREYS.

THE BLOCK PARCEL IS CURRENTLY OCCUPIED BY THE SHATTUCK HOTEL WITH FOUR CHAIN COMPONENTS.

REGIONAL HOTEL BUILDING CONSTRUCTED IN 1910, 1913 HOTEL EXPANSION AND DEPARTMENT STORE ADDITION FACING SHATTUCK AND KITTREDGE.

THE 1926 EXPANSION FACING KITTREDGE AND HAROLD AND THE 1959 ADDITION FACING HAROLD WAY.

THE PROJECT PROPOSES TO DEMOLISH THE UNIT B SPACE WHICH IS SHOWN HERE WITH THE RED OUTLINE.

INCLUDING THE 1959 ADDITION AND 1926 ADDITION AND PORTION OF THE 1913 ADDITION.

THESE AREAS ARE CURRENTLY OCCUPIED BY SPACES THAT. PREVIOUSLY HOUSED THE CHILDREN'S MUSEUM AND PART OF THE SHATTUCK CINEMAS HERE AND THEY ARE BOTH NOW VACANT.

I SHOULD SAY NOW THE ENTITLEMENTS WERE OBTAINED IN 2015 UNDER 2211 HAROLD WAY TO DEMOLISH THE STRUCTURES AND CONSTRUCT AN 18-STOREY 200 UNIT MIXED USE BUILDING INCLUDING COMMERCIAL SPACE AND A MOVIE THEATER.

BUILDING PERMITS WERE NEVER OBTAINED AND THE PERMIT EXPIRED IN JANUARY OF 2020.

THE CURRENT PROJECT, 2065 KITTREDGE PROPOSES TO CONSTRUCT AS 8-STOREY MIXED-USE BUILDING WITH 183 DWELLING UNITS, 41 STUDIOS INCLUDING 41 STUDIOS, 31 BEDROOM, 101 TWO BEDROOM AND 111

THREE-BEDROOM UNITS.

FOUR LIVE/WORK UNITS.

NEARLY 5,000 SQUARE FEET OF GROUND FLOOR COMMERCIAL SPACE,

NEARLY 12,000 SQUARE FEET OF MUSICAL OPEN SPACE IN TWO GROUND FLOOR PLAZA AND 7-FLOOR ROOF DECK.

THE PROJECT QUALIFIES FOR A STATE DENSITY BONUS BY PROVIDING 9 VARIABLE INCOME UNITS AND ADDING 24 UNITS FOR A TOTAL OF 187 UNITS IN THE FINAL PROJECT.

THEY REQUEST A CONCESSION TO REDUCE THE USE OF OPEN SPACE REQUIREMENT AND REQUEST WAIVERS FOR THE HEIGHT, SETBACKS, COMMERCIAL PARKING AND THE AMOUNT OF LANDSCAPED USABLE SPACE.

BECAUSE THE PROJECT PROPOSES SUBSTANTIAL IMPACT TO A CITY LANDMARK, PEOPLE REFER TO THE DESIGN REVIEW COMMITTEE BY THE LANDMARK'S PRESERVATION UNIT FOR THE DEMOLITION REFERRAL FOR THE ZAB AND STRUCTURAL ALTERATION PERMIT.

THE LPC APPROVED BOTH IN AUGUST OF THIS YEAR.

IT'S SUBJECT TO AN ENVIRONMENTAL REVIEW FROM CEQA.

AT THIS POINT, I'M GOING TO HAND IT OVER TO KATIE GREEN TO TALK ABOUT THE CEQA REVIEW PROCESS AND THE EIR ADDENDUM.

>> C. KAHN: THANK YOU, SHARON.

WELCOME, KATIE.

>> THANK YOU MISS GONG, CHAIRPERSON KAHN AND BOARD MEMBERS.

RINCON CONSULTANTS PREPARED THE EIR ADDENDUM FOR KITTREDGE REGISTER STREET USE PROJECT.

IT WAS CALLED THE 2011 MIXED-USE PROJECT WHICH WOULD HAVE BEEN FOR A BUILDING UP TO 18 STOREYS HIGH.
WITH A STEP DOWN TO FIVE STOREYS ALONG THE TREAT FRONTS.
THE BUILDING WOULD HAVE CONSISTED OF BRICK VENEER PANELS, PRECAST PANELS AND GLASS PANELS AND INCLUDED 2302 RESIDENTIAL UNITS OF WHICH 28 WOULD HAVE BEEN AFFORDABLE TO REPLACE THE SHATTUCK CINEMA INTERIOR AND THREE STORIES OF SUBTERRANEAN PARKING GARAGE.
IT'S LOCATED IN THE DOWNTOWN AREA PLAN AND THE EIR FOR 2211 HAROLD WAY WAS TREE-LINED UNDER THE FINAL EIR UNDER CEQA GUIDELINE SECONDS 15183.3 WHICH APPLIES TO IN-FILL PROJECTS THAT MEET A NUMBER OF CRITERIA INCLUDING PROXIMITY TO TRANSIT.
THE EIR IDENTIFIED IMPACTS INCLUDING A SIGNIFICANT AND UNAVOIDABLE IMPACT RESULTING FROM DEMOLITION OF THE 1926 ADDITION TO THE SHATTUCK HOTEL AND PARTIAL REMOVAL OF THE 1913 ADDITION TO THE HOTEL.
TWO OTHER HISTORIC RESOURCES IMPACTS WERE REDUCED TO A LESS THAN SIGNIFICANT LEVEL THROUGH THE INCORPORATION OF MITIGATION MEASURES.
THE FIRST OF THESE IS ILLUSTRATIONS OF THE SETTING OF HISTORIC LANDMARKS ADJACENT TO AND FACING THE PROJECT INCLUDING THE SHATTUCK HOTEL AND FORMER LIBRARY AND ARMSTRONG BUILDING AND ELKS LODGE.
THE MOVEMENT WERE FOUND TO HAVE THE POTENTIAL TO COMPROMISE THE

IMPACT BUT IT WAS REDUCED.

TRANSPORTATION IMPACTS WAS ANALYZED USING A LEVEL OF SERVICE METRIC AND REQUIRED MITIGATION TO BE REDUCED TO A LESS THAN SIGNIFICANT LEVEL.

THIS DETAILS CHANGES IN THE ORIGINAL PROJECT AND THE ONE CURRENTLY PROPOSED.

THE KITTREDGE PROJECT BEFORE YOU TODAY IS THE SMALLER BUILDING THAT THE ORIGINAL 2211 HAROLD WAY PROJECT.

IT NO LONGER INCLUDES A CINEMA AND HAS FEWER RESIDENTIAL UNITS AND PARKING SPACES.

THE BUILDING IS SHORTER AND CONSTRUCTION WOULD INVOLVE LESS EXCAVATION SINCE THE SUBTERRANEAN PARKING GARAGE WOULD BE UNLEVEL INSTEAD OF THREE.

THE DESIGN OF THE BUILDING IS MORE CONSISTENT WITH THE DOWNTOWN BERKELEY DESIGN GUIDELINES.

PURSUANT TO SECTION 15164 OF THE CEQA GUIDELINES, AN ADDENDUM TO A PREVIOUSLY CERTIFIED EIR CAN BE PREPARED IF SOME CHANGES TO THE PROJECT HAVE OCCURRED.

AN ADDENDUM CAN ONLY BE PREPARED IF SUBSTANTIAL CHANGES MAY CAUSE AN IMPACT HAVE NOT OCCURRED.

IF CHANGES HAVE OCCURRED, IT WOULD REQUIRE A PREPARATION OF A -- OF A SUBSEQUENT EIR OF THE CEQA GUIDELINES.

BUT IT ONLY REQUIRED MINOR CHANGES.

LET'S DISCUSS THE FINDINGS OF THE EIR ADDENDUM.

FINDINGS OF ANALYSIS WERE THAT EVERY IMPACT WOULD BE SIMILAR OR REDUCED COMPARED TO THE IMPACTS OF THE ORIGINAL PROJECT.
THE ANALYSIS IN THE ADDENDUM RESULTS IN THE REMOVAL OF CULTURAL RESOURCES DUE TO MODIFICATIONS IN THE BUILDING DESIGNS WHICH REDUCED IMPACT FOUND IN THE PRIOR EIR.
THE ADDENDUM FOUND SLIGHTLY REDUCED GREENHOUSE GAS EMISSIONS AND NOISE IMPACTS.
THE PRIOR EIR DID NOT USE MILES TRAVELED METHODOLOGY, HOWEVER, THE ADDENDUM FOUND THAT THE PROJECT WOULD GENERATE BOTH FEWER TRIPS THAN THE ORIGINAL PROJECT AND IT WOULD HAVE A LESS IMPACT ON VEHICLE MILES TRAVELED AND LESS IMPACT.
THIS SIGN SUMMARIZES CHANGES TO THE CULTURAL MITIGATION MEASURES FROM THE REPORTING PROGRAM ASSOCIATED WITH THE PRIOR EIR.
MITIGATION MEASURES CR-1-A THROUGH CR-1-D WOULD REMAIN REQUIRED AS IT WOULD PARTIALLY REMOVE THE SHATTUCK HOTEL WHICH IS A HISTORICAL RESOURCE.
CR-2A THROUGH CR-2C WOULD NOT BE REQUIRED AS THE DESIGN IS UPDATED TO INCLUDE CHANGES TO THE ORIGINAL PROJECT INCLUDED IN THE CERTIFIED FINAL EIR TO ADDRESS IMPACT TO THE SHATTUCK HOTEL AND SETTING OF HISTORICAL LANDMARKS.
CONSTRUCTION OF THE PROJECT MAY STILL PRODUCE GROUND VIBRATION OR SOIL MOVEMENT OF THE FOUNDATION WHICH COULD AFFECT RESOURCES STRUCTURAL STABILITY.
I'LL HAND IT BACK TO MISS GONG TO WRAP UP.

>> I'LL NOTE A COUPLE MORE POINTS AND THEN WE'LL CONCLUDE.
THE PROJECT -- YOU'VE HEARD ME SAY THIS A LOT LATELY, BUT IT'S TRUE OF THIS PROJECT, IT'S ELIGIBLE FOR APPROVAL ACCORDING TO THE STATE HOUSING ACCOUNTABILITY ACT OR HAA.
BECAUSE THE PROJECT IS COMPLIANT WITH PLAN CAN ZONING STANDARDS IT CANNOT BE DENIED UNLESS FINDINGS CAN BE MADE THAT THE PROJECT WOULD CAUSE SPECIFIC ADVERSE IMPACT THAT CAN NOT BE FEASIBLY MITIGATED.
THE PROJECT IS ELIGIBLE FOR SENATE BILL 330 AND THIS MEETING IS THE FOURTH OUT OF THE FIVE PUBLIC MEETINGS THAT THE CITY CAN HOLD FOR REVIEW AND DECISION ON THE PROJECT.
LAST PUBLIC HEARING RESERVED FOR POTENTIAL APPEAL TO COUNCIL.
THAT CONCLUDES STAFF PRESENTATION AND WE CAN TAKE ANY QUESTIONS THAT YOU HAVE.
>> C. KAHN: THANK YOU SHARON AND KATIE.
>> I. TREGUB: THANK YOU SO MUCH FOR THE DETAILED PRESENTATION.
I MAY BE THE REMAINING BOARD MEMBER HERE WHO WAS AROUND DURING THE LAST PROJECT.
I DON'T THINK VICE CHAIR O'KEEFE IS PRESENT TONIGHT.
ON THE THEATER, I ACTUALLY CAN'T -- IS IT THAT THE THEATER IS STILL IN EXISTENCE, BUT THE FOOTPRINT -- NO.
SO THE THEATER HAS BEEN RELOCATED OR HAS CEASED OPERATIONS.
CAN YOU EXPOUND ON THAT.
AND I NOTICED THAT THE FOOTPRINT OF THE ALTERATIONS BEING

PROPOSED HAS CHANGED.

COULD YOU JUST SPEAK TO THAT CHANGE AS WELL.

>> SURE.

I THINK THAT IS CORRECT.

THE SHATTUCK CINEMA HAS CEASED OPERATIONS, BUT THE FACILITY IS STILL THERE.

THE DIFFERENCE IN THE PROJECT BOUNDARIES, I BELIEVE THIS CURRENT PROJECT BOUNDARY LINE HAS PULLED BACK FROM THE SHATTUCK CINEMA FACILITY, THE AREA BACK TO -- I'M NOT SURE HOW MUCH, MAYBE 10 OR 15 FEET OR SOMETHING LIKE THAT.

IT'S A SMALLER FOOTPRINT THAN THE PREVIOUS PROJECT IN THAT AREA.

THE OTHER BOUNDARIES OF THE PROJECT ARE PRETTY MUCH THE SAME.

>> I. TREGUB: I JUST WANTED TO MAKE SURE THE DEMOLITION OF THE THEATERS IS NOT PROPOSED IN THIS RENDITION OF THE PROJECT, CORRECT?

>> I BELIEVE THAT A PORTION OF THE THEATER FACILITIES ARE BEING DEMOLISHED.

AND REPLACED WITH THE UNDERGROUND GARAGE.

>> I. TREGUB: I SEE, OKAY, THANK YOU.

>> C. KAHN: DEBBIE.

>> D. SANDERSON: I HAVE A COUPLE OF QUESTIONS.

FIRST, THE TERRACE AT GROUND LEVEL ON THE NORTH SIDE OF THE BUILDING.

IT'S ADJACENT TO COMMERCIAL SPACE LABELED "COFFEE SHOP."

AND THE PUBLIC SPACE SHOWS IF YOU LOOK AT A-1-111.

YOU CAN SEE ON THE LEFT THERE, THE PUBLIC SPACE, IT IS UNDER THE BUILDING FROM THE SECOND FLOOR UP.

I JUST WANTED TO MAKE IT SURE I'M CLEAR ON THIS.

SO THE SPACE UNDERNEATH THAT AT GROUND LEVEL IS A PUBLIC SPACE.

AND THERE IS A DOOR FROM IT TO THE COFFEE SHOP.

I WANTED TO BE SURE AND MAYBE WE ADD A CONDITION OF APPROVAL THAT THAT SPACE REMAIN PUBLIC AND NOT BE TREATED AS IF IT'S PART OF THE COFFEE SHOP.

I WANDERED THERE MANY TIMES LOOKING FOR A NICE PLACE TO SIT WITH MY LUNCH AND KEPT GETTING SHOOED AWAY FROM THE PLACE NEXT TO THE LIBRARY.

THIS IS A WONDERFUL PLACE FOR PEOPLE TO SIT AND EAT THEIR LUNCH OR CHAT.

I WANTED TO BE CLEAR THAT THAT IS PUBLIC SPACE AND CANNOT BE CLAIMED TO BE PART OF THE COFFEE SHOP.

>> C. KAHN: IS THERE A QUESTION IN YOUR COMMENT HERE?

>> I JUST WANTED TO BE SURE I WAS RIGHT, THAT IS PUBLIC SPACE AND NOT PART OF THE COFFEE SHOP.

>> C. KAHN: SHARON, CAN YOU RESPOND TO THAT?

>> THAT IS MEANT TO BE PUBLIC SPACE AND PUBLICLY ACCESSIBLE.

AND IT CONTRIBUTES TO THE PRIVATELY-OWN PUBLIC OPEN SPACE IN THE PROJECT.

BUT I THINK YOU DO RAISE A GOOD POINT WHERE YOU MAY WISH TO

CONDITION IT SO THAT THAT SPACE DOESN'T EVER GET TAKEN UP BY THE COFFEE SHOP OPERATIONS.

>> OKAY.

THE OTHER QUESTION I HAD IS THAT I NOTICED THAT THE SECOND THROUGH 7TH FLOOR ACROSS THE PROPERTY LINE -- CROSSED THE PROPERTY LINE A LITTLE BIT ON THE HAROLD WAY SIDE.

I DIDN'T SEE ANY MENTION OF THE PERMIT AND -- LET ME SEE WHAT PAGE THAT IS ON.

SO IS THERE SOME -- IT MAKES THE FRONT OF THE BUILDING MUCH MORE INTERESTING.

IT HAS A SLIGHT BEND TO IT, WHICH I LIKE.

BUT I'M CURIOUS THAT THERE IS NO [INDISCERNIBLE] FROM IT.

>> THERE WOULD BE AN ENCROACHMENT PERMIT THEY HAVE TO APPLY FOR AN ENCROACHMENT PERMIT FROM PUBLIC WORKS.

>> OKAY.

THANK YOU.

>> C. KAHN: JUST TO BE CLEAR, I'M LOOKING AT SHEET 1-A-004, DEBBIE.

THE AREA THAT YOU ARE ADDRESS IN YOUR ORIGINAL COMMENT THAT SHARON CONFIRMED IS PUBLIC SPACE.

CAN YOU IDENTIFY IT -- WHERE IT IS ON THIS SHEET SO WE'RE ALL ON THE SAME PAGE?

>> IT'S THE PIECE AT THE NORTHWEST CORNER ADJACENT TO --

>> C. KAHN: THAT WOULD WORK.

A-1-111.

>> RIGHT.

SO IT'S THE PIECE ON THE LEFT-HAND SIDE ADJACENT TO ALLSTON WAY.

ANY QUESTIONS?

>> C. KAHN: IF -- I MEAN IT SOUNDS LIKE THERE MAY BE A CONDITION PLACED ON THE -- IF THIS MOTION TONIGHT -- I WANTED ALL THE COMMISSIONERS TO BE CLEAR ABOUT THE AREA OF YOUR CONCERN.

>> YES.

THAT'S IT RIGHT THERE.

>> C. KAHN: IT'S ALONG ALLISON WAY?

>> FRONTS ON ALLSTON WAY ON THE CORNER OF ALLISON AND HAROLD. THE BUILDING IS RECESSED AT GROUND LEVEL FROM THE SECOND FLOOR TO THE 7TH FLOOR, THE BUILDING PROTRUDES OVER THAT SPACE.

>> WHAT YOU'RE SAYING IS THE SPACE WHICH ON THIS SHEET IS IDENTIFIED AS OUTDOOR SPACE IS OPEN TO THE PUBLIC, YOU WANT TO CONFIRM IT WILL BE OPEN TO THE PUBLIC IN PERPETUITY FOR ZONING.

>> RIGHT.

>> C. KAHN: THANK YOU, I WANTED TO BE CLEAR SO WE WERE ALL LITERALLY ON THE SAME PAGE.

THANK YOU FOR THAT.

ANYONE ELSE FROM THIS COMMISSION FOR QUESTIONS FOR SHARON OR KATIE?

VERY GOOD.

WELL, THANK YOU BOTHER YOUR PRESENTATIONS.

WE'LL BRING IT BACK TO THE ATTENDEE -- SORRY, TO THE APPLICANT.

AND I SEE WILLIAM SCHRADER IS HERE AS WELL AS MOHAMMED MOSA.

IS THERE ANYONE ELSE FROM YOUR TEAM?

>> NO IT'S JUST MOHAMMED AND I, ALTHOUGH WE HAVE A FULL COMPLEMENT OF FOLKS IF THERE ARE ANY QUESTIONS HE AND I CAN'T ANSWER.

>> C. KAHN: VERY GOOD.

THANK YOU.

>> ARE YOU READY FOR US TO GET GOING?

>> C. KAHN: I DON'T SEE A TIMER UP THERE BUT I CAN KEEP TRACK.

YOU HAVE FIVE MINUTES.

>> THANK YOU.

SO IN THE SPIRIT OF BEING EFFICIENT, I'M --

>> C. KAHN: AS SOON AS YOUR AUDIO IS WORKING.

I DON'T HEAR YOU.

>> I SHOULD BE.

>> I. TREGUB: I HEAR YOU.

>> I HEAR YOU.

>> TEST, TEST.

>> WE CAN HEAR YOU.

>> CHARLES, CAN YOU HEAR ME?

>> WE'RE HAVING TECHNICAL DIFFICULTIES.

I DON'T KNOW WHY.

YOU MIGHT TRY CALLING IN ON YOUR CELL PHONE.

>> WE CAN ALL HEAR.

>> YOU'RE THE ONLY ONE THAT CAN'T HEAR.

>> C. KAHN: I'M THE ONLY ONE THAT CAN'T HEAR?

THAT'S CRAZY.

I CAN HEAR YOU NOW.

>> IN THE SPIRIT OF BEING EFFICIENT, I'M JUST GOING TO SPEND ABOUT 30 SECONDS THEN I'LL PASS THE BATON OVER TO MOHAMMED.

I WANTED TO QUICKLY THANK THE PLANNING STAFF.

WE WORKED HARD WITH THE FULL COMPLEMENT OF STAFF INCLUDING ECONOMIC DEVELOPMENT.

BEFORE WE SUBMITTED ANYTHING ON THIS PROJECT.

BECAUSE YOU GUYS, THE LAST TIME 24 WENT THROUGH, IT WAS CONTROVERSIAL AND WE WANTED TO WORK COHESIVELY WITH STAFF FIRST BEFORE WE BROUGHT IT OUT TO THE COMMISSION AND COMMUNITY.

WE DID MEET WITH DESIGN REVIEW AND LANDMARKS TWICE.

WE'VE BEEN APPROVED BY BOTH.

AND WE WOULD LIKE TO GET MOVING AND GET THIS PROJECT OFF THE GROUND IN THE NEXT COUPLE OF MONTHS.

HOPEFULLY WE CAN GET A POSITIVE APPROVAL TONIGHT AND GET MUCH-NEEDED HOUSING IN DOWNTOWN BERKELEY.

AND WE'RE EXCITED ABOUT THE PROJECT.

WE TRIED HARD TO MEET A LOT OF DIFFERENT PEOPLE'S INTERESTS AND PERSPECTIVES ON THIS PROJECT.

GIVEN ITS LOCATION, AND THE HISTORIC NATURE OF KIND OF THIS

BLOCK.

WHICH HAS BEEN STATED BY SHARON, WE HAVE THE POST OFFICE HISTORIC, CERTAINLY THE HOTEL IS HISTORIC AND SOME OF THE COLLEGE BUILDINGS ARE HISTORIC.

WITH THAT, I'LL TURN IT OVER TO MOHAMMED AND HOPEFULLY WE'LL GET A COUPLE OF MINUTES.

IF WE NEED ANY REBUTTAL OR ANSWERS AND WE'VE PREPARED TO DO THAT TONIGHT.

SO THANK YOU.

>> CAN I BE PROMOTED TO A PANELIST TO SHARE MY SCREEN?

>> C. KAHN: I SEEM TO BE HAVING AUDITORY PROBLEMS?

GO AHEAD, MOHAMMED.

>> I'M GOING TO DO A QUICK OVERVIEW AND ADDRESS SOME OF THE COMMENTS THAT WE RECEIVED AND THE CONDITIONS WE GOT FROM OUR LAST LPC MEETING.

THIS IS GROUND LEVEL.

YOU CAN SEE HIGHLIGHTED IN ORANGE, THAT'S ALL THE COMMERCIAL SPACE WE HAVE PROVIDED.

WE ARE UNDER 500,000 SQUARE FEET IN COMMERCIAL SPACE.

HIGHLIGHTED IN YELLOW IS THE LEASING OFFICE, RESIDENTIAL AMENITIES AND SERVICES ARE ALIGNED TOWARDS THE ABBEY AT THE BACK.

ONE OF THE CONDITIONS WE GOT FROM LPC TO DO WITH THE COMMERCIAL SPACE AT HAROLD AND KITTREDGE.

WE GOT A LOT OF FEEDBACK IN TERMS OF BEING ABLE TO ACTIVATE THE CORNER AND INCLUDE COMMERCIAL.

WE OFFICIALLY PUT THIS NARROW STRIP OF RETAIL BUT IN THE SECOND MEETING WITH LPC WE GOT COMMENT AND CONCERNS ABOUT THE LIABILITY OF A COMMERCIAL SPACE SO WE WIDENED IT.

WE'RE SHOWING HOW [INDISCERNIBLE] IN THAT SCENARIO.

A SECOND COMMENT WE RECEIVED HAS DO WITH THE CONNECTION BETWEEN THE BIKE LOCKERS AND THE LOBBY AT THE GROUND LEVEL.

WE INCORPORATED A RAMPING SYSTEM.

THERE IS A LITTLE BIT OF A CHANGE HERE BETWEEN THE LOCKERS FROM THE ABBEY AND RESIDENTIAL LOBBY.

WE ENDED UP HAVING TO INCLUDE THIS RAMPING WHICH GOES ALL THE WAY UP SO IT PROVIDES A CONVENIENT CONNECTION.

THAT WAS ONE OF THE CONDITIONS.

TYPICAL LEVEL, RESIDENTIAL, VERY STRAIGHTFORWARD.

THE FACADES, I SPENT TIME WORKING ON THIS.

WE WANTED TO MAKE SURE THAT THE DESIGN IS COMPLEMENTARY TO THE HISTORIC BUILDINGS THAT WE HAVE NEXT TO US AND ACROSS THE STREET WITH THE LIBRARY.

SHATTUCK PLAZA ON THE RIGHT IS THERE AND FAR RIGHT.

CONSIDERING ALL OF THE DOWNTOWN GUIDELINES, YOU CAN SEE WE HAVE A STRONG BASE, [INDISCERNIBLE] DURABLE MATERIALS AT THE BASE OF THE BUILDING AND AS WE GO UP THE BUILDING YOU SEE THE LIGHTER COLORS AND AT THE TOP OF THE BUILDING, WE HAVE STUCCO IN THE

SANDY COLOR.

THIS RIGHT HERE SHOWS HOW WE'VE TAKEN THE MASSING FROM THE HOTEL SHATTUCK PLAZA AND TRIES TO COMPLEMENT THE CONDITIONS.

YOU SEE HOW WE DREW THESE LINES AND TRIED TO CAPTURE A SIMILAR MASSING ALONG THE FACADE.

THIS HERE SHOWS THAT COMMERCIAL SPACE THAT WE ADDED AT THE INTERSECTION OF HAROLD AND KITTREDGE.

THAT IS OUR FRONT DOOR.

I THINK THE CHANGE REALLY DID IMPROVE THE ESTHETICS AND THE ACTIVATION OF THE CORNER OF THAT AREA.

HERE IT IS AGAIN.

YOU CAN SEE ALL THE COMMERCIAL SPACE THAT WE'VE GOT.

IT WRAPS THE THREE STREETS AND TOUCHES SIDEWALKS.

THIS IS THE ALLSTON/HAROLD INTERSECTION.

THIS THE AREA MENTIONED AS THE OPEN PUBLIC -- OPEN TO THE PUBLIC.

IT'S AN OPEN SPACE.

WE WENT BACK AND FORTH ON THIS A COUPLE OF TIMES AND ENDED UP WITH THIS DESIGN THAT CAPTURED SCREENING, WE ADDED SOME OPEN BUT WE GOT COMMENTS THAT IT WASN'T HOLDINGS THE EDGE OF THE STREET THE SAME WAY THE HOTEL SHATTUCK WAS DOING.

WE INCORPORATED THIS METAL SCREEN AND IT CREATED A UNIQUE SPACE HERE.

WE HAVE A LITTLE BIT OF GRADING AND THIS DROPS AND GIVES US THE

DRAMATIC HEIGHT ESPECIALLY WITH THE FACT THAT WE HAVE TWO-STOREY VOLUME AT THAT LOCATION.

I THINK THIS IS TURNING OUT WELL.

WE'RE PLEASED WITH HOW IT'S PROGRESSING.

>> SIR, I WANT TO LET YOU KNOW THAT FIVE MINUTES IS UP FOR THE APPLICANT.

>> C. KAHN: I'LL GIVE YOU ANOTHER MINUTE.

THIS IS A SUBSTANTIAL PROJECT.

>> I'LL WRAP UP IN A MINUTE.

YOU MAY NOTICE THAT THE CORNER OF ALLSTON HAS MODERN-TYPE DETAILING COMPARED TO KITTREDGE.

THAT ACTUALLY LOBBED OVER THE MEETINGS THAT WE HAD.

WE HAD STARTED WITH MORE OF A MODERN LOOK FOR THE ENTIRE PERIMETER OF THE BUILDINGS.

WE WERE ENCOURAGED TO LOOK AT SOMETHING MORE FORMAL ON THE KITTREDGE FACADE.

THAT'S WHERE YOU'RE SEEING THE RED HERE IS THE FACADE THAT WE'RE LOOKING AT ON KITTREDGE AND THAT ENDED UP BEING MORE SYMMETRICAL AND ORGANIZED IN TERMS OF PATTERN AND WE'VE TAKEN THIS LONG FACADE CONDITION FROM THAT MORE FORMAL DESIGN AND DETAILING SO SOMETHING THAT IS MORE MODERN.

THAT CAME UP IN OUR LPC MEETINGS AND WE'RE ENCOURAGED TO LOOK AT IT GIVEN THE SIZE OF THE BUILDING TO LOOK AT IT POTENTIALLY AS SLIGHTLY DIFFERENT STYLING BETWEEN THE TWO SIDES.

WE CAPTURED THAT IN THE DEVELOPMENT.

THE THIRD COMMENT HAS TO DEAL WITH THE PLAZA.

WE HAVE WORKED WITH COMMITTEE ON THIS ONE.

INITIALLY WE GOT FEEDBACK ON HOW THE PLAZA IS DISCONNECTED WITH THE SIDEWALKS.

WE HAD STEPS AND BIG BANNER TO HOLD THE EDGE.

ALONG THE WAY, WE WERE ABLE TO WORK ON BASICALLY [INDISCERNIBLE] CONNECTED THE SIDEWALK AND IT OPENS IT UP AND MAKES IT MORE INVITING AND YOU CAN SEE SOME OF THE FEATURES THAT WE'VE GOT THERE WITH THE SEATING AND OUTDOOR SEATING THAT WILL BE OUTSIDE THAT COMMERCIAL SAYS THAT WE ADDED.

LAST THING TO SHOW YOU, THERE WERE DISCUSSION ABOUT THE DETAILING AND IMPROVING THE OVERALL FEEL FOR THE PLAZA AREA.

AND THIS IS OBVIOUSLY NOT THE COLORS WE'RE PROPOSING BUT WE TOOK THE SAME DETAILING THAT WE HAD HERE AND WE WRAPPED THAT AROUND THE ENTIRE PERIMETER SO YOU CAN SEE ON THE HAROLD FACADE, THERE IS A LOT OF DETAILING RELATED TO THE BRICK AND OVERHANGS AND THE AWNINGS OVER THE WORK UNITS.

IT REALLY HELPS BREAK UP THE FACADE AND STRENGTHEN THE BASE ALL THE WAY TO ALLSTON.

WE HAD ORIGINALLY NOT INCLUDED ANY OF THE WORK UNITS AND FACADE LOOKED SOMETHING LIKE THIS AND WE GOT FEEDBACK FROM DEVELOPMENT AND STAFF THAT WE NEEDED TO BREAK IT UP MORE AND KNEED TO CONNECT TO THE SIDEWALK AND ACTIVATE IT.

WHERE WE WERE HEADED IS TURNING OUT TO BE MUCH BETTER.

WITH THAT, I GOT ALL THE DRAWINGS THAT YOU HAVE IN YOUR PACKET.

I HAVE THE MODEL AND I'M HAPPY TO ANSWER ANY QUESTIONS AND GET INTO ANY ASPECTS OF THE PROJECT IN MORE DETAIL.

I APPRECIATE THE EXTRA COUPLE OF MINUTES.

>> C. KAHN: THANK YOU MOHAMMED.

IT'S A MAJOR PROJECT FOR THE CITY AND SIZE.

MUCH LARGER THAN WHAT WE TYPICALLY SEE AND I THINK IT MERITS FOR THIS COMMISSION AN ADDITION MINUTE OR TWO TO UNDERSTAND WHAT YOU'RE DOING.

ANY QUESTIONS FOR THE APPLICANT? I DON'T SEE ANY HANDS.

I THINK -- DEBBIE.

>> D. SANDERSON: IT TAKES ME A WHILE TO SCROLL OVER TO THE HAND RAISED.

ON THE SIDE, THERE IS ONE BEDROOM AND ONE UNIT THAT IS NOT A LIVE/WORK UNIT.

I'M CURIOUS WHY YOU HAVE THAT THERE.

AND NOT [INDISCERNIBLE]

IN YOUR DRAWING ON THE BOTTOM RIGHT CORNER, THERE IS A DWELLING UNIT AT GROUND LEVEL.

>> C. KAHN: YES.

>> AND IT'S ODD TO HAVE IT AT GROUND LEVEL.

I KNOW THE DOWNTOWN AREA PLAN LETS YOU DO THAT IF YOU'RE NOT ON A MAJOR STREET.

I'M JUST CURIOUS AS TO WHY YOU DIDN'T JUST MAKE THAT COMMERCIAL.

>> I'M HAPPY TO ANSWER THAT.

WHEN WE STARTED IN ORDER TO GET THE DENSITY IN, WE ACTUALLY HAD A LOT MORE UNITS ON THE GROUND LEVEL.

THE WAY IT'S CONFIGURED IT'S A LEASING OFFICE ENTRY AREA AND WE HAD UNITS ALL ALONG HAROLD AND HAD A SPACE ON THE FACADE.

WHEN WE STARTED TO GET FEEDBACK FROM STAFFING, WE QUICKLY UNDERSTOOD THAT WE'RE GOING TO NEED TO PROVIDE A LITTLE BIT MORE ACCESS -- A LITTLE BIT MORE CONNECTIVITY TO THE SIDEWALKS.

THIS IS THE FACADE ALL THE WAY AT GROUND LEVEL.

SLOWLY WE'VE STARTED WITH THREE LIVE/WORK UNITS AND THAT GREW TO FOUR.

WE DIDN'T NECESSARILY REPLACE ALL OF THE RESIDENTIAL ON THE GROUND, WE WORKED OUT AS YOU'RE SEEING IN THE FACADE HERE SO WE DID EVERY 50 OR 60 FEET OR SO WE HAVE AN ENTRY TO BREAK THE GROUND LEVEL FROM BEING CONTINUOUS SO WE WERE ABLE TO SAVE A FEW OF THE UNITS ACCESSIBLE FROM THE ENTRY CORRIDORS.

ALL OF THESE LIVE/WORK UNITS AS WELL AS THE WOULD UNITS THAT I HAVE HERE ARE ACCESSIBLE FROM THE INTERNAL CORRIDOR THAT IS CONNECTED TO THE LOBBY.

THE FOUR LIVE/WORK UNITS HAVE THEIR OWN ENTRIES FROM HAROLD AS WELL.

THAT CONNECTS DIRECTLY INTO THE COMMERCIAL COMPONENT.

>> THANK YOU.

>> C. KAHN: I SEEM TO BE HAVING TROUBLE WITH MY HEAD SET, CAN YOU HEAR ME?

>> WE CAN HEAR YOU.

>> C. KAHN: THANKS FOR ANSWERING THAT QUESTION.

ANY OTHER QUESTIONS FROM THE COMMISSION?

IN THAT CASE WE'LL OPEN IT UP TO ATTENDEES.

I SEE TWO HANDS UP NOW.

IF ANYONE ELSE WISHES TO SPEAK, RAISE YOUR HAND NOW.

WE'LL RECOGNIZE JOHN AND KELLY.

JOHN D., YOU ARE UP.

>> THANK YOU.

I'M SPEAKING FOR EAST BAY RESIDENT RESPONSIBLE DEVELOPMENT.

I WANT TO APOLOGIZE FOR MISS GONG AND COMMISSIONERS FOR THE LATE FILING OF OUR LETTER.

ONE IS THAT WE WANTED TO LOOK AT THE STAFF FINDINGS FOR THE INTRODUCTION OF THE HARD HAT ORDINANCE AND THEY SUPPORT WHAT IS IN THE LETTER IN FRONT OF YOU AND CONDITIONS OF APPROVAL.

THE SECOND IS WE HAD A CONVERSATION WITH BILL, THE APPLICANT AND HOPED HE'D TURN AWAY FROM THE LOW ROAD CONSTRUCTION MODEL, BUT THAT DID NOT HAPPEN.

THOSE THINGS CONTRIBUTED TO THE LATE LETTER.

THIS PROJECT IS INCONSISTENT WITH THE CITY WORK GOALS AND ECONOMIC REQUIREMENTS FOR THE GENERAL PLAN AND DOWNTOWN AREA PLAN.

THE ZONING CODE MANDATES THAT USE PERMITS FOR HOUSING PROJECTS CANNOT BE APPROVED IF THEY'RE DETRIMENTAL TO THE RESIDENT AND SURROUNDING NEIGHBORHOOD.

THIS IS INCONSISTENT AND WOULD CAUSE DETRIMENTAL IMPACTS TO THE RESIDENTS AND CONSTRUCTION WORKFORCE.

CONSTRUCTION WORKERS ARE FOUR TIMES LESS LIKELY TO BE ENSURED.

THE BUSINESS MODEL THIS DEVELOPER HAS EMBRACED IS OPEN SHOT.

REGARDLESS OF WHETHER THEY'RE UNION OR NONUNION, THE CONTRACTORS HAVE A PRACTICE IN THIS CITY WHICH DOESN'T PROVIDE HEALTH CARE COVERAGE THAT THEY NEED.

THIS PROJECT WILL NOT HAVE PREMISES ON THE PROJECT WHICH MEANS WE'RE NOT TRAINING A WORKFORCE TO BUILD THE HOUSING THAT WE MUST HAVE.

I SUGGEST YOU PUT TWO CONDITIONS ON THIS PROJECT, ONE IS THAT THEY HAVE HEALTH CARE COVERAGE AND TWO THAT THE PREMISES BE EMPLOYED IN THE CONSTRUCTION OF THE PROJECT.

THANK YOU VERY MUCH FOR YOUR TIME.

>> C. KAHN: THANK YOU, JOHN.

WE HAVE KELLY.

>> THANK YOU.

I HAVE SEVERAL COMMENTS AND SINCE THERE ARE TWO OF US, I HOPE IF I RUN OVER, YOU WON'T CUT ME OFF.

>> C. KAHN: GO AHEAD.

>> WHEN THE INITIAL EIR WAS DONE, I WOULD SAY WE WERE LESS AWARE

OF THE IMPACT OF ALL THE GLASS ON BIRDS.

THERE IS A LOT OF GLASS ON THIS BUILDING.

LOTS AND LOTS OF WINDOWS.

THAT SHOULD MAKE ORDERING BIRD-SAFE GLASS THROUGHOUT THE BUILDING MUCH EASIER FOR THIS DEVELOPMENT.

I WOULD ASK THAT WE MAKE IT 100-100-100.

THAT WOULD BE BIRD-SAFE GLASS ALL THE WAY AROUND THE BUILDING.

IT'S 8 STOREYS.

THAT WOULD BE FROM THE GROUND TO THE TOP.

AND THEY ASKED FOR CONDITIONS AND EXCEPTIONS.

I WOULD ASK THAT WE GET BIRD-SAFE GLASS IN EXCHANGE.

THE OTHER THING IS WE'RE TAKING OUT THE SHATTUCK CINEMAS AND ONE OF THE QUESTIONS THAT GOT LOST AT THE LPC BECAUSE SOMEONE WASN'T THERE AND HIS NOTE DIDN'T GET READ UNTIL AFTER THE VOTE.

HE REQUESTED THAT BEFORE THE WRECKING BALL GOES TO THE BUILDING THAT THERE ARE PICTURES TAKEN OF THE SHATTUCK CINEMA.

THEY'RE NOT LANDMARKED, BUT THIS COULD BE A NICE DECORATIVE THING LIKE IN ONE OF THEIR ROOMS WITH THE BUILDING.

THEY'RE FABULOUS MURALS IN THERE.

I WOULD ALSO ASK BEFORE THE WRECKING BALL TAKES DOWN THE BUILDING THEY DO WHAT THEY CAN TO RECONSTRUCT THE SHATTUCK CINEMAS, THAT IT COULD BE REUSED RATHER THAN GOING INTO THE LANDFILL.

WE HAVE A WALL OF BLACK STUCCO.

AS I TALKED ABOUT AT THE DESIGN REVIEW COMMITTEE, AND WE'LL BE SENDING A NOTE ON THIS.

ACCORDING TO THE LOCAL HAZARD MITIGATION PLAN IN TERMS OF DEALING WITH EXTREME HEAT IN THE FUTURE, THAT AN ABUNDANCE MUCH HARD DARK SURFACES SUCH AS BUILDINGS AND WALLS WILL EXACERBATE THE URBAN HEAT ISLAND EFFECT.

I NOTICED IN ONE OF THE OTHER BUILDINGS THAT MR. SCHRADER HAS DONE, HE PUT BLACK STUCCO ON THE TOP OF THE BUILDING WHICH IS OPPOSITE WHAT WE SHOULD BE DOING TO COPE WITH EXTREME HEAT EVENTS.

ACCORDING TO THE LOCAL HAZARD MITIGATION PLAN, WE CAN EXPECT A LOT OF THOSE.

BESIDES THAT, THE BLACK IS JUST DREARY.

>> C. KAHN: PLEASE WRAP IT UP.

>> IT WOULD BE NICE TO HAVE SOMETHING THAT IS JUST A LIGHTER COLOR THAT IS MORE PLEASANT FOR PEOPLE TO LOOK AT THAN BLACK WALLS THAT ARE GOING TO ABSORB HEAT.

THANK YOU VERY MUCH.

>> C. KAHN: ONE MORE SPEAKER, THEN WE'LL HEAR FROM THE APPLICANT.

JACK.

YOU'RE STILL MUTED, JACK.

I'M NOT SURE WHAT THE PROBLEM IS, BUT JACK SEEMS TO BE MUTED.

I'LL GIVE THE APPLICANT AN TONIGHT TO RESPOND TO THE COMMENTS.

JACK, IF YOU CAN FIGURE OUT A WAY TO UNMUTE YOURSELF, WE'LL TRY TO GIVE YOU A SHOT.

IT'S A TWO-MINUTE RESPONSE TIME.

>> CHARLES, CAN YOU HEAR ME THIS TIME?

>> C. KAHN: YES.

>> I THINK IT'S ISOLATED TO YOU.

USUALLY IT'S ME.

SO, YES, THANK YOU FOR THE TWO MINUTES.

I WILL BE PASSING THE BATON TO TODD WILLIAMS, OUR ATTORNEY TO TALK ABOUT THE UNION ISSUE.

I'LL ADDRESS KELLY'S BIRD GLASS, THE MURALS THAT ARE CURRENTLY INTERNAL TO THE MOVIE THEATER AS WELL AS THE LOBBY IN THE MOVIE THEATER AS WELL AS THE DEMOLITION.

LET ME TAKE IT IN REVERSE ORDER.

THE DEMOLITION REQUIREMENTS BOTH IN THE CITY OF BERKELEY AND IN THE STATE OF CALIFORNIA ARE REGULATED.

WE'LL BE FOLLOWING ALL THOSE GUIDELINES FOR BREAK THE BUILDING.

IT'S DECONSTRUCTION THESE DAYS.

I WOULDN'T CALL IT DEMOLITION.

WE HAVE TO USE GREEN HALO AND WE'LL TAKE ANY OF THE MATERIALS THAT ARE RECYCLABLE, THEY'LL GO INTO THE CORRECT PLACES.

THE MURALS AND OTHER ELEMENTS INSIDE THE THEATERS WE'VE INVENTORIED AND TAKEN PHOTOS OF AND WE'LL TRY TO SAVE AND PUT SOME OF THAT IN UNIQUE LOCATIONS WITHIN THE BUILDING.

LAST ON BIRD GLASS, THE PROBLEM IS WE JUST DON'T KNOW ENOUGH YET ABOUT BIRD GLASS AND HOW IT WORKS.

I ALREADY HAD ANOTHER PROJECT WHERE THIS CAME UP.

AND I'VE DONE PERSONAL RESEARCH ON BIRD GLASS.

THE PROBLEM IS THE GLASS MANUFACTURERS HAVE NOT SYNCED UP YET WITH THE WINDOW MANUFACTURERS.

I DID AGREE TO PUT SOME FILM ON THE GROUND FLOOR OF ANOTHER BUILDING WHERE WE HAD SOME LANDSCAPING THAT COULD ATTRACT BIRDS.

I THINK IT'S STILL UP IN THE AIR AND I THINK STAFF IS REVIEWING THIS ISSUE RIGHT NOW AS A REFERRAL FROM COUNCIL.

IT'S NOT CLEAR TO ME THAT BIRD GLASS IS SOMETHING THAT IS REQUIRED ABOVE THE GROUND FLOOR.

AS WELL AS FRANKLY EVEN THE GROUND FLOOR IT'S NOT CLEAR.

I THINK THERE NEEDS TO BE MORE WORK DONE BY STAFF.

AND ALL OF US AS DEVELOPERS, IF THERE IS A PATH FORWARD, IT'S SOMETHING THAT WE'LL LOOK AT.

>> C. KAHN: YOU'RE OUT OF TIME, BUT I HAVE A QUESTION FOR YOUR ATTORNEY.

WHAT DOES HE HAVE TO SAY ABOUT THE OTHER CONCERNS VOICED BY JOHN D.?

REGARDING APPRENTICE AND HEALTHCARE COVERAGE.

>> TODD.

I THINK YOU MIGHT NEED TO PROMOTE HIM.

>> C. KAHN: HE'S PROMOTED NOW.

>> THERE WE GO.

>> YOU'RE MUTED.

THERE YOU GO.

>> I'LL BE BRIEF.

WE HAVE NOT SEEN THE LETTER THAT WAS SUBMITTED LATE.

WE'VE BEEN ASKING FOR CORRESPONDENCE ALL DAY SO CLEARLY THIS CAME IN EVEN AFTER THE HEARING STARTED.

I DON'T KNOW.

TO THE REQUEST TO ADD TWO CONDITIONS REGARDING PROVIDING HEALTHCARE COVERAGE AND FOR APPRENTICES, WE DON'T THINK THAT IS A REQUIREMENT THAT COULD BE LEGALLY MANDATED FOR THIS PROJECT GIVEN THE VERY BROAD POLICIES AS THE STAFF REPORT SETS OUT.

THERE IS NO BASIS IN THE RECORD TO SUPPORT A FINDING THAT THIS PROJECT WOULD RESULT IN ANY PUBLIC HEALTH AND SAFETY ISSUES RELATED TO THE HAA OR ANY OTHER LAW.

WE DON'T THINK THERE IS A LEGAL BASIS TO SUPPORT ADDING THOSE TWO PROPOSED CONDITIONS.

>> C. KAHN: OKAY.

>> CHARLES, IF I COULD ADD KIND OF A BROADER PERSPECTIVE, I KNOW JOHN PERSONALLY.

I'VE HAD LUNCH AND BREAKFAST WITH HIM AND WORKED WITH HIM OUTSIDE OF BERKELEY SO I KNOW HIM.

WE HAVE BEEN BUILDING -- MANY DEVELOPERS IN BUILDING HAVE BEEN BUILDING OPEN SHOP SINCE THE DOWNTOWN PLAN WAS PUT IN PLACE.

AND EVERY PROJECT THAT I HAVE BUILT IN TOWN HAS RESULTED IN SOMEWHERE BETWEEN 40 AND 60% UNION ANY WAY AS AN OPEN SHOP.

I UNDERSTAND THAT UNIONS WOULD LIKE TO HAVE --

>> C. KAHN: BILL, I DON'T THINK UNION OR NON-UNION IS OUR PREROGATIVE.

IT'S NOT IN THE ZONING CODE.

THAT'S A DEVELOPMENT ISSUE.

JACK HAS FINALLY BECOME UNMUTED.

JACK, I'LL GIVE YOU YOUR TWO MINUTES IN COURT.

>> I APOLOGIZE FOR THAT.

TOTALLY MY PROBLEM.

THERE ARE TWO THINGS THAT I JUST WANT TO BE CLEAR ABOUT.

IF I UNDERSTAND CORRECTLY, THE COMMERCIAL DEVELOPMENT IS ALONG KITTREDGE, THE LIVE/WORK UNITS ARE ALONG HAROLD.

>> QUESTION, ACCEPT THAT LIVE/WORK IS CONSIDERED A COMMERCIAL USE IN THE BERKELEY CODE.

>> THE OTHER QUESTION I HAVE -- LET ME EXPLAIN THAT I'M WITH THE DHARMA COLLEGE MODEL AND RESEARCH CENTER.

I'M CONCERNED ABOUT HAROLD WAY AND IF THERE IS ANY DISCUSSION ON WHERE THINGS STAND RIGHT NOW.

IN THE DRAWINGS, IT LOOKS LIKE IT'S GOING TO STAY UNAFFECTED.

THERE IS SOME DISCUSSION ABOUT CLOSING IT.

I WOULD LIKE TO HEAR ABOUT THAT.

>> C. KAHN: TO MY KNOWLEDGE, THAT'S NOT PART OF THIS

APPLICATION.

>> THANK YOU.

>> C. KAHN: THANKS, JACK.

WITH AT THAT, I WOULD LIKE TO CLOSE THE PUBLIC HEARING AND BRING IT BACK TO THIS COMMISSION.

I SEE SHARON HAS HER HAND UP.

I WOULD LIKE TO GIVE HER AN OPPORTUNITY TO SPEAK.

>> YES.

THANK YOU.

IT'S BEEN BROUGHT TO MY ATTENTION THAT THERE HAS BEEN AN ADDITION TO THE CHANGES IN THE CONDITIONS DOCUMENT.

CONDITION NUMBER 29 WHICH IS THE PERCENT FOR PUBLIC ART.

IT WILL ALSO PROPOSE TO BE MOVED FROM THE IMPLEMENTATION BEFORE BUILDING PERMIT APPROVAL TO THE CERTIFICATE OF OCCUPANCY SECTION.

>> C. KAHN: VERY GOOD.

ANY MOTION TONIGHT IS SUFFICIENT TO SAY THAT THE CONDITIONS WILL BE ADJUSTED AS ADVOCATED FOR BY STAFF AT TONIGHT'S HEARING.

>> THANK YOU.

>> C. KAHN: VERY GOOD.

I WOULD LIKE THEN TO BRING IT AGAIN BACK TO THE COMMISSIONERS.

>> I. TREGUB: THANK YOU, I KNOW WE'RE NOW RACING THE CLOCK TO SEE IF WE CAN GET SOMETHING DONE BEFORE THE CAPTIONER BREAK.

I WILL KEEP IT QUICK.

I WILL MAKE A MOTION JUST TO PUT SOMETHING FORWARD FOR DISCUSSION.

I WOULD LOVE TO HEAR DEBBIE'S ADDITIONS BECAUSE I THINK THERE IS A CONDITION SHE WANTS TO PROPOSE.

BUT MY MOTION IS TO APPROVE THE PROJECT AS-IS.

WITH THAT ADDITION -- I WOULD LIKE TO SEE TWO THINGS.

ON THE BIRD GLASS, AS PART OF MY MOTION, I WOULD LIKE TO MAKE A RECOMMENDATION THAT IT'S PART OF FINAL DESIGN REVIEW, THE USE OF BIRD-SAFE GLASS IS CONSIDERED CONSISTENT WITH WHAT WE HAVE DONE IN OTHER PROJECTS.

I THINK IT WOULD BE APPROPRIATE HERE.

AND I'M SYMPATHETIC TO THE CONCEPT OF MAKING SURE THAT NOT NECESSARILY SPECIFIC TO THIS PROJECT, BUT IN GENERAL THAT CONSTRUCTION NOT BE DONE ON THE BACKS OF WORKS THAT IT SHOULD BE A GATEWAY FOR THEM TO MIDDLE CLASS.

AS JOHN KNOWS AND OTHERS KNOW, I'VE A BEEN A STRONG PROPONENT OF THE HARD HATS ORDINANCE.

THAT'S NOT UP FOR US TO DECIDE ON, BUT MY UNDERSTANDING IT'S COMING TO THE CITY COUNCIL IN DECEMBER.

AND SO, IT MAY -- I WILL LEAVE IT UP TO LEGAL MINDS BRIGHTER THAN MY OWN SINCE I'M NOT A LEGAL MIND TO BEGIN WITH.

AS TO WHETHER IT WOULD BE APPLICABLE HERE WITH THE TIMING OF THINGS.

WE JUST -- I'VE NOT RECEIVED THIS DOCUMENT SO I CAN'T OPINE ON

IT.

THEREFORE, I'M NOT ABLE TO ADD THOSE CONDITIONS TO MY MOTION.

BUT I WANTED TO EXPLAIN MY REASONING FOR THAT.

WITH THAT, I WILL YIELD BACK.

>> C. KAHN: THANK YOU IGOR.

DEBBIE.

DEBBIE, YOU'RE MUTED STILL.

>> D. SANDERSON: I WILL SECOND IGOR'S MOTION.

AND ADD A CONDITION OF APPROVAL ENSURING THAT THE GROUND THAT

THE OPEN SPACE AT THE CORNER OF ALLSTON AND HAROLD WAY

BE -- ASSURED THAT THAT WILL BE A PUBLIC ACCESS.

>> I. TREGUB: I'M AMENABLE TO YOUR AMENDMENT.

>> C. KAHN: I WOULD LIKE TO MAKE MY OWN AMENDMENT WITH YOUR AND

DEBBIE'S PERMISSION WHICH IS THAT THE ADJUSTMENTS TO THE

CONDITIONS CITED BY SHARON ON HER TWO OCCASIONS TONIGHT, BE

ACCEPTED BY THIS COMMISSION.

>> I. TREGUB: SO NOTED.

THANK YOU.

>> C. KAHN: THANK YOU.

WELL, I DON'T SEE ANY OTHER COMMENTS.

THIS IS AN HAA CONSISTENT PROJECT.

>> WE NEED TO TAKE A CAPTIONER'S BREAK.

IT'S 9:01.

>> C. KAHN: HOW LONG DOES THE BREAK NEED TO BE?

>> 10 MINUTES.

>> C. KAHN: WE'LL TAKE 10 MINUTES AND THEN HOPEFULLY GET THIS WRAPPED UP.

SEE YOU AT 9:10, PLEASE.

>> C. KAHN: HEY, IGOR, I'M JUST WAITING FOR A QUORUM.

YOU'RE FREE TO CHAT ANY TIME.

>> WE'RE NOT LIVE.

>> I THINK WE MAY BE LIVE.

BUT IT'S NOT OFFICIALLY DOING BUSINESS.

>> WE DO LOOK ALIVE.

>> C. KAHN: AS MUCH AS ZOOM PERSONALITIES CAN.

AT FIRST IT SEEMED LIKE WE WERE DOING HOLLYWOOD SQUARES.

I THINK I'M SHOWING MY AGE.

IT'S A HOKEY GAME SHOW WHERE THEY HAD NINE CELEBRITIES ANSWERING QUESTIONS AND TRYING TO BE SMART OR FUNNY.

IT WAS A PRETTY FUNNY SHOW.

BUT THEY WERE IN BOXES.

HOLLYWOOD SQUARES.

IGOR, WHERE IS YOUR -- DO YOU KNOW YOUR ROOTS?

ROOTS OF YOUR FAMILY?

>> I. TREGUB: WELL, YEAH.

UKRAINE, BELARUS.

>> C. KAHN: WHEN DID THEY COME HERE?

>> I. TREGUB: I CAME HERE WITH THEM WHEN I WAS A KID.

>> C. KAHN: WELCOME, IGOR.

IT'S A HAPPY MOMENT IN THIS PLACE.

THAT'S GREAT.

WOW!

YOU WERE BORN IN BELARUS?

>> I WAS BORN IN UKRAINE IN KYIV.

>> DO YOU SPEAK UKRAINIAN?

>> BROKEN UKRAINIAN.

>> C. KAHN: THAT'S A WONDERFUL THING.

DO WE HAVE -- I THINK WE HAVE A QUORUM NOW.

WE HAVE SEVEN, NOW AN EIGHTH, WHICH IS GREAT AND IT'S 9:12.

LET'S CONTINUE THE DISCUSSION.

I THINK I WAS JUST ABOUT TO SAY THAT I WOULD BE VOTING FOR YOUR MOTION, IGOR.

AND THAT THERE ARE FOUR HEARINGS IN THIS BUILDING ALREADY.

SORRY, THREE ALREADY.

THIS IS THE FOURTH.

AND WE NEED TO RESERVE ONE FOR COUNCIL.

SO WE NEED TO TAKE ACTION TONIGHT.

WITH THAT, I WOULD LIKE SAMANTHA, LET'S CALL SAMANTHA FOR A VOTE.

>> I. TREGUB: I FORGOT TO ADD THAT I THINK THIS IS GOING TO BE A RECOMMENDATION.

THIS IS GOING FOR FINAL DESIGN REVIEW BUT FOR KELLY'S COMMENT, CONSIDER ANOTHER COLOR PALLET THAN BLACK STUCCO.

I PUT THAT AS A RECOMMENDATION.

>> C. KAHN: WHILE WE'RE ON THE SUBJECT OF RECOMMENDATION, I WOULD LIKE TO RECOMMEND THAT YOU CONSIDER BIRD PROTECTION MEASURES.

OBVIOUSLY THEY'RE CONSIDERING THAT.

BETWEEN NOW AND FINAL DESIGN REVIEW, YOU COULD DETERMINE A METHODOLOGY FOR BIRD SAFETY THAT IS AVAILABLE AND WORKABLE THAT THIS COMMITTEE WOULD SUPPORT THAT FINDING AND FINAL DESIGN REVIEW.

I HAVE ONE OTHER COMMENT THAT ANY THAT WORKS ON A -- I CAN'T UNDERSTAND THAT THEY WOULD NOT HAVE HEALTH INSURANCE.

WE DON'T HAVE THE LEGISLATIVE POWER TO REGULATE THAT.

I PERSONALLY WOULD BE ASHAMED TO BE A DEVELOPER WHO DIDN'T SEE TO IT THAT INSURANCE IS PROVIDED TO EVERY INDIVIDUAL WORKING ON THE SITE.

I EXPECT YOU TO SEE TO THAT.

THAT IS A COMMENT, NOT PART OF THE MOTION.

HOWEVER, THE RECOMMENDATION IS PART OF DISCUSSION IF THAT IS ACCEPTABLE IGOR TO YOU AND DEBBIE.

>> I. TREGUB: I HEARTILY ACCEPT.

>> C. KAHN: SAMANTHA.

>> BOARD SECRETARY: OKAY.

HOPEFULLY I'VE GOTTEN THIS RIGHT.

THE MOTION IS TO -- I HAVE MY STICKY NOTES.

>> C. KAHN: GOOD.

>> BOARD SECRETARY: WE HAVE A MOTION TO ADOPT THE EIR -- WE ACTUALLY DON'T HAVE A MOTION.

>> I. TREGUB: I DID MAKE A MOTION.

>> BOARD SECRETARY: OKAY.

>> I. TREGUB: TO ADOPT THE EIR.

>> BOARD SECRETARY: AND REVISED MMD.

>> I. TREGUB: REVISED MMD.

>> C. KAHN: AND THERE WAS A SECOND.

>> BOARD SECRETARY: MOTION IS TO ADOPT THE EIR ADDENDUM AND APPROVE THE USE PERMIT OF THE FOLLOWING CHANGES.

CONDITIONS NUMBER 29-30 AND 34 WILL BE MOVED TO BE REQUIRED PRIOR TO THE CERTIFICATE OF OCCUPANCY.

THE ADDED CONDITION THAT OPENS ALLSTON AND HAROLD WAY ARE OPEN TO THE PUBLIC.

AND A RECOMMENDATION THAT BIRD-SAFE GLASS IS CONSIDERED AT FINAL DR AS WELL AS BIRD SAFE MEASURES AND CONSIDER ANOTHER COLOR PALLET.

>> I. TREGUB: YES.

>> BOARD SECRETARY: BOARD MEMBER SANDERSON.

>> D. SANDERSON: YES.

>> DUFFY.

>> YES.

>> THOMPSON.

>> YES.

>> CHAIR KAHN.

>> YES.

>> KIM.

>> YES.

>> GAFFNEY.

>> YES.

>> AND TREGUB.

>> YES.

>> BOARD SECRETARY: I KNEW I WAS GOING TO GET IT WRONG AT LEAST ONCE TONIGHT.

>> C. KAHN: AND COMMISSIONER KIM I BELIEVE IS --

>> IS THAT ALL?

DID EVERYONE VOTE?

>> D. KIM: I VOTED, YES.

>> C. KAHN: SORRY.

I DIDN'T HEAR IT.

IT'S UNANIMOUS.

THE USE PERMIT IS APPROVED WITH ALL THE CONVENTIONAL LIMITATIONS AND CONDITION.

AND WE CAN PROCEED WITH THE FINAL COUPLE OF ITEMS.

WE HAVE A FEW MORE ITEMS.

REPORTS FROM COMMITTEES.

I THINK THE ONLY SUBCOMMITTEE RIGHT NOW THAT WOULD BE REPORTING IS DESIGN REVIEW.

AND I AND KIMBERLY MAY MAKE -- YOU MAY HAVE COMMENTS TO OFFER, BUT I WANTED TO LET THIS COMMISSION KNOW THAT WE HAD AN UNUSUAL FOR US MEETING.

AT THE LAST DESIGN REVIEW WHERE WE SPECIFICALLY MADE -- ADDED A DISCUSSION AND HAD A PRESENTATION FROM STAFF ABOUT THE CURRENT OUTLINE OF PROPOSAL TO THE PLANNING COMMISSION FOR BIRD-SAFE GLASS PER COUNCIL'S REQUEST.

IT'S TAKEN SOME TIME COMING.

I THINK KELLY'S AND AARON'S PERSISTENCE ON THIS GOT WHEELS ROLLING AND THAT PROPOSAL WILL BE MADE TO PLANNING COMMISSION.

SAMANTHA, JAMES -- I CAN'T REMEMBER THE NAME OF THE PLANNER WHO PRESENTED.

>> BOARD SECRETARY: JUSTIN PORTER?

>> JUSTIN.

>> FROM THE BOARD.

>> C. KAHN: FORTUNATELY I THINK -- WE HAD A WONDERFUL DISCUSSION ABOUT IT.

AND KELLY AND AARON WERE BOTH ADVANCED PANELISTS.

IT WAS A VERY -- IT WASN'T A FORMAL ACTION ON THE PART OF DESIGN

REVIEW.

WE'RE NOT A LEGISLATIVE BODY AND HAS NO STATUS AS SUCH, BUT WE'RE CONCERNED CITIZENS AND I REALLY APPRECIATE STAFF COMING TO US AND ASKING OUR OPINION ABOUT THE BIRD-SAFE MEASURE.

WE LEARNED A LOT.

THERE ARE A NUMBER OF ARCHITECTS ON THE COMMITTEE.

AND ONE OF THE THINGS THAT WE'RE LEARNING IS THAT THERE IS A NEED FOR BIRD-SAFE GLASS IN OUR BUILDING.

IF THE INDUSTRY HASN'T CAUGHT UP WITH IT YET AND IT'S DIFFICULT TO OBTAIN PARTICULARLY FOR SMALL PROJECTS -- RESIDENTIAL PROJECTS.

SO THERE WILL BE MORE -- WE NEED MORE DATA-GATHERING THAT NEEDS TO.

I THOUGHT THERE WAS A THOUGHTFUL DISCUSSION ABOUT IT COMING FROM THE DRC WHICH SHOULD HELP INFORM PROCESS.

>> IF MANUFACTURERS HAVEN'T CAUGHT UP WITH BIRD-SAFE GLASS WE'LL HAVE OTHER MEASURES LIKE FILM.

FILM IS A GOOD TACTIC.

THERE ARE OTHER WAYS TO MITIGATE IT.

>> C. KAHN: ONE OF THE GOALS THAT WE GENERALLY AGREED UPON WAS CITED EARLIER BY KELLY 100-100-100 PERCENT OF THE PERFORMANCE AND GLASS -- I CAN'T REMEMBER THE EXACT NUMBER AND 100 PERCENT OF THE PROJECT.

WE FELT IT NEEDED TO BE PHASED IN BECAUSE THE PRODUCTS ARE NOT

AVAILABLE FOR HOMEOWNERS.

WE DIDN'T WANT TO DISSUADE HOMEOWNERS FOR REPLACING WINDOWS THAT ARE CURRENTLY NOT ENERGY EFFICIENT.

THAT'S A SUSTAINABLE CONCERN.

YOU HAVE TO BE THOUGHTFUL ABOUT WELL-INTENTIONED LEGISLATION THAT IT DOESN'T HAVE UNINTENDED CONSEQUENCES.

IT WAS GREAT HAVING REALLY FREE AND OPEN DISCUSSION ABOUT IT.

I WANTED TO MAKE THIS COMMISSION AWARE THAT YOUR COMMITTEE REPORTS TO THIS COMMISSION, IT'S TAKEN AN ACTIVE ROLE IN THE FUTURE OF THE CITY AND DID PIONEER WORK FOR LEGISLATION.

LOOKING AFTER OUR BIRDS.

INSECT POPULATIONS ARE PLUMMETING WHICH IS HURTING THE BIRDS AND WE'RE IN TROUBLE.

IT'S BAD.

SO.

ANYWAY.

ON THAT HAPPY NOTE -- THANK ALL OF YOU FOR WHAT YOU'RE DOING TO TRY TO DO YOUR PART.

WE HAVE DO WHAT WE CAN DO, RIGHT?

I THINK DO I HAVE A MOTION FOR ADJOURNMENT?

I SEE YOUR HAND UP, IGOR.

>> I. TREGUB: REGRETTABLY, I AM MAKING THIS MOTION TO ADJOURN IN MEMORY OFFER FORMER COUNCIL MEMBER YING LEE.

>> THANK YOU FAR THAT IGOR, APPRECIATE THAT.

I WILL SECOND.

SAMANTHA.

>> BOARD SECRETARY: BOARD MEMBER SANDERSON.

>> YES.

>> DUFFY.

>> YES.

>> THOMPSON.

>> YES.

>> CHAIR KAHN.

>> YES.

>> KIM.

>> YES.

>> GAFFNEY.

>> YES.

>> AND TREGUB.

>> YES.

>> C. KAHN: THANK YOU VERY MUCH COMMISSION MEMBERS.

YOU WILL NOT SEE ME IN OCTOBER AS MY FIRM HAS A PROJECT.

I'LL BE ASKING FOR AN EXCUSED ABSENCE TO MAKE SURE MY SEAT IS FILLED AND WE'LL SEE YOU GUYS -- NOT IN NOVEMBER BECAUSE WE'RE NOT MEETING.

>> BOARD SECRETARY: NO MEETINGS IN NOVEMBER.

IT'S VETERANS DAY AND THANKSGIVING.

>> C. KAHN: I'LL SEE YOU IN DECEMBER AND HOPE EVERYBODY HAS A

GOOD FALL.

SEE YOU ALL LATER.

>> GOOD NIGHT, EVERYBODY.

>> GOOD NIGHT.

>> TAKE CARE, EVERYBODY.

Zoning Project Application

Land Use / Zoning

Planning and Development

All new uses, structures, and modifications to structures in the City of Berkeley are required to be in conformance with the Zoning Ordinance.

Information on different types of permits can be found at the links below.

Overview of the Permitting Process
https://www.cityofberkeley.info/Planning_and_Development/Permit_Service_Center/Permitting_Process.aspx

Types of Permits
https://www.cityofberkeley.info/Planning_and_Development/Home/Types_of_Land_Use_Permits.aspx

Zoning Project Submittal Requirements
https://tinyurl.com/rahe8ld

(This box for staff use only.)

ZP20___-_____

☐ Administrative Use Permit ☐ Variance
☐ Use Permit ☐ Modification of any of the Above

Zoning District(s):_____

Intake Planner:_____

DATE STAMP HERE

Project Information:

Project Address:_____ Unit/Suite #:_____

Assessor Parcel Number:_____

Project Description:_____

Expedited Services Requested? Yes / No

Property Owner's Name: _____

Owner's Mailing Address:_____

Phone #:_____

Email:_____

Applicant's Name (or enter "same"):_____

Applicant's Mailing Address:_____

Phone #:_____

Email:_____

Under penalty of perjury, I certify that:
(1) the application materials are true and complete to the best of my knowledge;
(2) the attached paper and electronic copies of this application are the same; and
(3) I agree to pay all expenses associated with this application.
*(*Owner's signature, or signed letter authorizing applicant to apply on owner's behalf, is required for all applications)*

Applicant Signature:	**Owner Signature:**
Printed Name:	Printed Name:
Date:	Date:

Land Use / Zoning
1947 Center Street
2nd Floor
Berkeley, CA 94704
Phone: 510-981-7410
TDD: 510-981-7450
planning@cityofberkeley.info

(This page is for staff use only)

Zoning District(s):	
Zoning Section	**Description**
1. 23__._____._____	UP/AUP to
2. 23__._____._____	UP/AUP to
3. 23__._____._____	UP/AUP to
4. 23__._____._____	UP/AUP to
5. 23__._____._____	UP/AUP to
6. 23__._____._____	UP/AUP to
7. 23__._____._____	UP/AUP to
8. 23__._____._____	UP/AUP to
9. 23__._____._____	UP/AUP to
10. 23__._____._____	UP/AUP to

PROPOSED PROJECT

PROJECT INFORMATION

2065 Kittredge St.

The proposed project is a new construction, multi-family residential apartment building that contains 189 units (583 beds) and totals 216,696 GSF

APPLICANT INFORMATION

The Austin Group LLC - Bill Schrader
164 Oak Road, Alamo, CA 94507
925.683.8782

For more information check the Planning Department Web Page:
www.cityofberkeley.info/planning
or call 510-981-7410

Public Notices:

PROPOSED PROJECT

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Public Notices:

Berkeley Plaza

2065 Kittredge St., Berkeley, CA 94704

APPLICATION STATEMENT

Berkeley Plaza, is a proposed eight-story mixed-use project located at 2065 Kittredge St. The design goal was create a well-articulated and sculpted building which creates a unique statement in the area and provide much needed student housing in the Downtown area. The approximately 216,587 sf, eight story project will be 87'0" height to the top of the roof. The site area is 33,582 sf. All units will be rental, and we are requesting a state bonus density of 20% bonus units with 5% Very Low Income. The project consists of 189 dwelling units and a mix of studios, one bedroom, two bedroom, and three bedroom units, ranging in size from 385 sf to 1,374 sf, on eight total levels. There are 43 parking spaces provided in an underground parking level.

The architectural design of Berkeley Plaza is a contemporary blend of styles that will fit well into the context of the mixed historical streetscape surrounding the site. The project is designed to complement the scale and materiality of the neighboring historic Shattuck Hotel and the rest of the neighborhood. The design incorporates a traditional brick base with Mission style accent detailing and a more modern architectural mass above, referencing both the historic and the cutting-edge modern character of the City of Berkeley. At the ground level, the project will feature a pedestrian friendly streetscape and a landscaped plaza, creating an appealing lower level experience for residents and passing neighbors.

The overall landscape and hardscape design minimizes long-term maintenance impacts in an effort to create a more bay-friendly and environmentally responsible project. The ground level amenities and the roof-top deck will create excellent occupant locations for gathering spots and healthy outdoor living.

Housing Affordability/Density Bonus Statement

Berkeley Plaza is proposed as an all rental project and would comply with the City's Housing Mitigation Fee Ordinance by restricting rental rates according to California State Density Bonus law. Berkeley Plaza will include Very Low Income Units in order to obtain density bonus units, as well as an incentive/concession and waivers (for height, setbacks, encroachments, and open space) under the state density bonus law (Government Code section 65915). The applicant would pay the resulting affordable housing impact fees reduced by virtue of the provision of the very low-income units. As noted above, the proposed level of affordability is at 5 percent of the base project (177 units) at very low-income levels. The number of affordable income units would be 9 units and these units would be reasonably dispersed throughout the building. The size and amenities of the affordable units would be of comparable size, and would contain, on average, the same number of bedrooms, and have comparable appearance, materials and finish quality as the market rate units in the project. These units would have access to the same common areas and amenities as the market rate units. The 20 percent density bonus allows for up to 36 additional units, but only 12 of those bonus units are included in the project for a final total of 189 units.

Waivers and Modifications Requested to Accommodate Density Bonus

By virtue of the project's qualification for a density bonus, it can request the waiver/reduction of any development standard that, if applied, would physically preclude the development with bonus units and concession/incentive. (Gov. Code sect. 65915(e)(1).) The applicant will provide support to confirm that the following waivers/reductions are necessary so as not to physically preclude construction of the project as proposed.

- Waiver to exceed the height limit – Proposed at 87'-0", where 60 ft/75 ft with use permit is the limit. The 87'-0" proposed is measured to top of roof and does not include the additional 5 feet parapet allowed by right.
- Waiver to construct rooftop projections, such as mechanical appurtenances or architectural elements which exceed the maximum heigh limit for the district.
- Waiver to encroach over the property line to accommodate stoops/planters outside of the ground level residential units proposed along Harold Way – encroachment up to 5'-4" beyond property line.
- Waiver for minor encroachments above the sidewalks along Harold Way – encroachment up to 30" for a length of 110 feet and up to 12" for a length of 40 feet.
- Waiver to reduce the front, side, and rear setbacks.
- Concession for reduction in useable open space and the percentage of associated landscaped area.

Zoning Project Application Submittal Requirements

(This box for staff use only.)

ZP202___-_____

☐ Administrative Use Permit ☐ Variance
☐ Use Permit ☐ Modification to any of the Above

Intake Planner: _____

DATE STAMP HERE

The Zoning Project Submittal Requirements packet describes all of the materials required to submit a complete Zoning Project Application to the Planning and Development Department, Land Use Division. Section 1 is a checklist of materials required for all projects; Sections 2-7 comprise a list of materials that may be required based on the project type or location. Other information not included on this checklist may be requested to address unique situations. All documents, reports and plans must be provided in hard copy and digital format.

Each submittal requirement on the checklist is described further in this packet, starting on page 3. Each description: 1) identifies whether an item is required, and 2) indicates how to prepare each document, drawing, material, and/or report.

Pages 1 and 2 of this packet must be completed and submitted with the Application. Staff will verify that the minimum submittal requirements have been included with your package during the application submittal appointment. Applications that are missing the materials in this checklist will not be accepted for review.

Section 1 – Required for all Projects

A. ☒ Completed Zoning Project Application Packet comprised of the following individual sections:
- **1.** ☒ Zoning Project Application Form
- **2.** ☒ Completed copy of this Zoning Project Submittal Requirements Checklist (Pages 1-2)

B. ☒ Applicant Statement / Waiver Request

C. ☒ Payment of Application Fees (Please Refer to Current Fee Schedule)

D. ☒ Hazardous Waste and Substances Statement

E. ☒ Tabulation Form

F. ☒ Pre-Application Yellow Poster

G. ☒ Pre-Application Neighborhood Contact

Section 2 – Required for All Development Projects
(Involving New Structures, Additions, Demolitions, or Exterior Alterations)

A. ☒ Site Plan

B. ☒ Landscape and Usable Open Space Plan

C. ☒ Lot Coverage Diagram

D. ☒ Floor Plans

E. ☒ Building Elevations

F. ☒ Street Strip Elevation

G. ☒ NA Section Drawings

H. ☒ Boundary and/or Topographic Survey

I. ☒ Grading Plan

Zoning Project Application Submittal Requirements

Section 3 – Supporting Documents, Studies, Graphics, and Depictions for All Development Projects

- **A.** [X] Site Photographs
- **B.** [X] Shadow Study
- **C.** [NA] Story Pole Plan
- **D.** [NA] Arborist Report
- **E.** [X] Structural Evaluation
- **E.** [NA] Parking Survey
- **F.** [NA] Transportation Demand Management
- **G.** [X] Photo Simulations
- **H.** [X] Public Art Declaration

Section 4 –Environmental Review

- **A.** [X] Creek Protection Documentation
- **B.** [X] Historic Resource Evaluation
- **C.** [X] Phase I or Phase II Site Assessment
- **D.** [X] Geotechnical and Seismic Hazard Investigation
- **E.** [NA] Transportation Impact Study
- **F.** [NA] State General Construction Permit
- **G.** [X] Stormwater Requirements Checklist

Section 5 – Required for Projects Subject to Affordable Housing Requirements

- **A.** [X] Housing Affordability Statement
- **B.** [X] Anti-Discrimination Housing Policies
- **C.** [X] Density Bonus Eligibility Statement
- **D.** [NA] Area of Potential Effects (APE) Statement

Section 6 – Landscape and Green Building Requirements

- **A.** [X] WELO Landscape Requirements
- **B.** [X] Natural Gas Prohibition, Berkeley Energy Code and Berkeley Green Code
- **C.** [X] Green Building Requirements

Section 7 – Related Land Use Planning Division Applications

- **A.** [TBD] Design Review
- **B.** [X] Structural Alteration Permit
- **C.** [NA] Zoning Use Questionnaire
- **D.** [NA] Home Occupation Questionnaire - Class II and III

PLANNING & DEVELOPMENT
Land Use Planning Division, 1947 Center Street, 2nd Floor, Berkeley, CA 94704
Tel: 510.981.7410 TDD: 510.981.6903
Fax: 510.981.7420 Email: Planning@CityofBerkeley.info

PLANNING & DEVELOPMENT
Land Use Planning, 1947 Center Street, Berkeley, CA 94704
Tel: 510.981.7410 TDD: 510.981.7474 Fax: 510.981.7420
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II.E. HAZARDOUS WASTE AND SUBSTANCES STATEMENT

Pursuant to the Permit Streamlining Act (PSA), a development permit application may not be accepted as complete unless and until the applicant has submitted a signed statement indicating whether the proposed project site or any alternative site(s) is on the lists of hazardous waste sites compiled pursuant to Government Code Section 65962.5 by the California Secretary for Environmental Protection.

Data lists / maps are available at the following website (check multiple lists and categories):

http://www.calepa.ca.gov/SiteCleanup/CorteseList/

Applicant's Information:

Name: CA Student Living Berkeley, LLC

Street Address: 130 E Randolph, Suite 2100

City, State, Zip Code: Chicago, IL 60601

Phone Number: 304.238.4745 Email: jleo@ca-ventures.com

Project Information:

Address: 2065 Kittredge St

City, State, Zip Code: Berkeley, CA 94704

Assessor's book, page, and parcel number: 057-2027-006-00, 057-2027-007-00, 057-2027-009-00

Specify any list that the site appears on:

Not Applicable (NA)

Regulatory identification number: NA

Date of list: NA

Site Use (if known):

Past: Dry Cleaning Operations Present: Theater/Commercial, Storage

Proposed: Residential

Submittals (check all that are available):

X Phase I Report __Phase II Report __Closure Letter __Other:_____

Applicant's verification:

Signature: _____ Date: 10/21/21

PLANNING & DEVELOPMENT
Land Use Planning, 1947 Center Street, Berkeley, CA 94704
Tel: 510.981.7410 TDD: 510.981.6903 Email: Planning@CityofBerkeley.info

TABULATION FORM

Project Address: _____ Date: _____

Applicant's Name: _____

Zoning District: _____

Please print in ink the following numerical information for your Administrative Use Permit, Use Permit, or Variance application:

	Existing	Proposed	Permitted/ Required[1]
Units, Parking Spaces & Bedrooms			
Number of Dwelling Units (#)			
Number of Parking Spaces (#)			
Number of Bedrooms (#) (R-1, R-1A, R-2, R-2A, and R-3 only)			
Yards and Height			
Front Yard Setback (Feet)			
Side Yard Setbacks: (facing property) Left: (Feet)			
Right: (Feet)			
Rear Yard Setback (Feet)			
Building Height* (# Stories)			
Average* (Feet)			
Maximum* (Feet)			
Areas			
Lot Area (Square-Feet)			
Gross Floor Area* (Square-Feet) Total Area Covered by All Floors			
Building Footprint* (Square-Feet) Total of All Structures			
Lot Coverage* (%) Residential only (Building Footprint/Lot Area)	100%	82%	
Useable Open Space* (Square-Feet)			
Floor Area Ratio* Non-Residential only (Except ES-R)			

*See Definitions – Zoning Ordinance Title 23F

Revised: 11/19

[1] See development standards for your Zoning District, per the Berkeley Municipal Code, Sub-Titles 23D and 23E

www.ca-ventures.com

130 E. Randolph Street
Suite 2100
Chicago, IL 60601
+1 312 994 1880

October 6, 2021

Downtown Berkeley Association
2330 Shattuck Avenue
Suite C
Berkeley, CA 94720

Re: Berkeley Plaza Development, 2065 Kittredge Street, Berkeley, CA

To Whom It May Concern:

We are the developers of a new planned apartment project bounded by Kittredge Street, Harold Way, and Allston Way, in downtown Berkeley, CA. We will be submitting to the City of Berkeley a development application for ~189 apartments units.

Berkeley Plaza is planned at eight stories in height, and includes a rooftop deck with views of the Bay:

- The architectural design of Berkeley Plaza is a contemporary blend of styles that will fit well into the context of the mixed historical streetscape surrounding the site. The project is designed to complement the scale and materiality of the neighboring historic Shattuck Hotel and the rest of the neighborhood. The design incorporates a traditional brick base with Mission style accent detailing and a more modern architectural mass above, referencing both the historic and the cutting-edge modern character of the City of Berkeley. At the ground level, the project will feature a pedestrian friendly streetscape and a landscaped plaza, creating an appealing lower level experience for residents and passing neighbors.

- The overall landscape and hardscape design minimizes long-term maintenance impacts, in an effort to create a more bay-friendly and environmentally responsible project. The ground level amenities and the roof-top deck will create excellent occupant locations for gathering spots and healthy outdoor living.

You are cordially invited to a community outreach meeting to preview Berkeley Plaza. We will be meeting at the Shattuck Hotel on Wednesday evening, October 13th from 6:00 to 7:00 p.m. At this time, we will share the more detailed architectural and landscape plans with you.

Regards,

Ryan McBride
Executive Vice President, Development
CA Student Living

BERKELEY PLAZA

COMMUNITY MEETING
10/13/2021

Name	Phone #	Email
Chadd Everone	510-486-1314	Cad @ f.s.ars
Wayne Dixey	510 847 7966	wdixey@dlaney-college.com
Michael Mahan	510 776-3409	MICHAEL@HAVENEASTBAY.com
Jann Caneda	510.501.0256	jcaneda@downtownberkeley.com

NAME1	NAME2
Daughters for Social / Economic Change	PO BOX 2203
Downtown Berkeley Association	2230 SHATTUCK AVE SUITE C
McKinley-Addison-Grant Neighborhood Associ	1806 ALLSTON WAY
Milvia-King Alliance	1731 MILVIA ST
Berkeley High Neighbors	1908 CHANNING WAY
University of California, Facilities Services	A&E Building, Room 300 University of California
Urban Creeks Council	861 REGAL RD
Bananas Inc.	5232 CLAREMONT AVE
Berkeley Central Library	2090 KITTREDGE ST
Adams Broadwell Joseph & Cardoza	601 GATEWAY BLVD. Su 1000
Public Notice Journal	PO Box 330356 San Francisco
C S COMPANY	1600 EL CAMINO REAL #D
MARTIN DAVID J & MARILYN R TRS E & MARTI	2171 SHATTUCK AVE
HIRAHARA FAMILY LIMITED PARTNERSHIP	PO BOX 9456
FERROGGIARO MARY J TR & WISE ADDINGTON	3434 TICE CREEK DR #2
2108 ALLSTON LLC	200 PINE ST #8
STERLING BERKELEY ALLSTON LP	444 W LAKE ST #2100
AMHERST VENTURES LLC	3215 MONTEREY BLVD
GORDON JOHN K & MITCHELL JANIS TRS & GO	2091 ROSE ST
KOOYMAN STEVEN P & SUSAN J TRS	24692 LAS ALTURAS CT
YOUNG JAMES C & YOUNG EDDIE JR	2281 SHATTUCK AVE
REGENTS OF THE UNIVERSITY OF CALIFORNIA	1111 FRANKLIN ST #6
H DRAKE CORPORATION	244 KEARNY ST #3
SCHNEIDER STEPHEN E TR	2138 KITTREDGE ST
2105 BANCROFT FEE OWNER CA LLC	180 GRAND AVE #1400
PELEG YORAM & BARBARA L TRS & WEIL BEN	155 ESMEYER DR
CITY OF BERKELEY	2180 MILVIA ST
WADE WILLIAM J TR	101 E BLOUNT AVE
AOCHI FUSAKO J TR	10381 ROYAL OAK RD
GRANITE LIBRARY GARDENS LP	4333 PARK TERRACE DR #100
PASAND COURTYARD LLC	2278 SHATTUCK AVE
FU JIHWA & JI H TRS	985 DEE CT
HSR BERKELEY INVESTMENTS LLC	1849 SAWTELLE BLVD #543
BPR PROPERTIES BERKELEY LLC	4290 EL CAMINO REAL #200
HEAD LAMA TIBETAN NYINGMAPA MEDITATIC	2425 HILLSIDE AVE
COMMON AREA PM 6889 6 7 & 8 OWNERS ET.	8739 RESEARCH DR #URP4
UNITED STATES POSTAL SERVICE	1155 7TH ST
YOUNG MENS CHRISTIAN ASSOCIATION OF TH	2330 BROADWAY
PERALTA COMMUNITY COLLEGE DISTRICT	101 LINDEN ST
CSQ FEE OWNER CA LLC	180 GRAND AVE $1400
2000 CENTER STREET LLC	PO BOX 680
PR III SHATTUCK LLC	7 GIRALDA FARMS
PERALTA COMMUNITY COLLEGE DISTRICT	1331 N CALIF BLVD
FIRST SHATTUCK LLC	2150 SHATTUCK AVE #B100
2068 CENTER FAMILY LIMITED PARTNERSHIP	476 FILBERT ST
OCCUPANTS	2114 CENTER ST

OCCUPANTS	2112 CENTER ST
OCCUPANTS	2165 SHATTUCK AVE
OCCUPANTS	2163 SHATTUCK AVE
OCCUPANTS	2151 SHATTUCK AVE
OCCUPANTS	2153 SHATTUCK AVE
OCCUPANTS	2155 SHATTUCK AVE
OCCUPANTS	2110 CENTER ST
OCCUPANTS	2161 SHATTUCK AVE 313
OCCUPANTS	2161 SHATTUCK AVE 314
OCCUPANTS	2161 SHATTUCK AVE 315
OCCUPANTS	2161 SHATTUCK AVE 316
OCCUPANTS	2161 SHATTUCK AVE 317
OCCUPANTS	2161 SHATTUCK AVE 320
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OCCUPANTS	2161 SHATTUCK AVE 221
OCCUPANTS	2161 SHATTUCK AVE 201
OCCUPANTS	2161 SHATTUCK AVE 201A
OCCUPANTS	2161 SHATTUCK AVE 202
OCCUPANTS	2161 SHATTUCK AVE

OCCUPANTS	2107 ALLSTON WAY
OCCUPANTS	2199 SHATTUCK AVE
OCCUPANTS	2185 SHATTUCK AVE
OCCUPANTS	2187 SHATTUCK AVE
OCCUPANTS	2109 ALLSTON WAY
OCCUPANTS	2201 SHATTUCK AVE
OCCUPANTS	2205 SHATTUCK AVE
OCCUPANTS	2207 SHATTUCK AVE
OCCUPANTS	2108 ALLSTON WAY
OCCUPANTS	2209 SHATTUCK AVE
OCCUPANTS	2211 SHATTUCK AVE
OCCUPANTS	2213 SHATTUCK AVE
OCCUPANTS	2221 SHATTUCK AVE
OCCUPANTS	2223 SHATTUCK AVE
OCCUPANTS	2219 SHATTUCK AVE
OCCUPANTS	2283 SHATTUCK AVE
OCCUPANTS	2275 SHATTUCK AVE
OCCUPANTS	2271 SHATTUCK AVE
OCCUPANTS	2257 SHATTUCK AVE
OCCUPANTS	2259 SHATTUCK AVE
OCCUPANTS	2261 SHATTUCK AVE
OCCUPANTS	2110 KITTREDGE ST 104
OCCUPANTS	2110 KITTREDGE ST 209
OCCUPANTS	2110 KITTREDGE ST 206
OCCUPANTS	2110 KITTREDGE ST 201
OCCUPANTS	2263 SHATTUCK AVE
OCCUPANTS	2110 KITTREDGE ST 108
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OCCUPANTS	2110 KITTREDGE ST 101
OCCUPANTS	2110 KITTREDGE ST 102
OCCUPANTS	2255 SHATTUCK AVE

OCCUPANTS	2110 KITTREDGE ST
OCCUPANTS	2272 SHATTUCK AVE
OCCUPANTS	2270 SHATTUCK AVE B
OCCUPANTS	2270 SHATTUCK AVE A
OCCUPANTS	2270 SHATTUCK AVE C
OCCUPANTS	2270 SHATTUCK AVE
OCCUPANTS	2070 ALLSTON WAY 101
OCCUPANTS	2066 ALLSTON WAY
OCCUPANTS	2072 ALLSTON WAY
OCCUPANTS	2074 ALLSTON WAY
OCCUPANTS	2211 HAROLD WAY
OCCUPANTS	2070 ALLSTON WAY
OCCUPANTS	2064 ALLSTON WAY
OCCUPANTS	2060 ALLSTON WAY B
OCCUPANTS	2070 ALLSTON WAY 201
OCCUPANTS	2070 ALLSTON WAY 202
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OCCUPANTS	2070 ALLSTON WAY 204
OCCUPANTS	2070 ALLSTON WAY 205
OCCUPANTS	2210 HAROLD WAY
OCCUPANTS	2000 ALLSTON WAY 414
OCCUPANTS	2000 ALLSTON WAY 182
OCCUPANTS	2000 ALLSTON WAY
OCCUPANTS	2000 ALLSTON WAY 104
OCCUPANTS	0 MILVIA ST
OCCUPANTS	2048 CENTER ST
OCCUPANTS	2050 CENTER ST
OCCUPANTS	2020 CENTER ST
OCCUPANTS	2170 SHATTUCK AVE
OCCUPANTS	2176 SHATTUCK AVE
OCCUPANTS	2168 SHATTUCK AVE
OCCUPANTS	2172 SHATTUCK AVE
OCCUPANTS	2174 SHATTUCK AVE
OCCUPANTS	2180 SHATTUCK AVE
OCCUPANTS	2075 ALLSTON WAY
OCCUPANTS	2190 SHATTUCK AVE
OCCUPANTS	2075 ALLSTON WAY 203
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OCCUPANTS	2075 ALLSTON WAY 200
OCCUPANTS	2075 ALLSTON WAY 201
OCCUPANTS	2075 ALLSTON WAY 202
OCCUPANTS	2016 CENTER ST
OCCUPANTS	2047 ALLSTON WAY
OCCUPANTS	2045 ALLSTON WAY
OCCUPANTS	2043 ALLSTON WAY
OCCUPANTS	2150 SHATTUCK AVE 410
OCCUPANTS	2150 SHATTUCK AVE 1200

OCCUPANTS	2150 SHATTUCK AVE 110
OCCUPANTS	2150 SHATTUCK AVE 1000
OCCUPANTS	2150 SHATTUCK AVE 1220
OCCUPANTS	2150 SHATTUCK AVE 1250
OCCUPANTS	2150 SHATTUCK AVE 1300
OCCUPANTS	2080 CENTER ST
OCCUPANTS	2150 SHATTUCK AVE 601
OCCUPANTS	2150 SHATTUCK AVE 610
OCCUPANTS	2150 SHATTUCK AVE 700
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OCCUPANTS	2150 SHATTUCK AVE 800
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OCCUPANTS	2150 SHATTUCK AVE B100
OCCUPANTS	2150 SHATTUCK AVE 900
OCCUPANTS	2150 SHATTUCK AVE 950
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OCCUPANTS	2150 SHATTUCK AVE 230
OCCUPANTS	2150 SHATTUCK AVE 220
OCCUPANTS	2113 KITTREDGE ST
OCCUPANTS	2124 KITTREDGE ST 8
OCCUPANTS	2124 KITTREDGE ST 5
OCCUPANTS	2124 KITTREDGE ST C
OCCUPANTS	2295 SHATTUCK AVE
OCCUPANTS	2222 HAROLD WAY
OCCUPANTS	2274 SHATTUCK AVE
OCCUPANTS	2113 BANCROFT WAY
OCCUPANTS	2105 BANCROFT WAY
OCCUPANTS	2277 SHATTUCK AVE
OCCUPANTS	2124 KITTREDGE ST
OCCUPANTS	2060 ALLSTON WAY COM
OCCUPANTS	2124 KITTREDGE ST 1

OCCUPANTS	2124 KITTREDGE ST 2
OCCUPANTS	2124 KITTREDGE ST 3
OCCUPANTS	2124 KITTREDGE ST 4
OCCUPANTS	2124 KITTREDGE ST 6
OCCUPANTS	2124 KITTREDGE ST 7
OCCUPANTS	2124 KITTREDGE ST 9
OCCUPANTS	2138 KITTREDGE ST 1
OCCUPANTS	2138 KITTREDGE ST 2
OCCUPANTS	2138 KITTREDGE ST 3
OCCUPANTS	2107 BANCROFT WAY
OCCUPANTS	2126 KITTREDGE ST
OCCUPANTS	2109 BANCROFT WAY
OCCUPANTS	2111 BANCROFT WAY
OCCUPANTS	2111 BANCROFT WAY 350
OCCUPANTS	2285 SHATTUCK AVE
OCCUPANTS	2175 SHATTUCK AVE
OCCUPANTS	2231 SHATTUCK AVE 222
OCCUPANTS	2001 ALLSTON WAY 433
OCCUPANTS	2020 KITTREDGE ST
OCCUPANTS	2233 SHATTUCK AVE
OCCUPANTS	2237 SHATTUCK AVE
OCCUPANTS	2000 CENTER ST
OCCUPANTS	2001 ALLSTON WAY
OCCUPANTS	2001 ALLSTON WAY 4
OCCUPANTS	2001 ALLSTON WAY 425
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OCCUPANTS	2022 KITTREDGE ST
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OCCUPANTS	2020 KITTREDGE ST 101
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OCCUPANTS	2001 ALLSTON WAY 303
OCCUPANTS	2001 ALLSTON WAY 304

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OCCUPANTS	2001 ALLSTON WAY 330
OCCUPANTS	2001 ALLSTON WAY 331
OCCUPANTS	2001 ALLSTON WAY 332
OCCUPANTS	2001 ALLSTON WAY 333
OCCUPANTS	2001 ALLSTON WAY 334
OCCUPANTS	2001 ALLSTON WAY 335
OCCUPANTS	2001 ALLSTON WAY 336
OCCUPANTS	2175 MILVIA ST
OCCUPANTS	2000 KITTREDGE ST
OCCUPANTS	2116 ALLSTON WAY
OCCUPANTS	2231 SHATTUCK AVE
OCCUPANTS	2231 SHATTUCK AVE 330
OCCUPANTS	2231 SHATTUCK AVE 331
OCCUPANTS	2231 SHATTUCK AVE 332
OCCUPANTS	2231 SHATTUCK AVE 333
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OCCUPANTS	2231 SHATTUCK AVE 324
OCCUPANTS	2231 SHATTUCK AVE 325
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OCCUPANTS	2231 SHATTUCK AVE 220
OCCUPANTS	2231 SHATTUCK AVE 223
OCCUPANTS	2231 SHATTUCK AVE 224
OCCUPANTS	2231 SHATTUCK AVE 225
OCCUPANTS	2231 SHATTUCK AVE 226
OCCUPANTS	2231 SHATTUCK AVE 227

OCCUPANTS	2231 SHATTUCK AVE 228
OCCUPANTS	2231 SHATTUCK AVE 229
OCCUPANTS	2231 SHATTUCK AVE 231
OCCUPANTS	2231 SHATTUCK AVE 230
OCCUPANTS	2231 SHATTUCK AVE 234
OCCUPANTS	2231 SHATTUCK AVE 328
OCCUPANTS	2231 SHATTUCK AVE 329
OCCUPANTS	2115 ALLSTON WAY 1
OCCUPANTS	2115 ALLSTON WAY 2
OCCUPANTS	2115 ALLSTON WAY 3
OCCUPANTS	2115 ALLSTON WAY 4
OCCUPANTS	2115 ALLSTON WAY 5
OCCUPANTS	2225 SHATTUCK AVE
OCCUPANTS	2115 ALLSTON WAY
OCCUPANTS	2202 SHATTUCK AVE
OCCUPANTS	2061 ALLSTON WAY
OCCUPANTS	2210 SHATTUCK AVE
OCCUPANTS	2200 SHATTUCK AVE
OCCUPANTS	2060 ALLSTON WAY A
OCCUPANTS	2060 ALLSTON WAY C
OCCUPANTS	2068 CENTER ST
OCCUPANTS	2052 CENTER ST
OCCUPANTS	2018 ALLSTON WAY
OCCUPANTS	2276 SHATTUCK AVE
OCCUPANTS	2031 BANCROFT WAY
OCCUPANTS	2181 SHATTUCK AVE
OCCUPANTS	2065 KITTREDGE ST D
OCCUPANTS	2204 SHATTUCK AVE
OCCUPANTS	2208 SHATTUCK AVE
OCCUPANTS	2041 BANCROFT WAY 202
OCCUPANTS	2041 BANCROFT WAY 203
OCCUPANTS	2041 BANCROFT WAY 204
OCCUPANTS	2041 BANCROFT WAY 206
OCCUPANTS	2041 BANCROFT WAY 210
OCCUPANTS	2041 BANCROFT WAY 301
OCCUPANTS	2041 BANCROFT WAY 303
OCCUPANTS	2284 SHATTUCK AVE
OCCUPANTS	2286 SHATTUCK AVE
OCCUPANTS	2041 BANCROFT WAY
OCCUPANTS	2016 ALLSTON WAY
OCCUPANTS	2086 ALLSTON WAY 201
OCCUPANTS	2086 ALLSTON WAY
OCCUPANTS	2086 ALLSTON WAY 222
OCCUPANTS	2041 BANCROFT WAY 207
OCCUPANTS	2041 BANCROFT WAY 307
OCCUPANTS	2216 SHATTUCK AVE
OCCUPANTS	2222 SHATTUCK AVE

OCCUPANTS	2224 SHATTUCK AVE
OCCUPANTS	2226 SHATTUCK AVE
OCCUPANTS	2228 SHATTUCK AVE
OCCUPANTS	2236 SHATTUCK AVE
OCCUPANTS	2238 SHATTUCK AVE
OCCUPANTS	2177 SHATTUCK AVE
OCCUPANTS	2230 SHATTUCK AVE
OCCUPANTS	2065 KITTREDGE ST E
OCCUPANTS	2065 KITTREDGE ST A
OCCUPANTS	2065 KITTREDGE ST
OCCUPANTS	2065 KITTREDGE ST B
OCCUPANTS	2240 SHATTUCK AVE
OCCUPANTS	2220 SHATTUCK AVE
OCCUPANTS	2065 KITTREDGE ST F
OCCUPANTS	2065 KITTREDGE ST J

ADDRESS1	ADDRESS2
BERKELEY CA 94701	
BERKELEY CA 94704	
BERKELEY CA 94703	
BERKELEY CA 94709	
BERKELEY CA 94704	
Berkeley, CA 94720-1382	
BERKELEY CA 94708	
OAKLAND CA 94618	
BERKELEY CA 94704	
SOUTH SAN FRANCISCO CA 94080	
San Francisco, CA 94133	
BELMONT CA	94002
BERKELEY CA	94704
MINNEAPOLIS MN	55440
WALNUT CREEK CA	94595
SAN FRANCISCO CA	94104
CHICAGO IL	60606
OAKLAND CA	94602
BERKELEY CA	94709
LAGUNA HILLS CA	92653
BERKELEY CA	94704
OAKLAND CA	94607
SAN FRANCISCO CA	94108
BERKELEY CA	94704
OAKLAND CA	94612
SAN RAFAEL CA	94903
BERKELEY CA	94704
KNOXVILLE TN	37920
OAKLAND CA	94605
WESTLAKE VILLAGE CA	91361
BERKELEY CA	94704
WALNUT CREEK CA	94597
LOS ANGELES CA	90025
PALO ALTO CA	94306
BERKELEY CA	94704
CHARLOTTE NC	28262
OAKLAND CA	94607
OAKLAND CA	94612
OAKLAND CA	94607
OAKLAND CA	94612
ALAMO CA	94507
MADISON NJ	7940
WALNUT CREEK CA	94596
BERKELEY CA	94704
SAN FRANCISCO CA	94133
BERKELEY	94704

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BERKELEY	94704

SHATTUCK AVENUE

PROPERTY BOUNDARY

EXISTING BUILDING TO REMAIN
LOT 1
PARCEL MAP 6889
(223 PM 69)

UNIT B BOUNDARY

APPROXIMATE LIMITS OF UNIT B PER CONDOMINIUM PLANS RECORDED 1/29/2021, DOCUMENT 2021036601

3-FT
23.30-FT
6.43-FT
10.03-FT
9.32-FT
11.97-FT
7.25-FT

CULVERTED CREEK INFLUENCE AREA

25-FT
25-FT

ALLSTON WAY

KITTREDGE STREET

HAROLD WAY

SHATTUCK HOTEL TRACT (28 M 39)

BLOCK 2 SHATTUCK TRACT NO.2 (16 M 10)

BLOCK 6 SHATTUCK TRACT NO.2 (16 M 10)

20 0 5 10 20
SCALE: 1 INCH = 20 FEET

PROJECT # : 731754801
DRAWN BY: NS
CHECKED BY: AKC/JRJ

NILES BOLTON ASSOCIATES

LANGAN
Langan Engineering and Environmental Services, Inc.
135 Main Street, Suite 1500
San Francisco, CA 94105
T: 415.955.5200 F: 415.955.5201 www.langan.com

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

No.	Description	Date
1	SB330	7/16/21
2	ZONING PROJECT SUBMITTAL	10/22/21

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BERKELEY PLAZA
2060 ALLSTON WAY
BERKELEY, CA 94704

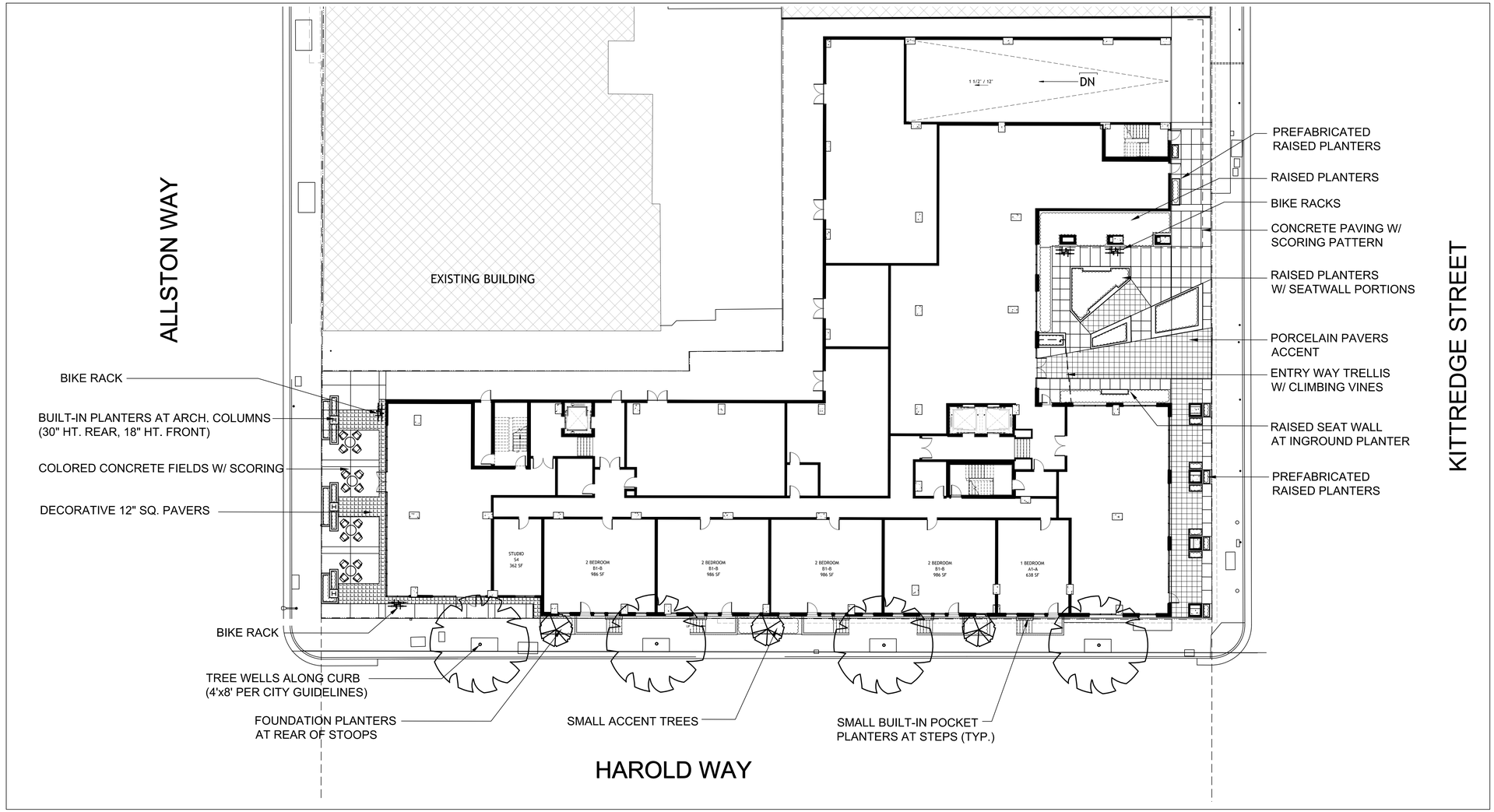
CA VENTURES

SHEET TITLE:
SITE PLAN

SHEET NUMBER:
C0-001

10/22/2021

NOT RELEASED FOR CONSTRUCTION



GRAPHIC SCALE

16 0 8 16 32 64

(IN FEET)
1 inch = 16 ft.

REVISIONS

RW Stover & Associates, Inc.
Landscape Architecture
1420 Rossmoor Parkway, Suite 4
Walnut Creek, CA 94596
Ph: 925.933.2383

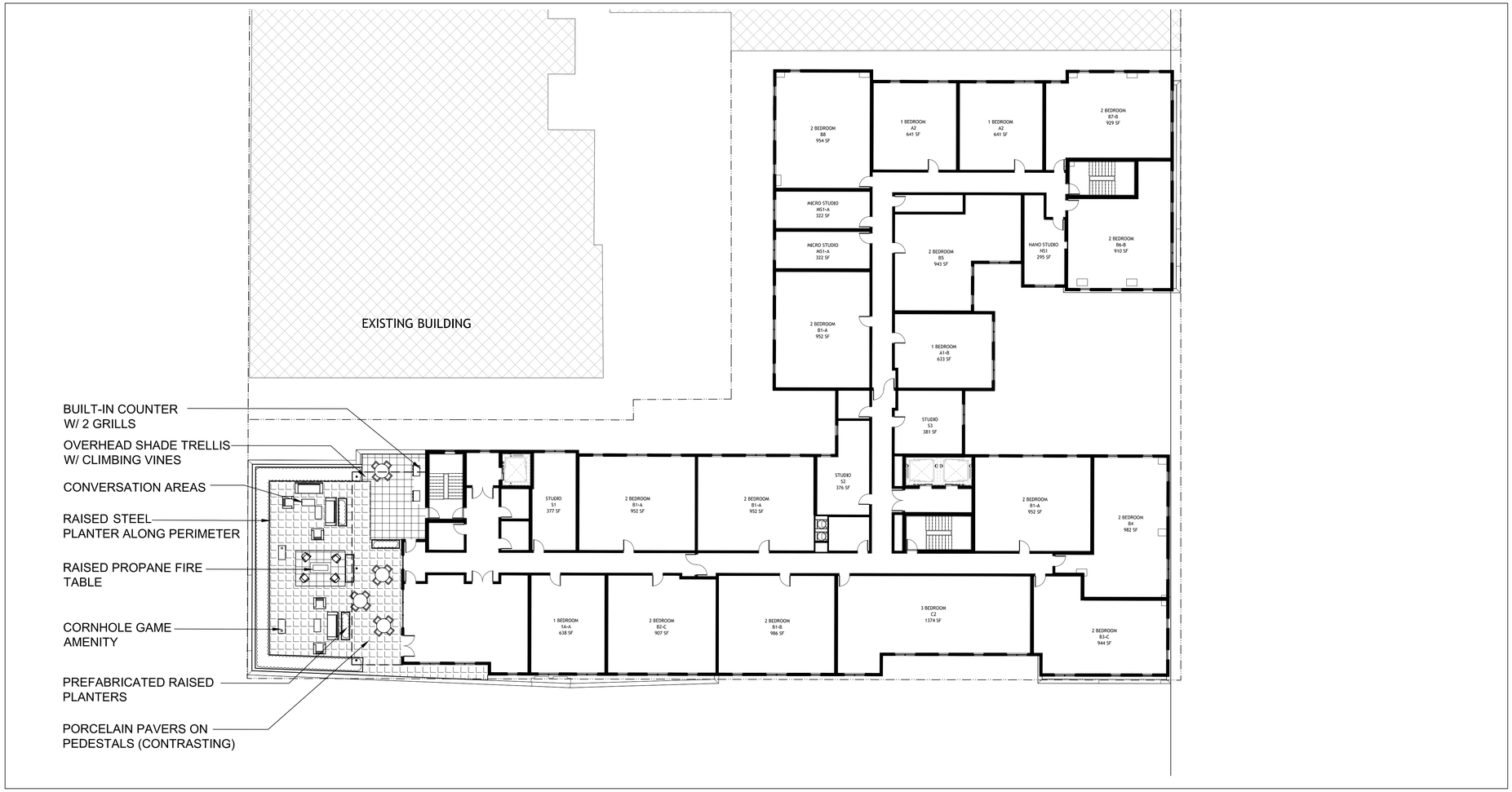
REGISTERED LANDSCAPE ARCHITECT RICHARD WILLIAM STOVER 3017 Signature

BERKELEY PLAZA
2065 KITTREDGE STREET
BERKELEY, CALIFORNIA

GROUND LEVEL
PRELIMINARY
LANDSCAPE PLAN

DESIGNED:	DRAWN:
CHECKED:	JOB NO:
DATE 9-23-21	
SCALE	

SHEET
L1
OF X SHEETS



GRAPHIC SCALE

16 0 8 16 32 64

(IN FEET)
1 inch = 16 ft.

