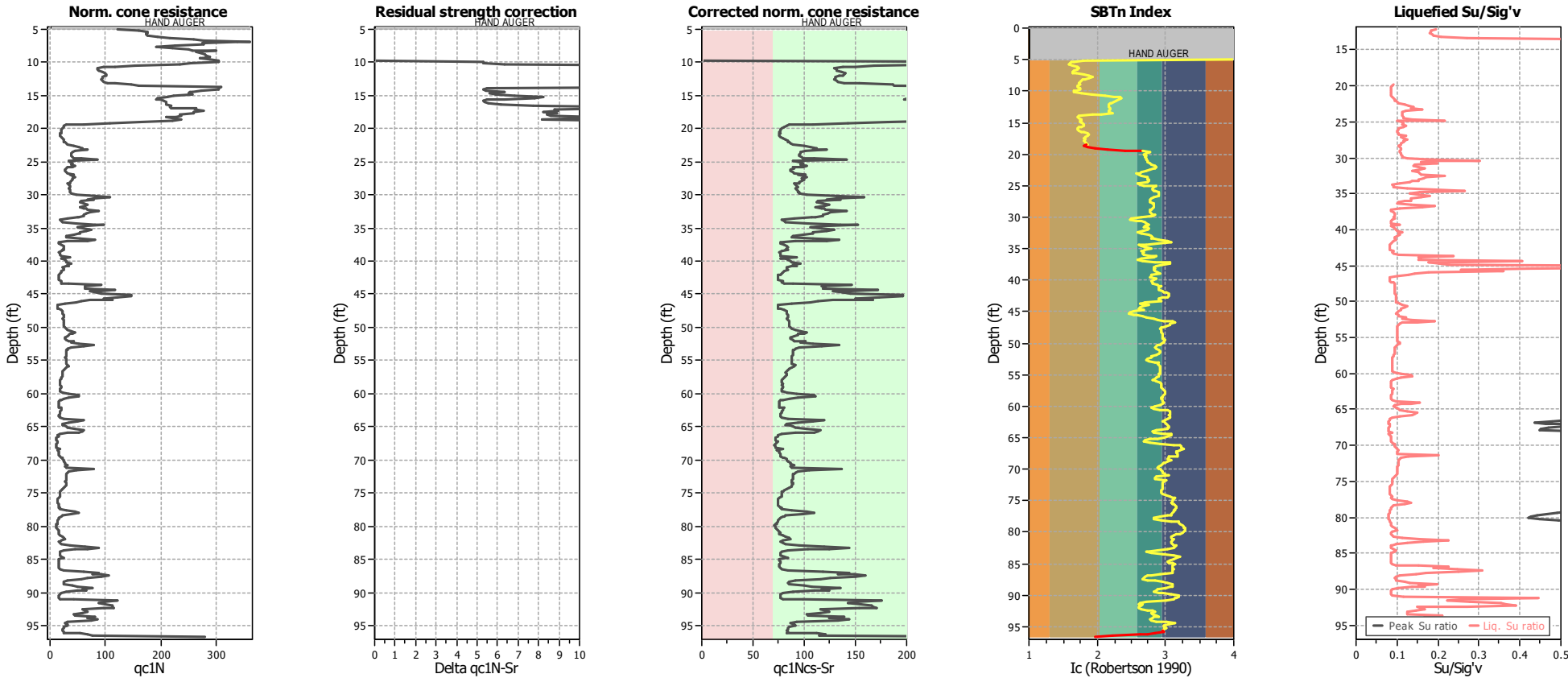


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Check for strength loss plots (Idriss & Boulanger (2008))



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 _c 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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Berkeley, CA 94710

LIQUEFACTION ANALYSIS REPORT

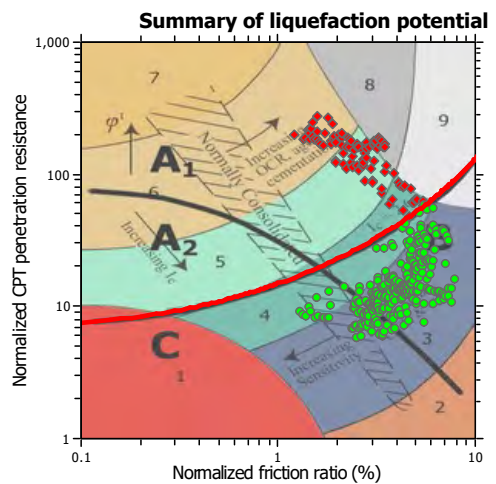
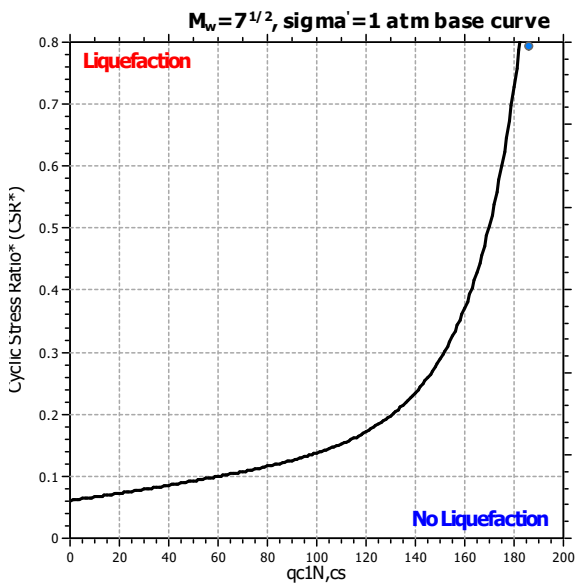