REVISIONS

RW Stover & Associates, Inc.
Landscape Architecture
1820 Second Avenue, Suite 4
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Ph: 925.933.2583

REGISTERED LANDSCAPE ARCHITECT RICHARD WILLIAM STOVER 3017 Signature 9-23-21

BERKELEY PLAZA
2065 KITTREDGE STREET
BERKELEY, CALIFORNIA

EIGHTH FLOOR
PRELIMINARY
LANDSCAPE PLAN

DESIGNED:	DRAWN:
CHECKED:	JOB NO:
DATE: 9-23-21	
SCALE	

SHEET
L2
OF X SHEETS

RECOMMENDED PLANT PALETTE:

BOTANICAL NAME:	COMMON NAME:	WUCOLS WATER USE
PATIO TREES (UPPER LEVELS, 24" BOX SIZE):		
RHUS LANCEA	AFRICAN SUMAC	LOW
TRISTANIOPSIS LAURINA	WATER GUM TREE	LOW
SMALL TREES (UPPER LEVELS, 15 GALLON STANDARD):		
LEPTOSPERMUM SCOP. 'RUBY GLOW	TEA TREE	MED
LYCIANTHUS RANTONNETI	PARAGUAY NIGHTSHADE	MED
MEDIUM SIZE SHRUBS: (5 GALLON SIZE)		
AGAVE 'BLUE GLOW'	BLUE GLOW AGAVE	LOW
BAMBUSA M. 'GOLDEN GODDESS'	GOLDEN GODDESS CLUMPING BAMBOO	LOW
MYRTUS COMMUNIS 'COMPACTA'	DWARF MYRTLE	LOW
NANDINA DOMESTICA 'COMPACTA'	HEAVENLY BAMBOO	LOW
RHAPHIOLEPIS INDICA	INDIA HAWTHORN	LOW
ROSMARINUS 'BLUE SPIRES'	BLUE ROSEMARY	LOW
SALVIA GREGGII	AUTUMN SAGE	LOW
TEUCRIUM FRUTICANS 'COMPACTA'	COMPACT GERMANDER	LOW
ACCENT PERENNIALS AND GRASSES: (ONE GALLON SIZE)		
ANIGOTHANOS SPECIES	KANGAROO PAW	LOW
ERIGERON KARVINSKIANUS 'MOERHEIMII'	SANTA BARBARA DAISY	LOW
FESTUCA C. 'SERPENTINE BLUE'	BLUE FESCUE	LOW
LAVANDULA ANGUSTIFOLIA	ENGLISH LAVENDER	LOW
LOMANDRA LONGIFOLIA	MAT RUSH	LOW
PENNISETUM 'RED BUNNY TAILS'	DWARF FOUNTAIN GRASS	LOW
PHORMIUM SPECIES	DWARF FLAX	LOW
SALVIA NEMEROSA	PURPLE SAGE	LOW
TEUCRIUM LUCIDRYS	DWARF GERMANDER	LOW
STORMWATER TREATMENT FLOW THROUGH PLANTERS:		
ACHILLEA MILLEFOLIUM	COMMON YARROW	LOW
FESTUCA CALIFORNICA	CALIFORNIA FESCUE	LOW
JUNCUS PATENS	GRAY RUSH	LOW
MAHONIA 'ORANGE FLAME'	MAHONIA	LOW
MUHLENBERGIA RIGENS	DEER GRASS	LOW
SALVIA MEXICANA	MEXICAN SAGE	LOW
CLIMBING VINES (5 GALLON SIZE):		
DISTICTIS BUCCINATORIA	BLOOD-RED TRUMPET VINE	LOW
GELSEMIUM SEMPERVIRENS	YELLOW JESSAMINE	LOW

PROJECT PRIVATE USABLE LANDSCAPE OPEN SPACE

	TOTAL AREA	LANDSCAPE AREA
• GROUND LEVEL	3,429 SF	1,439 SF
• ROOF LEVEL	2,775 SF	1,407 SF
	6,204 SF	2,846 SF

CITY REQUIREMENT THAT LANDSCAPE AREA EQUALS 40% OF USABLE PRIVATE OPEN SPACE
TOTAL AREA OF LANDSCAPE PROVIDED EQUALS 45.8% OF USABLE PRIVATE OPEN SPACE

EV 2CM Porcelain Pavers
Porcelain Pavers

Rectified straight edge in multiple sizes

Travertine

Ivory travertine | Silver travertine | Navona travertine

Quartz

Ivory quartz | Silver quartz | Grey quartz

DECORATIVE PORCELAIN PAVERS

PREFABRICATED PLANTERS
TOURNESOL 'WILSHIRE' COLLECTION
COLOR: BRONZE

WATER EFFICIENT LANDSCAPE WORKSHEET

REFERENCE EVAPOTRANSPIRATION (ETo): 41.8

HYDROZONE / PLANTING DESCRIPTION	PLANT FACTOR (PF)	IRRIGATION METHOD	IRRIGATION EFFICIENCY (IE)	ETAF (PF / IE)	LANDSCAPE AREA (sq. ft.)	ETAF x AREA	ESTIMATED TOTAL WATER USE (ETWU)
REGULAR LANDSCAPE AREAS:							
LOW WATER USE	0.3	DRIP	0.81	0.3703703	1,080	399.999924	10366.4
MEDIUM WATER USE	0.5	BUBBLER	0.81	0.6172839	36	22.2222204	575.9
				TOTALS:	1116	422	
SPECIAL LANDSCAPE AREAS:							
REC. AREA				0	0	0	0
WATER FEATURE 1				0	0	0	0
WATER FEATURE 2				0	0	0	0
				TOTALS:	0	0	
						ETWU TOTAL:	10,942
						MAXIMUM ALLOWED WATER ALLOWANCE (MAWA):	13,015

ETAF CALCULATIONS:

REGULAR LANDSCAPE AREAS:

TOTAL ETAF x AREA	422
TOTAL LANDSCAPE AREA	1,116
AVERAGE ETAF	0.38

NOTE: AVERAGE ETAF FOR REGULAR LANDSCAPE AREAS MUST BE 0.55 OR BELOW FOR RESIDENTIAL AREAS, AND 0.45 OR BELOW FOR NON-RESIDENTIAL AREAS.

ALL LANDSCAPE AREAS:

TOTAL ETAF x AREA	422
TOTAL LANDSCAPE AREA	1,116
SITEWIDE ETAF	0.38

REVISIONS

RW Stover & Associates, Inc.
Landscape Architecture
1420 Rossmoor Parkway, Suite 4
Walnut Creek, CA 94596
Ph: 925.933.2585

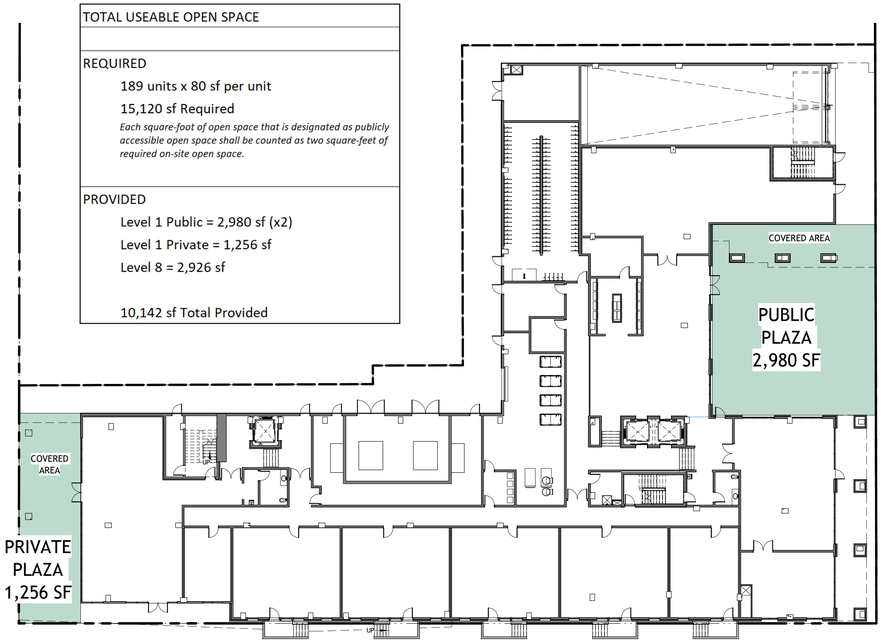
BERKELEY PLAZA
2065 KITTREDGE STREET
BERKELEY, CALIFORNIA

RECOMMENDED
PLANT LIST, SITE
AMENITY IMAGES

DESIGNED: | DRAWN:
CHECKED: | JOB NO:
DATE: 9–23–21
SCALE

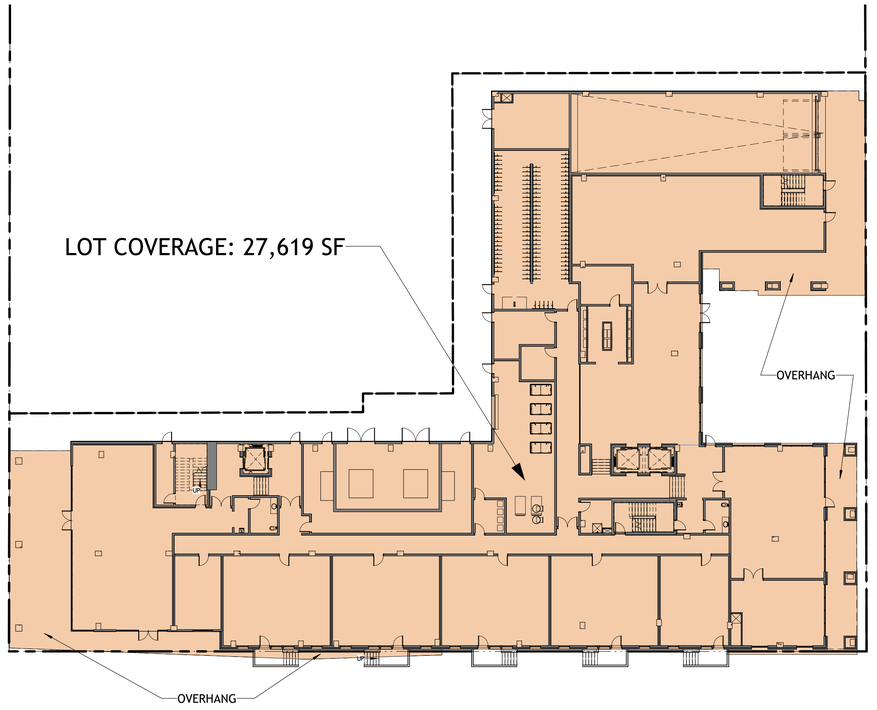
SHEET
L3
OF X SHEETS

TOTAL USEABLE OPEN SPACE
REQUIRED
189 units x 80 sf per unit
15,120 sf Required
Each square-foot of open space that is designated as publicly accessible open space shall be counted as two square-feet of required on-site open space.
PROVIDED
Level 1 Public = 2,980 sf (x2)
Level 1 Private = 1,256 sf
Level 8 = 2,926 sf
10,142 sf Total Provided



1 A0-007 USEABLE OPEN SPACE- LEVEL 1
3/64" = 1'-0"

2 A0-007 USEABLE OPEN SPACE- LEVEL 8
3/64" = 1'-0"



3 A0-007 LOT COVERAGE DIAGRAM
3/64" = 1'-0"

PROJECT # :
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

No.	Description	Date
4	USE PERMIT	10/25/21

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
SITE DIAGRAMS

SHEET NUMBER:
A0-007

NOT RELEASED FOR CONSTRUCTION

BERKELEY PLAZA

2065 KITTREDGE ST, BERKELEY, CA 94704

CA VENTURES

SHEET LIST

A0-001	EXISTING SITE PHOTOS
A0-002	DEMO SITE PLAN EXHIBIT
A0-003	PROJECT STATS
A0-004	ZONING AND CODE INFO
A0-005	DENSITY BONUS PLANS
A0-006	DENSITY BONUS MODEL
A0-007	SITE DIAGRAMS
A1-U10	PLAN- LEVEL U1
A1-011	PLAN- LEVEL 1
A1-021	PLAN- LEVEL 2
A1-031	PLAN- LEVEL 3
A1-041	PLAN- LEVEL 4-7
A1-081	PLAN- LEVEL 8
A3-001	ELEVATIONS- WEST
A3-002	ELEVATIONS- SOUTH
A3-003	ELEVATIONS- NORTH
A3-004	ELEVATIONS- EAST
A3-005	PERSPECTIVES
A3-006	SHADOW STUDIES
A5-001	SAMPLE UNITS
A5-002	SAMPLE UNITS

PROJECT # :

DRAWN BY: TF

CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

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No.	Description	Date
3	SD SET	9/16/21
4	USE PERMIT	10/25/21

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

DEVELOPER

CA STUDENT LIVING BERKELEY, LLC
130 E RANDOLPH STREET
SUITE 2100
CHICAGO, IL 60601

CONTACT: JESSICA LEO

PHONE: (304) 238-4745

CIVIL ENGINEERING

LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC.
135 MAIN STREET
SUITE 1500
SAN FRANCISCO, CA 94105

CONTACT: JASON JOH

PHONE: (415) 955-5200

ARCHITECTURE

NILES BOLTON ASSOCIATES
3060 PEACHTREE RD. N.W.
SUITE 600
ATLANTA, GA 30305

CONTACT: MOHAMED MOHSEN

PHONE: (404) 365-7600

LANDSCAPE ARCHITECTURE

THOMAS BAAK AND ASSOCIATES, LLP
1620 NORTH MAIN STREET
SUITE 4
WALNUT CREEK, CA 94596

CONTACT: RICK STOVER

PHONE: (925) 933-2583

DOCUMENT ISSUANCES:

09-16-21 | SCHEMATIC DESIGN
10-25-21 | USE PERMIT

SHEET TITLE:

COVER SHEET

SHEET NUMBER:

A0-000

NOT RELEASED FOR CONSTRUCTION

1 A0-001 SITE PHOTO - KITTREDGE ST AND HAROLD WAY - LOOKING EAST
12" = 1'-0"

2 A0-001 SITE PHOTO - ALLSTON WAY AND HAROLD WAY - LOOKING EAST
12" = 1'-0"

3 A0-001 SITE PHOTO - HAROLD WAY - LOOKING SOUTH
12" = 1'-0"

4 A0-001 SITE PHOTO - KITTREDGE ST - LOOKING WEST
12" = 1'-0"

PROJECT # :

DRAWN BY: TF

CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

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No.	Description	Date
4	USE PERMIT	10/25/21

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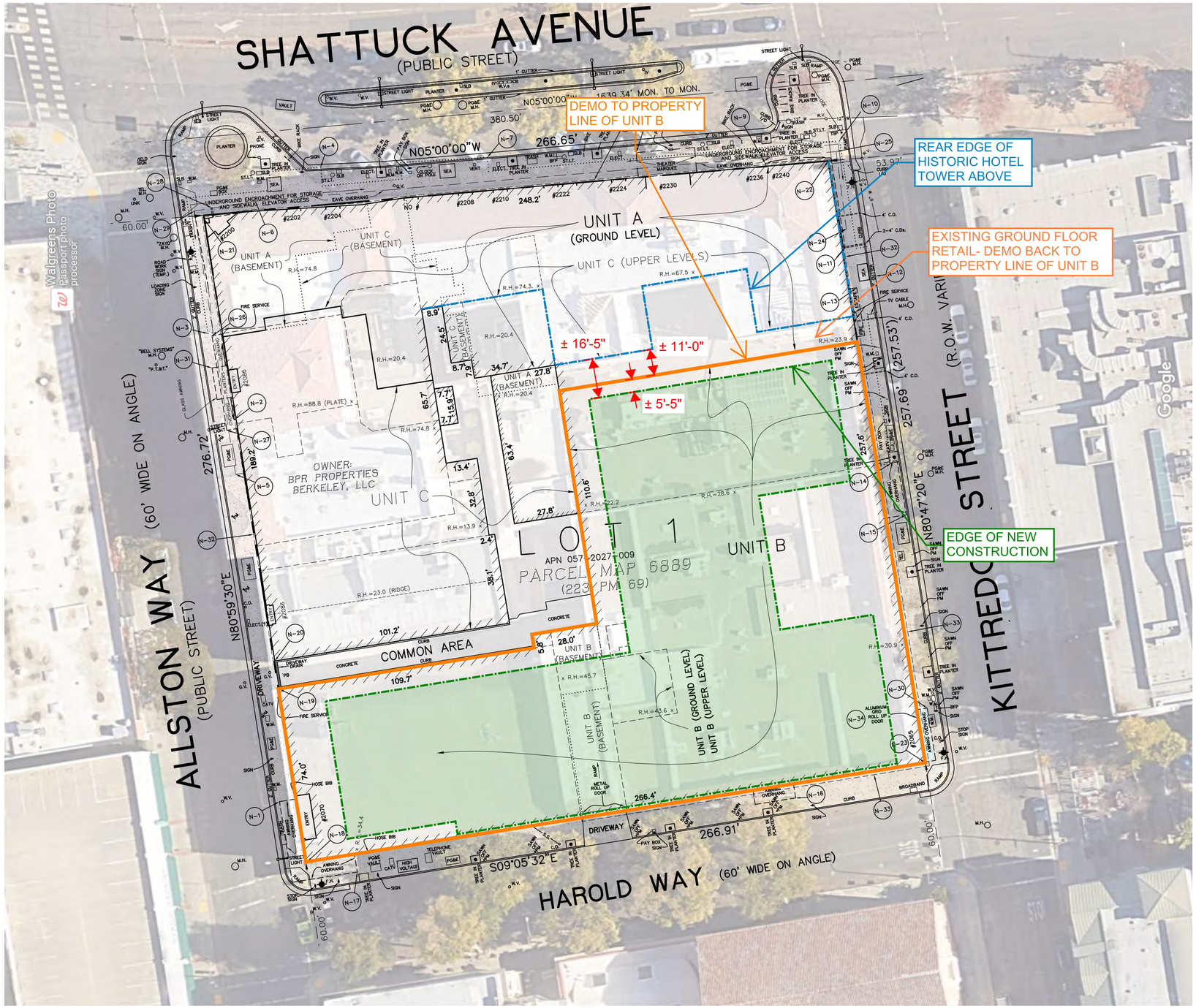
BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
EXISTING SITE PHOTOS

SHEET NUMBER:
A0-001

NOT RELEASED FOR CONSTRUCTION



1 / A0-002 DEMO SITE PLAN EXHIBIT
NOT TO SCALE

PROJECT # :
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

No.	Description	Date
4	USE PERMIT	10/25/21

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
DEMO SITE PLAN EXHIBIT

SHEET NUMBER:
A0-002

NOT RELEASED FOR CONSTRUCTION

UNIT MIX

Unit Count

	Name	S1	S2	S3-A	S3-B	S4	MS1-A	MS1-B	NS1	A1-A	A1-B	A2	B1-A	B1-B	B2-A	B2-B	B2-C	B2-D	B2-E	B3-A	B3-B	B4	B5	B6-A	B6-B	B7-A	B7-B	B8	B9	C1	C2	Total Units	Total Beds
	Bedrooms	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3		
	Bathrooms	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3		
	Beds	1	1	1	1	1	1	1	1	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6		
	Unit GSF	385	376	381	375	362	322	348	295	638	633	641	952	986	984	991	1003	993	908	1030	973	953	956	962	909	977	932	953	971	1373	1374		
WOOD	Floor 8	1	1	–	1	–	2	–	1	1	1	2	4	1	–	–	–	–	1	–	1	1	1	–	1	–	1	1	–	–	1	23	68
WOOD	Floor 7	1	1	–	1	–	2	1	1	–	1	2	4	1	1	1	–	1	–	1	–	1	1	1	–	1	–	1	1	1	1	27	85
WOOD	Floor 6	1	1	–	1	–	2	1	1	–	1	2	4	1	1	1	–	1	–	1	–	1	1	1	–	1	–	1	1	1	1	27	85
WOOD	Floor 5	1	1	–	1	–	2	1	1	–	1	2	4	1	1	1	–	1	–	1	–	1	1	1	–	1	–	1	1	1	1	27	85
WOOD	Floor 4	1	1	–	1	–	2	1	1	–	1	2	4	1	1	1	–	1	–	1	–	1	1	1	–	1	–	1	1	1	1	27	85
MTL	Floor 3	1	1	1	–	–	2	1	1	1	–	2	4	1	1	1	1	–	–	1	–	1	1	1	–	1	–	1	1	1	1	27	85
MTL	Floor 2	1	1	1	–	1	2	–	1	2	–	2	4	4	–	–	–	–	–	–	1	1	1	1	–	1	–	1	–	–	–	25	71
	Floor 1	–	–	–	–	1	–	–	–	1	–	–	–	4	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	6	19
	Floor -1																															–	–
	Total Units	7	7	2	5	2	14	5	7	5	5	14	28	14	5	5	1	4	1	5	2	7	7	6	1	6	1	7	5	5	6	189	583
		49								24			105																	11			
	Unit Mix	4%	4%	1%	3%	1%	7%	3%	4%	3%	3%	7%	15%	7%	3%	3%	1%	2%	1%	3%	1%	4%	4%	3%	1%	3%	1%	4%	3%	3%	3%	**% of Mix**	
		26%								13%			56%																	6%			
	Total Bedrooms	7	7	2	5	2	14	5	7	5	5	14	56	28	10	10	2	8	2	10	4	14	14	12	2	12	2	14	10	15	18	316	
	Bedroom Mix	2%	2%	1%	2%	1%	4%	2%	2%	2%	2%	4%	18%	9%	3%	3%	1%	3%	1%	3%	1%	4%	4%	4%	1%	4%	1%	4%	3%	5%	6%	100%	
	Total Beds	7	7	2	5	2	14	5	7	10	10	28	112	56	20	20	4	16	4	20	8	28	28	24	4	24	4	28	20	30	36	583	
	Bed Mix	1%	1%	0%	1%	0%	2%	1%	1%	2%	2%	5%	19%	10%	3%	3%	1%	3%	1%	3%	1%	5%	5%	4%	1%	4%	1%	5%	3%	5%	6%	100%	
		8%								8%			72%																	11%			

Square Footage Calc

	S1	S2	S3-A	S3-B	S4	MS1-A	MS1-B	NS1	A1-A	A2	A1-B	B1-A	B1-B	B2-A	B2-B	B2-C	B2-D	B2-E	B3-A	B3-B	B4	B5	B6-A	B6-B	B7-A	B7-B	B8	B9	C1	C2	Total
	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	
	1	1	1	1	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	3	
	1	1	1	1	1	1	1	1	2	2	2	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	
	385	376	381	375	362	322	348	295	638	641	633	952	986	984	991	1003	993	908	1030	973	953	956	962	909	977	932	953	971	1373	1374	
Floor 8	385	376	–	375	–	644	–	295	638	1,282	633	3,808	986	–	–	–	–	908	–	973	953	956	–	909	–	932	953	–	–	1,374	17,380
Floor 7	385	376	–	375	–	644	348	295	–	1,282	633	3,808	986	984	991	–	–	993	–	1,030	–	953	956	962	–	977	–	953	971	1,373	1,374	21,649
Floor 6	385	376	–	375	–	644	348	295	–	1,282	633	3,808	986	984	991	–	–	993	–	1,030	–	953	956	962	–	977	–	953	971	1,373	1,374	21,649
Floor 5	385	376	–	375	–	644	348	295	–	1,282	633	3,808	986	984	991	–	–	993	–	1,030	–	953	956	962	–	977	–	953	971	1,373	1,374	21,649
Floor 4	385	376	–	375	–	644	348	295	–	1,282	633	3,808	986	984	991	–	–	993	–	1,030	–	953	956	962	–	977	–	953	971	1,373	1,374	21,649
Floor 3	385	376	381	–	–	644	348	295	638	1,282	–	3,808	986	984	991	1,003	–	–	1,030	–	953	956	962	–	977	–	953	971	1,373	1,374	21,670
Floor 2	385	376	381	–	362	644	–	295	1,276	1,282	–	3,808	3,944	–	–	–	–	–	–	973	953	956	962	–	977	–	953	–	–	–	18,527
Floor 1	–	–	–	–	362	–	–	–	638	–	–	–	3,944	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	4,944
Floor -1	–											–	–	–	–	–	–	–	–	–	–								–	–	–
	2,695	2,632	762	1,875	724	4,508	1,740	2,065	3,190	8,974	3,165	26,656	13,804	4,920	4,955	1,003	3,972	908	5,150	1,946	6,671	6,692	5,772	909	5,862	932	6,671	4,855	6,865	8,244	149,117

AVG.	347	AVG.	639	AVG. 968	AVG. 1,374

AREA TABLE

Area Tables in Pro Forma

Floors	GSF	Common	Utility	Res.	Amenity / Lobby	Parking	Exterior SF (not in GSF)	# Units	# Parking	Efficiency	Height
Floor 8	22,683	3,852	461	17,428	942		2,926	23		76.8%	87
Floor 7	26,009	3,852	461	21,696				27		83.4%	77
Floor 6	26,009	3,852	461	21,696				27		83.4%	67
Floor 5	26,009	3,852	461	21,696				27		83.4%	57
Floor 4	26,009	3,852	461	21,696				27		83.4%	47
Floor 3	26,009	3,852	461	21,696				27		83.4%	37
Floor 2	23,687	3,728	464	18,583	912			25		78.5%	27
Floor 1	23,773	3,498	3,795	4,953	8,268	3,259		6		20.8%	15
Floor -1	16,669	812				15,857		–	43		(10)
Total	**216,857**	**31,150**	**7,025**	**149,444**	**10,122**	**19,116**	**2,926**	**189**	**43**		

EXISTING SITE DESCRIPTION

THE USE OF THE APPROXIMATELY 95,000 SF EXISTING BUILDING INCLUDES SERVICE AND OFFICE SPACE (APPROXIMATELY 3,000 RSF) ON 4 LEVELS (BASEMENT THROUGH PARTIAL THIRD FLOOR). THERE WERE NO PREVIOUS RESIDENTIAL USES ON THE PROJECT SITE. THE ENTIRE EXISTING BUILDING AND BASEMENT WILL BE DEMOLISHED WITHIN THE PROPERTY BOUNDARY.

PROPOSED PROJECT DESCRIPTION

THE PROPOSED PROJECT IS AN OFF-CAMPUS STUDENT HOUSING COMMUNITY THAT CONTAINS 189 UNITS (583 BEDS).THE PROJECT UNIT TYPES INCLUDE STUDIOS, 1 BEDROOM, 2 BEDROOM, AND 3 BEDROOM UNITS.

THE BUILDING TOTALS 216,857 GSF, WHICH INCLUDES 149,444 SF OF RESIDENTIAL AREA AND 10,122 SF OF INDOOR RESIDENTIAL AMENITY AREA IN ADDITION TO 2,926 SF OF ELEVATED ROOF TERRACE AMENITY.

THE PROJECT IS DESIGNED AS TYPE-IIIA CONSTRUCTION (WOOD) OVER TYPE-IA (PODIUM) WITH A TOTAL OF 8 RESIDENTIAL LEVELS. A PARTIAL BASEMENT IS ALSO PROVIDED TO HOUSE 43 PARKING SPACES. ADDITIONALLY, THE PROJECT WILL PROVIDE 114 BIKE PARKING SPACES ON THE GROUND FLOOR.

PROJECT # :

DRAWN BY: TF

CHECKED BY: MM

NILES BOLTON ASSOCIATES

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No.	Description	Date
2	PRELIM.APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/25/21

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:

PROJECT STATS

SHEET NUMBER:

A0-003

NOT RELEASED FOR CONSTRUCTION

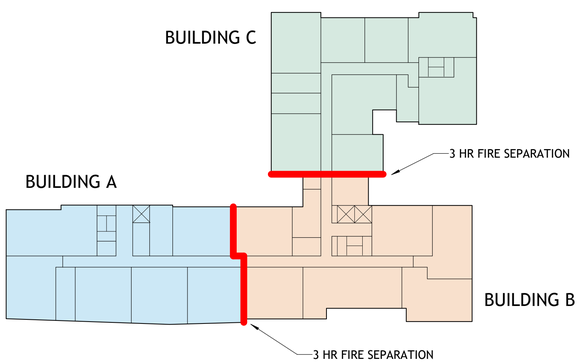
CONSTRUCTION INFORMATION

BERKELEY PLAZA	
CONSTRUCTION TYPE	5 LEVELS OF TYPE IIIA CONSTRUCTION OVER 3 LEVELS OF TYPE IA AND 1 BASEMENT LEVEL OF TYPE IA
SPRINKLER SYSTEM	NFPA 13
CLIMATE ZONE	3
SEISMIC CATEGORY	D
JURISDICTION	CITY OF BERKELEY

BUILDING HEIGHTS AND AREAS				
TYPE IIIA CONSTRUCTION				
BUILDING HEIGHT, PER CBC TABLE 504.3 AND 504.4	MAX ALLOWABLE STORIES: 5			
	ACTUAL STORIES (ABOVE PODIUM): 5			
	MAX ALLOWABLE HEIGHT: 85'			
	ACTUAL HEIGHT (ABOVE AVG GRADE): 84'			
BUILDING AREA, PER CBC TABLE 506.2 [At+(NS x If)]xSa	LEVEL	BLDG A AREA	BLDG B AREA	BLDG C AREA
	4	8,441 SF	8,841 SF	8,727 SF
	5	8,441 SF	8,841 SF	8,727 SF
	6	8,441 SF	8,841 SF	8,727 SF
	7	8,441 SF	8,841 SF	8,727 SF
	8	5,268 SF	8,784 SF	8,629 SF
TOTAL PROPOSED BUILDING AREA		**39,032 SF**	**44,148 SF**	**43,537 SF**
At: Tabular Area per Table 506.2 SM NS: Tabular Area Factor for non Sprinkled If: Frontage Increase Sa: 2 (R Occupancy)		24,000 + (24,000 X 0) X2 =	24,000 + (24,000 X 0) X2 =	24,000 + (24,000 X 0) X2=
TOTAL ALLOWABLE AREA		**48,000 SF**	**48,000 SF**	**48,000 SF**
TYPE IA CONSTRUCTION				
BUILDING HEIGHT PER CBC TABLE 504.3 AND 504.4	MAX ALLOWABLE STORIES: UNLIMITED			
	ACTUAL STORIES: 3			
	MAX ALLOWABLE HEIGHT: UNLIMITED			
	ACTUAL HEIGHT (ABOVE AVG GRADE): 34'			
BUILDING AREA, PER CBC TABLE 506.2	TOTAL ALLOWABLE AREA: UNLIMITED			
	TOTAL PROPOSED AREA: 90,138 SF			

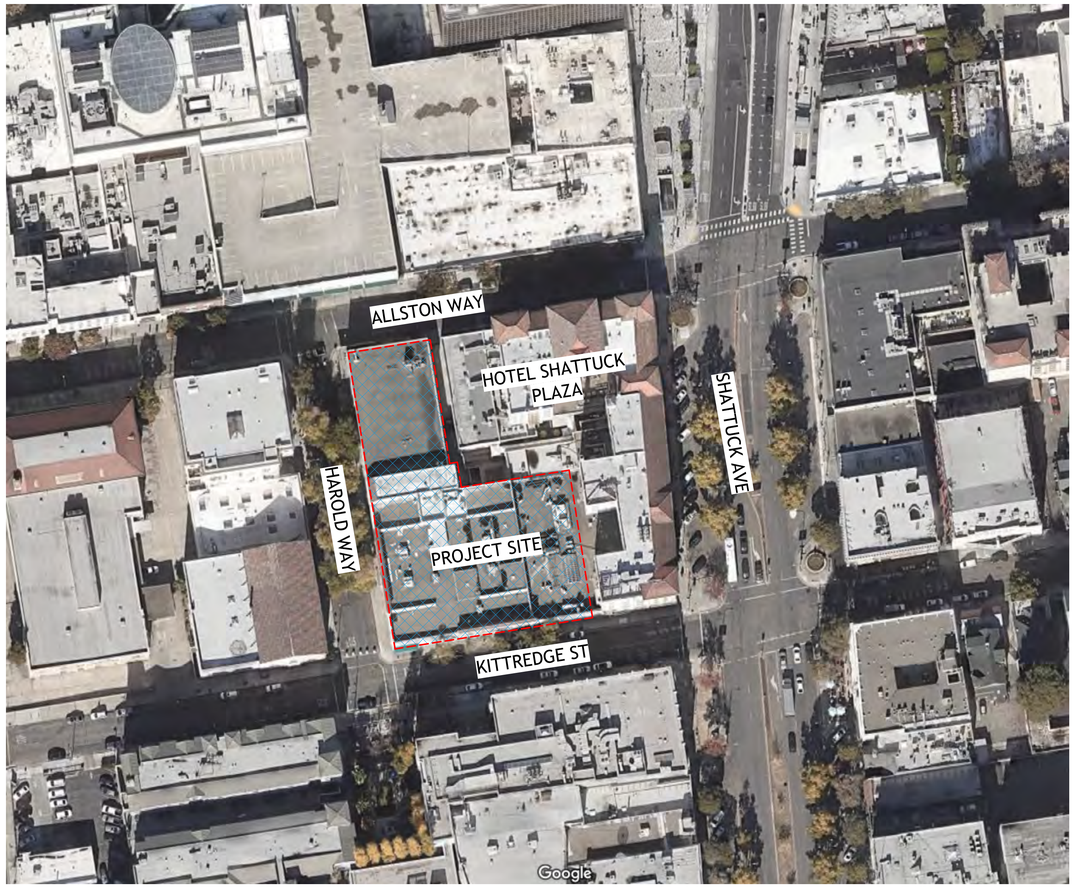
FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS PER TABLE 601				
BUILDING ELEMENT	REQUIRED HOURLY RATING		PROVIDED HOURLY RATING	
	TYPE IA	TYPE IIIA	TYPE IA	TYPE IIIA
PRIMARY STRUCTURAL FRAME	3	1	3	1
EXTERIOR BEARING WALL	3	2	3	2
INTERIOR BEARING WALL	3	1	3	1
NON-BEARING EXTERIOR WALL	2	2	2	2
FLOOR CONSTRUCTION	2	1	2	1
ROOF CONSTRUCTION	1.5	1	1.5	1

ACCESSIBILITY PROVISIONS	
UNITS	ALL UNITS TO COMPLY WITH THE FAIR HOUSING ACT AS THE BASE SAFE HARBOR. ALL UNITS TO BE ADAPTABLE AND ACCESSIBLE PER CBC SECTION 1128A.1
PUBLIC AREAS	ALL AREAS OF COMMERCE THAT ARE OPEN TO THE PUBLIC MUST COMPLY WITH 2010 ADA ACCESSIBILITY GUIDELINES AND CBC CHAPTER 11B
COMMON USE AREAS	ALL COMMON USE AREAS NOT OPEN TO THE PUBLIC MUST COMPLY WITH CBC SECTION 1127A
MEANS OF EGRESS	
	EXITS TO BE 1/3 DIAGONAL OF THE LENGTH OF THE MAXIMUM OVERALL DIAGONAL DIMENSION OF THE AREA SERVED, MEASURED ALONG THE SHORTEST DIRECT LINE OF TRAVEL WITHIN A ONE HOUR RATED CORRIDOR
	AREAS OF REFUGE NOT REQUIRED PER CBC 1009.3 EXCEPTION 8



CODE INFORMATION

The proposed project will comply with the Berkeley Energy Code (BMC Chapter 19.36) and Berkeley Green Code (BMC Chapter 19.37), adopted by City Council on December 3rd., 2019, where building design must incorporate all-electric systems.



TRUE NORTH

1 A0-004 SITE MAP
12" = 1'-0"

WAIVER/CONCESSION LIST

- Waiver to exceed the height limit – Proposed at 87'-0", where 60 ft/75 ft with use permit is the limit. The 87'-0" proposed is measured to top of roof and does not include the additional 5 feet parapet allowed by right.
- Waiver to construct rooftop projections, such as mechanical appurtenances or architectural elements which exceed the maximum heigh limit for the district.
- Waiver to encroach over the property line to accommodate stoops/planters outside of the ground level residential units proposed along Harold Way – encroachment up to 5'-4" beyond property line.
- Waiver for minor encroachments above the sidewalks along Harold Way – encroachment up to 30" for a length of 110 feet and up to 12" for a length of 40 feet.
- Waiver to reduce the front, side, and rear setbacks.
- Concession for reduction in useable open space and the percentage of associated landscaped area.

TABULATION FORM

Project Address: 2065 Kittredge St Date: 10-25-21

Applicant's Name: Bill Schrader

Zoning District C-DMU Core

Please print in ink the following numerical information for your Administrative Use Permit, Use Permit, or Variance application:

		Existing	Proposed	Permitted/ Required	
Units, Parking Spaces & Bedrooms					
Number of Dwelling Units	(#)	0	189	N/A	
Number of Parking Spaces	(#)	0	43	N/A	
Number of Bedrooms (R-1, R-1A, R-2, R-2A, and R-3 only)	(#)	N/A	-	N/A	
Yards and Height					
Front Yard Setback	(Feet)	0'	0'	0' Minimum (0'-75' Height) 15' Minimum (76'+ Height)	WAIVER
Side Yard Setbacks: (facing property)	Left: (Feet)	0'	0'	0' Minimum (0'-75' Height) 15' Minimum (76'+ Height)	WAIVER
	Right: (Feet)	0'	0'	0' Minimum (0'-75' Height) 15' Minimum (76'+ Height)	WAIVER
Rear Yard Setback	(Feet)	0'	5' MIN	5' Minimum (21'-75' Height) 15' Minimum (76'-120' Height)	WAIVER
Building Height*	(# Stories)	3	8	-	WAIVER
Average*	(Feet)	25'	87'	-	WAIVER
Maximum*	(Feet)	25'	87'	-	WAIVER
Areas					
Lot Area	(Square-Feet)	33,582 sf	33,582 sf	-	
Gross Floor Area* Total Area Covered by All Floors	(Square-Feet)	92,531 sf	183,876 sf	-	
Building Footprint* Total of All Structures	(Square-Feet)	33,582 sf	27,619 sf	-	
Lot Coverage* (Footprint/Lot Area)	(%)	100%	82%	-	
Useable Open Space*	(Square-Feet)	0	10,142 sf	15,120 sf	CONCESSION
Floor Area Ratio* Non-Residential only	(Except ES-R)	2.8:1	5.5:1	-	

PROJECT # :
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

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No.	Description	Date
4	USE PERMIT	10/25/21

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

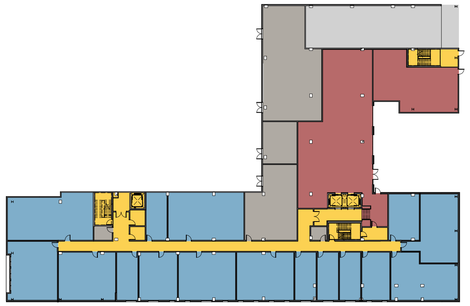
CA VENTURES

SHEET TITLE:
ZONING AND CODE INFO

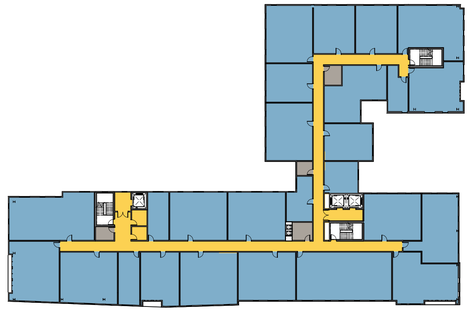
SHEET NUMBER:
A0-004

NOT RELEASED FOR CONSTRUCTION

BASE PROJECT FLOORPLANS



1 A0-005 BASE PLAN - LEVEL 1
1" = 40'-0"



2 A0-005 BASE PLAN - LEVELS 2-7
1" = 40'-0"

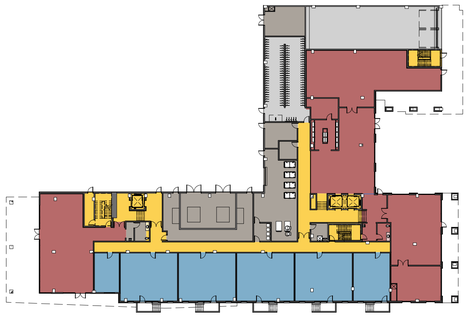
BASE PROJECT AREA TOTALS

BASE PROJECT

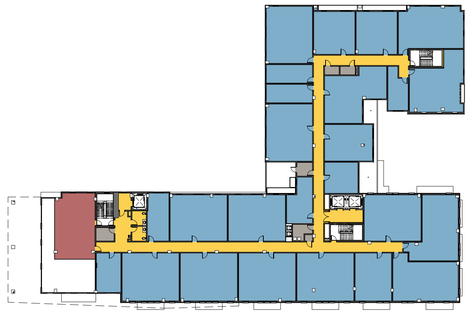
		RESIDENTIAL	COMMON	AMENITY		TOTAL
L1		12200	3237	5055		20,492
L2		22113	3033			25,146
L3		22113	3033			25,146
L4		22113	3033			25,146
L5		22113	3033			25,146
L6		22113	3033			25,146
L7		22113	3033			25,146

TOTAL	171,368

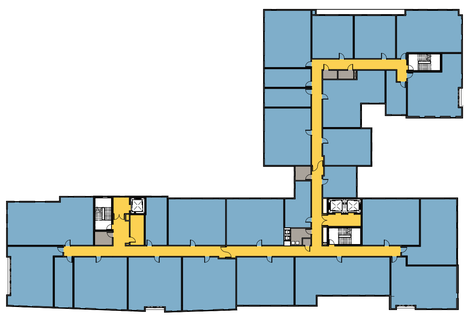
PROPOSED PROJECT FLOORPLANS



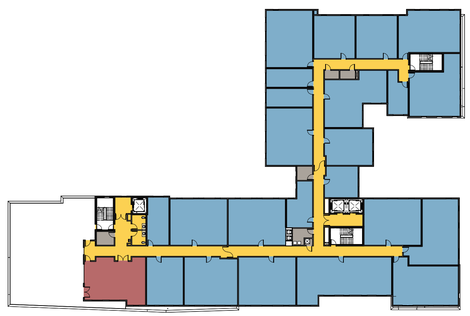
3 A0-005 LEVEL 1
1" = 40'-0"



4 A0-005 LEVEL 2
1" = 40'-0"



6 A0-005 LEVELS 3-7
1" = 40'-0"



7 A0-005 LEVEL 8
1" = 40'-0"

PROPOSED PROJECT AREA TOTALS

PROPOSED PROJECT

		RESIDENTIAL	COMMON	AMENITY		TOTAL
L1		4953	3490	8283		16,726
L2		18568	2879	916		22,363
L3		21671	3015			24,686
L4		21671	3015			24,686
L5		21671	3015			24,686
L6		21671	3015			24,686
L7		21671	3015			24,686
L8		17409	3006	942		21,357

TOTAL	183,876

NOTES:

There are subtle differences between the footprints for the Base and Proposed Projects which makes the areas slightly different. The Proposed Project floor plan includes several insets and setbacks that are not included in the Base Project. These insets were introduced to break up the large façades and add architectural interest.

The bike parking is excluded from the area calculations for the Base and Proposed Projects. In the Base Project, the bike room is assumed to be located on the U1 level with the subterranean parking. The space along the back alley on the ground level includes residential and utility use. In the Proposed Project, the space along the back alley is dedicated to utility and bike parking. In both Projects (Base & Proposed), parking and utility areas are excluded from the Residential Floor Area calculations.

RESIDENTIAL
AMENITY
COMMON SPACE
PARKING - EXCLUDED FROM AREA TOTAL
UTILITY - EXCLUDED FROM AREA TOTAL

DENSITY BONUS CALCULATIONS

Calculator

Base Project	Base # Units	Base # Units	% VLI units	# VLI Units	#VLI Units	Bonus %	# DB Units	# DB Units	Total Units
sq. ft. - see calculation below	base project/avg. unit size	Base Units/Max. Residential Density (rounded up)	VLI = Very Low Income <50 AMI	% VLI x Base # Units			%Bonus x Base # Units (rounded up)	%Bonus x Base # Units (rounded up)	base unit + DB Units (rounded up)
171,368	176.14	177.00	5%	8.85	9.00	20.0%	35.40	36.00	213

Base Project Square Footage (a,b)	Floor	Residential Sq. Footage Proposed (a)	Number of Units Proposed
20,492	first	16,726	6
25,146	second	22,363	25
25,146	third	24,686	27
25,146	fourth	24,686	27
25,146	fifth	24,686	27
25,146	sixth	24,686	27
25,146	seventh	24,686	27
	eighth	21,357	23
171,368	**TOTAL**	**183,876**	**189**

Total Square Footage:	**183,876**
Proposed Units:	**189**
Average Unit Size:	**973**

%VLI	%DB
5%	20.0%
6%	22.5%
7%	25.0%
8%	27.5%
9%	30.0%
10%	32.5%
11%	35.0%

(a) Includes Residential Amenities (lobby, mailbox room bike parking, restrooms, etc.)
Note that required outdoor area (80 sf/unit) will be provided on outdoors decks (rooftop, 2nd and 7th floors)
(b) Based on a 65' maximum building height

PROJECT # :
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

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No.	Description	Date
4	USE PERMIT	10/25/21

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

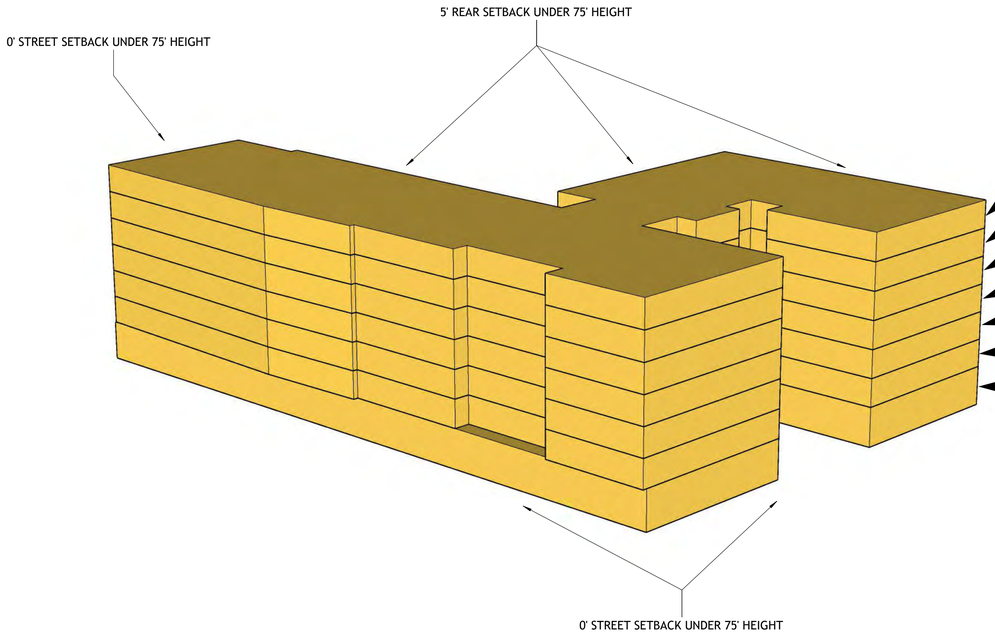
CA VENTURES

SHEET TITLE:
DENSITY BONUS PLANS

SHEET NUMBER:
A0-005

NOT RELEASED FOR CONSTRUCTION

BASE PLAN MODEL

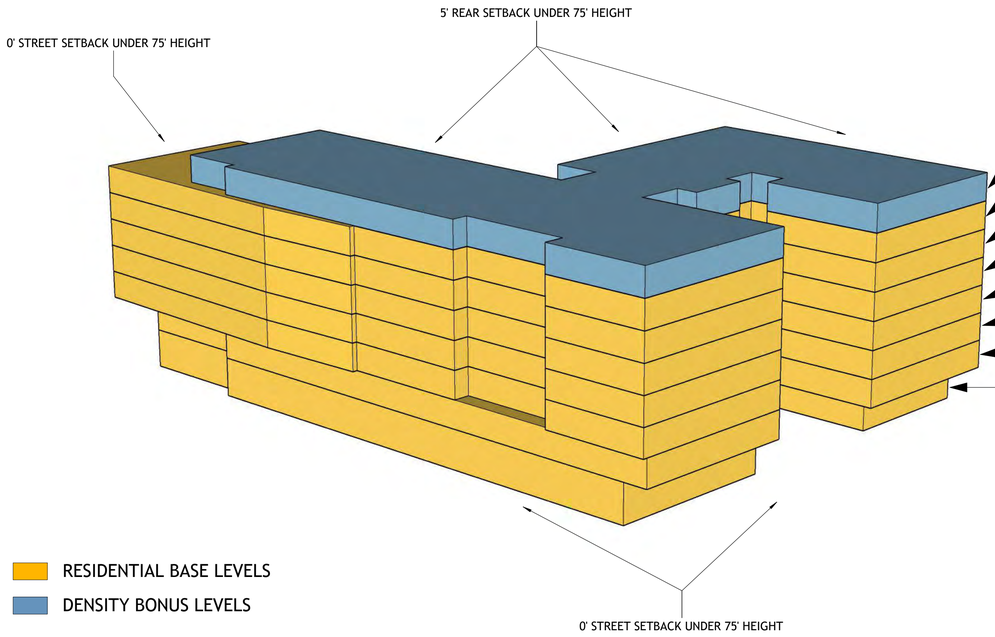


7TH FLOOR - 25,146 SF
6TH FLOOR - 25,146 SF
5TH FLOOR - 25,146 SF
4TH FLOOR - 25,146 SF
3RD FLOOR - 25,146 SF
2ND FLOOR - 25,146 SF
1ST FLOOR - 20,492 SF

TOTAL RESIDENTIAL FLOOR AREA: 171,368 SF

RESIDENTIAL AREA INCLUDES 6' CORRIDOR AND
RESIDENTIAL AMENITY AREAS. EXCLUSED STAIRS,
ELEVATORS, AND UTILITY AREAS

PROPOSED PLAN MODEL



8TH FLOOR - 21,358 SF
7TH FLOOR - 24,686 SF
6TH FLOOR - 24,686 SF
5TH FLOOR - 24,686 SF
4TH FLOOR - 24,686 SF
3RD FLOOR - 24,686 SF
2ND FLOOR - 22,363 SF
1ST FLOOR - 16,726 SF

TOTAL RESIDENTIAL FLOOR AREA: 183,876 SF

RESIDENTIAL AREA INCLUDES 6' CORRIDOR AND
RESIDENTIAL AMENITY AREAS. EXCLUSED STAIRS,
ELEVATORS, AND UTILITY AREAS

RESIDENTIAL BASE LEVELS
DENSITY BONUS LEVELS

PROJECT # :
DRAWN BY: Author
CHECKED BY: Checker

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

No.	Description	Date

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

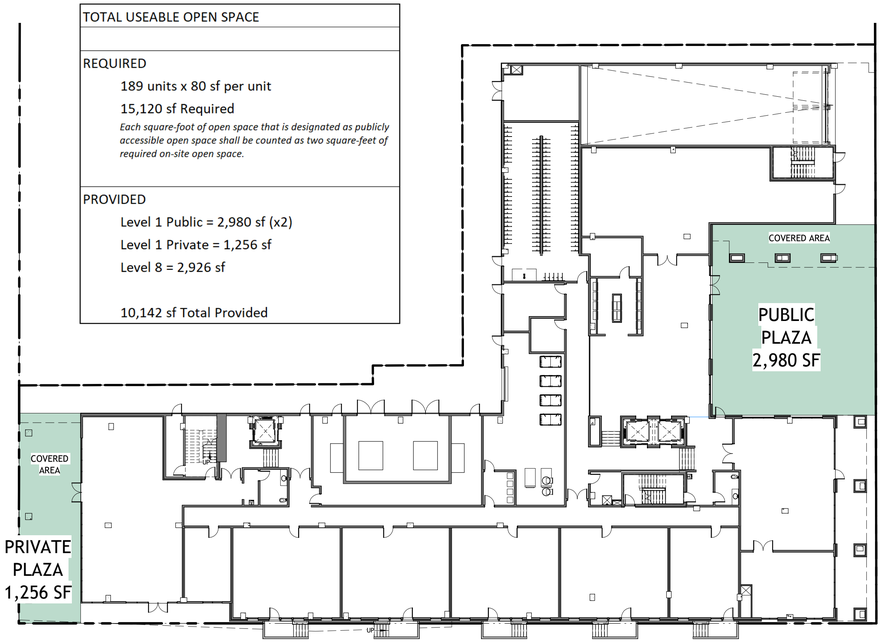
CA VENTURES

SHEET TITLE:
DENSITY BONUS MODEL

SHEET NUMBER:
A0-006

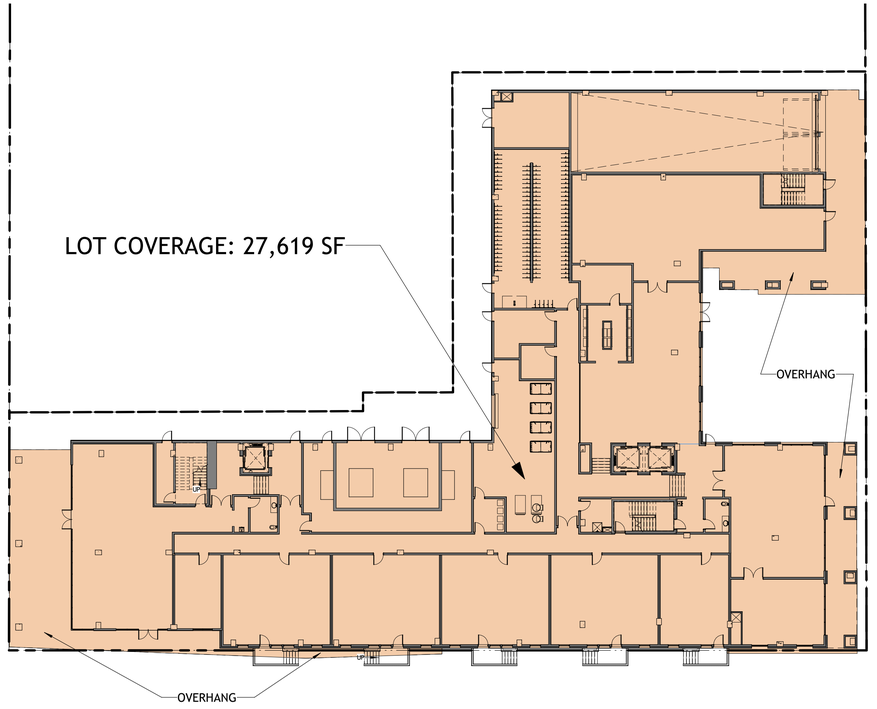
NOT RELEASED FOR CONSTRUCTION

TOTAL USEABLE OPEN SPACE
REQUIRED
189 units x 80 sf per unit
15,120 sf Required
Each square-foot of open space that is designated as publicly accessible open space shall be counted as two square-feet of required on-site open space.
PROVIDED
Level 1 Public = 2,980 sf (x2)
Level 1 Private = 1,256 sf
Level 8 = 2,926 sf
10,142 sf Total Provided



1 / A0-007 USEABLE OPEN SPACE- LEVEL 1
3/64" = 1'-0"

2 / A0-007 USEABLE OPEN SPACE- LEVEL 8
3/64" = 1'-0"



3 / A0-007 LOT COVERAGE DIAGRAM
3/64" = 1'-0"

PROJECT # :
DRAWN BY: TF
CHECKED BY: MM

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No.	Description	Date
4	USE PERMIT	10/25/21

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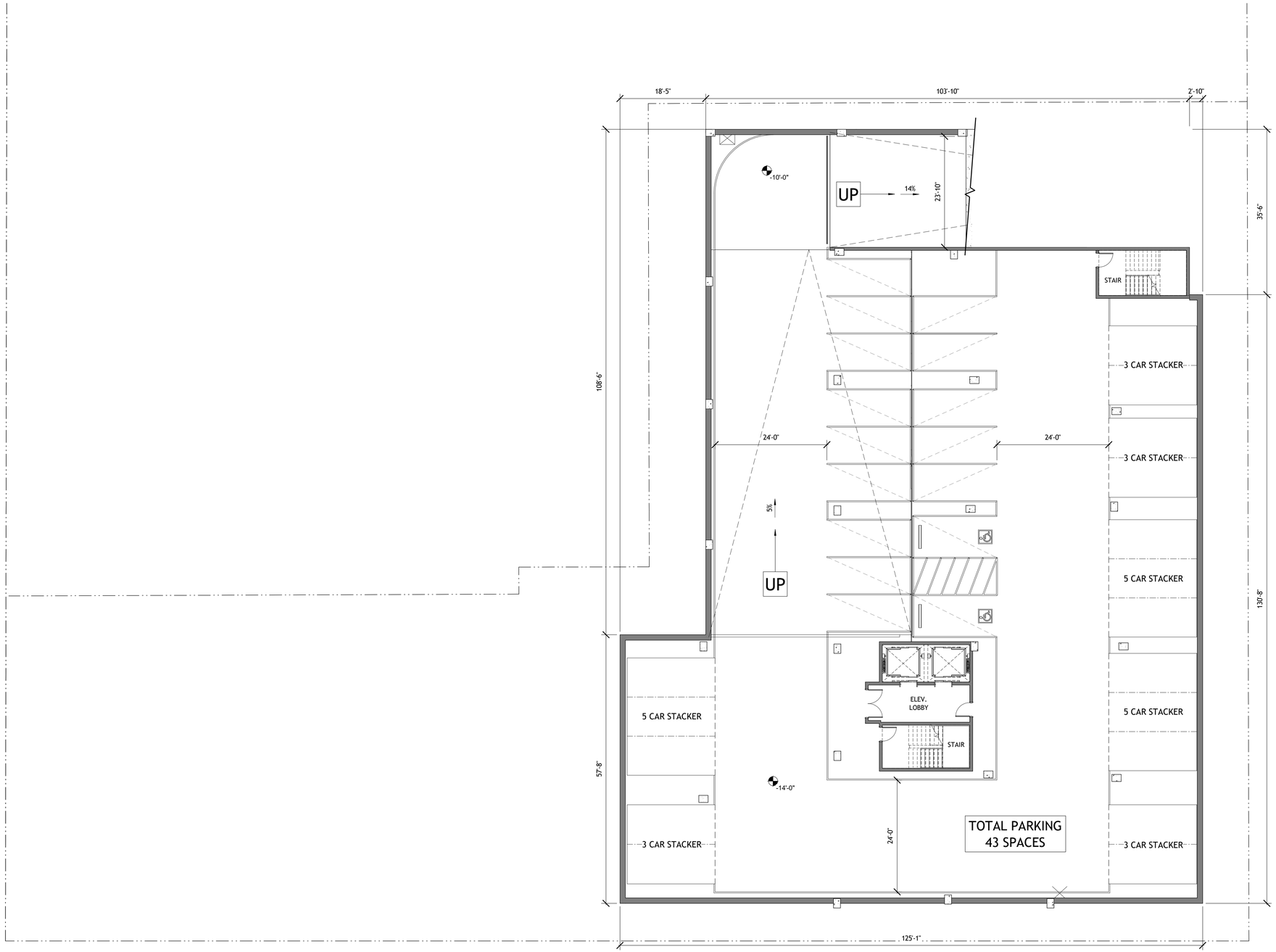
CA VENTURES

SHEET TITLE:
SITE DIAGRAMS

SHEET NUMBER:
A0-007

NOT RELEASED FOR CONSTRUCTION



1 / A1-U10 PRESENTATION FLOOR PLAN- LEVEL U1
3/32" = 1'-0"

TRUE NORTH

PROJECT # :
DRAWN BY: TF
CHECKED BY: MM

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No.	Description	Date
1	PLAN UPDATE	6/28/21
2	PRELIM APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/25/21

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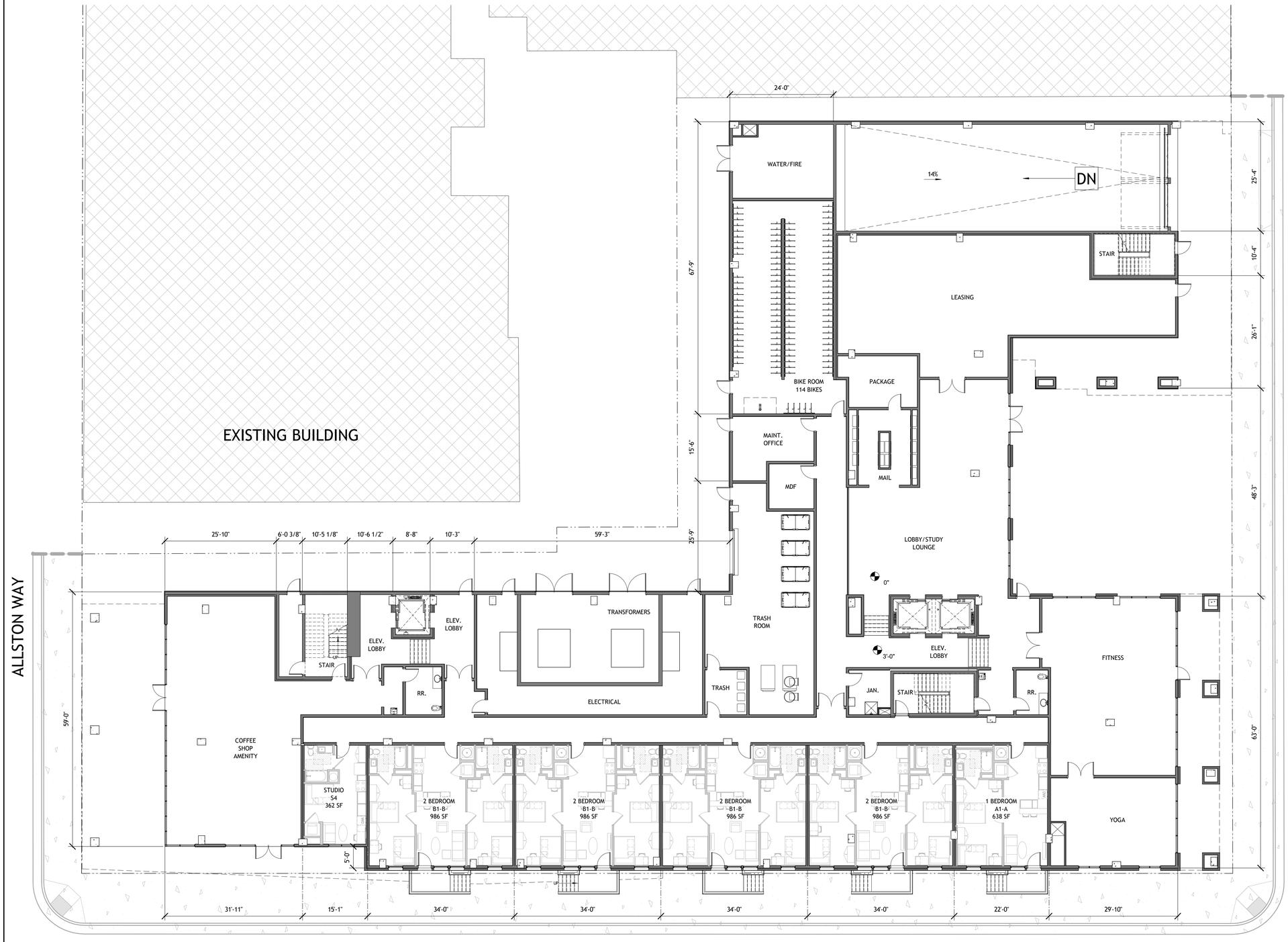
CA VENTURES

SHEET TITLE:
PLAN- LEVEL U1

SHEET NUMBER:
A1-U10

NOT RELEASED FOR CONSTRUCTION



1 / A1-011 PRESENTATION FLOOR PLAN- LEVEL 1
3/32" = 1'-0"

TRUE NORTH

PROJECT # :
DRAWN BY: TF
CHECKED BY: MM

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No.	Description	Date
1	PLAN UPDATE	6/28/21
2	PRELIM APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/25/21

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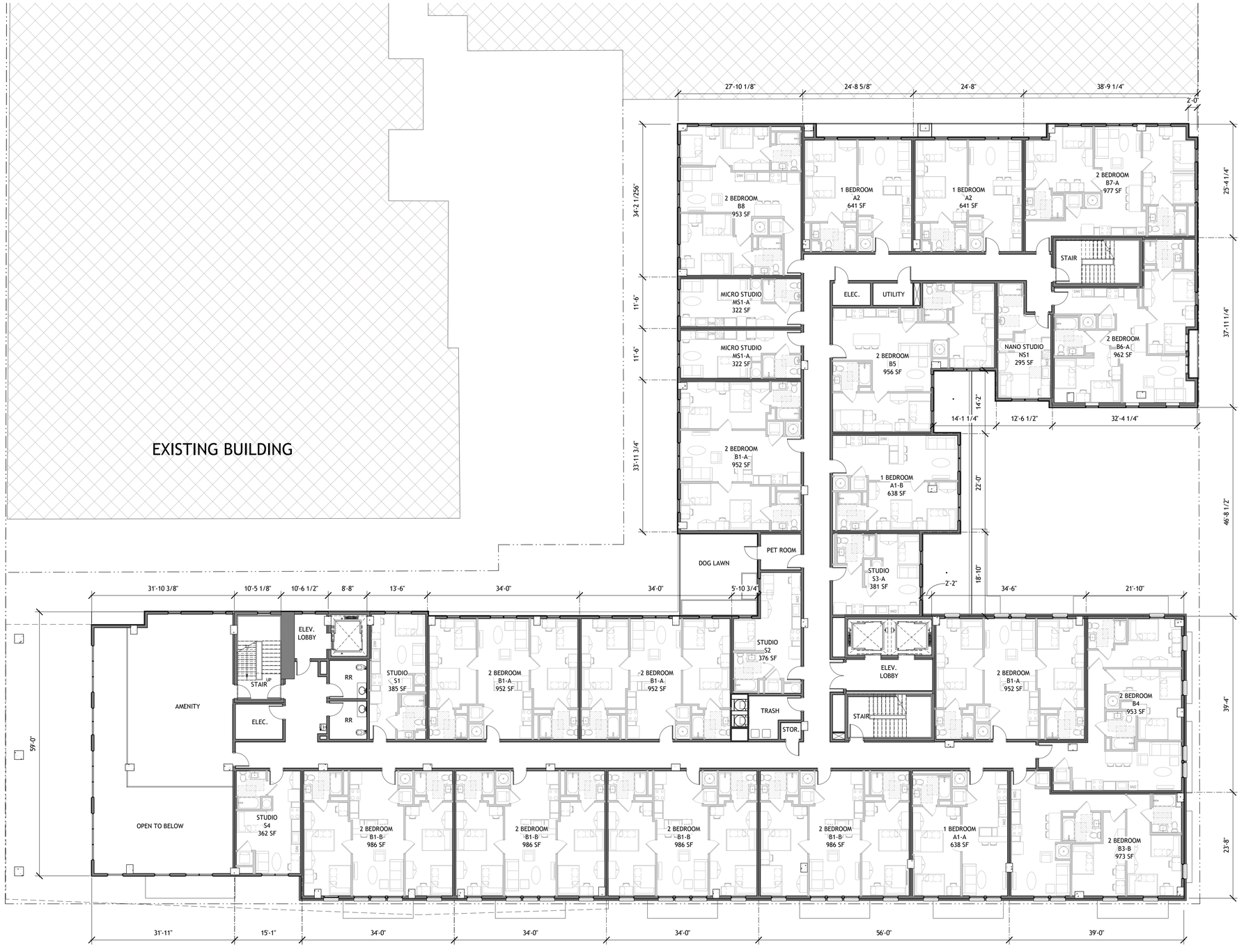
CA VENTURES

SHEET TITLE:
PLAN- LEVEL 1

SHEET NUMBER:
A1-011

NOT RELEASED FOR CONSTRUCTION



1 / A1-021 PRESENTATION FLOOR PLAN- LEVEL 2
3/32" = 1'-0"

TRUE NORTH

PROJECT # :

DRAWN BY: TF

CHECKED BY: MM

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No.	Description	Date
1	PLAN UPDATE	6/28/21
2	PRELIM APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/25/21

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BERKELEY PLAZA
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CA VENTURES

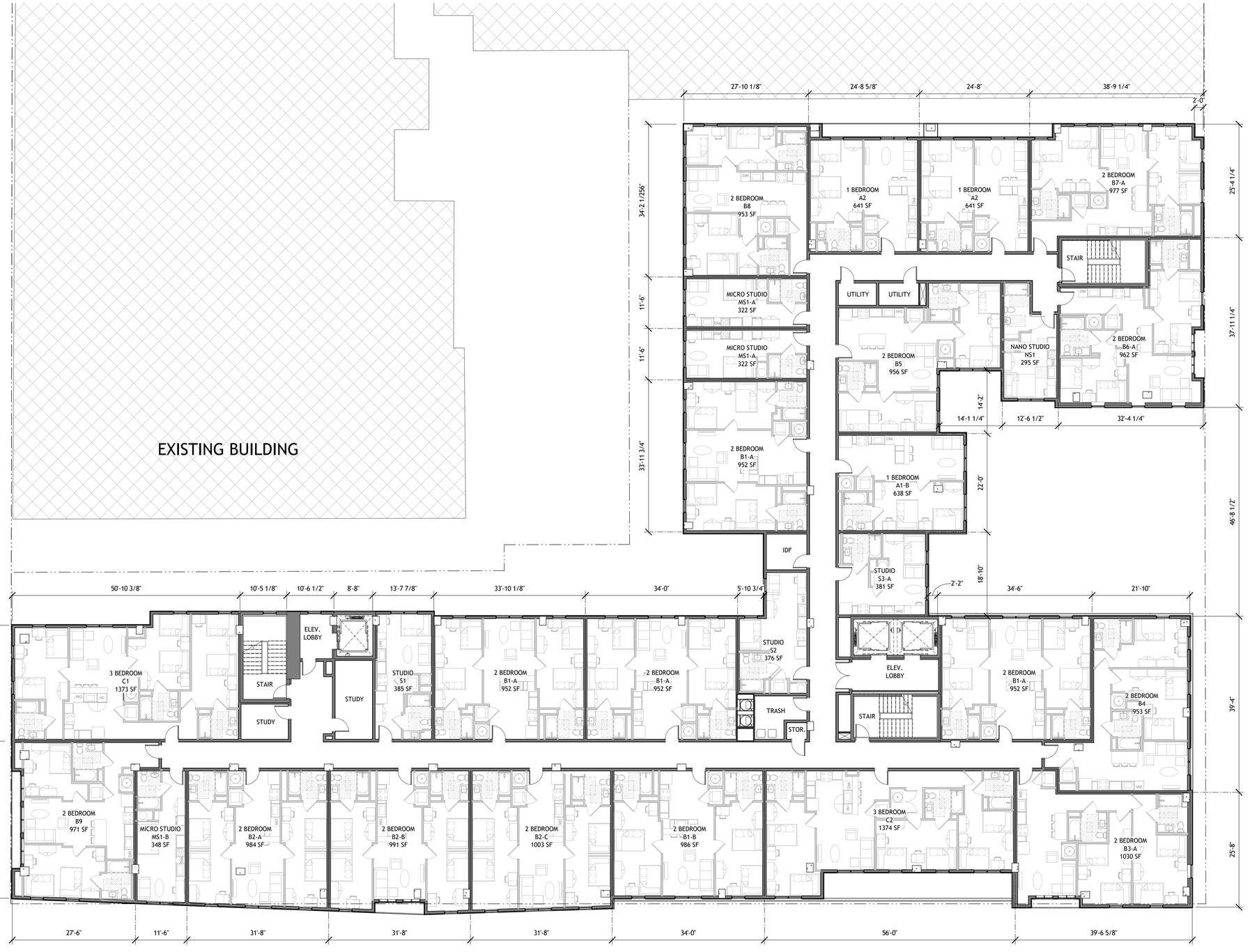
SHEET TITLE:

PLAN- LEVEL 2

SHEET NUMBER:

A1-021

NOT RELEASED FOR CONSTRUCTION



1 / A1-031 PRESENTATION FLOOR PLAN- LEVEL 3
3/32" = 1'-0"

TRUE NORTH

PROJECT # :

DRAWN BY: TF

CHECKED BY: MM

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1	PLAN UPDATE	6/28/21
2	PRELIM APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/25/21

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CA VENTURES

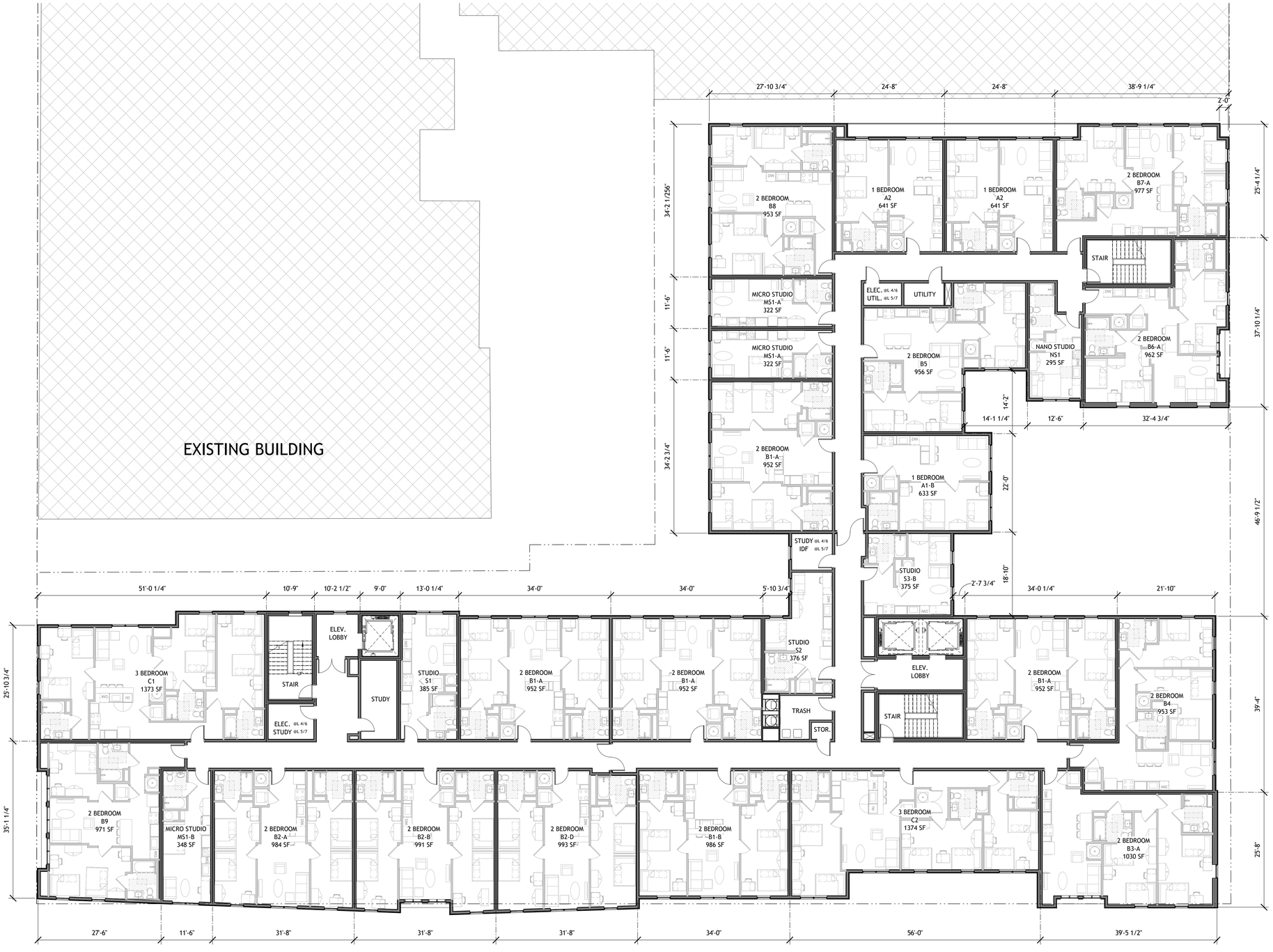
SHEET TITLE:

PLAN- LEVEL 3

SHEET NUMBER:

A1-031

NOT RELEASED FOR CONSTRUCTION



1 / A1-041 PRESENTATION FLOOR PLAN- LEVEL 4-7
3/32" = 1'-0"

TRUE NORTH

PROJECT # :

DRAWN BY: TF

CHECKED BY: MM

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No.	Description	Date
1	PLAN UPDATE	6/28/21
2	PRELIM APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/25/21

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CA VENTURES

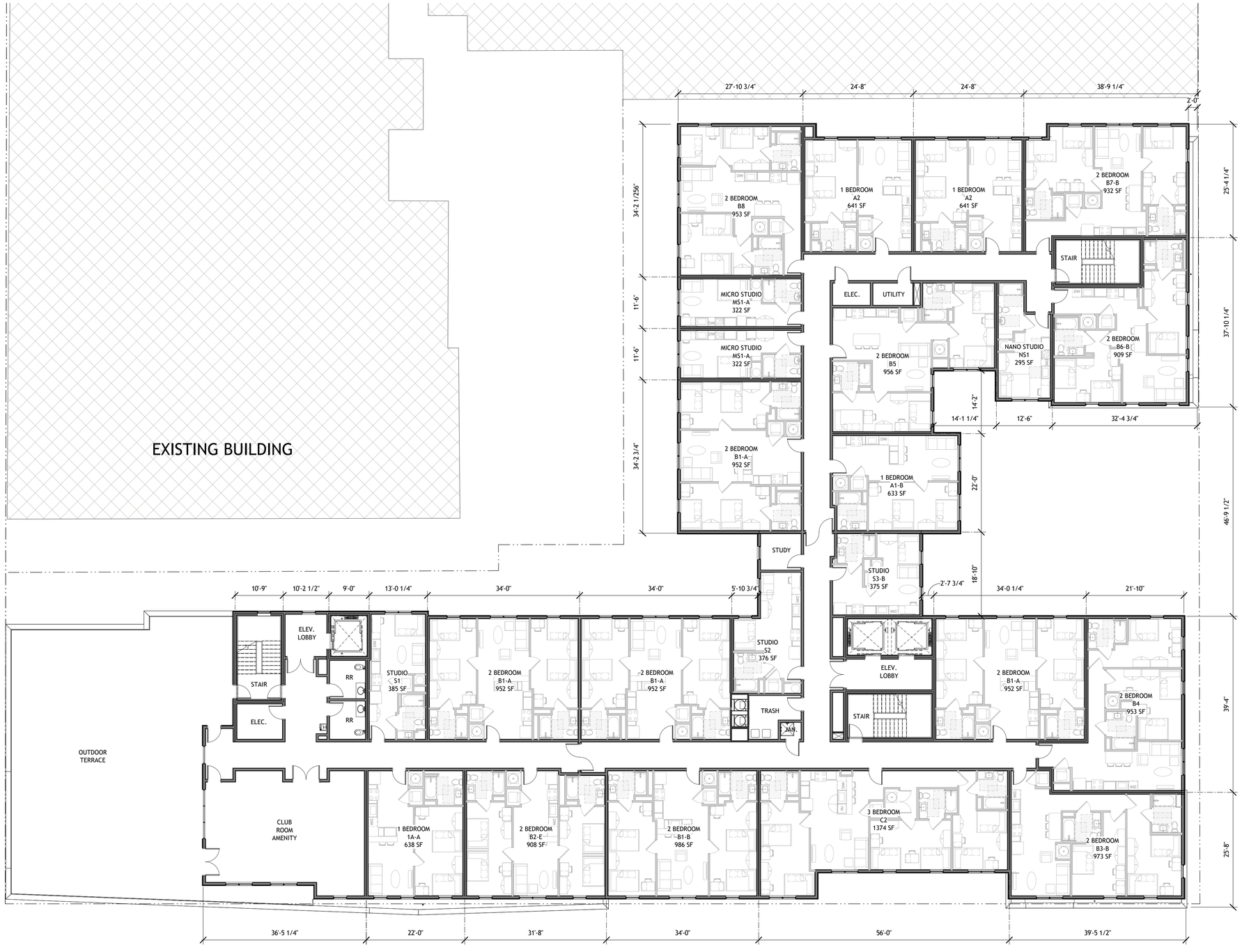
SHEET TITLE:

PLAN- LEVEL 4-7

SHEET NUMBER:

A1-041

NOT RELEASED FOR CONSTRUCTION



1 / A1-081 PRESENTATION FLOOR PLAN- LEVEL 8
3/32" = 1'-0"

TRUE NORTH

PROJECT # :

DRAWN BY: TF

CHECKED BY: MM

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No.	Description	Date
1	PLAN UPDATE	6/28/21
2	PRELIM APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/25/21

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CA VENTURES

SHEET TITLE:

PLAN- LEVEL 8

SHEET NUMBER:

A1-081

NOT RELEASED FOR CONSTRUCTION

1 / A3-001 WEST ELEVATION - HAROLD WAY
3/32" = 1'-0"

PROJECT # :

DRAWN BY: TF, RK

CHECKED BY: MM

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No.	Description	Date
2	PRELIM APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/25/21

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CA VENTURES

SHEET TITLE:
ELEVATIONS- WEST

SHEET NUMBER:
A3-001

NOT RELEASED FOR CONSTRUCTION

1 / A3-002 SOUTH ELEVATION - KITTREDGE ST
3/32" = 1'-0"

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PROJECT # :

DRAWN BY: TF, RK

CHECKED BY: MM

No.	Description	Date
2	PRELIM APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/25/21

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CA VENTURES

SHEET TITLE:
ELEVATIONS-SOUTH

SHEET NUMBER:
A3-002

NOT RELEASED FOR CONSTRUCTION

1 / A3-003 NORTH ELEVATION - ALLSTON WAY
3/32" = 1'-0"

PROJECT # :

DRAWN BY: TF, RK

CHECKED BY: MM

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No.	Description	Date
2	PRELIM APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/25/21

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CA VENTURES

SHEET TITLE:
ELEVATIONS-NORTH

SHEET NUMBER:
A3-003

NOT RELEASED FOR CONSTRUCTION

1 / A3-004 EAST ELEVATION - EXISTING HOTEL BUILDING
3/32" = 1'-0"

PROJECT # :
DRAWN BY: TF, RK
CHECKED BY: MM

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No.	Description	Date
2	PRELIM APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/25/21

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CA VENTURES

SHEET TITLE:
ELEVATIONS- EAST

SHEET NUMBER:
A3-004

NOT RELEASED FOR CONSTRUCTION

1 A3-005 PERSPECTIVE - ALLSTON WAY AND HAROLD WAY CORNER
NOT TO SCALE

2 A3-005 PERSPECTIVE - SOUTH WEST CORNER AERIAL
NOT TO SCALE

3 A3-005 PERSPECTIVE - HAROLD WAY STOOPS
NOT TO SCALE

4 A3-005 PERSPECTIVE - KITTREDGE ST PLAZA
NOT TO SCALE

PROJECT # :

DRAWN BY: TF, RK

CHECKED BY: MM

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No.	Description	Date
2	PRELIM APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/25/21

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CA VENTURES

SHEET TITLE:

PERSPECTIVES

SHEET NUMBER:

A3-005

NOT RELEASED FOR CONSTRUCTION

JUNE 21

MORNING
2 HOURS AFTER SUNRISE

7:48 AM

7:48 AM

NOON

12:00 PM

12:00 PM

EVENING
2 HOURS BEFORE SUNSET

6:34 PM

6:34 PM

DECEMBER 21

9:21 AM

9:21 AM

12:00 PM

12:00 PM

2:54 PM

2:54 PM

PROJECT # :

DRAWN BY: TF

CHECKED BY: MM

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No.	Description	Date
4	USE PERMIT	10/25/21

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CA VENTURES

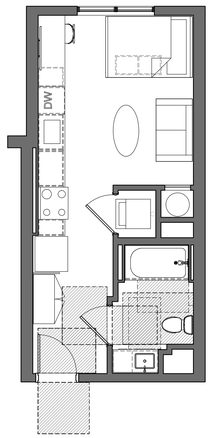
SHEET TITLE:

SHADOW STUDIES

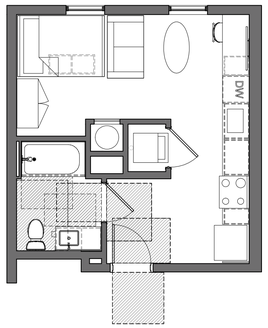
SHEET NUMBER:

A3-006

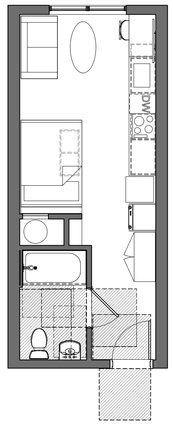
NOT RELEASED FOR CONSTRUCTION



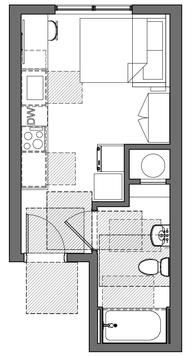
1 A5-001 SAMPLE UNIT - S1
3/16" = 1'-0"



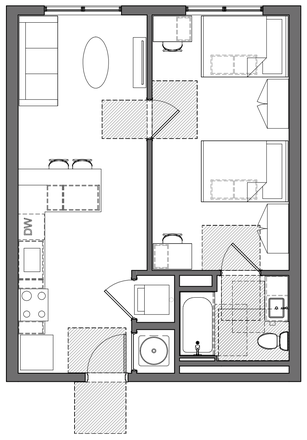
2 A5-001 SAMPLE UNIT - S3
3/16" = 1'-0"



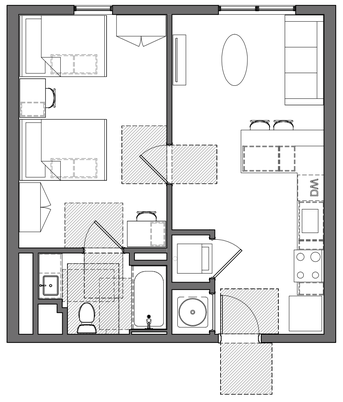
3 A5-001 SAMPLE UNIT - MS1
3/16" = 1'-0"



4 A5-001 SAMPLE UNIT - NS1
3/16" = 1'-0"



5 A5-001 SAMPLE UNIT - A1
3/16" = 1'-0"



6 A5-001 SAMPLE UNIT - A2
3/16" = 1'-0"

PROJECT # :

DRAWN BY: TF

CHECKED BY: MM

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No.	Description	Date
4	USE PERMIT	10/25/21

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CA VENTURES

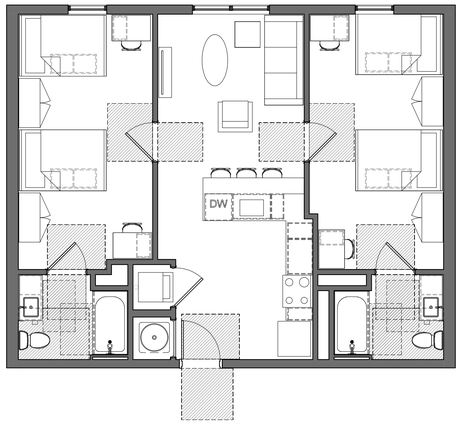
SHEET TITLE:

SAMPLE UNITS

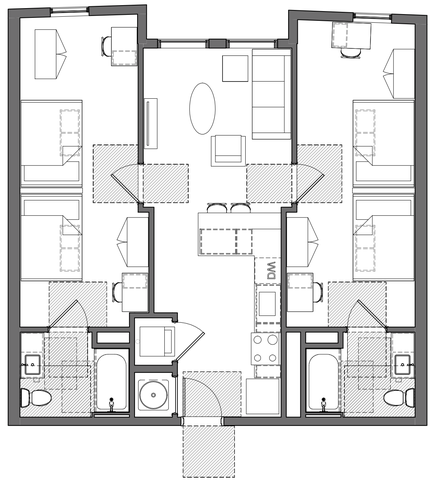
SHEET NUMBER:

A5-001

NOT RELEASED FOR CONSTRUCTION

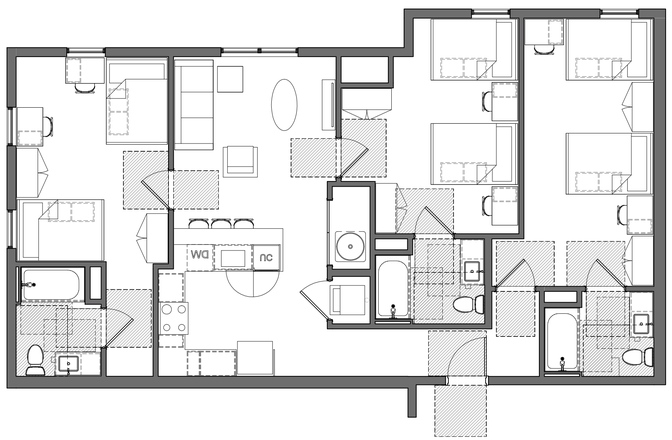


4 A5-002 SAMPLE UNIT - B1
3/16" = 1'-0"

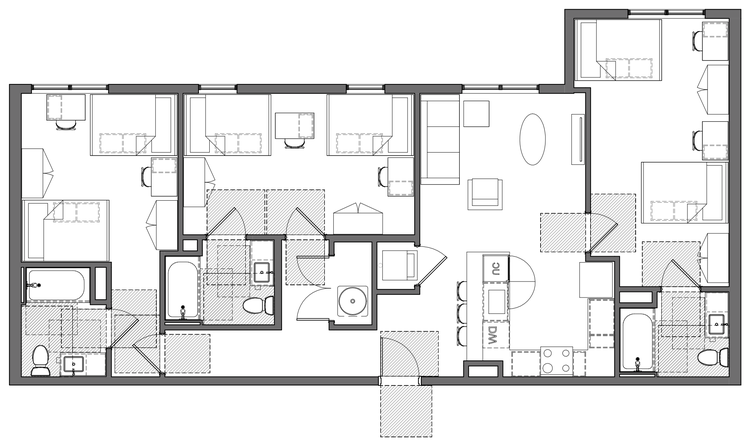


3 A5-002 SAMPLE UNIT - B2
3/16" = 1'-0"

1 A5-002 SAMPLE UNIT - B5
3/16" = 1'-0"



2 A5-002 SAMPLE UNIT - C1
3/16" = 1'-0"



5 A5-002 SAMPLE UNIT - C2
3/16" = 1'-0"

PROJECT # :

DRAWN BY: TF

CHECKED BY: MM

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No.	Description	Date
4	USE PERMIT	10/25/21

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CA VENTURES

SHEET TITLE:

SAMPLE UNITS

SHEET NUMBER:

A5-002

NOT RELEASED FOR CONSTRUCTION

1 A3-007 STREET STRIP ELEVATION - ALLSTON WAY
12" = 1'-0"

2 A3-007 STREET STRIP ELEVATION - KITTREDGE ST
12" = 1'-0"

PROJECT # :

DRAWN BY: TF, RK

CHECKED BY: MM

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No.	Description	Date
4	USE PERMIT	10/25/21

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

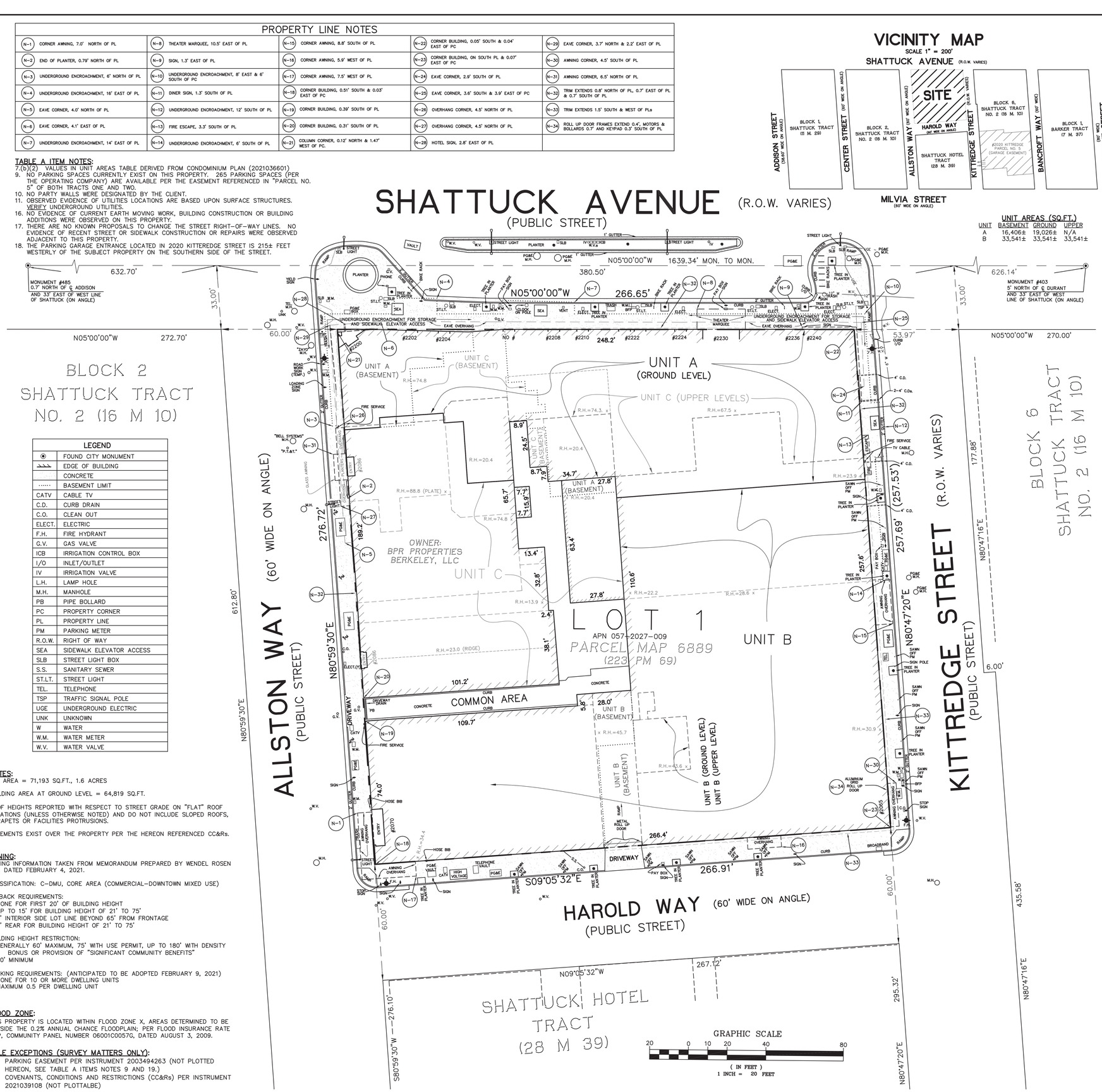
SHEET TITLE:
STREET STRIP ELEVATIONS

SHEET NUMBER:
A3-007

NOT RELEASED FOR CONSTRUCTION

PROPERTY LINE NOTES				
(N-1) CORNER AWNING, 7.0' NORTH OF PL	(N-8) THEATER MARQUEE, 10.5' EAST OF PL	(N-15) CORNER AWNING, 8.8' SOUTH OF PL	(N-22) CORNER BUILDING, 0.05' SOUTH & 0.04' EAST OF PC	(N-29) EAVE CORNER, 3.7' NORTH & 2.2' EAST OF PL
(N-2) END OF PLANTER, 0.79' NORTH OF PL	(N-9) SIGN, 1.3' EAST OF PL	(N-16) CORNER AWNING, 5.9' WEST OF PL	(N-23) CORNER BUILDING, ON SOUTH PL & 0.07' EAST OF PC	(N-30) AWNING CORNER, 4.5' SOUTH OF PL
(N-3) UNDERGROUND ENCROACHMENT, 6' NORTH OF PL	(N-10) UNDERGROUND ENCROACHMENT, 8' EAST & 6' SOUTH OF PC	(N-17) CORNER AWNING, 7.5' WEST OF PL	(N-24) EAVE CORNER, 2.9' SOUTH OF PL	(N-31) AWNING CORNER, 6.5' NORTH OF PL
(N-4) UNDERGROUND ENCROACHMENT, 16' EAST OF PL	(N-11) DINER SIGN, 1.3' SOUTH OF PL	(N-18) CORNER BUILDING, 0.51' SOUTH & 0.03' EAST OF PC	(N-25) EAVE CORNER, 3.6' SOUTH & 3.9' EAST OF PC	(N-32) TRIM EXTENDS 0.8' NORTH OF PL, 0.7' EAST OF PL & 0.7' SOUTH OF PL
(N-5) EAVE CORNER, 4.0' NORTH OF PL	(N-12) UNDERGROUND ENCROACHMENT, 12' SOUTH OF PL	(N-19) CORNER BUILDING, 0.39' SOUTH OF PL	(N-26) OVERHANG CORNER, 4.5' NORTH OF PL	(N-33) TRIM EXTENDS 1.5' SOUTH & WEST OF PLs
(N-6) EAVE CORNER, 4.1' EAST OF PL	(N-13) FIRE ESCAPE, 3.3' SOUTH OF PL	(N-20) CORNER BUILDING, 0.31' SOUTH OF PL	(N-27) OVERHANG CORNER, 4.5' NORTH OF PL	(N-34) ROLL UP DOOR FRAMES EXTEND 0.4', MOTORS & BOLLARDS 0.7' AND KEYPAD 0.3' SOUTH OF PL
(N-7) UNDERGROUND ENCROACHMENT, 14' EAST OF PL	(N-14) UNDERGROUND ENCROACHMENT, 6' SOUTH OF PL	(N-21) COLUMN CORNER, 0.12' NORTH & 1.47' WEST OF PC.	(N-28) HOTEL SIGN, 2.8' EAST OF PL	

TABLE A ITEM NOTES:
7.(b)(2). VALUES IN UNIT AREAS TABLE DERIVED FROM CONDOMINIUM PLAN (2021036601)
9. NO PARKING SPACES CURRENTLY EXIST ON THIS PROPERTY. 265 PARKING SPACES (PER THE OPERATING COMPANY) ARE AVAILABLE PER THE EASEMENT REFERENCED IN "PARCEL NO. 5" OF BOTH TRACTS ONE AND TWO.
10. NO PARTY WALLS WERE DESIGNATED BY THE CLIENT.
11. OBSERVED EVIDENCE OF UTILITIES LOCATIONS ARE BASED UPON SURFACE STRUCTURES. VERIFY UNDERGROUND UTILITIES.
16. NO EVIDENCE OF CURRENT EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS WERE OBSERVED ON THIS PROPERTY.
17. THERE ARE NO KNOWN PROPOSALS TO CHANGE THE STREET RIGHT-OF-WAY LINES. NO EVIDENCE OF RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS WERE OBSERVED ADJACENT TO THIS PROPERTY.
18. THE PARKING GARAGE ENTRANCE LOCATED IN 2020 KITTREDGE STREET IS 215± FEET WESTERLY OF THE SUBJECT PROPERTY ON THE SOUTHERN SIDE OF THE STREET.



VICINITY MAP

SCALE 1" = 200'

LEGEND	
⊙	FOUND CITY MONUMENT
≈≈≈	EDGE OF BUILDING
	CONCRETE
·····	BASEMENT LIMIT
CATV	CABLE TV
C.D.	CURB DRAIN
C.O.	CLEAN OUT
ELECT.	ELECTRIC
F.H.	FIRE HYDRANT
G.V.	GAS VALVE
ICB	IRRIGATION CONTROL BOX
I/O	INLET/OUTLET
IV	IRRIGATION VALVE
L.H.	LAMP HOLE
M.H.	MANHOLE
PB	PIPE BOLLARD
PC	PROPERTY CORNER
PL	PROPERTY LINE
PM	PARKING METER
R.O.W.	RIGHT OF WAY
SEA	SIDEWALK ELEVATOR ACCESS
SLB	STREET LIGHT BOX
S.S.	SANITARY SEWER
ST.LT.	STREET LIGHT
TEL.	TELEPHONE
TSP	TRAFFIC SIGNAL POLE
UGE	UNDERGROUND ELECTRIC
UNK	UNKNOWN
W	WATER
W.M.	WATER METER
W.V.	WATER VALVE

UNIT AREAS (SQ.FT.)

UNIT	BASEMENT	GROUND	UPPER
A	16,406±	19,026±	N/A
B	33,541±	33,541±	33,541±

NOTES:
LOT AREA = 71,193 SQ.FT., 1.6 ACRES

BUILDING AREA AT GROUND LEVEL = 64,819 SQ.FT.

ROOF HEIGHTS REPORTED WITH RESPECT TO STREET GRADE ON "FLAT" ROOF LOCATIONS (UNLESS OTHERWISE NOTED) AND DO NOT INCLUDE SLOPED ROOFS, PARAPETS OR FACILITIES PROTRUSIONS.

EASEMENTS EXIST OVER THE PROPERTY PER THE HEREON REFERENCED CC&Rs.

ZONING:
ZONING INFORMATION TAKEN FROM MEMORANDUM PREPARED BY WENDEL ROSEN LLP, DATED FEBRUARY 4, 2021.

CLASSIFICATION: C-DMU, CORE AREA (COMMERCIAL-DOWNTOWN MIXED USE)

SETBACK REQUIREMENTS:
NONE FOR FIRST 20' OF BUILDING HEIGHT
UP TO 15' FOR BUILDING HEIGHT OF 21' TO 75'
5' INTERIOR SIDE LOT LINE BEYOND 65' FROM FRONTAGE
5' REAR FOR BUILDING HEIGHT OF 21' TO 75'

BUILDING HEIGHT RESTRICTION:
GENERALLY 60' MAXIMUM, 75' WITH USE PERMIT, UP TO 180' WITH DENSITY BONUS OR PROVISION OF "SIGNIFICANT COMMUNITY BENEFITS"
50' MINIMUM

PARKING REQUIREMENTS: (ANTICIPATED TO BE ADOPTED FEBRUARY 9, 2021)
NONE FOR 10 OR MORE DWELLING UNITS
MAXIMUM 0.5 PER DWELLING UNIT

FLOOD ZONE:
THIS PROPERTY IS LOCATED WITHIN FLOOD ZONE X, AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN; PER FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NUMBER 06001C0057G, DATED AUGUST 3, 2009.

TITLE EXCEPTIONS (SURVEY MATTERS ONLY):
12. PARKING EASEMENT PER INSTRUMENT 2003494263 (NOT PLOTTED HEREON, SEE TABLE A ITEMS NOTES 9 AND 19.)
27. COVENANTS, CONDITIONS AND RESTRICTIONS (CC&Rs) PER INSTRUMENT 2021039108 (NOT PLOTTALBE)

LEGAL DESCRIPTION
(Per Chicago Title Company Preliminary Title Report, Title Number FWAC-TO17000131-KD, dated January 13, 2021)

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF BERKELEY, COUNTY OF ALAMEDA, STATE OF CALIFORNIA AND IS DESCRIBED AS FOLLOWS:

TRACT ONE:

PARCEL NO. 1:
A condominium consisting of: (1) a separate interest in Unit A in Condominium Building No. 1 as shown on the Condominium Plan (the Current Plan") recorded on January 29, 2021, as Document No. 2021036601 in the records of Alameda County, California, and as further described in the Berkeley Center Amended and Restated Declaration of Restrictions (CC&Rs) recorded on February 1, 2021, as Document No. 2021039108 in Alameda County, California, and any amendments and annexations thereto (the "A&R Declaration"); and (2) an undivided equal interest in the Building Common Area as described in the Current Plan and the A&R Declaration, which condominium is located on the real property described on the map entitled "Parcel Map" filed in the records of Alameda County, California, on June 13, 1996, in Book 223 of Parcel Maps at Pages 69 and 70.

RESERVING THEREFROM THE FOLLOWING:
(i) The exclusive right to use all of those areas designated as "Exclusive Use Common Area" as described in the A&R Declaration and Current Plan set aside and allocated for the exclusive use of the Owners of Condominiums other than the Condominium described in Parcel No. 1, above; and

(ii) Easements and rights for use, enjoyment. access, ingress, egress, encroachment. maintenance, repair, replacement, drainage, support, and other purposes as described in the A&R Declaration.

SUBJECT TO:
Nonexclusive rights of ingress, egress and support through the Building Common Area.

PARCEL NO. 2:
Nonexclusive rights of ingress, egress and support in, through and over the Building Common Area of the Condominium Building described in Parcel No. 1 above.

PARCEL NO. 3:
An exclusive right to use the area(s) designated as Exclusive Use Common Area(s) that are appurtenant to Parcel No. 1above as described in the A&R Declaration and the Current Plan.

PARCEL NO. 4:
A nonexclusive easement on, in, over and through the Condominium Common Area as described in Section 1.14 of the A&R Declaration, all of which are subject to the covenants, conditions, restrictions, rights, duties, benefits and burdens described in the A&R Declaration.

PARCEL NO. 5:
A nonexclusive easement as an appurtenance to the hereinabove described land for access to and use of the Parking Garage, as described and defined in the "Easement Agreement", recorded August 21, 2003, Instrument No. 2003494263, Official Records.

TRACT TWO:

PARCEL NO. 1:
A condominium consisting of: (1) a separate interest in Unit B in Condominium Building No. 2 as shown on the Condominium Plan (the Current Plan") recorded on January 29, 2021, as Document No. 2021036601 in the records of Alameda County, California, and as further described in the Berkeley Center Amended and Restated Declaration of Restrictions (CC&Rs) recorded on February 1, 2021, as Document No. 2021039108 in Alameda County, California, and any amendments and annexations thereto (the "A&R Declaration"); and (2) an undivided equal interest in the Building Common Area as described in the Current Plan and the A&R Declaration, which condominium is located on the real property described on the map entitled "Parcel Map" filed in the records of Alameda County, California, on June 13, 1996, in Book 223 of Parcel Maps at Pages 69 and 70.

RESERVING THEREFROM THE FOLLOWING:
(i) The exclusive right to use all of those areas designated as "Exclusive Use Common Area" as described in the A&R Declaration and Current Plan set aside and allocated for the exclusive use of the Owners of Condominiums other than the Condominium described in Parcel No. 1, above; and

(ii) Easements and rights for use, enjoyment. access, ingress, egress, encroachment. maintenance, repair, replacement, drainage, support, and other purposes as described in the A&R Declaration.

SUBJECT TO:
Nonexclusive rights of ingress, egress and support through the Building Common Area.

PARCEL NO. 2:
Nonexclusive rights of ingress, egress and support in, through and over the Building Common Area of the Condominium Building described in Parcel No. 1 above.

PARCEL NO. 3:
An exclusive right to use the area(s) designated as Exclusive Use Common Area(s) that are appurtenant to Parcel No. 1above as described in the A&R Declaration and the Current Plan.

PARCEL NO. 4:
A nonexclusive easement on, in, over and through the Condominium Common Area as described in Section 1.14 of the A&R Declaration, all of which are subject to the covenants, conditions, restrictions, rights, duties, benefits and burdens described in the A&R Declaration.

PARCEL NO. 5:
A nonexclusive easement as an appurtenance to the hereinabove described land for access to and use of the Parking Garage, as described and defined in the "Easement Agreement", recorded August 21, 2003, Instrument No. 2003494263, Official Records.

APNs: 057-2027-006-00, 057-2027-007-00 and 057-2027-009-00

SURVEY CERTIFICATION

To CA Student Living Berkeley, LLC, a Delaware limited liability company, and Chicago Title Company, their respective successors and assigns:

This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2021 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 2, 3, 4, 6(a), 7(a), 7(b)1, 7(b)(2), 7(c), 8, 9, 10, 11, 13, 14, 16, 17, 18 and 19 of Table A thereof. The field work was completed on February 1, 2021.

2/8/2021

Everett S. Moran — Date
Registered Civil Engineer No. 18650

Date of Last Revision: February 8, 2021

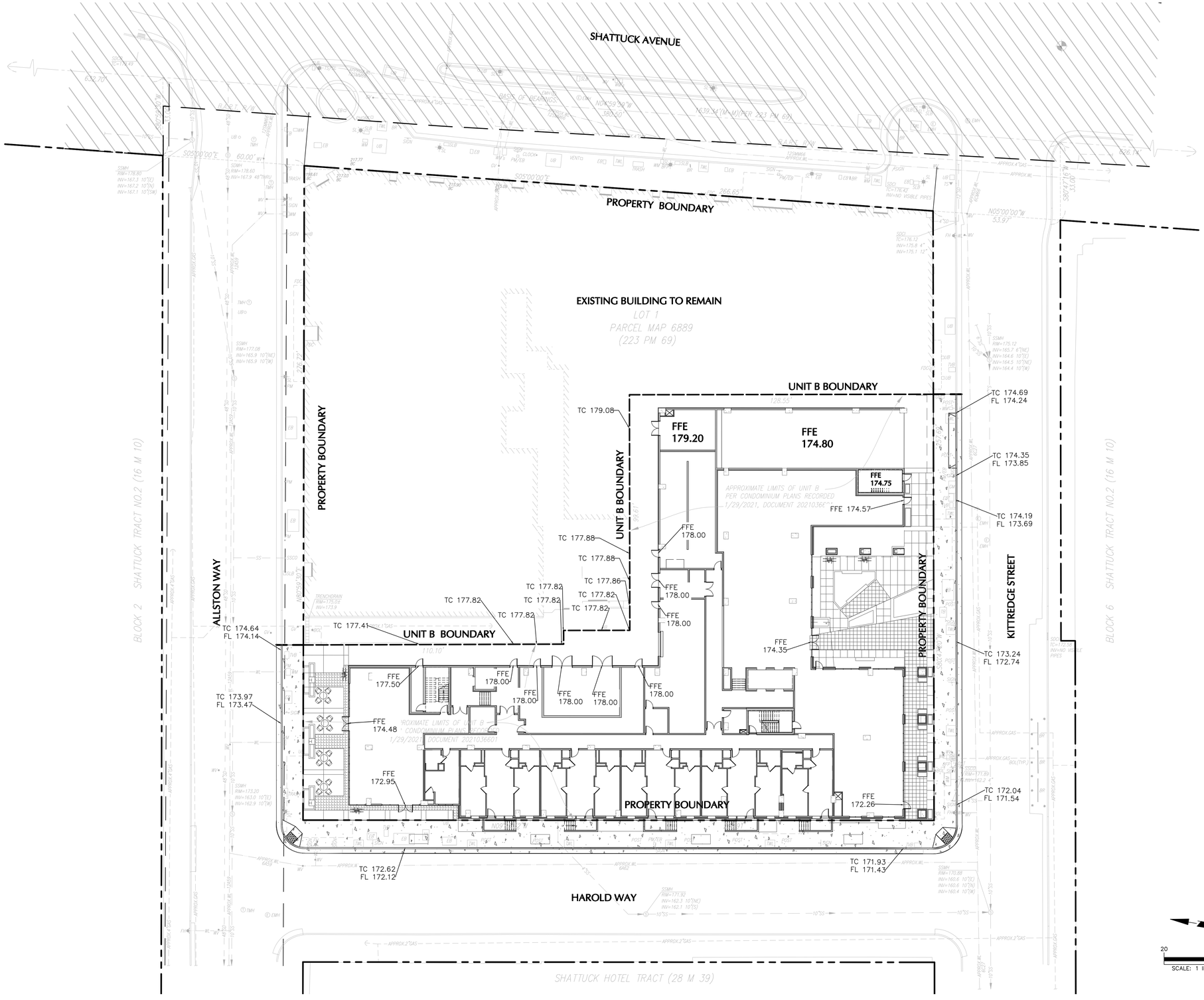
REGISTERED PROFESSIONAL ENGINEER — EVERETT S. MORAN — No. 18650 — CIVIL — STATE OF CALIFORNIA

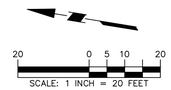
ALTA/NSPS LAND TITLE SURVEY

LOT 1, PARCEL MAP 6889 (223 PM 69)
LOCATED AT 2200-2240 SHATTUCK AVENUE, 2070 ALLSTON WAY AND 2065 KITTREDGE STREET
CITY OF BERKELEY, COUNTY OF ALAMEDA, CALIFORNIA
FEBRUARY 5, 2021 SCALE: 1" = 20'

MORAN ENGINEERING, INC.
CIVIL ENGINEERS \ LAND SURVEYORS
1930 SHATTUCK AVENUE, SUITE A
BERKELEY, CALIFORNIA 94704
(510) 848-1930

F.B. NO. 627 & 952 SHATTUCK-CAV-ALTA-2021.DWG JOB NO. 21-1628.7





PROJECT # : 731754801
DRAWN BY: NS
CHECKED BY: AKC/JRJ

NILES BOLTON ASSOCIATES

LANGAN
Langan Engineering and Environmental Services, Inc.
135 Main Street, Suite 1500
San Francisco, CA 94105
T: 415.955.5200 F: 415.955.5201 www.langan.com

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

No.	Description	Date
1	SB330	7/16/21
2	ZONING PROJECT SUBMITTAL	10/22/21

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BERKELEY PLAZA
2060 ALLSTON WAY
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
GRADING PLAN

SHEET NUMBER:
C1-001

10/22/2021

NOT RELEASED FOR CONSTRUCTION

1 A0-001 SITE PHOTO - KITTREDGE ST AND HAROLD WAY - LOOKING EAST
12" = 1'-0"

2 A0-001 SITE PHOTO - ALLSTON WAY AND HAROLD WAY - LOOKING EAST
12" = 1'-0"

3 A0-001 SITE PHOTO - HAROLD WAY - LOOKING SOUTH
12" = 1'-0"

4 A0-001 SITE PHOTO - KITTREDGE ST - LOOKING WEST
12" = 1'-0"

PROJECT # :
DRAWN BY: TF
CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

No.	Description	Date
4	USE PERMIT	10/19/21

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
EXISTING SITE PHOTOS

SHEET NUMBER:
A0-001

NOT RELEASED FOR CONSTRUCTION

JUNE 21

MORNING
2 HOURS AFTER SUNRISE

7:48 AM

7:48 AM

NOON

12:00 PM

12:00 PM

EVENING
2 HOURS BEFORE SUNSET

6:34 PM

6:34 PM

DECEMBER 21

9:21 AM

9:21 AM

12:00 PM

12:00 PM

2:54 PM

2:54 PM

PROJECT # :

DRAWN BY: TF

CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

No.	Description	Date
4	USE PERMIT	10/19/21

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:

SHADOW STUDIES

SHEET NUMBER:

A3-006

NOT RELEASED FOR CONSTRUCTION

October 22, 2021

Niles Bolton Associates
Attn: Mohamed Mohsen
3060 Peachtree Rd, NW
Atlanta, GA 30305

Re: Berkeley Plaza

Dear Mohamed:

We understand that the City of Berkeley requires a structural feasibility letter indicating that the existing to remain structures for the proposed Berkeley Plaza project have been reviewed for the proposed separation / demolition of adjacently built structures. This letter serves to indicate that DCI Engineers has in fact reviewed the proposed ramifications and believes the historic structures will not be materially impacted. The attached sketch shows the current adjacent buildings as viewed from along Kittredge street at the dividing property line along with the superimposed new building and how they will be separated.

The new building foundations will be separate and far enough away from the existing building foundations so as not to impact them. A small portion of the existing building will be demolished back from the property line so it can be restructured back to the property line with a new basement wall and foundation. A new façade will be installed on the interior of the site where one did not exist before to enclose the existing structure.

The new building will be set back above grade such that there is separation from the existing building and new building to preserve the character of the historic building.

We hope this helps clarify the intent of this new project. If there are any questions, please feel free to reach out to discuss.

Sincerely,
DCI Engineers

Scott D. Erickson PE, SE
Principal

DCI ENGINEERS

THE EXPANSION WAS ADDED ON TO THE 1913 BUILDING IN THIS LOCATION, SO REBUILDING A PORTION OF THIS WILL NOT AFFECT THE ORIGINAL CONSTRUCTION

HOTEL EXPANSION BUILT IN 1913

REBUILD EXTENSION AFTER PARTIAL REMOVAL

BUILD NEW FACADE

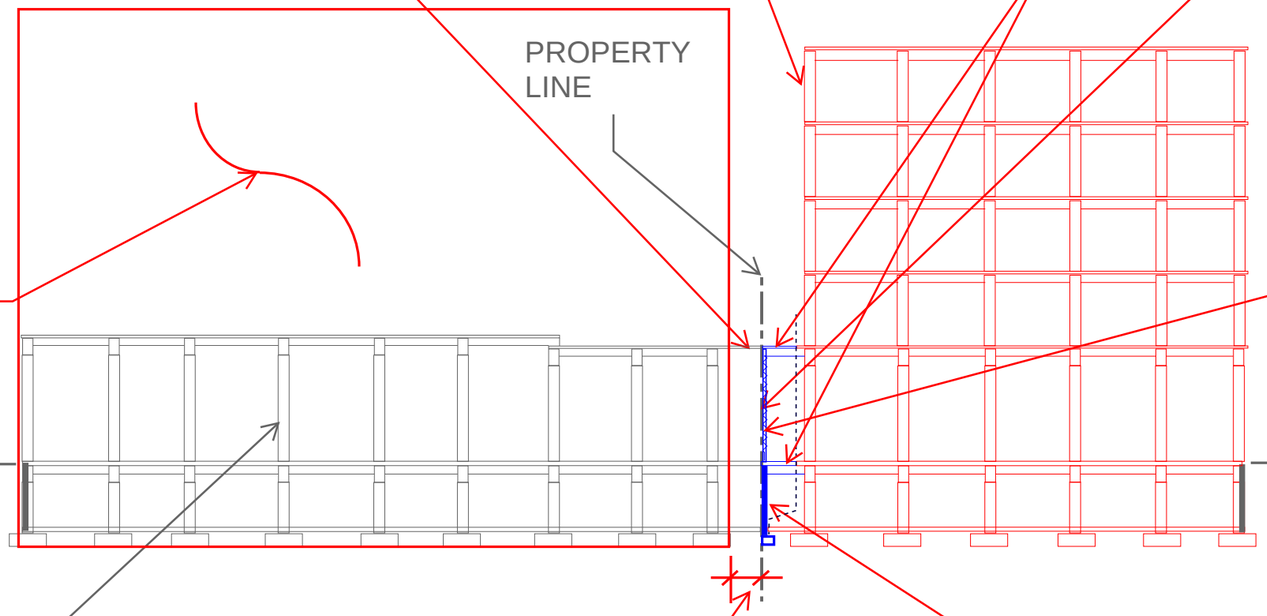
PROPERTY LINE

NEW BUILDING

BUILD NEW POSTS ON TOP OF NEW BASEMENT WALL TO SUPPORT REBUILT EXTENSIONS

HAROLD

SHATTUCK



WEST EXPANSION TO BE REMOVED

NEW BUILDING WILL BE SET BACK FROM PROPERTY LINE

REBUILD A BASEMENT WALL AND NEW FOOTING AT PROPERTY LINE

VIEW FROM KITTREDGE

Feasibility Study Sketch
DCI
10/22/21

1 A3-005 PERSPECTIVE - ALLSTON WAY AND HAROLD WAY CORNER
NOT TO SCALE

2 A3-005 PERSPECTIVE - SOUTH WEST CORNER AERIAL
NOT TO SCALE

3 A3-005 PERSPECTIVE - HAROLD WAY STOOPS
NOT TO SCALE

4 A3-005 PERSPECTIVE - KITTREDGE ST PLAZA
NOT TO SCALE

PROJECT # :

DRAWN BY: TF, RK

CHECKED BY: MM

NILES BOLTON ASSOCIATES

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

No.	Description	Date
2	PRELIM APP SB330	7/21/21
3	SD SET	9/16/21
4	USE PERMIT	10/19/21

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:

PERSPECTIVES

SHEET NUMBER:

A3-005

NOT RELEASED FOR CONSTRUCTION

Civic Arts Program
Office of Economic Development
City Manager's Office

PUBLIC ART ON PRIVATE DEVELOPMENT PROGRAM
Allocation Declaration

(For Use by Applicant Only)

Project Address: 2065 Kittredge St	Project Title: 2065 Kittredge
Description of Project: Multi-family residential, new construction	Total Building Permit Valuation: TBD
Point of Contact (Name & Title): Jessica Leo, VP Design and Development	Organization Name & Mailing Address: CA Student Living Berkeley, LLC130 E Randolph St, #2100, Chicago, IL 60601
Telephone: 304.238.4745	Email: jleo@ca-ventures.com

Declaration

I certify that I am the property owner, authorized agent of the property owner or other person having a legal right, interest, or entitlement to the use of the property that is the subject of this declaration. I declare that I shall comply with the requirements of City of Berkeley Municipal Code Section 23C.23.050 in the manner indicated below:

- ☐ Placement of artwork(s) on the premises valued at 1.75% of the total building permit valuation for the development. [1.75% = $_____]
- ☐ A combination: include on-site publicly accessible artwork valued at less than 1.75%, with an amount equal to 80% of the difference in value paid to the City as an in-lieu fee.
- X ☐ Depositing into the City's Public Art Fund, payment of an in-lieu fee equal to 0.8% of the total building permit valuation for the development.[0.8% = _____]

Applicant Signature: _____ **Date:** 10/20/20

(*For Use by City of Berkeley Only*)

☐ Apply an in-lieu fee of 0.8% equaling $_____	Authorized Signature, Title, Date:
☐ Approved for Public Art Plan	Authorized Signature, Title, Date:
☐ Apply Administrative Fee (5%) for On-Site Publicly Accessible Art	Authorized Signature, Title, Date:

2180 Milvia Street, 5th Floor, Berkeley, CA 94704 | https://www.cityofberkeley.info/Public_Art_on_Private_Development_Program.aspx
TEL: 510-981-7533 | Email: civicarts@cityofberkeley.info

SHATTUCK AVENUE

PROPERTY BOUNDARY

EXISTING BUILDING TO REMAIN
LOT 1
PARCEL MAP 6889
(223 PM 69)

UNIT B BOUNDARY

APPROXIMATE LIMITS OF UNIT B PER CONDOMINIUM PLANS RECORDED 1/29/2021, DOCUMENT 2021036601

CULVERTED CREEK INFLUENCE AREA

25–FT

25–FT

ALLSTON WAY

KITTREDGE STREET

3–FT

23.30–FT

6.43–FT

10.03–FT

9.32–FT

11.97–FT

7.25–FT

HAROLD WAY

SHATTUCK HOTEL TRACT (28 M 39)

BLOCK 2 SHATTUCK TRACT NO.2 (16 M 10)

BLOCK 6 SHATTUCK TRACT NO.2 (16 M 10)

20 0 5 10 20
SCALE: 1 INCH = 20 FEET

PROJECT # : 731754801
DRAWN BY: NS
CHECKED BY: AKC/JRJ

NILES BOLTON ASSOCIATES

LANGAN
Langan Engineering and Environmental Services, Inc.
135 Main Street, Suite 1500
San Francisco, CA 94105
T: 415.955.5200 F: 415.955.5201 www.langan.com

3060 Peachtree Rd. N.W.
Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

No.	Description	Date
1	SB330	7/16/21
2	ZONING PROJECT SUBMITTAL	10/22/21

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BERKELEY PLAZA
2060 ALLSTON WAY
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
SITE PLAN

SHEET NUMBER:
C0-001

10/22/2021

NOT RELEASED FOR CONSTRUCTION

www.ca-ventures.com

130 E. Randolph Street
Suite 2100
Chicago, IL 60601
+1 312 994 1880

Historic Resource Evaluation

Re: 2065 Kittredge St, Berkeley, CA

This project anticipates relying on the certified environmental impact report for the 2211 Harold Way Mixed-Use Project (prepared by Rincon Consultants, Inc.), which included a 116-page Historic Resources Technical Report prepared by Architectural Resources Group (Appendix B to Revised Draft EIR Dated September 2014). That Historic Resources Technical Report also reviewed a February 2013 "Historic Context Report for the Shattuck Hotel" prepared by architecture + history, LLC. The proposed project anticipates relying on the EIR for the 2211 Harold Way Mixed-Use Project, because none of the events in Public Resources Code section 21166 have occurred.

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT

2060 Allston Way
Berkeley, California

Submitted by:
Farallon Consulting, L.L.C.
300 Franklin Street, Suite 200
Oakland, California 94607

Farallon PN: 2341-002

For:
CA Ventures, LLC
130 East Randolph Street, Suite 2100
Chicago, Illinois 60601

February 5, 2021

Prepared by:

Brandon Flickinger, P.G., CHG
Associate Geologist

Reviewed by:

Richard Makdisi, P.G.
Principal Geologist

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ENVIRONMENTAL PROFESSIONALS' STATEMENT

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as established in Part 312.10 of Title 40 of the Code of Federal Regulations (40 CFR 312.10) and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

Name	Brandon Flickinger, P.G., CHG	Name	Richard Makdisi, P.G.
Title	Associate Geologist	Title	Principal Geologist

EXECUTIVE SUMMARY

Farallon Consulting, L.L.C. (Farallon) has prepared this Phase I Environmental Site Assessment (Phase I ESA) Report for the property at 2060 Allston Way in Berkeley, California (herein referred to as the Site). The Phase I ESA was conducted by Brandon Flickinger and was reviewed and approved by Richard Makdisi. Both are experienced Environmental Professionals in the field of Phase I ESAs and related environmental investigations.

This Phase I ESA Report was prepared for CA Ventures, LLC in accordance with the letter regarding Proposal for Phase I Environmental Site Assessment, Allston Way Development, 2060 Allston Way, Berkeley, California dated December 29, 2020, from Steve Bitman and Richard Makdisi of Farallon to Mac Sellers of CA Ventures, LLC. The scope of work for this Phase I ESA is consistent with ASTM International Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E1527-13). ASTM E1527-13 is intended to assist the user in satisfying one of the requirements to qualify for protection from potential liability under the Comprehensive Environmental Response, Compensation, and Liability Act as the innocent landowner, contiguous property owner, or bona fide prospective purchaser. ASTM E1527-13 constitutes "all appropriate inquiry" into the previous ownership, uses, and environmental conditions of a property consistent with good commercial or customary practice, as defined in Section 9601(35)(B) of Title 42 of the U.S. Code.

There were no deviations from ASTM E1527-13.

A limiting condition encountered during the Phase I ESA included limited access to portions of the Site, including projector rooms in the theatres and several office suites, that prevented Farallon from observing the entire site. Based on information obtained from the Site representative, this limiting condition is not expected to hinder the conclusions of this report.

The purpose of the Phase I ESA was to identify, as practicable, recognized environmental conditions on the Site or proximate to the Site that have caused and/or may cause an adverse environmental condition. This Phase I ESA Report provides the results of investigation into past

and present ownership and uses of the Site, consistent with good commercial and/or customary practice.

The Site consists of portions of Alameda County Parcel Nos. 057-2027-006 and 057-2027-007, which total approximately 0.80 acre of land developed with a three-story building interconnected with another structure, which were constructed between 1910 and 1955. CA Ventures, LLC plans to demolish the building and replace it with a proposed 12-story building. The 12-story building is expected to be approximately 216,000 square feet with no below-grade basement. Remaining areas of the Site consist of an alleyway and common area. Access to the Site is gained from Allston Way, north of the Site, and Kittredge Street, south of the Site.

At the time of the site reconnaissance, Farallon observed minor amounts of hazardous materials on the Site that consisted of janitorial cleaning supplies, paint and paint finishing containers, used fluorescent light bulbs, carpet cleaners, an empty 55-gallon drum, a 5-gallon polyethylene container with Garratt-Callahan Formula 125-L (anti-corrosion agent), and hydraulic oil.

According to fire insurance maps and aerial photographs, the Site appeared to be used for residential and commercial activities from at least the 1920s through the present. City directory listings for the Site address included colleges, commercial and retail businesses, youth centers, organizations, doctor offices, tailors, and dry cleaners.

Farallon was provided with the *Phase I Environmental Site Assessment, The Berkeley Center, 2200-2240 Shattuck Avenue, 2065 Kittredge Street, 2070 Allston Way, Berkeley, California 94704* dated June 11, 2012, prepared by IVI Assessment Services, Inc. (IVI) (2012 Phase I Report) and the letter regarding Hazardous Materials Survey, Shattuck Portfolio, Berkeley, CA dated September 3, 2019, from Michael Van Brunt of by Van Brunt Associates, Inc. to Andrew Canniff (2019 HMS). The 2012 Phase I Report stated that many tenants have occupied the Site throughout its history and identified one recognized environmental condition and one historical recognized environmental condition in connection with the Site.

A previous Site address of 2209 Harold Way, within the former two-story retail building on the northwestern corner of the property, was identified as a dry cleaner facility on a 1950s Sanborn

Map. Upon further investigation, multiple dry cleaner facilities occupied the Site between the 1920s and 1950s, which were not identified in any regulatory databases. However, these facilities operated prior to promulgation of the Resource Conservation and Recovery Act of 1980 and were therefore unregulated during their occupancy. Thus, the potential for a release of chlorinated solvent compounds associated with historic dry-cleaning activities is present. Furthermore, a limited indoor air quality survey was performed in 2002 in a basement office tenant suite of the Site building after complaints of workers experiencing headaches, stuffiness, and allergies. The indoor air survey concluded that carbon dioxide, formaldehyde, ozone, thermal analysis levels, and a dust sample were all normal and no significant findings were reported. However, volatile organic compounds, particularly tetrachloroethylene, were not sampled, which are contaminants of concern associated with dry-cleaning activities. The potential for vapor intrusion issues associated with a potential historical release of compounds associated with dry-cleaning activities at the Site represents a recognized environmental condition in connection with the Site.

IVI also referenced a Phase I Environmental Site Assessment performed by an undisclosed consultant in 1995, which stated that a boiler that used fuel oil for heating was present on the hotel property northeast of the Site. The consultant performed an investigation of a potential underground storage tank (UST) associated with the boiler in which two borings were drilled on Allston Way near the entrance of the Shattuck Hotel. During the investigation, an empty vault was encountered, which was believed to be the location of a former UST; however, the vault was found to be in good condition with no evidence of cracking or staining. The City of Berkeley Toxics Management Division subsequently issued a No Further Action determination regarding the potential UST at the Site. Based on these findings, IVI concluded that no further action or investigation was necessary. Because an investigation was conducted under the City of Berkeley Toxics Management Division that did not reveal a UST, this is not considered a recognized environmental condition in connection with the Site.

Adjacent properties at the time of Farallon's site reconnaissance included the Fast Response School of Health Care Education north-adjacent to the Site; Walgreens northeast-adjacent to the Site; the Hotel Shattuck, various commercial retail stores, restaurants, and vacant suites north- and

east-adjacent to the Site; the Berkeley Public Library to the south; Mise En Place Kitchen, Maison Blue Café, and K Street Flats Condominiums southwest-adjacent to the Site; Dharma College, a vacant restaurant, and Mangalam Research Center west-adjacent to the Site; and a public parking garage northwest-adjacent to the Site.

Fire insurance maps between 1890 and 1911 show that adjacent properties included single-family residences, barns, sheds, and commercial developments. Adjacent properties appeared to be in their current configuration with little to no changes by the earliest aerial photograph in 1939. City directory listings for adjacent properties included the Shattuck Hotel, various retail properties, the Berkeley Public Library, residential property, clubs, schools, and restaurants.

The Environmental Risk Information Services (ERIS) *Database Report* prepared for the Site dated January 7, 2021 (ERIS Report) identified the Site address in several databases. The Site was identified as a handler of hazardous materials, with no reported violations. Regulatory files for the Site were not reviewed due to the time and/or cost constraints of this Phase I ESA. Farallon searched the California State Water Resources Control Board online GeoTracker database and the California Department of Toxic Substances Control online EnviroStor database for records related to the Site, but found no listings.

The ERIS Report identified numerous adjacent and nearby facilities in numerous databases. After review of the database listings, most of the Sites were found to represent de minimis conditions in association with the Site.

Based on review of the Site history, interviews with persons knowledgeable about the Site, reconnaissance of the Site, and review of regulatory agency lists, this Phase I ESA identified the following recognized environmental condition in connection with the Site:

- The potential for vapor intrusion issues associated with a potential historical release of compounds associated with dry-cleaning activities at the Site.

1.0 INTRODUCTION

This Phase I Environmental Site Assessment (Phase I ESA) Report was prepared by Farallon Consulting, L.L.C. (Farallon) for the property at 2060 Allston Way in Berkeley, California (herein referred to as the Site) (Figure 1). This section discusses the project authorization, and the qualifications of the Environmental Professionals conducting and reviewing the Phase I ESA work. Also included in this section are the project purpose, objective, scope of services, deviations, limiting conditions, and data gaps.

1.1 PROJECT AUTHORIZATION

This Phase I ESA Report was prepared for CA Ventures, LLC in accordance with the letter regarding Proposal for Phase I Environmental Site Assessment, Allston Way Development, 2060 Allston Way, Berkeley, California dated December 29, 2020, from Steve Bitman and Richard Makdisi of Farallon to Mac Sellers of CA Ventures, LLC. The scope of work for this Phase I ESA is consistent with ASTM International Standard E1527-13, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* (ASTM E1527-13).

1.2 PROFESSIONAL QUALIFICATIONS

The Phase I ESA was conducted by Brandon Flickinger and was reviewed and approved by Richard Makdisi. Both have an understanding of surface and subsurface environmental conditions and the processes used to evaluate these conditions, and the ability to develop opinions regarding conditions indicative of a release or threatened release of hazardous substances and petroleum products. These Environmental Professionals have developed and performed all appropriate inquiry, in conformance with the standards and practices set forth in Part 312 of Title 40 of the Code of Federal Regulations. The professional qualifications of Brandon Flickinger and Richard Makdisi are provided in Appendix A.

1.3 PROJECT PURPOSE AND OBJECTIVE

The purpose of the Phase I ESA was to identify, as practicable, recognized environmental conditions on the Site and within the appropriate study area that have caused and/or may cause an

adverse environmental impact. ASTM E1527-13 is intended to permit a user to satisfy one of the requirements to qualify for protection from potential liability under the Comprehensive Environmental Response, Compensation, and Liability Act as the innocent landowner, contiguous property owner, or bona fide prospective purchaser. ASTM E1527-13 constitutes "all appropriate inquiry" into the previous ownership, uses, and environmental conditions of a property consistent with good commercial or customary practice, as defined in Section 9601(35)(B) of Title 42 of the U.S. Code.

The objective of the Phase I ESA was to perform an appropriate inquiry into past and present ownership and uses of the Site, consistent with good commercial and/or customary practice. This Phase I ESA Report is to be used as a risk management tool to meet all appropriate inquiry requirements and the Comprehensive Environmental Response, Compensation, and Liability Act liability defense. The Phase I ESA does not guarantee that there are no impacts to the Site.

For the purpose of this Phase I ESA Report, the term "recognized environmental condition" is defined as the presence or likely presence of any hazardous substance or petroleum product in, on, or at the Site due to releases to the environment, under conditions indicative of a release to the environment, or under conditions that pose a material threat of a future release to the environment. The term is not intended to include "de minimis conditions" that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of the applicable governmental agencies.

The term "controlled recognized environmental condition" is defined as a recognized environmental condition resulting from a past release of a hazardous substance or petroleum product that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in-place subject to implementation of required controls.

The term "historical recognized environmental condition" is defined as a past release of any hazardous substance or petroleum product that has occurred in connection with the Site and has

been addressed to the satisfaction of the applicable regulatory authority, without subjecting the Site to any required controls.

1.4 PROJECT SCOPE OF SERVICES

This Phase I ESA Report has been prepared in accordance with the scope of work presented in ASTM E1527-13 and the letter regarding Proposal for Phase I Environmental Site Assessment, Allston Way Development, 2060 Allston Way, Berkeley, California dated December 29, 2020, from Steve Bitman and Richard Makdisi of Farallon to Mac Sellers of CA Ventures, LLC. The scope of work for this Phase I ESA included a records review, literature research and review, a site reconnaissance, interviews with individuals familiar with the Site, interviews with local governmental officials, and preparation of this report.

1.5 DEVIATIONS

There were no deviations from ASTM E1527-13 during this Phase I ESA.

1.6 LIMITING CONDITIONS

A limiting condition encountered during the Phase I ESA included limited access to portions of the Site, including projector rooms in the theatres and several office suites, that prevented Farallon from observing the entire site. Based on information obtained from the Site representative, this limiting condition is not expected to hinder the conclusions of this report.

1.7 DATA GAPS

Data gaps may affect the ability to identify recognized environmental conditions and Farallon's ability to render opinions and conclusions for presentation in the Phase I ESA Report. Farallon did not identify significant data gaps during this Phase I ESA.

2.0 SITE OVERVIEW

This section includes an overview of the Site location, improvements, and operations. A description of adjacent and surrounding land use also is provided.

2.1 SITE LOCATION

The Site is west-southwest of the intersection of Shattuck Avenue and Allston Way, at 2060 Allston Way in Berkeley, Alameda County, California. The location is in a mixed commercial and residential area in downtown Berkeley. The Site vicinity is shown on Figure 1.

2.2 SITE DESCRIPTION

The Site consists of portions of Alameda County Parcel Nos. 057-2027-006 and 057-2027-007, which totals approximately 0.80 acre of land developed with a three-story building interconnected with another structure, which were constructed between 1910 and 1955. Addresses at the Site include 2060 Allston Way, 2070 Allston Way, and 2065 Kittredge Street. CA Ventures, LLC plans to demolish the building and replace it with a proposed 12-story building. The 12-story building is expected to be approximately 216,000 square feet with no below-grade basement. Remaining areas of the Site consist of an alleyway and common area. Access to the Site is gained from Allston Way, north of the Site, and Kittredge Street, south of the Site.

Figure 2 presents a plan map of the Site. Additional details pertaining to the Site are provided in Section 8.2, Site Reconnaissance Observations. Site photographs are presented in Appendix B.

2.3 SITE OPERATIONS

The Site building is currently vacant. According to the Alameda County Assessor's Office, the Site owner is HSR Berkeley Investments, LLC.

2.4 ADJACENT AND SURROUNDING LAND USE

Adjacent properties at the time of Farallon's site reconnaissance included the Fast Response School of Health Care Education north-adjacent to the Site; Walgreens northeast-adjacent to the Site; the Hotel Shattuck, various commercial retail stores, restaurants, and vacant suites east-

adjacent to the Site; the Berkeley Public Library to the south; Mise En Place Kitchen, Maison Blue Café, and K Street Flats Condominiums southwest-adjacent to the Site; Dharma College, a vacant restaurant, and Mangalam Research Center west-adjacent to the Site; and a public parking garage northwest-adjacent to the Site.

Farallon did not access adjacent properties, which were observed from public rights-of-way. No visual evidence of recognized environmental conditions was observed on abutting or nearby properties during the site reconnaissance. Observations were restricted to areas readily observable from the Site.

3.0 PHYSICAL SETTING

The physical setting of the Site, including topography, geology, and hydrogeology, is described in this section. Farallon's assessment of sensitive receptors in the area also is discussed.

3.1 TOPOGRAPHY

Farallon reviewed the U.S. Geological Survey (USGS) topographic map for Oakland West, California, Oakland East, California, Briones Valley, California, and Richmond, California dated January 18, 2021 provided by Environmental Risk Information Services (ERIS). The map depicts the Site at an elevation of approximately 183 feet above mean sea level. The Site topography is relatively flat, with a gentle slope to the west. Regional topography generally slopes down to the west, towards the San Francisco Bay.

3.2 GEOLOGY AND HYDROGEOLOGY

The Site is located on the East Bay Plain, approximately 1.7 miles east of the current San Francisco Bay shoreline and approximately 1 mile west of the Hayward Fault. Several creeks drain the western Oakland hills, flowing west toward the San Francisco Bay.

No known soil or groundwater investigations have been completed at the Site; however, several nearby properties were identified in the California State Water Resources Control Board online GeoTracker database (GeoTracker database) where borings were historically advanced. A leaking underground storage tank (LUST) investigation at 2176 Kittredge Street in Berkeley, California, approximately 0.15 mile east of the Site, described subsurface soils as "consisting of coarse grain soils (gravelly sand, sandy gravel and silty/clayey sand) to a depth of approximately 20 feet below ground surface, with discontinuous fine grain layers (clay, silty clay, sandy clay, silt)." According to the *Groundwater Monitoring Report – First Half 2020, 2176 Kittredge Street, Berkeley, CA 94704, RWQCB Case No. 01-3632 (BAC) dated June 29, 2020,* prepared by Pangea Environmental Services, Inc., this coarse-grained material appears to be underlain by low permeability clay and silt with discontinuous coarser grained layers to the maximum explored depth of 50 feet below ground surface. According to the ERIS Physical Setting Report prepared for the Site dated January 18, 2021 (ERIS PSR), surface soil at the Site consists primarily of Quaternary alluvium and marine

deposits, which contains alluvium, lake, playa, and terrace deposits that are unconsolidated and semiconsolidated.

Shallow groundwater flow direction typically can be estimated by examination of surface topography or by nearby surface water bodies. Based on the topography of the Site and its vicinity, groundwater is expected to flow westward with a possible northern or southern influence. Based on a prior assessment at 2176 Kittredge Street in Berkeley, California, approximately 0.15 mile east of the Site, groundwater has been documented at depths of approximately 10 and 20 feet below ground surface and flows to the southwest.

3.3 OIL AND GAS RECORDS

According to the California Department of Conservation, Geologic Energy Management Division Well Finder online database, there are no permitted oil or gas wells on the Site or adjacent properties.

3.4 SENSITIVE RECEPTORS

Farallon conducted a limited assessment of sensitive receptors on or in the vicinity of the Site that was confined to visually apparent features such as surface water bodies (e.g., low-lying wet areas, streams, ponds) and residential and recreational areas. Farallon's assessment of sensitive receptors included a review of readily ascertainable information relating to the presence of private, semiprivate, public, and industrial water supply wells.

According to the ERIS PSR, the Site is not in a 100-year flood plain. The nearest 100-year floodplain is located approximately 0.25 mile to the northeast, which is also a federally designated wetland. Two public water supply wells were identified within 1 mile of the Site, approximately 0.1 mile northwest and 0.15 mile of the Site northwest, respectively. The water body nearest the Site was San Francisco Bay approximately 1.7 miles west of the Site.

4.0 USER-PROVIDED INFORMATION

Farallon understands that the user of this report, CA Ventures, LLC, is seeking to follow the standards set forth in ASTM E1527-13 to complete an environmental assessment of the Site. The user has specific responsibilities for fulfilling ASTM E1527-13 requirements to help identify the possibility of recognized environmental conditions in connection with the Site. These responsibilities do not require the technical expertise of an Environmental Professional, and were not performed by the Environmental Professional who conducted the Phase I ESA at the Site.

To facilitate fulfillment of the ASTM E1527-13 requirements identified below, Farallon provided Tarlton Properties, Inc. with a copy of the *Phase I ESA User Questionnaire* (User Questionnaire) to complete. The User Questionnaire is provided in Appendix C of this Phase I ESA Report.

4.1 TITLE AND LIEN RECORDS

CA Ventures, LLC indicated that it was not aware of environmental liens against the Site.

4.2 EXPERIENCE AND SPECIALIZED KNOWLEDGE

CA Ventures, LLC indicated that it has no experience or specialized knowledge regarding the Site.

4.3 COMMONLY KNOWN INFORMATION

CA Ventures, LLC indicated that it is not aware of commonly known information that would lead to identification of recognized environmental conditions in connection with the Site, other than information previously presented in the *Phase I Environmental Site Assessment, The Berkeley Center, 2200-2240 Shattuck Avenue, 2065 Kittredge Street, 2070 Allston Way, Berkeley, California 94704* dated June 11, 2012, prepared by IVI Assessment Services, Inc. (IVI) (2012 Phase I Report).

4.4 PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT USERS

CA Ventures, LLC will rely on this Phase I ESA Report.

4.5 PREVIOUS ENVIRONMENTAL STUDIES

Farallon was provided with the 2012 Phase I Report and the 2019 HMS.

The Site layout and use described in the 2012 Phase I Report are similar to that of the present. According to the ERIS City Directory prepared for the Site dated January 19, 2021 and the 2012 Phase I Report, dozens of tenants have occupied the Site, including colleges, commercial and retail businesses, youth centers, organizations, doctor offices, tailors, and dry cleaners. Most notably, according to the 2012 Phase I ESA:

- Perfection Cleaners occupied the Site in approximately 1925;
- Whitecotton Tailors and Cleaners occupied the Site in approximately 1938; and
- Wyands Tailors & Cleaners occupied the Site between approximately 1943 and 1955.

The 2012 Phase I Report detailed reconnaissance of the Site, which included inspection of hazardous materials and hazardous wastes, stained surfaces, and asbestos-containing materials (ACM). The 2012 Phase I Report also included previous on-Site operations, historical aerial photographs, topographic maps, Sanborn Maps, and a summary of previous reports for the Site. IVI observed standard maintenance and cleaning chemicals at the Site, with no evidence of hazardous chemicals. IVI noted two hydraulic lifts on the Site; one wheelchair lift adjacent to the entrance at 2065 Kittredge Avenue, and one associated with the former post office annex loading dock. Neither of these features were believed to contain polychlorinated biphenyls (PCBs) due to their recent service dates. Additionally, IVI noted that the elevator and trash compactor have been serviced since the 1979 ban on PCBs and are unlikely to contain PCBs.

The 2012 Phase I Report also discusses historical ACM abatement activities at the Site. In 1988, linoleum, pipe insulation, and floor tile materials were abated from the Site. Additional abatement activities occurred in 1995 and 1996, with the removal of pipe insulation, ceiling tiles, ceiling finishes, floor tiles, and roofing systems. The 2012 Phase I Report noted current building materials to be in good condition. It was noted that lead-based paint had not been assessed at the Site.

The 2012 Phase I ESA noted one recognized environmental condition and one historical recognized environmental condition associated with the Site. A previous Site address of 2209 Harold Way, within the former two-story retail building on the northwestern corner of the property, was identified as a dry cleaner facility on a 1950s Sanborn Map. Upon further investigation, multiple dry-cleaning facilities occupied the Site between the 1920s and 1950s, which were not identified in any regulatory databases. However, these facilities operated prior to promulgation of the Resource Conservation and Recovery Act of 1980 and operated unregulated during their occupancy. Thus, the potential for a release of chlorinated solvent compounds associated with dry-cleaning activities was present. Furthermore, a limited indoor air quality survey was performed in 2002 in a basement office tenant suite of the Site building after complaints of workers experiencing headaches, stuffiness, and allergies. The indoor air survey concluded that carbon dioxide, formaldehyde, ozone, thermal analysis levels, and a dust sample were all normal and no significant findings were reported. However, volatile organic compounds (VOCs) were not sampled, which are the contaminants of concern associated with dry-cleaning activities. The potential for vapor intrusion issues associated with a potential historical release of compounds associated with dry-cleaning activities at the Site represents a recognized environmental condition in connection with the Site.

IVI also referenced a Phase I Environmental Site Assessment performed by an undisclosed consultant in 1995, which stated that a boiler that used fuel oil for heating was present on the hotel property northeast of the Site. The consultant performed an investigation of a potential underground storage tank (UST) associated with the boiler in which two borings were drilled on Allston Way near the entrance of the Shattuck Hotel. During the investigation, an empty vault was encountered, which was believed to be the location of a former UST; however, the vault was found to be in good condition with no evidence of cracking or staining. The City of Berkeley Toxics Management Division subsequently issued a No Further Action (NFA) determination regarding the potential UST at the Site. Based on these findings, IVI concluded that no additional investigation was necessary. Because an investigation was conducted under the City of Berkeley Toxics Management Division that did not reveal a UST, this is not considered a recognized environmental condition in connection with the Site.

The 2019 HMS detailed additional ACM sampling and abatement activities at the Site. Asbestos samples were collected from 306 suspect materials; asbestos was detected in window sealant, flooring adhesive, floor tiles, joint compounds, fireproofed materials, and topping compounds. These materials were properly abated and abandoned.

5.0 SITE BACKGROUND AND HISTORY

Farallon reviewed the following historical sources as part of this Phase I ESA:

- Aerial photographs of the Berkeley, California area dated 1939, 1946, 1958, 1965, 1968, 1974, 1980, 1982, 1991, 1993, 2005, 2009, 2010, 2012, 2014, 2016, 2018, and 2020 obtained from ERIS; and dated 1993, 2002 through 2005, and 2007 through 2020 obtained from Google Earth;
- Pacific Bell Telephone, Haines, and Digital Business City Directories of Berkeley, California dated 1943, 1946, 1956, 1961, 1966, 1968, 1975, 1980, 1985, 1991, 1996, 2001, 2006, 2009, 2013, and 2018 obtained from ERIS;
- USGS topographic maps of San Francisco, California dated 1895, 1899, and 1915; and of Oakland West, California dated 1949, 1959, 1968, 1973, 1980, 1996, 1997, and 2015 obtained from ERIS; and
- Fire insurance maps of East Berkeley dated 1890; of Oakland dated 1903; and of Berkeley dated 1894, 1911, 1929, 1950, and 1980 obtained from ERIS.

Farallon is not responsible for the accuracy or completeness of the historical sources reviewed. The historical sources documented were reasonably ascertainable and practically reviewable during this Phase I ESA.

5.1 SITE

Fire insurance maps between 1890 and 1911 show that multiple small buildings existed at the Site, and Strawberry Creek traversed the Site, trending from east to west. The 2012 Phase I Report noted that these buildings included single-family dwellings and a small, two-story, multi-tenant retail building in the northwestern corner of the property. The retail building was reported razed in the early 1950s prior to the construction of the current two-story building. According to historical aerial photographs, the Site was developed by at least 1939 and the surrounding area was fully developed. The Site appeared to be comprised of two separate buildings: one larger rectangular building on the southern portion of the Site, and one smaller rectangular building in the northern

portion of the Site. These buildings appeared to be detached with a gap between them. By 1958, the northern rectangular building, assumed to be the "retail building" mentioned in the 2012 Phase I Report appeared to have been razed and replaced by a large building; the gap between the two buildings is gone by this time. After 1958, the Site building configuration does not appear to change through the present. City directory listings for the Site address included various retail shops, offices, and dry cleaners. Dry cleaners were reportedly present on the Site between the 1920s and 1950s. The former retail store building historically had the address of 2209 Harold Way; the address later changed to 2060 Allston Way. Historical addresses located on the Site as identified on the fire insurance maps include 2060, 2064, 2066, 2068, 2070, and 2074 Allston Way, and 2209 Harold Way. Additional information regarding the Site history is provided in Section 4.5, Previous Environmental Studies, and Section 6.1, On-Site Listings.

5.2 ADJACENT PROPERTIES

According to fire insurance maps between 1890 and 1911, adjacent properties included single-family residences, barns, sheds, and commercial developments. In the 1890 fire insurance map, a residential building, an elevated 10,000-gallon tank, and windmill were present north of the Site, on the opposite side of Strawberry Creek. By 1894, a portion of Strawberry Creek immediately north of the Site appeared to have been filled in, though no additional adjacent properties are visible. By 1903, Allston Way was fully developed to the north of the Site and one small building was present northwest-adjacent to the Site. The 1911 fire insurance map shows the Shattuck Hotel northeast-adjacent to the Site, including a restaurant, a billiards hall, and offices.

Adjacent properties appeared to be in their current configuration with little to no changes by the earliest aerial photograph in 1939. City directory listings for adjacent properties included the Shattuck Hotel, various retail properties, the Berkeley Public Library, residential property, clubs, schools, and restaurants. Additional information regarding adjacent properties is provided in Section 6.2, Adjacent and Other Facility Listings.

6.0 REGULATORY REVIEW

ERIS conducted a review of environmental regulatory agency database listings to identify reported environmental issues related to the Site and facilities in the Site vicinity. Farallon used the greater of each approximate minimum search distance from the Site for each of the referenced federal and state environmental databases, as specified in ASTM E1527-13.

Farallon reviewed the ERIS *Database Report* prepared for the Site dated February 2, 2021 (ERIS Report) to note reported facilities in the vicinity of the Site that were considered to have a potential to adversely impact the Site (i.e., are known to have resulted in or are expected to result in a recognized environmental condition). Reported facilities identified in the ERIS Report were evaluated with respect to the nature and extent of a given release, the distance of the reported facility from the Site, the stratigraphy of soil, the expected soil permeability, and the location of a reported facility with respect to known or expected local and/or regional groundwater flow direction.

The descriptions of the databases searched, the complete database names for the abbreviations used in this Phase I ESA Report, and the associated search distances from the Site are provided in the ERIS Report presented in Appendix D.

6.1 ON-SITE LISTINGS

Berkeley Center, located on the Site, was identified in the HAZNET database in August 2008. According to the ERIS Report, hazardous materials were stored in Suite D3 at 2065 Kittredge Street; no other information is available. Based on the information provided in the ERIS Report, historical operations at this facility do not represent a recognized environmental condition in connection with the Site.

NFLP Berkeley Center De LLC/Innomedia Inc./Alan Kropp & Associates NA Inc., located on the Site, were identified in the HAZNET, FINDS/FRS, and BERKELEY CUPA databases. According to the ERIS Report, NFLP Berkeley Center De LLC at 2070 Allston Way stored hazardous materials at the Site in December 2004; and Innomedia Inc. at 2070 Allston Way Suite

200 stored hazardous materials at the Site in December 2003. Information regarding the types of hazardous materials stored at the Site by NFLP Berkeley Center De LLC and Innomedia Inc. was not available in the ERIS Report. Alan Kropp & Associates NA Inc. at 2070 Allston Way, Suite 2, was listed as operating under a hazardous materials business plan (HMBP) during its tenancy at the Site; the HMBP is currently listed as inactive.

Farallon searched the GeoTracker database and the California Department of Toxic Substances Control online EnviroStor database (EnviroStor database) for records related to the Site but found no listings. Additional information regarding the Site is provided in Section 4.5, Previous Environmental Studies.

6.2 ADJACENT AND OTHER FACILITY LISTINGS

Reported facilities within 0.25 mile up-gradient, 0.125 mile cross-gradient, or adjacent down-gradient of the Site with respect to the assumed groundwater flow direction are considered to have a potential to have impacted the Site. Facilities that were listed in the ERIS Report but not identified as a reported facility (e.g., a facility listed as a hazardous waste generator but not as having had a release), and facilities that were listed as "Closed" were not considered to have a potential to have impacted the Site.

- **Berkeley YMCA** at 2001 Allston Way, northwest of the Site across Allston Way and cross-gradient with respect to the assumed groundwater flow direction, was identified in the LUST database. According to the ERIS Report and the GeoTracker database, a leaking 2,000-gallon heating oil/fuel oil UST was present on the property and was reported as leaking in July 1993 and as closed in February 1994 with a No Further Action determination from the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB). Based on the information provided in the ERIS Report, the GeoTracker database, and its current regulatory status, this facility does not represent a recognized environmental condition in connection with the Site.

- **American Red Cross** at 2116 Allston Way, east-northeast of the Site and up-gradient of the Site with respect to the assumed groundwater flow direction, was identified in the

LUST database. According to the ERIS Report and GeoTracker database, in June 1991, a leaking diesel UST was discovered during tank closure. The case was reported as closed in May 1994 with a No Further Action determination by SFBRWQCB. Based on the information provided in the ERIS Report, the GeoTracker database, and its current regulatory status, this facility does not represent a recognized environmental condition in connection with the Site.

- **Pacific Bell/Sprint Nextell Cell Site/T-Mobile West/AT&T California** at 2116 Bancroft Way, southeast of the Site and cross-gradient with respect to the assumed groundwater flow direction, was identified in the LUST, DELISTED TNK, HHSS, BERKELEY CUPA, UST, EMISSIONS, HIST TANK, CERS TANK, and RCRA LQG databases. According to the ERIS Report and GeoTracker database, in December 1985, a leaking diesel UST was discovered during tank closure. The case was reported as closed in June 1999 with a No Further Action determination by SFBRWQCB. The property is currently occupied by AT&T California, who operates a UST with no records of spills or releases. Based on the information provided in the ERIS Report, the GeoTracker database, and its current regulatory status, this facility does not represent a recognized environmental condition in connection with the Site.

- **Berkeley Touchless/Automotive City/** at 2176 Kittredge Street, east-southeast of the Site and cross-gradient with respect to the assumed groundwater flow direction, was identified in the LUST, HHSS, BERKELEY CUPA, CERS TANK, UST, HIST TANK, and EMISSIONS databases. According to the ERIS Report and the GeoTracker database, a gasoline service station existed at the property in the mid-1950s and contains five single-wall USTs; three 10,000-gallon gasoline USTs, one 8,000-gallon gasoline UST, and one 8,000-gallon diesel UST. In March 1994, the City of Berkeley requested testing of soil and groundwater around the USTs. Subsequent testing determined that petroleum hydrocarbons were released to soil and groundwater at the property. As of investigations in March 2020, concentrations of methyl tertiary-butyl ether (MTBE) up to 113,000 micrograms per liter were detected in groundwater. Based on data presented in the

Groundwater Monitoring Report – First Half 2020, 2176 Kittredge Street, Berkeley, CA 94704 dated June 29, 2020, prepared by Pangea Environmental Services, Inc., concentrations of total petroleum hydrocarbons in the gasoline range (TPH-g), benzene, MTBE, and other VOCs do not appear to have the potential to impact the Site. The case is currently listed as open in GeoTracker. Planned corrective actions for this property included excavation of MTBE source material, in-situ chemical oxidation, and enhanced in-situ bioremediation, which were planned to take place at the end of 2020; however, no additional documentation pertaining to remediation at the property is available. Other database listings for this property pertain to regulation by Berkeley Certified Unified Program Agency (CUPA) and emissions permits with the Bay Area Air Quality Management District. Based on the information provided in the ERIS Report and the GeoTracker database, this facility does not represent a recognized environmental condition in connection with the Site.

- **Berkeley Downtown Hotel** at 2129 Shattuck Avenue, northeast of the Site and up-gradient with respect to assumed groundwater flow direction, was listed in the RCRA NON GEN and GeoTracker databases. According to the ERIS Report and the GeoTracker database, oily material and oil-stained pipes were identified during redevelopment activities in August 2018. Soil in the area was excavated and removed until confirmation soil samples were clean. Vapor samples were also collected that yielded concentrations of benzene, chloroform, and tetrachloroethene; however, at concentrations less than regulatory limits. This site was granted a No Further Action determination by SFRWQCB in July 2019. Based on the information provided in the ERIS Report, the GeoTracker database, and its current regulatory status, this facility does not represent a recognized environmental condition in connection with the Site.

- **Toltec Property** at 2148 Center Street, northeast of the Site and up-gradient with respect to the assumed groundwater flow direction, was identified in the LUST database. According to the ERIS Report and GeoTracker database, in January 1994, a leaking diesel UST was discovered during tank closure. The case was reported as closed in January 1994

with a No Further Action determination by RWQCB. Based on the information provided in the ERIS Report, the GeoTracker database, and its current regulatory status, this facility does not represent a recognized environmental condition in connection with the Site.

- **Bridge Housing Corporation** at 2012 Berkeley Way, north-northwest of the Site and up-gradient with respect to the assumed groundwater flow direction, was identified in the CLEANUP SITES database. According to the ERIS Report and GeoTracker database, historical use at the property included dry cleaners, automotive repair shops, tire shops, and a fire station with USTs. Multiple investigations have been conducted that identified lead in soils at concentrations exceeding regulatory levels. A Corrective Action Plan was submitted to the Alameda County Department of Environmental Health in March 2020 to excavate lead-impacted soils and subsequent capping via impermeable hardscapes, and implementation of a land use covenant. The case is currently listed as "open" in GeoTracker and remedial action is still underway. Based on the information provided in the ERIS Report, the GeoTracker database, and the fact that lead-impacted soil is limited to the vicinity of the property, this facility does not represent a recognized environmental condition in connection with the Site.

6.3 UNMAPPABLE LISTINGS

ERIS identified five facilities as "unplottable" that ERIS was unable to map due to inaccurate or inadequate address information. Farallon located these unplottable facilities and, according to the addresses provided by ERIS, the facilities are not located within the respective search radii. The unplottable facilities located do not represent a recognized environmental condition in connection with the Site.

7.0 INTERVIEWS

Farallon conducted interviews with individuals familiar with the Site and contacted relevant local governmental agencies to obtain additional Site information. The responses from the parties contacted are provided below.

7.1 INTERVIEW WITH SITE REPRESENTATIVE

During the site reconnaissance, Farallon interviewed Augustine Martinez, a representative of HSR Berkeley Investments, LLC, representing the owner of the Site, on January 29, 2021. The following information was obtained from this interview:

- No known aboveground storage tanks (ASTs) or USTs are present on the Site.
- Minor amounts of hazardous materials on the Site consist of janitorial cleaning supplies, paint and paint finishing containers, used fluorescent light bulbs, carpet cleaners, an empty 55-gallon drum, a 5-gallon polyethylene container with Garratt-Callahan Formula 125-L (anti-corrosion agent), and hydraulic oil.
- Utilities are provided by the local municipality.
- No reportable spills or releases have occurred on the Site.

Augustine Martinez stated that he had not been made aware of any pending, threatened, or past:

- Litigation relevant to hazardous substances or petroleum products in, on, or from the Site;
- Administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the Site; or
- Notices from a governmental entity regarding violations of environmental laws or liability relating to hazardous substances or petroleum products.

7.2 INTERVIEW WITH FIRE DEPARTMENT

Farallon contacted the City of Berkeley Fire Department on January 18, 2021 to inquire whether notices of violations and/or reported hazardous spills at the Site were on file, and regarding previous and current ASTs and USTs at the Site. A representative of the City of Hayward Fire Department indicated that it had no records of storage tanks, hazardous material storage, or spills associated with the Site.

7.3 INTERVIEW WITH CITY

Farallon contacted the City of Berkeley on January 18, 2021 to inquire whether notices of violations and/or reported hazardous spills at the Site were on file, and regarding previous and current ASTs and USTs at the Site. A representative of the City of Berkeley indicated that it had no records of storage tanks, hazardous material storage, or spills associated with the Site.

Farallon also contacted the City of Berkeley Building and Safety Department on January 18, 2021 to inquire about building permits or records for the Site. The City of Berkeley Building and Safety Department provided numerous documents, including zoning permit applications, Assessor's Parcel information for suites at 2060 Allston Way and 2070 Allston Way, address assignments, and building and electrical inspection reports.

7.4 INTERVIEW WITH TOXICS DIVISION

Farallon contacted the City of Berkeley Toxics Division on January 18, 2021 to inquire whether notices of violations and/or reported hazardous spills at the Site were on file. A representative of the City of Berkeley Toxics Division provided HMBPs between 2009 and 2020 for the Site. According to the HMBPs, hazardous materials stored at the Site included three nuclear density gauge with Cesium-137/Americium-241 operated by Alan Kropp & Associates Inc. The nuclear gauges were closed with Berkeley CUPA in April 2020. Other documents included inspection forms by the Berkeley CUPA.

8.0 SITE RECONNAISSANCE

Farallon conducted a site reconnaissance on January 29, 2021 to observe the Site for physical evidence of recognized environmental conditions. The methodology used for the site reconnaissance and the observations made during the reconnaissance are discussed below. A description of the Site is provided in Section 2.2, Site Description. Photographs taken during the site reconnaissance are presented in Appendix B.

8.1 SITE RECONNAISSANCE METHODOLOGY

Farallon completed a walk around the entire perimeter of the Site and inspected accessible interior portions of the Site buildings. There were no deviations from ASTM E1527-13 during the Phase I ESA. A limiting condition encountered during the Phase I ESA included limited access to portions of the Site, including projector rooms in the theatres and several office suites, that prevented Farallon from observing the entire site. Based on information obtained from the Site representative, this limiting condition is not expected to hinder the conclusions of this report.

8.2 SITE RECONNAISSANCE OBSERVATIONS

Weather conditions at the time of the reconnaissance were overcast, with a temperature of approximately 50 degrees Fahrenheit. No weather-related Site-access restrictions were encountered during the reconnaissance.

The Site consists of portions of Alameda County Parcel Nos. 057-2027-006 and 057-2027-007, which totals approximately 0.80 acre of land developed with a three-story building interconnected with another structure, which were constructed between 1910 and 1955. CA Ventures, LLC plans to demolish the building and replace it with a proposed 12-story building. The 12-story building is expected to be approximately 216,000 square feet with no below-grade basement. Remaining areas of the Site consist of an alleyway and common area. Access to the Site is gained from Allston Way, north of the Site, and Kittredge Street, south of the Site.

8.2.1 Interior Observations

Farallon's observations of the interior of the Site building during the site reconnaissance are documented in the table below. Comments pertaining to notable interior observations follow in Section 8.2.2. Photographs taken during the site reconnaissance are provided in Appendix B.

INTERIOR OBSERVATIONS	YES	NO
Odor		X
Heating/Cooling System	X	
Drain(s) and/or Sump(s)	X	
Staining and/or Corrosion	X	
Storage Tank(s), Vent Pipe(s), Fuel Port(s), and/or Fill Pipes		X
Clarifier(s)		X
Discharge Area		X
Drum(s) and/or Other Container(s)	X	
Pool(s) of Liquid	X	
Automobile Lift(s)		X
Monitoring Well(s)		X
Hazardous Material(s) and/or Petroleum Product(s)	X	
Hazardous Waste		X

8.2.2 Interior Observation Comments

Heating/Cooling System

The Site buildings were heated with electrical heating systems.

Drain(s) and/or Sump(s)

Farallon observed many floor drains in the bathrooms and janitorial closets in the Site buildings. According to the Site representative, the floor drains are connected to the sanitary sewer.

Staining and/or Corrosion

Farallon observed minor staining on the floors of some office suites associated with ceiling leaks where water had accumulated on the ground surface. Minor staining was also observed in the loading area around the trash compactor.

Drum(s) and/or Other Container(s)

Farallon observed janitorial cleaning supplies, paint and paint finishing containers, carpet cleaners, an empty 55-gallon drum, a 5-gallon polyethylene container with Garratt-Callahan Formula 125-L (anti-corrosion agent), a hydraulic fluid container, and an open bucket with elevator hydraulic fluid. None of the drums or containers were observed to be stored in secondary containment.

Pool(s) of Liquid

Farallon observed standing hydraulic oil in the elevator maintenance room, in a collection tray below the elevator equipment. There was no evidence of staining on the surrounding concrete pad.

Hazardous Material(s) and/or Petroleum Product(s)

Farallon observed minor amounts of hazardous materials on the Site consisting of janitorial cleaning supplies, paint and paint finishing supplies, used fluorescent light bulbs, carpet cleaning chemicals, Garratt-Callahan Formula 125-L (anti-corrosion agent), and hydraulic oil.

8.2.3 Exterior Observations

Farallon's observations of the exterior of the Site during the site reconnaissance are documented in the table below. Comments pertaining to notable exterior observations follow in Section 8.2.4. Photographs taken during the site reconnaissance are provided in Appendix B.

EXTERIOR OBSERVATIONS	YES	NO
Odor		X
Staining and/or Corrosion		X
Storage Tank(s), Vent Pipe(s), and/or Fuel Port(s)		X
Drum(s) and/or Other Container(s)		X

EXTERIOR OBSERVATIONS	YES	NO
Pool(s) of Liquid		X
Hazardous Material(s) and/or Petroleum Product(s)		X
Hazardous Waste		X
Pit(s), Pond(s), and/or Lagoon(s)		X
Stressed Vegetation		X
Solid (Non-Hazardous) Waste—Evidence of Dumping		X
Wastewater		X
Domestic Water	X	
Water Well(s)		X
Septic/Sewer System	X	
Stormwater	X	
Transformer(s)		X
Significant Amount of Fill Material		X

8.2.4 Exterior Observation Comments

Domestic Water

Domestic water is supplied to the Site buildings by the City of Berkeley.

Septic/Sewer System

Sanitary sewage generated at the Site discharges to the municipal sanitary sewer system.

Stormwater

Stormwater on the Site is directed into storm drain catch basins on the public rights-of-way.

9.0 FINDINGS AND OPINIONS

Farallon observed de minimis staining on the floors of some office suites associated with ceiling leaks where water had accumulated on the ground surface. De minimis staining was also observed in the loading area around the trash compactor.

The 2012 Phase I ESA noted one recognized environmental condition associated with the Site. A previous Site address of 2209 Harold Way, within the former two-story retail building on the northwestern corner of the property, was identified as a dry cleaner facility on a 1950s Sanborn Map. Upon further investigation, multiple dry cleaning facilities occupied the Site between the 1920s and 1950s, which were not identified in any regulatory databases. However, these facilities operated prior to promulgation of the Resource Conservation and Recovery Act of 1980 and operated unregulated during their occupancy. Thus, the potential for a release of chlorinated solvent compounds associated with dry-cleaning activities was present. Furthermore, a limited indoor air quality survey was performed in 2002 in a basement office tenant suite of the Site building after complaints of workers experiencing headaches, stuffiness, and allergies. The indoor air survey concluded that carbon dioxide, formaldehyde, ozone, thermal analysis levels, and a dust sample were all normal and no significant findings were reported. However, VOCs were not sampled, which are the contaminants of concern associated with dry-cleaning activities. The potential for vapor intrusion issues associated with a potential historical release of compounds associated with dry-cleaning activities at the Site represents a recognized environmental condition in connection with the Site.

The ERIS Report identified the Site address in several databases. The Site was identified as a handler of hazardous materials, with no reported violations. Regulatory files for the Site were not reviewed due to the time and/or cost constraints of this Phase I ESA. Farallon searched the GeoTracker and EnviroStor databases for records related to the Site, but found no listings.

The ERIS Report identified numerous adjacent and nearby facilities in numerous databases. After review of the database listings, most of the Sites were found to represent de minimis conditions in association with the Site.

Farallon observed standing hydraulic oil in the elevator maintenance room, in a collection tray below the elevator equipment. There was no evidence of staining on the surrounding concrete pad. Farallon recommends that the elevator be serviced to resolve any hydraulic oil leaks, and the hydraulic oil be drained into a closed container with proper labelling in secondary containment.

Based on the recognized environmental condition in connection with the Site, Farallon recommends the collection of three subslab vapor samples and two indoor air samples in the northwestern portion of the basement level of the Site to assess the potential for vapor intrusion associated with historical dry-cleaning activities between the 1920s and 1950s at the Site.

10.0 CONCLUSIONS

Farallon conducted a Phase I ESA for 2060 Allston Way in Berkeley, California in conformance with the scope and limitations of ASTM E1527-13. Any exceptions to or deletions from this practice are described in Section 1.5, Deviations.

This assessment identified the following recognized environmental condition in connection with the Site:

- The potential for vapor intrusion issues associated with a potential historical release of compounds associated with dry-cleaning activities at the Site.

11.0 REFERENCES

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12.0 LIMITATIONS

12.1 GENERAL LIMITATIONS

The conclusions contained in this report/assessment are based on professional opinions with regard to the subject matter. These opinions have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location. The conclusions contained herein are subject to the following inherent limitations:

- **Accuracy of Information.** Farallon obtained, reviewed, and evaluated certain information used in this report/assessment from sources that were believed to be reliable. Farallon's conclusions, opinions, and recommendations are based in part on such information. Farallon's services did not include verification of its accuracy or authenticity. Should the information upon which Farallon relied prove to be inaccurate or unreliable, Farallon reserves the right to amend or revise its conclusions, opinions, and/or recommendations.
- **Reconnaissance and/or Characterization.** Farallon performed a reconnaissance and/or characterization of the Site that is the subject of this report/assessment to document current conditions. Farallon focused on areas deemed more likely to exhibit hazardous materials conditions. Contamination may exist in other areas of the Site that were not investigated or were inaccessible. Site activities beyond Farallon's control could change at any time after the completion of this report/assessment.

For the foregoing reasons, Farallon cannot and does not warrant or guarantee that the Site is free of hazardous or potentially hazardous substances or conditions, or that latent or undiscovered conditions will not become evident in the future. Farallon's observations, findings, and opinions can be considered valid only as of the date of the report.

This report/assessment has been prepared in accordance with the contract for services between Farallon and CA Ventures, LLC, and currently accepted industry standards. No other warranties, representations, or certifications are made.

12.2 LIMITATION ON RELIANCE BY THIRD PARTIES

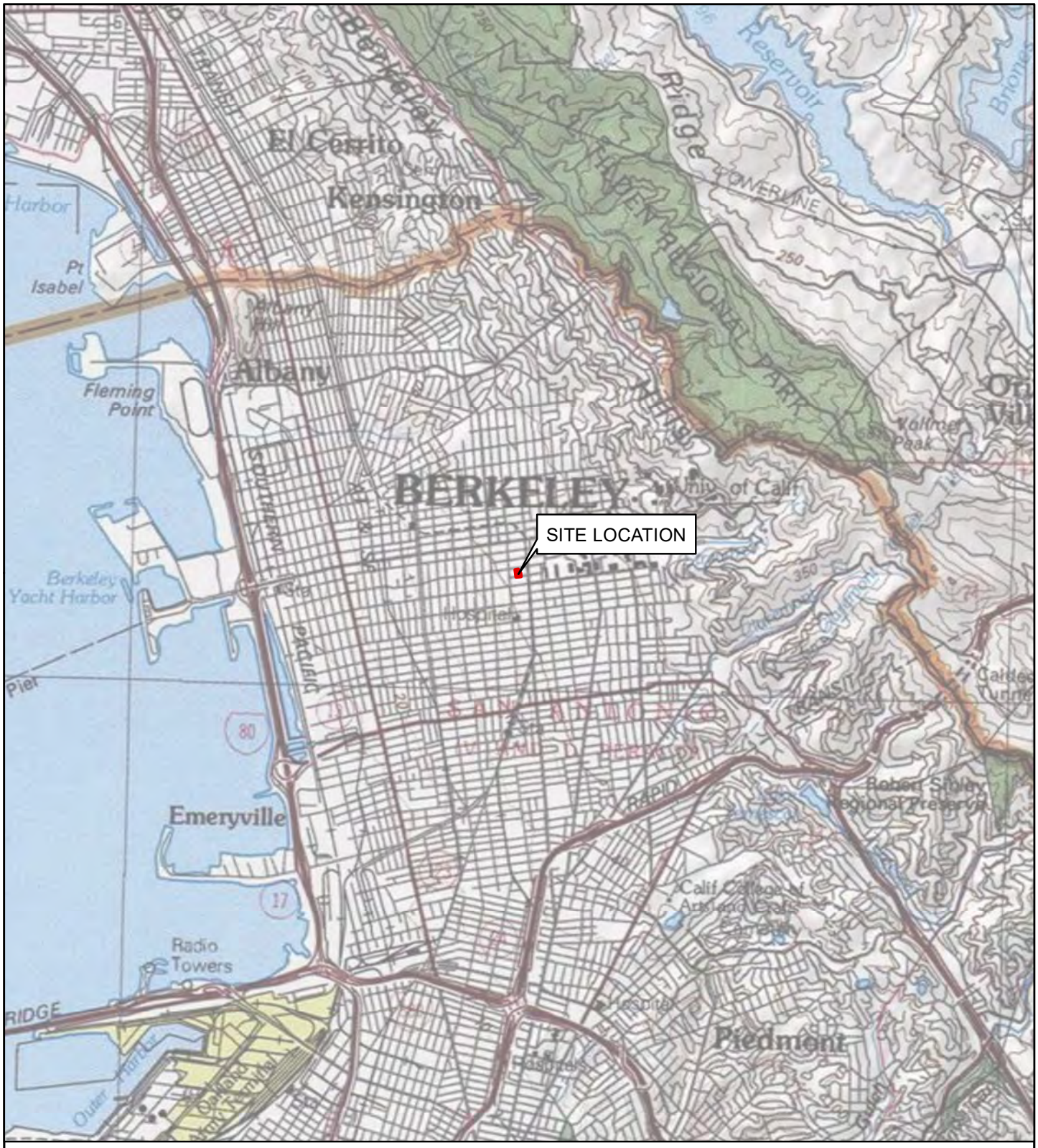
Reliance by third parties is prohibited. This report/assessment has been prepared for the exclusive use of CA Ventures, LLC to address the unique needs of CA Ventures, LLC at the Site at a specific point in time.

This is not a general grant of reliance. No one other than CA Ventures, LLC may rely on this report unless Farallon agrees in advance to such reliance in writing. Any unauthorized use, interpretation, or reliance on this report/assessment is at the sole risk of that party, and Farallon will have no liability for such unauthorized use, interpretation, or reliance.

FIGURES

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
2060 Allston Way
Berkeley, California

Farallon PN: 2341-002



REFERENCE: 7.5 MINUTE USGS QUADRANGLE OAKLAND WEST, CALIFORNIA, DATED 2013

N

0 5,000
SCALE IN FEET

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Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Folsom | Irvine

FIGURE 1

SITE VICINITY MAP
2060 ALLSTON WAY
BERKELEY, CALIFORNIA

FARALLON PN: 2341-002

Drawn By: vpehlivan | Checked By: BF | Date: 1/28/2021 | Disc Reference: Q:\Projects\2341 CA Ventures\002 Allston Way Development\Mapfiles\001_Phase-I\Figure-01_SiteVicinityMap.mxd

LEGEND

SITE BOUNDARY

ALAMEDA COUNTY PARCEL BOUNDARY

N

0 60

SCALE IN FEET

NOTES:
1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR. GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION.

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California
Oakland | Folsom | Irvine

FIGURE 2

SITE PLAN
2060 ALLSTON WAY
BERKELEY, CALIFORNIA

FARALLON PN: 2341-002

Drawn By: vpehlivan | Checked By: BF | Date: 2/3/2021 | Disc Reference:
Path: Q:\Projects\2341 CA Ventures\002 Allston Way Development\Mapfiles\001_Phase-I\Figure-02_SitePlan.mxd

APPENDIX A
PROFESSIONAL QUALIFICATIONS

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
2060 Allston Way
Berkeley, California

Farallon PN: 2341-002

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Portland | Baker City

California
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BRANDON FLICKINGER, P.G., CHG
Associate Geologist

MS Geology
BS Geology
10 years experience

Mr. Flickinger has 10 years of professional environmental experience in assisting clients with complex soil and groundwater assessment and remediation, along with due diligence. His areas of expertise include groundwater monitoring, conceptual site modeling, remediation design, and regulatory closure. Mr. Flickinger has been involved in light nonaqueous-phase liquid assessment and recovery and natural gas investigation and isotopic analysis. He is also experienced in proposal and work plan preparation, investigation oversight, results reporting, and general project management.

RICHARD MAKDISI, P.G.
Principal Geochemist

MS Geochemistry
BA Geology
36 years experience

Mr. Makdisi has more than 36 years of experience in hazardous management, geoscience engineering, geochemistry, and geohydrology. He has hands-on experience managing regional and site facility-scale projects for a wide range of issues, from immediate response assessments to long-term planning studies. He has worked closely with the U.S. Environmental Protection Agency; the California Environmental Protection Agency; California Water Boards; and county and city agencies on Resource Conservation and Recovery Act and Comprehensive Environmental Response, Compensation, and Liability Act sites to design and implement remedies to achieve regulatory closure for commercial and government clients. He has extensive experience in evaluating pathways of exposure to identify and design remediation systems and oversee their implementation.

APPENDIX B
SITE PHOTOGRAPHS

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
2060 Allston Way
Berkeley, California

Farallon PN: 2341-002

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Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Folsom | Irvine

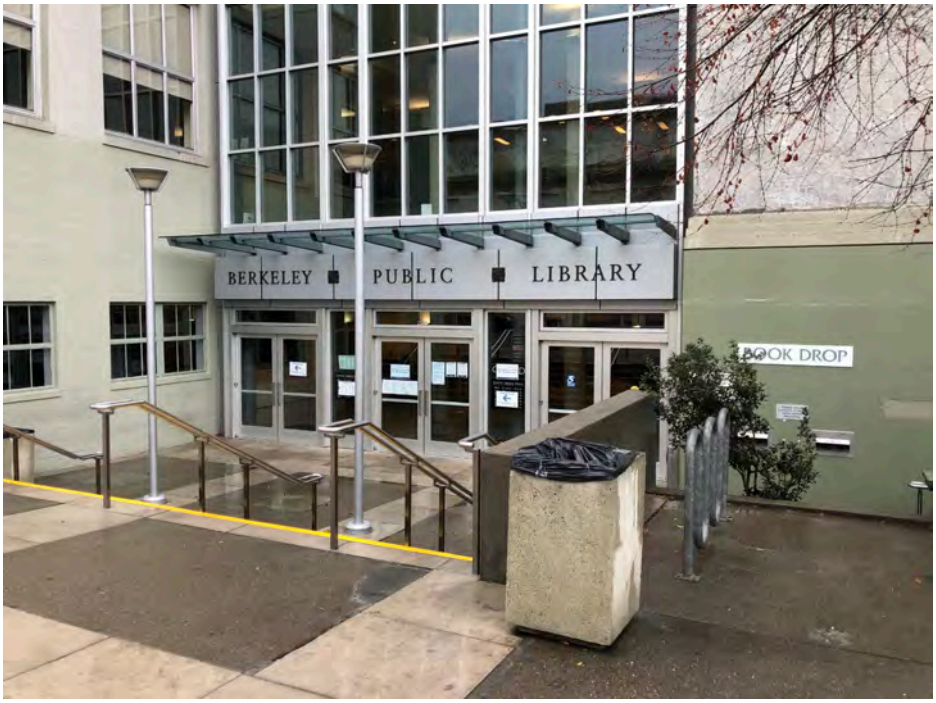
SITE PHOTOGRAPHS

Phase I Environmental Site Assessment Report
2060 Allston Way, 2070 Allston Way, and 2065 Kittredge Street
Berkeley, California
Farallon PN: 2341-002

Photograph 1: Western Site boundary, looking southeast.
Photograph 2: Eastern Site boundary, looking southwest.
Photograph 3: Easten Site Boundary, looking south.
Photograph 4: Southeastern Site boundary, looking north.
Photograph 5: Production area in Site building, looking southwest.
Photograph 6: Ink storage, first floor.
Photograph 7: Ink storage, second floor.
Photograph 8: Oily waste container.
Photograph 9: Janitorial cleaning supplies and flammables cabinet.
Photograph 10: Interior transformer.
Photograph 11: Empty drum storage.
Photograph 12: Hazardous waste storage area.
Photograph 13: Recycled oil storage area.
Photograph 14: Flammables cabinets in solvent storage area.
Photograph 15: Exterior drum storage.
Photograph 16: Exterior pad-mounted transformer.

Photograph 1: Site building, looking southeast.

Photograph 2: West side of Site building, looking southeast.



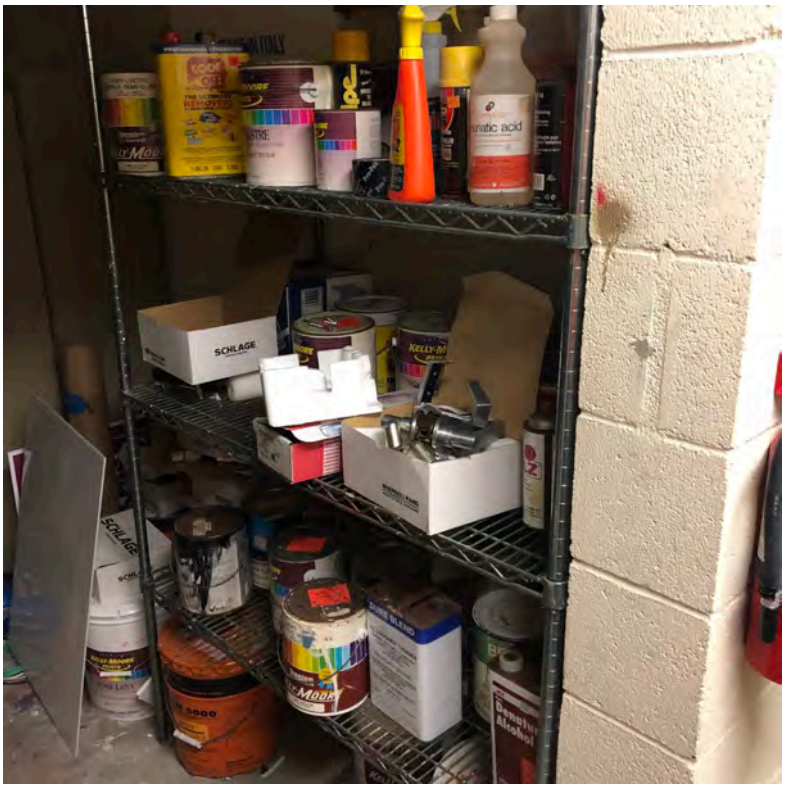
Photograph 3: Berkeley Public Library, looking southeast.

Photograph 4: Dharma College, looking southwest.

Photograph 5: Hotel Shattuck, looking southwest.

Photograph 6: Public parking garage, looking northwest.

Photograph 7: Emtpy drum and anti-corrosion agent without secondary containment.



Photograph 8: Janitorial closet chemicals and supplies.

Photograph 9: Standing hydraulic oil in elevator room.

Photograph 10: Trash compactor, looking south.

Photograph 11: Staining from ceiling leaks in basement suite.

Photograph 12: Bathroom floor drain.

APPENDIX C
USER QUESTIONNAIRE

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
2060 Allston Way
Berkeley, California

Farallon PN: 2341-002

PHASE I ENVIRONMENTAL SITE ASSESSMENT
USER QUESTIONNAIRE

To qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the Phase I Environmental Site Assessment (Phase I ESA) Report user must provide the following information (if available) to the environmental professional (Farallon Consulting, L.L.C.). Failure to provide this information could result in the determination that "all appropriate inquiry" has not been completed.

Date:

■ PROJECT/SITE INFORMATION

Client Name: CASL Holdings, LLC			Client Telephone:
Client Address: 130 E. Randolph St, Suite 2100, Chicago, IL 60601			
Asset #:	Project/Site Name:		
Project Street Address: 2060 Allston Way			
City: Berkeley	County: Alameda	State: CA	Zip: 94704

Why is this Phase I ESA required?

Property Transaction:

☐ Sale ☒ Purchase ☐ Exchange ☐ Other

Comments:

■ PROPERTY USE & SPECIFICATIONS

☐ Single-Family Residential	☐ Vacant or Undeveloped Land
☐ Multi-Family Residential #Units:	☐ Agricultural (*Specify type*):
☐ Commercial Office	☐ Industrial (*Specify type*):
☒ Commercial Retail	☐ Other (*Specify type*):

Provide a general Site description:

Believe it is currently vacant retail space adjacent to the Shattuck Hotel.

Legal description/plat plan/boundary survey available? ☐ Yes ☒ No ☐ Already provided

Current Property Status: ☒ Vacant ☐ Occupied ☐ Improved ☐ Unimproved

Total Property Size: Approx. .95 Acres Original Construction Date: Unknown

Total # of Buildings: Unknown Was Construction Phased? ☐ Yes ☐ No ☒ Unknown

Total Sq. Ft. of Buildings: Unknown Date(s) of Renovation(s)/Phases: Unknown

Does Site have an undeveloped area equal to 1 acre or more? ☐ Yes ☒ No

Are any bodies of water on or immediately adjacent to the Site? ☐ Yes ☒ No If Yes, describe:

Comments:

Potable water source at Site? ☐ On-Site well ☒ Utility (*Specify provider*) Unknown

Wastewater discharge at Site? ☐ Septic Tank/Drainfield ☒ Sanitary Sewer ☐ Other (Specify):

Building plans available at the Site? ☐ Yes ☐ No ☒ Unknown ☐ Already provided

■ OWNERS

Current Owner(s): Hill Street Realty

Previous Owner(s): Unknown

■ OCCUPANTS/TENANTS

Current Occupant(s)/Tenant(s) and operations:

Unknown

Previous Occupant(s)/Tenant(s) and operations:

Unknown

■ PREVIOUS PROPERTY USES

Describe previous use(s) of the Site:

Unknown

■ PREVIOUS INVESTIGATIONS

Has any previous environmental investigation been conducted at Site? ☒ Yes ☐ No ☐ Unknown

If Yes, note type and describe: ☒ Phase I ESA ☐ Asbestos ☐ Lead Paint ☐ Lead in Water

☐ Radon ☐ Wetlands ☐ Indoor Air ☐ UST/AST ☐ Other (*Specify type below)*

Comments:

■ ON-SITE ENVIRONMENTAL CONDITIONS

Are you aware of any of the following environmental conditions at the Site, either current or former?

Environmental Condition/Issue	**Response**	**Comment if Yes Response**
Aboveground Storage Tank	☐ Yes ☒ No	
Underground Storage Tank	☐ Yes ☒ No	
Hazardous/Toxic Substance	☐ Yes ☒ No	
Stored Chemical	☐ Yes ☒ No	
Chemical Spill/Release	☐ Yes ☒ No	
Dump Area/Landfill	☐ Yes ☒ No	
Waste Treatment System	☐ Yes ☒ No	
Wastewater Discharge	☐ Yes ☒ No	
Air Stack/Vent/Odor	☐ Yes ☒ No	
Indoor Air Quality Complaint	☐ Yes ☒ No	

Floor Drain/Sump	☐ Yes ☒ No	
Pit, Pond, Lagoon	☐ Yes ☒ No	
Stained Soil/Vegetation Impact	☐ Yes ☒ No	

Other specialized knowledge of an environmental condition or issue at the Site?

■ ADDITIONAL ON-SITE ENVIRONMENTAL CONDITIONS

Are you aware of any of the following environmental conditions on the Site, either current or former?

Environmental Condition/Issue	Response	Comment if Yes Response
Pesticide/Herbicide Use	☐ Yes ☒ No	
Polychlorinated Biphenyls	☐ Yes ☒ No	
Electrical Transformer	☐ Yes ☒ No	
Hydraulic Lift	☐ Yes ☒ No	
Elevator	☐ Yes ☒ No	
Drycleaner Business	☐ Yes ☒ No	
Asbestos	☐ Yes ☒ No	
Lead Paint	☐ Yes ☒ No	
Lead Piping/Lead in Water	☐ Yes ☒ No	
Elevated Radon Level	☐ Yes ☒ No	
Fluorescent Light Fixture	☐ Yes ☒ No	
Wetland, Flooding	☐ Yes ☒ No	
Unique Wildlife Species	☐ Yes ☒ No	
Archeological Resource	☐ Yes ☒ No	
Historic/National Landmark	☐ Yes ☒ No	
Oil/Gas Well	☐ Yes ☒ No	
Water Well	☐ Yes ☒ No	
Environmental Cleanup	☐ Yes ☒ No	
Environmental Permit	☐ Yes ☒ No	

■ OFF-SITE ENVIRONMENTAL CONDITIONS

On adjoining property, are there any: Gasoline Stations? ☐ Yes ☒ No Drycleaners? ☐ Yes ☒ No

Are you aware of any other environmental conditions or concerns on adjacent or nearby properties? ☐ Yes ☒ No

Comments

(1) Environmental cleanup liens that have been filed or recorded against the Site (Part 312.25 of Title 40 of the Code of Federal Regulations [40 CFR 312.25])

Are you aware of any environmental cleanup liens against the Site that have been filed or recorded under federal, tribal, state, or local law?

Unaware

(2) Activity and land use limitations that are in place at the Site or that have been filed or recorded in a registry (40 CFR 312.26)

Are you aware of any activity and land use limitation (such as engineering controls, land use restrictions, or institutional controls) that are in place at the Site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

Unaware

(3) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28)

As the user of the Phase I ESA Report, do you have any specialized knowledge or experience related to the Site or nearby properties? For example, are you involved in the same line of business as the current or former occupant(s) of the Site or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No

(4) Relationship of the purchase price to the fair market value of the Site if it were not contaminated (40 CFR 312.29)

Does the purchase price being paid for this Site reasonably reflect the fair market value of the Site? If you conclude that there is a difference between the purchase price and the fair market value, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Site?

Yes, fair market value

(5) Commonly known or reasonably ascertainable information about the property (40 CFR 312.30)

Are you aware of commonly known or reasonably ascertainable information about the Site that would help Farallon Consulting, L.L.C. to identify conditions indicative of a chemical or other release or threatened release? For example, as user of the Phase I ESA Report: Previous Phase I provided to Farallon

Do you know the past use(s) of the Site? (If yes, please specify.)

Retail

Do you know of a specific chemical(s) present at the Site, or present at one time? (If yes, please specify.) No

Do you know of a chemical and/or other spill(s) or release(s) that have taken place at the Site? (If yes, please specify.)

No

Do you know of any environmental cleanup(s) that have taken place at the Site? (If yes, please specify.)

No

(6) The degree of obviousness of the presence or likely presence of contamination at the Site, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31)

As the user of the Phase I ESA Report, based on your knowledge and experience related to the Site, is there any obvious indicator(s) that point to the presence or likely presence of contamination at the Site? (If yes, please specify.)

Unaware

Identify all parties who will rely on the Phase I ESA Report, including:

Name of Business: CASL Holdings, LLC

Name of Contact: Santiago Rodriguez

Address: 130 E. Randolph Street, Suite 2100, Chicago IL

Telephone Number: 217-305-0144

E-mail Address: SRodriguez@ca-ventures.com

Has any party that will rely on the Phase I ESA Report required services beyond the standard ASTM E1527-13? (For example, an asbestos, lead-based paint, lead in drinking water, or wetlands investigation) (If yes, please specify.)

Unaware

Who is the Site contact, and how can the contact be reached?

Name of Business:

Name of Contact: Contact Santiago Rodriguez for coordination with site contact.
SRodriguez@ca-ventures.com
217-305-0144

Address:

Telephone Number:

E-mail Address:

Are there any special terms and conditions that must be agreed upon by Farallon Consulting, L.L.C.? (If yes, please specify.)

Unaware

APPENDIX D
ENVIRONMENTAL DATABASE REPORT

PHASE I
ENVIRONMENTAL SITE ASSESSMENT REPORT
2060 Allston Way
Berkeley, California

Farallon PN: 2341-002

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*CA Ventures - 2060 Allston Way* *CA Ventures - 2060 Allston Way* *Berkeley CA 94704*
Project No:	*2341-002*
Report Type:	*Database Report*
Order No:	*21011300708*
Requested by:	*Farallon Consulting*
Date Completed:	*February 2, 2021*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property:	*CA Ventures - 2060 Allston Way* *CA Ventures - 2060 Allston Way Berkeley CA 94704*
Project No:	*2341-002*
Coordinates:	
Latitude:	*37.86878249*
Longitude:	*-122.26882625*
UTM Northing:	*4,191,508.22*
UTM Easting:	*564,309.75*
UTM Zone:	*UTM Zone 10S*
Elevation:	*183 FT*

Order Information:

Order No:	*21011300708*
Date Requested:	*January 13, 2021*
Requested by:	*Farallon Consulting*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (Boundaries)*
City Directory Search	*Smart CD Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
FRP	Y	0.25	0	0	0	-	-	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	**3**	**2**	-	**5**
RCRA LQG	Y	0.25	0	**4**	**3**	-	-	**7**
RCRA SQG	Y	0.25	0	**2**	**9**	-	-	**11**
RCRA VSQG	Y	0.25	0	**1**	**1**	-	-	**2**
RCRA NON GEN	Y	0.25	0	**18**	**28**	-	-	**46**
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
RESPONSE	Y	1	0	0	0	0	**1**	**1**
ENVIROSTOR	Y	1	0	0	**1**	**1**	**3**	**5**
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	0	0	0	-	0
HWP	Y	1	0	0	0	0	0	0
SWAT	Y	0.5	0	0	0	0	-	0
LDS	Y	0.5	0	0	0	0	-	0
LUST	Y	0.5	0	**4**	**16**	**28**	-	**48**
DELISTED LST	Y	0.5	0	0	**2**	0	-	**2**
SWRCB SWF	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	**3**	**2**	-	-	**5**
UST CLOSURE	Y	0.5	0	0	0	0	-	0
HHSS	Y	0.25	0	**3**	**6**	-	-	**9**
AST	Y	0.25	0	0	**1**	-	-	**1**
AST SWRCB	Y	0.25	0	0	0	-	-	0
TANK OIL GAS	Y	0.25	0	0	0	-	-	0
DELISTED TNK	Y	0.25	0	**2**	**2**	-	-	**4**
CERS TANK	Y	0.25	0	**3**	**3**	-	-	**6**
LUR	Y	0.5	0	0	0	0	-	0
HLUR	Y	0.5	0	0	0	0	-	0
DEED	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
CLEANUP SITES	Y	0.5	0	0	**2**	**4**	-	**6**
DELISTED COUNTY	Y	0.25	0	**1**	**1**	-	-	**2**
DELISTED CTNK	Y	0.25	0	0	0	-	-	0
HIST TANK	Y	0.25	0	**3**	**7**	-	-	**10**
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED ILST	Y	0.5	0	0	0	0	-	0
DELISTED IUST	Y	0.25	0	0	0	-	-	0
County								

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
ALAMEDA LOP	Y	0.5	0	0	0	0	-	0
UST ALAMEDA	Y	0.25	0	0	0	-	-	0
BERKELEY CUPA	Y	0.25	0	**47**	**35**	-	-	**82**
HAYWARD CUPA	Y	0.25	0	0	0	-	-	0
SANLEANDRO CUPA	Y	0.25	0	0	0	-	-	0
UNION UST	Y	0.25	0	0	0	-	-	0
UNION CUPA	Y	0.25	0	0	0	-	-	0
UNION CUPA	Y	0.25	0	0	0	-	-	0
LIVERMORE UST	Y	0.25	0	0	0	-	-	0
LIVERMORE AST	Y	0.25	0	0	0	-	-	0
LIVERMORE CUPA	Y	0.25	0	0	0	-	-	0

Additional Environmental Records

Federal

PFAS NPL	Y	0.5	0	0	0	0	-	0
FINDS/FRS	Y	PO	0	**1**	-	-	-	**1**
TRIS	Y	PO	0	-	-	-	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
ALT FUELS	Y	0.25	0	**5**	**1**	-	-	**6**

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
SSTS	Y	0.25	0	0	0	-	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	0	-	0
HWSS CLEANUP	Y	0.5	0	0	0	0	-	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	0	0
SCH	Y	1	0	0	0	0	0	0
CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	**17**	-	-	-	**17**
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HIST MANIFEST	Y	PO	0	**2**	-	-	-	**2**
HIST CORTESE	Y	0.5	0	0	0	0	-	0
CDO/CAO	Y	0.5	0	0	0	0	-	0
CERS HAZ	Y	0.125	0	**20**	-	-	-	**20**
DELISTED HAZ	Y	0.5	0	0	**2**	**4**	-	**6**
GEOTRACKER	Y	0.125	0	**1**	-	-	-	**1**
WASTE DISCHG	Y	0.25	0	0	0	-	-	0
EMISSIONS	Y	0.25	0	**8**	**13**	-	-	**21**
CDL	Y	0.125	0	0	-	-	-	0

Tribal — ***No Tribal additional environmental record sources available for this State.***

County — ***No County additional environmental databases were selected to be included in the search.***

Total:	*0*	***145***	***138***	***39***	***4***	***326***

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	HAZNET	BERKELEY CENTER	2065 KITTREDGE ST STE D3 BERKELEY CA 947041404	SE	0.00 / 17.63	-1	70
2	HAZNET	NFLP BERKELEY CENTER DE LLC	2070 ALSTON WAY BERKELEY CA 94704	N	0.00 / 19.44	-1	70
2	HAZNET	INNOMEDIA INC	2070 ALLSTON WY STE 200 BERKELEY CA 94704	N	0.00 / 19.44	-1	71
2	FINDS/FRS	ALAN KROPP & ASSOCIATESNA INC.	2070 ALLSTON WY STE 2 BERKELEY CA 94704	N	0.00 / 19.44	-1	71
2	BERKELEY CUPA	ALAN KROPP & ASSOCIATES, INC.	2070 Allston WAY STE 2 CA	N	0.00 / 19.44	-1	72
3	HAZNET	1X BERKELEY PUBLIC LIBRARY	2090 KITTRIDGE BERKELEY CA 947040000	SSE	0.01 / 38.35	-2	72
3	HAZNET	BERKELEY PUBLIC LIBRARY	2090 KITTREDGE BERKELEY CA 947040000	SSE	0.01 / 38.35	-2	72
3	HAZNET	CITY OF BERKELEY LIBRARY	2090 KITTRIDGE BERKELEY CA 947040000	SSE	0.01 / 38.35	-2	73
3	HAZNET	CITY OF BERKELEY PUBLIC LIBRARY	2090 KITTREDGE BERKELEY CA 947040000	SSE	0.01 / 38.35	-2	74
3	HAZNET	CITY OF BERKELEY	2090 KITTREBGE BERKELEY CA 947040000	SSE	0.01 / 38.35	-2	75
3	HAZNET	BERKELEY PUBLIC LIBRARY	2090 KITTREDGE BERKELEY CA 947040000	SSE	0.01 / 38.35	-2	76
3	HAZNET	BERKELEY PUBLIC LIBRARY	2090 KITTREDGE ST BERKELEY CA 947040000	SSE	0.01 / 38.35	-2	76

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
3	HIST MANIFEST		2090 KITTRIDGE BERKELEY CA 947040000	SSE	0.01 / 38.35	-2	77
4	HAZNET	ARMSTRONG UNIVERSITY	2222 HAROLD WAY BERKELEY CA 947040000	WSW	0.01 / 38.66	-5	77
4	HAZNET	ARMSTRONG PROPERTIES INC	2222 HAROLD WAY BERKELEY CA 947040000	WSW	0.01 / 38.66	-5	78
5	HAZNET	LIBRARY GARDENS GARAGE-81238	2020 KITTREDGE ST STE A BERKELEY CA 947041444	S	0.01 / 38.73	-3	79
5	HAZNET	2020 KITTREDGE LLC	2020 KITTREDGE ST BERKELEY CA 947041427	S	0.01 / 38.73	-3	79
6	HAZNET	DEJA VU PUBLISHING	2210 HAROLD WY BERKELEY CA 947040000	W	0.01 / 39.55	-5	80
6	HAZNET	DEJA VU PUBLISHING	2210 HAROLD WAY BERKELEY CA 947040000	W	0.01 / 39.55	-5	81
7	HAZNET	1X HOGLAND, BOGART & BERTERO	2043 ALLSTON WY BERKELEY CA 947040000	NW	0.01 / 73.05	-5	81
7	HIST MANIFEST		2043 ALLSTON WY BERKELEY CA 947040000	NW	0.01 / 73.05	-5	82
8	BERKELEY CUPA	HOTEL SHATTUCK PLAZA	2086 Allston WAY CA	NE	0.02 / 109.32	1	82
8	CERS HAZ	HOTEL SHATTUCK PLAZA	2086 ALLSTON WAY BERKELEY CA 94704	NE	0.02 / 109.32	1	83
9	BERKELEY CUPA	BURGER MEISTER	2237 Shattuck AVE CA	E	0.03 / 178.25	3	88
10	BERKELEY CUPA	ANGELINE'S LOUISIANA KITCHEN	2261 Shattuck AVE CA	ESE	0.04 / 186.87	2	88

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
10	CERS HAZ	ANGELINE'S LOUISIANA KITCHEN	2261 SHATTUCK AVE BERKELEY CA 94704	ESE	0.04 / 186.87	2	88
11	BERKELEY CUPA	BEC'S BAR & BISTRO	2271 SHATTUCK AVE CA	ESE	0.04 / 211.45	2	92
11	BERKELEY CUPA	BECKETT'S IRISH PUB	2271 SHATTUCK AVE CA	ESE	0.04 / 211.45	2	92
11	BERKELEY CUPA	Tupper and Reed	2271 Shattuck AVE CA	ESE	0.04 / 211.45	2	92
11	CERS HAZ	Tupper and Reed	2271 SHATTUCK AVE BERKELEY CA 94704	ESE	0.04 / 211.45	2	92
12	LUST	BERKELEY YMCA	2001 ALLSTON ST BERKELEY CA 94704	WNW	0.04 / 218.78	-8	95
			***Global ID	Status	Status Date:*** T0600101728	COMPLETED - CASE CLOSED	2/23/1994				
12	BERKELEY CUPA	BERKELEY YMCA	2001 Allston WAY CA	WNW	0.04 / 218.78	-8	98
12	CERS HAZ	BERKELEY YMCA	2001 ALLSTON WAY BERKELEY CA 94704	WNW	0.04 / 218.78	-8	98
13	BERKELEY CUPA	California Theatre	2113 Kittredge St CA	E	0.04 / 223.15	4	101
13	CERS HAZ	California Theatre	2113 KITTREDGE ST BERKELEY CA 94704	E	0.04 / 223.15	4	101
14	BERKELEY CUPA	Walgreens #15025	2190 Shattuck Ave CA	NE	0.05 / 238.88	3	104
14	CERS HAZ	Walgreens #15025	2190 SHATTUCK AVE BERKELEY CA 94704	NE	0.05 / 238.88	3	104
14	RCRA LQG	WALGREENS #15025	2190 SHATTUCK AVE BERKELEY CA 94704	NE	0.05 / 238.88	3	107
			EPA Handler ID: CAL000378647				
15	HHSS	MAIN POST OFFICE	2000 ALLSTON WAY BERKELEY CA 94704	WNW	0.05 / 272.66	-9	111

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
15	BERKELEY CUPA	UNITED STATES POSTAL SERVICE	2000 ALLSTON WAY CA	WNW	0.05 / 272.66	-9	111
15	HIST TANK	MAIN POST OFFICE	2000 ALLSTON WAY BERKELEY CA	WNW	0.05 / 272.66	-9	111
15	RCRA NON GEN	U. S. POSTAL SERVICE	2000 ALLSTON WAY BERKELEY CA 94704 ***EPA Handler ID:*** CAC003038554	WNW	0.05 / 272.66	-9	111
16	CERS HAZ	western pacific	2286 SHATTUCK AVE BERKELEY CA 94704	SE	0.05 / 273.99	0	112
17	CERS HAZ	UNITED ARTISTS BERKELEY 7 THEATRE	2274 SHATTUCK AVE BERKELEY CA 94704	SE	0.05 / 274.90	0	113
17	BERKELEY CUPA	UNITED ARTISTS BERKELEY 7 THEATRE	2274 Shattuck AVE CA	SE	0.05 / 274.90	0	116
18	BERKELEY CUPA	Target Store T3202	2187 Shattuck Ave CA	NE	0.06 / 293.00	5	116
18	BERKELEY CUPA	WALGREENS #3127	2187 SHATTUCK AVE CA	NE	0.06 / 293.00	5	117
18	RCRA VSQG	CVS PHARMACY #17673	2187 SHATTUCK AVE STE B BERKLEY CA 94704 ***EPA Handler ID:*** CAR000258913	NE	0.06 / 293.00	5	117
18	BERKELEY CUPA	CVS Pharmacy #17673	2187 Shattuck AVE Ste B CA	NE	0.06 / 293.00	5	119
18	CERS HAZ	CVS Pharmacy #17673	2187 SHATTUCK AVE STE B BERKELEY CA 94704	NE	0.06 / 293.00	5	120
18	CERS HAZ	Target Store T3202	2187 SHATTUCK AVE BERKELEY CA 94704	NE	0.06 / 293.00	5	121
18	RCRA LQG	TARGET STORE T3202	2187 SHATTUCK AVE BERKELEY CA 94705-0000 ***EPA Handler ID:*** CAR000016931	NE	0.06 / 293.00	5	125

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
19	BERKELEY CUPA	VTT/MSI THE MOLECULAR SCIENCES INSTITUTE	2168 SHATTUCK AVE STE 200 CA	NE	0.06 / 301.02	4	132
20	RCRA SQG	YAS AUTOMOTIVE INC	2000 KITTREDGE BERKELEY CA 94704 ***EPA Handler ID:*** CAD981572720	WSW	0.06 / 304.52	-13	132
21	BERKELEY CUPA	JUPITER LLC	2181 Shattuck AVE CA	NE	0.06 / 311.15	5	133
21	CERS HAZ	JUPITER LLC	2181 SHATTUCK AVE BERKELEY CA 94704	NE	0.06 / 311.15	5	134
22	BERKELEY CUPA	COLOR EXPRESS PHOTO LAB	2163 SHATTUCK AVE CA	NE	0.06 / 329.50	5	137
23	BERKELEY CUPA	City of Berkeley Central Library	2031 Bancroft Way CA	S	0.07 / 344.34	-9	137
23	CERS TANK	City of Berkeley Central Library	2031 BANCROFT WAY BERKELEY CA 94704 ***Site ID:*** 390041	S	0.07 / 344.34	-9	138
23	UST	City of Berkeley Central Library	2031 Bancroft Way Berkeley CA 94704	S	0.07 / 344.34	-9	145
23	EMISSIONS	CITY OF BERKELEY PUBLIC LIBRARY	2031 BANCROFT WAY BERKELEY CA 94704	S	0.07 / 344.34	-9	146
24	BERKELEY CUPA	Berkeley City College	2050 Center St CA	NNW	0.07 / 352.98	-5	146
24	BERKELEY CUPA	AMOROSO CONSTRUCTION JOB 664	2050 CENTER ST CA	NNW	0.07 / 352.98	-5	146
24	CERS HAZ	Berkeley City College	2050 CENTER ST BERKELEY CA 94704	NNW	0.07 / 352.98	-5	147
24	EMISSIONS	PERALTA COMMUNITY COLLEGE DISTRICT	2050 CENTER STREET BERKELEY CA 94704	NNW	0.07 / 352.98	-5	153

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
24	EMISSIONS	PERALTA COMMUNITY COLLEGE DIST	2050 CENTER STREET BERKELEY CA 94704	NNW	0.07 / 352.98	-5	154
24	RCRA NON GEN	BERKELEY CITY COLLEGE	2050 CENTER ST BERKELEY CA 94704-1205 **EPA Handler ID:** CAL000309228	NNW	0.07 / 352.98	-5	157
25	BERKELEY CUPA	Eureka! Berkeley	2068 Center St CA	N	0.07 / 355.36	-3	158
25	CERS HAZ	Eureka! Berkeley	2068 CENTER ST BERKELEY CA 94704	N	0.07 / 355.36	-3	158
26	BERKELEY CUPA	TASTY POT	2115 KITTREDGE ST CA	E	0.07 / 359.53	7	161
27	RCRA NON GEN	FIRST SHATTUCK LLC	2150 SHATTUCK AVE B100 BERKELEY CA 94704 **EPA Handler ID:** CAC003055420	NE	0.07 / 361.42	5	161
27	RCRA NON GEN	FIRST SHATTUCK LLC	2150 SHATTUCK AVE B100 BERKELEY CA 94704 **EPA Handler ID:** CAC003055813	NE	0.07 / 361.42	5	162
28	BERKELEY CUPA	BERKELEY CENTRAL	2055 Center ST CA	NNW	0.07 / 372.12	-5	163
28	BERKELEY CUPA	ARPEGGIO OF BERKELEY	2055 CENTER ST CA	NNW	0.07 / 372.12	-5	164
28	BERKELEY CUPA	PACIFIC STANDARD BY HALF MOON BREWING CO.	2055 Center ST CA	NNW	0.07 / 372.12	-5	164
28	CERS HAZ	BERKELEY CENTRAL	2055 CENTER ST BERKELEY CA 94704	NNW	0.07 / 372.12	-5	164
28	EMISSIONS	BERKELEY CENTRAL	2055 CENTER STREET BERKELEY CA 94704	NNW	0.07 / 372.12	-5	169
28	EMISSIONS	SNK CAPTEC ARPEGGIO, LLC /BER	2055 CENTER STREET BERKELEY CA 94704	NNW	0.07 / 372.12	-5	171

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
29	BERKELEY CUPA	RITZ CAMERA (CENTER ST.)	2065 CENTER ST CA	N	0.07 / 375.08	-3	171
30	ALT FUELS	CITYOFBERKELEY	2025 Center St Berkeley CA 94704	NW	0.07 / 379.86	-8	171
31	ALT FUELS	CITYOFBERKELEY	2033 Center St Berkeley CA 94704	NW	0.07 / 382.54	-8	172
32	CERS HAZ	City of Berkeley Center Street Garage	2025 CENTER ST BERKELEY CA 94704	NW	0.08 / 400.03	-9	172
32	BERKELEY CUPA	City of Berkeley Center Street Garage	2025 Center St CA	NW	0.08 / 400.03	-9	175
33	BERKELEY CUPA	BART BERKELEY SUBSTATION (RBE)	2160 Shattuck AVE CA	NNE	0.08 / 400.09	5	175
33	CERS HAZ	BART BERKELEY SUBSTATION (RBE)	2160 SHATTUCK AVE BERKELEY CA 94704	NNE	0.08 / 400.09	5	176
33	RCRA NON GEN	BART/BERKELEY STATION	2160 SHATTUCK AVE BERKELEY CA 94704-1307 ***EPA Handler ID:*** CAL000015940	NNE	0.08 / 400.09	5	178
34	RCRA SQG	BERKELEY CENTRAL DUP CITY OF	2180 MILVIA ST BERKELEY CA 94704 ***EPA Handler ID:*** CAD983652280	WNW	0.08 / 409.12	-12	179
34	BERKELEY CUPA	City of Berkeley Civic Center	2180 Milvia ST CA	WNW	0.08 / 409.12	-12	180
34	CERS HAZ	City of Berkeley Civic Center	2180 MILVIA STREET BERKELEY CA 94704	WNW	0.08 / 409.12	-12	180
34	EMISSIONS	CITY OF BERKELEY CIVIC CENTER	2180 MILVIA STREET BERKELEY CA 94704	WNW	0.08 / 409.12	-12	182
34	RCRA NON GEN	CITY OF BERKELEY	2180 MILVIA ST BERKELEY CA 94704	WNW	0.08 / 409.12	-12	185

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAC003059399				
35	RCRA NON GEN	2105 BANCROFT FEE OWNER CA, LLC	2105 BANCROF T WAY BERKELEY CA 94720	SE	0.08 / 415.56	2	186
			EPA Handler ID: CAC002972058				
35	RCRA NON GEN	2105 BANCROFT FEE OWNER CA, LLC	2105 BANCROFT WAY BERKELEY CA 94720	SE	0.08 / 415.56	2	187
			EPA Handler ID: CAC002976477				
36	ALT FUELS	CITYOFBERKELEY	2023 Center St Berkeley CA 94704	NW	0.08 / 416.11	-9	188
37	ALT FUELS	CITYOFBERKELEY	2015 Center St Berkeley CA 94704	NW	0.08 / 416.76	-9	188
38	LUST	AMERICAN RED CROSS	2116 ALLSTON WY BERKELEY CA 94704	ENE	0.08 / 442.87	9	189
			Global ID | Status | Status Date: T0600100071 | COMPLETED - CASE CLOSED | 5/12/1994				
39	RCRA NON GEN	BERKELEY USD BERKELEY HIGH SCHOOL	2246 MILVIA ST BERKELEY CA 94704	SW	0.09 / 470.57	-18	191
			EPA Handler ID: CAD981690662				
39	BERKELEY CUPA	BERKELEY HIGH SCHOOL WARM POOL	2246 MILVIA ST CA	SW	0.09 / 470.57	-18	192
40	BERKELEY CUPA	Downtown Berkeley Inn	2001 Bancroft WY CA	SW	0.09 / 474.32	-17	193
41	RCRA NON GEN	UNIVERSITY OF CALIFORNIA BERKELEY BANWAY BUILDING	2111 BANCROFT WAY BERKELEY CA 94720	ESE	0.09 / 494.06	7	193
			EPA Handler ID: CAP000201947				
41	RCRA NON GEN	UNIVERSITY OF CALIFORNIA BERKELEY, BANWAY BUILDING	2111 BANCROFT WAY BERKELEY CA 94720	ESE	0.09 / 494.06	7	194
			EPA Handler ID: CAC003077441				
42	RCRA LQG	CVS PHARMACY # 3026	2300 SHATTUCK AVE BERKELEY CA 94704	SSE	0.10 / 515.05	-1	196
			EPA Handler ID: CAR000120881				
42	BERKELEY CUPA	CVS Pharmacy #3026	2300 Shattuck Ave CA	SSE	0.10 / 515.05	-1	203

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
42	BERKELEY CUPA	LONGS DRUG STORE #496	2300 SHATTUCK AVE CA	SSE	0.10 / 515.05	-1	204
42	CERS HAZ	CVS PHARMACY #3026	2300 SHATTUCK AVE BERKELEY CA 94704	SSE	0.10 / 515.05	-1	204
43	BERKELEY CUPA	GEORGE M. OLDENBOURG, DDS	2140 SHATTUCK AVE STE 701 CA	NNE	0.10 / 520.68	6	208
43	BERKELEY CUPA	SPRINT NEXTEL CELL SITE CA0617	2140 SHATTUCK AVE CA	NNE	0.10 / 520.68	6	208
43	BERKELEY CUPA	SIMARJIT SINGH, DDS. INC.	2140 Shattuck AVE STE 701 CA	NNE	0.10 / 520.68	6	208
43	CERS HAZ	SIMARJIT SINGH, DDS. INC.	2140 SHATTUCK AVE STE 701 BERKELEY CA 94704	NNE	0.10 / 520.68	6	208
43	RCRA NON GEN	BOLLIBOKKA SHATTUCK, LLC	2140 SHATTUCK AVE BERKELEY CA 94704	NNE	0.10 / 520.68	6	210
			EPA Handler ID: CAC003039156				
43	RCRA NON GEN	BOLLIBOKKA SHATTUCK, LLC	2140 SHATTUCK AVE BERKELEY CA 94704-1210	NNE	0.10 / 520.68	6	211
			EPA Handler ID: CAC003066151				
44	LUST	PACIFIC BELL	2116 BANCROFT WY BERKELEY CA 94704	SE	0.10 / 538.35	5	212
			Global ID | Status | Status Date: T0600101021 | COMPLETED - CASE CLOSED | 6/25/1999				
44	DELISTED TNK	PACIFIC BELL SAFETY	2116 BANCROFT WAY BERKELEY CA 94704	SE	0.10 / 538.35	5	214
44	HHSS	PACIFIC BELL (Q2-002)	2116 BANCROFT WAY BERKELEY CA 94704	SE	0.10 / 538.35	5	215
44	BERKELEY CUPA	SPRINT NEXTEL CELL SITE	2116 BANCROFT WAY CA	SE	0.10 / 538.35	5	215
44	BERKELEY CUPA	T-MOBILE WEST CORPORATION	2116 BANCROFT WAY CA	SE	0.10 / 538.35	5	215

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
44	BERKELEY CUPA	AT&T CALIFORNIA - Q2002	2116 BANCROFT WAY CA	SE	0.10 / 538.35	5	215
44	BERKELEY CUPA	AT&T California - Q2002	2116 Bancroft Way CA	SE	0.10 / 538.35	5	215
44	UST	AT&T California - Q2002	2116 Bancroft Way Berkeley CA 94704 ***Facility ID:*** 219	SE	0.10 / 538.35	5	216
44	EMISSIONS	PACIFIC BELL	2116 BANCROFT WAY BERKELEY CA 94704	SE	0.10 / 538.35	5	216
44	HIST TANK	PACIFIC BELL (Q2-002)	2116 BANCROFT WAY BERKELEY CA	SE	0.10 / 538.35	5	222
44	CERS TANK	AT&T California - Q2002	2116 BANCROFT WAY BERKELEY CA 94704 ***Site ID:*** 434129	SE	0.10 / 538.35	5	222
44	RCRA LQG	PACIFIC BELL	2116 BANCROFT WAY BERKELEY CA 94704 ***EPA Handler ID:*** CAD054391776	SE	0.10 / 538.35	5	228
45	LUST	BERKELEY TOUCHLESS	2176 KITTREDGE STREET BERKELEY CA 94704 ***Global ID | Status | Status Date:*** T10000004535 | OPEN - SITE ASSESSMENT | 1/9/2013	E	0.10 / 547.41	14	229
45	HHSS	AUTOMOTIVE CITY	2176 KITTREDGE ST BERKELEY CA 94704	E	0.10 / 547.41	14	245
45	BERKELEY CUPA	BERKELEY TOUCHLESS CARWASH	2176 Kittredge ST CA	E	0.10 / 547.41	14	246
45	CERS TANK	BERKELEY TOUCHLESS CARWASH	2176 KITTREDGE ST BERKELEY CA 94704 ***Site ID:*** 11847	E	0.10 / 547.41	14	246
45	UST	BERKELEY TOUCHLESS CARWASH	2176 KITTREDGE ST BERKELEY CA 94704	E	0.10 / 547.41	14	256
45	HIST TANK	AUTOMOTIVE CITY	2176 KITTREDGE ST. BERKELEY CA	E	0.10 / 547.41	14	256
45	EMISSIONS	BERKELEY TOUCHLESS CARWASH	2176 KITTREDGE ST BERKELEY CA 94704	E	0.10 / 547.41	14	256

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
46	ALT FUELS	CITYOFBERKELEY	2165 Kittredge St Berkeley CA 94704	E	0.10 / 552.66	15	257
47	BERKELEY CUPA	Oxford Plaza	2175 KITTREDGE ST CA	E	0.11 / 556.24	16	258
48	BERKELEY CUPA	City of Berkeley Door-to-door HHW program	2118 Milvia ST STE 3rd f CA	NW	0.11 / 563.33	-12	258
48	DELISTED COUNTY	TEST FACILITY	2118 MILVIA ST CA	NW	0.11 / 563.33	-12	258
49	RCRA NON GEN	BERKELEY DOWNTOWN HOTEL OWNER LLC	2129 SHATTUCK AVE BERKELEY CA 94704 ***EPA Handler ID:*** CAC002988018	NNE	0.11 / 585.47	3	258
49	RCRA NON GEN	BERKELEY DOWNTOWN HOTEL LLC	2129 SHATTUCK AVENUE BERKELEY CA 94704 ***EPA Handler ID:*** CAC002969357	NNE	0.11 / 585.47	3	260
49	RCRA NON GEN	BERKELEY DOWNTOWN HOTEL OWNER LLC	2129 SHATTUCK AVE BERKELEY CA 94704 ***EPA Handler ID:*** CAP000289678	NNE	0.11 / 585.47	3	261
49	RCRA NON GEN	BERKELEY DOWNTOWN HOTEL OWNER LLC	2129 SHATTUCK AVE BERKELEY CA 94704 ***EPA Handler ID:*** CAC002996915	NNE	0.11 / 585.47	3	262
49	GEOTRACKER	BERKELEY DOWNTOWN HOTEL	2129 SHATTUCK AVE BERKELEY CA 94704	NNE	0.11 / 585.47	3	263
50	BERKELEY CUPA	REPRODUCTIVE TECHNOLOGIES DBA SPERM BANK OF CA	2115 Milvia ST STE 201 CA	NW	0.11 / 586.47	-11	264
50	CERS HAZ	REPRODUCTIVE TECHNOLOGIES DBA SPERM BANK OF CA	2115 MILVIA ST STE 201 BERKELEY CA 94704	NW	0.11 / 586.47	-11	264
51	DELISTED TNK	TOYOTA OF BERKELEY	2400 SHATTUCK AVE BERKELEY CA 94704	SSE	0.12 / 621.74	-2	267

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
52	BERKELEY CUPA	International Computer Science Institution	1947 center ST 600 CA	WNW	0.12 / 638.86	-16	267
52	RCRA NON GEN	CITY OF BERKELEY PUBLIC HEALTH CLINIC	1947 CENTER ST BERKELEY CA 94707	WNW	0.12 / 638.86	-16	267
			EPA Handler ID: CAC002997113				
53	BERKELEY CUPA	PETTINGELL BOOK BINDERY	2181 BANCROFT WAY CA	ESE	0.12 / 652.87	15	268
54	DELISTED HAZ	AT&T California - Q212X	2100 MILVIA ST BERKELEY CA 94704	NW	0.13 / 671.15	-11	269
54	BERKELEY CUPA	AT&T California - Q212X	2100 Milvia St CA	NW	0.13 / 671.15	-11	269
55	BERKELEY CUPA	HUSTEADS AUTO BODY.	2037 Durant AVE CA	S	0.13 / 673.42	-9	269
55	EMISSIONS	HUSTEAD'S INC	2037 DURANT AVENUE BERKELEY CA 94704	S	0.13 / 673.42	-9	270
55	EMISSIONS	HUSTEAD'S COLLISION CENTER	2037 DURANT AVENUE BERKELEY CA 94704	S	0.13 / 673.42	-9	272
55	EMISSIONS	HUSTEAD'S COLLISION CENTER	2037 DURANT AVE BERKELEY CA 94704	S	0.13 / 673.42	-9	278
55	RCRA SQG	HUSTEADS COLLISION CENTER	2037 DURANT AVE BERKELEY CA 94704	S	0.13 / 673.42	-9	278
			EPA Handler ID: CAD027915206				
56	RCRA SQG	AUTOMOTIVE UNLIMITED	2020 ADDISON ST BERKELEY CA 94704	NNW	0.13 / 675.01	-6	280
			EPA Handler ID: CAD981572787				
56	LUST	AUTOMOTIVE UNLIMITED	2020 ADDISON ST BERKELEY CA 94704	NNW	0.13 / 675.01	-6	281
			Global ID | Status | Status Date: T0600100130 | COMPLETED - CASE CLOSED | 9/29/1994				
57	RCRA SQG	STADIUM BODY SHOP	2026 ADDISON ST BERKELEY CA 94704	NNW	0.13 / 675.08	-5	284

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAD981371347				
57	EMISSIONS	STADIUM BODY SHOP	2026 ADDISON STREET BERKELEY CA 94704	NNW	0.13 / 675.08	-5	285
58	HHSS	EH AND S/DOFM	2223 FULTON STREET BERKELEY CA 94720	E	0.13 / 675.11	18	285
58	HHSS	HESSE HALL	2223 FULTON STREET, 4TH FLOOR BERKELEY CA 94720	E	0.13 / 675.11	18	286
58	HIST TANK	HESSE HALL	2223 FULTON STREET, 4TH FLOOR BERKELEY CA	E	0.13 / 675.11	18	286
58	HIST TANK	EH&S/DOFM	2223 FULTON STREET BERKELEY CA	E	0.13 / 675.11	18	286
59	LUST	ADDISON STREET PROPERTY	2040 ADDISON ST BERKELEY CA 94704	N	0.13 / 677.03	-1	286
			Global ID | Status | Status Date: T0600100026 | COMPLETED - CASE CLOSED | 12/1/1998				
60	RCRA TSD	2025 DURANT AVENUE, LLC	2025 DURANT AVENUE BERKELEY CA 94704	S	0.13 / 681.67	-14	289
			EPA Handler ID: CAC003018572				
60	RCRA NON GEN	2025 DURANT AVENUE, LLC	2025 DURANT AVENUE BERKELEY CA 94704	S	0.13 / 681.67	-14	290
			EPA Handler ID: CAC003018572				
61	DELISTED TNK	BERKELEY TOUCHLESS CHEVRON	2176 KITTREDGE ST BERKELEY CA 94704	ENE	0.13 / 690.18	15	291
62	LUST	TOLTEC PROPERTY	2148 CENTER ST BERKELEY CA 94704	NE	0.13 / 692.29	12	292
			Global ID | Status | Status Date: T0600101723 | COMPLETED - CASE CLOSED | 2/22/1994				
63	BERKELEY CUPA	BERKELEY REPERTORY THEATRE	2025 Addison ST CA	N	0.13 / 696.41	-1	294
64	RCRA NON GEN	BERKELEY UNIFIED SCHOOL DISTRICT	1950 ALLSTON WAY BERKELEY CA 94704	W	0.13 / 697.52	-19	294
			EPA Handler ID: CAL000382178				
65	ALT FUELS	CITYOFBERKELEY	2010 Addison St Berkeley CA 94704	NNW	0.13 / 698.11	-8	295

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
66	BERKELEY CUPA	The Durant	2024 Durant AVE CA	S	0.13 / 698.97	-13	296
66	RCRA NON GEN	VARSITY BERKELEY	2024 DURANT AVE BERKELEY CA 94704 ***EPA Handler ID:*** CAC002991290	S	0.13 / 698.97	-13	296
66	RCRA TSD	VARSITY APARTMENTS	2024 DURANT AVE BERKELEY CA 94704 ***EPA Handler ID:*** CAC003013509	S	0.13 / 698.97	-13	297
66	RCRA NON GEN	VARSITY APARTMENTS	2024 DURANT AVE BERKELEY CA 94704 ***EPA Handler ID:*** CAC003013509	S	0.13 / 698.97	-13	298
66	RCRA NON GEN	VARSITY APARTMENTS	2024 DURANT AVE BERKELEY CA 94704 ***EPA Handler ID:*** CAC003063031	S	0.13 / 698.97	-13	299
67	CLEANUP SITES	2009 TO 2015 ADDISON STREET	2009 ADDISON STREET BERKELEY CA 94704 ***Site Facility Type | Status:*** CLEANUP PROGRAM SITE | OPEN - INACTIVE	NNW	0.13 / 706.67	-8	300
68	RCRA NON GEN	STUART PRATT MANOR	2020 DURANT AVE, UNIT 201 BERKELEY CA 94704 ***EPA Handler ID:*** CAC002989026	SSW	0.14 / 719.02	-16	303
69	LUST	BERKELEY GLASS	2011 ADDISON ST BERKELEY CA 94704 ***Global ID | Status | Status Date:*** T0600100178 | COMPLETED - CASE CLOSED | 6/25/1999	NW	0.14 / 727.89	-8	304
70	BERKELEY CUPA	UC Berkeley - Berkeley Art Museum (BAM/PFA)	2155 Center ST CA	NE	0.14 / 736.87	14	310
71	BERKELEY CUPA	WESTERN DENTAL SERVICES, INC.	115 BERKELEY SQ CA	NNE	0.14 / 738.65	10	310
71	BERKELEY CUPA	WESTERN DENTAL SERVICES, INC	115 Berkeley SQ CA	NNE	0.14 / 738.65	10	310
71	RCRA NON GEN	WESTERN DENTAL SERVICES, INC.	115 BERKELEY SQ BERKELEY CA 94704-1206 ***EPA Handler ID:*** CAL000100721	NNE	0.14 / 738.65	10	311
72	RCRA SQG	REGGIE JACKSON CHEVROLET	2349 SHATTUCK AVE BERKELEY CA 94704	SSE	0.15 / 772.25	-2	312

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAD982478802				
73	RCRA NON GEN	BERKELEY UNIFIED SCHOOL DISTRICT	1930 ALLSTON WAY BERKELEY CA 94704	W	0.15 / 776.00	-22	313
			EPA Handler ID: CAC003067887				
73	RCRA NON GEN	BERKELEY UNIFIED SCHOOL DISTRICT	1930 ALLSTON WAY BERKELEY CA 94704	W	0.15 / 776.00	-22	314
			EPA Handler ID: CAC003085922				
74	BERKELEY CUPA	CAHILL CONTRACTORS, INC.	2200 OXFORD ST CA	ENE	0.15 / 785.24	20	315
75	BERKELEY CUPA	TOYOTA OF BERKELEY-DETAIL SHOP	2112 Durant AVE CA	SE	0.15 / 787.34	5	315
75	RCRA NON GEN	TOYOTA OF BERKELEY	2112 DURANT AVE BERKELEY CA 94704-0000	SE	0.15 / 787.34	5	316
			EPA Handler ID: CAL000091508				
76	RCRA SQG	BERKELEY LINCOLN MERCURY SALES INC	2352 SHATTUCK AVE BERKELEY CA 94704	SSE	0.15 / 790.60	-3	317
			EPA Handler ID: CAD981446693				
76	LUST	BERKELEY LINCOLN MERCURY	2352 SHATTUCK AVE BERKELEY CA 94704	SSE	0.15 / 790.60	-3	318
			Global ID | Status | Status Date: T0600100183 | COMPLETED - CASE CLOSED | 10/10/1989				
76	HHSS	NONE	2352 SHATTUCK AVENUE BERKELEY CA 94704	SSE	0.15 / 790.60	-3	324
76	BERKELEY CUPA	Staples the Office Superstore #1458	2352 Shattuck Ave CA	SSE	0.15 / 790.60	-3	324
76	HIST TANK	BERKELEY LINCOLN-MERCURY SALES	2352 SHATTUCK AVENUE BERKELEY CA	SSE	0.15 / 790.60	-3	324
76	RCRA NON GEN	STAPLES THE OFFICE SUPERSTORE EAST INC STORE 1458	2352 SHATTUCK AVE BERKELEY CA 94704	SSE	0.15 / 790.60	-3	325
			EPA Handler ID: CAL000390688				
76	RCRA NON GEN	CA-AG LOGAN PARK, LLC	2352 SHATTUCK AVENUE BERKELEY CA 94704	SSE	0.15 / 790.60	-3	326
			EPA Handler ID: CAC003064004				
76	RCRA NON GEN	CA/AG LOGAN PARK PROPERTY OWNER, LLC	2352 SHATTUCK AVE BERKELEY CA 94704	SSE	0.15 / 790.60	-3	327

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAC003048022				
77	LUST	JACKSON PROPERTY	2131 DURANT AVE BERKELEY CA 94704	SE	0.15 / 808.14	7	328
			***Global ID	Status	Status Date:*** T0600100749	COMPLETED - CASE CLOSED	9/29/1994				
78	BERKELEY CUPA	UC Berkeley - Tang Center	2200 Bancroft St CA	ESE	0.15 / 813.21	20	331
79	BERKELEY CUPA	CORNERSTONE CRAFT BEER	2367 SHATTUCK AVE CA	SSE	0.16 / 823.77	-3	331
80	BERKELEY CUPA	Berkeley Ace Hardware	2020 Milvia ST CA	NW	0.16 / 832.86	-8	331
81	RCRA NON GEN	USDA FS PSW EXPT STATION	1960 ADDISON ST BERKELEY CA 94701	NW	0.16 / 847.55	-13	331
			EPA Handler ID: CA1122390031				
81	LUST	STEAD BUILDING	1960 ADDISON ST BERKELEY CA 94704	NW	0.16 / 847.55	-13	333
			***Global ID	Status	Status Date:*** T0600101990	COMPLETED - CASE CLOSED	9/17/1996				
82	RCRA SQG	MAGGINI CHEVROLET	2140 DURANT AVE BERKELEY CA 94704	SE	0.16 / 856.15	9	335
			EPA Handler ID: CAD982003188				
82	LUST	GOSS ROSS DOYLE TRUST	2140 DURANT AVE BERKELEY CA 94709	SE	0.16 / 856.15	9	336
			***Global ID	Status	Status Date:*** T0600100658	COMPLETED - CASE CLOSED	7/28/1999				
82	RCRA VSQG	JODO SHINSHU CENTER- BUDDHIST CHURCHES OF AMERICA	2140 DURANT AVE BERKELEY CA 94704	SE	0.16 / 856.15	9	339
			EPA Handler ID: CAR000302422				
83	DELISTED TNK	SHELL - CAMPUS MINI-MART	2200 DURANT AVE BERKELEY CA 94704	ESE	0.16 / 859.04	25	340
84	RCRA SQG	HAMSEM TUNE UP	1933 ADDISON ST BERKELEY CA 94703	NW	0.16 / 864.12	-13	340
			EPA Handler ID: CAD981158868				
85	BERKELEY CUPA	PAPER HEAVEN	2018 SHATTUCK AVE CA	N	0.17 / 888.68	8	341

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
86	BERKELEY CUPA	ED'S BEST AUTO SERVICE	1931 Addison St, CA	NW	0.17 / 900.98	-14	341
87	BERKELEY CUPA	ZIBA PHOTO	64 SHATTUCK SQ CA	NNE	0.17 / 910.09	11	342
88	LUST	SOUTHSIDE PLAZA	2399 SHATTUCK AVE BERKELEY CA 94704	SSE	0.18 / 927.58	-3	342
			***Global ID	Status	Status Date:*** T0600101309 | COMPLETED - CASE CLOSED | 12/21/1990		
89	LUST	GERMANY BEST INC	1931-1935 ADDISON ST BERKELEY CA 94704	NW	0.18 / 944.81	-15	344
			***Global ID	Status	Status Date:*** T0600100641 | COMPLETED - CASE CLOSED | 10/12/2011		
90	RCRA LQG	TANG CENTER (UNIVERSITY HEALTH SERVICE)	2222 BANCROFT WAY BERKELEY CA 94720	ESE	0.18 / 958.38	27	352
			EPA Handler ID: CAR000120816				
91	RCRA LQG	UC BERKELEY ART MUSEUM AND PACIFIC FILM ARCHIVE	2120 OXFORD ST BERKELEY CA 94720	NE	0.18 / 969.58	20	354
			EPA Handler ID: CA0000303172				
92	BERKELEY CUPA	Comal	2020 Shattuck Ave CA	N	0.18 / 975.69	9	358
93	DELISTED LST	DON REINHARDS INC	1917 ADDISON ST BERKELEY CA 94704	WNW	0.19 / 987.06	-16	359
93	HHSS	DON AND REINHARDS INC	1917 ADDISON ST BERKELEY CA 94704	WNW	0.19 / 987.06	-16	359
93	HIST TANK	DON & REINHARDS INC	1917 ADDISON ST. BERKELEY CA	WNW	0.19 / 987.06	-16	359
94	RCRA NON GEN	2035 CHANNING WAY, LLC	2035 CHANNING WAY BERKELEY CA 94704	SSE	0.19 / 1,005.38	-9	359
			EPA Handler ID: CAC002987137				
95	LUST	GLM REAL ESTATE SERVICES	2029 CHANNING WY BERKELEY CA 94704	S	0.19 / 1,006.50	-12	360
			***Global ID	Status	Status Date:*** T0600100649 | COMPLETED - CASE CLOSED | 12/12/1994		
96	EMISSIONS	BERKELEY LINCOLN MERCURY SALES	2027 CHANNING WAY BERKELEY CA 94704	S	0.19 / 1,007.61	-13	363

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
96	EMISSIONS	HUSTEAD'S INC	2027 CHANNING WAY BERKELEY CA 94704	S	0.19 / 1,007.61	-13	363
97	BERKELEY CUPA	SPRINT NEXTEL CELL SITE- FN03XC010	2054 UNIVERSITY AVENUE #210 CA	NNW	0.19 / 1,016.47	5	364
98	BERKELEY CUPA	BUSD - BERKELEY HIGH SCHOOL	2223 Martin Luther King, Jr. WAY CA	W	0.19 / 1,022.29	-27	364
98	RCRA NON GEN	BERKELEY USD/ BERKELEY HIGH SCHOOL	2223 MARTIN LUTHER KING JR WAY BERKELEY CA 94704-1437 ***EPA Handler ID:*** CAL000279428	W	0.19 / 1,022.29	-27	364
99	LUST	UC BERKELEY CORP YARD	2000 MILVIA ST BERKELEY CA 94720 ***Global ID | Status | Status Date:*** T0600101400 | COMPLETED - CASE CLOSED | 1/24/1996	NNW	0.20 / 1,037.63	-1	366
100	DELISTED LST	TOYOTA OF BERKELEY	2400 SHATTUCK AVE BERKELEY CA 94704	SSE	0.20 / 1,046.44	0	368
101	BERKELEY CUPA	CITY OF BERKELEY-PUBLIC SAFETY BUILDING	2100 Martin Luther King, Jr. WAY CA	WNW	0.20 / 1,068.29	-25	368
101	CERS TANK	CITY OF BERKELEY-PUBLIC SAFETY BUILDING	2100 MARTIN LUTHER KING JR. WAY BERKELEY CA 94704 ***Site ID:*** 19433	WNW	0.20 / 1,068.29	-25	369
101	UST	CITY OF BERKELEY-PUBLIC SAFETY BUILDING	2100 MARTIN LUTHER KING JR. WAY BERKELEY CA 94704	WNW	0.20 / 1,068.29	-25	377
101	RCRA NON GEN	CITY OF BERKELEY PUBLIC SAFETY BUILDING	2100 MARTIN LUTHER KING JR WAY BERKELEY CA 94704-1109 ***EPA Handler ID:*** CAL000362245	WNW	0.20 / 1,068.29	-25	377
102	AST		2400 SHATTUCK AVE Berkeley CA	SSE	0.20 / 1,071.59	-5	378
102	BERKELEY CUPA	TOYOTA OF BERKELEY	2400 Shattuck AVE CA	SSE	0.20 / 1,071.59	-5	378

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
102	CERS TANK	TOYOTA OF BERKELEY	2400 SHATTUCK AVE BERKELEY CA 94710 ***Site ID:*** 162977	SSE	0.20 / 1,071.59	-5	379
102	HIST TANK	TOYOTA OF BERKELEY	2400 SHATTUCK AVE. BERKELEY CA	SSE	0.20 / 1,071.59	-5	383
102	RCRA LQG	TOYOTA OF BERKELEY	2400 SHATTUCK AVE BERKELEY CA 94704 ***EPA Handler ID:*** CAD981442767	SSE	0.20 / 1,071.59	-5	383
103	LUST	SHELL	2200 DURANT AVE BERKELEY CA 94704 ***Global ID | Status | Status Date:*** T0600101238 | COMPLETED - CASE CLOSED | 3/28/2013	ESE	0.20 / 1,072.00	14	384
103	BERKELEY CUPA	CAMPUS MINIMART	2200 Durant AVE CA	ESE	0.20 / 1,072.00	14	392
103	CERS TANK	CAMPUS MINIMART	2200 DURANT AVE BERKELEY CA 94704 ***Site ID:*** 102763	ESE	0.20 / 1,072.00	14	392
103	UST	CAMPUS MINIMART	2200 DURANT AVE BERKELEY CA 94704	ESE	0.20 / 1,072.00	14	400
103	EMISSIONS	SHELL OIL COMPANY	2200 DURANT AVENUE BERKELEY CA 94704	ESE	0.20 / 1,072.00	14	401
103	RCRA NON GEN	CAMPUS MINI MART	2200 DURANT AVE BERKELEY CA 94704 ***EPA Handler ID:*** CAL000275725	ESE	0.20 / 1,072.00	14	401
103	EMISSIONS	CAMPUS MINI-MART	2200 DURANT AVE BERKELEY CA 94704	ESE	0.20 / 1,072.00	14	402
104	BERKELEY CUPA	Verizon Wireless Berkeley Downtown	2199 Addison ST ROOF CA	NE	0.20 / 1,082.09	26	403
105	LUST	CA SCHOOL PROF PSYCHOLOGY	1900 ADDISON ST BERKELEY CA 94704 ***Global ID | Status | Status Date:*** T0600100238 | COMPLETED - CASE CLOSED | 1/30/1997	WNW	0.21 / 1,085.30	-19	403
106	LUST	FIRESTONE	1974 UNIVERSITY AVE BERKELEY CA 94704 ***Global ID | Status | Status Date:*** T0600101830 | COMPLETED - CASE CLOSED | 10/17/1995	NW	0.21 / 1,086.77	-2	409

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
106	HHSS	FIRESTONE 3656	1974 UNIVERSITY AV BERKELEY CA 94704	NW	0.21 / 1,086.77	-2	411
106	BERKELEY CUPA	FIRESTONE COMPLETE AUTO CARE #3656	1974 UNIVERSITY AVE CA	NW	0.21 / 1,086.77	-2	411
106	HIST TANK	FIRESTONE #3656	1974 UNIVERSITY AV. BERKELEY CA	NW	0.21 / 1,086.77	-2	411
106	RCRA NON GEN	FIRESTONE COMPLETE AUTO CARE # 3656	1974 UNIVERSITY AVE BERKELEY CA 94704 ***EPA Handler ID:*** CAL000364702	NW	0.21 / 1,086.77	-2	412
106	EMISSIONS	STONEFIRE APARTMENTS	1974 UNIVERSITY AVE BERKELEY CA 94704	NW	0.21 / 1,086.77	-2	413
107	LUST	CHEVRON	2401 SHATTUCK AVE BERKELEY CA 94704 ***Global ID | Status | Status Date:*** T0600101398 | COMPLETED - CASE CLOSED | 4/4/1994	SSE	0.21 / 1,108.62	-4	413
108	BERKELEY CUPA	MINUTEMAN PRESS	1995 UNIVERSITY AVE STE 118 CA	NW	0.22 / 1,140.78	-1	419
108	EMISSIONS	BERKELEY PRINTING LLC	1995 UNIVERSITY AVE, STE 118 BERKELEY CA 94704	NW	0.22 / 1,140.78	-1	419
108	EMISSIONS	GOLDEN BEAR CENTER	1995 UNIVERSITY AVE BERKELEY CA 94704	NW	0.22 / 1,140.78	-1	423
109	BERKELEY CUPA	MISSING LINK BICYCLE COOPERATIVE	1988 Shattuck AVE CA	N	0.22 / 1,159.72	13	426
109	DELISTED HAZ	MISSING LINK BICYCLE COOPERATIVE	1988 SHATTUCK AVE BERKELEY CA 94704	N	0.22 / 1,159.72	13	427
109	RCRA NON GEN	MISSING LINK BICYCLE COOPERATIVE	1988 SHATTUCK AVE BERKELEY CA 94704-0000 ***EPA Handler ID:*** CAL000380944	N	0.22 / 1,159.72	13	427
110	BERKELEY CUPA	BERKELEY COURTHOUSE Judicial Council of California, #01-G1	2120 Martin Luther King, Jr. WAY CA	WNW	0.22 / 1,159.78	-21	428

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
111	DELISTED COUNTY	MCDONALDS	1998 SHATTUCK AVE CA	N	0.22 / 1,172.41	14	428
111	BERKELEY CUPA	Mcdonalds	1998 Shattuck Ave CA	N	0.22 / 1,172.41	14	428
112	BERKELEY CUPA	Campus Dental Care	2136 UNIVERSITY AVE CA	NNE	0.22 / 1,175.03	16	429
113	RCRA SQG	ACHESON COMMONS	2123 UNIVERSITY AVE. BERKELEY CA 94704 ***EPA Handler ID:*** CAP000289280	NNE	0.23 / 1,194.55	15	429
113	RCRA SQG	MCRF ACHESON LLP	2123 UNIVERSITY AVE. BERKELEY CA 94704 ***EPA Handler ID:*** CAR000295790	NNE	0.23 / 1,194.55	15	430
114	RCRA NON GEN	JUDICIAL COUNCIL OF CALIFORNIA	BERKELEY COURTHOUSE 01-G1 2120 MARTIN LUTHER KING, JR. WAY BERKELEY CA 94704 ***EPA Handler ID:*** CAC002988754	WNW	0.23 / 1,198.84	-26	431
115	RCRA NON GEN	MCREF ACHESON LLC	2131 UNIVERSITY AVE. BERKELEY CA 94704 ***EPA Handler ID:*** CAC002973133	NNE	0.23 / 1,214.14	16	432
116	HHSS	GOODYEAR SERVICE CENTER	2099 MARTIN LUTHER KING JR WAY BERKELEY CA 94704	WNW	0.23 / 1,227.93	-19	433
116	BERKELEY CUPA	Berkeley Car Care East	2099 Martin Luther King, Jr. WAY CA	WNW	0.23 / 1,227.93	-19	433
116	HIST TANK	GOODYEAR SERVICE CENTER	2099 MARTIN LUTHER KING JR WAY BERKELEY CA	WNW	0.23 / 1,227.93	-19	434
117	EMISSIONS	CITY OF BERKELEY PUBLIC SAFETY	2100 MRTN LTHR KNG JR WAY BERKELEY CA 94704	WNW	0.23 / 1,233.81	-23	434
117	EMISSIONS	CITY OF BERKELEY PUBLIC SAFETY BUILDING	2100 MRTN LTHR KNG JR WAY BERKELEY CA 94704	WNW	0.23 / 1,233.81	-23	435

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
118	BERKELEY CUPA	COMCAST CABLE	1936 University AVE CA	NW	0.23 / 1,238.51	-7	437
119	BERKELEY CUPA	Spats	1974 Shattuck Ave CA	N	0.24 / 1,241.19	15	437
120	BERKELEY CUPA	BUTCHER'S SON	1941 UNIVERSITY AVE CA	NW	0.24 / 1,252.87	-6	437
121	BERKELEY CUPA	MISSING LINK BICYCLE COOPERATIVE	1961 SHATTUCK AVE CA	N	0.24 / 1,262.75	14	437
121	RCRA NON GEN	THE MISSING LINK BICYCLE COOPERATIVE	1961 SHATTUCK AVE BERKELEY CA 94704-1033 ***EPA Handler ID:*** CAL000381085	N	0.24 / 1,262.75	14	438
122	ENVIROSTOR	UNIVERSITY OF CALIFORNIA, BERKELEY - MAIN CAMPUS	317 UNIVERSITY HALL, MC 1150 BERKELEY CA 94720 ***Estor/EPA ID	Cleanup Status:*** 60001619 | INACTIVE - NEEDS EVALUATION AS OF 3/18/2011	NE	0.24 / 1,266.77	26	439
123	CLEANUP SITES	VACANT BUILDING/ FREDS MARKET	1929 UNIVERSITY AVENUE BERKELEY CA 94704 ***Site Facility Type	Status:*** CLEANUP PROGRAM SITE | COMPLETED - CASE CLOSED	NW	0.24 / 1,275.39	-7	440
124	RCRA TSD	MODERA ACHESON COMMONS	2131 UNIVERSITY AVENUE BERKELEY CA 94704 ***EPA Handler ID:*** CAC003008378	NNE	0.24 / 1,277.00	16	446
124	RCRA NON GEN	MODERA ACHESON COMMONS	2131 UNIVERSITY AVENUE BERKELEY CA 94704 ***EPA Handler ID:*** CAC003008378	NNE	0.24 / 1,277.00	16	447
124	RCRA NON GEN	HANS THIERING MASONRY	2131 UNIVERSITY AVE BERKELEY CA 94704 ***EPA Handler ID:*** CAL000447227	NNE	0.24 / 1,277.00	16	448
124	RCRA NON GEN	MCREF ACHESON LLC	2131 UNIVERSITY AVE BERKELEY CA 94704-1077 ***EPA Handler ID:*** CAC003034624	NNE	0.24 / 1,277.00	16	449
125	BERKELEY CUPA	Dollar Tree #03454	2440 Shattuck Ave CA	SSE	0.24 / 1,278.50	-6	450
125	RCRA NON GEN	DOLLAR TREE #03454	2440 SHATTUCK AVE BERKELEY CA 94704 ***EPA Handler ID:*** CAL000381241	SSE	0.24 / 1,278.50	-6	450

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
126	RCRA NON GEN	THE GREENLINING INSTITUTE	1918 UNIVERSITY AVENUE BERKELEY CA 94704 ***EPA Handler ID:*** CAC003054967	NW	0.25 / 1,306.01	-11	451
127	CLEANUP SITES	BRIDGE HOUSING CORPORATION	2012 BERKELEY WAY BERKELEY CA 94710 ***Site Facility Type	Status:*** CLEANUP PROGRAM SITE | OPEN - SITE ASSESSMENT	NNW	0.25 / 1,335.75	16	452
128	ENVIROSTOR	CALIF UNIVERSITY, LAWRENCE BERKELEY LAB	1 CYCLOTRON ROAD/ MS75B-101 BERKELEY CA 94720 ***Estor/EPA ID	Cleanup Status:*** 71003603 | REFER: RCRA AS OF 2/1/1999	NW	0.26 / 1,358.32	-12	475
129	LUST	FORMER EXXON 7-0200	1894 UNIVERSITY AVE BERKELEY CA 94704 ***Global ID	Status	Status Date:*** T0600101888 | OPEN - REMEDIATION | 11/7/2002	WNW	0.27 / 1,435.82	-17	476
130	DELISTED HAZ	JAMES A. NADOLNY, DDS	2234 CHANNING WAY BERKELEY CA 94704	ESE	0.28 / 1,453.78	23	502
131	LUST	UC BERKELEY SITE GARAGE	1952 OXFORD ST BERKELEY CA 94704 ***Global ID	Status	Status Date:*** T0600101407 | COMPLETED - CASE CLOSED | 9/22/2004	NNE	0.29 / 1,544.41	32	502
132	LUST	"1950 MLK, LLC"	1950 MARTIN LUTHER KING JR. WAY BERKELEY CA 94703 ***Global ID	Status	Status Date:*** T10000000212 | COMPLETED - CASE CLOSED | 7/1/2015	NW	0.29 / 1,549.34	-10	505
133	RCRA TSD	HEADLANDS VENTURES LLC DBA MIKES BIKES	1824 UNIVERSITY AVE BERKELEY CA 94703 ***EPA Handler ID:*** CAL000446663	WNW	0.30 / 1,573.41	-19	515
134	LUST	CA DHS LABRATORY FACILITY	2151 BERKELEY WY BERKELEY CA 94709 ***Global ID	Status	Status Date:*** T0600101914 | COMPLETED - CASE CLOSED | 1/9/1997	NNE	0.31 / 1,620.67	31	516
135	LUST	CHEVRON	2199 BERKELEY WY BERKELEY CA 94709 ***Global ID	Status	Status Date:*** T0600100314 | COMPLETED - CASE CLOSED | 5/1/2003	NNE	0.32 / 1,663.50	34	519
136	LUST	HERRICK HOSPITAL ALTA BATES	2001 DWIGHT WY BERKELEY CA 94704 ***Global ID	Status	Status Date:*** T0600100698 | COMPLETED - CASE CLOSED | 6/25/1999	S	0.32 / 1,670.35	-16	523
137	CLEANUP SITES	"2107 DWIGHT (AKA ""THE DWIGHT"")"	2107 DWIGHT WAY BERKELEY CA 94704 ***Site Facility Type	Status:*** CLEANUP PROGRAM SITE | COMPLETED - CASE CLOSED	SSE	0.32 / 1,675.07	-7	525
138	CLEANUP SITES	HADJIAN PROPERTY	1840/1894 UNIVERSITY AVENUE BERKELEY CA 94703	WNW	0.32 / 1,675.51	-22	533

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Site Facility Type*	*Status:*** CLEANUP PROGRAM SITE	OPEN - SITE ASSESSMENT		
139	LUST	UNKNOWN	2167-2183 DWIGHT WY BERKELEY CA	SSE	0.33 / 1,722.98	2	537
			***Global ID*	*Status*	*Status Date:*** T0600191731	COMPLETED - CASE CLOSED	11/8/2000		
140	LUST	OSCARS CAFE	1890 SHATTUCK AVE BERKELEY CA 94709	N	0.33 / 1,739.10	27	539
			***Global ID*	*Status*	*Status Date:*** T10000006536	COMPLETED - CASE CLOSED	7/26/2016		
141	LUST	EZ SERVE	1849 SHATTUCK AVE BERKELEY CA 94709	N	0.34 / 1,815.25	29	544
			***Global ID*	*Status*	*Status Date:*** T0600100482	COMPLETED - CASE CLOSED	8/6/1992		
142	LUST	COMMERCIAL PROPERTY	2201 DWIGHT WAY BERKELEY CA 94704	SE	0.35 / 1,828.21	9	547
			***Global ID*	*Status*	*Status Date:*** T0600109784	COMPLETED - CASE CLOSED	3/8/2004		
143	LUST	AVIS RENT A CAR	1900 OXFORD ST BERKELEY CA 94704	NNE	0.35 / 1,841.70	38	553
			***Global ID*	*Status*	*Status Date:*** T0600100958	COMPLETED - CASE CLOSED	8/31/1998		
144	LUST	REGAL	1801 UNIVERSITY AVE BERKELEY CA 94703	WNW	0.35 / 1,857.69	-26	558
			***Global ID*	*Status*	*Status Date:*** T0600101129	COMPLETED - CASE CLOSED	5/21/1996		
145	LUST	KAYO OIL	1900 MARTIN LUTHER KING BERKELEY CA 94704	NW	0.35 / 1,863.43	-5	560
			***Global ID*	*Status*	*Status Date:*** T0600100787	COMPLETED - CASE CLOSED	4/21/2005		
145	LUST	NUMBER 1 GAS	1900 MARTIN LUTHER KING JR. WAY BERKELEY CA 94703	NW	0.35 / 1,863.43	-5	563
			***Global ID*	*Status*	*Status Date:*** T0600154182	COMPLETED - CASE CLOSED	4/21/2005		
146	RCRA TSD	LARIJANI	1919 DWIGHT WAY BERKELEY CA 94704	SSW	0.37 / 1,931.15	-36	565
			EPA Handler ID: CAL000444911				
147	LUST	FORMER MOBIL OIL	2489 MARTIN LUTHER KING JR. WAY BERKELEY CA 94704	SSW	0.37 / 1,970.79	-44	566
			***Global ID*	*Status*	*Status Date:*** T0600113701	COMPLETED - CASE CLOSED	6/27/2005		
148	DELISTED HAZ	Townie	1799 UNIVERSITY AVE BERKELEY CA 94703	WNW	0.37 / 1,974.06	-28	570
149	LUST	KALMAR PROPERTY	2034 BLAKE ST BERKELEY CA 94704	S	0.38 / 2,021.73	-18	570
			***Global ID*	*Status*	*Status Date:*** T0600100782	COMPLETED - CASE CLOSED	6/25/1999		
150	LUST	TEXACO	1899 OXFORD ST BERKELEY CA 94704	NNE	0.39 / 2,043.47	42	572
			***Global ID*	*Status*	*Status Date:*** T0600101341	COMPLETED - CASE CLOSED	10/21/1997		

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
151	LUST	TOYOTA FLYNN TRUST	2555 SHATTUCK AVE BERKELEY CA 94704	SSE	0.39 / 2,050.78	-11	575
			***Global ID	Status	Status Date:*** T0600101377	COMPLETED - CASE CLOSED	8/18/1994				
152	LUST	SHIELD HEALTHCARE	2567 SHATTUCK AVE BERKELEY CA 94704	SSE	0.40 / 2,132.67	-12	578
			***Global ID	Status	Status Date:*** T0600101280	COMPLETED - CASE CLOSED	1/1/1999				
153	LUST	CHEVRON	2500 MARTIN LUTHER KING BERKELEY CA 94704	SSW	0.40 / 2,135.48	-46	580
			***Global ID	Status	Status Date:*** T0600100321	COMPLETED - CASE CLOSED	2/15/2000				
153	DELISTED HAZ	BACK IN ACTION	2500 MARTIN LUTHER KING JR. WAY BERKELEY CA 94704	SSW	0.40 / 2,135.48	-46	597
154	CLEANUP SITES	PRIVATE RESIDENCE	PRIVATE RESIDENCE BERKELEY CA 94703	W	0.41 / 2,159.34	-50	597
			***Site Facility Type	Status:*** CLEANUP PROGRAM SITE	COMPLETED - CASE CLOSED						
155	LUST	FORMER CHEVRON	1797 SHATTUCK AVE BERKELEY CA 94704	N	0.41 / 2,178.88	37	600
			***Global ID	Status	Status Date:*** T0600100306	COMPLETED - CASE CLOSED	6/8/2012				
156	LUST	APARTMENT BUILDING	1846 SPRUCE ST BERKELEY CA 94704	NNE	0.42 / 2,225.30	59	610
			***Global ID	Status	Status Date:*** T0600102173	COMPLETED - CASE CLOSED	6/25/1999				
157	LUST	SHELL	1752 SHATTUCK AVE BERKELEY CA 94709	N	0.43 / 2,267.37	40	613
			***Global ID	Status	Status Date:*** T0600101229	COMPLETED - CASE CLOSED	11/2/1994				
158	LUST	URBAN DESIGNS	1812 DWIGHT WY BERKELEY CA 94704	SW	0.45 / 2,376.43	-58	615
			***Global ID	Status	Status Date:*** T0600101495	OPEN - ELIGIBLE FOR CLOSURE	1/16/2020				
159	LUST	CSM PROPERTIES	1890 ARCH ST BERKELEY CA 94709	NE	0.46 / 2,446.80	84	633
			***Global ID	Status	Status Date:*** T0600102182	COMPLETED - CASE CLOSED	6/25/1999				
160	LUST	BERKELEY HONDA	2600 SHATTUCK BERKELEY CA 94704	SSE	0.48 / 2,516.49	-18	635
			***Global ID	Status	Status Date:*** T0600118745	COMPLETED - CASE CLOSED	1/12/2007				
160	DELISTED HAZ	BERKELEY HONDA	2600 SHATTUCK AVE BERKELEY CA 94704	SSE	0.48 / 2,516.49	-18	638
161	LUST	TUNE UP MASTERS	1698 UNIVERSITY STREET BERKELEY CA 94703	WNW	0.48 / 2,556.67	-42	638
			***Global ID	Status	Status Date:*** T0600120406	COMPLETED - CASE CLOSED	3/31/2003				
162	LUST	MIKE AUTO SERVICE	1699 UNIVERSITY AVE BERKELEY CA 94703	WNW	0.49 / 2,570.10	-41	641

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			***Global ID*	*Status*	*Status Date:*** T0600100707 | COMPLETED - CASE CLOSED | 2/5/1998			
163	RESPONSE	VIRGINIA CLEANERS	1667 SHATTUCK AVENUE BERKELEY CA 94709	N	0.53 / 2,820.10	51	644
			***Estor/EPA ID*	*Cleanup Status:*** 01720108 | NO FURTHER ACTION AS OF 12/18/1987			
163	ENVIROSTOR	VIRGINIA CLEANERS	1667 SHATTUCK AVENUE BERKELEY CA 94709	N	0.53 / 2,820.10	51	645
			***Estor/EPA ID*	*Cleanup Status:*** 01720108 | NO FURTHER ACTION AS OF 12/18/1987			
164	ENVIROSTOR	VIRGINIA CLEANERS	1650 SHATTUCK AVENUE BERKELEY CA 94709	N	0.59 / 3,105.73	55	647
			***Estor/EPA ID*	*Cleanup Status:*** 60002969 | ACTIVE AS OF 7/1/2020			
165	ENVIROSTOR	FORMER CAL CLEANERS	2529-2533 TELEGRAPH AVENUE BERKELEY CA 94710	ESE	0.62 / 3,280.82	61	649
			***Estor/EPA ID*	*Cleanup Status:*** 60001043 | REFER: 1248 LOCAL AGENCY AS OF 2/14/2008			

Executive Summary: Summary by Data Source

Standard

Federal

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Oct 19, 2020 has found that there are 5 RCRA TSD site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MODERA ACHESON COMMONS	2131 UNIVERSITY AVENUE BERKELEY CA 94704 ***EPA Handler ID**: CAC003008378*	NNE	0.24 / 1,277.00	124

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
2025 DURANT AVENUE, LLC	2025 DURANT AVENUE BERKELEY CA 94704 ***EPA Handler ID**: CAC003018572*	S	0.13 / 681.67	60
VARSITY APARTMENTS	2024 DURANT AVE BERKELEY CA 94704 ***EPA Handler ID**: CAC003013509*	S	0.13 / 698.97	66
HEADLANDS VENTURES LLC DBA MIKES BIKES	1824 UNIVERSITY AVE BERKELEY CA 94703 ***EPA Handler ID**: CAL000446663*	WNW	0.30 / 1,573.41	133
LARIJANI	1919 DWIGHT WAY BERKELEY CA 94704 ***EPA Handler ID**: CAL000444911*	SSW	0.37 / 1,931.15	146

RCRA LQG - RCRA Generator List

A search of the RCRA LQG database, dated Oct 19, 2020 has found that there are 7 RCRA LQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
WALGREENS #15025	2190 SHATTUCK AVE BERKELEY CA 94704 ***EPA Handler ID**: CAL000378647*	NE	0.05 / 238.88	14
TARGET STORE T3202	2187 SHATTUCK AVE BERKELEY CA 94705-0000 ***EPA Handler ID**: CAR000016931*	NE	0.06 / 293.00	18
PACIFIC BELL	2116 BANCROFT WAY BERKELEY CA 94704	SE	0.10 / 538.35	44

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: CAD054391776*			
TANG CENTER (UNIVERSITY HEALTH SERVICE)	2222 BANCROFT WAY BERKELEY CA 94720	ESE	0.18 / 958.38	90
	***EPA Handler ID**: CAR000120816*			
UC BERKELEY ART MUSEUM AND PACIFIC FILM ARCHIVE	2120 OXFORD ST BERKELEY CA 94720	NE	0.18 / 969.58	91
	***EPA Handler ID**: CA0000303172*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CVS PHARMACY # 3026	2300 SHATTUCK AVE BERKELEY CA 94704	SSE	0.10 / 515.05	42
	***EPA Handler ID**: CAR000120881*			
TOYOTA OF BERKELEY	2400 SHATTUCK AVE BERKELEY CA 94704	SSE	0.20 / 1,071.59	102
	***EPA Handler ID**: CAD981442767*			

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Oct 19, 2020 has found that there are 11 RCRA SQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MAGGINI CHEVROLET	2140 DURANT AVE BERKELEY CA 94704	SE	0.16 / 856.15	82
	***EPA Handler ID**: CAD982003188*			
ACHESON COMMONS	2123 UNIVERSITY AVE. BERKELEY CA 94704	NNE	0.23 / 1,194.55	113
	***EPA Handler ID**: CAP000289280*			
MCRF ACHESON LLP	2123 UNIVERSITY AVE. BERKELEY CA 94704	NNE	0.23 / 1,194.55	113
	***EPA Handler ID**: CAR000295790*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
YAS AUTOMOTIVE INC	2000 KITTREDGE BERKELEY CA 94704	WSW	0.06 / 304.52	20
	***EPA Handler ID**: CAD981572720*			
BERKELEY CENTRAL DUP CITY OF	2180 MILIVIA ST BERKELEY CA 94704	WNW	0.08 / 409.12	34
	***EPA Handler ID**: CAD983652280*			
HUSTEADS COLLISION CENTER	2037 DURANT AVE BERKELEY CA 94704	S	0.13 / 673.42	55
	***EPA Handler ID**: CAD027915206*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
AUTOMOTIVE UNLIMITED	2020 ADDISON ST BERKELEY CA 94704 ***EPA Handler ID**: CAD981572787*	NNW	0.13 / 675.01	56
STADIUM BODY SHOP	2026 ADDISON ST BERKELEY CA 94704 ***EPA Handler ID**: CAD981371347*	NNW	0.13 / 675.08	57
REGGIE JACKSON CHEVROLET	2349 SHATTUCK AVE BERKELEY CA 94704 ***EPA Handler ID**: CAD982478802*	SSE	0.15 / 772.25	72
BERKELEY LINCOLN MERCURY SALES INC	2352 SHATTUCK AVE BERKELEY CA 94704 ***EPA Handler ID**: CAD981446693*	SSE	0.15 / 790.60	76
HAMSEM TUNE UP	1933 ADDISON ST BERKELEY CA 94703 ***EPA Handler ID**: CAD981158868*	NW	0.16 / 864.12	84

RCRA VSQG - RCRA Very Small Quantity Generators List

A search of the RCRA VSQG database, dated Oct 19, 2020 has found that there are 2 RCRA VSQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CVS PHARMACY #17673	2187 SHATTUCK AVE STE B BERKLEY CA 94704 ***EPA Handler ID**: CAR000258913*	NE	0.06 / 293.00	18
JODO SHINSHU CENTER-BUDDHIST CHURCHES OF AMERICA	2140 DURANT AVE BERKELEY CA 94704 ***EPA Handler ID**: CAR000302422*	SE	0.16 / 856.15	82

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Oct 19, 2020 has found that there are 46 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FIRST SHATTUCK LLC	2150 SHATTUCK AVE B100 BERKELEY CA 94704 ***EPA Handler ID**: CAC003055420*	NE	0.07 / 361.42	27
FIRST SHATTUCK LLC	2150 SHATTUCK AVE B100 BERKELEY CA 94704 ***EPA Handler ID**: CAC003055813*	NE	0.07 / 361.42	27
BART/BERKELEY STATION	2160 SHATTUCK AVE BERKELEY CA 94704-1307	NNE	0.08 / 400.09	33

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: CAL000015940*			
2105 BANCROFT FEE OWNER CA, LLC	2105 BANCROF T WAY BERKELEY CA 94720	SE	0.08 / 415.56	35
	***EPA Handler ID**: CAC002972058*			
2105 BANCROFT FEE OWNER CA, LLC	2105 BANCROFT WAY BERKELEY CA 94720	SE	0.08 / 415.56	35
	***EPA Handler ID**: CAC002976477*			
UNIVERSITY OF CALIFORNIA BERKELEY BANWAY BUILDING	2111 BANCROFT WAY BERKELEY CA 94720	ESE	0.09 / 494.06	41
	***EPA Handler ID**: CAP000201947*			
UNIVERSITY OF CALIFORNIA BERKELEY, BANWAY BUILDING	2111 BANCROFT WAY BERKELEY CA 94720	ESE	0.09 / 494.06	41
	***EPA Handler ID**: CAC003077441*			
BOLLIBOKKA SHATTUCK, LLC	2140 SHATTUCK AVE BERKELEY CA 94704	NNE	0.10 / 520.68	43
	***EPA Handler ID**: CAC003039156*			
BOLLIBOKKA SHATTUCK, LLC	2140 SHATTUCK AVE BERKELEY CA 94704-1210	NNE	0.10 / 520.68	43
	***EPA Handler ID**: CAC003066151*			
BERKELEY DOWNTOWN HOTEL OWNER LLC	2129 SHATTUCK AVE BERKELEY CA 94704	NNE	0.11 / 585.47	49
	***EPA Handler ID**: CAC002988018*			
BERKELEY DOWNTOWN HOTEL LLC	2129 SHATTUCK AVENUE BERKELEY CA 94704	NNE	0.11 / 585.47	49
	***EPA Handler ID**: CAC002969357*			
BERKELEY DOWNTOWN HOTEL OWNER LLC	2129 SHATTUCK AVE BERKELEY CA 94704	NNE	0.11 / 585.47	49
	***EPA Handler ID**: CAP000289678*			
BERKELEY DOWNTOWN HOTEL OWNER LLC	2129 SHATTUCK AVE BERKELEY CA 94704	NNE	0.11 / 585.47	49
	***EPA Handler ID**: CAC002996915*			
WESTERN DENTAL SERVICES, INC.	115 BERKELEY SQ BERKELEY CA 94704-1206	NNE	0.14 / 738.65	71
	***EPA Handler ID**: CAL000100721*			
TOYOTA OF BERKELEY	2112 DURANT AVE BERKELEY CA 94704-0000	SE	0.15 / 787.34	75
	***EPA Handler ID**: CAL000091508*			
CAMPUS MINI MART	2200 DURANT AVE BERKELEY CA 94704	ESE	0.20 / 1,072.00	103

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
	***EPA Handler ID**: CAL000275725*			
MISSING LINK BICYCLE COOPERATIVE	1988 SHATTUCK AVE BERKELEY CA 94704-0000	N	0.22 / 1,159.72	109
	***EPA Handler ID**: CAL000380944*			
MCREF ACHESON LLC	2131 UNIVERSITY AVE. BERKELEY CA 94704	NNE	0.23 / 1,214.14	115
	***EPA Handler ID**: CAC002973133*			
THE MISSING LINK BICYCLE COOPERATIVE	1961 SHATTUCK AVE BERKELEY CA 94704-1033	N	0.24 / 1,262.75	121
	***EPA Handler ID**: CAL000381085*			
MODERA ACHESON COMMONS	2131 UNIVERSITY AVENUE BERKELEY CA 94704	NNE	0.24 / 1,277.00	124
	***EPA Handler ID**: CAC003008378*			
HANS THIERING MASONRY	2131 UNIVERSITY AVE BERKELEY CA 94704	NNE	0.24 / 1,277.00	124
	***EPA Handler ID**: CAL000447227*			
MCREF ACHESON LLC	2131 UNIVERSITY AVE BERKELEY CA 94704-1077	NNE	0.24 / 1,277.00	124
	***EPA Handler ID**: CAC003034624*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
U. S. POSTAL SERVICE	2000 ALLSTON WAY BERKELEY CA 94704	WNW	0.05 / 272.66	15
	***EPA Handler ID**: CAC003038554*			
BERKELEY CITY COLLEGE	2050 CENTER ST BERKELEY CA 94704-1205	NNW	0.07 / 352.98	24
	***EPA Handler ID**: CAL000309228*			
CITY OF BERKELEY	2180 MILVIA ST BERKELEY CA 94704	WNW	0.08 / 409.12	34
	***EPA Handler ID**: CAC003059399*			
BERKELEY USD BERKELEY HIGH SCHOOL	2246 MILVIA ST BERKELEY CA 94704	SW	0.09 / 470.57	39
	***EPA Handler ID**: CAD981690662*			
CITY OF BERKELEY PUBLIC HEALTH CLINIC	1947 CENTER ST BERKELEY CA 94707	WNW	0.12 / 638.86	52
	***EPA Handler ID**: CAC002997113*			
2025 DURANT AVENUE, LLC	2025 DURANT AVENUE BERKELEY CA 94704	S	0.13 / 681.67	60
	***EPA Handler ID**: CAC003018572*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BERKELEY UNIFIED SCHOOL DISTRICT	1950 ALLSTON WAY BERKELEY CA 94704 ***EPA Handler ID**: CAL000382178*	W	0.13 / 697.52	64
VARSITY BERKELEY	2024 DURANT AVE BERKELEY CA 94704 ***EPA Handler ID**: CAC002991290*	S	0.13 / 698.97	66
VARSITY APARTMENTS	2024 DURANT AVE BERKELEY CA 94704 ***EPA Handler ID**: CAC003013509*	S	0.13 / 698.97	66
VARSITY APARTMENTS	2024 DURANT AVE BERKELEY CA 94704 ***EPA Handler ID**: CAC003063031*	S	0.13 / 698.97	66
STUART PRATT MANOR	2020 DURANT AVE, UNIT 201 BERKELEY CA 94704 ***EPA Handler ID**: CAC002989026*	SSW	0.14 / 719.02	68
BERKELEY UNIFIED SCHOOL DISTRICT	1930 ALLSTON WAY BERKELEY CA 94704 ***EPA Handler ID**: CAC003067887*	W	0.15 / 776.00	73
BERKELEY UNIFIED SCHOOL DISTRICT	1930 ALLSTON WAY BERKELEY CA 94704 ***EPA Handler ID**: CAC003085922*	W	0.15 / 776.00	73
STAPLES THE OFFICE SUPERSTORE EAST INC STORE 1458	2352 SHATTUCK AVE BERKELEY CA 94704 ***EPA Handler ID**: CAL000390688*	SSE	0.15 / 790.60	76
CA-AG LOGAN PARK, LLC	2352 SHATTUCK AVENUE BERKELEY CA 94704 ***EPA Handler ID**: CAC003064004*	SSE	0.15 / 790.60	76
CA/AG LOGAN PARK PROPERTY OWNER, LLC	2352 SHATTUCK AVE BERKELEY CA 94704 ***EPA Handler ID**: CAC003048022*	SSE	0.15 / 790.60	76
USDA FS PSW EXPT STATION	1960 ADDISON ST BERKELEY CA 94701 ***EPA Handler ID**: CA1122390031*	NW	0.16 / 847.55	81
2035 CHANNING WAY, LLC	2035 CHANNING WAY BERKELEY CA 94704 ***EPA Handler ID**: CAC002987137*	SSE	0.19 / 1,005.38	94
BERKELEY USD/ BERKELEY HIGH SCHOOL	2223 MARTIN LUTHER KING JR WAY BERKELEY CA 94704-1437 ***EPA Handler ID**: CAL000279428*	W	0.19 / 1,022.29	98

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITY OF BERKELEY PUBLIC SAFETY BUILDING	2100 MARTIN LUTHER KING JR WAY BERKELEY CA 94704-1109 ***EPA Handler ID**: CAL000362245*	WNW	0.20 / 1,068.29	101
FIRESTONE COMPLETE AUTO CARE # 3656	1974 UNIVERSITY AVE BERKELEY CA 94704 ***EPA Handler ID**: CAL000364702*	NW	0.21 / 1,086.77	106
JUDICIAL COUNCIL OF CALIFORNIA	BERKELEY COURTHOUSE 01-G1 2120 MARTIN LUTHER KING, JR. WAY BERKELEY CA 94704 ***EPA Handler ID**: CAC002988754*	WNW	0.23 / 1,198.84	114
DOLLAR TREE #03454	2440 SHATTUCK AVE BERKELEY CA 94704 ***EPA Handler ID**: CAL000381241*	SSE	0.24 / 1,278.50	125
THE GREENLINING INSTITUTE	1918 UNIVERSITY AVENUE BERKELEY CA 94704 ***EPA Handler ID**: CAC003054967*	NW	0.25 / 1,306.01	126

State

RESPONSE - State Response Sites

A search of the RESPONSE database, dated Jan 13, 2021 has found that there are 1 RESPONSE site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
VIRGINIA CLEANERS	1667 SHATTUCK AVENUE BERKELEY CA 94709 ***Estor/EPA ID	Cleanup Status**: *01720108	NO FURTHER ACTION AS OF 12/18/1987*	N	0.53 / 2,820.10	163

ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Jan 13, 2021 has found that there are 5 ENVIROSTOR site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNIVERSITY OF CALIFORNIA, BERKELEY - MAIN CAMPUS	317 UNIVERSITY HALL, MC 1150 BERKELEY CA 94720 ***Estor/EPA ID	Cleanup Status**: *60001619	INACTIVE - NEEDS EVALUATION AS OF 3/18/2011*	NE	0.24 / 1,266.77	122
VIRGINIA CLEANERS	1667 SHATTUCK AVENUE BERKELEY CA 94709 ***Estor/EPA ID	Cleanup Status**: *01720108	NO FURTHER ACTION AS OF 12/18/1987*	N	0.53 / 2,820.10	163
VIRGINIA CLEANERS	1650 SHATTUCK AVENUE BERKELEY CA 94709 ***Estor/EPA ID	Cleanup Status**: *60002969	ACTIVE AS OF 7/1/2020*	N	0.59 / 3,105.73	164

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
FORMER CAL CLEANERS	2529-2533 TELEGRAPH AVENUE BERKELEY CA 94710	ESE	0.62 / 3,280.82	165
	Estor/EPA ID* | *Cleanup Status: *60001043* | *REFER: 1248 LOCAL AGENCY AS OF 2/14/2008*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CALIF UNIVERSITY, LAWRENCE BERKELEY LAB	1 CYCLOTRON ROAD/ MS75B-101 BERKELEY CA 94720	NW	0.26 / 1,358.32	128
	Estor/EPA ID* | *Cleanup Status: *71003603* | *REFER: RCRA AS OF 2/1/1999*			

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Nov 16, 2020 has found that there are 48 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
AMERICAN RED CROSS	2116 ALLSTON WY BERKELEY CA 94704	ENE	0.08 / 442.87	38
	Global ID* | *Status* | *Status Date: *T0600100071* | *COMPLETED - CASE CLOSED* | *5/12/1994*			
PACIFIC BELL	2116 BANCROFT WY BERKELEY CA 94704	SE	0.10 / 538.35	44
	Global ID* | *Status* | *Status Date: *T0600101021* | *COMPLETED - CASE CLOSED* | *6/25/1999*			
BERKELEY TOUCHLESS	2176 KITTREDGE STREET BERKELEY CA 94704	E	0.10 / 547.41	45
	Global ID* | *Status* | *Status Date: *T10000004535* | *OPEN - SITE ASSESSMENT* | *1/9/2013*			
TOLTEC PROPERTY	2148 CENTER ST BERKELEY CA 94704	NE	0.13 / 692.29	62
	Global ID* | *Status* | *Status Date: *T0600101723* | *COMPLETED - CASE CLOSED* | *2/22/1994*			
JACKSON PROPERTY	2131 DURANT AVE BERKELEY CA 94704	SE	0.15 / 808.14	77
	Global ID* | *Status* | *Status Date: *T0600100749* | *COMPLETED - CASE CLOSED* | *9/29/1994*			
GOSS ROSS DOYLE TRUST	2140 DURANT AVE BERKELEY CA 94709	SE	0.16 / 856.15	82
	Global ID* | *Status* | *Status Date: *T0600100658* | *COMPLETED - CASE CLOSED* | *7/28/1999*			
SHELL	2200 DURANT AVE BERKELEY CA 94704	ESE	0.20 / 1,072.00	103
	Global ID* | *Status* | *Status Date: *T0600101238* | *COMPLETED - CASE CLOSED* | *3/28/2013*			
UC BERKELEY SITE GARAGE	1952 OXFORD ST BERKELEY CA 94704	NNE	0.29 / 1,544.41	131
	Global ID* | *Status* | *Status Date: *T0600101407* | *COMPLETED - CASE CLOSED* | *9/22/2004*			
CA DHS LABRATORY FACILITY	2151 BERKELEY WY BERKELEY CA 94709	NNE	0.31 / 1,620.67	134
	Global ID* | *Status* | *Status Date: *T0600101914* | *COMPLETED - CASE CLOSED* | *1/9/1997*			

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CHEVRON	2199 BERKELEY WY BERKELEY CA 94709	NNE	0.32 / 1,663.50	135
	***Global ID | Status | Status Date**: T0600100314 | COMPLETED - CASE CLOSED | 5/1/2003*			
UNKNOWN	2167-2183 DWIGHT WY BERKELEY CA	SSE	0.33 / 1,722.98	139
	***Global ID | Status | Status Date**: T0600191731 | COMPLETED - CASE CLOSED | 11/8/2000*			
OSCARS CAFE	1890 SHATTUCK AVE BERKELEY CA 94709	N	0.33 / 1,739.10	140
	***Global ID | Status | Status Date**: T10000006536 | COMPLETED - CASE CLOSED | 7/26/2016*			
EZ SERVE	1849 SHATTUCK AVE BERKELEY CA 94709	N	0.34 / 1,815.25	141
	***Global ID | Status | Status Date**: T0600100482 | COMPLETED - CASE CLOSED | 8/6/1992*			
COMMERCIAL PROPERTY	2201 DWIGHT WAY BERKELEY CA 94704	SE	0.35 / 1,828.21	142
	***Global ID | Status | Status Date**: T0600109784 | COMPLETED - CASE CLOSED | 3/8/2004*			
AVIS RENT A CAR	1900 OXFORD ST BERKELEY CA 94704	NNE	0.35 / 1,841.70	143
	***Global ID | Status | Status Date**: T0600100958 | COMPLETED - CASE CLOSED | 8/31/1998*			
TEXACO	1899 OXFORD ST BERKELEY CA 94704	NNE	0.39 / 2,043.47	150
	***Global ID | Status | Status Date**: T0600101341 | COMPLETED - CASE CLOSED | 10/21/1997*			
FORMER CHEVRON	1797 SHATTUCK AVE BERKELEY CA 94704	N	0.41 / 2,178.88	155
	***Global ID | Status | Status Date**: T0600100306 | COMPLETED - CASE CLOSED | 6/8/2012*			
APARTMENT BUILDING	1846 SPRUCE ST BERKELEY CA 94704	NNE	0.42 / 2,225.30	156
	***Global ID | Status | Status Date**: T0600102173 | COMPLETED - CASE CLOSED | 6/25/1999*			
SHELL	1752 SHATTUCK AVE BERKELEY CA 94709	N	0.43 / 2,267.37	157
	***Global ID | Status | Status Date**: T0600101229 | COMPLETED - CASE CLOSED | 11/2/1994*			
CSM PROPERTIES	1890 ARCH ST BERKELEY CA 94709	NE	0.46 / 2,446.80	159
	***Global ID | Status | Status Date**: T0600102182 | COMPLETED - CASE CLOSED | 6/25/1999*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BERKELEY YMCA	2001 ALLSTON ST BERKELEY CA 94704	WNW	0.04 / 218.78	12
	***Global ID | Status | Status Date**: T0600101728 | COMPLETED - CASE CLOSED | 2/23/1994*			
AUTOMOTIVE UNLIMITED	2020 ADDISON ST BERKELEY CA 94704	NNW	0.13 / 675.01	56

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Global ID* | *Status* | *Status Date: *T0600100130* | *COMPLETED - CASE CLOSED* | *9/29/1994*			
ADDISON STREET PROPERTY	2040 ADDISON ST BERKELEY CA 94704	N	0.13 / 677.03	59
	Global ID* | *Status* | *Status Date: *T0600100026* | *COMPLETED - CASE CLOSED* | *12/1/1998*			
BERKELEY GLASS	2011 ADDISON ST BERKELEY CA 94704	NW	0.14 / 727.89	69
	Global ID* | *Status* | *Status Date: *T0600100178* | *COMPLETED - CASE CLOSED* | *6/25/1999*			
BERKELEY LINCOLN MERCURY	2352 SHATTUCK AVE BERKELEY CA 94704	SSE	0.15 / 790.60	76
	Global ID* | *Status* | *Status Date: *T0600100183* | *COMPLETED - CASE CLOSED* | *10/10/1989*			
STEAD BUILDING	1960 ADDISON ST BERKELEY CA 94704	NW	0.16 / 847.55	81
	Global ID* | *Status* | *Status Date: *T0600101990* | *COMPLETED - CASE CLOSED* | *9/17/1996*			
SOUTHSIDE PLAZA	2399 SHATTUCK AVE BERKELEY CA 94704	SSE	0.18 / 927.58	88
	Global ID* | *Status* | *Status Date: *T0600101309* | *COMPLETED - CASE CLOSED* | *12/21/1990*			
GERMANY BEST INC	1931-1935 ADDISON ST BERKELEY CA 94704	NW	0.18 / 944.81	89
	Global ID* | *Status* | *Status Date: *T0600100641* | *COMPLETED - CASE CLOSED* | *10/12/2011*			
GLM REAL ESTATE SERVICES	2029 CHANNING WY BERKELEY CA 94704	S	0.19 / 1,006.50	95
	Global ID* | *Status* | *Status Date: *T0600100649* | *COMPLETED - CASE CLOSED* | *12/12/1994*			
UC BERKELEY CORP YARD	2000 MILVIA ST BERKELEY CA 94720	NNW	0.20 / 1,037.63	99
	Global ID* | *Status* | *Status Date: *T0600101400* | *COMPLETED - CASE CLOSED* | *1/24/1996*			
CA SCHOOL PROF PSYCHOLOGY	1900 ADDISON ST BERKELEY CA 94704	WNW	0.21 / 1,085.30	105
	Global ID* | *Status* | *Status Date: *T0600100238* | *COMPLETED - CASE CLOSED* | *1/30/1997*			
FIRESTONE	1974 UNIVERSITY AVE BERKELEY CA 94704	NW	0.21 / 1,086.77	106
	Global ID* | *Status* | *Status Date: *T0600101830* | *COMPLETED - CASE CLOSED* | *10/17/1995*			
CHEVRON	2401 SHATTUCK AVE BERKELEY CA 94704	SSE	0.21 / 1,108.62	107
	Global ID* | *Status* | *Status Date: *T0600101398* | *COMPLETED - CASE CLOSED* | *4/4/1994*			
FORMER EXXON 7-0200	1894 UNIVERSITY AVE BERKELEY CA 94704	WNW	0.27 / 1,435.82	129
	Global ID* | *Status* | *Status Date: *T0600101888* | *OPEN - REMEDIATION* | *11/7/2002*			
"1950 MLK, LLC"	1950 MARTIN LUTHER KING JR. WAY BERKELEY CA 94703	NW	0.29 / 1,549.34	132

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Global ID* | *Status* | *Status Date: *T10000000212* | *COMPLETED - CASE CLOSED* | *7/1/2015*			
HERRICK HOSPITAL ALTA BATES	2001 DWIGHT WY BERKELEY CA 94704	S	0.32 / 1,670.35	136
	Global ID* | *Status* | *Status Date: *T0600100698* | *COMPLETED - CASE CLOSED* | *6/25/1999*			
REGAL	1801 UNIVERSITY AVE BERKELEY CA 94703	WNW	0.35 / 1,857.69	144
	Global ID* | *Status* | *Status Date: *T0600101129* | *COMPLETED - CASE CLOSED* | *5/21/1996*			
KAYO OIL	1900 MARTIN LUTHER KING BERKELEY CA 94704	NW	0.35 / 1,863.43	145
	Global ID* | *Status* | *Status Date: *T0600100787* | *COMPLETED - CASE CLOSED* | *4/21/2005*			
NUMBER 1 GAS	1900 MARTIN LUTHER KING JR. WAY BERKELEY CA 94703	NW	0.35 / 1,863.43	145
	Global ID* | *Status* | *Status Date: *T0600154182* | *COMPLETED - CASE CLOSED* | *4/21/2005*			
FORMER MOBIL OIL	2489 MARTIN LUTHER KING JR. WAY BERKELEY CA 94704	SSW	0.37 / 1,970.79	147
	Global ID* | *Status* | *Status Date: *T0600113701* | *COMPLETED - CASE CLOSED* | *6/27/2005*			
KALMAR PROPERTY	2034 BLAKE ST BERKELEY CA 94704	S	0.38 / 2,021.73	149
	Global ID* | *Status* | *Status Date: *T0600100782* | *COMPLETED - CASE CLOSED* | *6/25/1999*			
TOYOTA FLYNN TRUST	2555 SHATTUCK AVE BERKELEY CA 94704	SSE	0.39 / 2,050.78	151
	Global ID* | *Status* | *Status Date: *T0600101377* | *COMPLETED - CASE CLOSED* | *8/18/1994*			
SHIELD HEALTHCARE	2567 SHATTUCK AVE BERKELEY CA 94704	SSE	0.40 / 2,132.67	152
	Global ID* | *Status* | *Status Date: *T0600101280* | *COMPLETED - CASE CLOSED* | *1/1/1999*			
CHEVRON	2500 MARTIN LUTHER KING BERKELEY CA 94704	SSW	0.40 / 2,135.48	153
	Global ID* | *Status* | *Status Date: *T0600100321* | *COMPLETED - CASE CLOSED* | *2/15/2000*			
URBAN DESIGNS	1812 DWIGHT WY BERKELEY CA 94704	SW	0.45 / 2,376.43	158
	Global ID* | *Status* | *Status Date: *T0600101495* | *OPEN - ELIGIBLE FOR CLOSURE* | *1/16/2020*			
BERKELEY HONDA	2600 SHATTUCK BERKELEY CA 94704	SSE	0.48 / 2,516.49	160
	Global ID* | *Status* | *Status Date: *T0600118745* | *COMPLETED - CASE CLOSED* | *1/12/2007*			
TUNE UP MASTERS	1698 UNIVERSITY STREET BERKELEY CA 94703	WNW	0.48 / 2,556.67	161
	Global ID* | *Status* | *Status Date: *T0600120406* | *COMPLETED - CASE CLOSED* | *3/31/2003*			
MIKE AUTO SERVICE	1699 UNIVERSITY AVE BERKELEY CA 94703	WNW	0.49 / 2,570.10	162

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	Global ID* | *Status* | *Status Date: *T0600100707* | *COMPLETED - CASE CLOSED* | *2/5/1998*			

DELISTED LST - Delisted Leaking Storage Tanks

A search of the DELISTED LST database, dated Nov 16, 2020 has found that there are 2 DELISTED LST site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
DON REINHARDS INC	1917 ADDISON ST BERKELEY CA 94704	WNW	0.19 / 987.06	93
TOYOTA OF BERKELEY	2400 SHATTUCK AVE BERKELEY CA 94704	SSE	0.20 / 1,046.44	100

UST - Permitted Underground Storage Tank (UST) in GeoTracker

A search of the UST database, dated Nov 16, 2020 has found that there are 5 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
AT&T California - Q2002	2116 Bancroft Way Berkeley CA 94704 ***Facility ID***: *219*	SE	0.10 / 538.35	44
BERKELEY TOUCHLESS CARWASH	2176 KITTREDGE ST BERKELEY CA 94704	E	0.10 / 547.41	45
CAMPUS MINIMART	2200 DURANT AVE BERKELEY CA 94704	ESE	0.20 / 1,072.00	103

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
City of Berkeley Central Library	2031 Bancroft Way Berkeley CA 94704	S	0.07 / 344.34	23
CITY OF BERKELEY- PUBLIC SAFETY BUILDING	2100 MARTIN LUTHER KING JR. WAY BERKELEY CA 94704	WNW	0.20 / 1,068.29	101

HHSS - Historical Hazardous Substance Storage Information Database

A search of the HHSS database, dated Aug 27, 2015 has found that there are 9 HHSS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PACIFIC BELL (Q2-002)	2116 BANCROFT WAY BERKELEY CA 94704	SE	0.10 / 538.35	44
AUTOMOTIVE CITY	2176 KITTREDGE ST BERKELEY CA 94704	E	0.10 / 547.41	45
EH AND S/DOFM	2223 FULTON STREET BERKELEY CA 94720	E	0.13 / 675.11	58
HESSE HALL	2223 FULTON STREET, 4TH FLOOR BERKELEY CA 94720	E	0.13 / 675.11	58

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MAIN POST OFFICE	2000 ALLSTON WAY BERKELEY CA 94704	WNW	0.05 / 272.66	15
NONE	2352 SHATTUCK AVENUE BERKELEY CA 94704	SSE	0.15 / 790.60	76
DON AND REINHARDS INC	1917 ADDISON ST BERKELEY CA 94704	WNW	0.19 / 987.06	93
FIRESTONE 3656	1974 UNIVERSITY AV BERKELEY CA 94704	NW	0.21 / 1,086.77	106
GOODYEAR SERVICE CENTER	2099 MARTIN LUTHER KING JR WAY BERKELEY CA 94704	WNW	0.23 / 1,227.93	116

AST - Aboveground Storage Tanks

A search of the AST database, dated Aug 31, 2009 has found that there are 1 AST site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	2400 SHATTUCK AVE Berkeley CA	SSE	0.20 / 1,071.59	102

DELISTED TNK - Delisted Storage Tanks

A search of the DELISTED TNK database, dated Dec 3, 2020 has found that there are 4 DELISTED TNK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PACIFIC BELL SAFETY	2116 BANCROFT WAY BERKELEY CA 94704	SE	0.10 / 538.35	44
BERKELEY TOUCHLESS CHEVRON	2176 KITTREDGE ST BERKELEY CA 94704	ENE	0.13 / 690.18	61
SHELL - CAMPUS MINI-MART	2200 DURANT AVE BERKELEY CA 94704	ESE	0.16 / 859.04	83

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
TOYOTA OF BERKELEY	2400 SHATTUCK AVE BERKELEY CA 94704	SSE	0.12 / 621.74	51

CERS TANK - California Environmental Reporting System (CERS) Tanks

A search of the CERS TANK database, dated Oct 26, 2020 has found that there are 6 CERS TANK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
AT&T California - Q2002	2116 BANCROFT WAY BERKELEY CA 94704 ***Site ID**: 434129*	SE	0.10 / 538.35	44
BERKELEY TOUCHLESS CARWASH	2176 KITTREDGE ST BERKELEY CA 94704 ***Site ID**: 11847*	E	0.10 / 547.41	45
CAMPUS MINIMART	2200 DURANT AVE BERKELEY CA 94704 ***Site ID**: 102763*	ESE	0.20 / 1,072.00	103

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
City of Berkeley Central Library	2031 BANCROFT WAY BERKELEY CA 94704 ***Site ID**: 390041*	S	0.07 / 344.34	23
CITY OF BERKELEY- PUBLIC SAFETY BUILDING	2100 MARTIN LUTHER KING JR. WAY BERKELEY CA 94704 ***Site ID**: 19433*	WNW	0.20 / 1,068.29	101
TOYOTA OF BERKELEY	2400 SHATTUCK AVE BERKELEY CA 94710 ***Site ID**: 162977*	SSE	0.20 / 1,071.59	102

CLEANUP SITES - GeoTracker Cleanup Program Sites

A search of the CLEANUP SITES database, dated Nov 16, 2020 has found that there are 6 CLEANUP SITES site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BRIDGE HOUSING CORPORATION	2012 BERKELEY WAY BERKELEY CA 94710	NNW	0.25 / 1,335.75	127
	Site Facility Type* | *Status: *CLEANUP PROGRAM SITE* | *OPEN - SITE ASSESSMENT*			

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
2009 TO 2015 ADDISON STREET	2009 ADDISON STREET BERKELEY CA 94704	NNW	0.13 / 706.67	67
	Site Facility Type* | *Status: *CLEANUP PROGRAM SITE* | *OPEN - INACTIVE*			
VACANT BUILDING/ FREDS MARKET	1929 UNIVERSITY AVENUE BERKELEY CA 94704	NW	0.24 / 1,275.39	123
	Site Facility Type* | *Status: *CLEANUP PROGRAM SITE* | *COMPLETED - CASE CLOSED*			
"2107 DWIGHT (AKA ""THE DWIGHT"")"	2107 DWIGHT WAY BERKELEY CA 94704	SSE	0.32 / 1,675.07	137
	Site Facility Type* | *Status: *CLEANUP PROGRAM SITE* | *COMPLETED - CASE CLOSED*			
HADJIAN PROPERTY	1840/1894 UNIVERSITY AVENUE BERKELEY CA 94703	WNW	0.32 / 1,675.51	138
	Site Facility Type* | *Status: *CLEANUP PROGRAM SITE* | *OPEN - SITE ASSESSMENT*			
PRIVATE RESIDENCE	PRIVATE RESIDENCE BERKELEY CA 94703	W	0.41 / 2,159.34	154
	Site Facility Type* | *Status: *CLEANUP PROGRAM SITE* | *COMPLETED - CASE CLOSED*			

DELISTED COUNTY - Delisted County Records

A search of the DELISTED COUNTY database, dated Jan 25, 2021 has found that there are 2 DELISTED COUNTY site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MCDONALDS	1998 SHATTUCK AVE CA	N	0.22 / 1,172.41	111

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
TEST FACILITY	2118 MILVIA ST CA	NW	0.11 / 563.33	48

HIST TANK - Historical Hazardous Substance Storage Container Information - Facility Summary

A search of the HIST TANK database, dated May 27, 1988 has found that there are 10 HIST TANK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PACIFIC BELL (Q2-002)	2116 BANCROFT WAY BERKELEY CA	SE	0.10 / 538.35	44
AUTOMOTIVE CITY	2176 KITTREDGE ST. BERKELEY CA	E	0.10 / 547.41	45
EH&S/DOFM	2223 FULTON STREET BERKELEY CA	E	0.13 / 675.11	58
HESSE HALL	2223 FULTON STREET, 4TH FLOOR BERKELEY CA	E	0.13 / 675.11	58

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
MAIN POST OFFICE	2000 ALLSTON WAY BERKELEY CA	WNW	0.05 / 272.66	15
BERKELEY LINCOLN-MERCURY SALES	2352 SHATTUCK AVENUE BERKELEY CA	SSE	0.15 / 790.60	76
DON & REINHARDS INC	1917 ADDISON ST. BERKELEY CA	WNW	0.19 / 987.06	93
TOYOTA OF BERKELEY	2400 SHATTUCK AVE. BERKELEY CA	SSE	0.20 / 1,071.59	102
FIRESTONE #3656	1974 UNIVERSITY AV. BERKELEY CA	NW	0.21 / 1,086.77	106
GOODYEAR SERVICE CENTER	2099 MARTIN LUTHER KING JR WAY BERKELEY CA	WNW	0.23 / 1,227.93	116

County

BERKELEY CUPA - Alameda County - City of Berkeley CUPA Facilities

A search of the BERKELEY CUPA database, dated Dec 16, 2020 has found that there are 82 BERKELEY CUPA site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
HOTEL SHATTUCK PLAZA	2086 Allston WAY CA	NE	0.02 / 109.32	8
BURGER MEISTER	2237 Shattuck AVE CA	E	0.03 / 178.25	9
ANGELINE'S LOUISIANA KITCHEN	2261 Shattuck AVE CA	ESE	0.04 / 186.87	10
BEC'S BAR & BISTRO	2271 SHATTUCK AVE CA	ESE	0.04 / 211.45	11
BECKETT'S IRISH PUB	2271 SHATTUCK AVE CA	ESE	0.04 / 211.45	11
Tupper and Reed	2271 Shattuck AVE CA	ESE	0.04 / 211.45	11
California Theatre	2113 Kittredge St CA	E	0.04 / 223.15	13
Walgreens #15025	2190 Shattuck Ave CA	NE	0.05 / 238.88	14
Target Store T3202	2187 Shattuck Ave CA	NE	0.06 / 293.00	18
WALGREENS #3127	2187 SHATTUCK AVE CA	NE	0.06 / 293.00	18
CVS Pharmacy #17673	2187 Shattuck AVE Ste B CA	NE	0.06 / 293.00	18
VTT/MSI THE MOLECULAR SCIENCES INSTITUTE	2168 SHATTUCK AVE STE 200 CA	NE	0.06 / 301.02	19
JUPITER LLC	2181 Shattuck AVE CA	NE	0.06 / 311.15	21

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
COLOR EXPRESS PHOTO LAB	2163 SHATTUCK AVE CA	NE	0.06 / 329.50	22
TASTY POT	2115 KITTREDGE ST CA	E	0.07 / 359.53	26
BART BERKELEY SUBSTATION (RBE)	2160 Shattuck AVE CA	NNE	0.08 / 400.09	33
GEORGE M.OLDENBOURG, DDS	2140 SHATTUCK AVE STE 701 CA	NNE	0.10 / 520.68	43
SPRINT NEXTEL CELL SITE CA0617	2140 SHATTUCK AVE CA	NNE	0.10 / 520.68	43
SIMARJIT SINGH, DDS. INC.	2140 Shattuck AVE STE 701 CA	NNE	0.10 / 520.68	43
SPRINT NEXTEL CELL SITE	2116 BANCROFT WAY CA	SE	0.10 / 538.35	44
T-MOBILE WEST CORPORATION	2116 BANCROFT WAY CA	SE	0.10 / 538.35	44
AT&T CALIFORNIA - Q2002	2116 BANCROFT WAY CA	SE	0.10 / 538.35	44
AT&T California - Q2002	2116 Bancroft Way CA	SE	0.10 / 538.35	44
BERKELEY TOUCHLESS CARWASH	2176 Kittredge ST CA	E	0.10 / 547.41	45
Oxford Plaza	2175 KITTREDGE ST CA	E	0.11 / 556.24	47
PETTINGELL BOOK BINDERY	2181 BANCROFT WAY CA	ESE	0.12 / 652.87	53

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
UC Berkeley - Berkeley Art Museum (BAM/PFA)	2155 Center ST CA	NE	0.14 / 736.87	70
WESTERN DENTAL SERVICES, INC.	115 BERKELEY SQ CA	NNE	0.14 / 738.65	71
WESTERN DENTAL SERVICES, INC	115 Berkeley SQ CA	NNE	0.14 / 738.65	71
CAHILL CONTRACTORS, INC.	2200 OXFORD ST CA	ENE	0.15 / 785.24	74
TOYOTA OF BERKELEY-DETAIL SHOP	2112 Durant AVE CA	SE	0.15 / 787.34	75
UC Berkeley - Tang Center	2200 Bancroft St CA	ESE	0.15 / 813.21	78
PAPER HEAVEN	2018 SHATTUCK AVE CA	N	0.17 / 888.68	85
ZIBA PHOTO	64 SHATTUCK SQ CA	NNE	0.17 / 910.09	87
Comal	2020 Shattuck Ave CA	N	0.18 / 975.69	92
SPRINT NEXTEL CELL SITE-FN03XC010	2054 UNIVERSITY AVENUE #210 CA	NNW	0.19 / 1,016.47	97
CAMPUS MINIMART	2200 Durant AVE CA	ESE	0.20 / 1,072.00	103
Verizon Wireless Berkeley Downtown	2199 Addison ST ROOF CA	NE	0.20 / 1,082.09	104
MISSING LINK BICYCLE COOPERATIVE	1988 Shattuck AVE CA	N	0.22 / 1,159.72	109

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Mcdonalds	1998 Shattuck Ave CA	N	0.22 / 1,172.41	111
Campus Dental Care	2136 UNIVERSITY AVE CA	NNE	0.22 / 1,175.03	112
Spats	1974 Shattuck Ave CA	N	0.24 / 1,241.19	119
MISSING LINK BICYCLE COOPERATIVE	1961 SHATTUCK AVE CA	N	0.24 / 1,262.75	121

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALAN KROPP & ASSOCIATES, INC.	2070 Allston WAY STE 2 CA	N	0.00 / 19.44	2
BERKELEY YMCA	2001 Allston WAY CA	WNW	0.04 / 218.78	12
UNITED STATES POSTAL SERVICE	2000 ALLSTON WAY CA	WNW	0.05 / 272.66	15
UNITED ARTISTS BERKELEY 7 THEATRE	2274 Shattuck AVE CA	SE	0.05 / 274.90	17
City of Berkeley Central Library	2031 Bancroft Way CA	S	0.07 / 344.34	23
AMOROSO CONSTRUCTION JOB 664	2050 CENTER ST CA	NNW	0.07 / 352.98	24
Berkeley City College	2050 Center St CA	NNW	0.07 / 352.98	24
Eureka! Berkeley	2068 Center St CA	N	0.07 / 355.36	25
BERKELEY CENTRAL	2055 Center ST CA	NNW	0.07 / 372.12	28

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ARPEGGIO OF BERKELEY	2055 CENTER ST CA	NNW	0.07 / 372.12	28
PACIFIC STANDARD BY HALF MOON BREWING CO.	2055 Center ST CA	NNW	0.07 / 372.12	28
RITZ CAMERA (CENTER ST.)	2065 CENTER ST CA	N	0.07 / 375.08	29
City of Berkeley Center Street Garage	2025 Center St CA	NW	0.08 / 400.03	32
City of Berkeley Civic Center	2180 Milvia ST CA	WNW	0.08 / 409.12	34
BERKELEY HIGH SCHOOL WARM POOL	2246 MILVIA ST CA	SW	0.09 / 470.57	39
Downtown Berkeley Inn	2001 Bancroft WY CA	SW	0.09 / 474.32	40
CVS Pharmacy #3026	2300 Shattuck Ave CA	SSE	0.10 / 515.05	42
LONGS DRUG STORE #496	2300 SHATTUCK AVE CA	SSE	0.10 / 515.05	42
City of Berkeley Door-to-door HHW program	2118 Milvia ST STE 3rd f CA	NW	0.11 / 563.33	48
REPRODUCTIVE TECHNOLOGIES DBA SPERM BANK OF CA	2115 Milvia ST STE 201 CA	NW	0.11 / 586.47	50
International Computer Science Institution	1947 center ST 600 CA	WNW	0.12 / 638.86	52
AT&T California - Q212X	2100 Milvia St CA	NW	0.13 / 671.15	54

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
HUSTEADS AUTO BODY.	2037 Durant AVE CA	S	0.13 / 673.42	55
BERKELEY REPERTORY THEATRE	2025 Addison ST CA	N	0.13 / 696.41	63
The Durant	2024 Durant AVE CA	S	0.13 / 698.97	66
Staples the Office Superstore #1458	2352 Shattuck Ave CA	SSE	0.15 / 790.60	76
CORNERSTONE CRAFT BEER	2367 SHATTUCK AVE CA	SSE	0.16 / 823.77	79
Berkeley Ace Hardware	2020 Milvia ST CA	NW	0.16 / 832.86	80
ED'S BEST AUTO SERVICE	1931 Addison St, CA	NW	0.17 / 900.98	86
BUSD - BERKELEY HIGH SCHOOL	2223 Martin Luther King, Jr. WAY CA	W	0.19 / 1,022.29	98
CITY OF BERKELEY- PUBLIC SAFETY BUILDING	2100 Martin Luther King, Jr. WAY CA	WNW	0.20 / 1,068.29	101
TOYOTA OF BERKELEY	2400 Shattuck AVE CA	SSE	0.20 / 1,071.59	102
FIRESTONE COMPLETE AUTO CARE #3656	1974 UNIVERSITY AVE CA	NW	0.21 / 1,086.77	106
MINUTEMAN PRESS	1995 UNIVERSITY AVE STE 118 CA	NW	0.22 / 1,140.78	108
BERKELEY COURTHOUSE Judicial Council of California, #01-G1	2120 Martin Luther King, Jr. WAY CA	WNW	0.22 / 1,159.78	110

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Berkeley Car Care East	2099 Martin Luther King, Jr. WAY CA	WNW	0.23 / 1,227.93	116
COMCAST CABLE	1936 University AVE CA	NW	0.23 / 1,238.51	118
BUTCHER'S SON	1941 UNIVERSITY AVE CA	NW	0.24 / 1,252.87	120
Dollar Tree #03454	2440 Shattuck Ave CA	SSE	0.24 / 1,278.50	125

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Nov 2, 2020 has found that there are 1 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALAN KROPP & ASSOCIATESNA INC.	2070 ALLSTON WY STE 2 BERKELEY CA 94704	N	0.00 / 19.44	2

ALT FUELS - Alternative Fueling Stations

A search of the ALT FUELS database, dated Jan 18, 2021 has found that there are 6 ALT FUELS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITYOFBERKELEY	2165 Kittredge St Berkeley CA 94704	E	0.10 / 552.66	46

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITYOFBERKELEY	2025 Center St Berkeley CA 94704	NW	0.07 / 379.86	30
CITYOFBERKELEY	2033 Center St Berkeley CA 94704	NW	0.07 / 382.54	31

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITYOFBERKELEY	2023 Center St Berkeley CA 94704	NW	0.08 / 416.11	36
CITYOFBERKELEY	2015 Center St Berkeley CA 94704	NW	0.08 / 416.76	37
CITYOFBERKELEY	2010 Addison St Berkeley CA 94704	NNW	0.13 / 698.11	65

State

HAZNET - Hazardous Waste Manifest Data

A search of the HAZNET database, dated Oct 24, 2016 has found that there are 17 HAZNET site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BERKELEY CENTER	2065 KITTREDGE ST STE D3 BERKELEY CA 947041404	SE	0.00 / 17.63	1
INNOMEDIA INC	2070 ALLSTON WY STE 200 BERKELEY CA 94704	N	0.00 / 19.44	2
NFLP BERKELEY CENTER DE LLC	2070 ALSTON WAY BERKELEY CA 94704	N	0.00 / 19.44	2
BERKELEY PUBLIC LIBRARY	2090 KITTREDGE BERKELEY CA 947040000	SSE	0.01 / 38.35	3
1X BERKELEY PUBLIC LIBRARY	2090 KITTRIDGE BERKELEY CA 947040000	SSE	0.01 / 38.35	3
CITY OF BERKELEY PUBLIC LIBRARY	2090 KITTREDGE BERKELEY CA 947040000	SSE	0.01 / 38.35	3
CITY OF BERKELEY	2090 KITTREBGE BERKELEY CA 947040000	SSE	0.01 / 38.35	3
BERKELEY PUBLIC LIBRARY	2090 KITTREDGE BERKELEY CA 947040000	SSE	0.01 / 38.35	3

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BERKELEY PUBLIC LIBRARY	2090 KITTREDGE ST BERKELEY CA 947040000	SSE	0.01 / 38.35	3
CITY OF BERKELEY LIBRARY	2090 KITTRIDGE BERKELEY CA 947040000	SSE	0.01 / 38.35	3
ARMSTRONG UNIVERSITY	2222 HAROLD WAY BERKELEY CA 947040000	WSW	0.01 / 38.66	4
ARMSTRONG PROPERTIES INC	2222 HAROLD WAY BERKELEY CA 947040000	WSW	0.01 / 38.66	4
LIBRARY GARDENS GARAGE-81238	2020 KITTREDGE ST STE A BERKELEY CA 947041444	S	0.01 / 38.73	5
2020 KITTREDGE LLC	2020 KITTREDGE ST BERKELEY CA 947041427	S	0.01 / 38.73	5
DEJA VU PUBLISHING	2210 HAROLD WY BERKELEY CA 947040000	W	0.01 / 39.55	6
DEJA VU PUBLISHING	2210 HAROLD WAY BERKELEY CA 947040000	W	0.01 / 39.55	6
1X HOGLAND, BOGART & BERTERO	2043 ALLSTON WY BERKELEY CA 947040000	NW	0.01 / 73.05	7

HIST MANIFEST - Historical Hazardous Waste Manifest Data

A search of the HIST MANIFEST database, dated Dec 31, 1992 has found that there are 2 HIST MANIFEST site(s) within approximately 0.02 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
	2090 KITTRIDGE BERKELEY CA 947040000	SSE	0.01 / 38.35	3
	2043 ALLSTON WY BERKELEY CA 947040000	NW	0.01 / 73.05	7

CERS HAZ - California Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the CERS HAZ database, dated Oct 26, 2020 has found that there are 20 CERS HAZ site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
HOTEL SHATTUCK PLAZA	2086 ALLSTON WAY BERKELEY CA 94704	NE	0.02 / 109.32	8
ANGELINE'S LOUISIANA KITCHEN	2261 SHATTUCK AVE BERKELEY CA 94704	ESE	0.04 / 186.87	10
Tupper and Reed	2271 SHATTUCK AVE BERKELEY CA 94704	ESE	0.04 / 211.45	11
California Theatre	2113 KITTREDGE ST BERKELEY CA 94704	E	0.04 / 223.15	13
Walgreens #15025	2190 SHATTUCK AVE BERKELEY CA 94704	NE	0.05 / 238.88	14
CVS Pharmacy #17673	2187 SHATTUCK AVE STE B BERKELEY CA 94704	NE	0.06 / 293.00	18
Target Store T3202	2187 SHATTUCK AVE BERKELEY CA 94704	NE	0.06 / 293.00	18
JUPITER LLC	2181 SHATTUCK AVE BERKELEY CA 94704	NE	0.06 / 311.15	21
BART BERKELEY SUBSTATION (RBE)	2160 SHATTUCK AVE BERKELEY CA 94704	NNE	0.08 / 400.09	33
SIMARJIT SINGH, DDS. INC.	2140 SHATTUCK AVE STE 701 BERKELEY CA 94704	NNE	0.10 / 520.68	43

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BERKELEY YMCA	2001 ALLSTON WAY BERKELEY CA 94704	WNW	0.04 / 218.78	12
western pacific	2286 SHATTUCK AVE BERKELEY CA 94704	SE	0.05 / 273.99	16

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNITED ARTISTS BERKELEY 7 THEATRE	2274 SHATTUCK AVE BERKELEY CA 94704	SE	0.05 / 274.90	17
Berkeley City College	2050 CENTER ST BERKELEY CA 94704	NNW	0.07 / 352.98	24
Eureka! Berkeley	2068 CENTER ST BERKELEY CA 94704	N	0.07 / 355.36	25
BERKELEY CENTRAL	2055 CENTER ST BERKELEY CA 94704	NNW	0.07 / 372.12	28
City of Berkeley Center Street Garage	2025 CENTER ST BERKELEY CA 94704	NW	0.08 / 400.03	32
City of Berkeley Civic Center	2180 MILVIA STREET BERKELEY CA 94704	WNW	0.08 / 409.12	34
CVS PHARMACY #3026	2300 SHATTUCK AVE BERKELEY CA 94704	SSE	0.10 / 515.05	42
REPRODUCTIVE TECHNOLOGIES DBA SPERM BANK OF CA	2115 MILVIA ST STE 201 BERKELEY CA 94704	NW	0.11 / 586.47	50

DELISTED HAZ - Delisted Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the DELISTED HAZ database, dated Nov 29, 2018 has found that there are 6 DELISTED HAZ site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MISSING LINK BICYCLE COOPERATIVE	1988 SHATTUCK AVE BERKELEY CA 94704	N	0.22 / 1,159.72	109
JAMES A. NADOLNY, DDS	2234 CHANNING WAY BERKELEY CA 94704	ESE	0.28 / 1,453.78	130

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
AT&T California - Q212X	2100 MILVIA ST BERKELEY CA 94704	NW	0.13 / 671.15	54
Townie	1799 UNIVERSITY AVE BERKELEY CA 94703	WNW	0.37 / 1,974.06	148
BACK IN ACTION	2500 MARTIN LUTHER KING JR. WAY BERKELEY CA 94704	SSW	0.40 / 2,135.48	153
BERKELEY HONDA	2600 SHATTUCK AVE BERKELEY CA 94704	SSE	0.48 / 2,516.49	160

GEOTRACKER - Sites in GeoTracker

A search of the GEOTRACKER database, dated Nov 16, 2020 has found that there are 1 GEOTRACKER site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BERKELEY DOWNTOWN HOTEL	2129 SHATTUCK AVE BERKELEY CA 94704	NNE	0.11 / 585.47	49

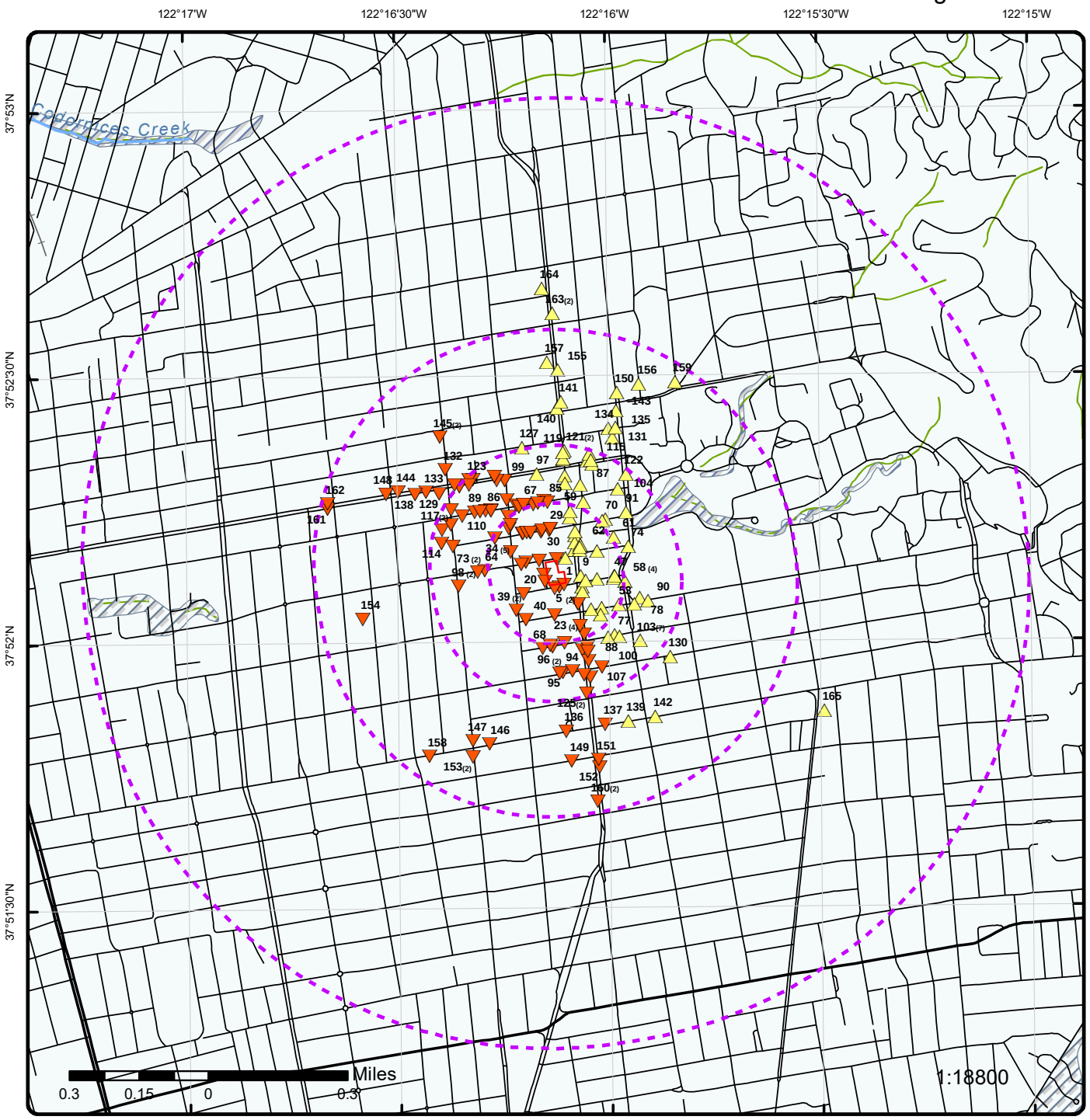
EMISSIONS - Toxic Pollutant Emissions Facilities

A search of the EMISSIONS database, dated Dec 31, 2018 has found that there are 21 EMISSIONS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PACIFIC BELL	2116 BANCROFT WAY BERKELEY CA 94704	SE	0.10 / 538.35	44
BERKELEY TOUCHLESS CARWASH	2176 KITTREDGE ST BERKELEY CA 94704	E	0.10 / 547.41	45
CAMPUS MINI-MART	2200 DURANT AVE BERKELEY CA 94704	ESE	0.20 / 1,072.00	103
SHELL OIL COMPANY	2200 DURANT AVENUE BERKELEY CA 94704	ESE	0.20 / 1,072.00	103

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
CITY OF BERKELEY PUBLIC LIBRARY	2031 BANCROFT WAY BERKELEY CA 94704	S	0.07 / 344.34	23
PERALTA COMMUNITY COLLEGE DISTRICT	2050 CENTER STREET BERKELEY CA 94704	NNW	0.07 / 352.98	24
PERALTA COMMUNITY COLLEGE DIST	2050 CENTER STREET BERKELEY CA 94704	NNW	0.07 / 352.98	24
BERKELEY CENTRAL	2055 CENTER STREET BERKELEY CA 94704	NNW	0.07 / 372.12	28
SNK CAPTEC ARPEGGIO, LLC /BER	2055 CENTER STREET BERKELEY CA 94704	NNW	0.07 / 372.12	28
CITY OF BERKELEY CIVIC CENTER	2180 MILVIA STREET BERKELEY CA 94704	WNW	0.08 / 409.12	34
HUSTEAD'S COLLISION CENTER	2037 DURANT AVE BERKELEY CA 94704	S	0.13 / 673.42	55
HUSTEAD'S COLLISION CENTER	2037 DURANT AVENUE BERKELEY CA 94704	S	0.13 / 673.42	55
HUSTEAD'S INC	2037 DURANT AVENUE BERKELEY CA 94704	S	0.13 / 673.42	55
STADIUM BODY SHOP	2026 ADDISON STREET BERKELEY CA 94704	NNW	0.13 / 675.08	57
HUSTEAD'S INC	2027 CHANNING WAY BERKELEY CA 94704	S	0.19 / 1,007.61	96
BERKELEY LINCOLN MERCURY SALES	2027 CHANNING WAY BERKELEY CA 94704	S	0.19 / 1,007.61	96
STONEFIRE APARTMENTS	1974 UNIVERSITY AVE BERKELEY CA 94704	NW	0.21 / 1,086.77	106

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
BERKELEY PRINTING LLC	1995 UNIVERSITY AVE, STE 118 BERKELEY CA 94704	NW	0.22 / 1,140.78	108
GOLDEN BEAR CENTER	1995 UNIVERSITY AVE BERKELEY CA 94704	NW	0.22 / 1,140.78	108
CITY OF BERKELEY PUBLIC SAFETY	2100 MRTN LTHR KNG JR WAY BERKELEY CA 94704	WNW	0.23 / 1,233.81	117
CITY OF BERKELEY PUBLIC SAFETY BUILDING	2100 MRTN LTHR KNG JR WAY BERKELEY CA 94704	WNW	0.23 / 1,233.81	117



Map : 1.0 Mile Radius

Order Number: 21011300708

Address: CA Ventures - 2060 Allston Way, Berkeley, CA

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		

Source: © 2016 ESRI

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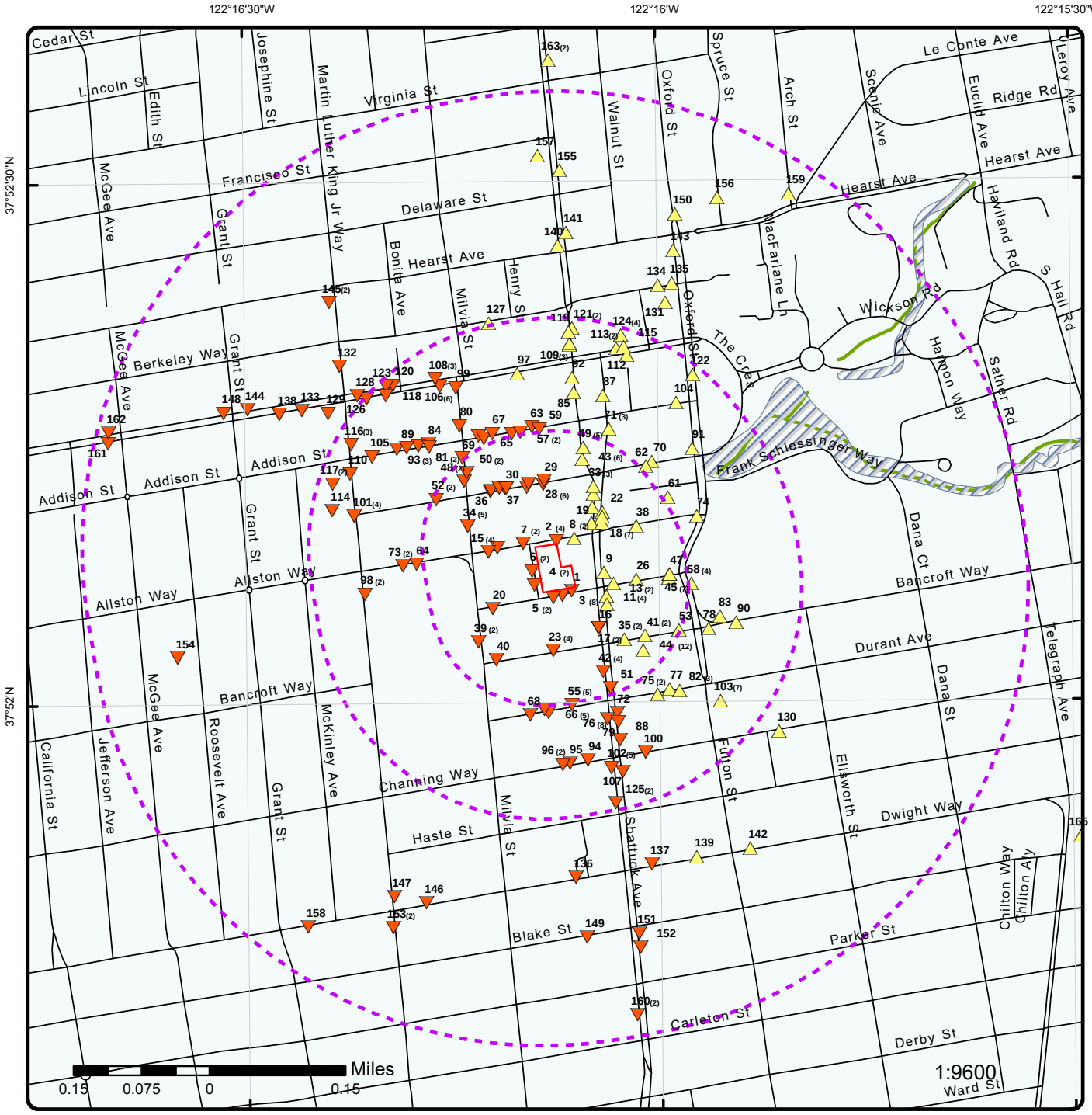

Map : 0.5 Mile Radius

Order Number: 21011300708

Address: CA Ventures - 2060 Allston Way, Berkeley, CA

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

Project Property	Rails	State Boundary	FWS Special Designation Areas
Buffer Outline	Major Highways	National Priority List Sites	State Brownfield Sites
Eris Sites with Higher Elevation	Major Highways Ramps	National Wetland	State Brownfield Areas
Eris Sites with Same Elevation	Major Roads	Indian Reserve Land	State Superfund Areas:Dept. of Defense
Eris Sites with Lower Elevation	Major Roads Ramps	Historic Fill	State Superfund Areas:NPL
Eris Sites with Unknown Elevation	Secondary Roads	100 Year Flood Zone	WQARF Areas
County Boundary	Secondary Roads Ramps	500 Year Flood Zone	Federal Lands: Dept. of Defense (owned/administered areas)
	Local Roads and Ramps		

Source: © 2016 ESRI

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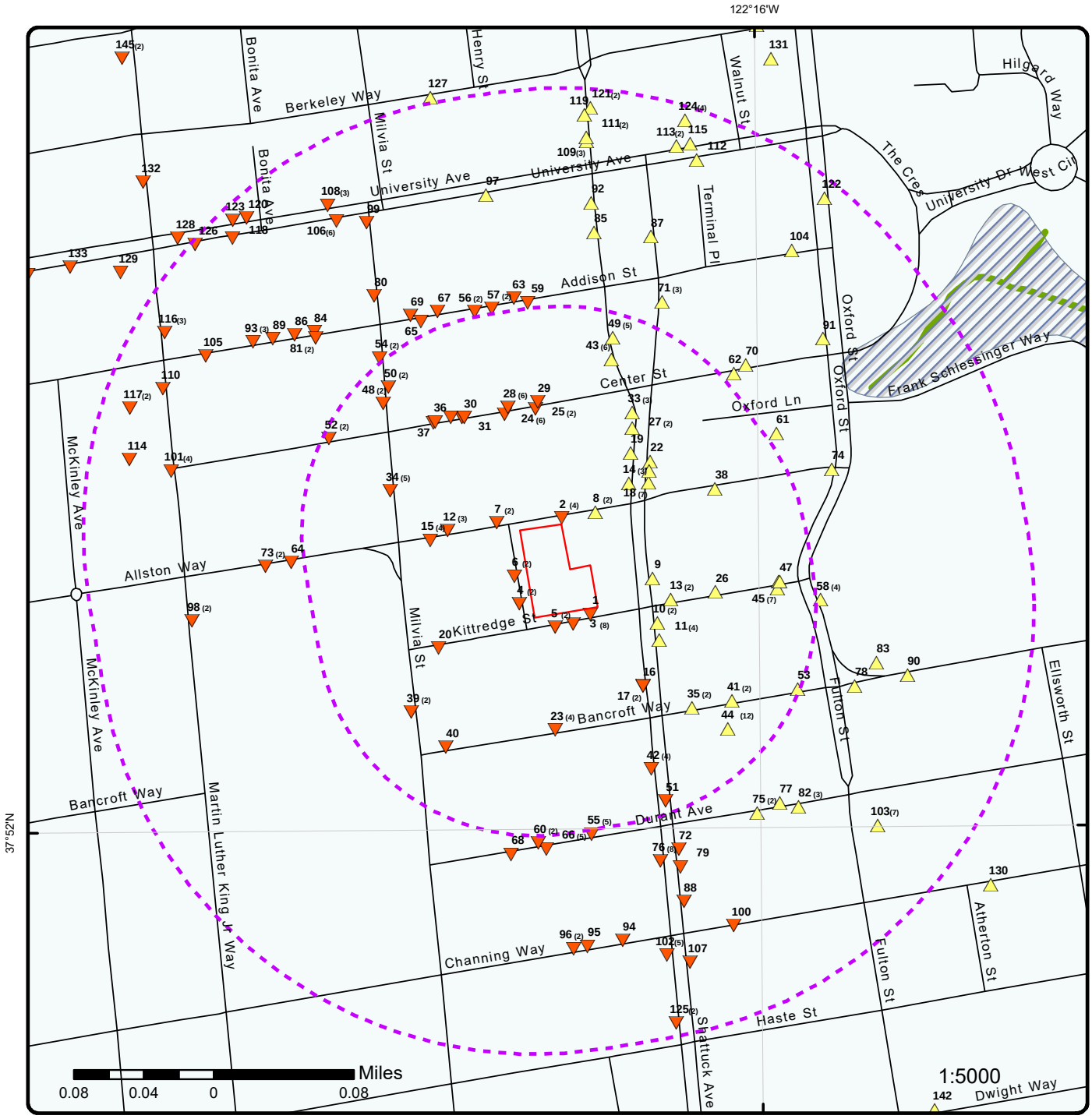

Map : 0.25 Mile Radius

Order Number: 21011300708

Address: CA Ventures - 2060 Allston Way, Berkeley, CA

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- County Boundary
- Rails
- Major Highways
- Major Highways Ramps
- Major Roads
- Major Roads Ramps
- Secondary Roads
- Secondary Roads Ramps
- Local Roads and Ramps
- State Boundary
- National Priority List Sites
- National Wetland
- Indian Reserve Land
- Historic Fill
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- State Brownfield Sites
- State Brownfield Areas
- State Superfund Areas:Dept. of Defense
- State Superfund Areas:NPL
- WQARF Areas
- Federal Lands: Dept. of Defense (owned/administered areas)

Source: © 2016 ESRI

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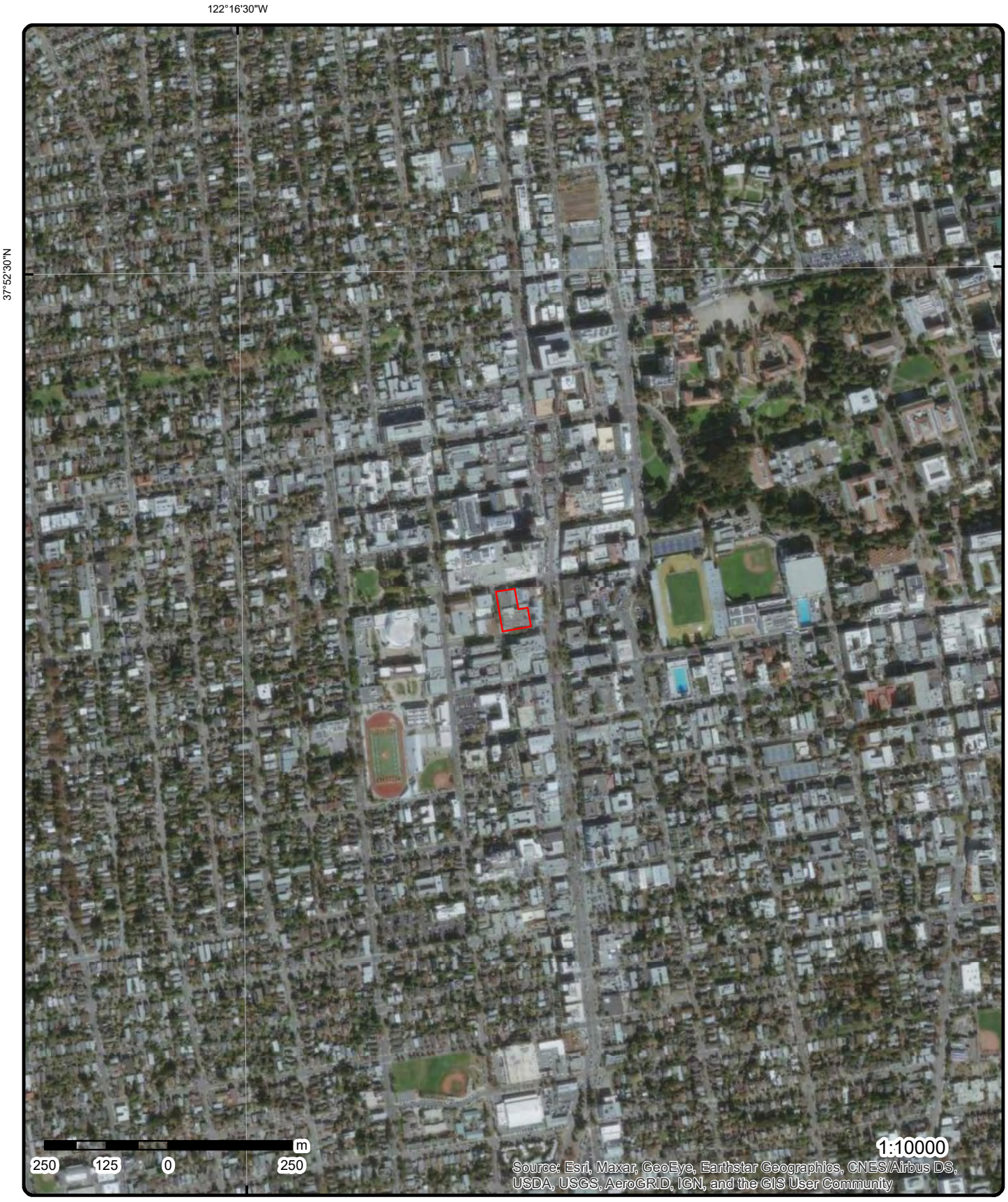

Aerial **Year: 2015**

Address: CA Ventures - 2060 Allston Way, Berkeley, CA

Source: ESRI World Imagery

Order Number: 21011300708

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

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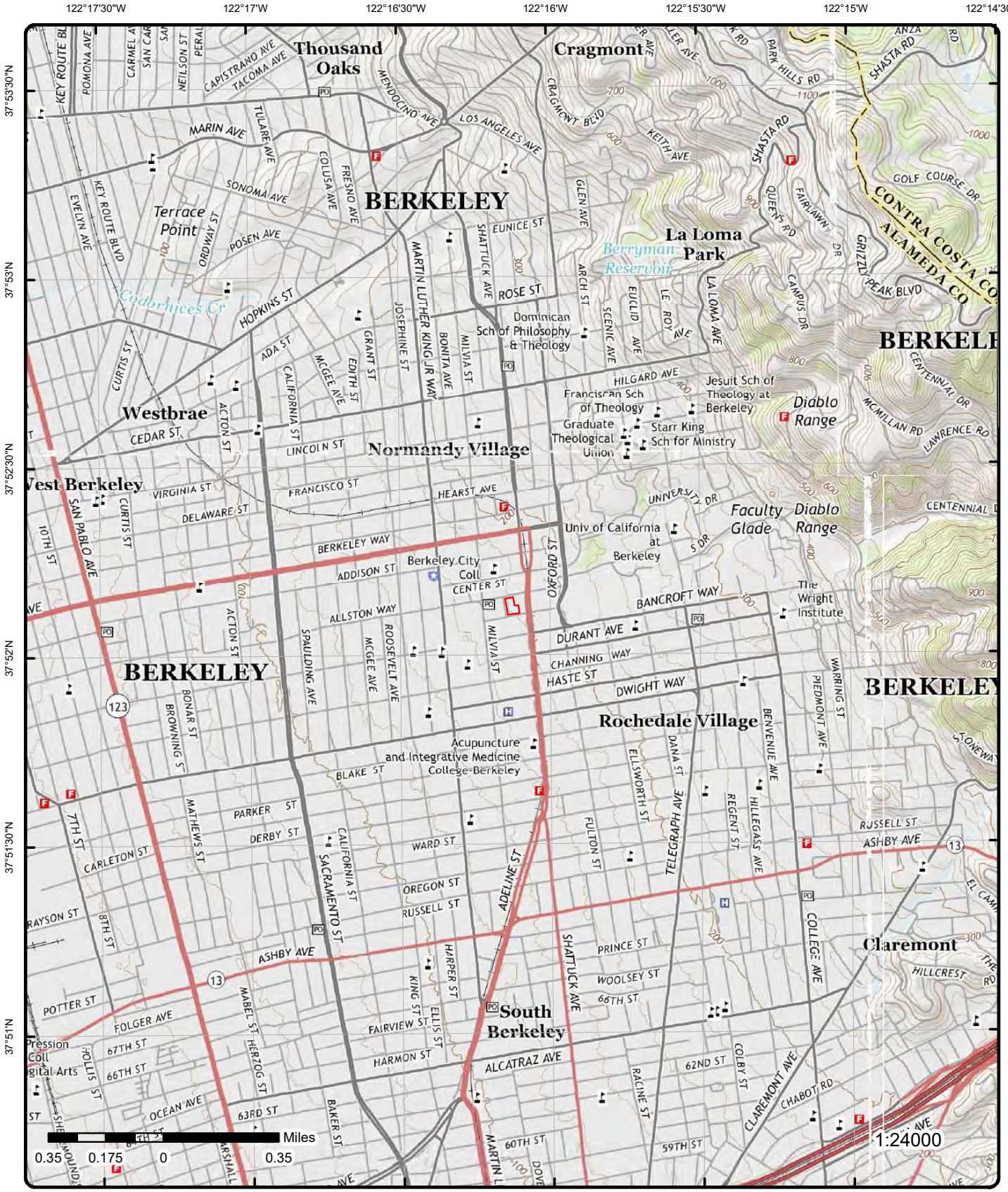

Topographic Map **Year: 2015**

Address: CA Ventures - 2060 Allston Way, CA

Quadrangle(s): Oakland West,CA; Oakland East,CA; Briones Valley,CA; Richmond,CA

Source: USGS Topographic Map

Order Number: 21011300708

ERIS ENVIRONMENTAL RISK INFORMATION SERVICES

© ERIS Information Inc.

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 1	SE	0.00 / 17.63	182.21 / -1	BERKELEY CENTER 2065 KITTREDGE ST STE D3 BERKELEY CA 947041404	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC002620676
Create Date: 8/27/2007
Fac Act Ind: No
Inact Date: 2/24/2008
County Code: 01
County Name: Alameda
Mail Name:
Mailing Addr 1: 1701 SPRUCE ST
Mailing Addr 2:
Owner Fax:

Mailing City: BERKELEY
Mailing State: CA
Mailing Zip: 947091717
Region Code: 2
Owner Name: NFLP BERKELEY CENTER DE LLC
Owner Addr 1: 1701 SPRUCE ST
Owner Addr 2:
Owner City: BERKELEY
Owner State: CA
Owner Zip: 947091717
Owner Phone: 5108485485

Contact Information
-- --
Contact Name: ROY NEE
Street Address 1: 2065 KITTREDGE ST STE D3
Street Address 2:
City: BERKELEY
State: CA
Zip: 947041404
Phone: 5108485485
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 4	N	0.00 / 19.44	182.11 / -1	NFLP BERKELEY CENTER DE LLC 2070 ALSTON WAY BERKELEY CA 94704	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC002585040
Create Date: 12/15/2004
Fac Act Ind: No
Inact Date: 8/16/2005
County Code: 01
County Name: Alameda
Mail Name:
Mailing Addr 1: 1701 BRUCE ST
Mailing Addr 2:
Owner Fax:

Mailing City: BERKELEY
Mailing State: CA
Mailing Zip: 94709
Region Code: 2
Owner Name: NFLP BERKELEY CENTER DE LLC
Owner Addr 1: 1701 BRUCE ST
Owner Addr 2:
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94709
Owner Phone: 4156132242

Contact Information
-- --
Contact Name: ROY NEE
Street Address 1: 1701 BRUCE ST
Street Address 2:
City: BERKELEY
State: CA
Zip: 94709
Phone: 4156132242
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	2 of 4	N	0.00 / 19.44	182.11 / -1	INNOMEDIA INC 2070 ALLSTON WY STE 200 BERKELEY CA 94704	HAZNET

SIC Code:
NAICS Code:
EPA ID: CAC002559586
Create Date: 12/6/2002
Fac Act Ind: No
Inact Date: 8/19/2003
County Code: 01
County Name: Alameda
Mail Name:
Mailing Addr 1: 90 Rio Robles
Mailing Addr 2:
Owner Fax:

Mailing City: San Jose
Mailing State: CA
Mailing Zip: 95134
Region Code: 2
Owner Name: Innomedia Inc
Owner Addr 1: 90 Rio Robles
Owner Addr 2:
Owner City: San Jose
Owner State: CA
Owner Zip: 95134
Owner Phone: 4084925400

Contact Information
-- --
Contact Name: Tim Murphy/operation mgr
Street Address 1: 90 Rio Robles
Street Address 2:
City: San Jose
State: CA
Zip: 95134
Phone: 4084925400
-- --

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	3 of 4	N	0.00 / 19.44	182.11 / -1	ALAN KROPP & ASSOCIATESNA INC. 2070 ALLSTON WY STE 2 BERKELEY CA 94704	FINDS/FRS

Registry ID: 110066739747
FIPS Code:
HUC Code: 18050002
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 14-OCT-15
Update Date:
Interest Types: STATE MASTER
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 09
Census Block Code: 060014229002022
EPA Region Code: 09
County Name: ALAMEDA
US/Mexico Border Ind:
Latitude: 37.86912
Longitude: -122.26872
Reference Point: CENTER OF A FACILITY OR STATION
Coord Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value: 30
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110066739747
Program Acronyms:

CA-ENVIROVIEW:3913

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	4 of 4	N	0.00 / 19.44	182.11 / -1	ALAN KROPP & ASSOCIATES, INC. 2070 Allston WAY STE 2 CA	BERKELEY CUPA

Facility ID: FA0000433

Additional Information

Program Element:	4200 - HMBP	**Postal Address:**	2140 Shattuck Avenue, Suite 910
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	Alan Kropp	**Postal State:**	CA
City:	Berkeley	**Postal Zip:**	94708

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	1 of 8	SSE	0.01 / 38.35	180.39 / -2	1X BERKELEY PUBLIC LIBRARY 2090 KITTRIDGE BERKELEY CA 947040000	HAZNET

SIC Code:		**Mailing City:**	BERKELEY
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC000011817	**Mailing Zip:**	947040000
Create Date:	5/18/1987	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	--
Inact Date:	10/25/2000	**Owner Addr 1:**	--
County Code:	01	**Owner Addr 2:**	
County Name:	Alameda	**Owner City:**	--
Mail Name:		**Owner State:**	99
Mailing Addr 1:	2090 KITTRIDGE	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information

--	--
Contact Name:	LARRY GROCE
Street Address 1:	--
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	4156446095
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	2 of 8	SSE	0.01 / 38.35	180.39 / -2	BERKELEY PUBLIC LIBRARY 2090 KITTREDGE BERKELEY CA 947040000	HAZNET

SIC Code:		**Mailing City:**	BERKELEY
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC001175040	**Mailing Zip:**	947040000
Create Date:	12/3/1998	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	CITY OF BERKELEY
Inact Date:	12/31/1899	**Owner Addr 1:**	2090 KITTREDGE
County Code:	01	**Owner Addr 2:**	
County Name:	Alameda	**Owner City:**	BERKELEY
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	2180 MIVIA	**Owner Zip:**	947040000
Mailing Addr 2:		**Owner Phone:**	5106446095
Owner Fax:			

Contact Information

--	--
Contact Name:	ELENA ENGLR /PROJ MGR
Street Address 1:	2090 KITTREDGE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Street Address 2:	
City:	BERKELEY
State:	CA
Zip:	947040000
Phone:	5106446095
--	--
--	--
Tanner Information	
--	--
Generator EPA ID:	CAC001175040
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAD981382732
TSD County Code:	01
TSD County:	Alameda
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	33.712
Year:	1998
--	--
Generator EPA ID:	CAC001175040
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAD981382732
TSD County Code:	01
TSD County:	Alameda
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	102.8216
Year:	1999
--	--
Generator EPA ID:	CAC001175040
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	181
State Waste Code Desc.:	Other inorganic solid waste
Method Code:	H01
Method Description:	Transfer station
Tons:	0.4214
Year:	1999
--	--
Generator EPA ID:	CAC001175040
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAT080033681
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	0.285
Year:	1999
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	3 of 8	SSE	0.01 / 38.35	180.39 / -2	CITY OF BERKELEY LIBRARY 2090 KITTRIDGE BERKELEY CA 947040000	HAZNET

SIC Code:		**Mailing City:**	BERKELEY
NAICS Code:		**Mailing State:**	CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EPA ID:	CAC001207856	**Mailing Zip:**	947040000
Create Date:	11/28/1995	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	--
Inact Date:	10/25/2000	**Owner Addr 1:**	--
County Code:	01	**Owner Addr 2:**	
County Name:	Alameda	**Owner City:**	--
Mail Name:		**Owner State:**	99
Mailing Addr 1:	2090 KITTRIDGE	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information

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Contact Name:	BOB BATY
Street Address 1:	2090 KITTRIDGE
Street Address 2:	
City:	BERKELEY
State:	CA
Zip:	947040000
Phone:	5106493925
--	--
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Tanner Information

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Generator EPA ID:	CAC001207856
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAL000027741
TSD County Code:	05
TSD County:	Calaveras
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.2107
Year:	1995
--	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	4 of 8	SSE	0.01 / 38.35	180.39 / -2	CITY OF BERKELEY PUBLIC LIBRARY 2090 KITTREDGE BERKELEY CA 947040000	HAZNET

SIC Code:		**Mailing City:**	BERKELEY
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC002204921	**Mailing Zip:**	947040000
Create Date:	2/1/2000	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	CITY OF BERKELEY
Inact Date:	10/25/2000	**Owner Addr 1:**	2150 KITTREDGE 4TH FLOOR
County Code:	01	**Owner Addr 2:**	
County Name:	Alameda	**Owner City:**	BERKELEY
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	2150 KITTREDGE 4TH FLOOR	**Owner Zip:**	947040000
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information

--	--
Contact Name:	RON JOHNSON
Street Address 1:	2150 KITTREDGE 4TH FLOOR
Street Address 2:	
City:	BERKELEY
State:	CA
Zip:	947040000
Phone:	9259445060
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--	--

Tanner Information

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

--	--
Generator EPA ID:	CAC002204921
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H01
Method Description:	Transfer station
Tons:	0.8428
Year:	2000
--	--

3	5 of 8	SSE	0.01 / 38.35	180.39 / -2	CITY OF BERKELEY 2090 KITTREBGE BERKELEY CA 947040000	HAZNET

SIC Code:		Mailing City:	BERKELEY
NAICS Code:		Mailing State:	CA
EPA ID:	CAC001222208	Mailing Zip:	947040000
Create Date:	11/19/1996	Region Code:	2
Fac Act Ind:	No	Owner Name:	CITY OF BERKELEY
Inact Date:	10/25/2000	Owner Addr 1:	2001 ADDISON ST
County Code:	01	Owner Addr 2:	
County Name:	Alameda	Owner City:	BERKELEY
Mail Name:		Owner State:	CA
Mailing Addr 1:	2001 ADDISON ST	Owner Zip:	947040000
Mailing Addr 2:		Owner Phone:	5106446540
Owner Fax:			

Contact Information

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Contact Name:	JEAN CRLOSS
Street Address 1:	2001 ADDISON ST
Street Address 2:	
City:	BERKELEY
State:	CA
Zip:	947040000
Phone:	5106446540
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Tanner Information

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Generator EPA ID:	CAC001222208
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAD982042475
TSD County Code:	48
TSD County:	Solano
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.4214
Year:	1996
--	--
Generator EPA ID:	CAC001222208
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAD028409019
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	352
State Waste Code Desc.:	Other organic solids
Method Code:	H01
Method Description:	Transfer station

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tons:	1.4
Year:	1997
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3 | **6 of 8** | **SSE** | **0.01 / 38.35** | **180.39 / -2** | **BERKELEY PUBLIC LIBRARY**
2090 KITTREDGE
BERKELEY CA 947040000 | **HAZNET**

SIC Code:		**Mailing City:**	BERKELEY
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC002361279	**Mailing Zip:**	947040000
Create Date:	4/23/2001	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	CITY OF BERKELEY
Inact Date:	1/11/2002	**Owner Addr 1:**	2180 MILVIA
County Code:	01	**Owner Addr 2:**	
County Name:	Alameda	**Owner City:**	BERKELEY
Mail Name:	RON JOHNSON	**Owner State:**	CA
Mailing Addr 1:	2180 MILVIA	**Owner Zip:**	947040000
Mailing Addr 2:		**Owner Phone:**	9259445060
Owner Fax:			

Contact Information

--	--
Contact Name:	BARBARA ALIMADADAAN/RESTEC
Street Address 1:	--
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	5107321996
--	--
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Tanner Information

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Generator EPA ID:	CAC002361279
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAD981382732
TSD County Code:	01
TSD County:	Alameda
State Waste Code:	151
State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	0.8428
Year:	2001
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3 | **7 of 8** | **SSE** | **0.01 / 38.35** | **180.39 / -2** | **BERKELEY PUBLIC LIBRARY**
2090 KITTREDGE ST
BERKELEY CA 947040000 | **HAZNET**

SIC Code:		**Mailing City:**	BERKELEY
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC000767528	**Mailing Zip:**	947040000
Create Date:	2/3/1997	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	BERKELEY PUBLIC LIBRARY
Inact Date:	12/31/1899	**Owner Addr 1:**	--
County Code:	01	**Owner Addr 2:**	
County Name:	Alameda	**Owner City:**	--
Mail Name:		**Owner State:**	99
Mailing Addr 1:	2090 KITTREDGE ST	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Name:	BOB BATY/BLDG MAINT SUPERV
Street Address 1:	--
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	5106493925
--	--

3 | **8 of 8** | **SSE** | **0.01 / 38.35** | **180.39 / -2** | **2090 KITTRIDGE BERKELEY CA 947040000** | **HIST MANIFEST**

Gen EPA ID:	CAC000011817
Create Date:	5/18/1987 0:00:00
Inact Date:	10/25/2000 0:00:00
Facility Mail Street:	2090 KITTRIDGE
Facility Mail City:	BERKELEY
Facility Mail State:	CA
Facility Mail Zip:	947040000
Contact Phone(s):	4156446095
File Year(s):	1987
Contact Name(s):	LARRY GROCE

Tanner Information

Method Description:	
Tons:	1.68
Year:	1987
Generator County Code:	1
Generator County:	
Method Code:	D80
Tsd County Code:	45
Tsd County:	Shasta
State Waste Code:	151
State Waste Code Desc:	Asbestos containing waste
Tsd Epa ID:	CAD981388952

Tanner Information

Method Description:	
Tons:	0
Year:	1987
Generator County Code:	1
Generator County:	
Method Code:	
Tsd County Code:	45
Tsd County:	Shasta
State Waste Code:	
State Waste Code Desc:	
Tsd Epa ID:	CAD981388952

4 | **1 of 2** | **WSW** | **0.01 / 38.66** | **177.76 / -5** | **ARMSTRONG UNIVERSITY 2222 HAROLD WAY BERKELEY CA 947040000** | **HAZNET**

SIC Code:		**Mailing City:**	EMERYVILLE
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC001265392	**Mailing Zip:**	946080000
Create Date:	6/18/1997	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	ARMSTRONG PROPERTIES INC
Inact Date:	10/25/2000	**Owner Addr 1:**	1260 45TH ST
County Code:	01	**Owner Addr 2:**	
County Name:	Alameda	**Owner City:**	EMERYVILLE
Mail Name:	RGA ENVIRONMENTAL	**Owner State:**	CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Mailing Addr 1:	1260 45TH ST	**Owner Zip:**	946080000
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information

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Contact Name:	PAUL KING
Street Address 1:	1260 45TH ST
Street Address 2:	
City:	EMERYVILLE
State:	CA
Zip:	946080000
Phone:	5106584363
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Tanner Information

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Generator EPA ID:	CAC001265392
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAD980887418
TSD County Code:	01
TSD County:	Alameda
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	4.75
Year:	1997
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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	2 of 2	WSW	0.01 / 38.66	177.76 / -5	ARMSTRONG PROPERTIES INC 2222 HAROLD WAY BERKELEY CA 947040000	HAZNET

SIC Code:		**Mailing City:**	DAVIS
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC000765384	**Mailing Zip:**	956160000
Create Date:	11/15/1996	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	ARMSTRONG PROPERTIES INC
Inact Date:	10/25/2000	**Owner Addr 1:**	231 "D" ST, #E
County Code:	01	**Owner Addr 2:**	
County Name:	Alameda	**Owner City:**	DAVIS
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	231 "D" ST, #E	**Owner Zip:**	956160000
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information

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Contact Name:	KATHY TERLECKY
Street Address 1:	231 "D" ST, #E
Street Address 2:	
City:	DAVIS
State:	CA
Zip:	956160000
Phone:	9167586370
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Tanner Information

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Generator EPA ID:	CAC000765384
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAL000027741
TSD County Code:	05
TSD County:	Calaveras
State Waste Code:	151

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

State Waste Code Desc.:	Asbestos containing waste
Method Code:	D80
Method Description:	Disposal, landfill
Tons:	61.5244
Year:	1996
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5 | **1 of 2** | **S** | **0.01 / 38.73** | **179.40 / -3** | **LIBRARY GARDENS GARAGE-81238**
2020 KITTREDGE ST STE A
BERKELEY CA 947041444 | **HAZNET**

SIC Code:	9999	**Mailing City:**	BERKELEY
NAICS Code:	99999	**Mailing State:**	CA
EPA ID:	CAL000355822	**Mailing Zip:**	947041444
Create Date:	8/16/2010 11:10:14 AM	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	STANDARD PARKING CORP
Inact Date:	6/30/2011	**Owner Addr 1:**	1055 W 7TH ST STE 1500
County Code:	01	**Owner Addr 2:**	
County Name:	Alameda	**Owner City:**	LOS ANGELES
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	2020 KITTREDGE ST STE A	**Owner Zip:**	900175599
Mailing Addr 2:		**Owner Phone:**	2134883100
Owner Fax:	2132360601		

Contact Information

--	--
Contact Name:	MULUNEH TAYE
Street Address 1:	2020 KITTREDGE ST STE A
Street Address 2:	
City:	BERKELEY
State:	CA
Zip:	947041444
Phone:	5106651660
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5 | **2 of 2** | **S** | **0.01 / 38.73** | **179.40 / -3** | **2020 KITTREDGE LLC**
2020 KITTREDGE ST
BERKELEY CA 947041427 | **HAZNET**

SIC Code:		**Mailing City:**	OAKLAND
NAICS Code:		**Mailing State:**	CA
EPA ID:	CAC002601957	**Mailing Zip:**	946073690
Create Date:	3/29/2006	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	2020 KITTREDGE LLC
Inact Date:	9/26/2006	**Owner Addr 1:**	555 12TH ST STE 215
County Code:	01	**Owner Addr 2:**	
County Name:	Alameda	**Owner City:**	OAKLAND
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	555 12TH ST STE 215	**Owner Zip:**	946073690
Mailing Addr 2:		**Owner Phone:**	5106584363
Owner Fax:			

Contact Information

--	--
Contact Name:	ERIC LYNGER
Street Address 1:	555 12TH ST STE 215
Street Address 2:	
City:	OAKLAND
State:	CA
Zip:	946073690
Phone:	5106584363
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Tanner Information

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Generator EPA ID:	CAC002601957

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAD980887418
TSD County Code:	01
TSD County:	Alameda
State Waste Code:	221
State Waste Code Desc.:	Waste oil and mixed oil
Method Code:	R01
Method Description:	Recycler
Tons:	0.57
Year:	2006
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Generator EPA ID:	CAC002601957
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAD009466392
TSD County Code:	07
TSD County:	Contra Costa
State Waste Code:	512
State Waste Code Desc.:	Other empty containers 30 gallons or more
Method Code:	R01
Method Description:	Recycler
Tons:	0.45
Year:	2006
--	--

6	1 of 2	W	0.01 / 39.55	178.29 / -5	**DEJA VU PUBLISHING** **2210 HAROLD WY** **BERKELEY CA 947040000**	HAZNET

SIC Code:		**Mailing City:**	BERKELEY
NAICS Code:	5111	**Mailing State:**	CA
EPA ID:	CAL000082827	**Mailing Zip:**	947040000
Create Date:	6/14/1993	**Region Code:**	2
Fac Act Ind:	No	**Owner Name:**	DEJA VU PUBLISHING
Inact Date:	6/30/2003	**Owner Addr 1:**	2210 HAROLD WAY
County Code:	01	**Owner Addr 2:**	
County Name:	Alameda	**Owner City:**	BERKELEY
Mail Name:		**Owner State:**	CA
Mailing Addr 1:	2210 HAROLD WY	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information

--	--
Contact Name:	SHAWN MOUNTCASTLE
Street Address 1:	2210 HAROLD WY
Street Address 2:	
City:	BERKELEY
State:	CA
Zip:	947040000
Phone:	8004335288
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Tanner Information

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Generator EPA ID:	CAL000082827
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAD044429835
TSD County Code:	19
TSD County:	Los Angeles
State Waste Code:	343
State Waste Code Desc.:	Unspecified organic liquid mixture
Method Code:	D99
Method Description:	Disposal, other
Tons:	0.204
Year:	2001

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

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Generator EPA ID:	CAL000082827
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	CAL000121946
TSD County Code:	21
TSD County:	Marin
State Waste Code:	541
State Waste Code Desc.:	Photochemicals/photoprocessing waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.2502
Year:	1997
--	--
Generator EPA ID:	CAL000082827
Generator County Code:	01
Generator County:	Alameda
TSD EPA ID:	
TSD County Code:	
TSD County:	
State Waste Code:	541
State Waste Code Desc.:	Photochemicals/photoprocessing waste
Method Code:	R01
Method Description:	Recycler
Tons:	0.0208
Year:	1993
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6 | **2 of 2** | **W** | **0.01 / 39.55** | **178.29 / -5** | **DEJA VU PUBLISHING**
2210 HAROLD WAY
BERKELEY CA 947040000 | **HAZNET**

SIC Code:		Mailing City:	BERKELEY
NAICS Code:		Mailing State:	CA
EPA ID:	CAC002346351	Mailing Zip:	947040000
Create Date:	3/5/2001	Region Code:	2
Fac Act Ind:	No	Owner Name:	DEJA VU PUBLISHING
Inact Date:	9/11/2001	Owner Addr 1:	2210 HAROLD WAY
County Code:	01	Owner Addr 2:	
County Name:	Alameda	Owner City:	BERKELEY
Mail Name:		Owner State:	CA
Mailing Addr 1:	2210 HAROLD WAY	Owner Zip:	--
Mailing Addr 2:		Owner Phone:	5106441600
Owner Fax:			

Contact Information

--	--
Contact Name:	JOHN PETERSON
Street Address 1:	INACT PER 98VQ FINAL NOTICE
Street Address 2:	- BATCH 4/27
City:	BERKELEY
State:	CA
Zip:	--
Phone:	--
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7 | **1 of 2** | **NW** | **0.01 / 73.05** | **178.06 / -5** | **1X HOGLAND, BOGART & BERTERO**
2043 ALLSTON WY
BERKELEY CA 947040000 | **HAZNET**

SIC Code:		Mailing City:	BERKELEY
NAICS Code:		Mailing State:	CA
EPA ID:	CAX000064931	Mailing Zip:	947040000
Create Date:	2/11/1984	Region Code:	2
Fac Act Ind:	No	Owner Name:	--
Inact Date:	4/30/1986	Owner Addr 1:	--

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

County Code:	01	**Owner Addr 2:**	
County Name:	Alameda	**Owner City:**	--
Mail Name:		**Owner State:**	99
Mailing Addr 1:	2150 SHATTUCK AVE	**Owner Zip:**	--
Mailing Addr 2:		**Owner Phone:**	0000000000
Owner Fax:			

Contact Information

--	--
Contact Name:	--
Street Address 1:	--
Street Address 2:	
City:	--
State:	99
Zip:	--
Phone:	4156441752
--	--

7	2 of 2	NW	0.01 / 73.05	178.06 / -5	2043 ALLSTON WY BERKELEY CA 947040000	HIST MANIFEST

Gen EPA ID:	CAX000064931
Create Date:	02/11/1984 0:00
Inact Date:	4/30/1986 0:00:00
Facility Mail Street:	2150 SHATTUCK AVE
Facility Mail City:	BERKELEY
Facility Mail State:	CA
Facility Mail Zip:	947040000
Contact Phone(s):	4156441752
File Year(s):	1984
Contact Name(s):	--

Tanner Information

Method Description:	
Tons:	0
Year:	1984
Generator County Code:	1
Generator County:	
Method Code:	
Tsd County Code:	7
Tsd County:	
State Waste Code:	
State Waste Code Desc:	
Tsd Epa ID:	CAD041844002

Tanner Information

Method Description:	
Tons:	5.89
Year:	1984
Generator County Code:	1
Generator County:	
Method Code:	D80
Tsd County Code:	7
Tsd County:	
State Waste Code:	151
State Waste Code Desc:	Asbestos containing waste
Tsd Epa ID:	CAD041844002

8	1 of 2	NE	0.02 / 109.32	184.26 / 1	HOTEL SHATTUCK PLAZA 2086 Allston WAY CA	BERKELEY CUPA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID: FA0000771

Additional Information

Program Element:	4200 - HMBP	***Postal Address:***	2086 Allston Way
Billing Status:	01 - ACTIVE, CUPA	***Postal Address 2:***	
Owner:	BPR Properties	***Postal State:***	CA
City:	Berkeley	***Postal Zip:***	94704
Program Element:	GB01 - GREEN BUSINESS	***Postal Address:***	2086 Allston Way
Billing Status:	02 - INACTIVE, NON-BILLABLE	***Postal Address 2:***	
Owner:	BPR Properties	***Postal State:***	CA
City:	Berkeley	***Postal Zip:***	94704
Program Element:	SW02 - STORMWATER	***Postal Address:***	2086 Allston Way
Billing Status:	01 - ACTIVE, CUPA	***Postal Address 2:***	
Owner:	BPR Properties	***Postal State:***	CA
City:	Berkeley	***Postal Zip:***	94704

8	***2 of 2***	***NE***	***0.02 / 109.32***	***184.26 / 1***	***HOTEL SHATTUCK PLAZA 2086 ALLSTON WAY BERKELEY CA 94704***	***CERS HAZ***

Site ID: 123300
Latitude: 37.869217
Longitude: -122.268877
County: Alameda County

Regulated Programs

EI ID: 10196836 ***EI Description:*** Chemical Storage Facilities

Violations

Violation Date: 03/10/2016 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Notes:

Returned to compliance on 04/18/2016. Needs to submit in CERS Emergency response and training plan.

Violation Description:

Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violations

Violation Date: 03/01/2017 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Notes:

Returned to compliance on 04/11/2017. Non Inspection related Notice of Violation: Failure to report a current Hazardous Materials Business Plan

Violation Description:

Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violations

Violation Date: 04/01/2020 ***Violation Source:*** CERS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Notes:

Returned to compliance on 04/14/2020. Non-inspection driven violation: received 1st NOV for late HMBP certification.

Violation Description:

Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violations

Violation Date: 02/20/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 06/13/2019. The site maps submitted in the most recent HMBP do not include the north direction, storm/sewer drains, internal roads, emergency shutoffs, evacuation staging area, and emergency equipment. The site maps also do not indicate which level of the building is shown, or the north side alleyway and exit. Corrective action: Complete and submit site maps that include all required information as noted above and per HSC 25505(a)(2), levels and all exit points. 3/21/2019 - Facility submitted in CERS. 3/26/19 - submittal not accepted, extension to 4/10/2019 3/27/2019 - Call from Alex Desquiron, new Director of Operations. He indicates there has been personnel changes and he is working on the corrections. Gave an additional extension to 4/27/2019. 4/27/2019 - HMBP submitted and not accepted by TMD on 5/1/2019 and gave till 5/15/2019 for corrections 5/15/2019 - issued second notice of violation with correction due 5/30/2019 5/22/2019 - Call from James Mitchell. He is now [Truncated]

Violation Description:

Failure to complete and electronically submit a site map with all required content.

Violations

Violation Date: 02/20/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Notes:

Returned to compliance on 06/13/2019. The facility did not update the Hazardous Materials Business Plan in CERS within 30 days of the increase of storage or change in emergency contacts. The inventory lists a maximum daily storage quantity of 175 cubic feet of carbon dioxide. Observed storage of six cylinders of carbon dioxide. The cylinders appear to be approximately 50 pounds each. Please confirm with your supplier. The primary emergency contact and secondary emergency contact listed on the Business Owner Operator form, Greg Mauldin, is no longer working at the location and this information was not updated within 30 days of the change. Corrective action: Update the inventory to reflect the maximum daily storage amount and the Business Owner Operator form and submit in CERS. 3/21/2019 - Facility submitted in CERS. 3/26/19 - submittal not accepted, extension to 4/10/2019 3/27/2019 - Call from Alex Desquiron, new Director of Operations. He indicates there has been personnel changes and he is working [Truncated]

Violation Description:

Failure to electronically update business plan within 30 days of any one of the following events:
A 100 percent or more increase in the quantity of a previously disclosed material.
Any handling of a previously undisclosed hazardous materials at or above reportable quantities.
A change of business address, business ownership, or business name.
A substantial change in the handler's operations that requires modification to any portion of the business plan.

Violations

Violation Date: 02/20/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 06/13/2019. The Hazardous Materials and Chemicals Hazard Communication Program document is uploaded as the Emergency Response Plan. This program does not include procedures for a release or threatened release of a hazardous material at the site, including immediate notification of ER Corrective action: Prepare and submit an emergency response plan that includes immediate notification of ER personnel, TMD and OES; identification of local emergency medical assistance; mitigation, prevention, or abatement of hazards; immediate notification and evacuation, as appropriate; identification of earthquake vulnerable areas or mechanical systems; scaled appropriately. You may use the CERS template

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

or your own emergency plan. 3/21/2019 - Facility submitted in CERS. 3/26/19 - submittal not accepted, extension to 4/10/2019 3/27/2019 - Call from Alex Desquiron, new Director of Operations. He indicates there has been personnel changes and he is working on the corrections. Gave an additional [Truncated]

Violation Description:

Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violations

Violation Date: 02/20/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 06/13/2019. The Hazardous Materials and Chemicals Hazard Communication Program is uploaded as the training program in the CERS submittal. This program does not include safety procedures in the event of a release or threatened release of a hazardous material, use of emergency response equipment and supplies and emergency response procedures. The program does not include provisions to ensure that appropriate personnel receive refresher training annually. Corrective action: Prepare and submit a training program that meets all requirements of HSC 25505(a)(4) and 19 CCR 2659. 3/21/2019 - Facility submitted in CERS. 3/26/19 - submittal not accepted, extension to 4/10/2019 3/27/2019 - Call from Alex Desquiron, new Director of Operations. He indicates there has been personnel changes and he is working on the corrections. Gave an additional extension to 4/27/2019. 4/27/2019 - HMBP submitted and not accepted by TMD on 5/1/2019 and gave till 5/15/2019 for corrections 5/15/2019 - issued [Truncated]

Violation Description:

Failure to establish and electronically submit an adequate training program in safety procedures in the event of a release or threatened release of a hazardous material.

Enforcements

Enf Action Date: 04/05/2017 ***Enf Action Program:*** HMRRP
Enf Action Type: Notice of Violation (Unified Program) ***Enf Action Source:*** CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

FAILURE TO SUBMIT AN ELECTRONIC HAZARDOUS MATERIALS BUSINESS PLAN (HMBP) BY MARCH 1ST.

Enf Action Date: 05/15/2019 ***Enf Action Program:*** HMRRP
Enf Action Type: Notice of Violation (Unified Program) ***Enf Action Source:*** CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Evaluations

Eval Date: 02/20/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Onsite to review compliance with the Hazardous Materials Business Plan program. Met with Danny Sarto. You are required to review, update, certify and submit your Hazardous Materials Business Plan by March 1, 2019. This is required to be completed annually by March 1. The training records were not reviewed during the inspection. Danny believes these are maintained by Human Resources. Please provide Toxics Management Division (TMD) with copies of the training records confirming that employees are trained annually on emergency response, including use of emergency response equipment, methods of safe handling of hazardous materials, etc. In January 2018, the California Environmental Protection Agency (CalEPA) adopted 24 New Federal Hazard Categories for use in chemical inventory reporting as part of the annual hazardous materials inventory reporting of the

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Materials Business Plan (HMBP) submittal in CERS. The 1/17/2018 submittal did not identify these updated [Truncated]; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 03/15/2017
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 04/01/2020
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Non-inspection driven violation: received 1st NOV for late HMBP certification.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 03/10/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

HMBP inspection and Stormwater. Recommendation to service/provide approved eye wash station.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Environmental Contact
Entity Name: James Mitchell
Entity Title:
Address: 2086 Allston Way
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone:

Affil Type Desc: Property Owner
Entity Name: BPR Berkeley owners, LLC
Entity Title:
Address: gm@hotelshattuckplaza.com
City: Berkeley
State: CA
Country: United States

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Zip Code: 94704
Phone: (510) 225-6023

Affil Type Desc: Document Preparer
Entity Name: Alex Desquiron
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 2086 Allston Way
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone:

Affil Type Desc: Identification Signer
Entity Name: Alex Desquiron
Entity Title: Director of Operations
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Parent Corporation
Entity Name: HOTEL SHATTUCK PLAZA
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: HOTEL SHATTUCK PLAZA
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 225-6001

Affil Type Desc: Legal Owner
Entity Name: BPR Properties
Entity Title:
Address: 2086 Allston Way
City: Berkeley
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 845-7300

Coordinates

Env Int Type Code:	HMBP	***Longitude:***	-122.268880
Program ID:	10196836	***Coord Name:***	
Latitude:	37.869220	***Ref Point Type Desc:***	Center of a facility or station.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	1 of 1	E	0.03 / 178.25	185.85 / 3	BURGER MEISTER 2237 Shattuck AVE CA	BERKELEY CUPA

Facility ID: FA0001103

Additional Information

Program Element: 4200 - HMBP
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: Ali Ereikat
City: Berkeley
Postal Address: 2237 Shattuck Ave
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	1 of 2	ESE	0.04 / 186.87	185.03 / 2	ANGELINE'S LOUISIANA KITCHEN 2261 Shattuck AVE CA	BERKELEY CUPA

Facility ID: FA0001102

Additional Information

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: Tempe Minaga-Teves
City: Berkeley
Postal Address: 2261 Shattuck Ave.
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	2 of 2	ESE	0.04 / 186.87	185.03 / 2	ANGELINE'S LOUISIANA KITCHEN 2261 SHATTUCK AVE BERKELEY CA 94704	CERS HAZ

Site ID: 410685
Latitude: 37.868181
Longitude: -122.267605
County: Alameda County

Regulated Programs

EI ID: 10710541
EI Description: Chemical Storage Facilities

Violations

Violation Date: 01/18/2017
Violation Source: CERS
Violation Program: HMRRP
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 02/15/2017. Inadequate completion and electronic submission of Emergency Response Plan and procedures. Hazardous Materials Business Plans are required to be complete and accurate. The Emergency Response and Contingency plan does not include emergency equipment location information and location for vulnerable areas. Corrective Action: Please update the Emergency Response Plan and add emergency equipment locations, and vulnerable areas location.

Violation Description:

Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violations

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation Date: 10/04/2016 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Notes:

Returned to compliance on 11/09/2016. Facility failed to establish and implement required hazardous materials business plan (HMBP). The facility exceed the specified thresholds of hazardous materials required to submit HMBP in accordance with BMC 15.12.050. Therefore the facility meet the requirement to report hazardous materials inventory and submit HMBP. Corrective Action: Please establish hazardous materials business plan by November 5, 2016. To complete HMBP go to cers.calepa.ca.gov and create and account. Steps: 1. Create a CERS account 2.Complete facility information: Business activities and business owner operator 3. Report a complete list of Hazardous Materials Inventory. 4. Create and/or upload a site map. 5. Upload emergency response plan 6. Implement employee training plan.

Violation Description:

Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.

Violations

Violation Date: 01/18/2017 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 02/15/2017. Inadequate completion and electronic submission of hazardous materials information. Hazardous Materials Business Plan are required to be complete and accurate. The following deficiencies were noted in the inventory statement: Common names were entered incorrectly, some materials observed during the inspection were not entered in the hazardous materials inventory list. Corrective Action: Please update hazardous materials inventory and correct the following deficiencies. Enter the proper common name of cleaning supplies, and enter missing materials found during the inspection into the hazmat inventory (Powder bleach cleanser, solution QA Ultra, reliance liquid hand soap, enviro suds, sysco bleach, keystone water based stainless steel polish, keystone powder bleach cleanser, and floor cleaner)

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 01/18/2017 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 02/15/2017. Inadequate completion and electronic submission of annotated site map with all required content. Hazardous Materials Business Plans are required to be complete and accurate. The following deficiencies were noted in the site map: The required information missing - Identification of every room, emergency shutoff/gas shutoff, loading and unloading area, evacuation area, street bordering the facility, stormwater drain, and sanitary sewer drain. Corrective Action: Please update the site map and add the additional required missing information.

Violation Description:

Failure to complete and electronically submit a site map with all required content.

Violations

Violation Date: 02/13/2020 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Federal hazard classes need to be completed for all materials. Please add federal hazard class to all hazardous materials in the chemical inventory system.

Violation Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Evaluations

Eval Date: 01/18/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Toxics Management Division (Jewel Mauricio) arrived on-site and met with Tempe Minaga-Teves to assist with the Hazardous Materials Business Plan (HMBP) and Stormwater Program's initial routine inspection. The inspection entails of confirming the facility's business and activities, business operator information, hazardous materials inventory, emergency/contingency plan and training plan. Observation: - No changes in business activities, business operator information from the last submission. - The facility will need to update and correct deficiencies for hazardous materials inventory list. - The site map is missing required information such as emergency shutoff, loading/unloading area, identification of the rooms, and evacuation area. - Will need to add location for emergency equipments. - Fire extinguisher's are up to date for 2016 (The next fire extinguisher inspection is on March 2017). - Employee training have been implemented.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/04/2016
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Conducted screening for hazardous materials and hazardous waste. If the facility store or handle hazardous materials or hazardous waste in combined quantities in amount >= 55 gal for liquids, 500 lbs for solids, and 200 cubic feet of compressed gases must submit hazardous materials business plan (HMBP). Hazardous materials observed during this inspection: Storage area- 3 gal autochlor, 4 gal mach dry mate, 1 gal mach washmate, 3.96 gal authochlor (envirosuds), 3.96 autochlor glass and surface, 1.32 gal floor soap, 1.98 gal autochlor envirosoak, 5.28 autochlor D-grease supreme, 5 gal reliance liquid handsoap, 46 gal cooking oil and (4X) 20# CO2. Universal Waste: the facility have a designated universal waste bin for old/used batteries and fluorescent bulbs.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/13/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Last safety training was on 2/3/2020. Please include safety procedures for C02 cylinders in upcoming training and make sure to log an annual training each year.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Operator
Entity Name: Crescent City Restaurants, LLC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	(510) 548-6900
Affil Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	
Address:	2261 Shattuck Ave.
City:	Berkeley
State:	CA
Country:	
Zip Code:	94704
Phone:	
Affil Type Desc:	Identification Signer
Entity Name:	Tempe Minaga-Teves
Entity Title:	GM
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Document Preparer
Entity Name:	Tempe Minaga-Teves
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Legal Owner
Entity Name:	Tempe Minaga-Teves
Entity Title:	
Address:	2261 Shattuck Ave.
City:	Berkeley
State:	CA
Country:	United States
Zip Code:	94704
Phone:	(510) 548-6900
Affil Type Desc:	Parent Corporation
Entity Name:	ANGELINE'S LOUISIANA KITCHEN
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Environmental Contact
Entity Name:	Tempe Minaga-Teves
Entity Title:	
Address:	2261 Shattuck Ave.
City:	Berkeley
State:	CA
Country:	
Zip Code:	94704
Phone:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	1 of 4	ESE	0.04 / 211.45	184.47 / 2	BEC'S BAR & BISTRO 2271 SHATTUCK AVE CA	BERKELEY CUPA

Facility ID: FA0000844

Additional Information

Program Element: 4200 - HMBP
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: JEAN YVES DUPERRET
City: BERKELEY
Postal Address: 2271 SHATTUCK AVENUE
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	2 of 4	ESE	0.04 / 211.45	184.47 / 2	BECKETT'S IRISH PUB 2271 SHATTUCK AVE CA	BERKELEY CUPA

Facility ID: FA0000780

Additional Information

Program Element: 4200 - HMBP
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: BECKETT'S IRISH PUB
City: BERLKELEY
Postal Address: 2271 SHATTUCK AVENUE
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	3 of 4	ESE	0.04 / 211.45	184.47 / 2	Tupper and Reed 2271 Shattuck AVE CA	BERKELEY CUPA

Facility ID: FA0001116

Additional Information

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: Brian Sheehy
City: BERKELEY
Postal Address: 2271 SHATTUCK AVE
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
11	4 of 4	ESE	0.04 / 211.45	184.47 / 2	Tupper and Reed 2271 SHATTUCK AVE BERKELEY CA 94704	CERS HAZ

Site ID: 419170
Latitude: 37.868149
Longitude: -122.267403
County: Alameda County

Regulated Programs

EI ID: 10196923
EI Description: Chemical Storage Facilities

Violations

Violation Date: 10/28/2016
Violation Program: HMRRP
Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Notes:

Returned to compliance on 03/06/2017. Facility failed to establish required Hazardous Materials Business Plan (HMBP). The facility exceed the specified thresholds of hazardous materials required to submit a HMBP in accordance with BMC 15.12.050. Therefore the facility meet the requirement

to report Hazardous Materials and submit a HMBP. Corrective Action: Please submit required Hazardous Materials Business Plan (HMBP). To create an account, please go to cers.calepa.ca.gov

Violation Description:

Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.

Violations

Violation Date: 11/08/2017 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Notes:

Returned to compliance on 11/08/2017. corrective action: log onto CERS.ca.gov and update required information.

Violation Description:

Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violations

Violation Date: 11/08/2017 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Returned to compliance on 01/03/2018. Corrective Action: Business must conduct training and maintain records for at least 3 years.

Violation Description:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Enforcements

Enf Action Date: 12/19/2016 ***Enf Action Program:*** HMRRP
Enf Action Type: Notice of Violation (Unified Program) ***Enf Action Source:*** CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Enf Action Date: 01/26/2017 ***Enf Action Program:*** HMRRP
Enf Action Type: Notice of Violation (Unified Program) ***Enf Action Source:*** CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

03/25/17: Called Daniel Sheel (Manager) to get an update regarding their HMBP. 03/03/17: Daniel Sheel submitted documents through email and did not upload in CERS. Instructed Daniel sheel to upload the documents in CERS. 03/06/17: Submitted a complete HMBP in CERS.

Evaluations

Eval Date: 11/08/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Onsite for a routine inspection. Facility changed owners and business name. CERS submissions are still under Bec's Bar and Bistro. Facility name and information must be updated. observed 5 nitrogen tanks (2-230cuft , 3-304cuft) and 4 CO2 tanks. No outdoor activity, no potential pollution sources to storm drain.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/28/2016
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Conducted screening for Hazardous Materials and Hazardous Waste. If the facility at any one time during the year, use, handle, store, or generate combined (aggregate) quantities of hazardous materials or hazardous waste in an amount >= 55 gallons for liquids, 500 lbs for solids, 200 cubic ft for compressed gases must submit a Hazardous Materials Business Plan (HMBP). Hazardous Materials observed during this inspection: 1.) One Liquid CO2- approximately 300 lbs which is equivalent to 2,430 cubic ft. 2.) Five 50# Compressed CO2 which is equivalent to 2,025 cubic ft. 3.) Five 304 cubic ft. of N2 which is equal to 1,520 cubic ft. ; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Document Preparer
Entity Name: Chris Mansury
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Identification Signer
Entity Name: Chris Mansury
Entity Title: General Manager
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Parent Corporation
Entity Name: TUPPER AND REED
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: Brian Sheehy
Entity Title:
Address: 2271 SHATTUCK AVE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City: BERKELEY
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 859-4472

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 2271 Shattuck Ave
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone:

Affil Type Desc: Operator
Entity Name: TUPPER AND REED
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 859-4472

Affil Type Desc: Environmental Contact
Entity Name: Bryan Ueda
Entity Title:
Address: 2271 SHATTUCK AVE
City: BERKELEY
State: CA
Country:
Zip Code: 94704
Phone:

Coordinates

Env Int Type Code: HMBP
Program ID: 10196923
Latitude: 37.868150
Longitude: -122.267400
Coord Name:
Ref Point Type Desc: Center of a facility or station.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
12	1 of 3	WNW	0.04 / 218.78	174.97 / -8	BERKELEY YMCA 2001 ALLSTON ST BERKELEY CA 94704	LUST

Global ID: T0600101728
Status: COMPLETED - CASE CLOSED
Status Date: 2/23/1994
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download
County: ALAMEDA
Latitude: 37.869122
Longitude: -122.270257

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No: 01-1865
Local Case No: 01-1865
Begin Date: 7/1/1993
Lead Agency: BERKELEY, CITY OF
Local Agency: BERKELEY, CITY OF
CUF Case: NO
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
DWR GW Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:
Potential COC: Heating Oil / Fuel Oil
How Discovered: Tank Closure
Stop Method:
Stop Description:
Case Worker: GAF
File Location:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type: ENFORCEMENT
Date : 2/23/1994
Action: Closure/No Further Action Letter

Action Type: Other
Date : 12/17/1993
Action: Leak Discovery

Action Type: Other
Date : 12/17/1993
Action: Leak Stopped

Action Type: Other
Date : 12/17/1993
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
City: BERKELEY
Organization Name: BERKELEY, CITY OF
Address: 2118 MILVIA STREET 3RD FLOOR
Email: gfiedler@ci.berkeley.ca.us
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Completed - Case Closed
Status Date: 2/23/1994

Status: Open - Case Begin Date
Status Date: 7/1/1993

Status: Open - Site Assessment
Status Date: 7/1/1993

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: BERKELEY YMCA
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: HEATING OIL / FUEL OIL
Facility Type:
Composting Method:
Address: 2001 ALLSTON ST
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600101728
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 2/23/1994
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600101728&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: BERKELEY, CITY OF (LEAD) - CASE #: 01-1865
CASEWORKER: GEOFFERY FIEDLER
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-1865
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 2/23/1994

Status: Open - Site Assessment
Date : 7/1/1993

Status: Open - Case Begin Date
Date : 7/1/1993

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Other Regulatory Actions
Action Date: 2/23/1994
Received Issue Date: 2/23/1994
Action: Closure/No Further Action Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600101728&enforcement_id=6323826&temptable=ENFORCEMENT
Title Description Comments:

NO FURTHER ACTION / CASE CLOSURE LETTER

Action Type: Leak Action
Action Date: 12/17/1993
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 12/17/1993
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 12/17/1993
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Document Type: Site Documents ***Size :***
Document Date: 2/23/1994 ***Submitted By:*** DAVID TANOUYE (REGULATOR)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type: CLOSURE/NO FURTHER ACTION LETTER **Submitted:**
Title: NO FURTHER ACTION / CASE CLOSURE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600101728&enforcement_id=6323826

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12 **2 of 3** **WNW** **0.04 / 218.78** **174.97 / -8** **BERKELEY YMCA**
2001 Allston WAY
CA
BERKELEY CUPA

Facility ID: FA0000051

Additional Information

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: YMCA of the Central Bay Area
City: Berkeley
Postal Address: 2111 Martin Luther King Jr way
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Program Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: YMCA of the Central Bay Area
City: Berkeley
Postal Address: 2111 Martin Luther King Jr way
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Program Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA
Owner: YMCA of the Central Bay Area
City: Berkeley
Postal Address: 2111 Martin Luther King Jr way
Postal Address 2:
Postal State: CA
Postal Zip: 94704

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12 **3 of 3** **WNW** **0.04 / 218.78** **174.97 / -8** **BERKELEY YMCA**
2001 ALLSTON WAY
BERKELEY CA 94704
CERS HAZ

Site ID: 11848
Latitude: 37.869122
Longitude: -122.270257
County: Alameda County

Regulated Programs

EI ID: T0600101728 **EI Description:** Leaking Underground Storage Tank Cleanup Site

EI ID: 10195927 **EI Description:** Chemical Storage Facilities

Violations

Violation Date: 03/01/2017
Violation Program: HMRRP
Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Notes:

Returned to compliance on 05/22/2017. Non Inspection related Notice of Violation: Failure to report a current Hazardous Materials Business Plan

Violation Description:

Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violations

Violation Date: 05/02/2019
Violation Program: HMRRP
Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Returned to compliance on 05/02/2019. The emergency response plan did not include notification of the unified program agency in the event of a release or threatened release of a hazardous material. Corrected and submitted this date.

Violation Description:

Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violations

Violation Date: 05/02/2019
Violation Source: CERS
Violation Program: HMRRP
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 05/02/2019. The site map does not include the adjacent streets, emergency shutoffs, evacuation staging area. Corrected and submitted this date.

Violation Description:

Failure to complete and electronically submit a site map with all required content.

Evaluations

Eval Date: 03/15/2017
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 05/02/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

In January 2018, the California Environmental Protection Agency (CalEPA) adopted 24 New Federal Hazard Categories for use in chemical inventory reporting as part of the annual hazardous materials inventory reporting of the Hazardous Materials Business Plan (HMBP) submittal in CERS. The 2018 and 2019 submittals did not identify these updated categories. Updated and submitted this date.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 03/24/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Was on-site for the HMBP inspection. Assisted in resubmitting the HMBP. No violations observed.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc:	Document Preparer
Entity Name:	Anthony Rodrigues
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	CUPA District
Entity Name:	Berkeley City Toxics Management Division
Entity Title:	
Address:	1947 Center Street, 1st Floor
City:	Berkeley
State:	CA
Country:	
Zip Code:	94704
Phone:	(510) 981-7460

Affil Type Desc:	Parent Corporation
Entity Name:	BERKELEY YMCA
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	Environmental Contact
Entity Name:	Anthony Rodrigues
Entity Title:	
Address:	2001 ALLSTON WAY
City:	BERKELEY
State:	CA
Country:	
Zip Code:	94704
Phone:	

Affil Type Desc:	Legal Owner
Entity Name:	YMCA OF THE CENTRAL BAY AREA
Entity Title:	
Address:	2111 Martin Luther King Jr way
City:	Berkeley
State:	CA
Country:	United States
Zip Code:	94704
Phone:	(510) 549-4515

Affil Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	
Address:	1515 CLAY ST SUITE 1400
City:	OAKLAND
State:	CA
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	
Address:	2001 Allston Way
City:	Berkeley
State:	CA
Country:	
Zip Code:	94704
Phone:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc: Operator
Entity Name: Anthony Rodrigues
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 846-6591

Affil Type Desc: Identification Signer
Entity Name: Anthony Rodrigues
Entity Title: Director of Property and Facilities
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Property Owner
Entity Name: Anthony Rodrigues
Entity Title:
Address: 2001 ALLSTON WAY
City: BERKELEY
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 846-6591

Affil Type Desc: Local Agency Caseworker
Entity Name: GEOFFERY FIEDLER - BERKELEY, CITY OF
Entity Title:
Address: 2118 MILVIA STREET 3RD FLOOR
City: BERKELEY
State: CA
Country:
Zip Code:
Phone:

Coordinates

Env Int Type Code: HMBP
Program ID: 10195927
Latitude: 37.869390
Longitude: -122.269990
Coord Name:
Ref Point Type Desc: Center of a facility or station.

13	1 of 2	E	0.04 / 223.15	186.58 / 4	California Theatre 2113 Kittredge St CA	BERKELEY CUPA

Facility ID: FA0001136

Additional Information

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: Landmank Silver Cinemas
City: Berkeley
Postal Address: 2113 Kittredge St
Postal Address 2:
Postal State: CA
Postal Zip: 94704

13	2 of 2	E	0.04 / 223.15	186.58 / 4	California Theatre 2113 KITTREDGE ST BERKELEY CA 94704	CERS HAZ

Site ID: 413230

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Latitude: 37.868608
Longitude: -122.267369
County: Alameda County

Regulated Programs

EI ID: 10717879 **EI Description:** Chemical Storage Facilities

Violations

Violation Date: 06/13/2017 **Violation Source:** CERS
Violation Program: HMRRP **Violation Division:** Berkeley City Toxics Management Division
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Notes:

Returned to compliance on 06/26/2017. Corrective action: Use template provided to notify property owner.

Violation Description:

Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.

Violations

Violation Date: 11/22/2016 **Violation Source:** CERS
Violation Program: HMRRP **Violation Division:** Berkeley City Toxics Management Division
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Notes:

Returned to compliance on 12/27/2016. The facility failed to establish and implement a business plan. The facility exceed the specified thresholds of Hazardous Materials required to submit a Hazardous Materials Business Plan (HMBP) in accordance with BMC 15.12.050, therefore the facility meet the requirement to report Hazmat inventory and submit a HMBP. Corrective Action: Please establish a HMBP by December 22, 2016. To complete a HMBP please go to cers.calepa.ca.gov and create an account. Report a complete list of chemical inventory, site map, emergency response plan, and employee training plan.

Violation Description:

Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.

Evaluations

Eval Date: 11/22/2016
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Conducted a screening for Hazardous Materials and Hazardous Waste. At any one time during a year if a facility use, handle, store, or generate combined (aggregate) quantities of Hazardous Materials and Hazardous waste in amount >= 55 gallons for liquids, 500 lbs for Solids, and 200 Cubic ft. for compressed gas must submit a Hazardous Materials Business Plan (HMBP). Observation: Hazardous Materials found during this inspection: The theater store and use four 50 pounds carbon dioxide for sodas. CO2 is approximately 1,620 cubic ft. Compliance Restroom Cleaner = 8 gallons, Compliance Degreaser= 8 gallons, Lemon Dishwash= 1 gal, Isoprophyl Alcohol= 2 gallons, Dishwashing Liquid = 6 gallons, Betco Toilet Cleaner= 4.8 gallons.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/13/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Eval Notes:

CO2 is kept in ice room along with cleaning chemicals. room is generally kept locked during business hours. Reviewed training - compliant.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Environmental Contact
Entity Name: Michael Deane
Entity Title:
Address: 2113 Kittredge St
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone:

Affil Type Desc: Document Preparer
Entity Name: Michael Deane
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 2113 Kittredge St
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone:

Affil Type Desc: Parent Corporation
Entity Name: Landmark Theatres
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: Landmank Silver Cinemas
Entity Title:
Address: 2113 Kittredge St
City: Berkeley
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 848-0620

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc: Operator
Entity Name: Michael Deane
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 848-0620

Affil Type Desc: Identification Signer
Entity Name: Michael Deane
Entity Title: Theatre Manager
Address:
City:
State:
Country:
Zip Code:
Phone:

Coordinates

Env Int Type Code: HMBP
Program ID: 10717879
Latitude: 37.868610
Longitude: -122.267370
Coord Name:
Ref Point Type Desc: Center of a facility or station.

14	1 of 3	NE	0.05 / 238.88	186.05 / 3	Walgreens #15025 2190 Shattuck Ave CA	BERKELEY CUPA

Facility ID: FA0000897

Additional Information

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: Walgreen Co.
City: Deerfield
Postal Address: 200 Wilmot Road
Postal Address 2:
Postal State: IL
Postal Zip: 60015

Program Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA
Owner: Walgreen Co.
City: Deerfield
Postal Address: 200 Wilmot Road
Postal Address 2:
Postal State: IL
Postal Zip: 60015

Program Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 01 - ACTIVE, CUPA
Owner: Walgreen Co.
City: Deerfield
Postal Address: 200 Wilmot Road
Postal Address 2:
Postal State: IL
Postal Zip: 60015

14	2 of 3	NE	0.05 / 238.88	186.05 / 3	Walgreens #15025 2190 SHATTUCK AVE BERKELEY CA 94704	CERS HAZ

Site ID: 169895
Latitude: 37.869488
Longitude: -122.268646
County: Alameda County

Regulated Programs

EI ID: 10478710
EI Description: Chemical Storage Facilities

EI ID: 10478710
EI Description: Hazardous Waste Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Evaluations

Eval Date: 01/08/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Walk through of back storage area- observed plastic totes with haz waste. Labels were properly filled out with accumulation start dates and contents of containers. Waste is collected in a container then individually packed into plastic bags before being placed in the proper haz waste tote. Pharma waste is properly stored and labeled. Manifests were consistent with waste reported on CERS. EPA ID #, CAL 000 378 647, is active. Emergency equipment is up to date.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/10/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Routine HMBP, HW and Stormwater inspection. Hazardous waste disposed of monthly, HW manifest were available for review during the inspection, HW plastic bins were labeled and picture taken of the HW area. Haz comm training was completed via on line training for employees. No violations noted during the inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/08/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Employee training records were available for review.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/08/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Walkthrough of back storage area : Observed plastic totes with hazarodus waste. Labels were properly filled out with accumulation start dates and contents of containers. Waste is collected in a container then individually packed into plastic bags before placing in the proper hazardous waste tote. pharmacy waste is properly stored and labeled. Employee training records were available for review. Manifests were consistent with waste reported on CERS. EPA ID #, CAL 000 378 647, is active. Emergency equipment inspections are up to date. No violations; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/10/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Routine HMBP, HW and Stormwater inspection. Hazardous waste disposed of monthly, HW manifest were available for review during the inspection,

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

HW plastic bins were labeled and picture taken of the HW area. Haz comm training was completed via on line training for employees. No violations noted during the inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: Verisk 3E, Regulatory Dept/Walgreen Co, 3207 Grey Hawk Court, Ste 200
City: Carlsbad
State: CA
Country:
Zip Code: 92010
Phone:

Affil Type Desc: Legal Owner
Entity Name: Walgreen Co.
Entity Title:
Address: 200 Wilmot Road
City: Deerfield
State: IL
Country: United States
Zip Code: 60012
Phone: (847) 914-2264

Affil Type Desc: Parent Corporation
Entity Name: Walgreens
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: Verisk 3E, Regulatory Department/Walgreen Co.
Entity Title:
Address: 3207 Grey Hawk Court, Suite 200
City: Carlsbad
State: CA
Country:
Zip Code: 92010
Phone:

Affil Type Desc: Identification Signer
Entity Name: Melissa Vales, on behalf of Walgreen Co.
Entity Title: Regulatory Compliance Specialist, Verisk 3E
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Document Preparer
Entity Name: Melissa Vales , on behalf of Walgreen Co.
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: Walgreen Co.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (847) 914-2264

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Coordinates

Env Int Type Code: HWG
Program ID: 10478710
Latitude: 37.869490
Longitude: -122.268640
Coord Name:
Ref Point Type Desc: Center of a facility or station.

14	3 of 3	NE	0.05 / 238.88	186.05 / 3	WALGREENS #15025 2190 SHATTUCK AVE BERKELEY CA 94704	RCRA LQG

EPA Handler ID: CAL000378647
Gen Status Universe: Large Quantity Generator
Contact Name: KIM DASCOLI
Contact Address: 200, WILMOT DRIVE, MAIL STOP #2273, , DEEFIELD, IL, 60015, US
Contact Phone No and Ext: 847-315-2812
Contact Email: KIM.DASCOLI@WALGREENS.COM
Contact Country: US
County Name: ALAMEDA
EPA Region: 09
Land Type: Private
Receive Date: 20180831

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140609
Handler Name: WALGREENS #15025
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: U034
Waste Code Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Hazardous Waste Code: U165
Waste Code Description: NAPHTHALENE

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20160412
Handler Name: WALGREENS #15025
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 131
Waste Code Description: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 311

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Waste Code Description: Pharmaceutical waste

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: U034
Waste Code Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20180831
Handler Name: WALGREENS #15025
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 131
Waste Code Description: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

Hazardous Waste Code: 311
Waste Code Description: Pharmaceutical waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: U034
Waste Code Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	300
Type:	Private	***Street 1:***	WILMOT RD
Name:	WALGREEN CO	***Street 2:***	
Date Became Current:	20120827	***City:***	DEERFIELD
Date Ended Current:		***State:***	IL
Phone:	847-315-4139	***Country:***	
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	60015

Owner/Operator Ind:	Current Operator	***Street No:***	200
Type:	Private	***Street 1:***	WILMOT DRIVE, MAIL STOP #2273
Name:	WALGREEN CO.	***Street 2:***	
Date Became Current:	20120420	***City:***	DEEFIELD
Date Ended Current:		***State:***	IL
Phone:	847-315-2812	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	60015

Owner/Operator Ind:	Current Owner	***Street No:***	303
Type:	Private	***Street 1:***	SACRAMENTO ST 4TH FL
Name:	SOMERA-SANSOME VENTURES I LLC	***Street 2:***	
Date Became Current:	20120420	***City:***	SAN FRANCISCO
Date Ended Current:		***State:***	CA
Phone:	415-963-4702	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	94111

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	
Name:	WALGREEN CO.	***Street 2:***	
Date Became Current:	20120827	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	SANSOME PACIFIC PROPERTIES, INC
Name:	SOMERA-SANSOME VENTURES I LLC	***Street 2:***	
Date Became Current:	20120420	***City:***	SAN FRANCISCO
Date Ended Current:		***State:***	CA
Phone:	415-963-4702	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	94111

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	
Name:	WALGREEN CO	***Street 2:***	
Date Became Current:	20120827	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	

Historical Handler Details

Receive Dt: 20160412
Generator Code Description: Very Small Quantity Generator
Handler Name: WALGREENS #15025

Receive Dt: 20140609
Generator Code Description: Very Small Quantity Generator
Handler Name: WALGREENS #15025

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	1 of 4	WNW	0.05 / 272.66	174.07 / -9	MAIN POST OFFICE 2000 ALLSTON WAY BERKELEY CA 94704	HHSS

County:
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00036421.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	2 of 4	WNW	0.05 / 272.66	174.07 / -9	UNITED STATES POSTAL SERVICE 2000 ALLSTON WAY CA	BERKELEY CUPA

Facility ID: FA0000284

Additional Information

Program Element: 4200 - HMBP
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: UNITED STATES POSTAL SERVICE
City: BERKELEY
Postal Address: 2000 ALLSTON WAY
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	3 of 4	WNW	0.05 / 272.66	174.07 / -9	MAIN POST OFFICE 2000 ALLSTON WAY BERKELEY CA	HIST TANK

Owner Name: U.S. POSTAL SERVICE
Owner Street: 2000 ALLSTON WAY
Owner City: BERKELEY
Owner State: CA
Owner Zip: 947049998
No of Containers: 1
County: ALAMEDA
Facility State: CA
Facility Zip: 947049998

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	4 of 4	WNW	0.05 / 272.66	174.07 / -9	U. S. POSTAL SERVICE 2000 ALLSTON WAY BERKELEY CA 94704	RCRA NON GEN

EPA Handler ID: CAC003038554
Gen Status Universe: No Report
Contact Name: BRIAN BURT
Contact Address: 2000 ALLSTON WAY, , BERKELEY, CA, 94704,
Contact Phone No and Ext: 303-328-7252
Contact Email: BRIAN.BURT@WSP.COM
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 20191014

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20191014
Handler Name:	U. S. POSTAL SERVICE
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2000 ALLSTON WAY
Name:	CANDACE CHAMPION	**Street 2:**	
Date Became Current:		**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-649-3140	**Country:**	
Source Type:	Implementer	**Zip Code:**	94704
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	2000 ALLSTON WAY
Name:	BRIAN BURT	**Street 2:**	
Date Became Current:		**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	303-328-7252	**Country:**	
Source Type:	Implementer	**Zip Code:**	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
16	1 of 1	SE	0.05 / 273.99	182.38 / 0	western pacific 2286 SHATTUCK AVE BERKELEY CA 94704	CERS HAZ

Site ID:	557127
Latitude:	37.868060
Longitude:	-122.268040
County:	Alameda County

Regulated Programs

EI ID:	10825456	**EI Description:**	Chemical Storage Facilities

Affiliations

Affil Type Desc:	Legal Owner
Entity Name:	charlie hallowell
Entity Title:	
Address:	2286 Shattuck Avenue
City:	Berkeley
State:	CA
Country:	United States
Zip Code:	94704
Phone:	(510) 519-9559

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc: Identification Signer
Entity Name: donna insalaco
Entity Title: managing partner
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Parent Corporation
Entity Name: western pacific
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Document Preparer
Entity Name: donna insalaco
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 2286 Shattuck Avenue
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone:

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

17	*1 of 2*	*SE*	*0.05 / 274.90*	*182.38 / 0*	***UNITED ARTISTS BERKELEY 7 THEATRE*** ***2274 SHATTUCK AVE*** ***BERKELEY CA 94704***	***CERS HAZ***

Site ID: 78873
Latitude: 37.867817
Longitude: -122.268555
County: Alameda County

Regulated Programs

EI ID: 10196692 ***EI Description:*** Chemical Storage Facilities

Violations

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation Date: 03/01/2017 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Notes:

Returned to compliance on 05/22/2017. Non Inspection related Notice of Violation: Failure to report a current Hazardous Materials Business Plan

Violation Description:

Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violations

Violation Date: 04/14/2016 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Notes:

Returned to compliance on 04/28/2016.

Violation Description:

Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Evaluations

Eval Date: 02/26/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Carbon Dioxide is consistent with quantities reported on CERS. Carbon Dioxide is located in the soda room. Reviewed sample training records. Compliant.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/14/2016
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Non-Inspection related violation: Failed to submit annual Hazardous Materials Business Plan for FY17 (XD); Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 03/15/2017
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 08/12/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Parent Corporation
Entity Name: UNITED ARTISTS BERKELEY 7 THEATRE
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: Steven Chu
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (626) 321-8506

Affil Type Desc: Property Owner
Entity Name: Regal Entertainment Group
Entity Title:
Address: 7132 Regal Lane
City: Knoxville
State: TN
Country: United States
Zip Code: 37918
Phone: (510) 486-1795

Affil Type Desc: Document Preparer
Entity Name: Steven Chu
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Environmental Contact
Entity Name: Steven Chu
Entity Title:
Address: 2274 Shattuck Ave
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc: Legal Owner
Entity Name: Regal Entertainment Group
Entity Title:
Address: 7132 Regal Lane
City: Knoxville
State: TN
Country: United States
Zip Code: 37918
Phone: (510) 486-1795

Affil Type Desc: Identification Signer
Entity Name: Steven Chu
Entity Title: General Manager
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 2274 Shattuck Ave
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone:

Coordinates

Env Int Type Code: HMBP
Program ID: 10196692
Latitude: 37.867800
Longitude: -122.268550
Coord Name:
Ref Point Type Desc: Center of a facility or station.

17	2 of 2	SE	0.05 / 274.90	182.38 / 0	UNITED ARTISTS BERKELEY 7 THEATRE 2274 Shattuck AVE CA	BERKELEY CUPA

Facility ID: FA0000608

Additional Information

Program Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA
Owner: Regal Entertainment Group
City: Knoxville
Postal Address: 7132 Regal Lane
Postal Address 2:
Postal State: TN
Postal Zip: 37918

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: Regal Entertainment Group
City: Knoxville
Postal Address: 7132 Regal Lane
Postal Address 2:
Postal State: TN
Postal Zip: 37918

18	1 of 7	NE	0.06 / 293.00	187.31 / 5	Target Store T3202 2187 Shattuck Ave CA	BERKELEY CUPA

Facility ID: FA0001009

Additional Information

Program Element: 4200 - HMBP
Postal Address: PO Box 111

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**			
Owner:	Target Corporation	**Postal State:**	MN		
City:	Minneapolis	**Postal Zip:**	55440		
Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	PO Box 111		
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**			
Owner:	Target Corporation	**Postal State:**	MN		
City:	Minneapolis	**Postal Zip:**	55440		
Program Element:	SW02 - STORMWATER	**Postal Address:**	PO Box 111		
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**			
Owner:	Target Corporation	**Postal State:**	MN		
City:	Minneapolis	**Postal Zip:**	55440		

18	2 of 7	NE	0.06 / 293.00	187.31 / 5	WALGREENS #3127 2187 SHATTUCK AVE CA	BERKELEY CUPA

Facility ID: FA0000363

Additional Information

Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	200 Wilmot Road
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	Walgreen Co.	**Postal State:**	IL
City:	Deerfield	**Postal Zip:**	60015
Program Element:	4200 - HMBP	**Postal Address:**	200 Wilmot Road
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	Walgreen Co.	**Postal State:**	IL
City:	Deerfield	**Postal Zip:**	60015

18	3 of 7	NE	0.06 / 293.00	187.31 / 5	CVS PHARMACY #17673 2187 SHATTUCK AVE STE B BERKLEY CA 94704	RCRA VSQG

EPA Handler ID: CAR000258913
Gen Status Universe: VSG
Contact Name: NICOLE WILKINSON
Contact Address: ONE CVS DR MAIL CODE 2340, , WOONSOCKET, RI, 02895, US
Contact Phone No and Ext: 401-770-7132
Contact Email: NICOLE.WILKINSON@CVSHEALTH.COM
Contact Country: US
County Name: ALAMEDA
EPA Region: 09
Land Type: Private
Receive Date: 20160216

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20160216
Handler Name: CVS PHARMACY #17673
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 123
Waste Code Description: Unspecified alkaline solution

Hazardous Waste Code: 134
Waste Code Description: Aqueous solution with <10% total organic residues

Hazardous Waste Code: 141
Waste Code Description: Off-specification, aged, or surplus inorganics

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 311
Waste Code Description: Pharmaceutical waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 352
Waste Code Description: Other organic solids

Hazardous Waste Code: 541
Waste Code Description: Photochemicals / photo processing waste

Hazardous Waste Code: 561
Waste Code Description: Detergent and soap

Hazardous Waste Code: 791
Waste Code Description: Liquids with pH < 2

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Waste Code Description: SELENIUM

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: U034
Waste Code Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Hazardous Waste Code: U044
Waste Code Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Hazardous Waste Code: U122
Waste Code Description: FORMALDEHYDE

Hazardous Waste Code: U129
Waste Code Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Hazardous Waste Code: U188
Waste Code Description: PHENOL

Hazardous Waste Code: U201
Waste Code Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Hazardous Waste Code: U205
Waste Code Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	89
Type:	Private	**Street 1:**	DAVIS RD #160
Name:	HIRAHARA FAMILY LP	**Street 2:**	
Date Became Current:	20140702	**City:**	ORINDA
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	94563
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	GARFIELD BEACH CVS LLC	**Street 2:**	
Date Became Current:	20151216	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	4 of 7	NE	0.06 / 293.00	187.31 / 5	CVS Pharmacy #17673 2187 Shattuck AVE Ste B CA	BERKELEY CUPA

Facility ID: FA0001076

Additional Information

Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	One CVS Drive
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	Garfield Beach CVS, L.L.C.	**Postal State:**	RI
City:	Woonsocket	**Postal Zip:**	02895

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	5 of 7	NE	0.06 / 293.00	187.31 / 5	CVS Pharmacy #17673 2187 SHATTUCK AVE STE B BERKELEY CA 94704	CERS HAZ

Site ID: 368024
Latitude: 37.869650
Longitude: -122.267490
County: Alameda County

Regulated Programs

EI ID: 10668118 **EI Description:** Hazardous Waste Generator

Evaluations

Eval Date: 02/02/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Pharmacy operates within Target. Facility generates small quantities of hazardous waste that is picked up routinely. Observed properly labeled and closed hazardous waste bin, properly posted ER plan, and hazardous waste manifests.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 03/12/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

EPA ID Number, CAR 000 258 913, is active. Hazardous waste container is kept on back counter next to sink. Hazardous waste consists of waste pharmaceuticals. Haz Waste container is compatible with wastes, kept closed hen not adding or removing waste. Safety: Emergency response posting is compliant. Contains emergency phone numbers, location of emergency response equipment. Spill kit consists of absorbent material. Manifest Review: Manifests were available at time of inspection. Reviewed manifests for 2017 - 3/2020. Waste Streams: 014 025 601 FLE - 2/4/20 - Waste Toxic solids (Chromium, Selenium); Waste Residue contained medicine (Warfarin) 013 968 1409 FLE - 11/15/19 - Waste Toxic Liquids (M-Cresol, Thimerosal); Waste Toxic Solids (Chromium, Selenium) 012 414 677 FLE - 12/28/18 - Waste Medicine, Liquid, Flammable, Toxic (Alcohol) ; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Document Preparer
Entity Name: Melissa Vales, Agent for Garfield Beach CVS, L.L.C.
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: Verisk 3E, Regulatory Services/CVS
Entity Title:
Address: 3207 Grey Hawk Ct., Ste. 200
City: Carlsbad
State: CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Country:
Zip Code: 92010
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: CVS Health, Attn: Dianne E. Durand, Licensing, One CVS Drive - MC 1160
City: Woonsocket
State: RI
Country:
Zip Code: 02895
Phone:

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Legal Owner
Entity Name: Garfield Beach CVS, L.L.C.
Entity Title:
Address: One CVS Drive
City: Woonsocket
State: RI
Country: United States
Zip Code: 02895
Phone: (401) 765-1500

Affil Type Desc: Operator
Entity Name: Garfield Beach CVS, L.L.C.
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (401) 765-1500

Affil Type Desc: Identification Signer
Entity Name: Melissa Vales, Agent for Garfield Beach CVS, L.L.C.
Entity Title: Regulatory Compliance Specialist, Verisk 3E
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Parent Corporation
Entity Name: CVS Health
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

18	*6 of 7*	*NE*	*0.06 / 293.00*	*187.31 / 5*	***Target Store T3202 2187 SHATTUCK AVE BERKELEY CA 94704***	***CERS HAZ***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Site ID: 159686
Latitude: 37.869651
Longitude: -122.267494
County: Alameda County

Regulated Programs

EI ID: 10616473 **EI Description:** Chemical Storage Facilities

EI ID: 10616473 **EI Description:** Hazardous Waste Generator

Violations

Violation Date: 01/23/2018 **Violation Source:** CERS
Violation Program: HMRRP **Violation Division:** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 02/13/2018. The hazardous materials inventory does not include disclosure of the refrigerant, which is listed on the facility plan and observed onsite. Corrective action: Update and submit an inventory to include the refrigerant.

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 07/13/2020 **Violation Source:** CERS
Violation Program: HMRRP **Violation Division:** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 07/22/2020. Non-inspection driven violation: facility received 2nd NOV for not certifying HMBP by 3/1/20.

Violation Description:

Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violations

Violation Date: 01/23/2018 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Berkeley City Toxics Management Division
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 01/23/2018. The state regulated waste bin containing hazardous waste does not have an accumulation start date. Corrected onsite. The accumulation start date was added to the label on the state regulated waste bin.

Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 05/29/2015 **Violation Source:** CERS
Violation Program: HMRRP **Violation Division:** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 07/13/2015.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 04/01/2020
Violation Source: CERS
Violation Program: HMRRP
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Notes:

Non-inspection driven violation: received 1st NOV for not submitting annual HMBP certification.

Violation Description:

Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Evaluations

Eval Date: 05/29/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 01/23/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Onsite to review the information submitted in the 2/22/2017 submittal of the Hazardous Materials Business Plan. The annual certification is due by March 1, 2018 and must include the hazard categories for hazardous materials inventory. Reviewed the Consolidated Emergency Response/Contingency Plan and the facility RCRA Contingency Plan. Please note that the phone number listed for the Regional Water Quality Control Board is the Los Angeles number. The number for the San Francisco Bay Regional Water Quality Control Board is (510) 622-2460. Please update the number. The HMBP includes Miscellaneous Pharmaceutical Waste. This hazardous waste does not need to be disclosed by Target as the CVS Pharmacy is registered separately with Toxics Management Division.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/01/2020
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Non-inspection driven violation: received 1st NOV for not submitting annual HMBP certification.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/13/2020
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Non-inspection driven violation: facility received 2nd NOV for not certifying HMBP by 3/1/20.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/23/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 05/29/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Routine HMBP & HW inspection. Training records available electronically for employees, emergency numbers posted. Training provided annually for haz com. violation, needs to list cleaning chemicals on the inventory statement. No other violations noted during the unannounced inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Environmental Contact
Entity Name: Environmental Compliance
Entity Title:
Address: PO Box 111
City: Minneapolis
State: MN
Country:
Zip Code: 55440
Phone:

Affil Type Desc: Legal Owner
Entity Name: Target Corporation
Entity Title:
Address: PO Box 111
City: Minneapolis
State: MN
Country: United States
Zip Code: 55440
Phone: (800) 587-2228

Affil Type Desc: Operator
Entity Name: Target Corporation
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (800) 587-2228

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City:	Berkeley
State:	CA
Country:	
Zip Code:	94704
Phone:	(510) 981-7460
Affil Type Desc:	Identification Signer
Entity Name:	Steve Musser
Entity Title:	Sr. Compliance Director
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Document Preparer
Entity Name:	Nathan White
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Parent Corporation
Entity Name:	Target Corporate Office Headquarters
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	
Address:	PO Box 111
City:	Minneapolis
State:	MN
Country:	
Zip Code:	55440
Phone:	

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EPA Handler ID:	CAR000016931
Gen Status Universe:	Large Quantity Generator
Contact Name:	STEVE MUSSER
Contact Address:	PO BOX 111, , MINNEAPOLIS, MN, 55440, US
Contact Phone No and Ext:	800-587-2228
Contact Email:	POC@TARGET.COM
Contact Country:	US
County Name:	ALAMEDA
EPA Region:	09
Land Type:	Private
Receive Date:	20180201

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19961217
Handler Name:	WALGREENS
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Notification

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20150120
Handler Name:	TARGET STORE T3202
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	221
Waste Code Description:	Waste oil and mixed oil
Hazardous Waste Code:	311
Waste Code Description:	Pharmaceutical waste
Hazardous Waste Code:	331
Waste Code Description:	Off-specification, aged, or surplus organics
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D002
Waste Code Description:	CORROSIVE WASTE
Hazardous Waste Code:	D004
Waste Code Description:	ARSENIC
Hazardous Waste Code:	D005
Waste Code Description:	BARIUM
Hazardous Waste Code:	D006
Waste Code Description:	CADMIUM
Hazardous Waste Code:	D007
Waste Code Description:	CHROMIUM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D016
Waste Code Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: D026
Waste Code Description: CRESOL

Hazardous Waste Code: D028
Waste Code Description: 1,2-DICHLOROETHANE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P046
Waste Code Description: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Code: U035
Waste Code Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Hazardous Waste Code: U044
Waste Code Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Hazardous Waste Code: U058
Waste Code Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Hazardous Waste Code: U072
Waste Code Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Hazardous Waste Code: U122
Waste Code Description: FORMALDEHYDE

Hazardous Waste Code: U129
Waste Code Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Hazardous Waste Code: U150

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Waste Code Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Hazardous Waste Code: U154
Waste Code Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Hazardous Waste Code: U188
Waste Code Description: PHENOL

Hazardous Waste Code: U200
Waste Code Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL) OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Hazardous Waste Code: U201
Waste Code Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Hazardous Waste Code: U279
Waste Code Description: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20160224
Handler Name: TARGET STORE T3202
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D016
Waste Code Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Code: D026
Waste Code Description: CRESOL

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P042
Waste Code Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Code: U034
Waste Code Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Hazardous Waste Code: U035
Waste Code Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Hazardous Waste Code: U044
Waste Code Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Hazardous Waste Code: U058
Waste Code Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Hazardous Waste Code: U072
Waste Code Description: BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE

Hazardous Waste Code: U122
Waste Code Description: FORMALDEHYDE

Hazardous Waste Code: U129
Waste Code Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Hazardous Waste Code: U150
Waste Code Description: L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN

Hazardous Waste Code: U154
Waste Code Description: METHANOL (I) (OR) METHYL ALCOHOL (I)

Hazardous Waste Code: U188
Waste Code Description: PHENOL

Hazardous Waste Code: U200
Waste Code Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL) OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Hazardous Waste Code: U201
Waste Code Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Hazardous Waste Code: U279
Waste Code Description: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sequence No: 2
Receive Date: 20180201
Handler Name: TARGET STORE T3202
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 121
Waste Code Description: Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc)

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 141
Waste Code Description: Off-specification, aged, or surplus inorganics

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 791
Waste Code Description: Liquids with pH < 2

Hazardous Waste Code: 792
Waste Code Description: Liquids with pH < 2 with metals

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D016
Waste Code Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D024

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Waste Code Description:	M-CRESOL
Hazardous Waste Code:	D026
Waste Code Description:	CRESOL
Hazardous Waste Code:	D027
Waste Code Description:	1,4-DICHLOROBENZENE
Hazardous Waste Code:	D035
Waste Code Description:	METHYL ETHYL KETONE
Hazardous Waste Code:	D039
Waste Code Description:	TETRACHLOROETHYLENE
Hazardous Waste Code:	P075
Waste Code Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Hazardous Waste Code:	U002
Waste Code Description:	2-PROPANONE (I) (OR) ACETONE (I)
Hazardous Waste Code:	U035
Waste Code Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Hazardous Waste Code:	U154
Waste Code Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Hazardous Waste Code:	U188
Waste Code Description:	PHENOL
Hazardous Waste Code:	U279
Waste Code Description:	CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	200 WILMOT RD
Name:	WALGREENS DRUG STORES	**Street 2:**	
Date Became Current:		**City:**	DEERFIELD
Date Ended Current:		**State:**	IL
Phone:	708-940-2500	**Country:**	
Source Type:	Notification	**Zip Code:**	60015
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 111
Name:	TARGET CORPORATION	**Street 2:**	
Date Became Current:	20150304	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	MN
Phone:	800-587-2228	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	55440
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	TARGET CORPORATION	**Street 2:**	
Date Became Current:	20150304	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 111
Name:	TARGET CORPORATION	**Street 2:**	
Date Became Current:	20150304	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	MN
Phone:	800-587-2228	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	55440
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	PO BOX 111

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	TARGET CORPORATION	**Street 2:**	
Date Became Current:	20140702	**City:**	MINNEAPOLIS
Date Ended Current:		**State:**	MN
Phone:	800-587-2228	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	55440
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	89 DAVIS RD NO 160
Name:	LAMORINDA DEVELOPMENT AND INVESTMENT	**Street 2:**	
Date Became Current:	20140702	**City:**	ORINDA
Date Ended Current:		**State:**	CA
Phone:	925-254-9400	**Country:**	US
Source Type:	Notification	**Zip Code:**	94560
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	TARGET CORP	**Street 2:**	
Date Became Current:	20150305	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	

Historical Handler Details

Receive Dt:	20160224
Generator Code Description:	Small Quantity Generator
Handler Name:	TARGET STORE T3202
Receive Dt:	20150120
Generator Code Description:	Small Quantity Generator
Handler Name:	TARGET STORE T3202
Receive Dt:	19961217
Generator Code Description:	Small Quantity Generator
Handler Name:	WALGREENS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	1 of 1	NE	0.06 / 301.02	186.96 / 4	VTT/MSI THE MOLECULAR SCIENCES INSTITUTE 2168 SHATTUCK AVE STE 200 CA	BERKELEY CUPA

Facility ID: FA0000273

Additional Information

Program Element:	4200 - HMBP	**Postal Address:**	2168 SHATTUCK AVENUE, STE 200
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	MOLECULAR SCIENCES INSTITUTE	**Postal State:**	CA
City:	BERKELEY	**Postal Zip:**	94704
Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	2168 SHATTUCK AVENUE, STE 200
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	MOLECULAR SCIENCES INSTITUTE	**Postal State:**	CA
City:	BERKELEY	**Postal Zip:**	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
20	1 of 1	WSW	0.06 / 304.52	169.79 / -13	YAS AUTOMOTIVE INC 2000 KITTREDGE BERKELEY CA 94704	RCRA SQG

EPA Handler ID:	CAD981572720
Gen Status Universe:	Small Quantity Generator
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2000 KITTREDGE, , BERKELEY, CA, 94704, US
Contact Phone No and Ext:	415-841-8801

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Email:
Contact Country: US
County Name: ALAMEDA
EPA Region: 09
Land Type: Other
Receive Date: 19860930

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19860930
Handler Name: YAS AUTOMOTIVE INC
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: YAS
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: NOT REQUIRED
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

21	*1 of 2*	*NE*	*0.06 / 311.15*	*187.78 / 5*	***JUPITER LLC*** ***2181 Shattuck AVE*** ***CA***	***BERKELEY CUPA***

Facility ID: FA0000842

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Additional Information

Program Element:	4200 - HMBP	***Postal Address:***	2116 Allston Way, Suite 2
Billing Status:	01 - ACTIVE, CUPA	***Postal Address 2:***	
Owner:	John Martin	***Postal State:***	CA
City:	Berkeley	***Postal Zip:***	94704
Program Element:	SW02 - STORMWATER	***Postal Address:***	2116 Allston Way, Suite 2
Billing Status:	01 - ACTIVE, CUPA	***Postal Address 2:***	
Owner:	John Martin	***Postal State:***	CA
City:	Berkeley	***Postal Zip:***	94704

21	*2 of 2*	*NE*	*0.06 / 311.15*	*187.78 / 5*	***JUPITER LLC 2181 SHATTUCK AVE BERKELEY CA 94704***	***CERS HAZ***

Site ID:	395637
Latitude:	37.869839
Longitude:	-122.267494
County:	Alameda County

Regulated Programs

EI ID:	10196917	***EI Description:***	Chemical Storage Facilities

Violations

Violation Date:	04/14/2016	***Violation Source:***	CERS
Violation Program:	HMRRP	***Violation Division:***	Berkeley City Toxics Management Division
Citation:	HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2		
Violation Notes:			

Returned to compliance on 06/01/2016.

Violation Description:

Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violations

Violation Date:	09/09/2015	***Violation Source:***	CERS
Violation Program:	HMRRP	***Violation Division:***	Berkeley City Toxics Management Division
Citation:	HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)		
Violation Notes:			

Returned to compliance on 01/06/2016. Facility maintains an IIPP, but has not reference to hazmats.

Violation Description:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violations

Violation Date:	06/14/2018	***Violation Source:***	CERS
Violation Program:	HMRRP	***Violation Division:***	Berkeley City Toxics Management Division
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)		
Violation Notes:			

Returned to compliance on 07/09/2018. Business failed to accurately report hazardous cleaners. Corrective action: Update inventory to include "detergents" and report aggregate quantity of all detergents. Resubmit on CERS.calepa.ca.gov for review.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 06/14/2018
Violation Source: CERS
Violation Program: HMRRP
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Returned to compliance on 07/09/2018. Business failed to provide annual training and maintain records. Corrective action: use template provided for training and maintain records for at least 3 years on site.

Violation Description:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Enforcements

Enf Action Date: 11/17/2015
Enf Action Program: HMRRP
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Source: CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

2nd NOV letter issued with copies of original inspection and attached Certification of Return to Compliance form. RTC form and supporting documentation received.

Enf Action Date: 05/26/2016
Enf Action Program: HMRRP
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Source: CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Evaluations

Eval Date: 06/14/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Facility map is accurate. Compressed gas is properly maintained. Propane is stored outdoors.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/09/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Business training plan does not address compressed gases or emergency response as indicated on the Training section of the ER/Contingency plan submitted with the 2015 HMBP.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Eval Date: 04/14/2016
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Non-Inspection related violation: Failed to submit annual Hazardous Materials Business Plan for FY17 (XD); Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Parent Corporation
Entity Name: JUPITER LLC
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: Jupiter
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 843-0435

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Environmental Contact
Entity Name: Daid Rowe
Entity Title:
Address: 2181 SHATTUCK AVE
City: BERKELEY
State: CA
Country:
Zip Code: 94704
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 2181 Shattuck Avenue
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone:

Affil Type Desc: Property Owner

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Name: John Martin
Entity Title:
Address: 2116 Allston Way, Suite 2
City: Berkeley
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 843-0435

Affil Type Desc: Legal Owner
Entity Name: JOHN MARTIN
Entity Title:
Address: 2116 Allston Way, Suite 2
City: Berkeley
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 843-0435

Coordinates

Env Int Type Code: HMBP
Program ID: 10196917
Latitude: 37.869840
Longitude: -122.267490
Coord Name:
Ref Point Type Desc: Center of a facility or station.

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22 | ***1 of 1*** | ***NE*** | ***0.06 / 329.50*** | ***187.78 / 5*** | ***COLOR EXPRESS PHOTO LAB 2163 SHATTUCK AVE CA*** | ***BERKELEY CUPA***

Facility ID: FA0000044

Additional Information

Program Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: STEVE CHAN/MABEL CHAN
City: BERKELEY
Postal Address: 2163 SHATTUCK AVE
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Program Element: 4200 - HMBP
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: STEVE CHAN/MABEL CHAN
City: BERKELEY
Postal Address: 2163 SHATTUCK AVE
Postal Address 2:
Postal State: CA
Postal Zip: 94704

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23 | ***1 of 4*** | ***S*** | ***0.07 / 344.34*** | ***173.54 / -9*** | ***City of Berkeley Central Library 2031 Bancroft Way CA*** | ***BERKELEY CUPA***

Facility ID: FA0000422

Additional Information

Program Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA
Owner: City of Berkeley
City: Berkeley
Postal Address: 2180 Milvia Street
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Program Element: 4100 - UST FACILITY
Billing Status: 01 - ACTIVE, CUPA
Owner: City of Berkeley
City: Berkeley
Postal Address: 2180 Milvia Street
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: City of Berkeley
Postal Address: 2180 Milvia Street
Postal Address 2:
Postal State: CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City:	Berkeley	**Postal Zip:**	94704
Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	2180 Milvia Street
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	City of Berkeley	**Postal State:**	CA
City:	Berkeley	**Postal Zip:**	94704

23	2 of 4	S	0.07 / 344.34	173.54 / -9	City of Berkeley Central Library 2031 BANCROFT WAY BERKELEY CA 94704	CERS TANK

Site ID:	390041	**Latitude:**	37.867841
County:	Alameda County	**Longitude:**	-122.268560

Regulated Programs

EI ID: 10132681
EI Description: Underground Storage Tank

EI ID: 10132681
EI Description: Chemical Storage Facilities

Violations

Violation Date:	10/16/2014	**Violation Source:**	CERS
Violation Program:	UST	**Violation Division:**	Berkeley City Toxics Management Division
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34		
Violation Notes:			

Returned to compliance on 11/06/2014. submit online via CERS

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date:	01/11/2019	**Violation Source:**	CERS
Violation Program:	UST	**Violation Division:**	Berkeley City Toxics Management Division
Citation:	23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)		
Violation Notes:			

Returned to compliance on 01/02/2020. The overfill inspection report from 1/11/19 indicates that the overfill for this site did not pass the inspection and testing. Please repair and retest the overfill as needed within 30 days.

Violation Description:

Failure to comply with one or more of the following overfill prevention equipment requirements:
Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or
Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or
Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or
Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018.

For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter.

For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter.

Inspected within 30 days after a repair to the overfill prevention equipment.

Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Inspected by a certified UST service technician.

Maintain records of overfill prevention equipment inspection for 36 months.

Violations

Violation Date: 10/29/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 04/15/2020. Many materials are listed on the inventory with a max storage amount of 0. Please review the inventory and clean it up. If materials are not on-site anymore, please delete them from the inventory.

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 10/29/2019 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Notes:

Returned to compliance on 12/18/2019. There was an overflow of universal waste bulbs and batteries in the storage area. These need to all be labeled as "Universal waste". Please label this area or all individual packages within 30 days.

Violation Description:

Failure to label or mark each individual or container or the designated area of universal waste as required. 1) Waste batteries shall be marked with "Universal Waste-Battery(ies)". 2) Mercury containing equipment shall be marked with "Universal Waste -Mercury-Containing Equipment". 3) Lamps shall be marked with "Universal Waste-Lamp(s)". 4)Each electronic devices or the container or the designated area shall be marked with "Universal Waste-Electronic Device(s)". 5) Each CRTs or the container or the designated area shall be marked with "Universal Waste-CRT(s)". 6) CRT glass or the designated area shall be marked with "Universal Waste-CRT glass".

Violations

Violation Date: 12/01/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.7 25290.1(c),25290.2(c),25291(a)(2),2529.1(e) - California Health and Safety Code, Chapter 6.7, Section(s) 25290.1(c),25290.2(c),25291(a)(2),2529.1(e)
Violation Notes:

Returned to compliance on 04/17/2018. 989 test not performed on this date due to torn boots, boots need repair in order to complete a test. note site, Joy Brown, requested extension until Jan 31, granted.

Violation Description:

Failure to maintain secondary containment (e.g., failure of secondary containment testing).

Violations

Violation Date: 10/02/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Notes:

Violation Description:

Failure to comply with one or more of the following overfill prevention equipment requirements:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or
Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or
Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or
Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018.

For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter.

For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter.

Inspected within 30 days after a repair to the overfill prevention equipment.

Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Inspected by a certified UST service technician.

Maintain records of overfill prevention equipment inspection for 36 months.

Violations

Violation Date: 10/02/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 10/02/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Notes:

Returned to compliance on 01/02/2020. The spill bucket did not hold water. Needs to be replaced within 30 days.

Violation Description:

"Failure to meet one or more of the following requirements:

Install or maintain a liquid-tight spill container.

Have a minimum capacity of five gallons.

Have a functional drain valve or other method for the removal of liquid from the spill container.

Be resistant to galvanic corrosion.

Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container.

Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Tested by a certified UST service technician.

Maintain records of spill containment testing for 36 months.

"

Violations

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation Date: 10/29/2019
Violation Source: CERS
Violation Program: HW
Violation Division: Berkeley City Toxics Management Division
Citation: 49 CFR 1 172 - U.S. Code of Federal Regulations, Title 49, Chapter 1, Section(s) 172
Violation Notes:

Returned to compliance on 12/18/2019. Universal waste needs to be stored in a manner to prevent breakage. Please get the overflow of UW bulbs into boxes within 30 days.

Violation Description:

Failure of the universal waste handler to transfer universal waste to another universal waste handler, or appropriate destination facility. Failure to package, label, mark and placard shipments and prepare shipping papers for any universal waste that meets the hazardous materials definition in accordance with DOT 49 CFR parts 171-180.

Enforcements

Enf Action Date: 10/16/2014
Enf Action Program: UST
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Source: CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Evaluations

Eval Date: 10/02/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

Met Marcos of TEC Acutite on-site to conduct the annual monitoring certification. Checked Marcos' certifications, all were current. Tested the sump and annular sensors, both alarmed. Reviewed DO and training records. All were current.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/16/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

For UST needs to submit data to CERS, i.e. financial responsibility & UST registration forms.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/16/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

HMBP, UST and storm water inspection. UST contractor was TEC Accutite. There were no violations noted during the inspection. DO documents were verified, new designated operator is from TEC, Chris Vince #8288939.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/14/2016
Violations Found: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

Steve Douglas is the facility rep. TEC Accutite performed the UST monitoring system certification, no ust violations were noted at the time of the inspection. Generator with a day tank was inspected on the roof of the building. 2016 CERS submittal was up to date.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/16/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

For UST needs to submit data to CERS, i.e. financial responsibility & UST registration forms.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/29/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/02/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

See written inspection report in site file.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/29/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Met Raymond on-site to conduct the routine HMBP inspection. Inventory needs to be reviewed. Training is current.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/16/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

no violations noted.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Eval Date: 10/16/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

ust; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/16/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

HMBP, UST and storm water inspection. UST contractor was TEC Accutite. There were no violations noted during the inspection. DO documents were verified, new designated operator is from TEC, Chris Vince #8288939.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/01/2017
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

needs to repair boots prior to completion on sb 989 test.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/02/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

All sensors, spill bucket tested and passed testing requirements. TEC Accutite was the service contractor present for inspection. No violations noted.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/07/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Steve Douglas is the facility rep. TEC Accutite performed the UST monitoring system certification, no ust violations were noted at the time of the inspection. Generator with a day tank was inspected on the roof of the building. 2016 CERS submittal was up to date.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: CUPA District

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Name:	Berkeley City Toxics Management Division
Entity Title:	
Address:	1947 Center Street, 1st Floor
City:	Berkeley
State:	CA
Country:	
Zip Code:	94704
Phone:	(510) 981-7460

Affil Type Desc:	Parent Corporation
Entity Name:	City of Berkeley Central Library
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	Environmental Contact
Entity Name:	Lam Inthavong
Entity Title:	
Address:	1326 Allston Way
City:	Berkeley
State:	CA
Country:	
Zip Code:	94702
Phone:	

Affil Type Desc:	Property Owner
Entity Name:	City of Berkeley
Entity Title:	
Address:	2180 Milvia Street
City:	Berkeley
State:	CA
Country:	United States
Zip Code:	94704
Phone:	(510) 981-2489

Affil Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	
Address:	2031 Bancroft Way
City:	Berkeley
State:	CA
Country:	
Zip Code:	94704
Phone:	

Affil Type Desc:	UST Tank Operator
Entity Name:	City of Berkeley - Public Library
Entity Title:	
Address:	2031 Bancroft Avenue
City:	Berkeley
State:	CA
Country:	United States
Zip Code:	94704
Phone:	(510) 981-6178

Affil Type Desc:	UST Property Owner Name
Entity Name:	City of Berkeley
Entity Title:	
Address:	2180 Milvia Street
City:	Berkeley
State:	CA
Country:	United States
Zip Code:	94704
Phone:	(510) 981-2489

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc: Legal Owner
Entity Name: City of Berkeley Main Library
Entity Title:
Address: 2090 Kittredge Street
City: Berkeley
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 981-6100

Affil Type Desc: UST Permit Applicant
Entity Name: Elizabeth Joy Brown
Entity Title: Environmental Compliance Specialist
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 981-6629

Affil Type Desc: Identification Signer
Entity Name: Lam Inthavong
Entity Title: Environmental Compliance Specialist
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: City of Berkeley
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 981-6172

Affil Type Desc: UST Tank Owner
Entity Name: City of Berkeley
Entity Title:
Address: 2180 Milvia Street
City: Berkeley
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 981-2489

Coordinates

Env Int Type Code: HMBP
Program ID: 10132681
Latitude: 37.867702
Longitude: -122.268990
Coord Name:
Ref Point Type Desc: Unknown

23	3 of 4	S	0.07 / 344.34	173.54 / -9	**City of Berkeley Central Library** **2031 Bancroft Way** **Berkeley CA 94704**	UST

Facility ID:
CERS ID: 10132681
County: Alameda
Latitude: 37.8678409
Longitude: -122.2685623
Permitting Agency: Berkeley City Toxics Management Division
Note: Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search
Site Facility Type: PERMITTED UNDERGROUND STORAGE TANK (UST)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source:		Permitted Underground Storage Tank (UST) Data Download				

23	4 of 4	S	0.07 / 344.34	173.54 / -9	CITY OF BERKELEY PUBLIC LIBRARY 2031 BANCROFT WAY BERKELEY CA 94704	EMISSIONS

2018 Criteria Data

Facility ID:	200362	**CERR Code:**	
Facility SIC Code:	9199	**TOGT:**	.000388786
CO:	1	**ROGT:**	.000341548501
Air Basin:	SF	**COT:**	.000971964
District:	BA	**NOXT:**	.001943928
COID:	ALA	**SOXT:**	.00007623
DISN:	BAY AREA AQMD	**PMT:**	.00020115392354124748490945674044265593 5614
CHAPIS:		**PM10T:**	.000199947

2018 Toxic Data

Facility ID:	200362	**COID:**	ALA
Facility SIC Code:	9199	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:	.78		
Non-Cancer Chronic Haz Ind:	0		
Non-Cancer Acute Haz Ind:			

24	1 of 6	NNW	0.07 / 352.98	177.36 / -5	Berkeley City College 2050 Center St CA	BERKELEY CUPA

Facility ID: FA0000654

Additional Information

Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	333 East 8th St
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	Peralta Community College District	**Postal State:**	CA
City:	Oakland	**Postal Zip:**	94606
Program Element:	SW02 - STORMWATER	**Postal Address:**	333 East 8th St
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	Peralta Community College District	**Postal State:**	CA
City:	Oakland	**Postal Zip:**	94606
Program Element:	4200 - HMBP	**Postal Address:**	333 East 8th St
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	Peralta Community College District	**Postal State:**	CA
City:	Oakland	**Postal Zip:**	94606

24	2 of 6	NNW	0.07 / 352.98	177.36 / -5	AMOROSO CONSTRUCTION JOB 664 2050 CENTER ST CA	BERKELEY CUPA

Facility ID: FA0000509

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Additional Information

Program Element:	4200 - HMBP	***Postal Address:***	390 BRIDGE PARKWAY
Billing Status:	02 - INACTIVE, NON-BILLABLE	***Postal Address 2:***	
Owner:	PAUL MASON	***Postal State:***	CA
City:	REDWOOD SHORES	***Postal Zip:***	94065

24	*3 of 6*	*NNW*	*0.07 / 352.98*	*177.36 / -5*	***Berkeley City College 2050 CENTER ST BERKELEY CA 94704***	***CERS HAZ***

Site ID:	11834
Latitude:	37.870003
Longitude:	-122.269210
County:	Alameda County

Regulated Programs

EI ID:	10002232	***EI Description:***	Chemical Storage Facilities
EI ID:	10002232	***EI Description:***	Hazardous Waste Generator

Violations

Violation Date:	01/13/2016	***Violation Source:***	CERS
Violation Program:	HMRRP	***Violation Division:***	Berkeley City Toxics Management Division
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)		
Violation Notes:			

Returned to compliance on 03/28/2016. Site map(s) do not include all required content. The maps do not include ER equipment, hazardous materials locations, emergency shut offs, evacuation staging area. Corrective action: Provide maps which show all required information in CERS. 2/25/2016 - extension requested to original comply by date of 2/12/2016, and granted till 3/28/2016

Violation Description:

Failure to complete and electronically submit a site map with all required content.

Violations

Violation Date:	01/30/2019	***Violation Source:***	CERS
Violation Program:	HW	***Violation Division:***	Berkeley City Toxics Management Division
Citation:	40 CFR 1 262.34(d)(5)(ii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(ii)		
Violation Notes:			

Returned to compliance on 03/14/2019. Emergency postings should include the Office of emergency services, fire department, local CUPA, in house emergency contact. Corrective action: Add emergency phone numbers to current postings. TMD will provide a template that has all required phone numbers.

Violation Description:

Failure to post the following information next to the telephone:
(A) The name and telephone number of the emergency coordinator;
(B) Location of fire extinguishers and spill control material, and, if present, fire alarm; and
(C) The telephone number of the fire department, unless the facility has a direct alarm.

Violations

Violation Date:	01/30/2019	***Violation Source:***	CERS
Violation Program:	HMRRP	***Violation Division:***	Berkeley City Toxics Management Division
Citation:	HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation Notes:

Returned to compliance on 04/11/2019. Map does not identify the hazardous material/waste storage areas, north direction, evacuation meeting point. Corrective action: update site map and resubmit on CERS.calepa.ca.gov

Violation Description:

Failure to complete and electronically submit a site map with all required content.

Violations

Violation Date: 01/13/2016 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.5 Multiple Sections - California Health and Safety Code, Chapter 6.5, Section(s) Multiple Sections
Violation Notes:

Returned to compliance on 03/28/2016. Facility did not meet the requirements of 25200.3.1(b) while accumulating hazardous waste in a laboratory accumulation area. Observed open containers of hazardous wastes throughout the labs as noted on pages 2, 3, 4. Observed containers of hazardous wastes without proper labeling. Corrective action: Mark all hazardous waste containers with the words "Hazardous waste", composition, physical state, hazard property, name and address of generator and accumulation start date. Provide lids or appropriate closures for all hazardous waste containers and ensure they are closed at all times unless actively adding or removing waste. 2/25/2016 - extension requested to original comply by date of 2/12/2016, and granted till 3/28/2016

Violation Description:

Haz Waste Generator Program - Operations/Maintenance - General

Violations

Violation Date: 01/13/2016 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 07/12/2016. the hazardous materials inventory is incomplete and inaccurate in that the diesel in the pump room is not disclosed and the hazardous wastes are not all disclosed. Corrective action: Update the inventory to reflect all hazardous materials storage at the site in CERS. 2/25/2016 - extension requested to original comply by date of 2/12/2016, and granted till 3/28/2016

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 01/13/2016 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508.1(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(f)
Violation Notes:

Returned to compliance on 03/22/2016. Business Plan was not electronically updated to reflect change in environmental contact. Corrective action: Revise the contacts and phone number(s) in the electronic reporting system, cers.calepa.ca.gov. 2/25/2016 - extension requested to original comply by date of 2/12/2016, and granted till 3/28/2016

Violation Description:

Failure to electronically update the business plan within 30 days of a substantial change.

Violations

Violation Date: 01/13/2016 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Berkeley City Toxics Management Division

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Citation: 40 CFR 1 265.33 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.33
Violation Notes:

Returned to compliance on 03/28/2016. Eyewash and safety shower stations aren't being checked weekly as indicated by the log. Corrective action: Test and maintain all emergency equipment in accordance with manufacturer's instructions and ANSI protocols. 2/25/2016 - extension requested to original comply by date of 2/12/2016, and granted till 3/28/2016

Violation Description:

Failure of the facility to test and maintain all communications or alarm systems, fire protection equipment, spill control equipment, and decontamination equipment.

Violations

Violation Date: 01/13/2016 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Berkeley City Toxics Management Division
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Notes:

Returned to compliance on 05/24/2016. Personnel did not demonstrate that they were familiar with proper waste handling procedures based on observation of open containers and improper labeling. Training records were unavailable confirming the annual training for hazard communication, IIPP, PPE, spill clean up, SDS, emergency response equipment, inspection procedures, etc. as laid out in the training plan. Corrective action: provide training to all employees to ensure they are thoroughly familiar with proper waste handling, emergency response procedures relevant to their responsibilities and other topics as noted in the training plan. Document the training and provide a copy of the training records to Toxics Management Division. 2/25/2016 - extension requested to original comply by date of 2/12/2016, and granted till 3/28/2016

Violation Description:

Failure to ensure employees are familiar with the handling and compliance of hazardous waste regulations and emergency response.

Violations

Violation Date: 01/13/2016 **Violation Source:** CERS
Violation Program: HMRRP **Violation Division:** Berkeley City Toxics Management Division
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Returned to compliance on 05/24/2016. Training records were unavailable confirming the annual training for hazard communication, IIPP, PPE, spill clean up, SDS, emergency response equipment, inspection procedures, etc. as laid out in the training plan. Corrective action: provide training to all employees to ensure they are thoroughly familiar with proper waste handling, emergency response procedures relevant to their responsibilities and other topics as noted in the training plan. Document the training and provide a copy of the training records to Toxics Management Division. 2/25/2016 - extension requested to original comply by date of 2/12/2016, and granted till 3/28/2016

Violation Description:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violations

Violation Date: 01/30/2019 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Berkeley City Toxics Management Division
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 03/14/2019. Hazardous waste containers were not properly labeled in that some waste container did not include "Hazardous Waste", hazardous characteristics, or accumulation start dates. Corrective Action: Properly label all hazardous waste containers including the satellite waste containers.

Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violations

Violation Date: 01/30/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 04/11/2019. Hazardous materials inventory must be updated to include the federal hazard categories. Inventory entries done as categories should include the names of the chemicals being stored in the "Component Name" sections. "Max daily" on inventory should reflect the maximum amount of chemical stored onsite, not the usage. Max daily should not be less than the largest container. Chemicals that are extremely hazardous(EHS), such as formaldehyde, should be reported on the inventory. Corrective action: Update the inventory and resubmit on CERS.calepa.ca.gov

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 01/13/2016 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Notes:

Returned to compliance on 03/28/2016. Facility did not have designated facility manifest copies for the 2014 or 2015 manifests. There does not appear to be a process for ensuring the designated facility copy has been received and that a copy is sent to DTSC. Corrective action: Obtain designated facility-signed copies of the manifests. Provide a procedure for submitting copies of manifest to DTSC within 30 days, confirmation of reciept of the designated facility copy, and, if not received, proper notification to DTSC and exception report, if necessary. 2/25/2016 - extension requested to original comply by date of 2/12/2016, and granted till 3/28/2016

Violation Description:

Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.

Enforcements

Enf Action Date: 01/13/2016 ***Enf Action Program:*** HMRRP
Enf Action Type: Notice of Violation (Unified Program) ***Enf Action Source:*** CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Enf Action Date: 01/13/2016 ***Enf Action Program:*** HW
Enf Action Type: Notice of Violation (Unified Program) ***Enf Action Source:*** CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Evaluations

Eval Date: 01/13/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Onsite for routine inspection to confirm information in the Hazardous Materials Business Plan and proper management of hazardous waste. The College has a standby generator, custodial supplies and laboratories. The Hazardous Materials Business Plan was last submitted May 28, 2015. Greg Valentine,

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Environmental contact listed on the Business Owner Operator form, is no longer with Peralta. Carrie Burdick, Staff Assistant in the Office of Risk Management, to be contacted. Met with Ralph Smeester, Assistant Chief Stationary Engineer. Site has a 200 gallon below grade storage tank in the pump room. Diesel is pumped from this tank to a 400 gallon generator on the roof. Both tanks are double walled. The below grade tank has an overfill and sensors in bermed area. Piping up to roof is double walled with sensors. Ralph indicates these sensors are tested on a routine basis to ensure operational, in addition to visual inspection of the pump room. On the roof, Ralph believes one of [Truncated]; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/13/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Room 522 Fumehood #1 -Observed cotnainers of heavy metals/inorganic hazardous waste, organic waste, trizol waste open, with no one working in the lab. The containers holding hazardous waste do not have accumulation start dates. Willard indicates the hazardous waste in the containers in the hood are transferred into larger containers in Room 521A. Waste disposal contractor picks up the hazardous waste from this room. Room 521A - carbon dioxide cylinders stored in this room along with other hazardous materials used to make solutions for the labs. Hazardous waste is stored in this area. Bottles of heavy metal/inorganic waste not labeled properly. Room 521 - Observed bottles of organic waste with funnel in opening labeled only as organic waste. Organic waste bottle was closed and labeled properly. The solid barium waste was labeled only with composition. Aqueous heavy metal waste bottles are open and only labeled with composition. The flask also has a funnel in the [Truncated]; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/31/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Employees are trained annually on safety procedures and handling of hazardous materials, records were available for review.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/31/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Hazardous waste manifests were reviewed for 2016, 2017, 2018. Hazardous wastes are stored in containers that are in good condition and secondarily contained or in hood cabinets. Emergency response equipment - fire extinguishers, eye wash/ showers, spill kits - are inspected monthly and readily available in locations where hazardous materials/waste are located. Emergency evacuation maps are posted throughout the facility. ; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/14/2016
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Non-Inspection related violation: Failed to submit annual Hazardous Materials Business Plan for FY17 (PM); Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Parent Corporation
Entity Name: Berkeley City College
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: Peralta Community College District
Entity Title:
Address: 333 East 8th St
City: Oakland
State: CA
Country: United States
Zip Code: 94606
Phone: (510) 466-7200

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 333 East 8th St
City: Oakland
State: CA
Country:
Zip Code: 94606
Phone:

Affil Type Desc: Document Preparer
Entity Name: Carrie Burdick
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Identification Signer
Entity Name: Carrie Burdick
Entity Title: Risk Coordinator
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: Berkeley City College
Entity Title:
Address:
City:
State:
Country:
Zip Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone: (510) 981-2800

Affil Type Desc: Environmental Contact
Entity Name: Carrie Burdick
Entity Title:
Address: 333 East 8th Street
City: Oakland
State: CA
Country:
Zip Code: 94606
Phone:

Coordinates

Env Int Type Code: HWG
Program ID: 10002232
Latitude: 37.870033
Longitude: -122.269690
Coord Name:
Ref Point Type Desc: Unknown

24	4 of 6	NNW	0.07 / 352.98	177.36 / -5	PERALTA COMMUNITY COLLEGE DISTRICT 2050 CENTER STREET BERKELEY CA 94704	EMISSIONS

2014 Criteria Data

Facility ID: 17864
Facility SIC Code: 8222
CO: 1
Air Basin: SF
District: BA
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .000196046
ROGT:
COT: .000342793
NOXT: .003422574
SOXT: .00000392
PMT: .000060123
PM10T: .000057718

2014 Toxic Data

Facility ID: 17864
Facility SIC Code: 8222
CO: 1
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2015 Criteria Data

Facility ID: 17864
Facility SIC Code: 8222
CO: 1
Air Basin: SF
District: BA
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .000402424
ROGT: .000369418
COT: .000703652
NOXT: .007025535
SOXT: .000008048
PMT: .000123414
PM10T: .000118478

2015 Toxic Data

Facility ID: 17864
Facility SIC Code: 8222
COID: ALA
DISN: BAY AREA AQMD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CO: 1
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
CHAPIS:
CERR Code:

2016 Criteria Data

Facility ID: 17864
Facility SIC Code: 8222
CO: 1
Air Basin: SF
District: BA
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR CODE:
TOGT: .000402424
ROGT: .000353529484
COT: .000703652
NOXT: .007025535
SOXT: .000008048
PMT: .000123414
PM10T: .000118478

2016 Toxic Data

Facility ID: 17864
Facility SIC Code: 8222
CERR CODE:
COID: ALA
CO: 1
DISN: BAY AREA AQMD
CHAPIS:
TS:
HRA:
CH Index:
AH Index:
Air Basin: SF
District: BA

2018 Criteria Data

Facility ID: 17864
Facility SIC Code: 8222
CO: 1
Air Basin: SF
District: BA
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .000402337
ROGT: .0003534530545
COT: .000703466
NOXT: .007017067
SOXT: .000008632
PMT: .00011323340040241448692152917505030181 0865
PM10T: .000112554

2018 Toxic Data

Facility ID: 17864
Facility SIC Code: 8222
CO: 1
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
24	5 of 6	NNW	0.07 / 352.98	177.36 / -5	PERALTA COMMUNITY COLLEGE DIST 2050 CENTER STREET BERKELEY CA 94704	EMISSIONS

2008 Criteria Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID:	17864	**CERR Code:**	
Facility SIC Code:	8222	**TOGT:**	.01
CO:	1	**ROGT:**	.008367
Air Basin:	SF	**COT:**	.018
District:	BA	**NOXT:**	.184
COID:	ALA	**SOXT:**	.014
DISN:	BAY AREA AQMD	**PMT:**	.003
CHAPIS:		**PM10T:**	.002928

2008 Toxic Data

Facility ID:	17864	**COID:**	ALA
Facility SIC Code:	8222	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	17864	**CERR Code:**	
Facility SIC Code:	8222	**TOGT:**	.011
CO:	1	**ROGT:**	.0092037
Air Basin:	SF	**COT:**	.018
District:	BA	**NOXT:**	.185
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	. 00307377049180327868852459016393442622 9508
CHAPIS:		**PM10T:**	.003

2009 Toxic Data

Facility ID:	17864	**COID:**	ALA
Facility SIC Code:	8222	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	17864	**COID:**	ALA
Facility SIC Code:	8222	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	17864	**CERR Code:**	
Facility SIC Code:	8222	**TOGT:**	0
CO:	1	**ROGT:**	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Air Basin:	SF	**COT:**	0
District:	BA	**NOXT:**	.004
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2011 Toxic Data

Facility ID:	17864	**COID:**	ALA
Facility SIC Code:	8222	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	17864	**CERR Code:**	
Facility SIC Code:	8222	**TOGT:**	0
CO:	1	**ROGT:**	0
Air Basin:	SF	**COT:**	0
District:	BA	**NOXT:**	.004
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2012 Toxic Data

Facility ID:	17864	**COID:**	ALA
Facility SIC Code:	8222	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	17864	**CERR Code:**	
Facility SIC Code:	8222	**TOGT:**	0
CO:	1	**ROGT:**	0
Air Basin:	SF	**COT:**	0
District:	BA	**NOXT:**	.004
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2013 Toxic Data

Facility ID:	17864	**COID:**	ALA
Facility SIC Code:	8222	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
24	6 of 6	NNW	0.07 / 352.98	177.36 / -5	BERKELEY CITY COLLEGE 2050 CENTER ST BERKELEY CA 94704-1205	RCRA NON GEN

EPA Handler ID: CAL000309228
Gen Status Universe: No Report
Contact Name: CARRIE BURDICK
Contact Address: 333 E 8TH ST, RISK MANAGEMENT DEPARTMENT, OAKLAND, CA, 94606,
Contact Phone No and Ext: 510-466-7240
Contact Email: CBURDICK@PERALTA.EDU
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 20060719

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20060719
Handler Name: BERKELEY CITY COLLEGE
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: CARRIE BURDICK
Date Became Current:
Date Ended Current:
Phone: 510-466-7240
Source Type: Implementer
Street No:
Street 1: 333 E 8TH ST
Street 2: RISK MANAGEMENT DEPARTMENT
City: OAKLAND
State: CA
Country:
Zip Code: 94606

Owner/Operator Ind: Current Owner
Type: Other
Name: PERALTA COMMUNITY COLLEGE DISTRICT
Date Became Current:
Street No:
Street 1: 333 E 8TH ST
Street 2:
City: OAKLAND

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Ended Current: **State:** CA
Phone: 510-466-7240 **Country:**
Source Type: Implementer **Zip Code:** 94606-0000

25 | 1 of 2 | N | 0.07 / 355.36 | 179.94 / -3 | Eureka! Berkeley 2068 Center St CA | BERKELEY CUPA

Facility ID: FA0001078

Additional Information

Program Element: 4200 - HMBP **Postal Address:** 12101 Crenshaw Blvd. Ste. 400
Billing Status: 01 - ACTIVE, CUPA **Postal Address 2:**
Owner: Eureka Restaurant Group **Postal State:** CA
City: Hawthorne **Postal Zip:** 90250

25 | 2 of 2 | N | 0.07 / 355.36 | 179.94 / -3 | Eureka! Berkeley 2068 CENTER ST BERKELEY CA 94704 | CERS HAZ

Site ID: 364414
Latitude: 37.869961
Longitude: -122.269012
County: Alameda County

Regulated Programs

EI ID: 10660327 **EI Description:** Chemical Storage Facilities

Violations

Violation Date: 02/01/2017 **Violation Source:** CERS
Violation Program: HMRRP **Violation Division:** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 03/06/2017. Inadequate completion and electronic submission of annotated Site Map with all required content. The Hazardous Materials Business Plan's are required to be complete and accurate. The site map is missing some of the required information: Missing loading/unloading areas for hazardous materials, storm & sewer drains, additional location for emergency response equipment. Corrective Action: Please update the Site map and add missing required information (Loading areas, storm water & sanitary sewer drain, fire extinguishers)

Violation Description:

Failure to complete and electronically submit a site map with all required content.

Violations

Violation Date: 08/25/2016 **Violation Source:** CERS
Violation Program: HMRRP **Violation Division:** Berkeley City Toxics Management Division
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Notes:

Returned to compliance on 09/12/2016. Facility failed to establish and adequately implemented a business plan. The facility exceed the specified thresholds of hazardous materials required to submit HMBP. In accordance with BMC 15.12.050. Therefore the facility meet the requirement to report chemical inventory and submit HMBP. Please establish HMBP by september 25,2016. To complete your HMBP, go to cers.calepa.ca.gov, report a complete list of chemical inventory, site map, emergency response plan, and employee training plan.

Violation Description:

Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violations

Violation Date: 06/24/2020
Violation Source: CERS
Violation Program: HMRRP
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 09/08/2020. Observation: TMD observed nitrogen generation unit and cylinders of unknown quantity, 1 CO2 dewar of unknown quantity, and approximately 50~ gallons of liquid cleaning chemicals which were not listed on HazMat inventory in CERS. Operator could not confirm refrigerant type in coolers. Corrective Action: Confirm type of refrigerant used in coolers and quantity. Confirm quantities of nitrogen and CO2 in the 3 cylinders and 1 dewar observed, and the nitrogen generation wall unit. Confirm quantities and types of liquid HazMat. Update inventory in CERS to reflect these corrections, within 30 days, by July 23rd.

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Evaluations

Eval Date: 08/25/2016
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Location: Kitchen/Storage Area: (1X) NuCO2 550/Liquid CO2 ~ 2,430 Cubic ft., (1x) 70.8 # Nitrogen ~ 573.48 Cubic ft., (2X) CO2 compressed gas ~ 400 Cubic ft. Cleaning Materials: Product of Ecolab- ultra dry machine warewashing ~ 5 gal, ECOSAN Liquid Sanitizer ~ 5 gal, Floor Cleaner ~ 5 gal, Antimicrobial Fruit and Vegetable treatment ~ 2.5 gal, OASIS ~2.5 gal, OASIS multisquat sanitizer ~2.5 gal, sanitizing wash n walk ~ 2.5 gal, multisurface cleaner and disinfectant ~2 gal, Limeaway ~2 gal, Grease lift ~ (4X) 0.53 gal, Scout pot and pan detergent ~ 4 gal, miscellaneous cleaning materials- wine line cleaner, stainless steel cleaner; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/01/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

-Toxics Management Division (Jewel Mauricio) arrived on site to conduct an unannounced initial routine inspection for Hazardous Materials Business Plan (HMBP) program. - No changes in the business activities from the last submittal - There are some changes in the Business Owner Operator from the last submittal. The facility's primary emergency contact no longer work for the company. Needs to be updated. - Used cooking oil can be removed from the hazardous materials inventory list. - Observed additional fire extinguishers on site and but was not included on the site map. - Loading/unloading area, storm water and sewer drain was not included on the site map. - Safety trainings are completed on-line and training logs are also saved on-line. The facility will be able to provide training logs upon request. - Fire extinguishers are up to date.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/24/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Toxics Management Division (TMD) attempted to conduct virtual inspection by video on 6/23/2020 but, due to connectivity errors, rescheduled to 6/24/2020. Site operator Kymberly Dong connected with TMD via smartphone and toured the facility. TMD observed 4 fire extinguishers current as of March 2020. One first aid kit was observed and, per operator, another is on-site. Employee training was conducted on 6/13/2020 and records were provided to TMD prior to inspection. No older employee training records could be located. Note: employee training must be conducted within 6 months of

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

initial hire and refreshed annually, and records must be retained on-site for 3 years. CO2 and Nitrogen are stored on-site and piped throughout the facility for beverages. Operator could not verify type of refrigerant in the two walk-in coolers observed. TMD observed CO2 monitor above cooler walk-in. Compressed gases were seismically braced in their storage area, and NFPA placard was clearly [Truncated]; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Identification Signer
Entity Name: David Peters
Entity Title: Director of Development
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Document Preparer
Entity Name: Diana Shinn
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: David Peters
Entity Title:
Address: 12101 Crenshaw Blvd. Ste. 400
City: Hawthorne
State: CA
Country:
Zip Code: 90250
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 12101 Crenshaw Blvd. Ste. 400
City: Hawthorne
State: CA
Country:
Zip Code: 90250
Phone:

Affil Type Desc: Operator
Entity Name: Eureka Restaurant Group
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (310) 331-8248

Affil Type Desc: Parent Corporation
Entity Name: Eureka Restaurant Group
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc: Legal Owner
Entity Name: Eureka Restaurant Group
Entity Title:
Address: 12101 Crenshaw Blvd. Ste. 400
City: Hawthorne
State: CA
Country: United States
Zip Code: 90250
Phone: (310) 331-8248

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Coordinates

Env Int Type Code: HMBP
Program ID: 10660327
Latitude: 37.869960
Longitude: -122.269010
Coord Name:
Ref Point Type Desc: Center of a facility or station.

26	1 of 1	E	0.07 / 359.53	190.26 / 7	TASTY POT 2115 KITTREDGE ST CA	BERKELEY CUPA

Facility ID: FA0001069

Additional Information

Program Element: 4270 - HMBP - UNDER THRESHOLD
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: YUNSI LIANG
City: BERKELEY
Postal Address:
Postal Address 2:
Postal State: CA
Postal Zip:

27	1 of 2	NE	0.07 / 361.42	187.59 / 5	FIRST SHATTUCK LLC 2150 SHATTUCK AVE B100 BERKELEY CA 94704	RCRA NON GEN

EPA Handler ID: CAC003055420
Gen Status Universe: No Report
Contact Name: HEATHER SCOTT
Contact Address: 2150 SHATTUCK AVE, B100, BERKELEY, CA, 94704,
Contact Phone No and Ext: 510-644-1752
Contact Email: PROPERTYMANAGER@BEACONGROUPVENTURES.COM
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 20200211

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200211
Handler Name:	FIRST SHATTUCK LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2150 SHATTUCK AVE
Name:	HEATHER SCOTT	***Street 2:***	B100
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-644-1752	***Country:***	
Source Type:	Implementer	***Zip Code:***	94704

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	2150 SHATTUCK AVE
Name:	HEATHER SCOTT	***Street 2:***	B100
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-644-1752	***Country:***	
Source Type:	Implementer	***Zip Code:***	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
27	2 of 2	NE	0.07 / 361.42	187.59 / 5	FIRST SHATTUCK LLC 2150 SHATTUCK AVE B100 BERKELEY CA 94704	RCRA NON GEN

EPA Handler ID:	CAC003055813
Gen Status Universe:	No Report
Contact Name:	FIRST SHATTUCK LLC
Contact Address:	2150 SHATTUCK AVE, B100, BERKELEY, CA, 94704,
Contact Phone No and Ext:	510-644-1752
Contact Email:	PROPERTYMANAGER@BEACONGROUPVENTURES.COM
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	20200213

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200213
Handler Name:	FIRST SHATTUCK LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2150 SHATTUCK AVE
Name:	FIRST SHATTUCK LLC	***Street 2:***	B100
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-644-1752	***Country:***	
Source Type:	Implementer	***Zip Code:***	94704

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	2150 SHATTUCK AVE
Name:	FIRST SHATTUCK LLC	***Street 2:***	B100
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-644-1752	***Country:***	
Source Type:	Implementer	***Zip Code:***	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	1 of 6	NNW	0.07 / 372.12	177.36 / -5	BERKELEY CENTRAL 2055 Center ST CA	BERKELEY CUPA

Facility ID: FA0000943

Additional Information

Program Element:	SW02 - STORMWATER	***Postal Address:***	2055 BERKELEY ST
Billing Status:	01 - ACTIVE, CUPA	***Postal Address 2:***	
Owner:	CVBAF ACQ, LLC	***Postal State:***	CA
City:	BERKELEY	***Postal Zip:***	

Program Element:	4200 - HMBP	***Postal Address:***	2055 BERKELEY ST
Billing Status:	01 - ACTIVE, CUPA	***Postal Address 2:***	
Owner:	CVBAF ACQ, LLC	***Postal State:***	CA
City:	BERKELEY	***Postal Zip:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	2 of 6	NNW	0.07 / 372.12	177.36 / -5	ARPEGGIO OF BERKELEY 2055 CENTER ST CA	BERKELEY CUPA

Facility ID: FA0000710

Additional Information

Program Element: 4200 - HMBP
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: SNK CAPTEC ARPEGGIO, LLC
City: DALLAS
Postal Address: 6611 HILLCREST AVENUE #100
Postal Address 2:
Postal State: TX
Postal Zip: 75205

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	3 of 6	NNW	0.07 / 372.12	177.36 / -5	PACIFIC STANDARD BY HALF MOON BREWING CO. 2055 Center ST CA	BERKELEY CUPA

Facility ID: FA0001139

Additional Information

Program Element: 4200 - HMBP
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: Nate Rey
City: El Granada
Postal Address: PO Box 879
Postal Address 2:
Postal State: CA
Postal Zip: 94018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	4 of 6	NNW	0.07 / 372.12	177.36 / -5	BERKELEY CENTRAL 2055 CENTER ST BERKELEY CA 94704	CERS HAZ

Site ID: 361400
Latitude: 37.870419
Longitude: -122.269310
County: Alameda County

Regulated Programs

EI ID: 10602652
EI Description: Chemical Storage Facilities

Violations

Violation Date: 08/18/2020
Violation Program: HMRRP
Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Observation: Site Map does not clearly depict Hazardous Materials locations and does not show that generator is located on roof top and is unclear due to poor photo-copy quality. Site Map is missing Emergency Evacuation Assembly Area. Corrective Action: Create new Site Map showing separately the ground floor and the rooftop, as well as the Emergency Evacuation Assembly Area. Submit to CERS.

Violation Description:

Failure to complete and electronically submit a site map with all required content.

Violations

Violation Date: 08/18/2020
Violation Program: HMRRP
Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Observation: No employee training records were available at time of inspection. Corrective Action: Complete employee training and submit record to Toxics Management Division.

Violation Description:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violations

Violation Date: 05/22/2014 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Notes:

Returned to compliance on 05/28/2014.

Violation Description:

Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.

Violations

Violation Date: 12/10/2013 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Notes:

Returned to compliance on 02/09/2014. note the warning signs violation is a placeholder for HW waste paint on site, latex paint from original construction

Violation Description:

Business Plan Program - Administration/Documentation - General

Violations

Violation Date: 06/07/2017 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25505.1 - California Health and Safety Code, Chapter 6.95, Section(s) 25505.1
Violation Notes:

Returned to compliance on 06/07/2017. Corrective action: Personalize template provided by Berkeley TMD and send to property owner.

Violation Description:

Failure to notify property owner in writing that the business is subject to the business plan program and has complied with its provisions.

Violations

Violation Date: 12/10/2013 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25510 - California Health and Safety Code, Chapter 6.95, Section(s) 25510
Violation Notes:

Returned to compliance on 02/26/2014.

Violation Description:

Failure to update hazardous material inventory within 30 days when one of the following occurs:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

A 100 percent or more increase in the quantity of a previously disclosed material.
Any handling of a previously undisclosed hazardous materials A change of business address, business ownership, or business name.

Violations

Violation Date: 04/14/2016
Violation Source: CERS
Violation Program: HMRRP
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Notes:

Returned to compliance on 06/15/2017.

Violation Description:

Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violations

Violation Date: 08/18/2020
Violation Source: CERS
Violation Program: HMRRP
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Observation: Hazardous Materials in CERS are using obsolete Federal Hazard Categories. Corrective Action: Update inventory in CERS to use 24 newly adopted Federal Hazard Categories - de-select old categories.

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Enforcements

Enf Action Date: 12/10/2013
Enf Action Program: HMRRP
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Source: CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Enf Action Date: 05/22/2014
Enf Action Program: HMRRP
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Source: CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Evaluations

Eval Date: 05/22/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

present for the AST sensor test. Sensors passed, awaiting verification of the AST belly tank sensor. According to RP the Diesel generator is inspected quarterly by service contractor, suggested to have them do the sensor test on an annual basis rather than hire an additional contractor to conduct the test.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Eval Date: 08/18/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Toxics Management Division (TMD) conducted this inspection virtually, via a combination of audio and visual streaming. Operator could not produce employee training records at time of inspection. Per operator, the generator on-site is inspected and turned on quarterly, though no inspection logs could be produced. Per operator, universal waste (including light bulbs) is stored for later recycling. Operator submitted photograph of universal waste to TMD. TMD observed: - 1x 5gal paint - household cleaners in household quantities (stored in small flammable liquids locker) - 1x 300gal capacity generator; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 04/14/2016
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Non-Inspection related violation: Failed to submit annual Hazardous Materials Business Plan for FY17 (PM); Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/10/2013
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

HW waste latex present needs to be disposed of, this will be a one time disposal.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 06/07/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

300 gal diesel tank located within the generator on the roof. Tank is visually inspected monthly and refilled annually if needed. A gauge is available to view liquid levels, this gauge should be utilized during the monthly inspections to verify the liquid level is constant and there are no leaks. No staining or leaks observed during inspection. Paint is kept on lowest level in parking garage, which is not accessible to the general public. Paint containers are not leaky or rusty; release is unlikely. Property owner was not notified of haz mat on site and of compliance with business plan requirements per HSC 6.95. Training is completed via monthly safety meetings. Evacuation procedures are covered annually. Training materials reviewed , roster viewed online. compliant.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Environmental Contact
Entity Name: Allanah Marquis
Entity Title:
Address: 2055 CENTER STREET
City: BERKELEY
State: CA
Country:
Zip Code: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone:

Affil Type Desc: Operator
Entity Name: Berkeley Central
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 647-3761

Affil Type Desc: Legal Owner
Entity Name: CVBAF ACQ, LLC
Entity Title:
Address: 2055 BERKELEY ST
City: BERKELEY
State: CA
Country: United States
Zip Code:
Phone: (214) 663-9431

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 2055 Center Street
City: BERKELEY
State: CA
Country:
Zip Code: 94704
Phone:

Affil Type Desc: Parent Corporation
Entity Name: Berkeley Central
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Identification Signer
Entity Name: Allanah Marquis
Entity Title: Community Manager
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Document Preparer
Entity Name: Kaylin Carlson
Entity Title:
Address:
City:
State:
Country:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Zip Code:
Phone:

Coordinates

Env Int Type Code:	HMBP	**Longitude:**	-122.269280
Program ID:	10602652	**Coord Name:**	
Latitude:	37.870417	**Ref Point Type Desc:**	Entrance point of a facility or station

28	5 of 6	NNW	0.07 / 372.12	177.36 / -5	BERKELEY CENTRAL 2055 CENTER STREET BERKELEY CA 94704	EMISSIONS

2014 Criteria Data

Facility ID:	20070	**CERR Code:**	
Facility SIC Code:	1522	**TOGT:**	.001024348
CO:	1	**ROGT:**	
Air Basin:	SF	**COT:**	.006118586
District:	BA	**NOXT:**	.017778809
COID:	ALA	**SOXT:**	.000021837
DISN:	BAY AREA AQMD	**PMT:**	.0004283
CHAPIS:		**PM10T:**	.000411168

2014 Toxic Data

Facility ID:	20070	**COID:**	ALA
Facility SIC Code:	1522	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	20070	**CERR Code:**	
Facility SIC Code:	1522	**TOGT:**	.001024348
CO:	1	**ROGT:**	.000934784
Air Basin:	SF	**COT:**	.006118586
District:	BA	**NOXT:**	.01777881
COID:	ALA	**SOXT:**	.000021837
DISN:	BAY AREA AQMD	**PMT:**	.0004283
CHAPIS:		**PM10T:**	.000411168

2015 Toxic Data

Facility ID:	20070	**COID:**	ALA
Facility SIC Code:	1522	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID:	20070	**CERR CODE:**	
Facility SIC Code:	1522	**TOGT:**	.000410657
CO:	1	**ROGT:**	.0003607621745
Air Basin:	SF	**COT:**	.00245292
District:	BA	**NOXT:**	.007127459
COID:	ALA	**SOXT:**	.000008754
DISN:	BAY AREA AQMD	**PMT:**	.000171704
CHAPIS:		**PM10T:**	.000164836

2016 Toxic Data

Facility ID:	20070	**TS:**	
Facility SIC Code:	1522	**HRA:**	
CERR CODE:		**CH Index:**	
COID:	ALA	**AH Index:**	
CO:	1	**Air Basin:**	SF
DISN:	BAY AREA AQMD	**District:**	BA
CHAPIS:			

2017 Criteria Data

Facility ID:	20070	**CERR Code:**	
Facility SIC Code:	1522	**TOGT:**	.000410657
CO:	1	**ROGT:**	.0003607621745
Air Basin:	SF	**COT:**	.00245292
District:	BA	**NOXT:**	.007127459
COID:	ALA	**SOXT:**	.000008754
DISN:	BAY AREA AQMD	**PMT:**	.000171704
CHAPIS:		**PM10T:**	.000164836

2017 Toxic Data

Facility ID:	20070	**COID:**	ALA
Facility SIC Code:	1522	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2018 Criteria Data

Facility ID:	20070	**CERR Code:**	
Facility SIC Code:	1522	**TOGT:**	.00041093
CO:	1	**ROGT:**	.000361002005
Air Basin:	SF	**COT:**	.002454548
District:	BA	**NOXT:**	.007132188
COID:	ALA	**SOXT:**	.00000876
DISN:	BAY AREA AQMD	**PMT:**	.000171818
CHAPIS:		**PM10T:**	.000164945

2018 Toxic Data

Facility ID:	20070	**COID:**	ALA
Facility SIC Code:	1522	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						
28	6 of 6	NNW	0.07 / 372.12	177.36 / -5	SNK CAPTEC ARPEGGIO, LLC /BER 2055 CENTER STREET BERKELEY CA 94704	EMISSIONS
29	1 of 1	N	0.07 / 375.08	179.42 / -3	RITZ CAMERA (CENTER ST.) 2065 CENTER ST CA	BERKELEY CUPA

Facility ID: FA0000252

Additional Information

Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	6711 RITZ WAY
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	RITZ CAMERA CENTERS, INC)	**Postal State:**	MD
City:	BELTSVILLE	**Postal Zip:**	20705

30	1 of 1	NW	0.07 / 379.86	174.64 / -8	CITYOFBERKELEY 2025 Center St Berkeley CA 94704	ALT FUELS

ID:	158708	**CNG Dispenser No:**	
Federal Agency ID:		**CNG Fill Type Code:**	
Federal Agency:		**CNG Site Renew Src:**	
Fed Agency Name:		**CNG PSI:**	
Status:	Open: The station is open.	**CNG Storage Cap:**	
Facility Type:		**CNG Tot Compr Cap:**	
Fuel Type Code:	ELEC: Electric	**CNG Vehicle Class:**	
Owner Type Desc:		**LPG Nozzle Types:**	
Expected Date:		**LNG Site Renew Src:**	
Dt Last Confirmed:	2021-01-18	**LNG Vehicle Class:**	
Open Date:		**Hydrogen is Retail:**	
Updated at:	2021-01-18 00:19:01 UTC	**Hydrogen Pressures:**	
BD Blends:		**Hydrogen Standards:**	
NG PSI:		**Station Phone:**	888-758-4389
NG Fill Type Code:		**Latitude:**	37.870253
NG Fill Type Desc:		**Longitude:**	-122.269982
NG Vehicle Class:			
NG Vehicle Class Desc:			
E85 Blender Pump:			
E85 Blender Pump Desc:			
E85 Other Ethanol Blends:			
EV Pricing:	$1.5 per hour		
EV Pricing French:			
EV on Site Renewable Source:			
LPG Primary:			
LPG Primary Desc:			
Intersection Directions:	CENT 1 GREEN 10; green side CENT 1 GREEN 8; green side CENT 1 GREEN 9; green side CENT 1 RED 2; 2nd floor addison red CENT 2 GREEN 3; green side CENT 2 GREEN 4; green side CENT 2 GREEN 5; green side CENT 2 GREEN 6; green side CENT 2 RED 11 CENT 2 RED 12 CENT 2 RED 14; 3rd floor red side garage CENT 2 RED 16 CENT 3 RED 17 CENT 3 RED 18		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CENT 3 RED 19; 4th floor red - Addison
CENTERGARAGE 1A; -
CENTERGARAGE 1B; -
CENTERGARAGE 1C; -
CENTERGARAGE 1D; -
CENTERGARAGE 1E; -
CENTERGARAGE 1F; -
CENTERGARAGE 2A; -
CENTERGARAGE 2B; -
CENTERGARAGE 2C; -
CENTERGARAGE 2D; -
CENTERGARAGE 2E; -

Geocode Status Desc: Address level accuracy.
Hydrogen Status Link:

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31 | ***1 of 1*** | ***NW*** | ***0.07 / 382.54*** | ***174.64 / -8*** | ***CITYOFBERKELEY***
2033 Center St
Berkeley CA 94704 | ***ALT FUELS***

ID:	160791	***CNG Dispenser No:***	
Federal Agency ID:		***CNG Fill Type Code:***	
Federal Agency:		***CNG Site Renew Src:***	
Fed Agency Name:		***CNG PSI:***	
Status:	Open: The station is open.	***CNG Storage Cap:***	
Facility Type:		***CNG Tot Compr Cap:***	
Fuel Type Code:	ELEC: Electric	***CNG Vehicle Class:***	
Owner Type Desc:		***LPG Nozzle Types:***	
Expected Date:		***LNG Site Renew Src:***	
Dt Last Confirmed:	2021-01-18	***LNG Vehicle Class:***	
Open Date:		***Hydrogen is Retail:***	
Updated at:	2021-01-18 00:19:01 UTC	***Hydrogen Pressures:***	
BD Blends:		***Hydrogen Standards:***	
NG PSI:		***Station Phone:***	888-758-4389
NG Fill Type Code:		***Latitude:***	37.8705426
NG Fill Type Desc:		***Longitude:***	-122.2698498
NG Vehicle Class:			
NG Vehicle Class Desc:			
E85 Blender Pump:			
E85 Blender Pump Desc:			
E85 Other Ethanol Blends:			
EV Pricing:	$1.5 per hour		
EV Pricing French:			
EV on Site Renewable Source:			
LPG Primary:			
LPG Primary Desc:			
Intersection Directions:	CENT 2 GREEN 7		
Geocode Status Desc:	The location is from a real GPS readout at the station.		
Hydrogen Status Link:			

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32 | ***1 of 2*** | ***NW*** | ***0.08 / 400.03*** | ***174.26 / -9*** | ***City of Berkeley Center Street Garage***
2025 CENTER ST
BERKELEY CA 94704 | ***CERS HAZ***

Site ID:	445315
Latitude:	37.870530
Longitude:	-122.269870
County:	Alameda County

Regulated Programs

EI ID:	10777183	***EI Description:***	Chemical Storage Facilities

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violations

Violation Date: 04/15/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Inventory units should coincide with the physical state of th hazardous material. Federl hazard categories should be selected for all materials. Corrective action: Update inventory and submit on CERS.

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 04/15/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Emergency response plan needs to update the UPA phone number, locations of emergency equipment, emergency evacuation location, and identify earthquake vulnerable areas. Corrective Action: Update emergency response plan and submit on CERS

Violation Description:

Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

Violations

Violation Date: 04/15/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Site map should include the following: North direction, adjacent streets, safety equipment locations, exits, emergency shutoff for gas, water, and electric. Corrective Action: Update site map and submit on CERS

Violation Description:

Failure to complete and electronically submit a site map with all required content.

Violations

Violation Date: 04/15/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Emergency response and hazard communication training was not provided to employees onsite. Corrective action: Verify that third party contracted employees are properly trained and obtain records or provide training to all employees and provide records to TMD.

Violation Description:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Evaluations

Eval Date: 04/15/2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Emergency generator is located on the first floor. Generator belly tank is doubly contained and kept within a bermed area. The generator is tested weekly and topped off with diesel annually. Inventory is consistent with hazardous materials observed onsite. Fire extinguishers are available in hazardous material storage areas. Solid waste and recycling dumpsters are stored indoors.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Property Owner
Entity Name: City of Berkeley
Entity Title:
Address: 2180 Milvia Street
City: Berkeley
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 981-2489

Affil Type Desc: Document Preparer
Entity Name: Lam Inthavong
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: Lam Inthavong
Entity Title:
Address: 1326 Allston Way
City: Berkeley
State: CA
Country:
Zip Code: 94702
Phone:

Affil Type Desc: Legal Owner
Entity Name: City of Berkeley
Entity Title:
Address: 2180 Milvia Street
City: Berkeley
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 981-2489

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 1326 Allston Way
City: Berkeley
State: CA
Country:
Zip Code: 94702
Phone:

Affil Type Desc: Identification Signer
Entity Name: Lam Inthavong

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Title: Environmental Compliance Specialist
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Parent Corporation
Entity Name: City of Berkeley Center Street Garage
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: City of Berkeley - Public Works
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 981-2489

Coordinates

Env Int Type Code: HMBP
Program ID: 10777183
Latitude: 37.870530
Longitude: -122.269870
Coord Name:
Ref Point Type Desc: Center of a facility or station.

32	2 of 2	NW	0.08 / 400.03	174.26 / -9	City of Berkeley Center Street Garage 2025 Center St CA	BERKELEY CUPA

Facility ID: FA0001249

Additional Information

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: City of Berkeley
City: Berkeley
Postal Address: 2180 Milvia Street
Postal Address 2:
Postal State: CA
Postal Zip: 94704

33	1 of 3	NNE	0.08 / 400.09	188.08 / 5	BART BERKELEY SUBSTATION (RBE) 2160 Shattuck AVE CA	BERKELEY CUPA

Facility ID: FA0000460

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Additional Information

Program Element:	4200 - HMBP	***Postal Address:***	P.O. Box 12688 M/S LKS-18
Billing Status:	01 - ACTIVE, CUPA	***Postal Address 2:***	
Owner:	S.F. Bay Area Rapit Transit District	***Postal State:***	CA
City:	Oakland	***Postal Zip:***	94604-2688

33	*2 of 3*	*NNE*	*0.08 / 400.09*	*188.08 / 5*	***BART BERKELEY SUBSTATION (RBE)*** ***2160 SHATTUCK AVE*** ***BERKELEY CA 94704***	***CERS HAZ***

Site ID:	11038
Latitude:	37.870100
Longitude:	-122.268200
County:	Alameda County

Regulated Programs

EI ID:	10196518	***EI Description:***	Chemical Storage Facilities

Evaluations

Eval Date:	04/26/2016
Violations Found:	No
Eval General Type:	Compliance Evaluation Inspection
Eval Type:	Routine done by local agency
Eval Division:	Berkeley City Toxics Management Division
Eval Program:	HMRRP
Eval Source:	CERS
Eval Notes:	

Review of substation for hazardous materials storage. SPCC completed 11/17/2015. Training is completed and maintained electronically. Confirmed for hazardous materials, hazardous waste, SPCC and emergency response. Universal waste lamps are collected in bins, then transported to centralized location for disposal. Other waste generated onsite, spill absorbent is transported to Oakland for consolidation and disposal. Contractor replaces batteries. Liquid around bucket in 101B needs cleaned up.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date:	07/15/2019
Violations Found:	No
Eval General Type:	Compliance Evaluation Inspection
Eval Type:	Routine done by local agency
Eval Division:	Berkeley City Toxics Management Division
Eval Program:	HMRRP
Eval Source:	CERS
Eval Notes:	

Met Mr. Meeks on-site to conduct the routine HMBP and Stormwater inspections. Chemical inventory appeared accurate. Training was current.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc:	Property Owner
Entity Name:	S.F. Bay Area Rapid Transit District
Entity Title:	
Address:	P.O. Box 12688 M/S LKS-18
City:	Oakland
State:	CA
Country:	United States
Zip Code:	94604-2688
Phone:	(510) 464-7659

Affil Type Desc:	Document Preparer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Name: Aaron Meeks
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Identification Signer
Entity Name: Aaron Meeks
Entity Title: Safety Specialist
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: P.O. Box 12688 M/S LKS-18
City: Oakland
State: CA
Country:
Zip Code: 94604-2688
Phone:

Affil Type Desc: Legal Owner
Entity Name: S.F. Bay Area Rapid Transit District
Entity Title:
Address: P.O. Box 12688 M/S LKS-18
City: Oakland
State: CA
Country: United States
Zip Code: 94604-2688
Phone: (510) 464-7659

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Parent Corporation
Entity Name: BART
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: Aaron Meeks
Entity Title:
Address: P.O. Box 12688 M/S LKS-18
City: Oakland
State: CA
Country:
Zip Code: 94604-2688
Phone:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc: Operator
Entity Name: BART Power and Mechanical Maintenance
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 464-6640

Coordinates

Env Int Type Code: HMBP
Program ID: 10196518
Latitude: 37.870056
Longitude: -122.268021
Coord Name:
Ref Point Type Desc: Unknown

---

33 | ***3 of 3*** | ***NNE*** | ***0.08 / 400.09*** | ***188.08 / 5*** | ***BART/BERKELEY STATION***
2160 SHATTUCK AVE
BERKELEY CA 94704-1307 | ***RCRA NON GEN***

EPA Handler ID: CAL000015940
Gen Status Universe: No Report
Contact Name: GARY JENSEN
Contact Address: P.O. BOX 12688 M/S LKS-18, , OAKLAND, CA, 94604-2688,
Contact Phone No and Ext: 510-464-7659
Contact Email: GJENSEN@BART.GOV
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 19891114

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19891114
Handler Name: BART/BERKELEY STATION
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	PO BOX 12688
Name:	SAN FRANCISCO BAY AREA RTD	***Street 2:***	M/S LKS-18
Date Became Current:		***City:***	OAKLAND
Date Ended Current:		***State:***	CA
Phone:	510-464-6000	***Country:***	
Source Type:	Implementer	***Zip Code:***	94604-2688
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	P.O. BOX 12688 M/S LKS-18
Name:	GARY JENSEN	***Street 2:***	
Date Became Current:		***City:***	OAKLAND
Date Ended Current:		***State:***	CA
Phone:	510-464-7659	***Country:***	
Source Type:	Implementer	***Zip Code:***	94604-2688

34	*1 of 5*	*WNW*	*0.08 / 409.12*	*170.66 / -12*	***BERKELEY CENTRAL DUP CITY OF*** ***2180 MILIVIA ST*** ***BERKELEY CA 94704***	***RCRA SQG***

EPA Handler ID:	CAD983652280
Gen Status Universe:	Small Quantity Generator
Contact Name:	JANICE HANSEN
Contact Address:	2180 MILIVIA ST, , BERKELEY, CA, 94704, US
Contact Phone No and Ext:	510-644-6630
Contact Email:	
Contact Country:	US
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	19921103

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19921103

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Name: BERKELEY CENTRAL DUP CITY OF
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Municipal
Name: CITY OF BERKELEY
Date Became Current:
Date Ended Current:
Phone: 510-644-6630
Source Type: Notification

Street No:
Street 1: 2180 MILVIA ST
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	2 of 5	WNW	0.08 / 409.12	170.66 / -12	City of Berkeley Civic Center 2180 Milvia ST CA	BERKELEY CUPA

Facility ID: FA0000413

Additional Information

Program Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA
Owner: City of Berkeley
City: Berkeley

Postal Address: 2180 Milvia Street
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: City of Berkeley
City: Berkeley

Postal Address: 2180 Milvia Street
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	3 of 5	WNW	0.08 / 409.12	170.66 / -12	City of Berkeley Civic Center 2180 MILVIA STREET BERKELEY CA 94704	CERS HAZ

Site ID: 19426
Latitude: 37.869594
Longitude: -122.270820
County: Alameda County

Regulated Programs

EI ID: 10132675
EI Description: Chemical Storage Facilities

Violations

Violation Date: 05/07/2019
Violation Program: HMRRP
Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Failed to provide training records for employees handling hazardous materials. Corrective Action: Provide training that covers topics included in the employee training plan provided on CERS and send sign-off sheet to TMD.

Violation Description:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Evaluations

Eval Date: 04/05/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

HMBP last submitted in CERS 3/16/2015. Facility has an extension to the March 1 annual review and certification until April 28. Observed boiler room and janitorial room. Janitor supply room - buckets with rusted lids containing solidified acrylic coating in room. Manage these containers and material appropriately.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/07/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Emergency generator is located outside within a fenced area. Generator does not have an alarm system. Spills are detected via visual inspections. Generator is tested once a week. Janitorial chemicals are stored throughout facility in closets are properly stored and appear consistent with the inventory provided on CERS.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Document Preparer
Entity Name: Lam Inthavong
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: Lam Inthavong
Entity Title:
Address: 1326 Allston Way
City: Berkeley
State: CA
Country:
Zip Code: 94702
Phone:

Affil Type Desc: Legal Owner
Entity Name: City of Berkeley
Entity Title:
Address: 2180 Milvia Street
City: Berkeley
State: CA
Country: United States
Zip Code: 94702
Phone: (510) 981-2489

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 1326 Allston Way
City: Berkeley
State: CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Country:
Zip Code: 94702
Phone:

Affil Type Desc: Identification Signer
Entity Name: Lam Inthavong
Entity Title: Environmental Compliance Specialist
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Property Owner
Entity Name: City of Berkeley
Entity Title:
Address: 2180 Milvia Street
City: Berkeley
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 981-2489

Affil Type Desc: Parent Corporation
Entity Name: City of Berkeley Civic Center
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Operator
Entity Name: City of Berkeley
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 981-2489

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	4 of 5	WNW	0.08 / 409.12	170.66 / -12	CITY OF BERKELEY CIVIC CENTER 2180 MILVIA STREET BERKELEY CA 94704	EMISSIONS

2013 Criteria Data

Facility ID:	21418	**CERR Code:**	
Facility SIC Code:	9199	**TOGT:**	.004
CO:	1	**ROGT:**	.0033468
Air Basin:	SF	**COT:**	.002
District:	BA	**NOXT:**	.015

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.001
CHAPIS:		**PM10T:**	.001

2013 Toxic Data

Facility ID:	21418	**COID:**	ALA
Facility SIC Code:	9199	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	21418	**CERR Code:**	
Facility SIC Code:	9199	**TOGT:**	.003504476
CO:	1	**ROGT:**	
Air Basin:	SF	**COT:**	.002060049
District:	BA	**NOXT:**	.01546437
COID:	ALA	**SOXT:**	.000017322
DISN:	BAY AREA AQMD	**PMT:**	.000717995
CHAPIS:		**PM10T:**	.000689275

2014 Toxic Data

Facility ID:	21418	**COID:**	ALA
Facility SIC Code:	9199	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	21418	**CERR Code:**	
Facility SIC Code:	9199	**TOGT:**	.005522497
CO:	1	**ROGT:**	.005410543
Air Basin:	SF	**COT:**	.003246308
District:	BA	**NOXT:**	.02436939
COID:	ALA	**SOXT:**	.000027296
DISN:	BAY AREA AQMD	**PMT:**	.001131446
CHAPIS:		**PM10T:**	.001086188

2015 Toxic Data

Facility ID:	21418	**COID:**	ALA
Facility SIC Code:	9199	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2016 Criteria Data

Facility ID:	21418	***CERR CODE:***	
Facility SIC Code:	9199	***TOGT:***	.005522497
CO:	1	***ROGT:***	.0048515136145
Air Basin:	SF	***COT:***	.003246308
District:	BA	***NOXT:***	.024369389
COID:	ALA	***SOXT:***	.000027296
DISN:	BAY AREA AQMD	***PMT:***	.001131446
CHAPIS:		***PM10T:***	.001086188

2016 Toxic Data

Facility ID:	21418	***TS:***	
Facility SIC Code:	9199	***HRA:***	
CERR CODE:		***CH Index:***	
COID:	ALA	***AH Index:***	
CO:	1	***Air Basin:***	SF
DISN:	BAY AREA AQMD	***District:***	BA
CHAPIS:			

2017 Criteria Data

Facility ID:	21418	***CERR Code:***	
Facility SIC Code:	9199	***TOGT:***	.004268385
CO:	1	***ROGT:***	.0037497762225
Air Basin:	SF	***COT:***	.002509099
District:	BA	***NOXT:***	.018835295
COID:	ALA	***SOXT:***	.000021097
DISN:	BAY AREA AQMD	***PMT:***	.000874504
CHAPIS:		***PM10T:***	.000839524

2017 Toxic Data

Facility ID:	21418	***COID:***	ALA
Facility SIC Code:	9199	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2018 Criteria Data

Facility ID:	21418	***CERR Code:***	
Facility SIC Code:	9199	***TOGT:***	.004271217
CO:	1	***ROGT:***	.0037522641345
Air Basin:	SF	***COT:***	.002510764
District:	BA	***NOXT:***	.018847793
COID:	ALA	***SOXT:***	.000021111
DISN:	BAY AREA AQMD	***PMT:***	.000875085
CHAPIS:		***PM10T:***	.000840081

2018 Toxic Data

Facility ID:	21418	***COID:***	ALA
Facility SIC Code:	9199	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Health Risk Asmt:						
Non-Cancer Chronic Haz Ind:						
Non-Cancer Acute Haz Ind:						
34	5 of 5	WNW	0.08 / 409.12	170.66 / -12	CITY OF BERKELEY 2180 MILVIA ST BERKELEY CA 94704	RCRA NON GEN

EPA Handler ID: CAC003059399
Gen Status Universe: No Report
Contact Name: SAMANTHA MALANCHE
Contact Address: 1947 CENTER ST, 4TH FLOOR - PUBLIC WORKS, BERKELEY, CA, 94704,
Contact Phone No and Ext: 510-981-6337
Contact Email: SMALANCHE@CITYOFBERKELEY.INFO
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 20200310

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20200310
Handler Name: CITY OF BERKELEY
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: SAMANTHA MALANCHE
Date Became Current:
Date Ended Current:
Phone: 510-981-6337
Source Type: Implementer
Street No:
Street 1: 1947 CENTER ST
Street 2: 4TH FLOOR - PUBLIC WORKS
City: BERKELEY
State: CA
Country:
Zip Code: 94704

Owner/Operator Ind: Current Owner
Street No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	2180 MILVIA ST
Name:	CITY OF BERKELEY	**Street 2:**	
Date Became Current:		**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-981-6300	**Country:**	
Source Type:	Implementer	**Zip Code:**	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
35	1 of 2	SE	0.08 / 415.56	184.43 / 2	2105 BANCROFT FEE OWNER CA, LLC 2105 BANCROF T WAY BERKELEY CA 94720	RCRA NON GEN

EPA Handler ID:	CAC002972058
Gen Status Universe:	No Report
Contact Name:	TUCKER MORRIS
Contact Address:	555 12TH STREET, SUITE 650, , OAKLAND, CA, 94607,
Contact Phone No and Ext:	510-379-9348
Contact Email:	TMORRIS@HARVESTPROPERTIES.COM
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	20180720

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180720
Handler Name:	2105 BANCROFT FEE OWNER CA, LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2105 BANCROFT WAY
Name:	2105 BANCROFT FEE OWNER CA, LLC	**Street 2:**	
Date Became Current:		**City:**	BERKELEY
Date Ended Current:		**State:**	CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Phone:	510-379-9348	**Country:**	
Source Type:	Implementer	**Zip Code:**	94720
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	555 12TH STREET, SUITE 650
Name:	TUCKER MORRIS	**Street 2:**	
Date Became Current:		**City:**	OAKLAND
Date Ended Current:		**State:**	CA
Phone:	510-379-9348	**Country:**	
Source Type:	Implementer	**Zip Code:**	94607

35	2 of 2	SE	0.08 / 415.56	184.43 / 2	2105 BANCROFT FEE OWNER CA, LLC 2105 BANCROFT WAY BERKELEY CA 94720	RCRA NON GEN

EPA Handler ID:	CAC002976477
Gen Status Universe:	No Report
Contact Name:	TUCKER MORRIS
Contact Address:	555 12TH STREET, SUITE 650, , OAKLAND, CA, 94607,
Contact Phone No and Ext:	510-379-9348
Contact Email:	TMORRIS@HARVESTPROPERTIES.COM
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	20180817

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20180817
Handler Name:	2105 BANCROFT FEE OWNER CA, LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator **Street No:**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	555 12TH STREET, SUITE 650
Name:	TUCKER MORRIS	**Street 2:**	
Date Became Current:		**City:**	OAKLAND
Date Ended Current:		**State:**	CA
Phone:	510-379-9348	**Country:**	
Source Type:	Implementer	**Zip Code:**	94607
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2105 BANCROFT WAY
Name:	2105 BANCROFT FEE OWNER CA, LLC	**Street 2:**	
Date Became Current:		**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-379-9348	**Country:**	
Source Type:	Implementer	**Zip Code:**	94720

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
36	1 of 1	NW	0.08 / 416.11	173.62 / -9	CITYOFBERKELEY 2023 Center St Berkeley CA 94704	ALT FUELS

ID:	158710	**CNG Dispenser No:**	
Federal Agency ID:		**CNG Fill Type Code:**	
Federal Agency:		**CNG Site Renew Src:**	
Fed Agency Name:		**CNG PSI:**	
Status:	Open: The station is open.	**CNG Storage Cap:**	
Facility Type:		**CNG Tot Compr Cap:**	
Fuel Type Code:	ELEC: Electric	**CNG Vehicle Class:**	
Owner Type Desc:		**LPG Nozzle Types:**	
Expected Date:		**LNG Site Renew Src:**	
Dt Last Confirmed:	2021-01-18	**LNG Vehicle Class:**	
Open Date:		**Hydrogen is Retail:**	
Updated at:	2021-01-18 00:19:01 UTC	**Hydrogen Pressures:**	
BD Blends:		**Hydrogen Standards:**	
NG PSI:		**Station Phone:**	888-758-4389
NG Fill Type Code:		**Latitude:**	37.87037
NG Fill Type Desc:		**Longitude:**	-122.269844
NG Vehicle Class:			
NG Vehicle Class Desc:			
E85 Blender Pump:			
E85 Blender Pump Desc:			
E85 Other Ethanol Blends:			
EV Pricing:	$1.5 per hour		
EV Pricing French:			
EV on Site Renewable Source:			
LPG Primary:			
LPG Primary Desc:			
Intersection Directions:	CENT 1 RED 1; Center street		
Geocode Status Desc:	The location is from a real GPS readout at the station.		
Hydrogen Status Link:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
37	1 of 1	NW	0.08 / 416.76	173.62 / -9	CITYOFBERKELEY 2015 Center St Berkeley CA 94704	ALT FUELS

ID:	159848	**CNG Dispenser No:**	
Federal Agency ID:		**CNG Fill Type Code:**	
Federal Agency:		**CNG Site Renew Src:**	
Fed Agency Name:		**CNG PSI:**	
Status:	Open: The station is open.	**CNG Storage Cap:**	
Facility Type:		**CNG Tot Compr Cap:**	
Fuel Type Code:	ELEC: Electric	**CNG Vehicle Class:**	
Owner Type Desc:		**LPG Nozzle Types:**	
Expected Date:		**LNG Site Renew Src:**	
Dt Last Confirmed:	2021-01-18	**LNG Vehicle Class:**	
Open Date:		**Hydrogen is Retail:**	
Updated at:	2021-01-18 00:19:01 UTC	**Hydrogen Pressures:**	
BD Blends:		**Hydrogen Standards:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

NG PSI:		**Station Phone:**	888-758-4389
NG Fill Type Code:		**Latitude:**	37.870544
NG Fill Type Desc:		**Longitude:**	-122.27004
NG Vehicle Class:			
NG Vehicle Class Desc:			
E85 Blender Pump:			
E85 Blender Pump Desc:			
E85 Other Ethanol Blends:			
EV Pricing:	$1.5 per hour		
EV Pricing French:			
EV on Site Renewable Source:			
LPG Primary:			
LPG Primary Desc:			
Intersection Directions:	CENT 2 RED 13		
Geocode Status Desc:	The location is from a real GPS readout at the station.		
Hydrogen Status Link:			

38	1 of 1	ENE	0.08 / 442.87	191.82 / 9	AMERICAN RED CROSS 2116 ALLSTON WY BERKELEY CA 94704	LUST

Global ID:	T0600100071	**County:**	ALAMEDA
Status:	COMPLETED - CASE CLOSED	**Latitude:**	37.869448
Status Date:	5/12/1994	**Longitude:**	-122.267227
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No:	01-0078	**Potential COC:**	Diesel
Local Case No:	01-0078	**How Discovered:**	Tank Closure
Begin Date:	6/17/1991	**Stop Method:**	
Lead Agency:	BERKELEY, CITY OF	**Stop Description:**	
Local Agency:	BERKELEY, CITY OF	**Case Worker:**	GAF
CUF Case:	NO	**File Location:**	
Potential Media of Concern:	Other Groundwater (uses other than drinking water)		
How Discovered Description:			
Calwater Watershed Name:	Bay Bridges - Berkeley (203.30)		
DWR GW Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)		
Disadvantaged Community:			
Site History:			

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type:	ENFORCEMENT
Date :	5/12/1994
Action:	Closure/No Further Action Letter
Action Type:	Other
Date :	6/17/1991
Action:	Leak Reported
Action Type:	Other
Date :	6/17/1991
Action:	Leak Discovery
Action Type:	Other
Date :	6/17/1991
Action:	Leak Stopped

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
City: BERKELEY
Organization Name: BERKELEY, CITY OF
Address: 2118 MILVIA STREET 3RD FLOOR
Email: gfiedler@ci.berkeley.ca.us
Phone No:

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Completed - Case Closed
Status Date: 5/12/1994

Status: Open - Site Assessment
Status Date: 7/12/1991

Status: Open - Site Assessment
Status Date: 6/17/1991

Status: Open - Case Begin Date
Status Date: 6/17/1991

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: AMERICAN RED CROSS
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: DIESEL
Facility Type:
Composting Method:
Address: 2116 ALLSTON WY
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600100071
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 5/12/1994
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600100071&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: BERKELEY, CITY OF (LEAD) - CASE #: 01-0078
CASEWORKER: GEOFFERY FIEDLER
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0078
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 5/12/1994

Status: Open - Site Assessment
Date : 7/12/1991

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Open - Case Begin Date
Date : 6/17/1991

Status: Open - Site Assessment
Date : 6/17/1991

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Other Regulatory Actions
Action Date: 5/12/1994
Received Issue Date: 5/12/1994
Action: Closure/No Further Action Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100071&enforcement_id=6056272&temptable=ENFORCEMENT
Title Description Comments:

Case Closure Letter

Action Type: Leak Action
Action Date: 6/17/1991
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 6/17/1991
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 6/17/1991
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Document Type: Site Documents
Document Date: 5/12/1994
Type: CLOSURE/NO FURTHER ACTION LETTER
Title: CASE CLOSURE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100071&enforcement_id=6056272
Size :
Submitted By: (REGULATOR)
Submitted:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
39	1 of 2	SW	0.09 / 470.57	164.92 / -18	BERKELEY USD BERKELEY HIGH SCHOOL 2246 MILVIA ST BERKELEY CA 94704	RCRA NON GEN

EPA Handler ID: CAD981690662
Gen Status Universe: No Report
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 2246 MILVIA ST, , BERKELEY, CA, 94704, US
Contact Phone No and Ext: 415-644-6120
Contact Email:
Contact Country: US
County Name: ALAMEDA
EPA Region: 09
Land Type:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Date: 19861204

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19861204
Handler Name:	BERKELEY USD BERKELEY HIGH SCHOOL
Source Type:	Notification
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	District	***Street 1:***	NOT REQUIRED
Name:	BERKELEY UNIFIED SCHOOL	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Notification	***Zip Code:***	99999
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	District	***Street 1:***	NOT REQUIRED
Name:	NOT REQUIRED	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Notification	***Zip Code:***	99999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
39	*2 of 2*	*SW*	*0.09 / 470.57*	*164.92 / -18*	***BERKELEY HIGH SCHOOL WARM POOL*** ***2246 MILVIA ST*** ***CA***	***BERKELEY CUPA***

Facility ID: FA0000348

Additional Information

Program Element:	4200 - HMBP	***Postal Address:***	2180 Milvia Ave.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	City of Berkeley	**Postal State:**	CA
City:	Berkeley	**Postal Zip:**	94704

40	1 of 1	SW	0.09 / 474.32	165.34 / -17	Downtown Berkeley Inn 2001 Bancroft WY CA	BERKELEY CUPA

Facility ID: FA0001284

Additional Information

Program Element:	4270 - HMBP - UNDER THRESHOLD	**Postal Address:**	2001 Bancroft Way
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	Sarika Patel	**Postal State:**	CA
City:	BERKELEY	**Postal Zip:**	94704

41	1 of 2	ESE	0.09 / 494.06	190.06 / 7	UNIVERSITY OF CALIFORNIA BERKELEY BANWAY BUILDING 2111 BANCROFT WAY BERKELEY CA 94720	RCRA NON GEN

EPA Handler ID:	CAP000201947
Gen Status Universe:	No Report
Contact Name:	PATRICK T GOFF
Contact Address:	317 UNIVERSITY HALL, , BERKELEY, CA, 94720, US
Contact Phone No and Ext:	510-642-3073
Contact Email:	PTGOFF@BERKELEY.EDU
Contact Country:	US
County Name:	ALAMEDA
EPA Region:	09
Land Type:	State
Receive Date:	20091102

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20090723
Handler Name:	UNIVERSITY OF CALIFORNIA BERKELEY BANWAY BUILDING
Source Type:	Temporary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20091102
Handler Name: UNIVERSITY OF CALIFORNIA BERKELEY BANWAY BUILDING
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: State
Name: REGENTS OF THE UNIVERSITY OF CA
Date Became Current: 19740101
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1: 317 UNIVERSITY HALL
Street 2: MC 1150
City: BERKELEY
State: CA
Country: US
Zip Code: 94720

Owner/Operator Ind: Current Operator
Type: State
Name: UC BERKELEY
Date Became Current: 19740101
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1:
Street 2:
City:
State:
Country:
Zip Code:

Owner/Operator Ind: Current Owner
Type: State
Name: REGENTS OF THE UNIVERSITY OF CA
Date Became Current: 19740101
Date Ended Current:
Phone:
Source Type: Temporary
Street No:
Street 1: 317 UNIVERSITY HALL
Street 2: MC 1150
City: BERKELEY
State: CA
Country: US
Zip Code: 94720

Owner/Operator Ind: Current Operator
Type: State
Name: UC BERKELEY
Date Became Current: 19740101
Date Ended Current:
Phone:
Source Type: Temporary
Street No:
Street 1:
Street 2:
City:
State:
Country:
Zip Code:

Historical Handler Details

Receive Dt: 20090723
Generator Code Description: Small Quantity Generator
Handler Name: UNIVERSITY OF CALIFORNIA BERKELEY BANWAY BUILDING

41	2 of 2	ESE	0.09 / 494.06	190.06 / 7	UNIVERSITY OF CALIFORNIA BERKELEY, BANWAY BUILDING 2111 BANCROFT WAY	RCRA NON GEN

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					BERKELEY CA 94720	

EPA Handler ID: CAC003077441
Gen Status Universe: No Report
Contact Name: GREG HAET
Contact Address: 317 UNIVERSITY HALL, MC 1150, , BERKELEY, CA, 94720-1150,
Contact Phone No and Ext: 510-642-3073
Contact Email: GJHAET@BERKELEY.EDU
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 20200803

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20200803
Handler Name: UNIVERSITY OF CALIFORNIA BERKELEY, BANWAY BUILDING
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: GREG HAET
Date Became Current:
Date Ended Current:
Phone: 510-642-3073
Source Type: Implementer
Street No:
Street 1: 317 UNIVERSITY HALL, MC 1150
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94720-1150

Owner/Operator Ind: Current Owner
Type: Other
Name: UNIVERSITY OF CALIFORNIA, BERKELEY
Date Became Current:
Date Ended Current:
Phone: 510-642-3073
Source Type: Implementer
Street No:
Street 1: 317 UNIVERSITY HALL, MC 1150
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94720-1150

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
42	1 of 4	SSE	0.10 / 515.05	181.52 / -1	CVS PHARMACY # 3026 2300 SHATTUCK AVE BERKELEY CA 94704	RCRA LQG

EPA Handler ID: CAR000120881
Gen Status Universe: Large Quantity Generator
Contact Name: NICOLE WILKINSON
Contact Address: 1, CVS DRIVE, , WOONSOCKET, RI, 02895, US
Contact Phone No and Ext: 401-770-7132
Contact Email: NICOLE.WILKINSON@CVSHEALTH.COM
Contact Country: US
County Name: ALAMEDA
EPA Region: 09
Land Type: Private
Receive Date: 20180301

Violation/Evaluation Summary

Note: NO VIOLATIONS: All of the compliance records associated with this facility (EPA ID) indicate NO VIOLATIONS; Compliance Monitoring and Enforcement table dated Oct, 2020.

Evaluation Details

Evaluation Start Date: 20190306
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20180125
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Evaluation Start Date: 20170109
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:
Return to Compliance Date:
Evaluation Agency: State

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20020625

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Name: U C BERKELEY C E B GRAPHICS
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20120904
Handler Name: CVS PHARMACY NO 3026
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P042
Waste Code Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: P081
Waste Code Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140325
Handler Name: CVS PHARMACY #3026
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D004
Waste Code Description: ARSENIC

Hazardous Waste Code: D005
Waste Code Description: BARIUM

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: D016
Waste Code Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: D027
Waste Code Description: 1,4-DICHLOROBENZENE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: D039
Waste Code Description: TETRACHLOROETHYLENE

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P012
Waste Code Description: ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE

Hazardous Waste Code: P075

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Waste Code Description:	NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS
Hazardous Waste Code:	P081
Waste Code Description:	1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)
Hazardous Waste Code:	P188
Waste Code Description:	BENZOIC ACID, 2-HYDROXY-, COMPD. WITH (3AS-CIS)-1,2,3,3A,8,8A-HEXAHYDRO-1,3A,8-TRIMETHYLPYRROLO[2,3-B]INDOL-5-YL METHYLCARBAMATE ESTER (1:1) (OR) PHYSOSTIGMINE SALICYLATE
Hazardous Waste Code:	U002
Waste Code Description:	2-PROPANONE (I) (OR) ACETONE (I)
Hazardous Waste Code:	U010
Waste Code Description:	AZIRINO [2',3':3,4]PYRROLO[1,2-A]INDOLE-4,7-DIONE, 6-AMINO-8-[[(AMINOCARBONYL)OXY]METHYL]-1,1A, 2,8,8A,8B-HEXAHYDRO-8A-METHOXY-5-METHYL-, [1AS-(1AALPHA, 8BETA, 8AALPHA, 8BALPHA)]- (OR) MITOMYCIN C
Hazardous Waste Code:	U031
Waste Code Description:	1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)
Hazardous Waste Code:	U034
Waste Code Description:	ACETALDEHYDE, TRICHLORO- (OR) CHLORAL
Hazardous Waste Code:	U035
Waste Code Description:	BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL
Hazardous Waste Code:	U044
Waste Code Description:	CHLOROFORM (OR) METHANE, TRICHLORO-
Hazardous Waste Code:	U058
Waste Code Description:	2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE
Hazardous Waste Code:	U059
Waste Code Description:	5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL) OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN
Hazardous Waste Code:	U070
Waste Code Description:	BENZENE, 1,2-DICHLORO- (OR) O-DICHLOROBENZENE
Hazardous Waste Code:	U072
Waste Code Description:	BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE
Hazardous Waste Code:	U089
Waste Code Description:	DIETHYLSTILBESTEROL (OR) PHENOL, 4,4'-(1,2-DIETHYL-1,2-ETHENEDIYL)BIS, (E)-
Hazardous Waste Code:	U122
Waste Code Description:	FORMALDEHYDE
Hazardous Waste Code:	U129
Waste Code Description:	CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE
Hazardous Waste Code:	U132
Waste Code Description:	HEXACHLOROPHENE (OR) PHENOL, 2,2'-METHYLENEBIS[3,4,6-TRICHLORO-
Hazardous Waste Code:	U150
Waste Code Description:	L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN
Hazardous Waste Code:	U151
Waste Code Description:	MERCURY
Hazardous Waste Code:	U154
Waste Code Description:	METHANOL (I) (OR) METHYL ALCOHOL (I)
Hazardous Waste Code:	U165
Waste Code Description:	NAPHTHALENE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Code: U188
Waste Code Description: PHENOL

Hazardous Waste Code: U200
Waste Code Description: RESERPINE (OR) YOHIMBAN-16-CARBOXYLIC ACID, 11,17-DIMETHOXY-18-[(3,4,5-TRIMETHOXYBENZOYL) OXY]-, METHYL ESTER, (3BETA, 16BETA, 17ALPHA, 18BETA, 20ALPHA)-

Hazardous Waste Code: U201
Waste Code Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Hazardous Waste Code: U204
Waste Code Description: SELENIOUS ACID (OR) SELENIUM DIOXIDE

Hazardous Waste Code: U205
Waste Code Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Hazardous Waste Code: U206
Waste Code Description: D-GLUCOSE, 2-DEOXY-2-[[(METHYLNITROSOAMINO)-CARBONYL]AMINO]- (OR) GLUCOPYRANOSE, 2-DEOXY-2-(3-METHYL-3-NITROSOUREIDO)-,D- (OR) STREPTOZOTOCIN

Hazardous Waste Code: U210
Waste Code Description: ETHENE, TETRACHLORO- (OR) TETRACHLOROETHYLENE

Hazardous Waste Code: U279
Waste Code Description: CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE

Hazardous Waste Code: U411
Waste Code Description: PHENOL, 2-(1-METHYLETHOXY)-, METHYLCARBAMATE (OR) PROPOXUR

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20160829
Handler Name: CVS PHARMACY #3026
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 311
Waste Code Description: Pharmaceutical waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: 791
Waste Code Description: Liquids with pH < 2

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Code: U129
Waste Code Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Hazardous Waste Code: U205
Waste Code Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20180301
Handler Name: CVS PHARMACY # 3026
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 122
Waste Code Description: Alkaline solution without metals (pH > 12.5)

Hazardous Waste Code: 141
Waste Code Description: Off-specification, aged, or surplus inorganics

Hazardous Waste Code: 214
Waste Code Description: Unspecified solvent mixture

Hazardous Waste Code: 311
Waste Code Description: Pharmaceutical waste

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D007
Waste Code Description: CHROMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D010
Waste Code Description: SELENIUM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Code: D024
Waste Code Description: M-CRESOL

Hazardous Waste Code: P001
Waste Code Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Hazardous Waste Code: P075
Waste Code Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Hazardous Waste Code: U002
Waste Code Description: 2-PROPANONE (I) (OR) ACETONE (I)

Hazardous Waste Code: U129
Waste Code Description: CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE

Hazardous Waste Code: U205
Waste Code Description: SELENIUM SULFIDE (OR) SELENIUM SULFIDE SES2 (R,T)

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	2278
Type:	Private	**Street 1:**	SHATTUCK AVENUE
Name:	L.B. REDDY ESTATE COMPANY	**Street 2:**	
Date Became Current:	20030319	**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-549-1954	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	94704

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C	**Street 2:**	
Date Became Current:	20081022	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	State	**Street 1:**	1111 FRANKLIN ST 12TH FLOOR
Name:	REGENTS OF THE UNIV OF CALIF	**Street 2:**	
Date Became Current:		**City:**	OAKLAND
Date Ended Current:		**State:**	CA
Phone:	510-642-3073	**Country:**	
Source Type:	Notification	**Zip Code:**	94607-5200

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	LONGS DRUG STORES CALIFORNIA LLC	**Street 2:**	
Date Became Current:	20081022	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	

Owner/Operator Ind:	Current Operator	**Street No:**	1
Type:	Private	**Street 1:**	CVS DRIVE
Name:	LONGS DRUG STORES CALIFORNIA, L.L.C	**Street 2:**	
Date Became Current:	20081022	**City:**	WOONSOCKET
Date Ended Current:		**State:**	RI
Phone:	401-765-1500	**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	02895

Owner/Operator Ind:	Current Owner	**Street No:**	2278
Type:	Private	**Street 1:**	SHATTUCK AVENUE
Name:	L.B. REDDY ESTATE COMPANY	**Street 2:**	
Date Became Current:	20030319	**City:**	BERKELEY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Ended Current:		**State:**	CA
Phone:	510-549-1954	**Country:**	
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	94704
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	
Name:	LONGS DRUG STORES CALIFORNIA LLC	**Street 2:**	
Date Became Current:	20081022	**City:**	
Date Ended Current:		**State:**	
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	2278 SHATTUCK AVE
Name:	LB REDDY ESTATE CO	**Street 2:**	
Date Became Current:	20030319	**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-549-1954	**Country:**	US
Source Type:	Notification	**Zip Code:**	94704

Historical Handler Details

Receive Dt:	20160829
Generator Code Description:	Large Quantity Generator
Handler Name:	CVS PHARMACY #3026
Receive Dt:	20140325
Generator Code Description:	Large Quantity Generator
Handler Name:	CVS PHARMACY #3026
Receive Dt:	20120904
Generator Code Description:	Large Quantity Generator
Handler Name:	CVS PHARMACY NO 3026
Receive Dt:	20020625
Generator Code Description:	Small Quantity Generator
Handler Name:	U C BERKELEY C E B GRAPHICS

42	*2 of 4*	*SSE*	*0.10 / 515.05*	*181.52 / -1*	***CVS Pharmacy #3026*** ***2300 Shattuck Ave*** ***CA***	***BERKELEY CUPA***

Facility ID: FA0000769

Additional Information

Program Element:	4200 - HMBP	**Postal Address:**	2437 Durant Ave
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	RUE-ELL Enterprises	**Postal State:**	CA
City:	Berkeley	**Postal Zip:**	94704
Program Element:	SW02 - STORMWATER	**Postal Address:**	2437 Durant Ave
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	RUE-ELL Enterprises	**Postal State:**	CA
City:	Berkeley	**Postal Zip:**	94704
Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	2437 Durant Ave
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	RUE-ELL Enterprises	**Postal State:**	CA
City:	Berkeley	**Postal Zip:**	94704
Program Element:	4300 - HAZ WASTE GENERATOR (RCRA-LQG)	**Postal Address:**	2437 Durant Ave
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	RUE-ELL Enterprises	**Postal State:**	CA
City:	Berkeley	**Postal Zip:**	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
42	3 of 4	SSE	0.10 / 515.05	181.52 / -1	LONGS DRUG STORE #496 2300 SHATTUCK AVE CA	BERKELEY CUPA

Facility ID: FA0000552

Additional Information

Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	141 N. CIVIC DRIVE
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	LONGS DRUG STORES CA, INC.	**Postal State:**	CA
City:	WALNUT CREEK	**Postal Zip:**	94596
Program Element:	4200 - HMBP	**Postal Address:**	141 N. CIVIC DRIVE
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	LONGS DRUG STORES CA, INC.	**Postal State:**	CA
City:	WALNUT CREEK	**Postal Zip:**	94596

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
42	4 of 4	SSE	0.10 / 515.05	181.52 / -1	CVS PHARMACY #3026 2300 SHATTUCK AVE BERKELEY CA 94704	CERS HAZ

Site ID: 23029
Latitude: 37.867123
Longitude: -122.268250
County: Alameda County

Regulated Programs

EI ID:	10196833	**EI Description:**	Chemical Storage Facilities
EI ID:	10196833	**EI Description:**	Hazardous Waste Generator
EI ID:	10196833	**EI Description:**	RCRA LQ HW Generator

Violations

Violation Date: 01/09/2017
Violation Source: CERS
Violation Program: HMRRP
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 05/08/2017.

Violation Description:

Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violations

Violation Date: 01/25/2018
Violation Source: CERS
Violation Program: HMRRP
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.95 25508.1(a)-(f) - California Health and Safety Code, Chapter 6.95, Section(s) 25508.1(a)-(f)
Violation Notes:

Returned to compliance on 01/29/2018. Facility does not meet the HW qualifications of LQG, Violation redacted due to previous requirement of registration of all CVS sites as LQG.

Violation Description:

Failure to electronically update business plan within 30 days of any one of the following events:

A 100 percent or more increase in the quantity of a previously disclosed material.
Any handling of a previously undisclosed hazardous materials at or above reportable quantities.
A change of business address, business ownership, or business name.
A substantial change in the handler's operations that requires modification to any portion of the business plan.

Evaluations

Eval Date: 03/06/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HWLQG
Eval Source: CERS
Eval Notes:

Hazardous wastes are stored in seperate building. Waste is properly stored and seperated based on waste compatibility. Waste containers are in good condition and properly labeled. Fire extinguishers are available in warehouse and throughout. Pharmacy waste is properly handled. Hazardous waste manifests are available and compliant (3 years woth filed onsite). ; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/22/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Waste labeled appropriately, training current, volumes and locations per HMBP.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/09/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HWLQG
Eval Source: CERS
Eval Notes:

Routine HMBP, HW and Storm water facility compliance inspection. One minor HMBP violation noted, see inspection report for further observations.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/09/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Routine HMBP, HW and Stormwater facility compliance inspection. Facility EPA#CAR00120881 was reported as being active. The CERS business activities page under HW, is listed as a LQG. The amount of HW generated does not equal LGQ, instructed to recalculate/revise for the 2017 reporting period by march1st. HW manifest for the last three years was available during the inspection, Haz Com training available via electronic training modules. HW area labeled properly. Weekly inspections of the HW were in writing and available for review.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/22/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Training complete and current. Volumes and locations are consistent with 2014 submittal.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/25/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Due to previous court judgment Business is reporting as LQG, but does not generated LQG amounts of haz waste.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 03/06/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Employee training consists of hazardous waste handling, hazardous communication, and emergency response - observed records. ; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/25/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HWLQG
Eval Source: CERS
Eval Notes:

No HW violations noted. Business is required to list business as LQG per court action.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: CVS Health, Attn: Dianne E. Durand, Licensing, One CVS Drive - MC 1160
City: Woonsocket
State: RI
Country:
Zip Code: 02895
Phone:

Affil Type Desc: Parent Corporation
Entity Name: CVS Health
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc:	Identification Signer
Entity Name:	Melissa Vales, Agent for Longs Drug Stores California, L.L.C.
Entity Title:	Regulatory Compliance Specialist, Verisk 3E
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	CUPA District
Entity Name:	Berkeley City Toxics Management Division
Entity Title:	
Address:	1947 Center Street, 1st Floor
City:	Berkeley
State:	CA
Country:	
Zip Code:	94704
Phone:	(510) 981-7460

Affil Type Desc:	Document Preparer
Entity Name:	Melissa Vales, Agent for Longs Drug Stores California, L.L.C.
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

Affil Type Desc:	Operator
Entity Name:	Longs Drug Stores California, L.L.C.
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	(401) 765-1500

Affil Type Desc:	Property Owner
Entity Name:	L.B. Reddy Estate Company
Entity Title:	
Address:	2278 Shattuck Avenue
City:	Berkeley
State:	CA
Country:	United States
Zip Code:	94704
Phone:	(510) 549-1954

Affil Type Desc:	Environmental Contact
Entity Name:	Verisk 3E, Regulatory Services/CVS
Entity Title:	
Address:	3207 Grey Hawk Court, Suite 200
City:	Carlsbad
State:	CA
Country:	
Zip Code:	92010
Phone:	

Affil Type Desc:	Legal Owner
Entity Name:	Longs Drug Stores California, L.L.C.
Entity Title:	
Address:	One CVS Drive
City:	Woonsocket
State:	RI
Country:	United States
Zip Code:	02895
Phone:	(401) 765-1500

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Coordinates

Env Int Type Code:	HWG	***Longitude:***	-122.268250
Program ID:	10196833	***Coord Name:***	
Latitude:	37.867120	***Ref Point Type Desc:***	Center of a facility or station.

43	*1 of 6*	*NNE*	*0.10 / 520.68*	*188.94 / 6*	***GEORGE M.OLDENBOURG, DDS*** ***2140 SHATTUCK AVE STE 701*** ***CA***	***BERKELEY CUPA***

Facility ID: FA0000267

Additional Information

Program Element:	4400 - HAZ WASTE GENERATOR	***Postal Address:***	2140 SHATTUCK AVE., #701
Billing Status:	02 - INACTIVE, NON-BILLABLE	***Postal Address 2:***	
Owner:	GEORGE M.OLDENBOURG, DDS	***Postal State:***	CA
City:	BERKELEY	***Postal Zip:***	94704

43	*2 of 6*	*NNE*	*0.10 / 520.68*	*188.94 / 6*	***SPRINT NEXTEL CELL SITE*** ***CA0617*** ***2140 SHATTUCK AVE*** ***CA***	***BERKELEY CUPA***

Facility ID: FA0000672

Additional Information

Program Element:	4200 - HMBP	***Postal Address:***	6480 SPRINT PARKWAY, KSOPHM0516-5B872
Billing Status:	02 - INACTIVE, NON-BILLABLE	***Postal Address 2:***	
Owner:	SPRINT/ UNITED MANAGEMENT CO.	***Postal State:***	KS
City:	OVERLAND PARK	***Postal Zip:***	66251

43	*3 of 6*	*NNE*	*0.10 / 520.68*	*188.94 / 6*	***SIMARJIT SINGH, DDS. INC.*** ***2140 Shattuck AVE STE 701*** ***CA***	***BERKELEY CUPA***

Facility ID: FA0000939

Additional Information

Program Element:	4400 - HAZ WASTE GENERATOR	***Postal Address:***	2140 SHATTUCK AVE STE 701
Billing Status:	01 - ACTIVE, CUPA	***Postal Address 2:***	
Owner:	Simarjit Singh, DDS	***Postal State:***	CA
City:	BERKELEY	***Postal Zip:***	94704

43	*4 of 6*	*NNE*	*0.10 / 520.68*	*188.94 / 6*	***SIMARJIT SINGH, DDS. INC.*** ***2140 SHATTUCK AVE STE 701*** ***BERKELEY CA 94704***	***CERS HAZ***

Site ID:	419487
Latitude:	37.870450
Longitude:	-122.268740
County:	Alameda County

Regulated Programs

EI ID:	10602634	***EI Description:***	Hazardous Waste Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Evaluations

Eval Date: 07/18/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Routine unannounced Hazardous Waste only facility inspection. Dr. present for the inspection, haz waste manifest were available for review. Amalgam separator installed.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/11/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Met Dr. Singh on-site, Observed labeled 5 gallon container of waste fixer. Disposal receipts were maintained. Last waste removal was in October.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Parent Corporation
Entity Name: SIMARJIT SINGH, DDS. INC.
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Operator
Entity Name: Simarjit Singh, DDS
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 843-1192

Affil Type Desc: Environmental Contact
Entity Name: Simarjit Singh, DDS
Entity Title:
Address: 2140 SHATTUCK AVE STE 701
City: BERKELEY
State: CA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Country:
Zip Code: 94704
Phone:

Affil Type Desc: Legal Owner
Entity Name: Simarjit Singh, DDS
Entity Title:
Address: 2140 SHATTUCK AVE STE 701
City: BERKELEY
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 843-1192

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 2140 SHATTUCK AVE STE 701
City: BERKELEY
State: CA
Country:
Zip Code: 94704
Phone:

43	5 of 6	NNE	0.10 / 520.68	188.94 / 6	**BOLLIBOKKA SHATTUCK, LLC** **2140 SHATTUCK AVE** **BERKELEY CA 94704**	RCRA NON GEN

EPA Handler ID: CAC003039156
Gen Status Universe: No Report
Contact Name: LINDA CHEN
Contact Address: 2140 SHATTUCK AVE, , BERKELEY, CA, 94704,
Contact Phone No and Ext: 510-549-6320
Contact Email: LCHEN@PACIFICWEST.CC
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 20191017

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sequence No:	1
Receive Date:	20191017
Handler Name:	BOLLIBOKKA SHATTUCK, LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	2140 SHATTUCK AVE
Name:	LINDA CHEN	**Street 2:**	
Date Became Current:		**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-549-6320	**Country:**	
Source Type:	Implementer	**Zip Code:**	94704
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2140 SHATTUCK AVE
Name:	LEIGHTON HILLS	**Street 2:**	
Date Became Current:		**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-549-6320	**Country:**	
Source Type:	Implementer	**Zip Code:**	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
43	6 of 6	NNE	0.10 / 520.68	188.94 / 6	BOLLIBOKKA SHATTUCK, LLC 2140 SHATTUCK AVE BERKELEY CA 94704-1210	RCRA NON GEN

EPA Handler ID:	CAC003066151
Gen Status Universe:	No Report
Contact Name:	LINDA CHEN
Contact Address:	2140 SHATTUCK AVE, STE. 205, , BERKELEY, CA, 94704-1210,
Contact Phone No and Ext:	510-549-6320
Contact Email:	LCHEN@PACIFICWEST.CC
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	20200508

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20200508
Handler Name: BOLLIBOKKA SHATTUCK, LLC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: LINDA CHEN
Date Became Current:
Date Ended Current:
Phone: 510-549-6320
Source Type: Implementer
Street No:
Street 1: 2140 SHATTUCK AVE, STE. 205
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94704-1210

Owner/Operator Ind: Current Owner
Type: Other
Name: BOLLIBOKKA SHATTUCK, LLC
Date Became Current:
Date Ended Current:
Phone: 510-549-6320
Source Type: Implementer
Street No:
Street 1: 2140 SHATTUCK AVE.
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94704-1210

44	1 of 12	SE	0.10 / 538.35	187.68 / 5	**PACIFIC BELL** **2116 BANCROFT WY** **BERKELEY CA 94704**	LUST

Global ID: T0600101021
Status: COMPLETED - CASE CLOSED
Status Date: 6/25/1999
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download
County: ALAMEDA
Latitude: 37.8676853
Longitude: -122.2669311

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No: 01-1110
Local Case No: 01-1110
Begin Date: 12/24/1985
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency: BERKELEY, CITY OF
CUF Case: NO
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
DWR GW Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:
Site History:
Potential COC: Diesel
How Discovered: Tank Closure
Stop Method:
Stop Description:
Case Worker: UUU
File Location:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type: ENFORCEMENT
Date : 6/25/1999
Action: Closure/No Further Action Letter

Action Type: Other
Date : 12/24/1985
Action: Leak Stopped

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: Other
Date : 12/24/1985
Action: Leak Discovery

Action Type: Other
Date : 12/24/1985
Action: Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
City: BERKELEY
Organization Name: BERKELEY, CITY OF
Address: 2118 MILVIA STREET 3RD FLOOR
Email: gfiedler@ci.berkeley.ca.us
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Completed - Case Closed
Status Date: 6/25/1999

Status: Open - Case Begin Date
Status Date: 12/24/1985

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: PACIFIC BELL
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: DIESEL
Facility Type:
Composting Method:
Address: 2116 BANCROFT WY
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600101021
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 6/25/1999
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600101021&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN FRANCISCO BAY RWQCB (REGION 2) (LEAD) - CASE #: 01-1110
CASEWORKER: Regional Water Board
BERKELEY, CITY OF - CASE #: 01-1110
CASEWORKER: GEOFFERY FIEDLER
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Completed - Case Closed
Date : 6/25/1999

Status: Open - Case Begin Date
Date : 12/24/1985

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Other Regulatory Actions
Action Date: 6/25/1999
Received Issue Date: 6/25/1999
Action: Closure/No Further Action Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600101021&enforcement_id=6058273&temptable=ENFORCEMENT
Title Description Comments:

Case Closure Letter/Summary

Action Type: Leak Action
Action Date: 12/24/1985
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 12/24/1985
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 12/24/1985
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Document Type: Site Documents
Document Date: 6/25/1999
Type: CLOSURE/NO FURTHER ACTION LETTER
Title: CASE CLOSURE LETTER/SUMMARY
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600101021&enforcement_id=6058273
Size :
Submitted By: (REGULATOR)
Submitted:

44	***2 of 12***	***SE***	***0.10 / 538.35***	***187.68 / 5***	***PACIFIC BELL SAFETY 2116 BANCROFT WAY BERKELEY CA 94704***	***DELISTED TNK***

Delisted Storage Tanks

Facility ID: 252
Permitting Agency: BERKELEY, CITY OF
County: Alameda
Original Source: UST
Record Date: 30-JAN-2017
Latitude: 37.86765
Longitude: -122.26734

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	3 of 12	SE	0.10 / 538.35	187.68 / 5	PACIFIC BELL (Q2-002) 2116 BANCROFT WAY BERKELEY CA 94704	HHSS

County:
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000361f0.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	4 of 12	SE	0.10 / 538.35	187.68 / 5	SPRINT NEXTEL CELL SITE 2116 BANCROFT WAY CA	BERKELEY CUPA

Facility ID: FA0000665

Additional Information

Program Element: 4200 - HMBP
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: SPRINT/ UNITED MANAGEMENT CO.
City: OVERLAND PARK
Postal Address: 6480 SPRINT PARKWAY, KSOPHM0516-5B872
Postal Address 2:
Postal State: KS
Postal Zip: 66251

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	5 of 12	SE	0.10 / 538.35	187.68 / 5	T-MOBILE WEST CORPORATION 2116 BANCROFT WAY CA	BERKELEY CUPA

Facility ID: FA0000701

Additional Information

Program Element: 4200 - HMBP
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: T-MOBILE WEST CORPORATION
City: BELLEVUE
Postal Address: 1290 SE 38TH STREET
Postal Address 2:
Postal State: WA
Postal Zip: 98006

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	6 of 12	SE	0.10 / 538.35	187.68 / 5	AT&T CALIFORNIA - Q2002 2116 BANCROFT WAY CA	BERKELEY CUPA

Facility ID: FA0000730

Additional Information

Program Element: 4200 - HMBP
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: New Cingular Wireless PCS, LLC dba AT&T Mobility
City: Dallas
Postal Address: 308 S. Akard St., 17th Floor
Postal Address 2:
Postal State: TX
Postal Zip: 75202

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	7 of 12	SE	0.10 / 538.35	187.68 / 5	AT&T California - Q2002 2116 Bancroft Way CA	BERKELEY CUPA

Facility ID: FA0000173

Additional Information

Program Element: 4100 - UST FACILITY
Billing Status: 01 - ACTIVE, CUPA
Owner: Pacific Bell Telephone Company dba AT&T California
Postal Address: 308 S. Akard St., 17th Floor
Postal Address 2:
Postal State: TX

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City:	Dallas	**Postal Zip:**	75202
Program Element:	4200 - HMBP	**Postal Address:**	308 S. Akard St., 17th Floor
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	Pacific Bell Telephone Company dba AT&T California	**Postal State:**	TX
City:	Dallas	**Postal Zip:**	75202
Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	308 S. Akard St., 17th Floor
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	Pacific Bell Telephone Company dba AT&T California	**Postal State:**	TX
City:	Dallas	**Postal Zip:**	75202
Program Element:	SW02 - STORMWATER	**Postal Address:**	308 S. Akard St., 17th Floor
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	Pacific Bell Telephone Company dba AT&T California	**Postal State:**	TX
City:	Dallas	**Postal Zip:**	75202

44	8 of 12	SE	0.10 / 538.35	187.68 / 5	**AT&T California - Q2002** **2116 Bancroft Way** **Berkeley CA 94704**	UST

Facility ID:	219	**Latitude:**	37.86764
CERS ID:	10174531	**Longitude:**	-122.26715
County:	Alameda		
Permitting Agency:	Berkeley City Toxics Management Division		
Note:	Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search		
Site Facility Type:	PERMITTED UNDERGROUND STORAGE TANK (UST)		
Source:	Permitted Underground Storage Tank (UST) Data Download		

44	9 of 12	SE	0.10 / 538.35	187.68 / 5	**PACIFIC BELL** **2116 BANCROFT WAY** **BERKELEY CA 94704**	EMISSIONS

2002 Criteria Data

Facility ID:	13451	**CERR Code:**	
Facility SIC Code:	4813	**TOGT:**	.038
CO:	1	**ROGT:**	.0317946
Air Basin:	SF	**COT:**	.106
District:	BA	**NOXT:**	.485
COID:	ALA	**SOXT:**	.008
DISN:	BAY AREA AQMD	**PMT:**	.035
CHAPIS:		**PM10T:**	.03416

2002 Toxic Data

Facility ID:	13451	**COID:**	ALA
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2003 Criteria Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID:	13451	**CERR Code:**	
Facility SIC Code:	4813	**TOGT:**	.025
CO:	1	**ROGT:**	.02
Air Basin:	SF	**COT:**	.069
District:	BA	**NOXT:**	.317
COID:	ALA	**SOXT:**	.005
DISN:	BAY AREA AQMD	**PMT:**	.023
CHAPIS:		**PM10T:**	.02

2003 Toxic Data

Facility ID:	13451	**COID:**	ALA
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2004 Criteria Data

Facility ID:	13451	**CERR Code:**	
Facility SIC Code:	4813	**TOGT:**	.025
CO:	1	**ROGT:**	.0209175
Air Basin:	SF	**COT:**	.069
District:	BA	**NOXT:**	.317
COID:	ALA	**SOXT:**	.005
DISN:	BAY AREA AQMD	**PMT:**	.023
CHAPIS:		**PM10T:**	.022448

2004 Toxic Data

Facility ID:	13451	**COID:**	ALA
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2005 Criteria Data

Facility ID:	13451	**CERR Code:**	
Facility SIC Code:	4813	**TOGT:**	.025
CO:	1	**ROGT:**	.0209175
Air Basin:	SF	**COT:**	.069
District:	BA	**NOXT:**	.317
COID:	ALA	**SOXT:**	.005
DISN:	BAY AREA AQMD	**PMT:**	.023
CHAPIS:		**PM10T:**	.022448

2005 Toxic Data

Facility ID:	13451	**COID:**	ALA
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2006 Criteria Data

Facility ID:	13451	***CERR Code:***	
Facility SIC Code:	4813	***TOGT:***	.002
CO:	1	***ROGT:***	.0016734
Air Basin:	SF	***COT:***	.007
District:	BA	***NOXT:***	.031
COID:	ALA	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	.002
CHAPIS:		***PM10T:***	.001952

2006 Toxic Data

Facility ID:	13451	***COID:***	ALA
Facility SIC Code:	4813	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2007 Criteria Data

Facility ID:	13451	***CERR Code:***	
Facility SIC Code:	4813	***TOGT:***	.002
CO:	1	***ROGT:***	.0016734
Air Basin:	SF	***COT:***	.007
District:	BA	***NOXT:***	.031
COID:	ALA	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	.002
CHAPIS:		***PM10T:***	.001952

2007 Toxic Data

Facility ID:	13451	***COID:***	ALA
Facility SIC Code:	4813	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2008 Criteria Data

Facility ID:	13451	***CERR Code:***	
Facility SIC Code:	4813	***TOGT:***	.013
CO:	1	***ROGT:***	.0108771
Air Basin:	SF	***COT:***	.035
District:	BA	***NOXT:***	.16
COID:	ALA	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	.011
CHAPIS:		***PM10T:***	.010736

2008 Toxic Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID: 13451
Facility SIC Code: 4813
CO: 1
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2009 Criteria Data

Facility ID: 13451
Facility SIC Code: 4813
CO: 1
Air Basin: SF
District: BA
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .012
ROGT: .0100404
COT: .035
NOXT: .161
SOXT: 0
PMT: .01229508196721311475409836065573770491 8
PM10T: .012

2009 Toxic Data

Facility ID: 13451
Facility SIC Code: 4813
CO: 1
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2010 Toxic Data

Facility ID: 13451
Facility SIC Code: 4813
CO: 1
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2011 Criteria Data

Facility ID: 13451
Facility SIC Code: 4813
CO: 1
Air Basin: SF
District: BA
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .012
ROGT: .0100404
COT: .035
NOXT: .161
SOXT: 0
PMT: .01229508196721311475409836065573770491 8
PM10T: .012

2011 Toxic Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID:	13451	**COID:**	ALA
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	13451	**CERR Code:**	
Facility SIC Code:	4813	**TOGT:**	.008
CO:	1	**ROGT:**	.0066936
Air Basin:	SF	**COT:**	.024
District:	BA	**NOXT:**	.112
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.00819672131147540983606557377049180327 8689
CHAPIS:		**PM10T:**	.008

2012 Toxic Data

Facility ID:	13451	**COID:**	ALA
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	13451	**CERR Code:**	
Facility SIC Code:	4813	**TOGT:**	.008
CO:	1	**ROGT:**	.0066936
Air Basin:	SF	**COT:**	.024
District:	BA	**NOXT:**	.112
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.008
CHAPIS:		**PM10T:**	.008

2013 Toxic Data

Facility ID:	13451	**COID:**	ALA
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	13451	**CERR Code:**	
Facility SIC Code:	4813	**TOGT:**	.013713531
CO:	1	**ROGT:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Air Basin:	SF	**COT:**	.041411988
District:	BA	**NOXT:**	.190486385
COID:	ALA	**SOXT:**	.000088305
DISN:	BAY AREA AQMD	**PMT:**	.014180139
CHAPIS:		**PM10T:**	.013612934

2014 Toxic Data

Facility ID:	13451	**COID:**	ALA
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	13451	**CERR Code:**	
Facility SIC Code:	4813	**TOGT:**	.01371353
CO:	1	**ROGT:**	.01335135
Air Basin:	SF	**COT:**	.04141199
District:	BA	**NOXT:**	.1904864
COID:	ALA	**SOXT:**	.000088305
DISN:	BAY AREA AQMD	**PMT:**	.01418014
CHAPIS:		**PM10T:**	.01361293

2015 Toxic Data

Facility ID:	13451	**COID:**	ALA
Facility SIC Code:	4813	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Facility ID:	13451	**CERR CODE:**	
Facility SIC Code:	4813	**TOGT:**	.011690279
CO:	1	**ROGT:**	.0102699101015
Air Basin:	SF	**COT:**	.035302197
District:	BA	**NOXT:**	.162382639
COID:	ALA	**SOXT:**	.000075277
DISN:	BAY AREA AQMD	**PMT:**	.002319046
CHAPIS:		**PM10T:**	.002226284

2016 Toxic Data

Facility ID:	13451	**TS:**	
Facility SIC Code:	4813	**HRA:**	
CERR CODE:		**CH Index:**	
COID:	ALA	**AH Index:**	
CO:	1	**Air Basin:**	SF
DISN:	BAY AREA AQMD	**District:**	BA
CHAPIS:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2017 Criteria Data

Facility ID:	13451	***CERR Code:***	
Facility SIC Code:	4813	***TOGT:***	.011690279
CO:	1	***ROGT:***	.0102699101015
Air Basin:	SF	***COT:***	.035302197
District:	BA	***NOXT:***	.162382639
COID:	ALA	***SOXT:***	.000075277
DISN:	BAY AREA AQMD	***PMT:***	.002319046
CHAPIS:		***PM10T:***	.002226284

2017 Toxic Data

Facility ID:	13451	***COID:***	ALA
Facility SIC Code:	4813	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2018 Criteria Data

Facility ID:	13451	***CERR Code:***	
Facility SIC Code:	4813	***TOGT:***	.007368309
CO:	1	***ROGT:***	.0064730594565
Air Basin:	SF	***COT:***	.022250756
District:	BA	***NOXT:***	.102348768
COID:	ALA	***SOXT:***	.000047446
DISN:	BAY AREA AQMD	***PMT:***	.00146168
CHAPIS:		***PM10T:***	.001403213

2018 Toxic Data

Facility ID:	13451	***COID:***	ALA
Facility SIC Code:	4813	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	10 of 12	SE	0.10 / 538.35	187.68 / 5	PACIFIC BELL (Q2-002) 2116 BANCROFT WAY BERKELEY CA	HIST TANK

Owner Name:	PACIFIC BELL	***No of Containers:***	2
Owner Street:	370 THIRD STREET	***County:***	ALAMEDA
Owner City:	SAN FRANCISCO	***Facility State:***	CA
Owner State:	CA	***Facility Zip:***	94704
Owner Zip:	94107		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
44	11 of 12	SE	0.10 / 538.35	187.68 / 5	AT&T California - Q2002 2116 BANCROFT WAY BERKELEY CA 94704	CERS TANK

Site ID:	434129	***Latitude:***	37.867637
County:	Alameda County	***Longitude:***	-122.267145

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Regulated Programs

EI ID: 10174531
EI Description: Chemical Storage Facilities

EI ID: 10174531
EI Description: Underground Storage Tank

EI ID: 10174531
EI Description: Hazardous Waste Generator

Violations

Violation Date: 12/06/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2632(c)(2)(A)&(B) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632(c)(2)(A)&(B)
Violation Notes:

Returned to compliance on 12/06/2018. According to the contractor, the annular sensor did not activate an audible and visual alarm upon testing in liquid. Corrected at the time of the monitoring system certification as the service technician replaced the sensor with same and tested to confirm operational.

Violation Description:

Failure to continuously monitor the interstitial space of a double-walled tank with an audible and visual alarm system.

Violations

Violation Date: 12/06/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Notes:

Returned to compliance on 12/27/2018. The flapper valve was not tested by October 13, 2018. The inspection was completed October 15, 2018. The overfill prevention equipment inspection report from October 15, 2018 that was submitted in CERS did not include the inspection method used and documentation like the measurements used to determine the results, which is required to be attached to the report form. Corrective action: Within 30 days, please provide the additional information to TMD.

Violation Description:

Failure to comply with one or more of the following overfill prevention equipment requirements:
Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or
Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or
Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or
Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018.

For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter.

For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter.

Inspected within 30 days after a repair to the overfill prevention equipment.

Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Inspected by a certified UST service technician.

Maintain records of overfill prevention equipment inspection for 36 months.

Violations

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation Date: 01/09/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 6.7 25284, 25286 - California Code of Regulations, Title 23, Chapter 6.7, Section(s) 25284, 25286
Violation Notes:

Returned to compliance on 01/17/2017. The tank information for tank Q2002U001 indicates overfill protection includes audible/visual alarms and fill tube shut-off. Observed the flapper valve, but the site does not have an external audible visual alarm. Corrective action: Install an external audible visual alarm or remove this method from the tank information and resubmit in CERS.

Violation Description:

Failure to submit a complete and accurate application for a permit to operate a UST, or for renewal of the permit.

Evaluations

Eval Date: 01/21/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Facility generates episodic hazardous waste. Batteries are sent for reclamation. Used oil and antifreeze are generated from servicing and is taken by contractor.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/10/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 01/21/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

The Hazardous Materials Business Plan submitted through CERS 1/10/2016. Confirmed information in plan.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/06/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

Inspection started on 12/6/2018 with Jarrett Flewellyn with Tait Environmental. Confirmed certifications and licenses. Met with Gary Chimienti on 12/12/2018 to complete document review. Reviewed the monthly designated operator reports. Please ensure that the spill container test report form includes the inspection method used and documentation like the measurements used to determine the results, which is required to be attached to the report form.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/10/2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 12/10/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

Met with David Newton with AT&T and Jarret Flewellyn with Tait Environmental. Confirmed the service technicians' certifications and license. Received a copy of the system setup and alarm history. Reviewed the monthly DO inspection reports. The service technician confirmed the operation of all sensors and spill bucket. The facility has a 150 gallon day tank in the basement that is connected to a 8,000 gallon underground storage tank (UST). The 150 gallon day tank is regulated as a UST but meets the requirements of HSC 25281.6.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/09/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

Onsite for routine inspection at time of monitoring system certification. Met John Cascio with Tait Environmental and confirmed certifications for ICC, Veeder Root and CSLB. Received a copy of the system setup and alarm history. Reviewed monthly designated operator reports and training records. Confirmed operation of all sensors at tank and below grade. The UST system has a flapper valve and the system alarms at the panel on overfill.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/28/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

All sensors and systems appear to be functioning properly. Spill bucket passed. DO, DUSTOP, FR paperwork is current.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/02/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

Gary Chimienti left message regarding the monitoring system certification on 12/22/2017. Toxics Management Division (TMD) received written notification from contractor of the monitoring system certification on 1/2/2018. The contractor had sent the original notification to an incorrect email address on 12/6/2017. TMD requires written notification of required testing 48 hours in advance and the owner/operator and/or contractor must receive a written response from TMD. Met with Gary Chimienti, AT&T, and John Cascio with Tait Environmental. Received copy of system setup and alarm history. Reviewed DO reports, maintenance records and CERS submittal. Confirmed operation of sensors and spill bucket.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Eval Date: 01/09/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 01/09/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

One time and episodic generation of broken batteries, asbestos, and change out of antifreeze every 5-10 years. TMD to review need for registration as hazardous waste generator.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 02/13/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

DUSTOP, F.R., Forms and training current. Maint/alarm histories maintained. Annular, Sump, tank probe and piping secondary sensors all functional. Spill bucked passed leak test (Incon). All systems passed and observed to be operating properly. No Observed UST violations. Stormwater BMPs implemented, no observed potential non-stormwater discharges.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 01/21/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

Onsite for routine inspections. Met with Gary Chimienti, EH&S AT&T and Victor Guerrero with Tait. Confirmed ICC, Veeder Root, and Franklin Fueling certifications for tech. Received a copy of the system setup and alarm history. Confirmed completion of monthly designated operator reports and maintenance records. Confirmed operation of annular, piping sensors, overfill and spill bucket. UST documents submitted through CERS 12/10/15. Confirmed the information is consistent with the site.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 308 S. Akard St., 17th Floor
City: Dallas
State: TX
Country:
Zip Code: 75202
Phone:

Affil Type Desc: Legal Owner
Entity Name: Pacific Bell Telephone Company dba AT&T California
Entity Title:
Address: 308 S. Akard St., 17th Floor
City: Dallas

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

State:	TX
Country:	United States
Zip Code:	75202
Phone:	(214) 464-1712
Affil Type Desc:	UST Tank Owner
Entity Name:	Pacific Bell Telephone Company dba AT&T California
Entity Title:	
Address:	308 S. Akard St., 17th Floor
City:	Dallas
State:	TX
Country:	United States
Zip Code:	75202
Phone:	(800) 566-9347
Affil Type Desc:	UST Tank Operator
Entity Name:	Pacific Bell Telephone Company dba AT&T California
Entity Title:	
Address:	308 S. Akard St., 17th Floor
City:	Dallas
State:	TX
Country:	United States
Zip Code:	75202
Phone:	(800) 566-9347
Affil Type Desc:	Parent Corporation
Entity Name:	Pacific Bell Telephone Company dba AT&T California
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Identification Signer
Entity Name:	Jeremy McGrue
Entity Title:	National EPCRA Manager
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	UST Property Owner Name
Entity Name:	Pacific Bell Telephone Company dba AT&T California
Entity Title:	
Address:	308 S. Akard St., 17th Floor
City:	Dallas
State:	TX
Country:	United States
Zip Code:	75202
Phone:	(800) 566-9347
Affil Type Desc:	Environmental Contact
Entity Name:	AT&T EH&S Hotline - Option #1
Entity Title:	
Address:	308 S. Akard St., 17th Floor
City:	Dallas
State:	TX
Country:	
Zip Code:	75202
Phone:	
Affil Type Desc:	UST Permit Applicant
Entity Name:	Sarah Bullock
Entity Title:	Authorized AT&T Agent
Address:	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

City:
State:
Country:
Zip Code:
Phone: (800) 566-9347

Affil Type Desc: Operator
Entity Name: AT&T California
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (800) 566-9347

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Document Preparer
Entity Name: Peter Burnell, Sigma Consultants, Inc.
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Coordinates

Env Int Type Code: HMBP
Program ID: 10174531
Latitude: 37.867640
Longitude: -122.267150
Coord Name:
Ref Point Type Desc: Center of a facility or station.

44	12 of 12	SE	0.10 / 538.35	187.68 / 5	PACIFIC BELL 2116 BANCROFT WAY BERKELEY CA 94704	RCRA LQG

EPA Handler ID: CAD054391776
Gen Status Universe: Large Quantity Generator
Contact Name: ENVIRONMENTAL MANAGER
Contact Address: 2116 BANCROFT WAY, , BERKELEY, CA, 94704, US
Contact Phone No and Ext: 415-954-9836
Contact Email:
Contact Country: US
County Name: ALAMEDA
EPA Region: 09
Land Type: Other
Receive Date: 19810109

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19810109
Handler Name:	PACIFIC BELL
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19900409
Handler Name:	PACIFIC BELL
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Annual/Biennial Report

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	THE PACIFIC TEL & TEL COMPANY	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	ME
Phone:	415-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999

Historical Handler Details

Receive Dt:	19900409
Generator Code Description:	Large Quantity Generator
Handler Name:	PACIFIC BELL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
45	1 of 7	E	0.10 / 547.41	197.20 / 14	BERKELEY TOUCHLESS 2176 KITTREDGE STREET BERKELEY CA 94704	LUST

Global ID:	T10000004535	**County:**	ALAMEDA
Status:	OPEN - SITE ASSESSMENT	**Latitude:**	37.8685713595454
Status Date:	1/9/2013	**Longitude:**	-122.266454100609
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

RB Case No:	01-3632	**Potential COC:**	Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Local Case No:		**How Discovered:**	Facility Inspection, Site Assessment/Site Investigation, Tank Tightness Test
Begin Date:	8/8/1990	**Stop Method:**	Other Means, Repair Vent/Vapor Recovery Piping
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)	**Stop Description:**	vapor pipeline repaired, SIR within acceptable range
Local Agency:		**Case Worker:**	BAC
CUF Case:	YES	**File Location:**	Local Agency

Potential Media of Concern: Other Groundwater (uses other than drinking water), Soil, Under Investigation
How Discovered Description: Berkeley request for investigation, 1993
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
DWR GW Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community: Disadvantaged Community
Site History:

This case is an active commercial petroleum fueling facility. An unauthorized release was reported in August 1994 as a result of inventory reconciliation. USTs (four gasoline, one diesel) were tested and retrofitted and piping was removed and replaced in 1995. Historically, one of the gasoline USTs and one of the diesel USTs were formerly utilized for waste oil storage. Approximately 350 cubic yards of impacted soil and overburden were removed and disposed offsite in 1995. No groundwater monitoring wells have been installed at the Site. According to grab groundwater data collected from soil borings, water quality objectives for benzene and MTBE have not been achieved and the contaminant plume is undefined. The petroleum release is limited to the soil and shallow groundwater. According to data available in GeoTracker, there are no supply wells regulated by the California Department of Public Health within 1,000 feet of the Site. No other water supply wells have been identified within 1,000 feet of the Site in files reviewed. There is no identified surface water within 250 feet of the Site. The nearest surface water body, Strawberry Creek, is located approximately 700 feet north-northeast of the Site. Water is provided to water users near the Site by the East Bay Municipal Utilities District. The affected groundwater is not currently being used as a source of drinking water, and it is highly unlikely that the affected groundwater will be used as a source of drinking water in the foreseeable future.

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type: RESPONSE
Date : 2/26/2021
Action: CAP/RAP - Other Report

Action Type: ENFORCEMENT
Date : 9/7/2020
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date : 9/7/2020
Action: Fact Sheets - Public Participation

Action Type: ENFORCEMENT
Date : 8/31/2020
Action: Fact Sheets - Public Participation

Action Type: ENFORCEMENT
Date : 8/18/2020
Action: Fact Sheets - Public Participation

Action Type: RESPONSE
Date : 8/11/2020
Action: CAP/RAP - Final Remediation / Design Plan - Regulator Responded

Action Type: RESPONSE
Date : 7/10/2020
Action: CAP/RAP - Other Report

Action Type: ENFORCEMENT
Date : 6/19/2020
Action: Verbal Enforcement

Action Type: RESPONSE
Date : 4/30/2020
Action: Site Assessment Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: ENFORCEMENT
Date : 3/6/2020
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 2/7/2020
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 10/28/2019
Action: Staff Letter

Action Type: ENFORCEMENT
Date : 8/12/2019
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Action Type: ENFORCEMENT
Date : 5/30/2019
Action: Staff Letter

Action Type: RESPONSE
Date : 2/28/2019
Action: Soil and Water Investigation Report

Action Type: ENFORCEMENT
Date : 11/27/2018
Action: Staff Letter

Action Type: RESPONSE
Date : 10/8/2018
Action: Site Investigation Workplan - Regulator Responded

Action Type: ENFORCEMENT
Date : 9/28/2018
Action: Staff Letter

Action Type: RESPONSE
Date : 9/27/2018
Action: Soil and Water Investigation Workplan - Regulator Responded

Action Type: RESPONSE
Date : 7/31/2018
Action: Soil and Water Investigation Workplan - Regulator Responded

Action Type: ENFORCEMENT
Date : 6/13/2018
Action: 13267 Requirement

Action Type: ENFORCEMENT
Date : 5/18/2018
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date : 5/1/2018
Action: Email Correspondence

Action Type: ENFORCEMENT
Date : 2/28/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Action Type: ENFORCEMENT
Date : 6/12/2013
Action: Letter - Notice

Action Type: RESPONSE
Date : 12/28/2012
Action: Correspondence

Action Type: ENFORCEMENT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date : 10/18/2012
Action: Letter - Notice

Action Type: ENFORCEMENT
Date : 6/28/2012
Action: Clean Up Fund - Letter to RP

Action Type: RESPONSE
Date : 6/4/2008
Action: Preliminary Site Assessment Report

Action Type: RESPONSE
Date : 3/4/2008
Action: Correspondence

Action Type: RESPONSE
Date : 6/13/2007
Action: Correspondence

Action Type: RESPONSE
Date : 1/29/2007
Action: Correspondence

Action Type: RESPONSE
Date : 1/26/2007
Action: Soil and Water Investigation Workplan

Action Type: ENFORCEMENT
Date : 7/19/2001
Action: Staff Letter

Action Type: RESPONSE
Date : 2/23/1996
Action: Site Assessment Report

Action Type: Other
Date : 8/29/1994
Action: Leak Reported

Action Type: RESPONSE
Date : 8/29/1994
Action: Soil and Water Investigation Report

Action Type: Other
Date : 8/1/1994
Action: Leak Discovery

Action Type: Other
Date : 8/8/1990
Action: Leak Began

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type: Regional Board Caseworker
Contact Name: Bill A. Cook III
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email: bill.cook@waterboards.ca.gov
Phone No:

Contact Type: Regional Board Caseworker
Contact Name: MATTHEW COHEN
City: SACRAMENTO
Organization Name: SWRCB
Address: 1001 I Street
Email: matthew.cohen@waterboards.ca.gov
Phone No: 9163415751

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Open - Site Assessment
Status Date: 1/9/2013

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Open - Case Begin Date
Status Date: 8/8/1990

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: BERKELEY TOUCHLESS
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: OPEN - SITE ASSESSMENT
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig: C
CUF Amount Paid: $111,785
Potential COC: GASOLINE, WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
Facility Type:
Composting Method:
Address: 2176 KITTREDGE STREET
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim: 19150
File Location: LOCAL AGENCY
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000004535
Cleanup Status Detail: OPEN - SITE ASSESSMENT AS OF 1/9/2013
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000004535&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER), SOIL, UNDER INVESTIGATION
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN FRANCISCO BAY RWQCB (REGION 2) (LEAD) - CASE #: 01-3632
CASEWORKER: Bill A. Cook III
BERKELEY, CITY OF - CASE #: TTKitt2176
SWRCB
CASEWORKER: MATTHEW COHEN
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

This case is an active commercial petroleum fueling facility. An unauthorized release was reported in August 1994 as a result of inventory reconciliation. USTs (four gasoline, one diesel) were tested and retrofitted and piping was removed and replaced in 1995. Historically, one of the gasoline USTs and one of the diesel USTs were formerly utilized for waste oil storage. Approximately 350 cubic yards of impacted soil and overburden were removed and disposed offsite in 1995. No groundwater monitoring wells have been installed at the Site. According to grab groundwater data collected from soil borings, water quality objectives for benzene and MTBE have not been achieved and the contaminant plume is undefined.

The petroleum release is limited to the soil and shallow groundwater. According to data available in GeoTracker, there are no supply wells regulated by the California Department of Public Health within 1,000 feet of the Site. No other water supply wells have been identified within 1,000 feet of the Site in files reviewed. There is no identified surface water within 250 feet of the Site. The nearest surface water body, Strawberry Creek, is located approximately 700 feet north-northeast of the Site. Water is provided to water users near the Site by the East Bay Municipal Utilities District. The affected groundwater is not currently being used as a source of drinking water, and it is highly unlikely that the affected groundwater will be used as a source of drinking water in the foreseeable
future.

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Open - Site Assessment
Date : 1/9/2013

Status: Open - Case Begin Date
Date : 8/8/1990

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Notices
Action Date: 9/7/2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Received Issue Date: 9/7/2020
Action: Fact Sheets - Public Participation
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6447776&temptable=ENFORCEMENT
Title Description Comments:

01-3632 public comment 9-7-2020 Commenter was informed that tap water was supplied from the East Bay Municipal Utilities District through pressurized lines that were unlikely to be contaminated by groundwater from the Source Property.

Action Type: Notices
Action Date: 8/31/2020
Received Issue Date: 8/31/2020
Action: Fact Sheets - Public Participation
Doc Link:
Title Description Comments:

public comment call Steven Schuyler, , expressed concern about vapor and water during tank pull

Action Type: Notices
Action Date: 8/31/2020
Received Issue Date: 8/31/2020
Action: Fact Sheets - Public Participation
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6447775&temptable=ENFORCEMENT
Title Description Comments:

01-3632 public comment 8-31-2020

Action Type: Notices
Action Date: 8/18/2020
Received Issue Date: 8/18/2020
Action: Fact Sheets - Public Participation
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6446827&temptable=ENFORCEMENT
Title Description Comments:

30-day public comment period notice begins

Action Type: Notices
Action Date: 8/18/2020
Received Issue Date: 8/18/2020
Action: Fact Sheets - Public Participation
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6445376&temptable=ENFORCEMENT
Title Description Comments:

01-3632 Fact Sheet CAP 08-18-2020

Action Type: Response Requested - Workplans
Action Date: 8/11/2020
Received Issue Date: 8/11/2020
Action: CAP/RAP - Final Remediation / Design Plan - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=6029709
Title Description Comments:

Corrective Action Plan - Corrective Action Plan is approved. Formal approval letter will be finalized during the week of October 5, 2020.

Action Type: Enforcement/Orders
Action Date: 6/19/2020
Received Issue Date: 6/19/2020
Action: Verbal Enforcement
Doc Link:
Title Description Comments:

called for update of status of late report. Ridell indicates that report will be uploaded to Geo Tracker next week.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: Response Requested - Reports
Action Date: 4/30/2020
Received Issue Date: 6/30/2020
Action: Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=6017124
Title Description Comments:

source investigation report

Action Type: Other Regulatory Actions
Action Date: 3/6/2020
Received Issue Date: 3/6/2020
Action: Staff Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6429682&temptable=ENFORCEMENT
Title Description Comments:

Berkeley Touchless_Request for Agency Direction_TIME SENSITIVE3-6-20 email approval to install an additional groundwater monitoring well during this phase of the investigation

Action Type: Other Regulatory Actions
Action Date: 2/7/2020
Received Issue Date: 2/7/2020
Action: Staff Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6426750&temptable=ENFORCEMENT
Title Description Comments:

01-3632 Approval of Berkeley Touchless Site investigation Report, Sensitive Receptor Survey, Conceptual Site Model, and Assessment Work Plan, dated November 19, 2019.pdf

Action Type: Other Regulatory Actions
Action Date: 10/28/2019
Received Issue Date: 10/28/2019
Action: Staff Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6418707&temptable=ENFORCEMENT
Title Description Comments:

01-3632 Approval of Berkeley Touchless Site investigation Work Plan Addendum dated March 18, 2019_Update 10-28-19

Action Type: Other Regulatory Actions
Action Date: 8/12/2019
Received Issue Date: 8/12/2019
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6412773&temptable=ENFORCEMENT
Title Description Comments:

19150 2nd RSR Rationale Addl Work August 2019

Action Type: Other Regulatory Actions
Action Date: 5/30/2019
Received Issue Date: 5/30/2019
Action: Staff Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6403665&temptable=ENFORCEMENT
Title Description Comments:

01-3632 Approval of Berkeley Touchless Site investigation Work Plan Addendum

Action Type: Response Requested - Reports
Action Date: 2/28/2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Received Issue Date: 11/19/2019
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=5980020
Title Description Comments:

completion report for work plan approved November 27, 2018

Action Type: Other Regulatory Actions
Action Date: 11/27/2018
Received Issue Date: 11/27/2018
Action: Staff Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6377244&temptable=ENFORCEMENT
Title Description Comments:

01-3632 (Berkeley Touchless) - approve RI workplan 11-27-18

Action Type: Response Requested - Workplans
Action Date: 10/8/2018
Received Issue Date: 10/8/2018
Action: Site Investigation Workplan - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=5979145
Title Description Comments:

Site Investigation Workplan - Preliminary review indicates that we concur with the Workplan approach. R2 staff will issue an email by 12/7 with a more thorough review.

Action Type: Other Regulatory Actions
Action Date: 9/28/2018
Received Issue Date: 9/28/2018
Action: Staff Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6370981&temptable=ENFORCEMENT
Title Description Comments:

email explaining the reasons why the work plan was rejected Rejected work plan because the proposed analyses did not include PAHs and metals at a site with a waste oil tank.

Action Type: Response Requested - Workplans
Action Date: 9/27/2018
Received Issue Date: 9/27/2018
Action: Soil and Water Investigation Workplan - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=5976317
Title Description Comments:

Site Investigation Workplan - R2 staff communicated that this version of the Workplan did not waste oil tank constituents.

Action Type: Response Requested - Workplans
Action Date: 7/31/2018
Received Issue Date: 8/3/2018
Action: Soil and Water Investigation Workplan - Regulator Responded
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=5967096
Title Description Comments:

soil, soil vapor, and groundwater investigation work plan including a sensitive receptor survey and site conceptual model - The work plan was rejected because the consultant did not write that chlorinated volatile organic compounds would be included in the 8260B analyte list and because analysis for polyaromatic hydrocarbons using 8270 SIM was not included at all. This analysis was required in the 13267 directive letter, and recommended in the California LUFT Manual Table 16-1. This comment will be followed by a formal rejection letter by October 31, 2018. A revised work plan should be submitted, R2 staff received the updated workplan following our rejection earlier this week. We will inform the Discharger of the results of our review.

Action Type: Enforcement/Orders
Action Date: 6/13/2018
Received Issue Date: 6/13/2018
Action: 13267 Requirement
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

global_id=T10000004535&enforcement_id=6360913&temptable=ENFORCEMENT

Title Description Comments:

01-3632 (Berkeley Touchless) - require RI workplan 6-13-18 The work plan is required to meet current regulatory standards in the LUFT Manual and be comprehensive. The USTs contained gasoline, diesel, and waste oil. Redevelopment is planned in the next couple of years and could include residential units.

Action Type: Other Regulatory Actions
Action Date: 5/18/2018
Received Issue Date: 5/18/2018
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6358603&temptable=ENFORCEMENT
Title Description Comments:

01-3632 2176 Kittredge development plans This is a follow up to a phone conversation. We discussed the potential requirements to be included in a work plan. We plan to prepare a letter requiring a work plan in June.

Action Type: Other Regulatory Actions
Action Date: 5/1/2018
Received Issue Date: 5/1/2018
Action: Email Correspondence
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6356668&temptable=ENFORCEMENT
Title Description Comments:

initial contact with the consultant to resume investigation Bob Clark stated that the owner would like to redevelop the site. Therefore they would like to resume investigation activities. Their goal is to begin construction in two years. They would like the Water Board to issue a directive letter for a comprehensive investigation.

Action Type: Other Regulatory Actions
Action Date: 2/28/2014
Received Issue Date: 2/28/2014
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6395088&temptable=ENFORCEMENT
Title Description Comments:

Review Summary Report - First Review

Action Type: Notices
Action Date: 6/12/2013
Received Issue Date: 6/12/2013
Action: Letter - Notice
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6163901&temptable=ENFORCEMENT
Title Description Comments:

Notice of Case Transfer

Action Type: Response Requested - Other
Action Date: 12/28/2012
Received Issue Date: 12/28/2012
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=5760180
Title Description Comments:

email re: directives for case history related to USTCF application

Action Type: Notices
Action Date: 10/18/2012
Received Issue Date: 10/18/2012
Action: Letter - Notice
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6179983&temptable=ENFORCEMENT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title Description Comments:

UST CUF Notice of Intent to Suspend Claim from Priority List

Action Type: Other Regulatory Actions
Action Date: 6/28/2012
Received Issue Date: 6/28/2012
Action: Clean Up Fund - Letter to RP
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6179984&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Response Requested - Reports
Action Date: 6/4/2008
Received Issue Date: 6/4/2008
Action: Preliminary Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=5760162
Title Description Comments:

Site Investigation Report

Action Type: Response Requested - Other
Action Date: 3/4/2008
Received Issue Date: 3/4/2008
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=5760179
Title Description Comments:

Transmittal, additional fee submittal

Action Type: Response Requested - Other
Action Date: 6/13/2007
Received Issue Date: 6/13/2007
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=5760178
Title Description Comments:

Cleanup Fund Application Status

Action Type: Response Requested - Other
Action Date: 1/29/2007
Received Issue Date: 1/29/2007
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=5760173
Title Description Comments:

Letter request to remove condition of violation

Action Type: Response Requested - Workplans
Action Date: 1/26/2007
Received Issue Date: 1/26/2007
Action: Soil and Water Investigation Workplan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=5786764
Title Description Comments:

Workplan for Additional Assessment

Action Type: Other Regulatory Actions
Action Date: 7/19/2001
Received Issue Date: 7/19/2001
Action: Staff Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6179986&temptable=ENFORCEMENT
Title Description Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Notice of Obligation to Report Groundwater Monitoring Data in Electronic Format

Action Type: Response Requested - Reports
Action Date: 2/23/1996
Received Issue Date: 2/23/1996
Action: Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=5760154
Title Description Comments:

Piping Product Replacement and Soil Sampling Report

Action Type: Response Requested - Reports
Action Date: 8/29/1994
Received Issue Date: 8/29/1994
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000004535&doc_id=5760152
Title Description Comments:

Report of Limited Subsurface Investigation

Action Type: Response Requested - Reports
Action Date: 7/10/2020
Received Issue Date:
Action: CAP/RAP - Other Report
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 8/29/1994
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 8/1/1994
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 8/8/1990
Received Issue Date:
Action: Leak Began
Doc Link:
Title Description Comments:

Action Type: Enforcement - Other
Action Date:
Received Issue Date:
Action: Unknown
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6146664&temptable=ENFORCEMENT
Title Description Comments:

Action Type: Enforcement - Other
Action Date:
Received Issue Date:
Action: Unknown
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6146669&temptable=ENFORCEMENT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title Description Comments:

Action Type: Enforcement - Other
Action Date:
Received Issue Date:
Action: Unknown
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6146673&temptable=ENFORCEMENT
Title Description Comments:

LUST Sites from GeoTracker Search - Site Maps (as of Oct 06, 2020)

Title: SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (GW-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3774328410/T10000004535.PDF
Size : 115 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted: 11/21/2019

Title: SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (MW-4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3431398868/T10000004535.PDF
Size : 95 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted: 11/21/2019

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/1544165492/T10000004535.PDF
Size : 297 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted: 11/21/2019

Title: SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (MW-3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7086824893/T10000004535.PDF
Size : 241 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted: 11/21/2019

Title: SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (SB-7)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4352071940/T10000004535.PDF
Size : 185 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted: 11/21/2019

Title: SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (MW-2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1469952523/T10000004535.PDF
Size : 99 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted: 11/21/2019

Title: SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (MW-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/8179962396/T10000004535.PDF
Size : 106 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted: 11/21/2019

Title: SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (SB-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5760188221/T10000004535.PDF
Size : 115 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted: 11/21/2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title:	SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (SG-3)
Link:	https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2023638248/T10000004535.PDF
Size :	99 KB
Submitted By:	BOB CLARK-RIDDELL (AUTH_RP)
Submitted:	11/21/2019
Title:	SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (GW-1)
Link:	https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6493288516/T10000004535.PDF
Size :	149 KB
Submitted By:	BOB CLARK-RIDDELL (AUTH_RP)
Submitted:	11/21/2019
Title:	SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (GW-3)
Link:	https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9109322607/T10000004535.PDF
Size :	149 KB
Submitted By:	BOB CLARK-RIDDELL (AUTH_RP)
Submitted:	11/21/2019
Title:	SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (GW-6)
Link:	https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3963437020/T10000004535.PDF
Size :	160 KB
Submitted By:	BOB CLARK-RIDDELL (AUTH_RP)
Submitted:	11/21/2019
Title:	SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (SG-2)
Link:	https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4378713786/T10000004535.PDF
Size :	98 KB
Submitted By:	BOB CLARK-RIDDELL (AUTH_RP)
Submitted:	11/21/2019
Title:	SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (GW-7)
Link:	https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6094210147/T10000004535.PDF
Size :	138 KB
Submitted By:	BOB CLARK-RIDDELL (AUTH_RP)
Submitted:	11/21/2019
Title:	SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (SB-8)
Link:	https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/4124441981/T10000004535.PDF
Size :	678 KB
Submitted By:	BOB CLARK-RIDDELL (AUTH_RP)
Submitted:	11/21/2019
Title:	SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (SB-4)
Link:	https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2710277855/T10000004535.PDF
Size :	142 KB
Submitted By:	BOB CLARK-RIDDELL (AUTH_RP)
Submitted:	11/21/2019
Title:	SITE INVESTIGATION REPORT - 2008 (SB-3)
Link:	https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9688576757/T10000004535.PDF
Size :	182 KB
Submitted By:	BOB CLARK-RIDDELL (AUTH_RP)
Submitted:	11/21/2019
Title:	SITE INVESTIGATION REPORT - 2008 (SB-2)
Link:	https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1102652430/T10000004535.PDF
Size :	176 KB
Submitted By:	BOB CLARK-RIDDELL (AUTH_RP)
Submitted:	11/21/2019
Title:	SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ASSESSMENT WORKPLAN (GW-5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9272360682/T10000004535.PDF
Size : 99 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted: 11/21/2019

Title: SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (SG-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/3062689006/T10000004535.PDF
Size : 90 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted: 11/21/2019

Title: SITE INVESTIGATION REPORT - 2008 (SB-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1079278051/T10000004535.PDF
Size : 184 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted: 11/21/2019

Title: SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (MW-1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/5750063419/T10000004535.PDF
Size : 213 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted: 11/21/2019

Title: SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN (SB-6)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7954876244/T10000004535.PDF
Size : 147 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted: 11/21/2019

LUST Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Document Type: Site Documents
Document Date: 9/18/2020
Type: CORRESPONDENCE
Title: NO PUBLIC COMMENT EMAIL
Title Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3563940227/T10000004535.PDF
Size : 182 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted:

Document Type: Site Documents
Document Date: 9/7/2020
Type: FACT SHEETS - PUBLIC PARTICIPATION
Title: 01-3632 PUBLIC COMMENT 9-7-2020
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6447776
Size :
Submitted By: BILL A. COOK III (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 8/31/2020
Type: FACT SHEETS - PUBLIC PARTICIPATION
Title: 01-3632 PUBLIC COMMENT 8-31-2020
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6447775
Size :
Submitted By: BILL A. COOK III (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 8/18/2020
Type: FACT SHEETS - PUBLIC PARTICIPATION
Title: 01-3632 FACT SHEET CAP 08-18-2020
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6445376
Size :
Submitted By: BILL A. COOK III (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 8/18/2020
Type: FACT SHEETS - PUBLIC PARTICIPATION
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6446827
Size :
Submitted By: BILL A. COOK III (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 8/7/2020
Type: CAP/RAP - FINAL REMEDIATION / DESIGN
Size : 7,901 KB
Submitted By: BOB CLARK-RIDDELL (AUTH_RP)
Submitted:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

PLAN
Title: CORRECTIVE ACTION PLAN
Title Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9207592308/T10000004535.PDF

Document Type: Site Documents **Size :** 22,509 KB
Document Date: 6/30/2020 **Submitted By:** BOB CLARK-RIDDELL (AUTH_RP)
Type: SITE ASSESSMENT REPORT **Submitted:**
Title: ADDITIONAL SITE ASSESSMENT REPORT, FEASIBILITY STUDY, AND PILOT STUDY
Title Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9802147924/T10000004535.PDF

Document Type: Monitoring Reports **Size :** 7,385 KB
Document Date: 6/29/2020 **Submitted By:** BOB CLARK-RIDDELL (AUTH_RP)
Type: MONITORING REPORT - SEMI-ANNUALLY **Submitted:**
Title: GROUNDWATER MONITORING REPORT - FIRST HALF 2020
Title Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8711290836/T10000004535.PDF

Document Type: Site Documents **Size :**
Document Date: 3/6/2020 **Submitted By:** BILL A. COOK III (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: BERKELEY TOUCHLESS_REQUEST FOR AGENCY DIRECTION_TIME SENSITIVE3-6-20
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6429682

Document Type: Site Documents **Size :**
Document Date: 2/7/2020 **Submitted By:** BILL A. COOK III (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: 01-3632 APPROVAL OF BERKELEY TOUCHLESS SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORK PLAN, DATED NOVEMBER 19, 2019.PDF
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6426750

Document Type: Site Documents **Size :** 46,773 KB
Document Date: 11/19/2019 **Submitted By:** BOB CLARK-RIDDELL (AUTH_RP)
Type: SITE INVESTIGATION **Submitted:**
Title: SITE INVESTIGATION REPORT, SENSITIVE RECEPTOR SURVEY, CONCEPTUAL SITE MODEL, AND ASSESSMENT WORKPLAN
Title Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/6850088298/T10000004535.PDF

Document Type: Site Documents **Size :**
Document Date: 10/28/2019 **Submitted By:** BILL A. COOK III (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: 01-3632 APPROVAL OF BERKELEY TOUCHLESS SITE INVESTIGATION WORK PLAN ADDENDUM DATED MARCH 18, 2019_UPDATE 10-28-19
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6418707

Document Type: Site Documents **Size :**
Document Date: 8/12/2019 **Submitted By:** KHRSTINARAE LEYBA (REGULATOR)
Type: CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR) **Submitted:**
Title: 19150 2ND RSR RATIONALE ADDL WORK AUGUST 2019
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6412773

Document Type: Site Documents **Size :** 795 KB
Document Date: 6/12/2019 **Submitted By:** BOB CLARK-RIDDELL (AUTH_RP)
Type: CORRESPONDENCE **Submitted:**
Title: EMAIL OF RWQCB VERBAL APPROVAL OF MW-5
Title Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8113165736/T10000004535.PDF

Document Type: Site Documents **Size :**
Document Date: 5/30/2019 **Submitted By:** BILL A. COOK III (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: 01-3632 APPROVAL OF BERKELEY TOUCHLESS SITE INVESTIGATION WORK PLAN ADDENDUM
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6403665

Document Type: Site Documents **Size :** 896 KB
Document Date: 3/18/2019 **Submitted By:** BOB CLARK-RIDDELL (AUTH_RP)
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Title: SITE INVESTIGATION WORKPLAN ADDENDUM
Title Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5125790536/T10000004535.PDF

Document Type: Site Documents **Size :**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Date: 11/27/2018 **Submitted By:** BILL A. COOK III (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: 01-3632 (BERKELEY TOUCHLESS) - APPROVE RI WORKPLAN 11-27-18
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6377244

Document Type: Site Documents **Size :** 893 KB
Document Date: 10/8/2018 **Submitted By:** BOB CLARK-RIDDELL (AUTH_RP)
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Title: SITE INVESTIGATION WORKPLAN
Title Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7980844318/T10000004535.PDF

Document Type: Site Documents **Size :**
Document Date: 9/28/2018 **Submitted By:** BILL A. COOK III (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: EMAIL EXPLAINING THE REASONS WHY THE WORK PLAN WAS REJECTED
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6370981

Document Type: Site Documents **Size :** 756 KB
Document Date: 9/26/2018 **Submitted By:** BOB CLARK-RIDDELL (AUTH_RP)
Type: SOIL AND WATER INVESTIGATION WORKPLAN **Submitted:**
Title: SITE INVESTIGATION WORKPLAN
Title Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8779953241/T10000004535.PDF

Document Type: Site Documents **Size :** 662 KB
Document Date: 8/3/2018 **Submitted By:** BOB CLARK-RIDDELL (AUTH_RP)
Type: SITE INVESTIGATION WORKPLAN **Submitted:**
Title: SITE INVESTIGATION WORKPLAN
Title Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/1643866419/T10000004535.PDF

Document Type: Site Documents **Size :**
Document Date: 6/13/2018 **Submitted By:** BILL A. COOK III (REGULATOR)
Type: 13267 REQUIREMENT **Submitted:**
Title: 01-3632 (BERKELEY TOUCHLESS) - REQUIRE RI WORKPLAN 6-13-18
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6360913

Document Type: Site Documents **Size :**
Document Date: 5/18/2018 **Submitted By:** BILL A. COOK III (REGULATOR)
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER **Submitted:**
Title: 01-3632 2176 KITTREDGE DEVELOPMENT PLANS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6358603

Document Type: Site Documents **Size :**
Document Date: 5/1/2018 **Submitted By:** BILL A. COOK III (REGULATOR)
Type: EMAIL CORRESPONDENCE **Submitted:**
Title: INITIAL CONTACT WITH THE CONSULTANT TO RESUME INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6356668

Document Type: Site Documents **Size :**
Document Date: 2/28/2014 **Submitted By:** ROGER HOFFMORE (REGULATOR)
Type: CLEAN UP FUND - CASE CLOSURE REVIEW SUMMARY REPORT (RSR) **Submitted:**
Title: REVIEW SUMMARY REPORT - FIRST REVIEW
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6395088

Document Type: Site Documents **Size :**
Document Date: 6/12/2013 **Submitted By:** (REGULATOR)
Type: LETTER - NOTICE **Submitted:**
Title: NOTICE OF CASE TRANSFER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6163901

Document Type: Site Documents **Size :**
Document Date: 12/28/2012 **Submitted By:** (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: EMAIL RE: DIRECTIVES FOR CASE HISTORY RELATED TO USTCF APPLICATION - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&document_id=5760180

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Site Documents **Size :**
Document Date: 10/18/2012 **Submitted By:** MICHAEL HARRIS (REGULATOR)
Type: LETTER - NOTICE **Submitted:**
Title: UST CUF NOTICE OF INTENT TO SUSPEND CLAIM FROM PRIORITY LIST
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6179983

Document Type: Site Documents **Size :**
Document Date: 6/28/2012 **Submitted By:** MICHAEL HARRIS (REGULATOR)
Type: CLEAN UP FUND - LETTER TO RP **Submitted:**
Title: UNKNOWN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6179984

Document Type: Site Documents **Size :**
Document Date: 6/4/2008 **Submitted By:** (REGULATOR)
Type: PRELIMINARY SITE ASSESSMENT REPORT **Submitted:**
Title: SITE INVESTIGATION REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&document_id=5760162

Document Type: Site Documents **Size :**
Document Date: 3/4/2008 **Submitted By:** (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: TRANSMITTAL, ADDITIONAL FEE SUBMITTAL - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&document_id=5760179

Document Type: Site Documents **Size :**
Document Date: 6/13/2007 **Submitted By:** (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: CLEANUP FUND APPLICATION STATUS - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&document_id=5760178

Document Type: Site Documents **Size :**
Document Date: 1/29/2007 **Submitted By:** (REGULATOR)
Type: CORRESPONDENCE **Submitted:**
Title: LETTER REQUEST TO REMOVE CONDITION OF VIOLATION - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&document_id=5760173

Document Type: Site Documents **Size :**
Document Date: 1/26/2007 **Submitted By:** MICHAEL HARRIS (REGULATOR)
Type: SOIL AND WATER INVESTIGATION WORKPLAN **Submitted:**
Title: WORKPLAN FOR ADDITIONAL ASSESSMENT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&document_id=5786764

Document Type: Site Documents **Size :**
Document Date: 7/19/2001 **Submitted By:** MICHAEL HARRIS (REGULATOR)
Type: STAFF LETTER **Submitted:**
Title: NOTICE OF OBLIGATION TO REPORT GROUNDWATER MONITORING DATA IN ELECTRONIC FORMAT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&enforcement_id=6179986

Document Type: Site Documents **Size :**
Document Date: 2/23/1996 **Submitted By:** (REGULATOR)
Type: SITE ASSESSMENT REPORT **Submitted:**
Title: PIPING PRODUCT REPLACEMENT AND SOIL SAMPLING REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&document_id=5760154

Document Type: Site Documents **Size :**
Document Date: 8/29/1994 **Submitted By:** (REGULATOR)
Type: SOIL AND WATER INVESTIGATION REPORT **Submitted:**
Title: REPORT OF LIMITED SUBSURFACE INVESTIGATION - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000004535&document_id=5760152

45	2 of 7	E	0.10 / 547.41	197.20 / 14	AUTOMOTIVE CITY 2176 KITTREDGE ST BERKELEY CA 94704	HHSS

County:
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035d1a.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
45	3 of 7	E	0.10 / 547.41	197.20 / 14	BERKELEY TOUCHLESS CARWASH 2176 Kittredge ST CA	BERKELEY CUPA

Facility ID: FA0000050

Additional Information

Program Element:	4200 - HMBP	**Postal Address:**	2176 KITTREDGE ST
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	Mike shIMEK	**Postal State:**	CA
City:	BERKELEY	**Postal Zip:**	94704
Program Element:	4100 - UST FACILITY	**Postal Address:**	2176 KITTREDGE ST
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	Mike shIMEK	**Postal State:**	CA
City:	BERKELEY	**Postal Zip:**	94704
Program Element:	SW02 - STORMWATER	**Postal Address:**	2176 KITTREDGE ST
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	Mike shIMEK	**Postal State:**	CA
City:	BERKELEY	**Postal Zip:**	94704
Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	2176 KITTREDGE ST
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	Mike shIMEK	**Postal State:**	CA
City:	BERKELEY	**Postal Zip:**	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
45	4 of 7	E	0.10 / 547.41	197.20 / 14	BERKELEY TOUCHLESS CARWASH 2176 KITTREDGE ST BERKELEY CA 94704	CERS TANK

Site ID:	11847	**Latitude:**	37.868305
County:	Alameda County	**Longitude:**	-122.266510

Regulated Programs

EI ID: 10195924
EI Description: Underground Storage Tank

EI ID: 10195924
EI Description: Chemical Storage Facilities

Violations

Violation Date:	08/03/2018	**Violation Source:**	CERS
Violation Program:	HMRRP	**Violation Division:**	Berkeley City Toxics Management Division

Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 02/28/2020. needs to add federal hazard categories

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation Date: 08/05/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.7 25292(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292(a)
Violation Notes:

Returned to compliance on 03/07/2020. Tanks T1 - Diesel, T4-91, and T5-87 have been empty for several months. These tanks need to be placed in temporary closure or must be monitored and tested appropriately. Please either have them tested or submit a closure application for these USTs through CERS.

Violation Description:

Failure to outfit the single-walled UST system with a monitoring system capable of detecting a leak.

Violations

Violation Date: 08/05/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Notes:

Returned to compliance on 06/02/2020. Overfill for 87 T3 and 91 T2 could not be removed. These were supposed to be inspected and confirmed operational by 10/1/18. Tanks were drained and fills re locked for closure on June 2, 2020. ML

Violation Description:

Failure to comply with one or more of the following overfill prevention equipment requirements:
Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or
Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or
Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or
Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018.

For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter.

For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter.

Inspected within 30 days after a repair to the overfill prevention equipment.

Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Inspected by a certified UST service technician.

Maintain records of overfill prevention equipment inspection for 36 months.

Violations

Violation Date: 08/05/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2638(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(d)
Violation Notes:

Returned to compliance on 11/15/2019. Monitoring system cert was finally forwarded to TMD in November despite many attempts.

Violation Description:

Failure to submit the "Monitoring System Certification Form" to the UPA within 30 days of completion of the test.

Violations

Violation Date: 08/03/2017 ***Violation Source:*** CERS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple
Violation Notes:

Returned to compliance on 08/29/2018. upload current financial responsibility information to CERS,

Violation Description:

UST Program - Administration/Documentation - General - Must include violation description, proper statute and regulation citation in the "comment" section.

Violations

Violation Date: 08/04/2016 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Notes:

Returned to compliance on 11/07/2016.

Violation Description:

Failure to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system by a designated operator (DO).

Violations

Violation Date: 08/05/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2716(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(f)
Violation Notes:

Returned to compliance on 11/21/2019. The full 12 months of reports were not made available.

Violation Description:

"Failure to maintain on-site, or off-site at a readily available location if approved by the UPA, copies of Designated Operator inspection records as follows:

Designated operator monthly inspection records for inspections performed before October 1, 2018 must be kept for 12 months from the month of inspection.

For inspections performed on or after October 1, 2018, copies of the ""Designated Underground Storage Tank Operator Visual Inspection Report"" must be kept for 36 months from the month of inspection.
"

Violations

Violation Date: 08/03/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2663 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2663
Violation Notes:

Returned to compliance on 01/17/2019. uncorrected violation

Violation Description:

Failure to complete one or more of the requirements of tank lining, including but not limited to: submit proper written tank lining certification to the UPA within 30 days of completion of the inspection, perform tank integrity test and/or vacuum test following lining, employ proper coatings expert and/or special inspector.

Violations

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation Date: 08/04/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2715(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(f)
Violation Notes:

Returned to compliance on 10/13/2015.

Violation Description:

Failure to comply with one or more of the following: provide training to facility employee(s) responsible for proper operation and maintenance every 12 months

and/or

train new employee(s) who are responsible for proper operation and maintenance within 30-days of hire

and/or

to have at least one employee present during operating hours that has been trained in the proper operation and maintenance of the UST system.

Violations

Violation Date: 08/03/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.7 Multiple - California Health and Safety Code, Chapter 6.7, Section(s) Multiple
Violation Notes:

Returned to compliance on 02/28/2020. update financial responsibility forms via Cers

Violation Description:

UST Program -General - Must include violation description, proper statute and regulation citation in the "comment" section.

Violations

Violation Date: 03/23/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.7 25284 - California Health and Safety Code, Chapter 6.7, Section(s) 25284
Violation Notes:

Returned to compliance on 04/30/2015. Non inspection related violation: Operating without a Permit. Facility has not submitted electronic UST submittal elements. Carrie Estadt

Violation Description:

Failure to obtain and maintain a valid operation permit from the CUPA.

Violations

Violation Date: 08/05/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2712(b)(3) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(3)
Violation Notes:

Returned to compliance on 05/29/2020. Documentation showing the CP system is being checked on were not made available to the inspector.

Violation Description:

Failure to comply with one or more of the following requirements for the cathodic protection system:
Install corrosion protection for USTs and/or the field-installed cathodic protection system to meet the consensus standards.

For impressed current:
Have corrosion protection equipment turned on and functioning properly.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Inspect the impressed-current system every 60 days.
Test the impressed-current system within six months of installation or repair and at least every 36 months thereafter.

For sacrificial anodes:
Check sacrificial anodes within six months of installation or repair and at least once every 36 months thereafter in accordance with the manufacturer's instructions.

For all corrosion protection systems:
Maintain records for 78 months on-site or off-site at a readily available location if approved by the UPA.

Violations

Violation Date: 08/21/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2663 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2663
Violation Notes:

Returned to compliance on 08/29/2018. note required to be corrected within 60 days of 8/21/17. 5 year tank lining inspection certification

Violation Description:

Failure to complete one or more of the requirements of tank lining, including but not limited to: submit proper written tank lining certification to the CUPA within 30 days of completion of the inspection, perform tank integrity test and/or vacuum test following lining, employ proper coatings expert and/or special inspector.

Violations

Violation Date: 08/03/2018 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2641(h) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(h)
Violation Notes:

Returned to compliance on 02/28/2020.

Violation Description:

Failure to have an approved UST Monitoring Plan.

Violations

Violation Date: 03/23/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: Un-Specified
Violation Notes:

Returned to compliance on 04/30/2015. Non inspection related violation: Failure to submit electronic UST submittal elements. Carrie Estadt

Violation Description:

UST Program - Administration/Documentation - For use of Local Ordinance only

Violations

Violation Date: 08/04/2015 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: 23 CCR 16 2635(a)(2)(A) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(a)(2)(A)
Violation Notes:

Returned to compliance on 10/13/2015.

Violation Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Failure to install corrosion protection for USTs and/or
failure of the field-installed cathodic protection system to meet the consensus standards.

Violations

Violation Date: 08/07/2013 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Notes:

Returned to compliance on 11/12/2013.

Violation Description:

UST Program - Administration/Documentation - General

Enforcements

Enf Action Date: 08/04/2015 ***Enf Action Program:*** UST
Enf Action Type: Notice of Violation (Unified Program) ***Enf Action Source:*** CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Enf Action Date: 03/23/2015 ***Enf Action Program:*** UST
Enf Action Type: Notice of Violation (Unified Program) ***Enf Action Source:*** CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Enf Action Date: 08/07/2013 ***Enf Action Program:*** UST
Enf Action Type: Notice of Violation (Unified Program) ***Enf Action Source:*** CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Evaluations

Eval Date: 08/04/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 08/07/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

monitoring system certification passed. HWTS indicates no hazardous waste generated for the last three years. Minor UST paperwork deficiencies/violations noted.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/13/2014

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 03/23/2015
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

non-inspection related; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/03/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

See written inspection report.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/04/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Annual inspection, HMBP, UST SW. Cathodic Protection system was found to have failed or is no longer functioning as intended by a cathodic protection specialist, RP hired contractor(Sessions Co.) to install an updated system, was instructed to correct violation withing 30 days. DO training requires updating, last training date was 7/24/2014.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/13/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 08/05/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

Met Bill and Tony on-site. Bill reports that diesel T1, 87 T2, and 91 T4 have no product in them and will be applying for temp closure. No testing was conducted on these tanks.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Eval Date: 08/03/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 08/03/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

see inspection report; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/04/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

Annual inspection, HMBP, UST SW. Cathodic Protection system was found to have failed or is no longer functioning as intended by a cathodic protection specialist, RP hired contractor(Sessions Co.) to install an updated system, was instructed to correct violation withing 30 days. DO training requires updating, last training date was 7/24/2014.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/04/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 08/04/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Annual inspection, HMBP, Hazardous Waste, UST, & SW. Cathodic Protection system was found to have failed or is no longer functioning as intended by a cathodic protection specialist, RP hired contractor(Sessions Co.) to install an updated system, was instructed to correct violation withing 30 days. DO training requires updating, last training date was 7/24/2014.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/13/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Eval Date: 08/07/2013
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

monitoring system certification passed. HWTS indicates no hazardous waste generated for the last three years. Minor UST paperwork deficiencies/violations noted.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/03/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 08/04/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Identification Signer
Entity Name: CHRISTIAN A RAMIREZ
Entity Title: GENERAL MANAGER
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: Mike shIMEK
Entity Title:
Address: 2176 KITTREDGE ST
City: BERKELEY
State: CA
Country: United States
Zip Code: 94704
Phone: (707) 971-9039

Affil Type Desc: Environmental Contact
Entity Name: CHRISTIAN A RAMIREZ
Entity Title:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Address:	2176 KITTREDGE ST
City:	BERKELEY
State:	CA
Country:	
Zip Code:	94704
Phone:	
Affil Type Desc:	UST Tank Owner
Entity Name:	ROY & PATTY SHIMEK
Entity Title:	
Address:	444 DIVISADERO ST. SUITE 100
City:	SAN. FRANCISCO
State:	CA
Country:	United States
Zip Code:	94117
Phone:	(415) 626-8112
Affil Type Desc:	Property Owner
Entity Name:	MIKE R SHIMEK
Entity Title:	
Address:	2176 KITTREDGE ST
City:	BERKELEY
State:	CA
Country:	United States
Zip Code:	94704
Phone:	(707) 971-9039
Affil Type Desc:	UST Property Owner Name
Entity Name:	SHIMEK ROY E & PATRICIA P
Entity Title:	
Address:	444 DIVISADERO STREET #100
City:	SAN FRANCISCO
State:	CA
Country:	United States
Zip Code:	941172211
Phone:	(415) 626-8112
Affil Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	
Address:	2176 kittredge st
City:	berkeley
State:	CA
Country:	
Zip Code:	94704
Phone:	
Affil Type Desc:	Operator
Entity Name:	Mike R Shimek
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	(707) 971-9039
Affil Type Desc:	Parent Corporation
Entity Name:	BERKELEY TOUCHLESS CARWASH
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Document Preparer
Entity Name:	Christian A Ramirez

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: UST Permit Applicant
Entity Name: MIKE R SHIMEK
Entity Title: PRESIDENT
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 644-8229

Affil Type Desc: UST Tank Operator
Entity Name: Michael R Shimek
Entity Title:
Address: 2176 Kittredge St
City: Berkeley
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 644-8229

Coordinates

Env Int Type Code: HMBP
Program ID: 10195924
Latitude: 37.868310
Longitude: -122.266510
Coord Name:
Ref Point Type Desc: Center of a facility or station.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
45	5 of 7	E	0.10 / 547.41	197.20 / 14	BERKELEY TOUCHLESS CARWASH 2176 KITTREDGE ST BERKELEY CA 94704	UST

Facility ID:
CERS ID: 10195924
County: Alameda
Latitude: 37.86831
Longitude: -122.26651
Permitting Agency: Berkeley City Toxics Management Division
Note: Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search
Site Facility Type: PERMITTED UNDERGROUND STORAGE TANK (UST)
Source: Permitted Underground Storage Tank (UST) Data Download

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Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
45	6 of 7	E	0.10 / 547.41	197.20 / 14	AUTOMOTIVE CITY 2176 KITTREDGE ST. BERKELEY CA	HIST TANK

Owner Name: ANLYN INC
Owner Street: 2176 KITTREDGE ST.
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94704
No of Containers: 4
County: ALAMEDA
Facility State: CA
Facility Zip: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
45	7 of 7	E	0.10 / 547.41	197.20 / 14	BERKELEY TOUCHLESS CARWASH 2176 KITTREDGE ST BERKELEY CA 94704	EMISSIONS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2017 Criteria Data

Facility ID:	100070	***CERR Code:***	
Facility SIC Code:	5411	***TOGT:***	.173367102
CO:	1	***ROGT:***	.173367102
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	ALA	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2017 Toxic Data

Facility ID:	100070	***COID:***	ALA
Facility SIC Code:	5411	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2018 Criteria Data

Facility ID:	100070	***CERR Code:***	
Facility SIC Code:	5541	***TOGT:***	.173367102
CO:	1	***ROGT:***	.173367102
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	ALA	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

2018 Toxic Data

Facility ID:	100070	***COID:***	ALA
Facility SIC Code:	5541	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

46	***1 of 1***	***E***	***0.10 / 552.66***	***197.55 / 15***	***CITYOFBERKELEY*** ***2165 Kittredge St*** ***Berkeley CA 94704***	***ALT FUELS***

ID:	158959	***CNG Dispenser No:***	
Federal Agency ID:		***CNG Fill Type Code:***	
Federal Agency:		***CNG Site Renew Src:***	
Fed Agency Name:		***CNG PSI:***	
Status:	Open: The station is open.	***CNG Storage Cap:***	
Facility Type:		***CNG Tot Compr Cap:***	
Fuel Type Code:	ELEC: Electric	***CNG Vehicle Class:***	
Owner Type Desc:		***LPG Nozzle Types:***	
Expected Date:		***LNG Site Renew Src:***	
Dt Last Confirmed:	2021-01-18	***LNG Vehicle Class:***	
Open Date:		***Hydrogen is Retail:***	
Updated at:	2021-01-18 00:19:01 UTC	***Hydrogen Pressures:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

BD Blends:
NG PSI:
NG Fill Type Code:
NG Fill Type Desc:
NG Vehicle Class:
NG Vehicle Class Desc:
E85 Blender Pump:
E85 Blender Pump Desc:
E85 Other Ethanol Blends:
EV Pricing: $1.5 per hour
EV Pricing French:
EV on Site Renewable Source:
LPG Primary:
LPG Primary Desc:
Intersection Directions: OXFORD GARAGE 1; Oxford Parking Garage. Serves spaces labeled 58 and 59. OXFORD GARAGE 2; Inside the garage area
Geocode Status Desc: Address level accuracy.
Hydrogen Status Link:
Hydrogen Standards:
Station Phone: 888-758-4389
Latitude: 37.868856
Longitude: -122.266685

47	1 of 1	E	0.11 / 556.24	199.08 / 16	Oxford Plaza 2175 KITTREDGE ST CA	BERKELEY CUPA

Facility ID: FA0000744

Additional Information

Program Element: 4270 - HMBP - UNDER THRESHOLD
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: The John Stewart Company
City: Berkeley
Postal Address: 2175 Kittredge Street
Postal Address 2:
Postal State: CA
Postal Zip: 94703

Program Element: GB01 - GREEN BUSINESS
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: The John Stewart Company
City: Berkeley
Postal Address: 2175 Kittredge Street
Postal Address 2:
Postal State: CA
Postal Zip: 94703

48	1 of 2	NW	0.11 / 563.33	170.41 / -12	City of Berkeley Door-to-door HHW program 2118 Milvia ST STE 3rd f CA	BERKELEY CUPA

Facility ID: FA0000522

Additional Information

Program Element: 4500 - CUPA PERMIT BY RULE (PBR)
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: GIGI MOORE
City: (none)
Postal Address:
Postal Address 2:
Postal State:
Postal Zip:

48	2 of 2	NW	0.11 / 563.33	170.41 / -12	TEST FACILITY 2118 MILVIA ST CA	DELISTED COUNTY

Original Source Facility ID: FA0000973
Original Source Name: Alameda County - City of Berkeley CUPA Facilities
Record Date: 20-JUN-2017

49	1 of 5	NNE	0.11 / 585.47	185.90 / 3	BERKELEY DOWNTOWN HOTEL OWNER LLC	RCRA NON GEN

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					2129 SHATTUCK AVE BERKELEY CA 94704	

EPA Handler ID: CAC002988018
Gen Status Universe: No Report
Contact Name: ED SCOTT
Contact Address: 1 POST OFFICE SQUARE, SUITE 1950, , BOSTON, MA, 02109,
Contact Phone No and Ext: 917-807-4939
Contact Email: ED.SCOTT@PYRAMIDHOTELGROUP.COM
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 20181106

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20181106
Handler Name: BERKELEY DOWNTOWN HOTEL OWNER LLC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: ED SCOTT
Date Became Current:
Date Ended Current:
Phone: 917-807-4939
Source Type: Implementer
Street No:
Street 1: 1 POST OFFICE SQUARE, SUITE 1950
Street 2:
City: BOSTON
State: MA
Country:
Zip Code: 02109

Owner/Operator Ind: Current Owner
Type: Other
Name: PYRAMID HOTEL GROUP
Date Became Current:
Date Ended Current:
Phone: 917-807-4939
Source Type: Implementer
Street No:
Street 1: 1 POST OFFICE SQUARE, SUITE 1950
Street 2:
City: BOSTON
State: MA
Country:
Zip Code: 02109

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
49	2 of 5	NNE	0.11 / 585.47	185.90 / 3	BERKELEY DOWNTOWN HOTEL LLC 2129 SHATTUCK AVENUE BERKELEY CA 94704	RCRA NON GEN

EPA Handler ID: CAC002969357
Gen Status Universe: No Report
Contact Name: GLENN ELKES
Contact Address: BERKELEY DOWNTOWN HOTEL OWNER LLC, ONE POST OFFICE SQUARE SUITE 1950, BOSTON, MA, 20109,
Contact Phone No and Ext: 954-547-7778
Contact Email: MBAZARGANI@SLRCONSULTING.COM
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 20180703

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20180703
Handler Name: BERKELEY DOWNTOWN HOTEL LLC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: GLENN ELKES
Date Became Current:
Date Ended Current:
Phone: 954-547-7778
Source Type: Implementer
Street No:
Street 1: BERKELEY DOWNTOWN HOTEL OWNER LLC
Street 2: ONE POST OFFICE SQUARE SUITE 1950
City: BOSTON
State: MA
Country:
Zip Code: 20109

Owner/Operator Ind: Current Owner
Type: Other
Street No:
Street 1: BERKELEY DOWNTOWN HOTEL OWNER LLC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	BERKELEY DOWNTOWN HOTEL OWNER C/O	**Street 2:**	ONE POST OFFICE SQUARE SUITE 1950
Date Became Current:		**City:**	BOSTON
Date Ended Current:		**State:**	MA
Phone:	617-946-2033	**Country:**	
Source Type:	Implementer	**Zip Code:**	20109

49	3 of 5	NNE	0.11 / 585.47	185.90 / 3	**BERKELEY DOWNTOWN HOTEL OWNER LLC** **2129 SHATTUCK AVE** **BERKELEY CA 94704**	RCRA NON GEN

EPA Handler ID:	CAP000289678
Gen Status Universe:	No Report
Contact Name:	ED SCOTT
Contact Address:	1 POST OFFICE SQUARE, SUITE 1950, , BOSTON, MA, 02109,
Contact Phone No and Ext:	917-807-4939
Contact Email:	ED.SCOTT@PYRAMIDHOTELGROUP.COM
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	20181114

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20181114
Handler Name:	BERKELEY DOWNTOWN HOTEL OWNER LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1 POST OFFICE SQUARE, SUITE 1950
Name:	ED SCOTT	**Street 2:**	
Date Became Current:		**City:**	BOSTON
Date Ended Current:		**State:**	MA
Phone:	917-807-4939	**Country:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source Type:	Implementer	**Zip Code:**	02109
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1 POST OFFICE SQUARE, SUITE 1950
Name:	PYRAMID HOTEL GROUP	**Street 2:**	
Date Became Current:		**City:**	BOSTON
Date Ended Current:		**State:**	MA
Phone:	917-807-4939	**Country:**	
Source Type:	Implementer	**Zip Code:**	02109

49	4 of 5	NNE	0.11 / 585.47	185.90 / 3	**BERKELEY DOWNTOWN HOTEL OWNER LLC** **2129 SHATTUCK AVE** **BERKELEY CA 94704**	RCRA NON GEN

EPA Handler ID:	CAC002996915
Gen Status Universe:	No Report
Contact Name:	ED SCOTT
Contact Address:	1 POST OFFICE SQUARE, SUITE 1950, , BOSTON, MA, 02109,
Contact Phone No and Ext:	917-807-4939
Contact Email:	ED.SCOTT@PYRAMIDHOTELGROUP.COM
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	20190117

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190117
Handler Name:	BERKELEY DOWNTOWN HOTEL OWNER LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1 POST OFFICE SQUARE, SUITE 1950

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	ED SCOTT	**Street 2:**	
Date Became Current:		**City:**	BOSTON
Date Ended Current:		**State:**	MA
Phone:	917-807-4939	**Country:**	
Source Type:	Implementer	**Zip Code:**	02109
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1 POST OFFICE SQUARE, SUITE 1950
Name:	ED SCOTT	**Street 2:**	
Date Became Current:		**City:**	BOSTON
Date Ended Current:		**State:**	MA
Phone:	917-807-4939	**Country:**	
Source Type:	Implementer	**Zip Code:**	02109

49	5 of 5	NNE	0.11 / 585.47	185.90 / 3	**BERKELEY DOWNTOWN HOTEL** **2129 SHATTUCK AVE** **BERKELEY CA 94704**	GEOTRACKER

Global ID:	T10000012203	**Latitude:**	37.8708
Status:	INFORMATIONAL ITEM	**Longitude:**	-122.26738
Status Date:	7/1/2019	**County:**	ALAMEDA
Site Facility Type:	NON-CASE INFORMATION		

Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail (as of Nov 16, 2020)

RB Case No:		**CUF Case:**	NO
Local Case No:		**How Discovered:**	
Begin Date:	2018-10-10 00:00:00	**File Location:**	
Stop Method:		**Case Worker:**	
Lead Agency:			
Local Agency:			
Potential COC:	Diesel, Waste Oil / Motor / Hydraulic / Lubricating		
Potential Media of Concern:	Soil, Soil Vapor		
How Discovered Description:			
Stop Description:			
Calwater Watershed Name:	Bay Bridges - Berkeley (203.30)		
DWR GW Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)		
Disadvantaged Community:	Disadvantaged Community		
Site History:			

Sites from GeoTracker Cleanup Sites Data Download - Regulatory Acitivity (as of Nov 16, 2020)

Action Type:	ENFORCEMENT
Date :	2019-07-01 00:00:00
Action:	Staff Letter
Action Type:	RESPONSE
Date :	2019-06-28 00:00:00
Action:	Interim Remedial Action Report
Action Type:	RESPONSE
Date :	2019-06-14 00:00:00
Action:	Soil Vapor Intrusion Investigation Report
Action Type:	ENFORCEMENT
Date :	2019-04-02 00:00:00
Action:	Staff Letter
Action Type:	RESPONSE
Date :	2019-03-29 00:00:00
Action:	Soil Vapor Intrusion Investigation Workplan
Action Type:	ENFORCEMENT
Date :	2019-02-20 00:00:00
Action:	Technical Correspondence / Assistance / Other

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: ENFORCEMENT
Date : 2019-02-20 00:00:00
Action: Staff Letter

Action Type: RESPONSE
Date : 2019-02-20 00:00:00
Action: Other Report / Document

Action Type: RESPONSE
Date : 2019-01-09 00:00:00
Action: Site Assessment Report

Action Type: RESPONSE
Date : 2018-10-19 00:00:00
Action: Correspondence

Action Type: RESPONSE
Date : 2018-10-17 00:00:00
Action: Correspondence

Action Type: RESPONSE
Date : 2018-10-12 00:00:00
Action: Correspondence - Regulator Responded

Action Type: RESPONSE
Date : 2018-10-12 00:00:00
Action: Tank Removal Workplan

Action Type: RESPONSE
Date : 2018-10-10 00:00:00
Action: Tank Removal Workplan

Action Type: RESPONSE
Date : 2018-10-10 00:00:00
Action: Correspondence

Sites from GeoTracker Cleanup Sites Data Download - Status History (as of Nov 16, 2020)

Status: Informational Item
Status Date: 2019-07-01 00:00:00

Status: Open - Case Begin Date
Status Date: 2018-10-10 00:00:00

Status: Pending Review
Status Date: 2018-10-10 00:00:00

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
50	1 of 2	NW	0.11 / 586.47	171.34 / -11	REPRODUCTIVE TECHNOLOGIES DBA SPERM BANK OF CA 2115 Milvia ST STE 201 CA	BERKELEY CUPA

Facility ID: FA0000212

Additional Information

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: Alice Ruby, Executive Director
City: BERKELEY
Postal Address: 2115 MILVIA ST STE 201
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
50	2 of 2	NW	0.11 / 586.47	171.34 / -11	REPRODUCTIVE TECHNOLOGIES DBA SPERM BANK OF CA 2115 MILVIA ST STE 201	CERS HAZ

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

BERKELEY CA 94704

Site ID: 147496
Latitude: 37.870380
Longitude: -122.270360
County: Alameda County

Regulated Programs

EI ID: 10196188 ***EI Description:*** Chemical Storage Facilities

Violations

Violation Date: 03/08/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Returned to compliance on 03/11/2019. The "Max Daily" field should reflect the maximum amount of chemical stored onsite at anytime. Cavicide max daily should be 2 gallons. Carbon dioxide should be removed from the inventory. Corrective action: Update inventory on CERS and resubmit.

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Enforcements

Enf Action Date: 03/08/2019 ***Enf Action Program:*** HMRRP
Enf Action Type: Notice of Violation (Unified Program) ***Enf Action Source:*** CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Evaluations

Eval Date: 02/18/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Routine announced Hazardous Materials Business Plan and Stormwater inspection. A 2016 CERS submittal was completed 2.3.2016. All Chemicals were reported accurately. Recommendation, Nitrogen tank/ vial storage area. At the time of inspection the O2 hand held meter was not working. It was recommended to repair meter and use when most appropriate. Haz comm training records available and up to date. No violations during the inspection.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 03/08/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Business stores semen and provides delivery services to clients. Specimen is placed in container with nitrogen for shipping. Container is returned after usage. Liquid nitrogen is delivered by a 3rd party and handled by trained employees. Handling consists of hooking up hoses and topping off specimen containers when running low. Nitrogen is properly stored in an area not accessible to the public and properly labeled. Cavicide is used to wipe down

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

surfaces. Oxygen kept onsite for patient emergencies. Lab onsite generate biological waste - regulated by the California department of health. Employees are trained annually on hazard communication and emergency action - records available for review. Handlers of liquid nitrogen are trained on the job.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Affiliations

Affil Type Desc: Operator
Entity Name: Alice Ruby, Executive Director
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (510) 220-8289

Affil Type Desc: Property Owner
Entity Name: Ben and Andrew Meyer
Entity Title:
Address: 400 Pacific Avenue #2F
City: San Francisco
State: CA
Country: United States
Zip Code: 94133
Phone: (415) 362-1546

Affil Type Desc: Parent Corporation
Entity Name: REPRODUCTIVE TECHNOLOGIES DBA SPERM BANK OF CA
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Document Preparer
Entity Name: Alice Ruby
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: Berkeley City Toxics Management Division
Entity Title:
Address: 1947 Center Street, 1st Floor
City: Berkeley
State: CA
Country:
Zip Code: 94704
Phone: (510) 981-7460

Affil Type Desc: Environmental Contact
Entity Name: Alice Ruby, MPH
Entity Title:
Address: 2115 MILVIA ST STE 201
City: BERKELEY
State: CA
Country:
Zip Code: 94704
Phone:

Affil Type Desc: Legal Owner

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Name: Alice Ruby, Executive Director
Entity Title:
Address: 2115 MILVIA ST STE 201
City: BERKELEY
State: CA
Country: United States
Zip Code: 94704
Phone: (510) 841-1858

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 2115 MILVIA ST STE 201
City: BERKELEY
State: CA
Country:
Zip Code: 94704
Phone:

Affil Type Desc: Identification Signer
Entity Name: Alice Ruby
Entity Title: Executive Director
Address:
City:
State:
Country:
Zip Code:
Phone:

51	1 of 1	SSE	0.12 / 621.74	181.23 / -2	TOYOTA OF BERKELEY 2400 SHATTUCK AVE BERKELEY CA 94704	DELISTED TNK

Delisted Storage Tanks

Facility ID: 328
Permitting Agency: BERKELEY, CITY OF
County: Alameda
Original Source: UST
Record Date: 30-JAN-2017
Latitude: 37.8668902
Longitude: -122.2664968

52	1 of 2	WNW	0.12 / 638.86	166.96 / -16	International Computer Science Institution 1947 center ST 600 CA	BERKELEY CUPA

Facility ID: FA0001121

Additional Information

Program Element: 4270 - HMBP - UNDER THRESHOLD
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: International Computer Science Instution
City: BERKELEY
Postal Address:
Postal Address 2:
Postal State: CA
Postal Zip:

52	2 of 2	WNW	0.12 / 638.86	166.96 / -16	CITY OF BERKELEY PUBLIC HEALTH CLINIC 1947 CENTER ST BERKELEY CA 94707	RCRA NON GEN

EPA Handler ID: CAC002997113
Gen Status Universe: No Report
Contact Name: PEGGY HIGGINS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Address: 1947 CENTER ST, , BERKELEY, CA, 94707,
Contact Phone No and Ext: 510-981-5373
Contact Email: PHIGGINS@CITYOFBERKELEY.COM
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 20190118

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190118
Handler Name: CITY OF BERKELEY PUBLIC HEALTH CLINIC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: CITY OF BERKELEY PUBLIC HEALTH
Date Became Current:
Date Ended Current:
Phone: 510-981-5373
Source Type: Implementer
Street No:
Street 1: 1947 CENTER ST
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94707

Owner/Operator Ind: Current Operator
Type: Other
Name: PEGGY HIGGINS
Date Became Current:
Date Ended Current:
Phone: 510-981-5373
Source Type: Implementer
Street No:
Street 1: 1947 CENTER ST
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94707

53	1 of 1	ESE	0.12 / 652.87	197.38 / 15	PETTINGELL BOOK BINDERY 2181 BANCROFT WAY CA	BERKELEY CUPA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID: FA0001113

Additional Information

Program Element:	4270 - HMBP - UNDER THRESHOLD	**Postal Address:**	
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	KLAUS-ULLRICH ROTZSCHER	**Postal State:**	CA
City:	BERKELEY	**Postal Zip:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
54	1 of 2	NW	0.13 / 671.15	171.73 / -11	AT&T California - Q212X 2100 MILVIA ST BERKELEY CA 94704	DELISTED HAZ

Siteid: 410721
Latitude: 37.870552
Longitude: -122.271194
Original Source: CHAZ
Record Date: 04-JAN-2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
54	2 of 2	NW	0.13 / 671.15	171.73 / -11	AT&T California - Q212X 2100 Milvia St CA	BERKELEY CUPA

Facility ID: FA0001155

Additional Information

Program Element:	4200 - HMBP	**Postal Address:**	308 S. Akard St., 17th Floor
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	Pacific Bell Telephone Company dba AT&T California	**Postal State:**	TX
City:	Dallas	**Postal Zip:**	75202
Program Element:	SW02 - STORMWATER	**Postal Address:**	308 S. Akard St., 17th Floor
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	Pacific Bell Telephone Company dba AT&T California	**Postal State:**	TX
City:	Dallas	**Postal Zip:**	75202

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
55	1 of 5	S	0.13 / 673.42	173.73 / -9	HUSTEADS AUTO BODY. 2037 Durant AVE CA	BERKELEY CUPA

Facility ID: FA0000123

Additional Information

Program Element:	4200 - HMBP	**Postal Address:**	2037 Durant Ave.
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	5877 TURNBERRY DRIVE
Owner:	Jonathan Yi	**Postal State:**	CA
City:	Berkeley	**Postal Zip:**	94704
Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	2037 Durant Ave.
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	5877 TURNBERRY DRIVE
Owner:	Jonathan Yi	**Postal State:**	CA
City:	Berkeley	**Postal Zip:**	94704
Program Element:	SW02 - STORMWATER	**Postal Address:**	2037 Durant Ave.
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	5877 TURNBERRY DRIVE
Owner:	Jonathan Yi	**Postal State:**	CA
City:	Berkeley	**Postal Zip:**	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
55	2 of 5	S	0.13 / 673.42	173.73 / -9	HUSTEAD'S INC 2037 DURANT AVENUE BERKELEY CA 94704	EMISSIONS

1987 Criteria Data

Facility ID:	3823	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	2
CO:	1	**ROGT:**	1.88
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	ALA	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

1987 Toxic Data

Facility ID:	3823	**COID:**	ALA
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1996 Criteria Data

Facility ID:	3823	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	3.1
CO:	1	**ROGT:**	2.7656
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	ALA	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

1996 Toxic Data

Facility ID:	3823	**COID:**	ALA
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1997 Criteria Data

Facility ID:	3823	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	3.1
CO:	1	**ROGT:**	2.7656
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	ALA	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

1997 Toxic Data

Facility ID:	3823	***COID:***	ALA
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1998 Criteria Data

Facility ID:	3823	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	3.2
CO:	1	***ROGT:***	2.8456
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	ALA	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

1998 Toxic Data

Facility ID:	3823	***COID:***	ALA
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1999 Criteria Data

Facility ID:	3823	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	3.373
CO:	1	***ROGT:***	2.8326286
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	ALA	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

1999 Toxic Data

Facility ID:	3823	***COID:***	ALA
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	3823	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	3.373

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CO:	1	**ROGT:**	2.84
Air Basin:	SF	**COT:**	
District:	BA	**NOXT:**	
COID:	ALA	**SOXT:**	
DISN:	BAY AREA AQMD	**PMT:**	
CHAPIS:		**PM10T:**	

2000 Toxic Data

Facility ID:	3823	**COID:**	ALA
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2001 Toxic Data

Facility ID:	3823	**COID:**	ALA
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2002 Toxic Data

Facility ID:	3823	**COID:**	ALA
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
55	3 of 5	S	0.13 / 673.42	173.73 / -9	HUSTEAD'S COLLISION CENTER 2037 DURANT AVENUE BERKELEY CA 94704	EMISSIONS

2001 Criteria Data

Facility ID:	13614	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	3.21
CO:	1	**ROGT:**	2.69
Air Basin:	SF	**COT:**	.02
District:	BA	**NOXT:**	.06
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2001 Toxic Data

Facility ID:	13614	**COID:**	ALA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2002 Criteria Data

Facility ID:	13614	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	2.932
CO:	1	**ROGT:**	2.4310811
Air Basin:	SF	**COT:**	.016
District:	BA	**NOXT:**	.063
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.001
CHAPIS:		**PM10T:**	.000574

2002 Toxic Data

Facility ID:	13614	**COID:**	ALA
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2003 Criteria Data

Facility ID:	13614	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	3.042
CO:	1	**ROGT:**	2.52
Air Basin:	SF	**COT:**	.016
District:	BA	**NOXT:**	.066
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.001
CHAPIS:		**PM10T:**	0

2003 Toxic Data

Facility ID:	13614	**COID:**	ALA
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2004 Criteria Data

Facility ID:	13614	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	3.08
CO:	1	**ROGT:**	2.5662631
Air Basin:	SF	**COT:**	.017
District:	BA	**NOXT:**	.066
COID:	ALA	**SOXT:**	0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DISN:	BAY AREA AQMD	**PMT:**	.001
CHAPIS:		**PM10T:**	.000574

2004 Toxic Data

Facility ID:	13614	**COID:**	ALA
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2005 Criteria Data

Facility ID:	13614	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	1.628
CO:	1	**ROGT:**	1.5247176
Air Basin:	SF	**COT:**	.015
District:	BA	**NOXT:**	.058
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	.001
CHAPIS:		**PM10T:**	.000574

2005 Toxic Data

Facility ID:	13614	**COID:**	ALA
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2006 Criteria Data

Facility ID:	13614	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	1.571
CO:	1	**ROGT:**	1.4738576
Air Basin:	SF	**COT:**	0
District:	BA	**NOXT:**	0
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2006 Toxic Data

Facility ID:	13614	**COID:**	ALA
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2007 Criteria Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID:	13614	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	1.532
CO:	1	**ROGT:**	1.4361056
Air Basin:	SF	**COT:**	0
District:	BA	**NOXT:**	0
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2007 Toxic Data

Facility ID:	13614	**COID:**	ALA
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2008 Criteria Data

Facility ID:	13614	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	1.474
CO:	1	**ROGT:**	1.3798241
Air Basin:	SF	**COT:**	.004
District:	BA	**NOXT:**	.018
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2008 Toxic Data

Facility ID:	13614	**COID:**	ALA
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	13614	**CERR Code:**	
Facility SIC Code:	7532	**TOGT:**	1.474
CO:	1	**ROGT:**	1.3798241
Air Basin:	SF	**COT:**	.004
District:	BA	**NOXT:**	.018
COID:	ALA	**SOXT:**	0
DISN:	BAY AREA AQMD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2009 Toxic Data

Facility ID:	13614	**COID:**	ALA
Facility SIC Code:	7532	**DISN:**	BAY AREA AQMD
CO:	1	**CHAPIS:**	
Air Basin:	SF	**CERR Code:**	
District:	BA		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2010 Toxic Data

Facility ID:	13614	***COID:***	ALA
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2011 Criteria Data

Facility ID:	13614	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	1.21
CO:	1	***ROGT:***	1.1315511
Air Basin:	SF	***COT:***	.004
District:	BA	***NOXT:***	.018
COID:	ALA	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	0
CHAPIS:		***PM10T:***	0

2011 Toxic Data

Facility ID:	13614	***COID:***	ALA
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2012 Criteria Data

Facility ID:	13614	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.698
CO:	1	***ROGT:***	.6359351
Air Basin:	SF	***COT:***	.004
District:	BA	***NOXT:***	.018
COID:	ALA	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	0
CHAPIS:		***PM10T:***	0

2012 Toxic Data

Facility ID:	13614	***COID:***	ALA
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2013 Criteria Data

Facility ID:	13614	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.644
CO:	1	***ROGT:***	.5877041
Air Basin:	SF	***COT:***	.004
District:	BA	***NOXT:***	.017
COID:	ALA	***SOXT:***	0
DISN:	BAY AREA AQMD	***PMT:***	0
CHAPIS:		***PM10T:***	0

2013 Toxic Data

Facility ID:	13614	***COID:***	ALA
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	13614	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.643180736
CO:	1	***ROGT:***	
Air Basin:	SF	***COT:***	.004166667
District:	BA	***NOXT:***	.016694162
COID:	ALA	***SOXT:***	.000067649
DISN:	BAY AREA AQMD	***PMT:***	.000357143
CHAPIS:		***PM10T:***	.000357143

2014 Toxic Data

Facility ID:	13614	***COID:***	ALA
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	13614	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.643180716
CO:	1	***ROGT:***	.642954425
Air Basin:	SF	***COT:***	.004166667
District:	BA	***NOXT:***	.01669416
COID:	ALA	***SOXT:***	.000067649
DISN:	BAY AREA AQMD	***PMT:***	.000357143
CHAPIS:		***PM10T:***	.000357143

2015 Toxic Data

Facility ID:	13614	***COID:***	ALA
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
CERR Code:

---

55 | 4 of 5 | S | 0.13 / 673.42 | 173.73 / -9 | HUSTEAD'S COLLISION CENTER
2037 DURANT AVE
BERKELEY CA 94704 | EMISSIONS

2017 Toxic Data

Facility ID: 13614
Facility SIC Code: 7532
CO: 1
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

2018 Criteria Data

Facility ID: 13614
Facility SIC Code: 7532
CO: 1
Air Basin: SF
District: BA
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: .960000038
ROGT: .9483840375402
COT:
NOXT:
SOXT:
PMT:
PM10T:

2018 Toxic Data

Facility ID: 13614
Facility SIC Code: 7532
CO: 1
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

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55 | 5 of 5 | S | 0.13 / 673.42 | 173.73 / -9 | HUSTEADS COLLISION CENTER
2037 DURANT AVE
BERKELEY CA 94704 | RCRA SQG

EPA Handler ID: CAD027915206
Gen Status Universe: Small Quantity Generator
Contact Name: JONG YI
Contact Address: 34864 MISSION BLVD, NO 226, UNION CITY, CA, 94587, US
Contact Phone No and Ext: 510-549-0910
Contact Email:
Contact Country: US
County Name: ALAMEDA
EPA Region: 09
Land Type: Private
Receive Date: 20020116

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20020116
Handler Name: HUSTEADS COLLISION CENTER
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D035
Waste Code Description: METHYL ETHYL KETONE

Hazardous Waste Code: F002
Waste Code Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: F005
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	2037 DURANT AVE
Name:	JONG KU YI	***Street 2:***	
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-549-0910	***Country:***	
Source Type:	Notification	***Zip Code:***	94704

56	*1 of 2*	*NNW*	*0.13 / 675.01*	*177.21 / -6*	***AUTOMOTIVE UNLIMITED 2020 ADDISON ST BERKELEY CA 94704***	***RCRA SQG***

EPA Handler ID:	CAD981572787
Gen Status Universe:	Small Quantity Generator
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	2020 ADDISON ST, , BERKELEY, CA, 94704, US
Contact Phone No and Ext:	415-548-1607
Contact Email:	
Contact Country:	US
County Name:	ALAMEDA
EPA Region:	09
Land Type:	Other
Receive Date:	19860930

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19860930
Handler Name:	AUTOMOTIVE UNLIMITED
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Notification

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Private	**Street 1:**	NOT REQUIRED
Name:	BERT GORDON	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	ME
Phone:	415-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	NOT REQUIRED	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	ME
Phone:	415-555-1212	**Country:**	
Source Type:	Notification	**Zip Code:**	99999

56	2 of 2	NNW	0.13 / 675.01	177.21 / -6	AUTOMOTIVE UNLIMITED 2020 ADDISON ST BERKELEY CA 94704	LUST

Global ID:	T0600100130	**County:**	ALAMEDA
Status:	COMPLETED - CASE CLOSED	**Latitude:**	37.870738
Status Date:	9/29/1994	**Longitude:**	-122.26958
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No:	01-0140	**Potential COC:**	Gasoline
Local Case No:	01-0140	**How Discovered:**	Tank Closure
Begin Date:	6/17/1988	**Stop Method:**	
Lead Agency:	BERKELEY, CITY OF	**Stop Description:**	
Local Agency:	BERKELEY, CITY OF	**Case Worker:**	GAF
CUF Case:	NO	**File Location:**	
Potential Media of Concern:	Other Groundwater (uses other than drinking water)		
How Discovered Description:			
Calwater Watershed Name:	Bay Bridges - Berkeley (203.30)		
DWR GW Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)		
Disadvantaged Community:			
Site History:			

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type:	RESPONSE
Date :	8/3/1988
Action:	Other Report / Document
Action Type:	Other
Date :	6/17/1988
Action:	Leak Stopped
Action Type:	Other
Date :	6/17/1988
Action:	Leak Reported
Action Type:	Other
Date :	6/17/1988
Action:	Leak Discovery
Action Type:	RESPONSE
Date :	6/1/1988
Action:	Tank Removal Report / UST Sampling Report
Action Type:	RESPONSE
Date :	8/14/1987

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Tank Removal Report / UST Sampling Report

Action Type: ENFORCEMENT
Date : 6/15/1987
Action: Staff Letter

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
City: BERKELEY
Organization Name: BERKELEY, CITY OF
Address: 2118 MILVIA STREET 3RD FLOOR
Email: gfiedler@ci.berkeley.ca.us
Phone No:

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Completed - Case Closed
Status Date: 9/29/1994

Status: Open - Case Begin Date
Status Date: 6/17/1988

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: AUTOMOTIVE UNLIMITED
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 2020 ADDISON ST
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim:

Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600100130
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 9/29/1994
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600100130&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: BERKELEY, CITY OF (LEAD) - CASE #: 01-0140
CASEWORKER: GEOFFERY FIEDLER
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0140
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 9/29/1994

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Open - Case Begin Date
Date : 6/17/1988

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Response Requested - Other
Action Date: 8/3/1988
Received Issue Date: 8/3/1988
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100130&doc_id=5967979
Title Description Comments:

Fuel Leak Case Form

Action Type: Response Requested - Reports
Action Date: 6/1/1988
Received Issue Date: 6/1/1988
Action: Tank Removal Report / UST Sampling Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100130&doc_id=5967977
Title Description Comments:

Final Removal Report

Action Type: Response Requested - Reports
Action Date: 8/14/1987
Received Issue Date: 8/14/1987
Action: Tank Removal Report / UST Sampling Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100130&doc_id=5967974
Title Description Comments:

UST Unauthorized Release Form

Action Type: Other Regulatory Actions
Action Date: 6/15/1987
Received Issue Date: 6/15/1987
Action: Staff Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100130&enforcement_id=6361801&temptable=ENFORCEMENT
Title Description Comments:

Underground Storage Tank Letter

Action Type: Leak Action
Action Date: 6/17/1988
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 6/17/1988
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 6/17/1988
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Document Type:	Site Documents	***Size :***	
Document Date:	8/3/1988	***Submitted By:***	TORREN CAMPBELL (REGULATOR)
Type:	OTHER REPORT / DOCUMENT	***Submitted:***	
Title:	FUEL LEAK CASE FORM		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100130&document_id=5967979		

Document Type:	Site Documents	***Size :***	
Document Date:	6/1/1988	***Submitted By:***	TORREN CAMPBELL (REGULATOR)
Type:	TANK REMOVAL REPORT / UST SAMPLING REPORT	***Submitted:***	
Title:	FINAL REMOVAL REPORT		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100130&document_id=5967977		

Document Type:	Site Documents	***Size :***	
Document Date:	8/14/1987	***Submitted By:***	TORREN CAMPBELL (REGULATOR)
Type:	TANK REMOVAL REPORT / UST SAMPLING REPORT	***Submitted:***	
Title:	UST UNAUTHORIZED RELEASE FORM		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100130&document_id=5967974		

Document Type:	Site Documents	***Size :***	
Document Date:	6/15/1987	***Submitted By:***	TORREN CAMPBELL (REGULATOR)
Type:	STAFF LETTER	***Submitted:***	
Title:	UNDERGROUND STORAGE TANK LETTER		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100130&enforcement_id=6361801		

57	*1 of 2*	*NNW*	*0.13 / 675.08*	*178.19 / -5*	***STADIUM BODY SHOP*** ***2026 ADDISON ST*** ***BERKELEY CA 94704***	***RCRA SQG***

EPA Handler ID:	CAD981371347
Gen Status Universe:	Small Quantity Generator
Contact Name:	
Contact Address:	US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	19960901

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19960901
Handler Name: STADIUM BODY SHOP
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Private
Name: NOT REQUIRED
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: Private
Name: MCLEMORE/WRIGHT
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

57	2 of 2	NNW	0.13 / 675.08	178.19 / -5	STADIUM BODY SHOP 2026 ADDISON STREET BERKELEY CA 94704	EMISSIONS

1990 Criteria Data

Facility ID: 3818
Facility SIC Code: 7532
CO: 1
Air Basin: SF
District: BA
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: 1.2
ROGT: 1.2
COT:
NOXT:
SOXT:
PMT:
PM10T:

1990 Toxic Data

Facility ID: 3818
Facility SIC Code: 7532
CO: 1
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

58	1 of 4	E	0.13 / 675.11	200.94 / 18	EH AND S/DOFM 2223 FULTON STREET BERKELEY CA 94720	HHSS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

County:
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0003640c.pdf

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2223 FULTON STREET, 4TH FLOOR
BERKELEY CA 94720 | **HHSS**

County:
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000364a6.pdf

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58 | **3 of 4** | **E** | **0.13 / 675.11** | **200.94 / 18** | **HESSE HALL**
2223 FULTON STREET, 4TH FLOOR
BERKELEY CA | **HIST TANK**

Owner Name: UNIVERSITY OF CALIFORNIA, BERK
Owner Street: 2223 FULTON STREET, 4TH FLOOR
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94720
No of Containers: 2
County: ALAMEDA
Facility State: CA
Facility Zip: 94720

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58 | **4 of 4** | **E** | **0.13 / 675.11** | **200.94 / 18** | **EH&S/DOFM**
2223 FULTON STREET
BERKELEY CA | **HIST TANK**

Owner Name: U.C. BERKELEY
Owner Street: N/A
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94720
No of Containers: 32
County: ALAMEDA
Facility State: CA
Facility Zip: 94720

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59 | **1 of 1** | **N** | **0.13 / 677.03** | **182.28 / -1** | **ADDISON STREET PROPERTY**
2040 ADDISON ST
BERKELEY CA 94704 | **LUST**

Global ID: T0600100026
Status: COMPLETED - CASE CLOSED
Status Date: 12/1/1998
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download
County: ALAMEDA
Latitude: 37.870806
Longitude: -122.269062

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No: 01-0030
Local Case No: 01-0030
Begin Date: 9/29/1986
Lead Agency: BERKELEY, CITY OF
Local Agency: BERKELEY, CITY OF
CUF Case: NO
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
DWR GW Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:
Site History:
Potential COC: Heating Oil / Fuel Oil
How Discovered: Tank Closure
Stop Method:
Stop Description:
Case Worker: GAF
File Location:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type: ENFORCEMENT
Date : 12/1/1998
Action: Closure/No Further Action Letter

Action Type: RESPONSE
Date : 5/3/1993
Action: Correspondence

Action Type: RESPONSE
Date : 6/15/1990
Action: Other Report / Document

Action Type: RESPONSE
Date : 9/29/1986
Action: Other Report / Document

Action Type: Other
Date : 9/29/1986
Action: Leak Reported

Action Type: Other
Date : 9/29/1986
Action: Leak Discovery

Action Type: Other
Date : 9/29/1986
Action: Leak Stopped

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
City: BERKELEY
Organization Name: BERKELEY, CITY OF
Address: 2118 MILVIA STREET 3RD FLOOR
Email: gfiedler@ci.berkeley.ca.us
Phone No:

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Completed - Case Closed
Status Date: 12/1/1998

Status: Open - Case Begin Date
Status Date: 9/29/1986

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: ADDISON STREET PROPERTY
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600100026
Potential COC: HEATING OIL / FUEL OIL
Facility Type:
Composting Method:
Address: 2040 ADDISON ST
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 12/1/1998
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600100026&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: BERKELEY, CITY OF (LEAD) - CASE #: 01-0030
CASEWORKER: GEOFFERY FIEDLER
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0030
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 12/1/1998

Status: Open - Case Begin Date
Date : 9/29/1986

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Other Regulatory Actions
Action Date: 12/1/1998
Received Issue Date: 12/1/1998
Action: Closure/No Further Action Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100026&enforcement_id=6056196&temptable=ENFORCEMENT
Title Description Comments:

Case Closure Letter

Action Type: Response Requested - Other
Action Date: 5/3/1993
Received Issue Date: 5/3/1993
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100026&doc_id=6024844
Title Description Comments:

incomplete tank closure, request for further action

Action Type: Response Requested - Other
Action Date: 6/15/1990
Received Issue Date: 6/15/1990
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100026&doc_id=6024846
Title Description Comments:

fuel leak case form

Action Type: Response Requested - Other
Action Date: 9/29/1986
Received Issue Date: 9/29/1986
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100026&doc_id=6024845
Title Description Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

proposed contamination investigation

Action Type: Leak Action
Action Date: 9/29/1986
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 9/29/1986
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 9/29/1986
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Document Type: Site Documents ***Size :***
Document Date: 12/1/1998 ***Submitted By:*** (REGULATOR)
Type: CLOSURE/NO FURTHER ACTION LETTER ***Submitted:***
Title: CASE CLOSURE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100026&enforcement_id=6056196

Document Type: Site Documents ***Size :***
Document Date: 5/3/1993 ***Submitted By:*** FEI ZHAO (REGULATOR)
Type: CORRESPONDENCE ***Submitted:***
Title: INCOMPLETE TANK CLOSURE, REQUEST FOR FURTHER ACTION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100026&document_id=6024844

Document Type: Site Documents ***Size :***
Document Date: 6/15/1990 ***Submitted By:*** FEI ZHAO (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: FUEL LEAK CASE FORM
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100026&document_id=6024846

Document Type: Site Documents ***Size :***
Document Date: 9/29/1986 ***Submitted By:*** FEI ZHAO (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: PROPOSED CONTAMINATION INVESTIGATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100026&document_id=6024845

60	1 of 2	S	0.13 / 681.67	169.22 / -14	2025 DURANT AVENUE, LLC 2025 DURANT AVENUE BERKELEY CA 94704	RCRA TSD

EPA Handler ID: CAC003018572
Gen Status Universe: No Report
Contact Name: ANJI KUDUMULA
Contact Address: 2278 SHATTUCK AVE, , BERKELEY, CA, 94704,
Contact Phone No and Ext: 510-549-1954
Contact Email: ANJI@EVERESTPROP.COM
Contact Country:
Land Type:
County Name: ALAMEDA
EPA Region: 09
Receive Date: 20190606

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation/Evaluation Summary

Note: NO RECORDS: As of May 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190606
Handler Name:	2025 DURANT AVENUE, LLC
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	2278 SHATTUCK AVE
Name:	ANJI KUDUMULA	***Street 2:***	
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-549-1954	***Country:***	
Source Type:	Implementer	***Zip Code:***	94704
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2278 SHATTUCK AVE
Name:	LAKSH LAKIREDDY	***Street 2:***	
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-549-1954	***Country:***	
Source Type:	Implementer	***Zip Code:***	94704

60	*2 of 2*	*S*	*0.13 / 681.67*	*169.22 / -14*	***2025 DURANT AVENUE, LLC 2025 DURANT AVENUE BERKELEY CA 94704***	***RCRA NON GEN***

EPA Handler ID:	CAC003018572
Gen Status Universe:	No Report
Contact Name:	ANJI KUDUMULA
Contact Address:	2278 SHATTUCK AVE, , BERKELEY, CA, 94704,
Contact Phone No and Ext:	510-549-1954
Contact Email:	ANJI@EVERESTPROP.COM
Contact Country:	
County Name:	ALAMEDA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EPA Region: 09
Land Type:
Receive Date: 20190606

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20190606
Handler Name: 2025 DURANT AVENUE, LLC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: LAKSH LAKIREDDY
Date Became Current:
Date Ended Current:
Phone: 510-549-1954
Source Type: Implementer
Street No:
Street 1: 2278 SHATTUCK AVE
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94704

Owner/Operator Ind: Current Operator
Type: Other
Name: ANJI KUDUMULA
Date Became Current:
Date Ended Current:
Phone: 510-549-1954
Source Type: Implementer
Street No:
Street 1: 2278 SHATTUCK AVE
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94704

61	1 of 1	ENE	0.13 / 690.18	197.46 / 15	BERKELEY TOUCHLESS CHEVRON 2176 KITTREDGE ST BERKELEY CA 94704	DELISTED TNK

Delisted Storage Tanks

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID:	62	**Latitude:**	37.869939
Permitting Agency:	BERKELEY, CITY OF	**Longitude:**	-122.26533
County:	Alameda		
Original Source:	UST		
Record Date:	30-JAN-2017		

62 | 1 of 1 | NE | 0.13 / 692.29 | 195.13 / 12 | **TOLTEC PROPERTY**
2148 CENTER ST
BERKELEY CA 94704 | LUST

Global ID:	T0600101723	**County:**	ALAMEDA
Status:	COMPLETED - CASE CLOSED	**Latitude:**	37.870489
Status Date:	2/22/1994	**Longitude:**	-122.2666254
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No:	01-1857	**Potential COC:**	Diesel
Local Case No:	01-1857	**How Discovered:**	Tank Closure
Begin Date:	1/27/1994	**Stop Method:**	
Lead Agency:	BERKELEY, CITY OF	**Stop Description:**	
Local Agency:	BERKELEY, CITY OF	**Case Worker:**	GAF
CUF Case:	NO	**File Location:**	
Potential Media of Concern:	Other Groundwater (uses other than drinking water)		
How Discovered Description:			
Calwater Watershed Name:	Bay Bridges - Berkeley (203.30)		
DWR GW Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)		
Disadvantaged Community:			
Site History:			

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type:	Other
Date :	2/22/1994
Action:	Leak Stopped
Action Type:	Other
Date :	2/22/1994
Action:	Leak Discovery
Action Type:	Other
Date :	2/22/1994
Action:	Leak Reported
Action Type:	ENFORCEMENT
Date :	1/27/1994
Action:	Closure/No Further Action Letter

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type:	Local Agency Caseworker	**Address:**	2118 MILVIA STREET 3RD FLOOR
Contact Name:	GEOFFERY FIEDLER	**Email:**	gfiedler@ci.berkeley.ca.us
City:	BERKELEY	**Phone No:**	
Organization Name:	BERKELEY, CITY OF		
Contact Type:	Regional Board Caseworker	**Address:**	1515 CLAY ST SUITE 1400
Contact Name:	Regional Water Board	**Email:**	
City:	OAKLAND	**Phone No:**	
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Completed - Case Closed
Status Date: 2/22/1994

Status: Open - Case Begin Date
Status Date: 1/27/1994

Status: Open - Site Assessment
Status Date: 1/27/1994

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: TOLTEC PROPERTY
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: DIESEL
Facility Type:
Composting Method:
Address: 2148 CENTER ST
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600101723
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 2/22/1994
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600101723&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: BERKELEY, CITY OF (LEAD) - CASE #: 01-1857
CASEWORKER: GEOFFERY FIEDLER
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-1857
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 2/22/1994

Status: Open - Case Begin Date
Date : 1/27/1994

Status: Open - Site Assessment
Date : 1/27/1994

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Other Regulatory Actions
Action Date: 1/27/1994
Received Issue Date: 1/27/1994
Action: Closure/No Further Action Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600101723&enforcement_id=6323856&temptable=ENFORCEMENT
Title Description Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

NO FURTHER ACTION / CASE CLOSURE LETTER

Action Type: Leak Action
Action Date: 2/22/1994
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 2/22/1994
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 2/22/1994
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Document Type: Site Documents
Document Date: 1/27/1994
Type: CLOSURE/NO FURTHER ACTION LETTER
Title: NO FURTHER ACTION / CASE CLOSURE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600101723&enforcement_id=6323856
Size :
Submitted By: DAVID TANOUYE (REGULATOR)
Submitted:

63	1 of 1	N	0.13 / 696.41	181.94 / -1	***BERKELEY REPERTORY THEATRE*** ***2025 Addison ST*** ***CA***	***BERKELEY CUPA***

Facility ID: FA0000049

Additional Information

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: BERKELEY REPERTORY THEATRE
City: BERKELEY
Postal Address: 999 HARRISON ST
Postal Address 2:
Postal State: CA
Postal Zip: 94710

Program Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA
Owner: BERKELEY REPERTORY THEATRE
City: BERKELEY
Postal Address: 999 HARRISON ST
Postal Address 2:
Postal State: CA
Postal Zip: 94710

Program Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: BERKELEY REPERTORY THEATRE
City: BERKELEY
Postal Address: 999 HARRISON ST
Postal Address 2:
Postal State: CA
Postal Zip: 94710

64	1 of 1	W	0.13 / 697.52	164.00 / -19	***BERKELEY UNIFIED SCHOOL DISTRICT*** ***1950 ALLSTON WAY*** ***BERKELEY CA 94704***	***RCRA NON GEN***

EPA Handler ID: CAL000382178
Gen Status Universe: No Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Name: TIMOTHY WHITE
Contact Address: 1707 RUSSELL ST, , BERKELEY, CA, 94703,
Contact Phone No and Ext: 510-644-6066
Contact Email: LORENNAKAMURA@BERKELEY.NET
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 20130204

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20130204
Handler Name: BERKELEY UNIFIED SCHOOL DISTRICT
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: BERKELEY UNIFIED SCHOOL DISTRICT
Date Became Current:
Date Ended Current:
Phone: 510-644-6066
Source Type: Implementer
Street No:
Street 1: 2020 BONAR ST
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94702-1793

Owner/Operator Ind: Current Operator
Type: Other
Name: TIMOTHY WHITE
Date Became Current:
Date Ended Current:
Phone: 510-644-6066
Source Type: Implementer
Street No:
Street 1: 1707 RUSSELL ST
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94703

65	1 of 1	NNW	0.13 / 698.11	174.33 / -8	CITYOFBERKELEY 2010 Addison St Berkeley CA 94704	ALT FUELS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

ID:	158711	**CNG Dispenser No:**			
Federal Agency ID:		**CNG Fill Type Code:**			
Federal Agency:		**CNG Site Renew Src:**			
Fed Agency Name:		**CNG PSI:**			
Status:	Open: The station is open.	**CNG Storage Cap:**			
Facility Type:		**CNG Tot Compr Cap:**			
Fuel Type Code:	ELEC: Electric	**CNG Vehicle Class:**			
Owner Type Desc:		**LPG Nozzle Types:**			
Expected Date:		**LNG Site Renew Src:**			
Dt Last Confirmed:	2021-01-18	**LNG Vehicle Class:**			
Open Date:		**Hydrogen is Retail:**			
Updated at:	2021-01-18 00:19:01 UTC	**Hydrogen Pressures:**			
BD Blends:		**Hydrogen Standards:**			
NG PSI:		**Station Phone:**	888-758-4389		
NG Fill Type Code:		**Latitude:**	37.870823		
NG Fill Type Desc:		**Longitude:**	-122.26991		
NG Vehicle Class:					
NG Vehicle Class Desc:					
E85 Blender Pump:					
E85 Blender Pump Desc:					
E85 Other Ethanol Blends:					
EV Pricing:	$1.5 per hour				
EV Pricing French:					
EV on Site Renewable Source:					
LPG Primary:					
LPG Primary Desc:					
Intersection Directions:	CENT 2 RED 15; 3rd floor garage				
Geocode Status Desc:	The location is from a real GPS readout at the station.				
Hydrogen Status Link:					

66	*1 of 5*	*S*	*0.13 / 698.97*	*169.52 / -13*	***The Durant 2024 Durant AVE CA***	***BERKELEY CUPA***

Facility ID: FA0000972

Additional Information

Program Element:	4200 - HMBP	**Postal Address:**	
Billing Status:	02 - INACTIVE, NON-BILLABLE	**Postal Address 2:**	
Owner:	Brown Construction, Inc.	**Postal State:**	CA
City:	BERKELEY	**Postal Zip:**	

66	*2 of 5*	*S*	*0.13 / 698.97*	*169.52 / -13*	***VARSITY BERKELEY 2024 DURANT AVE BERKELEY CA 94704***	***RCRA NON GEN***

EPA Handler ID:	CAC002991290
Gen Status Universe:	No Report
Contact Name:	DONNA MOORE
Contact Address:	2024 DURANT AVE, , BERKELEY, CA, 94704,
Contact Phone No and Ext:	510-549-9323
Contact Email:	CWHITT@ENVLOGS.COM
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	20181130

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20181130
Handler Name:	VARSITY BERKELEY
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2024 DURANT AVE
Name:	VARSITY BERKELEY	***Street 2:***	
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-549-9323	***Country:***	
Source Type:	Implementer	***Zip Code:***	94704

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	2024 DURANT AVE
Name:	DONNA MOORE	***Street 2:***	
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-549-9323	***Country:***	
Source Type:	Implementer	***Zip Code:***	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
66	3 of 5	S	0.13 / 698.97	169.52 / -13	VARSITY APARTMENTS 2024 DURANT AVE BERKELEY CA 94704	RCRA TSD

EPA Handler ID:	CAC003013509
Gen Status Universe:	No Report
Contact Name:	DONNA LAMARCHE
Contact Address:	2024 DURANT AVE, , BERKELEY, CA, 94704,
Contact Phone No and Ext:	510-365-8447
Contact Email:	PGONZALEZ@ENVLOGS.COM
Contact Country:	
Land Type:	
County Name:	ALAMEDA
EPA Region:	09
Receive Date:	20190506

Violation/Evaluation Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Note: NO RECORDS: As of May 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Smelting, Melting and Refining:	No
Underground Injection Control:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190506
Handler Name:	VARSITY APARTMENTS
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	2024 DURANT AVE
Name:	DONNA LAMARCHE	***Street 2:***	
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-365-8447	***Country:***	
Source Type:	Implementer	***Zip Code:***	94704
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2024 DURANT AVE
Name:	VARSITY APARTMENTS	***Street 2:***	
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-365-8447	***Country:***	
Source Type:	Implementer	***Zip Code:***	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
66	4 of 5	S	0.13 / 698.97	169.52 / -13	VARSITY APARTMENTS 2024 DURANT AVE BERKELEY CA 94704	RCRA NON GEN

EPA Handler ID:	CAC003013509
Gen Status Universe:	No Report
Contact Name:	DONNA LAMARCHE
Contact Address:	2024 DURANT AVE, , BERKELEY, CA, 94704,
Contact Phone No and Ext:	510-365-8447
Contact Email:	PGONZALEZ@ENVLOGS.COM
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	20190506

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190506
Handler Name:	VARSITY APARTMENTS
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	2024 DURANT AVE
Name:	DONNA LAMARCHE	***Street 2:***	
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-365-8447	***Country:***	
Source Type:	Implementer	***Zip Code:***	94704
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2024 DURANT AVE
Name:	VARSITY APARTMENTS	***Street 2:***	
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-365-8447	***Country:***	
Source Type:	Implementer	***Zip Code:***	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
66	5 of 5	S	0.13 / 698.97	169.52 / -13	VARSITY APARTMENTS 2024 DURANT AVE BERKELEY CA 94704	RCRA NON GEN

EPA Handler ID:	CAC003063031
Gen Status Universe:	No Report
Contact Name:	EDWIN CARBOC
Contact Address:	2024 DURANT AVE, , BERKELEY, CA, 94704,
Contact Phone No and Ext:	510-258-2270
Contact Email:	ECARBOR@BMSMANAGEMENT.COM
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Land Type:
Receive Date: 20200413

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200413
Handler Name:	VARSITY APARTMENTS
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	2024 DURANT AVE
Name:	EDWIN CARBOC	**Street 2:**	
Date Became Current:		**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-258-2270	**Country:**	
Source Type:	Implementer	**Zip Code:**	94704
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2024 DURANT AVE
Name:	VARSITY APARTMENTS	**Street 2:**	
Date Became Current:		**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-258-2270	**Country:**	
Source Type:	Implementer	**Zip Code:**	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
67	1 of 1	NNW	0.13 / 706.67	175.24 / -8	2009 TO 2015 ADDISON STREET 2009 ADDISON STREET BERKELEY CA 94704	CLEANUP SITES

Global ID:	T10000008152	**Site Facility Type:**	CLEANUP PROGRAM SITE
Status:	OPEN - INACTIVE	**County:**	ALAMEDA
Status Date:	12/15/2015	**Latitude:**	37.8712
Longitude:	-122.27003		

Data Source: Cleanup Program Sites from GeoTracker Search; Cleanup Sites from GeoTracker Cleanup Sites Data Download

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No: 01S0243
Local Case No:
Begin Date: 12/15/2015
Stop Method:
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency:
Potential COC: Dichloroethane (DCA), Trichloroethylene (TCE), Benzene, Ethylbenzene, Toluene, Total Petroleum Hydrocarbons (TPH), Waste Oil / Motor / Hydraulic / Lubricating, Xylene
Potential Media of Concern: Aquifer used for drinking water supply, Soil
How Discovered:
How Discovered Description:
Stop Description:
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
DWR GW Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community: Disadvantaged Community
Site History:

CUF Case: NO
Case Worker: UUU
File Location: Regional Board

Berkeley Repertory Theater (BRT) plans to expand its current facility at 2025 Addison Street in Berkeley, California, by purchasing and developing the adjacent property to the west. The property is currently owned by Williamson Properties, and consists of three contiguous parcels that have been vacated by their previous tenants. The businesses that most recently occupied the parcels included a car repair shop, a glass company, and an auto body shop.

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type: RESPONSE
Date : 1994-10-21 00:00:00
Action: Other Report / Document

Action Type: RESPONSE
Date : 1991-04-23 00:00:00
Action: Site Assessment Report

Action Type: RESPONSE
Date : 1991-01-31 00:00:00
Action: Other Report / Document

Action Type: RESPONSE
Date : 1990-12-12 00:00:00
Action: Preliminary Site Assessment Report

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Open - Case Begin Date
Status Date: 2015-12-15 00:00:00

Status: Open - Inactive
Status Date: 2015-12-15 00:00:00

Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Phone No:
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Email:

Address: 1515 CLAY ST SUITE 1400
City: OAKLAND

Cleanup Program Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Project Status:
CUF Claim:
CUF Priority Assign:

WDR Place Type:
WDR File:
WDR Order:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CUF Amount Paid: ***File Location:*** REGIONAL BOARD
Facility Type: ***Composting Method:***
User Defined Beneficial Use:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T10000008152
Cleanup Status Detail: OPEN - INACTIVE AS OF 12/15/2015
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T10000008152&tabname=regulatoryhistory
Potential COC: BENZENE, DICHLOROETHANE (DCA), ETHYLBENZENE, TOLUENE, TOTAL PETROLEUM HYDROCARBONS (TPH), TRICHLOROETHYLENE (TCE), WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING, XYLENE
Potential Media of Concern: AQUIFER USED FOR DRINKING WATER SUPPLY, SOIL
GW Monitoring Freq:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN FRANCISCO BAY RWQCB (REGION 2) (LEAD) - CASE #: 01S0243
CASEWORKER: Regional Water Board
Site History:

Berkeley Repertory Theater (BRT) plans to expand its current facility at 2025 Addison Street in Berkeley, California, by purchasing and developing the adjacent property to the west. The property is currently owned by Williamson Properties, and consists of three contiguous parcels that have been vacated by their previous tenants. The businesses that most recently occupied the parcels included a car repair shop, a glass company, and an auto body shop.

Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Response Requested - Other
Action Date: 10/21/1994
Received Issue Date: 10/21/1994
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000008152&doc_id=5891148
Title Description Comments:

Final Report Sumps and Hydraulic Hoists Removal Soil and Groundwater Remediation

Action Type: Response Requested - Reports
Action Date: 4/23/1991
Received Issue Date: 4/23/1991
Action: Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000008152&doc_id=5891141
Title Description Comments:

Action Type: Response Requested - Other
Action Date: 1/31/1991
Received Issue Date: 1/31/1991
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000008152&doc_id=5891146
Title Description Comments:

New Case Data Sheet

Action Type: Response Requested - Other
Action Date: 1/31/1991
Received Issue Date: 1/31/1991
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000008152&doc_id=5891145
Title Description Comments:

Chemical Test Confirmations

Action Type: Response Requested - Reports

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 12/12/1990
Received Issue Date: 12/12/1990
Action: Preliminary Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T10000008152&doc_id=5891147
Title Description Comments:

Preliminary Soil Contamination Assessment

Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Document Type: Site Documents
Document Date: 10/21/1994
Size :
Title: FINAL REPORT SUMPS AND HYDRAULIC HOISTS REMOVAL SOIL AND GROUNDWATER REMEDIATION - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000008152&document_id=5891148
Type: OTHER REPORT / DOCUMENT
Submitted:
Submitted By: HOLLUND RUDOLPH (REGULATOR)

Document Type: Site Documents
Document Date: 4/23/1991
Size :
Title: UNKNOWN - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000008152&document_id=5891141
Type: SITE ASSESSMENT REPORT
Submitted:
Submitted By: HOLLUND RUDOLPH (REGULATOR)

Document Type: Site Documents
Document Date: 1/31/1991
Size :
Title: CHEMICAL TEST CONFIRMATIONS - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000008152&document_id=5891145
Type: OTHER REPORT / DOCUMENT
Submitted:
Submitted By: HOLLUND RUDOLPH (REGULATOR)

Document Type: Site Documents
Document Date: 1/31/1991
Size :
Title: NEW CASE DATA SHEET - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000008152&document_id=5891146
Type: OTHER REPORT / DOCUMENT
Submitted:
Submitted By: HOLLUND RUDOLPH (REGULATOR)

Document Type: Site Documents
Document Date: 12/12/1990
Size :
Title: PRELIMINARY SOIL CONTAMINATION ASSESSMENT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T10000008152&document_id=5891147
Type: PRELIMINARY SITE ASSESSMENT REPORT
Submitted:
Submitted By: HOLLUND RUDOLPH (REGULATOR)

Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Open - Case Begin Date
Date : 12/15/2015

Status: Open - Inactive
Date : 12/15/2015

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
68	1 of 1	SSW	0.14 / 719.02	166.62 / -16	STUART PRATT MANOR 2020 DURANT AVE, UNIT 201 BERKELEY CA 94704	RCRA NON GEN

EPA Handler ID: CAC002989026
Gen Status Universe: No Report
Contact Name: SHALONDA JONES
Contact Address: 2020 DURANT AVE, UNIT 201, , BERKELEY, CA, 94704,
Contact Phone No and Ext: 510-647-0700
Contact Email: RMICHEL@RMC.COM
Contact Country:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	20181113

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20181113
Handler Name:	STUART PRATT MANOR
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2020 DURANT AVE, UNIT 201
Name:	SHALONDA JONES	**Street 2:**	
Date Became Current:		**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-647-0700	**Country:**	
Source Type:	Implementer	**Zip Code:**	94704

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	2020 DURANT AVE, UNIT 201
Name:	SHALONDA JONES	**Street 2:**	
Date Became Current:		**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-647-0700	**Country:**	
Source Type:	Implementer	**Zip Code:**	94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
69	1 of 1	NW	0.14 / 727.89	174.93 / -8	BERKELEY GLASS 2011 ADDISON ST BERKELEY CA 94704	LUST

Global ID:	T0600100178	**County:**	ALAMEDA
Status:	COMPLETED - CASE CLOSED	**Latitude:**	37.8709801
Status Date:	6/25/1999	**Longitude:**	-122.2698686
Case Type:	LUST CLEANUP SITE		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Source: LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No: 01-0191
Local Case No: 01-0191
Begin Date: 7/13/1987
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency: BERKELEY, CITY OF
CUF Case: NO
Potential COC: Gasoline
How Discovered: Tank Closure
Stop Method:
Stop Description:
Case Worker: UUU
File Location:
Potential Media of Concern: Soil
How Discovered Description:
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
DWR GW Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community: Disadvantaged Community
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type: RESPONSE
Date : 11/29/1993
Action: Other Report / Document

Action Type: RESPONSE
Date : 10/27/1993
Action: Correspondence

Action Type: ENFORCEMENT
Date : 10/19/1993
Action: Staff Letter

Action Type: RESPONSE
Date : 10/12/1993
Action: Correspondence

Action Type: RESPONSE
Date : 10/12/1993
Action: Other Report / Document

Action Type: RESPONSE
Date : 7/21/1993
Action: Corrective Action Plan / Remedial Action Plan

Action Type: ENFORCEMENT
Date : 6/15/1993
Action: Staff Letter

Action Type: RESPONSE
Date : 1/28/1993
Action: Soil and Water Investigation Report

Action Type: RESPONSE
Date : 11/3/1992
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 7/17/1990
Action: Technical Correspondence / Assistance / Other

Action Type: Other
Date : 7/13/1987
Action: Leak Discovery

Action Type: Other
Date : 7/13/1987

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Leak Reported

Action Type: Other
Date : 7/13/1987
Action: Leak Stopped

Action Type: RESPONSE
Date : 7/6/1987
Action: Unauthorized Release Form

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
City: BERKELEY
Organization Name: BERKELEY, CITY OF
Address: 2118 MILVIA STREET 3RD FLOOR
Email: gfiedler@ci.berkeley.ca.us
Phone No:

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Completed - Case Closed
Status Date: 6/25/1999

Status: Open - Site Assessment
Status Date: 7/15/1993

Status: Open - Case Begin Date
Status Date: 7/13/1987

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: BERKELEY GLASS
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 2011 ADDISON ST
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600100178
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 6/25/1999
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600100178&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN FRANCISCO BAY RWQCB (REGION 2) (LEAD) - CASE #: 01-0191
CASEWORKER: Regional Water Board
BERKELEY, CITY OF - CASE #: 01-0191
CASEWORKER: GEOFFERY FIEDLER
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 6/25/1999

Status: Open - Site Assessment
Date : 7/15/1993

Status: Open - Case Begin Date
Date : 7/13/1987

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Response Requested - Other
Action Date: 11/29/1993
Received Issue Date: 11/29/1993
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100178&doc_id=5908135
Title Description Comments:

EVALUATION OF CONFIRMATION TESTING OF BUILDINGS

Action Type: Response Requested - Other
Action Date: 10/27/1993
Received Issue Date: 10/27/1993
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100178&doc_id=5908136
Title Description Comments:

COMMENTS ON ADDENDUM TO SUBSURFACE REMEDIATION PROPOSAL

Action Type: Other Regulatory Actions
Action Date: 10/19/1993
Received Issue Date: 10/19/1993
Action: Staff Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&enforcement_id=6307045&temptable=ENFORCEMENT
Title Description Comments:

APPROVAL OF WORK PLAN AMENDMENTS

Action Type: Response Requested - Other
Action Date: 10/12/1993
Received Issue Date: 10/12/1993
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100178&doc_id=5908103
Title Description Comments:

AMENDMENT TO REMEDIATION WORK PLAN

Action Type: Response Requested - Other
Action Date: 10/12/1993
Received Issue Date: 10/12/1993
Action: Correspondence
Doc Link:
Title Description Comments:

AMENDMENT TO REMEDIATION WORK PLAN

Action Type: Response Requested - Other
Action Date: 10/12/1993

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Received Issue Date: 10/12/1993
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100178&doc_id=5908104
Title Description Comments:

COMMENTS ON SUBSURFACE CONSULTANTS WORK PLAN AMENDMENT

Action Type: Response Requested - Workplans
Action Date: 7/21/1993
Received Issue Date: 7/21/1993
Action: Corrective Action Plan / Remedial Action Plan
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100178&doc_id=5908114
Title Description Comments:

WORK PLAN FOR REMEDIATION OF SOIL AND GROUNDWWATER

Action Type: Other Regulatory Actions
Action Date: 6/15/1993
Received Issue Date: 6/15/1993
Action: Staff Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&enforcement_id=6307061&temptable=ENFORCEMENT
Title Description Comments:

REQUIREMENT FOR WORK PLAN

Action Type: Response Requested - Reports
Action Date: 1/28/1993
Received Issue Date: 1/28/1993
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100178&doc_id=5907292
Title Description Comments:

GROUNDWATER INVESTIGATION REPORT FOR PROPOSED BERKELEY REPERTORY THEATER

Action Type: Response Requested - Other
Action Date: 11/3/1992
Received Issue Date: 11/3/1992
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100178&doc_id=5908106
Title Description Comments:

CHAIN OF CUSTODY FORM

Action Type: Other Regulatory Actions
Action Date: 7/17/1990
Received Issue Date: 7/17/1990
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&enforcement_id=6307062&temptable=ENFORCEMENT
Title Description Comments:

FUEL LEAK CASE FORM

Action Type: Response Requested - Other
Action Date: 7/6/1987
Received Issue Date: 7/6/1987
Action: Unauthorized Release Form
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100178&doc_id=5908116
Title Description Comments:

UST UNAUTHORIZED RELEASE FORM CONTAMINATION REPORT

Action Type: Leak Action

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Date: 7/13/1987
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 7/13/1987
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 7/13/1987
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Document Type: Site Documents ***Size :***
Document Date: 11/29/1993 ***Submitted By:*** DAVID TANOUYE (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: EVALUATION OF CONFIRMATION TESTING OF BUILDINGS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&document_id=5908135

Document Type: Site Documents ***Size :***
Document Date: 10/27/1993 ***Submitted By:*** DAVID TANOUYE (REGULATOR)
Type: CORRESPONDENCE ***Submitted:***
Title: COMMENTS ON ADDENDUM TO SUBSURFACE REMEDIATION PROPOSAL
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&document_id=5908136

Document Type: Site Documents ***Size :***
Document Date: 10/19/1993 ***Submitted By:*** DAVID TANOUYE (REGULATOR)
Type: STAFF LETTER ***Submitted:***
Title: APPROVAL OF WORK PLAN AMENDMENTS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&enforcement_id=6307045

Document Type: Site Documents ***Size :***
Document Date: 10/12/1993 ***Submitted By:*** DAVID TANOUYE (REGULATOR)
Type: CORRESPONDENCE ***Submitted:***
Title: COMMENTS ON SUBSURFACE CONSULTANTS WORK PLAN AMENDMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&document_id=5908104

Document Type: Site Documents ***Size :***
Document Date: 10/12/1993 ***Submitted By:*** DAVID TANOUYE (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: AMENDMENT TO REMEDIATION WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&document_id=5908103

Document Type: Site Documents ***Size :***
Document Date: 7/21/1993 ***Submitted By:*** DAVID TANOUYE (REGULATOR)
Type: CORRECTIVE ACTION PLAN / REMEDIAL ACTION PLAN ***Submitted:***
Title: WORK PLAN FOR REMEDIATION OF SOIL AND GROUNDWWATER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&document_id=5908114

Document Type: Site Documents ***Size :***
Document Date: 6/15/1993 ***Submitted By:*** DAVID TANOUYE (REGULATOR)
Type: STAFF LETTER ***Submitted:***
Title: REQUIREMENT FOR WORK PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&enforcement_id=6307061

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Site Documents — **Size :**
Document Date: 1/28/1993 — **Submitted By:** DAVID TANOUYE (REGULATOR)
Type: SOIL AND WATER INVESTIGATION REPORT — **Submitted:**
Title: GROUNDWATER INVESTIGATION REPORT FOR PROPOSED BERKELEY REPERTORY THEATER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&document_id=5907292

Document Type: Site Documents — **Size :**
Document Date: 11/3/1992 — **Submitted By:** DAVID TANOUYE (REGULATOR)
Type: OTHER REPORT / DOCUMENT — **Submitted:**
Title: CHAIN OF CUSTODY FORM
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&document_id=5908106

Document Type: Site Documents — **Size :**
Document Date: 7/17/1990 — **Submitted By:** DAVID TANOUYE (REGULATOR)
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER — **Submitted:**
Title: FUEL LEAK CASE FORM
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&enforcement_id=6307062

Document Type: Site Documents — **Size :**
Document Date: 7/6/1987 — **Submitted By:** DAVID TANOUYE (REGULATOR)
Type: UNAUTHORIZED RELEASE FORM — **Submitted:**
Title: UST UNAUTHORIZED RELEASE FORM CONTAMINATION REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100178&document_id=5908116

70	1 of 1	NE	0.14 / 736.87	196.92 / 14	**UC Berkeley - Berkeley Art Museum (BAM/PFA)** **2155 Center ST** **CA**	BERKELEY CUPA

Facility ID: FA0001109

Additional Information

Program Element: 4200 - HMBP — **Postal Address:** c/o UC Berkeley, Office of EH&S, 317 University Ha
Billing Status: 01 - ACTIVE, CUPA — **Postal Address 2:** ll MC 1150
Owner: Regents of University of California — **Postal State:** CA
City: Berkeley — **Postal Zip:** 94720

71	1 of 3	NNE	0.14 / 738.65	192.47 / 10	**WESTERN DENTAL SERVICES, INC.** **115 BERKELEY SQ** **CA**	BERKELEY CUPA

Facility ID: FA0000923

Additional Information

Program Element: 4200 - HMBP — **Postal Address:**
Billing Status: 02 - INACTIVE, NON-BILLABLE — **Postal Address 2:**
Owner: Premier Dental Holdings, Inc. — **Postal State:** CA
City: BERKELEY — **Postal Zip:**

Program Element: 4400 - HAZ WASTE GENERATOR — **Postal Address:**
Billing Status: 02 - INACTIVE, NON-BILLABLE — **Postal Address 2:**
Owner: Premier Dental Holdings, Inc. — **Postal State:** CA
City: BERKELEY — **Postal Zip:**

71	2 of 3	NNE	0.14 / 738.65	192.47 / 10	**WESTERN DENTAL SERVICES, INC** **115 Berkeley SQ** **CA**	BERKELEY CUPA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID: FA0000341

Additional Information

Program Element:	SW02 - STORMWATER	**Postal Address:**	530 S. Main St
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	Western Dental Services, Inc.	**Postal State:**	CA
City:	Orange	**Postal Zip:**	92868
Program Element:	4200 - HMBP	**Postal Address:**	530 S. Main St
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	Western Dental Services, Inc.	**Postal State:**	CA
City:	Orange	**Postal Zip:**	92868
Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	530 S. Main St
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	Western Dental Services, Inc.	**Postal State:**	CA
City:	Orange	**Postal Zip:**	92868

71	3 of 3	NNE	0.14 / 738.65	192.47 / 10	**WESTERN DENTAL SERVICES, INC.** **115 BERKELEY SQ** **BERKELEY CA 94704-1206**	**RCRA NON GEN**

EPA Handler ID: CAL000100721
Gen Status Universe: No Report
Contact Name: KAREN NGUYEN
Contact Address: 530 S MAIN ST, , ORANGE, CA, 92868-0000,
Contact Phone No and Ext: 714-571-3564
Contact Email: KNGUYEN@WESTERNDENTAL.COM
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 19950505

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19950505

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Name: WESTERN DENTAL SERVICES, INC.
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: WESTERN DENTAL SERVICES, INC
Date Became Current:
Date Ended Current:
Phone: 714-480-3000
Source Type: Implementer
Street No:
Street 1: 530 S MAIN STREET
Street 2:
City: ORANGE
State: CA
Country:
Zip Code: 92868-0000

Owner/Operator Ind: Current Operator
Type: Other
Name: KAREN NGUYEN
Date Became Current:
Date Ended Current:
Phone: 714-571-3564
Source Type: Implementer
Street No:
Street 1: 530 S MAIN ST
Street 2:
City: ORANGE
State: CA
Country:
Zip Code: 92868-0000

72	1 of 1	SSE	0.15 / 772.25	181.00 / -2	REGGIE JACKSON CHEVROLET 2349 SHATTUCK AVE BERKELEY CA 94704	RCRA SQG

EPA Handler ID: CAD982478802
Gen Status Universe: Small Quantity Generator
Contact Name:
Contact Address: US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 19960901

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sequence No: 1
Receive Date: 19960901
Handler Name: REGGIE JACKSON CHEVROLET
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: County
Name: NOT REQUIRED
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Owner/Operator Ind: Current Owner
Type: County
Name: REGGIES CARS INC
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

73	1 of 2	W	0.15 / 776.00	161.23 / -22	BERKELEY UNIFIED SCHOOL DISTRICT 1930 ALLSTON WAY BERKELEY CA 94704	RCRA NON GEN

EPA Handler ID: CAC003067887
Gen Status Universe: No Report
Contact Name: BERKELEY UNIFIED SCHOOL DISTRICT
Contact Address: 1707 RUSSELL STREET, , BERKELEY, CA, 94703,
Contact Phone No and Ext: 510-644-6066
Contact Email: CHANITASTEVENSON@BERKELEY.NET
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 20200522

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200522
Handler Name:	BERKELEY UNIFIED SCHOOL DISTRICT
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1707 RUSSELL STREET
Name:	BERKELEY UNIFIED SCHOOL DISTRICT	***Street 2:***	
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-644-6066	***Country:***	
Source Type:	Implementer	***Zip Code:***	94703
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2020 BONAR STREET
Name:	BERKELEY TROY	***Street 2:***	
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-644-6206	***Country:***	
Source Type:	Implementer	***Zip Code:***	94702

73	*2 of 2*	*W*	*0.15 / 776.00*	*161.23 / -22*	***BERKELEY UNIFIED SCHOOL DISTRICT 1930 ALLSTON WAY BERKELEY CA 94704***	***RCRA NON GEN***

EPA Handler ID:	CAC003085922
Gen Status Universe:	No Report
Contact Name:	BERKELEY UNIFIED SCHOOL DISTRICT
Contact Address:	1707 RUSSELL STREET, , BERKELEY, CA, 94703,
Contact Phone No and Ext:	510-644-6066
Contact Email:	CHANITASTEVENSON@BERKELEY.NET
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	20200928

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20200928
Handler Name: BERKELEY UNIFIED SCHOOL DISTRICT
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: BERKELEY SCHACK
Date Became Current:
Date Ended Current:
Phone: 510-644-6206
Source Type: Implementer
Street No:
Street 1: 2020 BONAR STREET
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94702

Owner/Operator Ind: Current Operator
Type: Other
Name: BERKELEY UNIFIED SCHOOL DISTRICT
Date Became Current:
Date Ended Current:
Phone: 510-644-6066
Source Type: Implementer
Street No:
Street 1: 1707 RUSSELL STREET
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94703

74	1 of 1	ENE	0.15 / 785.24	202.89 / 20	CAHILL CONTRACTORS, INC. 2200 OXFORD ST CA	BERKELEY CUPA

Facility ID: FA0000618

Additional Information

Program Element: 4200 - HMBP
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner:
City: (none)
Postal Address:
Postal Address 2:
Postal State:
Postal Zip:

75	1 of 2	SE	0.15 / 787.34	187.90 / 5	TOYOTA OF BERKELEY-DETAIL SHOP 2112 Durant AVE CA	BERKELEY CUPA

Facility ID: FA0000652

Additional Information

Program Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA
Owner: Southwick Inc
City: BERKELEY
Postal Address: 2400 SHATTUCK AVE
Postal Address 2:
Postal State: CA
Postal Zip: 94710

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: Southwick Inc
City: BERKELEY
Postal Address: 2400 SHATTUCK AVE
Postal Address 2:
Postal State: CA
Postal Zip: 94710

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Program Element:	4400 - HAZ WASTE GENERATOR	**Postal Address:**	2400 SHATTUCK AVE
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	Southwick Inc	**Postal State:**	CA
City:	BERKELEY	**Postal Zip:**	94710

75	2 of 2	SE	0.15 / 787.34	187.90 / 5	**TOYOTA OF BERKELEY** **2112 DURANT AVE** **BERKELEY CA 94704-0000**	**RCRA NON GEN**

EPA Handler ID:	CAL000091508
Gen Status Universe:	No Report
Contact Name:	DAVE SANDINO
Contact Address:	2400 SHATTUCK AVE, , BERKELEY, CA, 94704,
Contact Phone No and Ext:	510-845-2530
Contact Email:	DAVES@TOYOTAOFBERKELEY.COM
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	19940223

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19940223
Handler Name:	TOYOTA OF BERKELEY
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	2400 SHATTUCK AVENUE
Name:	TIMOTHY K SOUTHWICK	**Street 2:**	
Date Became Current:		**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-845-2530	**Country:**	
Source Type:	Implementer	**Zip Code:**	94704-2023

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	2400 SHATTUCK AVE
Name:	DAVE SANDINO	**Street 2:**	
Date Became Current:		**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-845-2530	**Country:**	
Source Type:	Implementer	**Zip Code:**	94704

76	1 of 8	SSE	0.15 / 790.60	179.58 / -3	**BERKELEY LINCOLN MERCURY SALES INC** **2352 SHATTUCK AVE** **BERKELEY CA 94704**	RCRA SQG

EPA Handler ID:	CAD981446693
Gen Status Universe:	Small Quantity Generator
Contact Name:	
Contact Address:	US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	19960901

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19960901
Handler Name:	BERKELEY LINCOLN MERCURY SALES INC
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	GEORGE MARTINSON	**Street 2:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	ME
Phone:	415-555-1212	**Country:**	
Source Type:	Implementer	**Zip Code:**	99999
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Private	**Street 1:**	NOT REQUIRED
Name:	NOT REQUIRED	**Street 2:**	
Date Became Current:		**City:**	NOT REQUIRED
Date Ended Current:		**State:**	ME
Phone:	415-555-1212	**Country:**	
Source Type:	Implementer	**Zip Code:**	99999

76	2 of 8	SSE	0.15 / 790.60	179.58 / -3	**BERKELEY LINCOLN MERCURY** **2352 SHATTUCK AVE** **BERKELEY CA 94704**	LUST

Global ID:	T0600100183	**County:**	ALAMEDA
Status:	COMPLETED - CASE CLOSED	**Latitude:**	37.866744
Status Date:	10/10/1989	**Longitude:**	-122.267167
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No:	01-0196	**Potential COC:**	Gasoline
Local Case No:	01-0196	**How Discovered:**	Tank Closure
Begin Date:	11/5/1987	**Stop Method:**	
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)	**Stop Description:**	
Local Agency:	BERKELEY, CITY OF	**Case Worker:**	UUU
CUF Case:	NO	**File Location:**	
Potential Media of Concern:	Other Groundwater (uses other than drinking water)		
How Discovered Description:			
Calwater Watershed Name:	Bay Bridges - Berkeley (203.30)		
DWR GW Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)		
Disadvantaged Community:			
Site History:			

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type:	RESPONSE
Date :	11/12/1991
Action:	Remedial Progress Report
Action Type:	RESPONSE
Date :	11/8/1990
Action:	Correspondence
Action Type:	RESPONSE
Date :	7/18/1990
Action:	Correspondence
Action Type:	RESPONSE
Date :	6/20/1990
Action:	Soil and Water Investigation Report
Action Type:	RESPONSE
Date :	5/25/1990
Action:	Monitoring Report - Quarterly
Action Type:	RESPONSE
Date :	4/19/1990
Action:	Other Report / Document

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: RESPONSE
Date : 3/8/1990
Action: Site Assessment Report

Action Type: RESPONSE
Date : 1/3/1990
Action: Soil Vapor Intrusion Investigation Report

Action Type: RESPONSE
Date : 12/5/1989
Action: Correspondence

Action Type: RESPONSE
Date : 8/22/1989
Action: Preliminary Site Assessment Report

Action Type: Other
Date : 11/5/1987
Action: Leak Stopped

Action Type: Other
Date : 11/5/1987
Action: Leak Reported

Action Type: Other
Date : 11/5/1987
Action: Leak Discovery

Action Type: RESPONSE
Date : 2/10/1987
Action: Unauthorized Release Form

Action Type: RESPONSE
Date : 1/30/1987
Action: Soil and Water Investigation Report

Action Type: ENFORCEMENT
Date : 1/14/1987
Action: Other Report

Action Type: RESPONSE
Date : 1/5/1987
Action: Other Report / Document

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
City: BERKELEY
Organization Name: BERKELEY, CITY OF
Address: 2118 MILVIA STREET 3RD FLOOR
Email: gfiedler@ci.berkeley.ca.us
Phone No:

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Completed - Case Closed
Status Date: 10/10/1989

Status: Open - Site Assessment
Status Date: 1/10/1989

Status: Open - Case Begin Date
Status Date: 11/5/1987

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: BERKELEY LINCOLN MERCURY
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 2352 SHATTUCK AVE
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600100183
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 10/10/1989
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600100183&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN FRANCISCO BAY RWQCB (REGION 2) (LEAD) - CASE #: 01-0196
CASEWORKER: Regional Water Board
BERKELEY, CITY OF - CASE #: 01-0196
CASEWORKER: GEOFFERY FIEDLER
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 10/10/1989

Status: Open - Site Assessment
Date : 1/10/1989

Status: Open - Case Begin Date
Date : 11/5/1987

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Response Requested - Reports
Action Date: 11/12/1991
Received Issue Date: 11/12/1991
Action: Remedial Progress Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100183&doc_id=6000458
Title Description Comments:

Current Mitigation Status Report

Action Type: Response Requested - Other
Action Date: 11/8/1990
Received Issue Date: 11/8/1990
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100183&doc_id=6000468
Title Description Comments:

Disposal of Purge Water

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: Response Requested - Other
Action Date: 7/18/1990
Received Issue Date: 7/18/1990
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100183&doc_id=6000464
Title Description Comments:

GLM Real Estate Services Inc Site

Action Type: Response Requested - Reports
Action Date: 6/20/1990
Received Issue Date: 6/20/1990
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100183&doc_id=6000463
Title Description Comments:

Exploratory Trenching Program

Action Type: Response Requested - Reports
Action Date: 5/25/1990
Received Issue Date: 5/25/1990
Action: Monitoring Report - Quarterly
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100183&doc_id=6000454
Title Description Comments:

Quarterly Monitoring Results

Action Type: Response Requested - Other
Action Date: 4/19/1990
Received Issue Date: 4/19/1990
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100183&doc_id=6000461
Title Description Comments:

Site Maps

Action Type: Response Requested - Reports
Action Date: 3/8/1990
Received Issue Date: 3/8/1990
Action: Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100183&doc_id=6000448
Title Description Comments:

Phase IV Site Assessment

Action Type: Response Requested - Reports
Action Date: 1/3/1990
Received Issue Date: 1/3/1990
Action: Soil Vapor Intrusion Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100183&doc_id=6000453
Title Description Comments:

Results of Soil Gas Survey

Action Type: Response Requested - Other
Action Date: 12/5/1989
Received Issue Date: 12/5/1989
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100183&doc_id=6000469
Title Description Comments:

Site Assessment Letter

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: Response Requested - Reports
Action Date: 8/22/1989
Received Issue Date: 8/22/1989
Action: Preliminary Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100183&doc_id=6000462
Title Description Comments:

Preliminary Site Assessment

Action Type: Response Requested - Other
Action Date: 2/10/1987
Received Issue Date: 2/10/1987
Action: Unauthorized Release Form
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100183&doc_id=6000466
Title Description Comments:

Underground Storage Tank Unauthorized Release Report

Action Type: Response Requested - Reports
Action Date: 1/30/1987
Received Issue Date: 1/30/1987
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100183&doc_id=6000452
Title Description Comments:

Sampling Report

Action Type: Reports
Action Date: 1/14/1987
Received Issue Date: 1/14/1987
Action: Other Report
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&enforcement_id=6410411&temptable=ENFORCEMENT
Title Description Comments:

Notification of Hazardous Waste Discharge

Action Type: Response Requested - Other
Action Date: 1/5/1987
Received Issue Date: 1/5/1987
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100183&doc_id=6000467
Title Description Comments:

Sampling Report

Action Type: Leak Action
Action Date: 11/5/1987
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 11/5/1987
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 11/5/1987

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Document Type: Site Documents ***Size :***
Document Date: 11/12/1991 ***Submitted By:*** TORREN CAMPBELL (REGULATOR)
Type: REMEDIAL PROGRESS REPORT ***Submitted:***
Title: CURRENT MITIGATION STATUS REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&document_id=6000458

Document Type: Site Documents ***Size :***
Document Date: 11/8/1990 ***Submitted By:*** TORREN CAMPBELL (REGULATOR)
Type: CORRESPONDENCE ***Submitted:***
Title: DISPOSAL OF PURGE WATER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&document_id=6000468

Document Type: Site Documents ***Size :***
Document Date: 7/18/1990 ***Submitted By:*** TORREN CAMPBELL (REGULATOR)
Type: CORRESPONDENCE ***Submitted:***
Title: GLM REAL ESTATE SERVICES INC SITE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&document_id=6000464

Document Type: Site Documents ***Size :***
Document Date: 6/20/1990 ***Submitted By:*** TORREN CAMPBELL (REGULATOR)
Type: SOIL AND WATER INVESTIGATION REPORT ***Submitted:***
Title: EXPLORATORY TRENCHING PROGRAM
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&document_id=6000463

Document Type: Monitoring Reports ***Size :*** 870 KB
Document Date: 5/25/1990 ***Submitted By:*** TORREN CAMPBELL (REGULATOR)
Type: MONITORING REPORT - QUARTERLY ***Submitted:***
Title: QUARTERLY MONITORING RESULTS -
Title Link: http://geotracker.waterboards.ca.gov/regulators/deliverable_documents/4279488682/01%2D0196%20Quarterly%20Monitoring%20Results%2005251990%2Epdf

Document Type: Site Documents ***Size :***
Document Date: 4/19/1990 ***Submitted By:*** TORREN CAMPBELL (REGULATOR)
Type: OTHER REPORT / DOCUMENT ***Submitted:***
Title: SITE MAPS
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&document_id=6000461

Document Type: Site Documents ***Size :***
Document Date: 3/8/1990 ***Submitted By:*** TORREN CAMPBELL (REGULATOR)
Type: SITE ASSESSMENT REPORT ***Submitted:***
Title: PHASE IV SITE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&document_id=6000448

Document Type: Site Documents ***Size :***
Document Date: 1/3/1990 ***Submitted By:*** TORREN CAMPBELL (REGULATOR)
Type: SOIL VAPOR INTRUSION INVESTIGATION REPORT ***Submitted:***
Title: RESULTS OF SOIL GAS SURVEY
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&document_id=6000453

Document Type: Site Documents ***Size :***
Document Date: 12/5/1989 ***Submitted By:*** TORREN CAMPBELL (REGULATOR)
Type: CORRESPONDENCE ***Submitted:***
Title: SITE ASSESSMENT LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&document_id=6000469

Document Type: Site Documents ***Size :***
Document Date: 8/22/1989 ***Submitted By:*** TORREN CAMPBELL (REGULATOR)
Type: PRELIMINARY SITE ASSESSMENT REPORT ***Submitted:***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title: PRELIMINARY SITE ASSESSMENT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&document_id=6000462

Document Type: Site Documents
Document Date: 2/10/1987
Type: UNAUTHORIZED RELEASE FORM
Size :
Submitted By: TORREN CAMPBELL (REGULATOR)
Submitted:
Title: UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&document_id=6000466

Document Type: Site Documents
Document Date: 1/30/1987
Type: SOIL AND WATER INVESTIGATION REPORT
Size :
Submitted By: TORREN CAMPBELL (REGULATOR)
Submitted:
Title: SAMPLING REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&document_id=6000452

Document Type: Site Documents
Document Date: 1/14/1987
Type: OTHER REPORT
Size :
Submitted By: TORREN CAMPBELL (REGULATOR)
Submitted:
Title: NOTIFICATION OF HAZARDOUS WASTE DISCHARGE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&enforcement_id=6410411

Document Type: Site Documents
Document Date: 1/5/1987
Type: OTHER REPORT / DOCUMENT
Size :
Submitted By: TORREN CAMPBELL (REGULATOR)
Submitted:
Title: SAMPLING REPORT
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100183&document_id=6000467

76	3 of 8	SSE	0.15 / 790.60	179.58 / -3	NONE 2352 SHATTUCK AVENUE BERKELEY CA 94704	HHSS

County:
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035feb.pdf

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76	4 of 8	SSE	0.15 / 790.60	179.58 / -3	Staples the Office Superstore #1458 2352 Shattuck Ave CA	BERKELEY CUPA

Facility ID: FA0001024

Additional Information

Program Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: Staples the Office Superstore East Inc
City: Framingham
Postal Address: 500 Staples Drive
Postal Address 2:
Postal State: MA
Postal Zip: 01702

Program Element: SW02 - STORMWATER
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: Staples the Office Superstore East Inc
City: Framingham
Postal Address: 500 Staples Drive
Postal Address 2:
Postal State: MA
Postal Zip: 01702

76	5 of 8	SSE	0.15 / 790.60	179.58 / -3	BERKELEY LINCOLN-MERCURY SALES 2352 SHATTUCK AVENUE BERKELEY CA	HIST TANK

Owner Name: GEORGE MARTINSON
Owner Street: 1110 BURNETT AVENUE SUITE D
Owner City: CONCORD
Owner State: CA
Owner Zip: 94505
No of Containers: 5
County: ALAMEDA
Facility State: CA
Facility Zip: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
76	6 of 8	SSE	0.15 / 790.60	179.58 / -3	STAPLES THE OFFICE SUPERSTORE EAST INC STORE 1458 2352 SHATTUCK AVE BERKELEY CA 94704	RCRA NON GEN

EPA Handler ID: CAL000390688
Gen Status Universe: No Report
Contact Name: KEITH BARROWS
Contact Address: 500 STAPLES DR, , FRAMINGHAM, MA, 01702,
Contact Phone No and Ext: 508-253-1498
Contact Email: KEITH.BARROWS@STAPLES.COM
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 20131101

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20131101
Handler Name: STAPLES THE OFFICE SUPERSTORE EAST INC STORE 1458
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: KEITH BARROWS
Date Became Current:
Date Ended Current:
Phone: 508-253-1498
Source Type: Implementer

Street No:
Street 1: 500 STAPLES DR
Street 2:
City: FRAMINGHAM
State: MA
Country:
Zip Code: 01702

Owner/Operator Ind: Current Owner
Street No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	500 STAPLES DR
Name:	STAPLES THE OFFICE SUPERSTORE E INC	**Street 2:**	
Date Became Current:		**City:**	FRAMINGHAM
Date Ended Current:		**State:**	MA
Phone:	508-253-1498	**Country:**	
Source Type:	Implementer	**Zip Code:**	01702

76	7 of 8	SSE	0.15 / 790.60	179.58 / -3	CA-AG LOGAN PARK, LLC 2352 SHATTUCK AVENUE BERKELEY CA 94704	RCRA NON GEN

EPA Handler ID:	CAC003064004
Gen Status Universe:	No Report
Contact Name:	JOE SUGIYAMA
Contact Address:	139 EAST RANDOLPH STREET, SUITE 210, , CHICAGO, IL, 60601,
Contact Phone No and Ext:	312-994-0870
Contact Email:	JSUGIYAMA@CA-VENTURES.COM
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	20200421

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20200421
Handler Name:	CA-AG LOGAN PARK, LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	139 EAST RANDOLPH STREET, SUITE 210
Name:	CA-AG LOAN PARK, LLC	**Street 2:**	
Date Became Current:		**City:**	CHICAGO
Date Ended Current:		**State:**	IL
Phone:	312-994-0870	**Country:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Source Type:	Implementer	**Zip Code:**	60601
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	139 EAST RANDOLPH STREET, SUITE 210
Name:	JOE SUGIYAMA	**Street 2:**	
Date Became Current:		**City:**	CHICAGO
Date Ended Current:		**State:**	IL
Phone:	312-994-0870	**Country:**	
Source Type:	Implementer	**Zip Code:**	60601

76	8 of 8	SSE	0.15 / 790.60	179.58 / -3	**CA/AG LOGAN PARK PROPERTY OWNER, LLC** **2352 SHATTUCK AVE** **BERKELEY CA 94704**	RCRA NON GEN

EPA Handler ID:	CAC003048022
Gen Status Universe:	No Report
Contact Name:	SEAN KIRBY
Contact Address:	120 RAILROAD AVE., , POINT RICHMOND, CA, 94801,
Contact Phone No and Ext:	510-307-5678
Contact Email:	SKIRBY@WESTBUILDERS.NET
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	20191219

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20191219
Handler Name:	CA/AG LOGAN PARK PROPERTY OWNER, LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	130 E RANDOLPH ST

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	TRAVIS GILFIX	**Street 2:**	SUITE 2100
Date Became Current:		**City:**	CHICAGO
Date Ended Current:		**State:**	IL
Phone:	978-855-2689	**Country:**	
Source Type:	Implementer	**Zip Code:**	60601
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	120 RAILROAD AVE.
Name:	SEAN KIRBY	**Street 2:**	
Date Became Current:		**City:**	POINT RICHMOND
Date Ended Current:		**State:**	CA
Phone:	510-307-5678	**Country:**	
Source Type:	Implementer	**Zip Code:**	94801

77	1 of 1	SE	0.15 / 808.14	190.12 / 7	JACKSON PROPERTY 2131 DURANT AVE BERKELEY CA 94704	LUST

Global ID:	T0600100749	**County:**	ALAMEDA
Status:	COMPLETED - CASE CLOSED	**Latitude:**	37.8668897
Status Date:	9/29/1994	**Longitude:**	-122.2662753
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No:	01-0813	**Potential COC:**	Diesel
Local Case No:	01-0813	**How Discovered:**	Tank Closure
Begin Date:	7/2/1991	**Stop Method:**	
Lead Agency:	BERKELEY, CITY OF	**Stop Description:**	
Local Agency:	BERKELEY, CITY OF	**Case Worker:**	GAF
CUF Case:	NO	**File Location:**	
Potential Media of Concern:	Other Groundwater (uses other than drinking water)		
How Discovered Description:			
Calwater Watershed Name:	Bay Bridges - Berkeley (203.30)		
DWR GW Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)		
Disadvantaged Community:			
Site History:			

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type:	RESPONSE
Date :	8/30/1991
Action:	Other Report / Document
Action Type:	Other
Date :	7/2/1991
Action:	Leak Discovery
Action Type:	Other
Date :	7/2/1991
Action:	Leak Reported
Action Type:	Other
Date :	7/2/1991
Action:	Leak Stopped
Action Type:	RESPONSE
Date :	6/29/1991
Action:	Correspondence
Action Type:	RESPONSE
Date :	3/29/1989
Action:	Soil and Water Investigation Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
City: BERKELEY
Organization Name: BERKELEY, CITY OF
Address: 2118 MILVIA STREET 3RD FLOOR
Email: gfiedler@ci.berkeley.ca.us
Phone No:

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Completed - Case Closed
Status Date: 9/29/1994

Status: Open - Site Assessment
Status Date: 8/29/1991

Status: Open - Case Begin Date
Status Date: 7/2/1991

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: JACKSON PROPERTY
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: DIESEL
Facility Type:
Composting Method:
Address: 2131 DURANT AVE
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600100749
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 9/29/1994
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600100749&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: BERKELEY, CITY OF (LEAD) - CASE #: 01-0813
CASEWORKER: GEOFFERY FIEDLER
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0813
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 9/29/1994

Status: Open - Site Assessment

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date : 8/29/1991

Status: Open - Case Begin Date
Date : 7/2/1991

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Response Requested - Other
Action Date: 8/30/1991
Received Issue Date: 8/30/1991
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100749&doc_id=5901472
Title Description Comments:

3-18-2010 167542 31234 FUEL LEAK CASE FORM 010813

Action Type: Response Requested - Other
Action Date: 6/29/1991
Received Issue Date: 6/29/1991
Action: Correspondence
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100749&doc_id=5901471
Title Description Comments:

3-18-2010 167541 31235 LTR 010813

Action Type: Response Requested - Reports
Action Date: 3/29/1989
Received Issue Date: 3/29/1989
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100749&doc_id=5901473
Title Description Comments:

3-18-2010 167544 31236 ACTIVE 010813

Action Type: Leak Action
Action Date: 7/2/1991
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 7/2/1991
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 7/2/1991
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Document Type: Site Documents
Document Date: 8/30/1991
Type: OTHER REPORT / DOCUMENT
Title: 3-18-2010 167542 31234 FUEL LEAK CASE FORM 010813
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100749&document_id=5901472
Size :
Submitted By: MICHELE HARDEN (REGULATOR)
Submitted:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Site Documents
Document Date: 6/29/1991
Type: CORRESPONDENCE
Title: 3-18-2010 167541 31235 LTR 010813
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100749&document_id=5901471
Size :
Submitted By: MICHELE HARDEN (REGULATOR)
Submitted:

Document Type: Site Documents
Document Date: 3/29/1989
Type: SOIL AND WATER INVESTIGATION REPORT
Title: 3-18-2010 167544 31236 ACTIVE 010813
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100749&document_id=5901473
Size :
Submitted By: MICHELE HARDEN (REGULATOR)
Submitted:

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78 | **1 of 1** | **ESE** | **0.15 / 813.21** | **203.17 / 20** | **UC Berkeley - Tang Center**
2200 Bancroft St
CA | **BERKELEY CUPA**

Facility ID: FA0000914

Additional Information

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: UNIVERSITY OF CAL REGENTS
City: Berkeley
Postal Address: 317 University Hall, MC 1150
Postal Address 2: , MC 1150
Postal State: CA
Postal Zip: 94720

Program Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: UNIVERSITY OF CAL REGENTS
City: Berkeley
Postal Address: 317 University Hall, MC 1150
Postal Address 2: , MC 1150
Postal State: CA
Postal Zip: 94720

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79 | **1 of 1** | **SSE** | **0.16 / 823.77** | **180.11 / -3** | **CORNERSTONE CRAFT BEER**
2367 SHATTUCK AVE
CA | **BERKELEY CUPA**

Facility ID: FA0001223

Additional Information

Program Element: 4270 - HMBP - UNDER THRESHOLD
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: CORNERSTONE CRAFT BEER
City: BERKELEY
Postal Address:
Postal Address 2:
Postal State: CA
Postal Zip:

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80 | **1 of 1** | **NW** | **0.16 / 832.86** | **175.22 / -8** | **Berkeley Ace Hardware**
2020 Milvia ST
CA | **BERKELEY CUPA**

Facility ID: FA0001202

Additional Information

Program Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: James or Anne Carpenter
City: Berkeley
Postal Address: 2020 Milvia St Ste 100
Postal Address 2:
Postal State: CA
Postal Zip: 94704

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81 | **1 of 2** | **NW** | **0.16 / 847.55** | **170.05 / -13** | **USDA FS PSW EXPT STATION**
1960 ADDISON ST
BERKELEY CA 94701 | **RCRA NON GEN**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EPA Handler ID:	CA1122390031
Gen Status Universe:	No Report
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	1960 ADDISON ST, , BERKELEY, CA, 94701, US
Contact Phone No and Ext:	415-486-3183
Contact Email:	
Contact Country:	US
County Name:	ALAMEDA
EPA Region:	09
Land Type:	Federal
Receive Date:	19801113

Violation/Evaluation Summary

Note:	VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Oct, 2020.

Violation Details

Citation:	FR - 262.50-60
Violation Short Description:	Generators - General
Violation Type:	262.A
Violation Determined Date:	19861105
Scheduled Compliance Date:	
Return to Compliance:	Not Resolvable
Actual Return to Compl:	19911105
Violation Responsible Agency:	EPA

Evaluation Details

Evaluation Start Date:	19861105
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Violation Short Description:	Generators - General
Return to Compliance Date:	19911105
Evaluation Agency:	EPA

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19801113
Handler Name:	USDA FS PSW EXPT STATION
Source Type:	Notification
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Federal	***Street 1:***	NOT REQUIRED
Name:	NOT REQUIRED	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Notification	***Zip Code:***	99999
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Federal	***Street 1:***	NOT REQUIRED
Name:	DEPT OF AGRICULTURE	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Notification	***Zip Code:***	99999

81	*2 of 2*	*NW*	*0.16 / 847.55*	*170.05 / -13*	***STEAD BUILDING 1960 ADDISON ST BERKELEY CA 94704***	***LUST***

Global ID:	T0600101990	***County:***	ALAMEDA
Status:	COMPLETED - CASE CLOSED	***Latitude:***	37.8707352
Status Date:	9/17/1996	***Longitude:***	-122.2715451
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No:	01-2166	***Potential COC:***	Gasoline
Local Case No:	01-2166	***How Discovered:***	Other Means
Begin Date:	8/30/1996	***Stop Method:***	
Lead Agency:	BERKELEY, CITY OF	***Stop Description:***	
Local Agency:	BERKELEY, CITY OF	***Case Worker:***	GAF
CUF Case:	NO	***File Location:***	
Potential Media of Concern:	Other Groundwater (uses other than drinking water)		
How Discovered Description:			
Calwater Watershed Name:	Bay Bridges - Berkeley (203.30)		
DWR GW Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)		
Disadvantaged Community:			
Site History:			

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type:	Other
Date :	9/17/1996
Action:	Leak Stopped
Action Type:	Other
Date :	9/17/1996
Action:	Leak Discovery
Action Type:	Other
Date :	9/17/1996
Action:	Leak Reported

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type:	Local Agency Caseworker	***Address:***	2118 MILVIA STREET 3RD FLOOR
Contact Name:	GEOFFERY FIEDLER	***Email:***	gfiedler@ci.berkeley.ca.us
City:	BERKELEY	***Phone No:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Organization Name: BERKELEY, CITY OF

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Completed - Case Closed
Status Date: 9/17/1996

Status: Open - Case Begin Date
Status Date: 8/30/1996

Status: Open - Site Assessment
Status Date: 8/30/1996

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: STEAD BUILDING
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 1960 ADDISON ST
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600101990
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 9/17/1996
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600101990&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: BERKELEY, CITY OF (LEAD) - CASE #: 01-2166
CASEWORKER: GEOFFERY FIEDLER
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-2166
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 9/17/1996

Status: Open - Site Assessment
Date : 8/30/1996

Status: Open - Case Begin Date
Date : 8/30/1996

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: Leak Action
Action Date: 9/17/1996
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 9/17/1996
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 9/17/1996
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

82	1 of 3	SE	0.16 / 856.15	192.13 / 9	MAGGINI CHEVROLET 2140 DURANT AVE BERKELEY CA 94704	RCRA SQG

EPA Handler ID: CAD982003188
Gen Status Universe: Small Quantity Generator
Contact Name:
Contact Address: US
Contact Phone No and Ext:
Contact Email:
Contact Country: US
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 19960901

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sequence No: 1
Receive Date: 19870529
Handler Name: MAGGINI CHEVROLET
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19960901
Handler Name: MAGGINI CHEVROLET
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: RITCHIE & RITCHIE TRUST
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Notification
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Owner/Operator Ind: Current Operator
Type: Private
Name: NOT REQUIRED
Date Became Current:
Date Ended Current:
Phone: 415-555-1212
Source Type: Implementer
Street No:
Street 1: NOT REQUIRED
Street 2:
City: NOT REQUIRED
State: ME
Country:
Zip Code: 99999

Historical Handler Details

Receive Dt: 19870529
Generator Code Description: Large Quantity Generator
Handler Name: MAGGINI CHEVROLET

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82 | ***2 of 3*** | ***SE*** | ***0.16 / 856.15*** | ***192.13 / 9*** | ***GOSS ROSS DOYLE TRUST***
2140 DURANT AVE
BERKELEY CA 94709 | ***LUST***

Global ID: T0600100658
Status: COMPLETED - CASE CLOSED
Status Date: 7/28/1999
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download
County: ALAMEDA
Latitude: 37.866844
Longitude: -122.266278

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No: 01-0714
Local Case No: 01-0714
Begin Date: 3/3/1990
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency: BERKELEY, CITY OF
CUF Case: YES
Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Potential COC: Waste Oil / Motor / Hydraulic / Lubricating
How Discovered: Tank Closure
Stop Method:
Stop Description:
Case Worker: UUU
File Location:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DWR GW Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:
Site History:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type: ENFORCEMENT
Date : 7/28/1999
Action: Closure/No Further Action Letter

Action Type: Other
Date : 3/3/1990
Action: Leak Stopped

Action Type: Other
Date : 3/3/1990
Action: Leak Reported

Action Type: Other
Date : 3/3/1990
Action: Leak Discovery

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
City: BERKELEY
Organization Name: BERKELEY, CITY OF
Address: 2118 MILVIA STREET 3RD FLOOR
Email: gfiedler@ci.berkeley.ca.us
Phone No:

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Completed - Case Closed
Status Date: 7/28/1999

Status: Open - Site Assessment
Status Date: 4/28/1990

Status: Open - Case Begin Date
Status Date: 3/3/1990

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: GOSS ROSS DOYLE TRUST
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig: B
CUF Amount Paid: $10,715
File Location:
Potential COC: WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
Facility Type:
Composting Method:
Address: 2140 DURANT AVE
City: BERKELEY
Zip: 94709
County: ALAMEDA
CUF Claim: 2794
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600100658
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 7/28/1999
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600100658&tabname=regulatoryhistory

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN FRANCISCO BAY RWQCB (REGION 2) (LEAD) - CASE #: 01-0714
CASEWORKER: Regional Water Board
BERKELEY, CITY OF - CASE #: 01-0714
CASEWORKER: GEOFFERY FIEDLER
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 7/28/1999

Status: Open - Site Assessment
Date : 4/28/1990

Status: Open - Case Begin Date
Date : 3/3/1990

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Other Regulatory Actions
Action Date: 7/28/1999
Received Issue Date: 7/28/1999
Action: Closure/No Further Action Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100658&enforcement_id=6058264&temptable=ENFORCEMENT
Title Description Comments:

Case Closure Letter/Summary

Action Type: Leak Action
Action Date: 3/3/1990
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 3/3/1990
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 3/3/1990
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type: Site Documents
Document Date: 7/28/1999
Type: CLOSURE/NO FURTHER ACTION LETTER
Title: CASE CLOSURE LETTER/SUMMARY
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100658&enforcement_id=6058264
Size :
Submitted By: (REGULATOR)
Submitted:

82	3 of 3	SE	0.16 / 856.15	192.13 / 9	JODO SHINSHU CENTER- BUDDHIST CHURCHES OF AMERICA 2140 DURANT AVE BERKELEY CA 94704	RCRA VSQG

EPA Handler ID: CAR000302422
Gen Status Universe: VSG
Contact Name: BOB MATSUEDA
Contact Address: 2140, DURANT AVE, , BERKELEY, CA, 94704, US
Contact Phone No and Ext: 510-809-1401
Contact Email: RMATSUEDA@BCAHQ.ORG
Contact Country: US
County Name: ALAMEDA
EPA Region: 09
Land Type: Private
Receive Date: 20191211

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20191211
Handler Name: JODO SHINSHU CENTER- BUDDHIST CHURCHES OF AMERICA
Federal Waste Generator Code: 3
Generator Code Description: Very Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: 222
Waste Code Description: Oil/water separation sludge

Hazardous Waste Code: F037

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Waste Code Description: PETROLEUM REFINERY PRIMARY OIL/WATER/SOLIDS SEPARATION SLUDGE - ANY SLUDGE GENERATED FROM THE GRAVITATIONAL SEPARATION OF OIL/WATER/SOLIDS DURING THE STORAGE OR TREATMENT OF PROCESS WASTEWATERS AND OILY COOLING WASTEWATERS FROM PETROLEUM REFINERIES. SUCH SLUDGES INCLUDE, BUT ARE NOT LIMITED TO, THOSE GENERATED IN OIL/WATER/SOLIDS SEPARATORS; TANKS AND IMPOUNDMENTS; DITCHES AND OTHER CONVEYANCES; SUMPS; AND STORM WATER UNITS RECEIVING DRY WEATHER FLOW. SLUDGES GENERATED IN STORM WATER UNITS THAT DO NOT RECEIVE DRY WEATHER FLOW, SLUDGES GENERATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS AS DEFINED IN SECTION 261.31(B)(2) (INCLUDING SLUDGES GENERATED IN ONE OR MORE ADDITIONAL UNITS AFTER WASTEWATERS HAVE BEEN TREATED IN AGGRESSIVE BIOLOGICAL TREATMENT UNITS), AND K051 WASTES ARE EXEMPTED FROM THIS LISTING.

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	1710
Type:	Private	**Street 1:**	OCTAVIA ST.
Name:	BUDDHIST CHURCHES OF AMERICA	**Street 2:**	
Date Became Current:		**City:**	SAN FRANCISCO
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	94109
Owner/Operator Ind:	Current Owner	**Street No:**	1710
Type:	Private	**Street 1:**	OCTAVIA ST.
Name:	BUDDHIST CHURCHES OF AMERICA	**Street 2:**	
Date Became Current:		**City:**	SAN FRANCISCO
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Notification	**Zip Code:**	94109

83	1 of 1	ESE	0.16 / 859.04	207.54 / 25	SHELL - CAMPUS MINI-MART 2200 DURANT AVE BERKELEY CA 94704	DELISTED TNK

Delisted Storage Tanks

Facility ID:	87	**Latitude:**	37.868027
Permitting Agency:	BERKELEY, CITY OF	**Longitude:**	-122.264124
County:	Alameda		
Original Source:	UST		
Record Date:	30-JAN-2017		

84	1 of 1	NW	0.16 / 864.12	170.05 / -13	HAMSEM TUNE UP 1933 ADDISON ST BERKELEY CA 94703	RCRA SQG

EPA Handler ID:	CAD981158868
Gen Status Universe:	Small Quantity Generator
Contact Name:	
Contact Address:	US
Contact Phone No and Ext:	
Contact Email:	
Contact Country:	US
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	19960901

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19960901
Handler Name:	HAMSEM TUNE UP
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Implementer

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	KEITH S HALL	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Implementer	***Zip Code:***	99999
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	NOT REQUIRED
Name:	NOT REQUIRED	***Street 2:***	
Date Became Current:		***City:***	NOT REQUIRED
Date Ended Current:		***State:***	ME
Phone:	415-555-1212	***Country:***	
Source Type:	Implementer	***Zip Code:***	99999

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
85	1 of 1	N	0.17 / 888.68	190.54 / 8	PAPER HEAVEN 2018 SHATTUCK AVE CA	BERKELEY CUPA

Facility ID: FA0000790

Additional Information

Program Element:	4270 - HMBP - UNDER THRESHOLD	***Postal Address:***	
Billing Status:	02 - INACTIVE, NON-BILLABLE	***Postal Address 2:***	
Owner:	JULES WEISS	***Postal State:***	
City:	(none)	***Postal Zip:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
86	1 of 1	NW	0.17 / 900.98	169.25 / -14	ED'S BEST AUTO SERVICE 1931 Addison St, CA	BERKELEY CUPA

Facility ID: FA0000390

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Additional Information

Program Element:	4200 - HMBP	***Postal Address:***	1931 Addison St,
Billing Status:	02 - INACTIVE, NON-BILLABLE	***Postal Address 2:***	
Owner:	EDUARDO CIURLIZZA	***Postal State:***	CA
City:	BERKELEY	***Postal Zip:***	94702
Program Element:	4400 - HAZ WASTE GENERATOR	***Postal Address:***	1931 Addison St,
Billing Status:	02 - INACTIVE, NON-BILLABLE	***Postal Address 2:***	
Owner:	EDUARDO CIURLIZZA	***Postal State:***	CA
City:	BERKELEY	***Postal Zip:***	94702

87	*1 of 1*	*NNE*	*0.17 / 910.09*	*193.44 / 11*	***ZIBA PHOTO 64 SHATTUCK SQ CA***	***BERKELEY CUPA***

Facility ID: FA0000238

Additional Information

Program Element:	4200 - HMBP	***Postal Address:***	64 SHATTUCK SQUARE
Billing Status:	02 - INACTIVE, NON-BILLABLE	***Postal Address 2:***	
Owner:	SASHA SHAMSZAD	***Postal State:***	CA
City:	Berkeley	***Postal Zip:***	94704
Program Element:	4400 - HAZ WASTE GENERATOR	***Postal Address:***	64 SHATTUCK SQUARE
Billing Status:	02 - INACTIVE, NON-BILLABLE	***Postal Address 2:***	
Owner:	SASHA SHAMSZAD	***Postal State:***	CA
City:	Berkeley	***Postal Zip:***	94704

88	*1 of 1*	*SSE*	*0.18 / 927.58*	*179.48 / -3*	***SOUTHSIDE PLAZA 2399 SHATTUCK AVE BERKELEY CA 94704***	***LUST***

Global ID:	T0600101309	***County:***	ALAMEDA
Status:	COMPLETED - CASE CLOSED	***Latitude:***	37.8660629
Status Date:	12/21/1990	***Longitude:***	-122.267108
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No:	01-1418	***Potential COC:***	Waste Oil / Motor / Hydraulic / Lubricating
Local Case No:	01-1418	***How Discovered:***	Tank Closure
Begin Date:	3/22/1988	***Stop Method:***	
Lead Agency:	BERKELEY, CITY OF	***Stop Description:***	
Local Agency:	BERKELEY, CITY OF	***Case Worker:***	GAF
CUF Case:	NO	***File Location:***	
Potential Media of Concern:	Under Investigation		
How Discovered Description:			
Calwater Watershed Name:	Bay Bridges - Berkeley (203.30)		
DWR GW Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)		
Disadvantaged Community:			
Site History:			

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type:	Other
Date :	3/22/1988
Action:	Leak Discovery

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action Type: Other
Date : 3/22/1988
Action: Leak Reported

Action Type: Other
Date : 3/22/1988
Action: Leak Stopped

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
City: BERKELEY
Organization Name: BERKELEY, CITY OF
Address: 2118 MILVIA STREET 3RD FLOOR
Email: gfiedler@ci.berkeley.ca.us
Phone No:

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Completed - Case Closed
Status Date: 12/21/1990

Status: Open - Case Begin Date
Status Date: 3/22/1988

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: SOUTHSIDE PLAZA
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
Facility Type:
Composting Method:
Address: 2399 SHATTUCK AVE
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600101309
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 12/21/1990
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600101309&tabname=regulatoryhistory
Potential Media of Concern: UNDER INVESTIGATION
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: BERKELEY, CITY OF (LEAD) - CASE #: 01-1418
CASEWORKER: GEOFFERY FIEDLER
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-1418
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 12/21/1990

Status: Open - Case Begin Date
Date : 3/22/1988

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Leak Action
Action Date: 3/22/1988
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 3/22/1988
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 3/22/1988
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

89	1 of 1	NW	0.18 / 944.81	168.14 / -15	GERMANY BEST INC 1931-1935 ADDISON ST BERKELEY CA 94704	LUST

Global ID: T0600100641
Status: COMPLETED - CASE CLOSED
Status Date: 10/12/2011
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download
County: ALAMEDA
Latitude: 37.870907
Longitude: -122.271421

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No: 01-0696
Local Case No: 01-0696
Begin Date: 8/8/1990
Lead Agency: BERKELEY, CITY OF
Local Agency: BERKELEY, CITY OF
CUF Case: YES
Potential Media of Concern: Soil
How Discovered Description: Tank removal
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
DWR GW Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community:
Site History:
Potential COC: Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
How Discovered: Tank Closure
Stop Method: Close and Remove Tank
Stop Description: Excavated soil, closed and disposed tanks
Case Worker: GAF
File Location: Local Agency

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type: RESPONSE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date : 5/9/2014
Action: Other Report / Document

Action Type: ENFORCEMENT
Date : 12/18/2013
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date : 4/10/2012
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date : 8/8/2011
Action: Closure/No Further Action Letter

Action Type: ENFORCEMENT
Date : 3/10/2011
Action: Closure/No Further Action Letter

Action Type: ENFORCEMENT
Date : 9/22/2010
Action: Technical Correspondence / Assistance / Other

Action Type: RESPONSE
Date : 4/22/2010
Action: Well Installation Report

Action Type: ENFORCEMENT
Date : 9/18/2009
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date : 4/22/2009
Action: Technical Correspondence / Assistance / Other

Action Type: ENFORCEMENT
Date : 2/2/2009
Action: Site Visit / Inspection / Sampling

Action Type: REMEDIATION
Date : 11/7/2008
Action: Excavation

Action Type: RESPONSE
Date : 10/17/1995
Action: Site Assessment Report

Action Type: RESPONSE
Date : 10/15/1995
Action: Site Assessment Report

Action Type: RESPONSE
Date : 7/29/1991
Action: Soil and Water Investigation Report

Action Type: Other
Date : 8/8/1990
Action: Leak Reported

Action Type: Other
Date : 8/8/1990
Action: Leak Stopped

Action Type: Other
Date : 8/8/1990
Action: Leak Discovery

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
City: BERKELEY
Organization Name: BERKELEY, CITY OF
Address: 2118 MILVIA STREET 3RD FLOOR
Email: gfiedler@ci.berkeley.ca.us
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Completed - Case Closed
Status Date: 10/12/2011

Status: Open - Site Assessment
Status Date: 9/18/2009

Status: Open - Site Assessment
Status Date: 1/30/2009

Status: Open - Site Assessment
Status Date: 9/27/1996

Status: Open - Case Begin Date
Status Date: 8/8/1990

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: GERMANY BEST INC
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig: B
CUF Amount Paid: $67,148
Potential COC: DIESEL, GASOLINE, WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING
Facility Type:
Composting Method:
Address: 1931-1935 ADDISON ST
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim: 19858
File Location: LOCAL AGENCY
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600100641
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 10/12/2011
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600100641&tabname=regulatoryhistory
Potential Media of Concern: SOIL
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use: COMMERCIAL
Cleanup Oversight Agencies: BERKELEY, CITY OF (LEAD) - CASE #: 01-0696
CASEWORKER: GEOFFERY FIEDLER
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0696
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 10/12/2011

Status: Open - Site Assessment
Date : 9/18/2009

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status: Open - Site Assessment
Date : 1/30/2009

Status: Open - Site Assessment
Date : 9/27/1996

Status: Open - Case Begin Date
Date : 8/8/1990

LUST Sites from GeoTracker Search - Cleanup Action Report (as of Oct 06, 2020)

Action Type: EXCAVATION
Begin Date: 11/7/2008
Phase: Soil
End Date: 11/25/2008
Contaminant Mass Removed: 4 Pounds
Description: Soil removed from below two tanks, one diesel, one gasoline.

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Response Requested - Other
Action Date: 5/9/2014
Received Issue Date: 5/9/2014
Action: Other Report / Document
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100641&doc_id=5814577
Title Description Comments:

Soil and Groundwater Management Plan

Action Type: Other Regulatory Actions
Action Date: 12/18/2013
Received Issue Date: 12/18/2013
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6193856&temptable=ENFORCEMENT
Title Description Comments:

Underground Storage Tank Cleanup Fund Information

Action Type: Other Regulatory Actions
Action Date: 4/10/2012
Received Issue Date: 4/10/2012
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6118254&temptable=ENFORCEMENT
Title Description Comments:

Case Closure Completion - Monitoring Well Closures

Action Type: Other Regulatory Actions
Action Date: 8/8/2011
Received Issue Date: 8/8/2011
Action: Closure/No Further Action Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6094908&temptable=ENFORCEMENT
Title Description Comments:

No Further Action Letter

Action Type: Other Regulatory Actions
Action Date: 3/10/2011
Received Issue Date: 3/10/2011
Action: Closure/No Further Action Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6082972&temptable=ENFORCEMENT

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title Description Comments:

Case Closure Refereral

Action Type: Other Regulatory Actions
Action Date: 9/22/2010
Received Issue Date: 9/22/2010
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6065670&temptable=ENFORCEMENT
Title Description Comments:

Work Plan Approval for Additional Site Investigation

Action Type: Response Requested - Reports
Action Date: 4/22/2010
Received Issue Date: 4/22/2010
Action: Well Installation Report
Doc Link:
Title Description Comments:

Monitoring Well Installation Report

Action Type: Response Requested - Reports
Action Date: 4/22/2010
Received Issue Date: 4/22/2010
Action: Well Installation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100641&doc_id=5666000
Title Description Comments:

Monitoring Well Installation Report

Action Type: Other Regulatory Actions
Action Date: 9/18/2009
Received Issue Date: 9/18/2009
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6030587&temptable=ENFORCEMENT
Title Description Comments:

Additional Site Investigation review/comment

Action Type: Other Regulatory Actions
Action Date: 4/22/2009
Received Issue Date: 4/22/2009
Action: Technical Correspondence / Assistance / Other
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6010977&temptable=ENFORCEMENT
Title Description Comments:

Work Plan Approval - Conditional

Action Type: Other Regulatory Actions
Action Date: 2/2/2009
Received Issue Date: 2/2/2009
Action: Site Visit / Inspection / Sampling
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6001378&temptable=ENFORCEMENT
Title Description Comments:

UST Removal Report Response

Action Type: Response Requested - Reports
Action Date: 10/17/1995

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Received Issue Date: 10/17/1995
Action: Site Assessment Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100641&doc_id=5650964
Title Description Comments:

Third Quarter 1995 Monitoring and Subsurface Investigation Report

Action Type: Response Requested - Reports
Action Date: 10/15/1995
Received Issue Date: 10/15/1995
Action: Site Assessment Report
Doc Link:
Title Description Comments:

Third Quarter 1995 Monitoring and Subsurface Investigation Report (figures 2/3)

Action Type: Response Requested - Reports
Action Date: 7/29/1991
Received Issue Date: 7/29/1991
Action: Soil and Water Investigation Report
Doc Link:
Title Description Comments:

Monitoring Well Installation Report

Action Type: Response Requested - Reports
Action Date: 7/29/1991
Received Issue Date: 7/29/1991
Action: Soil and Water Investigation Report
Doc Link: https://geotracker.waterboards.ca.gov/view_documents_all?global_id=T0600100641&doc_id=5708026
Title Description Comments:

Monitoring Well Installation Report

Action Type: Cleanup Action
Action Date: 11/7/2008
Received Issue Date:
Action: Excavation
Doc Link:
Title Description Comments:

Soil removed from below two tanks, one diesel, one gasoline.

Action Type: Leak Action
Action Date: 8/8/1990
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 8/8/1990
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 8/8/1990
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Sites from GeoTracker Search - Site Maps (as of Oct 06, 2020)

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/5146592140/T0600100641.PDF
Size : 39 KB
Submitted By: BRENT A. WHEELER (AUTH_RP)
Submitted: 12/15/2010

Title: BORING LOG B5 (B5)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/7267823576/T0600100641.PDF
Size : 33 KB
Submitted By: BRENT A. WHEELER (AUTH_RP)
Submitted: 12/15/2010

Title: GEO_MAP
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_map/1272393345/T0600100641.PDF
Size : 36 KB
Submitted By: BRENT A. WHEELER (AUTH_RP)
Submitted: 7/17/2009

Title: BORING LOG B4 (B4)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/1847427845/T0600100641.PDF
Size : 31 KB
Submitted By: BRENT A. WHEELER (AUTH_RP)
Submitted: 7/17/2009

Title: BORING LOG B1 (B1)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/6247002720/T0600100641.PDF
Size : 21 KB
Submitted By: BRENT A. WHEELER (AUTH_RP)
Submitted: 7/17/2009

Title: BORING LOG B3 (B3)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/9360927760/T0600100641.PDF
Size : 32 KB
Submitted By: BRENT A. WHEELER (AUTH_RP)
Submitted: 7/17/2009

Title: BORING LOG B2 (B2)
Link: https://geotracker.waterboards.ca.gov/esi/uploads/geo_bore/2005693733/T0600100641.PDF
Size : 21 KB
Submitted By: BRENT A. WHEELER (AUTH_RP)
Submitted: 7/17/2009

LUST Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Document Type: Site Documents
Document Date: 5/9/2014
Type: OTHER REPORT / DOCUMENT
Size :
Submitted By: RALPH LAMBERT (REGULATOR)
Submitted:
Title: SOIL AND GROUNDWATER MANAGEMENT PLAN
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&document_id=5814577

Document Type: Site Documents
Document Date: 12/18/2013
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
Size :
Submitted By: (REGULATOR)
Submitted:
Title: UNDERGROUND STORAGE TANK CLEANUP FUND INFORMATION
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6193856

Document Type: Site Documents
Document Date: 4/10/2012
Type: TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER
Size :
Submitted By: (REGULATOR)
Submitted:
Title: CASE CLOSURE COMPLETION - MONITORING WELL CLOSURES
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6118254

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Document Type:	Site Documents	**Size :**	2,742 KB
Document Date:	10/6/2011	**Submitted By:**	BRENT A. WHEELER (AUTH_RP)
Type:	WELL DESTRUCTION REPORT	**Submitted:**	
Title:	LETTER REPORT OF MONITOR WELL DESTRUCTION		
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9955304741/T0600100641.PDF		

Document Type:	Site Documents	**Size :**	
Document Date:	8/8/2011	**Submitted By:**	CLEET CARLTON (REGULATOR)
Type:	CLOSURE/NO FURTHER ACTION LETTER	**Submitted:**	
Title:	NO FURTHER ACTION LETTER		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6094908		

Document Type:	Site Documents	**Size :**	
Document Date:	3/10/2011	**Submitted By:**	(REGULATOR)
Type:	CLOSURE/NO FURTHER ACTION LETTER	**Submitted:**	
Title:	CASE CLOSURE REFERERAL		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6082972		

Document Type:	Site Documents	**Size :**	3,419 KB
Document Date:	12/22/2010	**Submitted By:**	BRENT A. WHEELER (AUTH_RP)
Type:	PROGRESS REPORT (SOIL/GW/ UPDATES)	**Submitted:**	
Title:	REPORT OF SOIL EXCAVATION AND SAMPLING		
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/8926096618/T0600100641.PDF		

Document Type:	Site Documents	**Size :**	
Document Date:	9/22/2010	**Submitted By:**	(REGULATOR)
Type:	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	**Submitted:**	
Title:	WORK PLAN APPROVAL FOR ADDITIONAL SITE INVESTIGATION		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6065670		

Document Type:	Site Documents	**Size :**	2,759 KB
Document Date:	9/14/2010	**Submitted By:**	BRENT A. WHEELER (AUTH_RP)
Type:	SOIL AND WATER INVESTIGATION WORKPLAN - ADDENDUM	**Submitted:**	
Title:	ADDENDUM TO ADDITIONAL SITE CHARACTERIZATION WORKPLAN		
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9143151700/T0600100641.PDF		

Document Type:	Site Documents	**Size :**	
Document Date:	4/22/2010	**Submitted By:**	(REGULATOR)
Type:	WELL INSTALLATION REPORT	**Submitted:**	
Title:	MONITORING WELL INSTALLATION REPORT - REGULATOR RESPONSE		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&document_id=5666000		

Document Type:	Site Documents	**Size :**	
Document Date:	9/18/2009	**Submitted By:**	(REGULATOR)
Type:	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	**Submitted:**	
Title:	ADDITIONAL SITE INVESTIGATION REVIEW/COMMENT		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6030587		

Document Type:	Site Documents	**Size :**	2,539 KB
Document Date:	7/27/2009	**Submitted By:**	BRENT A. WHEELER (AUTH_RP)
Type:	SOIL AND WATER INVESTIGATION REPORT	**Submitted:**	
Title:	ADDITIONAL SITE CHARACTERIZATION REPORT		
Title Link:	http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/5759973108/T0600100641.PDF		

Document Type:	Site Documents	**Size :**	
Document Date:	4/22/2009	**Submitted By:**	(REGULATOR)
Type:	TECHNICAL CORRESPONDENCE / ASSISTANCE / OTHER	**Submitted:**	
Title:	WORK PLAN APPROVAL - CONDITIONAL		
Title Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6010977		

Document Type:	Site Documents	**Size :**	1,884 KB
Document Date:	3/27/2009	**Submitted By:**	BRENT A. WHEELER (AUTH_RP)
Type:	SITE INVESTIGATION WORKPLAN	**Submitted:**	
Title:	ADDITIONAL SITE CHARACTERIZATION WORKPLAN		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Title Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/9916011989/T0600100641.PDF

Document Type: Site Documents
Document Date: 2/2/2009
Type: SITE VISIT / INSPECTION / SAMPLING
Size :
Submitted By: (REGULATOR)
Submitted:
Title: UST REMOVAL REPORT RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&enforcement_id=6001378

Document Type: Site Documents
Document Date: 12/23/2008
Type: TANK REMOVAL REPORT / UST SAMPLING REPORT
Size : 9,655 KB
Submitted By: BRENT A. WHEELER (AUTH_RP)
Submitted:
Title: TANK CLOSURE REPORT - 1933 & 1935 ADDISON STREET, BERKELEY
Title Link: http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/3901986539/T0600100641.PDF

Document Type: Site Documents
Document Date: 10/17/1995
Type: SITE ASSESSMENT REPORT
Size :
Submitted By: (REGULATOR)
Submitted:
Title: THIRD QUARTER 1995 MONITORING AND SUBSURFACE INVESTIGATION REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&document_id=5650964

Document Type: Site Documents
Document Date: 7/29/1991
Type: SOIL AND WATER INVESTIGATION REPORT
Size :
Submitted By: (REGULATOR)
Submitted:
Title: MONITORING WELL INSTALLATION REPORT - REGULATOR RESPONSE
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100641&document_id=5708026

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
90	1 of 1	ESE	0.18 / 958.38	209.47 / 27	TANG CENTER (UNIVERSITY HEALTH SERVICE) 2222 BANCROFT WAY BERKELEY CA 94720	RCRA LQG

EPA Handler ID: CAR000120816
Gen Status Universe: Large Quantity Generator
Contact Name: GREG HAET
Contact Address: 317, UNIVERSITY HALL #1150, , BERKELEY, CA, 94720, US
Contact Phone No and Ext: 510-642-4848
Contact Email: GJHAET@BERKELEY.EDU
Contact Country: US
County Name: ALAMEDA
EPA Region: 09
Land Type: State
Receive Date: 20160607

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20020625
Handler Name: U C BERKELEY TANG CENTER
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D000
Waste Code Description: DESCRIPTION

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D003
Waste Code Description: REACTIVE WASTE

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Code: U122
Waste Code Description: FORMALDEHYDE

Hazardous Waste Code: U151
Waste Code Description: MERCURY

Hazardous Waste Code: U187
Waste Code Description: ACETAMIDE, N-(4-ETHOXYPHENYL)- (OR) PHENACETIN

Hazardous Waste Code: U188
Waste Code Description: PHENOL

Hazardous Waste Code: U201
Waste Code Description: 1,3-BENZENEDIOL (OR) RESORCINOL

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20160607
Handler Name: TANG CENTER (UNIVERSITY HEALTH SERVICE)
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: 331
Waste Code Description: Off-specification, aged, or surplus organics

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	317
Type:	State	***Street 1:***	UNIVERSITY HALL #1150
Name:	REGENTS OF THE UNIVERSITY OF CALIFONIA	***Street 2:***	
Date Became Current:	18680323	***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-642-3073	***Country:***	US
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	94720
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	State	***Street 1:***	
Name:	REGENTS OF THE UNIVERSITY OF CALIFORNIA	***Street 2:***	
Date Became Current:	18680323	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	
Source Type:	Annual/Biennial Report update with Notification	***Zip Code:***	
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	State	***Street 1:***	1111 FRANKLIN ST 12TH FL
Name:	REGENTS OF THE UNIV OF CALIF	***Street 2:***	
Date Became Current:		***City:***	OAKLAND
Date Ended Current:		***State:***	CA
Phone:	510-642-3073	***Country:***	
Source Type:	Notification	***Zip Code:***	94607-5200

Historical Handler Details

Receive Dt:	20020625
Generator Code Description:	Small Quantity Generator
Handler Name:	U C BERKELEY TANG CENTER

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
91	1 of 1	NE	0.18 / 969.58	202.92 / 20	UC BERKELEY ART MUSEUM AND PACIFIC FILM ARCHIVE 2120 OXFORD ST BERKELEY CA 94720	RCRA LQG

EPA Handler ID:	CA0000303172
Gen Status Universe:	Large Quantity Generator
Contact Name:	KELLEY ETHERINGTON
Contact Address:	317, UNIVERSITY HALL, , BERKELEY, CA, 94720,
Contact Phone No and Ext:	510-643-7195
Contact Email:	KELLEY_E@BERKELEY.EDU
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	State
Receive Date:	20140301

Violation/Evaluation Summary

Note:	VIOLATION or UNDETERMINED: There are VIOLATION or UNDETERMINED details or records associated with this facility (EPA ID) in the Compliance Monitoring and Enforcement table dated Oct, 2020.

Violation Details

Citation:	- 279.20-24
Violation Short Description:	Used Oil - Generators
Violation Type:	279.C
Violation Determined Date:	20020710
Scheduled Compliance Date:	
Return to Compliance:	Documented

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Actual Return to Compl: 20020710
Violation Responsible Agency: EPA

Enforcement Details

Enforcement Type: 114
Enforcement Type Description:
Enforcement Action Date: 20020710
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Enforcement Type: 310
Enforcement Type Description: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Action Date: 20040930
Enf Disposition Status:
Disposition Status Date:
Enforcement Lead Agency: EPA
Proposed Penalty Amount:
Final Amount:
Paid Amount:

Evaluation Details

Evaluation Start Date: 20020710
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Violation Short Description: Used Oil - Generators
Return to Compliance Date: 20020710
Evaluation Agency: EPA

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19940516
Handler Name: UC PRINTING SERVICES
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Hazardous Waste Handler Details

Sequence No: 1

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Receive Date: 19960328
Handler Name: UNIVERSITY OF CALIFORNIA, BERKELEY,PRINT
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 19990415
Handler Name: UNIVERSITY OF CALIFORNIA, BERKELEY,PRINT
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 3
Receive Date: 20001012
Handler Name: UNIVERSITY OF CALIFORNIA, BERKELEY,PRINT
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 4
Receive Date: 20020226
Handler Name: UNIVERSITY OF CALIFORNIA BERKELEY, PRINT
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Hazardous Waste Handler Details

Sequence No: 5
Receive Date: 20040220
Handler Name: UNIVERSITY OF CALIFORNIA, BERKELEY,PRINT
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D011
Waste Code Description: SILVER

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20130311
Handler Name: UNIV OF CALIFORNIA BERKELEY ART MUSEUM AND FILM ARCHIVE
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Notification

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Waste Code Details

Hazardous Waste Code: 151
Waste Code Description: Asbestos-containing waste

Hazardous Waste Code: 181
Waste Code Description: Other inorganic solid waste

Hazardous Waste Code: D008
Waste Code Description: LEAD

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140301
Handler Name: UC BERKELEY ART MUSEUM AND PACIFIC FILM ARCHIVE
Federal Waste Generator Code: 1
Generator Code Description: Large Quantity Generator
Source Type: Annual/Biennial Report update with Notification

Waste Code Details

Hazardous Waste Code: D008
Waste Code Description: LEAD

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: State
Name: REGENTS OF UNIVERSITY OF CAL
Date Became Current: 18680323
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report update with Notification
Street No: 317
Street 1: UNIVERSITY HALL
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94720

Owner/Operator Ind: Current Operator
Type: State
Name: UNIVERSITY OF CALIFORNIA
Date Became Current: 18730101
Date Ended Current:
Phone:
Source Type: Annual/Biennial Report
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Operator
Type: State
Name: REGENTS OF UNIV OF CAL
Date Became Current: 18860101
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1:
Street 2:
City:
State:
Country: US
Zip Code:

Owner/Operator Ind: Current Owner
Type: State
Name: REGENTS OF THE UNIV OF CALIF
Date Became Current:
Date Ended Current:
Phone: 510-987-9591
Source Type: Notification
Street No:
Street 1: 300 LAKESIDE DR 7TH FLOOR
Street 2:
City: OAKLAND
State: CA
Country:
Zip Code: 94612-3550

Owner/Operator Ind: Current Operator
Type: State
Street No: 317
Street 1: UNIVERSITY HALL

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	UNIVERSITY OF CALIFORNIA BERKELEY	**Street 2:**	
Date Became Current:	18680323	**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report update with Notification	**Zip Code:**	94720
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	State	**Street 1:**	317 UNIVERSITY HALL #1150
Name:	REGENTS OF THE UNIVERSITY OF CALIFORNIA	**Street 2:**	
Date Became Current:	18730101	**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:		**Country:**	US
Source Type:	Annual/Biennial Report	**Zip Code:**	94720
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	State	**Street 1:**	317 UNIVERSITY HALL
Name:	REGENTS OF THE UNIV OF CALIFORNIA	**Street 2:**	MC 1150
Date Became Current:	18860101	**City:**	BERKELEY
Date Ended Current:		**State:**	CA
Phone:	510-642-3073	**Country:**	US
Source Type:	Notification	**Zip Code:**	94720

Historical Handler Details

Receive Dt:	20130311
Generator Code Description:	Large Quantity Generator
Handler Name:	UNIV OF CALIFORNIA BERKELEY ART MUSEUM AND FILM ARCHIVE
Receive Dt:	20040220
Generator Code Description:	Large Quantity Generator
Handler Name:	UNIVERSITY OF CALIFORNIA, BERKELEY,PRINT
Receive Dt:	20020226
Generator Code Description:	Large Quantity Generator
Handler Name:	UNIVERSITY OF CALIFORNIA BERKELEY, PRINT
Receive Dt:	20001012
Generator Code Description:	Large Quantity Generator
Handler Name:	UNIVERSITY OF CALIFORNIA, BERKELEY,PRINT
Receive Dt:	19990415
Generator Code Description:	Large Quantity Generator
Handler Name:	UNIVERSITY OF CALIFORNIA, BERKELEY,PRINT
Receive Dt:	19960328
Generator Code Description:	Large Quantity Generator
Handler Name:	UNIVERSITY OF CALIFORNIA, BERKELEY,PRINT
Receive Dt:	19940516
Generator Code Description:	Small Quantity Generator
Handler Name:	UC PRINTING SERVICES

92	1 of 1	N	0.18 / 975.69	192.08 / 9	Comal 2020 Shattuck Ave CA	BERKELEY CUPA

Facility ID: FA0001159

Additional Information

Program Element:	4200 - HMBP	**Postal Address:**	709 Johnson St
Billing Status:	01 - ACTIVE, CUPA	**Postal Address 2:**	
Owner:	Andrew Hoffman	**Postal State:**	CA
City:	Albany	**Postal Zip:**	94706

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
93	1 of 3	WNW	0.19 / 987.06	166.73 / -16	DON REINHARDS INC 1917 ADDISON ST BERKELEY CA 94704	DELISTED LST

Delisted Leaking Storage Tanks

Global ID: T0600100455
Case Type: LUST Cleanup Site
Status: Open - Inactive
Status Date: 2014-03-04 00:00:00
RB Case No: 01-0501
Loc Case No: TT01-0501
Case Worker: REL
Local Agency: BERKELEY, CITY OF
Claim Case No:
Site Name:
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
File Location:
Cal Water Watershed Name:
DWR Groundwater Sub Basin:
Proposed UST Closure:
Orig Address:
Original Source: LUST
Record Date: 06-JUN-2016
Contam of Concern:

Comments Deadline:
CUF Case: NO
Begin Date: 1986-07-18 00:00:00
How Discovered:
Stop Method:
County: Alameda
Latitude: 37.870877
Longitude: -122.271641

Waste Oil / Motor / Hydraulic / Lubricating

Potential Media Affected:

Other Groundwater (uses other than drinking water)

How Discover Desc:

Stop Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
93	2 of 3	WNW	0.19 / 987.06	166.73 / -16	DON AND REINHARDS INC 1917 ADDISON ST BERKELEY CA 94704	HHSS

County:
Pdf File Url: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035f15.pdf

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
93	3 of 3	WNW	0.19 / 987.06	166.73 / -16	DON & REINHARDS INC 1917 ADDISON ST. BERKELEY CA	HIST TANK

Owner Name: DON & REINHARD'S INC
Owner Street: U. UM ADDISON ST.
Owner City: BERKELEY
Owner State: CA
Owner Zip: 94704

No of Containers: 1
County: ALAMEDA
Facility State: CA
Facility Zip: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
94	1 of 1	SSE	0.19 / 1,005.38	173.95 / -9	2035 CHANNING WAY, LLC 2035 CHANNING WAY BERKELEY CA 94704	RCRA NON GEN

EPA Handler ID: CAC002987137
Gen Status Universe: No Report
Contact Name: 2035 CHANNING WAY, LLC
Contact Address: 2035 CHANNING WAY, , BERKELEY, CA, 94704,

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Contact Phone No and Ext: 510-664-2950
Contact Email: ELIZABETH.GARCIA@SYNERGYCOMPANIES.ORG
Contact Country:
County Name: ALAMEDA
EPA Region: 09
Land Type:
Receive Date: 20181030

Violation/Evaluation Summary

Note: NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20181030
Handler Name: 2035 CHANNING WAY, LLC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: 2035 CHANNING WAY, LLC
Date Became Current:
Date Ended Current:
Phone: 510-664-2950
Source Type: Implementer
Street No:
Street 1: 2035 CHANNING WAY
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94704

Owner/Operator Ind: Current Operator
Type: Other
Name: 2035 CHANNING WAY, LLC
Date Became Current:
Date Ended Current:
Phone: 510-664-2950
Source Type: Implementer
Street No:
Street 1: 2035 CHANNING WAY
Street 2:
City: BERKELEY
State: CA
Country:
Zip Code: 94704

95	1 of 1	S	0.19 / 1,006.50	171.27 / -12	GLM REAL ESTATE SERVICES 2029 CHANNING WY BERKELEY CA 94704	LUST

Global ID: T0600100649
County: ALAMEDA

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status:	COMPLETED - CASE CLOSED	**Latitude:**	37.865904
Status Date:	12/12/1994	**Longitude:**	-122.268601
Case Type:	LUST CLEANUP SITE		
Date Source:	LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No:	01-0704	**Potential COC:**	Gasoline
Local Case No:	01-0704	**How Discovered:**	Tank Closure
Begin Date:	6/18/1991	**Stop Method:**	
Lead Agency:	BERKELEY, CITY OF	**Stop Description:**	
Local Agency:	BERKELEY, CITY OF	**Case Worker:**	GAF
CUF Case:	NO	**File Location:**	
Potential Media of Concern:	Other Groundwater (uses other than drinking water)		
How Discovered Description:			
Calwater Watershed Name:	Bay Bridges - Berkeley (203.30)		
DWR GW Subbasin Name:	Santa Clara Valley - East Bay Plain (2-009.04)		
Disadvantaged Community:			
Site History:			

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type:	ENFORCEMENT
Date :	12/13/1994
Action:	Closure/No Further Action Letter
Action Type:	Other
Date :	6/18/1991
Action:	Leak Reported
Action Type:	Other
Date :	6/18/1991
Action:	Leak Discovery
Action Type:	Other
Date :	6/18/1991
Action:	Leak Stopped

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type:	Regional Board Caseworker	**Address:**	1515 CLAY ST SUITE 1400
Contact Name:	Regional Water Board	**Email:**	
City:	OAKLAND	**Phone No:**	
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)		
Contact Type:	Local Agency Caseworker	**Address:**	2118 MILVIA STREET 3RD FLOOR
Contact Name:	GEOFFERY FIEDLER	**Email:**	gfiedler@ci.berkeley.ca.us
City:	BERKELEY	**Phone No:**	
Organization Name:	BERKELEY, CITY OF		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status:	Completed - Case Closed
Status Date:	12/12/1994
Status:	Open - Site Assessment
Status Date:	9/21/1991
Status:	Open - Case Begin Date
Status Date:	6/18/1991
Status:	Open - Remediation

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Status Date: 6/18/1991

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name: GLM REAL ESTATE SERVICES
Site Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Project Status:
WDR Place Type:
WDR File:
WDR Order:
CUF Priority Assig:
CUF Amount Paid:
File Location:
Potential COC: GASOLINE
Facility Type:
Composting Method:
Address: 2029 CHANNING WY
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600100649
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 12/12/1994
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600100649&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: BERKELEY, CITY OF (LEAD) - CASE #: 01-0704
CASEWORKER: GEOFFERY FIEDLER
SAN FRANCISCO BAY RWQCB (REGION 2) - CASE #: 01-0704
CASEWORKER: Regional Water Board
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 12/12/1994

Status: Open - Site Assessment
Date : 9/21/1991

Status: Open - Remediation
Date : 6/18/1991

Status: Open - Case Begin Date
Date : 6/18/1991

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Other Regulatory Actions
Action Date: 12/13/1994
Received Issue Date: 12/13/1994
Action: Closure/No Further Action Letter
Doc Link: http://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100649&enforcement_id=6059773&temptable=ENFORCEMENT
Title Description Comments:

Case Closure Letter

Action Type: Leak Action
Action Date: 6/18/1991

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 6/18/1991
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 6/18/1991
Received Issue Date:
Action: Leak Reported
Doc Link:
Title Description Comments:

LUST Sites from GeoTracker Search - Documents (as of Oct 06, 2020)

Document Type: Site Documents
Document Date: 12/13/1994
Type: CLOSURE/NO FURTHER ACTION LETTER
Title: CASE CLOSURE LETTER
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0600100649&enforcement_id=6059773
Size :
Submitted By: (REGULATOR)
Submitted:

96	*1 of 2*	*S*	*0.19 / 1,007.61*	*169.82 / -13*	***BERKELEY LINCOLN MERCURY SALES*** ***2027 CHANNING WAY*** ***BERKELEY CA 94704***	***EMISSIONS***

1987 Criteria Data

Facility ID: 2361
Facility SIC Code: 7535
CO: 1
Air Basin: SF
District: BA
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:
TOGT: 4.3
ROGT: 3.692
COT:
NOXT:
SOXT:
PMT:
PM10T:

1987 Toxic Data

Facility ID: 2361
Facility SIC Code: 7535
CO: 1
Air Basin: SF
District: BA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: ALA
DISN: BAY AREA AQMD
CHAPIS:
CERR Code:

96	*2 of 2*	*S*	*0.19 / 1,007.61*	*169.82 / -13*	***HUSTEAD'S INC*** ***2027 CHANNING WAY*** ***BERKELEY CA 94704***	***EMISSIONS***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

1990 Criteria Data

Facility ID:	5545	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	1.8
CO:	1	***ROGT:***	1.7424
Air Basin:	SF	***COT:***	
District:	BA	***NOXT:***	
COID:	ALA	***SOXT:***	
DISN:	BAY AREA AQMD	***PMT:***	
CHAPIS:		***PM10T:***	

1990 Toxic Data

Facility ID:	5545	***COID:***	ALA
Facility SIC Code:	7532	***DISN:***	BAY AREA AQMD
CO:	1	***CHAPIS:***	
Air Basin:	SF	***CERR Code:***	
District:	BA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
97	*1 of 1*	*NNW*	*0.19 / 1,016.47*	*188.27 / 5*	***SPRINT NEXTEL CELL SITE-FN03XC010*** ***2054 UNIVERSITY AVENUE #210*** ***CA***	***BERKELEY CUPA***

Facility ID: FA0000667

Additional Information

Program Element:	4200 - HMBP	***Postal Address:***	6480 SPRINT PARKWAY, KSOPHM0516-5B872
Billing Status:	02 - INACTIVE, NON-BILLABLE	***Postal Address 2:***	
Owner:	SPRINT/ UNITED MANAGEMENT CO.	***Postal State:***	KS
City:	OVERLAND PARK	***Postal Zip:***	66251

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
98	*1 of 2*	*W*	*0.19 / 1,022.29*	*155.35 / -27*	***BUSD - BERKELEY HIGH SCHOOL*** ***2223 Martin Luther King, Jr. WAY*** ***CA***	***BERKELEY CUPA***

Facility ID: FA0000331

Additional Information

Program Element:	4200 - HMBP	***Postal Address:***	2134 MARTIN LUTHER KING JR. WAY
Billing Status:	01 - ACTIVE, CUPA	***Postal Address 2:***	
Owner:	BERKELEY UNIFIED SCHOOL DISTRICT	***Postal State:***	CA
City:	BERKELEY	***Postal Zip:***	94703
Program Element:	4400 - HAZ WASTE GENERATOR	***Postal Address:***	2134 MARTIN LUTHER KING JR. WAY
Billing Status:	01 - ACTIVE, CUPA	***Postal Address 2:***	
Owner:	BERKELEY UNIFIED SCHOOL DISTRICT	***Postal State:***	CA
City:	BERKELEY	***Postal Zip:***	94703

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
98	*2 of 2*	*W*	*0.19 / 1,022.29*	*155.35 / -27*	***BERKELEY USD/ BERKELEY HIGH SCHOOL*** ***2223 MARTIN LUTHER KING JR WAY*** ***BERKELEY CA 94704-1437***	***RCRA NON GEN***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

EPA Handler ID:	CAL000279428
Gen Status Universe:	No Report
Contact Name:	TIMOTHY WHITE
Contact Address:	1707 RUSSELL ST, , BERKELEY, CA, 94703,
Contact Phone No and Ext:	510-644-6066
Contact Email:	LORENNAKAMURA@BERKELEY.NET
Contact Country:	
County Name:	ALAMEDA
EPA Region:	09
Land Type:	
Receive Date:	20040225

Violation/Evaluation Summary

Note:	NO RECORDS: As of Oct 2020, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20040225
Handler Name:	BERKELEY USD/ BERKELEY HIGH SCHOOL
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	2020 BONAR ST
Name:	BERKELEY UNIFIED SCHOOL DISTRICT	***Street 2:***	
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-644-6066	***Country:***	
Source Type:	Implementer	***Zip Code:***	94702-1793
Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	1707 RUSSELL ST
Name:	TIMOTHY WHITE	***Street 2:***	
Date Became Current:		***City:***	BERKELEY
Date Ended Current:		***State:***	CA
Phone:	510-644-6066	***Country:***	
Source Type:	Implementer	***Zip Code:***	94703

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
99	1 of 1	NNW	0.20 / 1,037.63	182.10 / -1	UC BERKELEY CORP YARD 2000 MILVIA ST BERKELEY CA 94720	LUST

Global ID: T0600101400
Status: COMPLETED - CASE CLOSED
Status Date: 1/24/1996
Case Type: LUST CLEANUP SITE
Date Source: LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download
County: ALAMEDA
Latitude: 37.871765
Longitude: -122.2701

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

RB Case No: 01-1516
Local Case No: 01-1516
Begin Date: 7/13/1988
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Local Agency: BERKELEY, CITY OF
CUF Case: NO
Potential Media of Concern: Other Groundwater (uses other than drinking water)
How Discovered Description:
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
DWR GW Subbasin Name: Santa Clara Valley - East Bay Plain (2-009.04)
Disadvantaged Community: Disadvantaged Community
Site History:
Potential COC: Gasoline
How Discovered: Tank Closure
Stop Method:
Stop Description:
Case Worker: UUU
File Location:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

Action Type: Other
Date : 7/13/1988
Action: Leak Discovery

Action Type: Other
Date : 7/13/1988
Action: Leak Reported

Action Type: Other
Date : 7/13/1988
Action: Leak Stopped

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts(as Nov 16 2020)

Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
City: OAKLAND
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
Email:
Phone No:

Contact Type: Local Agency Caseworker
Contact Name: GEOFFERY FIEDLER
City: BERKELEY
Organization Name: BERKELEY, CITY OF
Address: 2118 MILVIA STREET 3RD FLOOR
Email: gfiedler@ci.berkeley.ca.us
Phone No:

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History(as Nov 16 2020)

Status: Completed - Case Closed
Status Date: 1/24/1996

Status: Open - Site Assessment
Status Date: 1/22/1994

Status: Open - Case Begin Date
Status Date: 7/13/1988

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

LUST Sites from GeoTracker Search - Regulatory Profile (as of Oct 06, 2020)

Site Facility Name:	UC BERKELEY CORP YARD	***Potential COC:***	GASOLINE
Site Facility Type:	LUST CLEANUP SITE	***Facility Type:***	
Cleanup Status:	COMPLETED - CASE CLOSED	***Composting Method:***	
Project Status:		***Address:***	2000 MILVIA ST
WDR Place Type:		***City:***	BERKELEY
WDR File:		***Zip:***	94720
WDR Order:		***County:***	ALAMEDA
CUF Priority Assig:		***CUF Claim:***	
CUF Amount Paid:			

File Location:
Designated Beneficial Use: MUN, AGR, IND, PROC
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=T0600101400
Cleanup Status Detail: COMPLETED - CASE CLOSED AS OF 1/24/1996
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0600101400&tabname=regulatoryhistory
Potential Media of Concern: OTHER GROUNDWATER (USES OTHER THAN DRINKING WATER)
User Defined Beneficial Use:
DWR GW Sub Basin: Santa Clara Valley - East Bay Plain (2-009.04)
Calwater Watershed Name: Bay Bridges - Berkeley (203.30)
Post Closure Site Management:
Future Land Use:
Cleanup Oversight Agencies: SAN FRANCISCO BAY RWQCB (REGION 2) (LEAD) - CASE #: 01-1516
CASEWORKER: Regional Water Board
BERKELEY, CITY OF - CASE #: 01-1516
CASEWORKER: GEOFFERY FIEDLER
Gndwater Monitoring Freque:
Designated Beneficial Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History (as of Oct 06, 2020)

Status: Completed - Case Closed
Date : 1/24/1996

Status: Open - Site Assessment
Date : 1/22/1994

Status: Open - Case Begin Date
Date : 7/13/1988

LUST Sites from GeoTracker Search - Regulatory Activities (as of Oct 06, 2020)

Action Type: Leak Action
Action Date: 7/13/1988
Received Issue Date:
Action: Leak Discovery
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 7/13/1988
Received Issue Date:
Action: Leak Stopped
Doc Link:
Title Description Comments:

Action Type: Leak Action
Action Date: 7/13/1988
Received Issue Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Action: Leak Reported
Doc Link:
Title Description Comments:

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100 | **1 of 1** | **SSE** | **0.20 / 1,046.44** | **182.53 / 0** | **TOYOTA OF BERKELEY**
2400 SHATTUCK AVE
BERKELEY CA 94704 | **DELISTED LST**

Delisted Leaking Storage Tanks

Global ID: T0600101378
Case Type: LUST Cleanup Site
Status: Open - Inactive
Status Date: 2014-03-04 00:00:00
RB Case No: 01-1493
Loc Case No: TT01-1493
Case Worker: REL
Local Agency: BERKELEY, CITY OF
Claim Case No:
Site Name:
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
File Location:
Cal Water Watershed Name: Bay Bridges - Berkeley (203.30)
DWR Groundwater Sub Basin: Santa Clara Valley - East Bay Plain (2-9.04)
Proposed UST Closure:
Orig Address:
Original Source: LUST
Record Date: 14-AUG-2017
Contam of Concern:

Comments Deadline:
CUF Case: NO
Begin Date: 1990-08-24 00:00:00
How Discovered: Tank Closure
Stop Method:
County: Alameda
Latitude: 37.865854
Longitude: -122.266984

Waste Oil / Motor / Hydraulic / Lubricating

Potential Media Affected:

Under Investigation

How Discover Desc:

Stop Description:

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101 | **1 of 4** | **WNW** | **0.20 / 1,068.29** | **157.48 / -25** | **CITY OF BERKELEY- PUBLIC SAFETY BUILDING**
2100 Martin Luther King, Jr. WAY
CA | **BERKELEY CUPA**

Facility ID: FA0000347

Additional Information

Program Element: 4100 - UST FACILITY
Billing Status: 01 - ACTIVE, CUPA
Owner: City of Berkeley
City: Berkeley
Postal Address: 2180 Milvia Street
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Program Element: 4200 - HMBP
Billing Status: 01 - ACTIVE, CUPA
Owner: City of Berkeley
City: Berkeley
Postal Address: 2180 Milvia Street
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Program Element: 4400 - HAZ WASTE GENERATOR
Billing Status: 01 - ACTIVE, CUPA
Owner: City of Berkeley
City: Berkeley
Postal Address: 2180 Milvia Street
Postal Address 2:
Postal State: CA
Postal Zip: 94704

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Program Element: SW02 - STORMWATER
Billing Status: 01 - ACTIVE, CUPA
Owner: City of Berkeley
City: Berkeley
Postal Address: 2180 Milvia Street
Postal Address 2:
Postal State: CA
Postal Zip: 94704

101 | **2 of 4** | **WNW** | **0.20 / 1,068.29** | **157.48 / -25** | **CITY OF BERKELEY- PUBLIC SAFETY BUILDING 2100 MARTIN LUTHER KING JR. WAY BERKELEY CA 94704** | **CERS TANK**

Site ID: 19433
County: Alameda County
Latitude: 37.869610
Longitude: -122.273370

Regulated Programs

EI ID: 10196395
EI Description: Underground Storage Tank

EI ID: 10196395
EI Description: Hazardous Waste Generator

EI ID: 10196395
EI Description: Chemical Storage Facilities

Violations

Violation Date: 10/02/2018
Violation Source: CERS
Violation Program: UST
Violation Division: Berkeley City Toxics Management Division
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Notes:

Returned to compliance on 01/11/2019.

Violation Description:

Failure to comply with one or more of the following overfill prevention equipment requirements:
Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or
Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or
Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or
Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements when the overfill prevention equipment is installed, repaired, or replaced on and after October 1, 2018.

For USTs installed before October 1, 2018, perform an inspection by October 13, 2018 and every 36 months thereafter.

For USTs installed on and after October 1, 2018, perform an inspection at installation and every 36 months thereafter.

Inspected within 30 days after a repair to the overfill prevention equipment.

Inspected using an applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer.

Inspected by a certified UST service technician.

Maintain records of overfill prevention equipment inspection for 36 months.

Violations

Violation Date: 10/16/2014
Violation Source: CERS
Violation Program: UST
Violation Division: Berkeley City Toxics Management Division
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Returned to compliance on 11/14/2014. needs to upload financial Resp docs and monitoring cert

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 10/16/2013 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.7 Multiple Sections - California Health and Safety Code, Chapter 6.7, Section(s) Multiple Sections
Violation Notes:

Returned to compliance on 11/13/2013. DO training needs updating

Violation Description:

UST Program - Training - General

Violations

Violation Date: 10/16/2013 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Notes:

Returned to compliance on 11/15/2013.

Violation Description:

Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

Violations

Violation Date: 10/02/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Notes:

Returned to compliance on 03/10/2020. The overfill mechanism for this UST system cannot be a flapper valve per the October 15, 2008, UST inspection violation. Flappers do not properly engage unless a UST is filled with a tightly fitting hose. This UST is not filled with a tight fill. Therefore, the audible visual alarm needs to be inspected and in proper working order, and an Overfill Inspection report form needs to be submitted for the inspection. The probe was pulled and the float was cleaned during the inspection. The conduit for the probe appeared cracked and dirty. After cleaning, the probe was tested for high and low product levels and passed. Please submit a corrected overfill inspection report for this system that reports the inspection of the audible/visual alarm.

Violation Description:

Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.

Violations

Violation Date: 11/13/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Berkeley City Toxics Management Division
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Crime Scene techs need hazmat training.

Violation Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Enforcements

Enf Action Date: 10/16/2013
Enf Action Program: UST
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Source: CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Enf Action Date: 10/16/2014
Enf Action Program: UST
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Source: CERS
Enf Action Division: Berkeley City Toxics Management Division
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes:

Evaluations

Eval Date: 10/16/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 10/06/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Routine, annual HMBP, Hazardous Waste, Stormwater inspection and Underground storage tank monitoring system certification inspection. All sensors were tested and passed. Designated operator monthly test were available for review. City Representative present for inspection was Ed Silva.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/07/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

No violations noted during the inspection, new PW representative is Don Colbert (present for the inspection). The CERS submittal was up to date for the 2016 reporting period.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 10/16/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Berkeley City Toxics Management Division
Eval Program: HW
Eval Source: CERS
Eval Notes: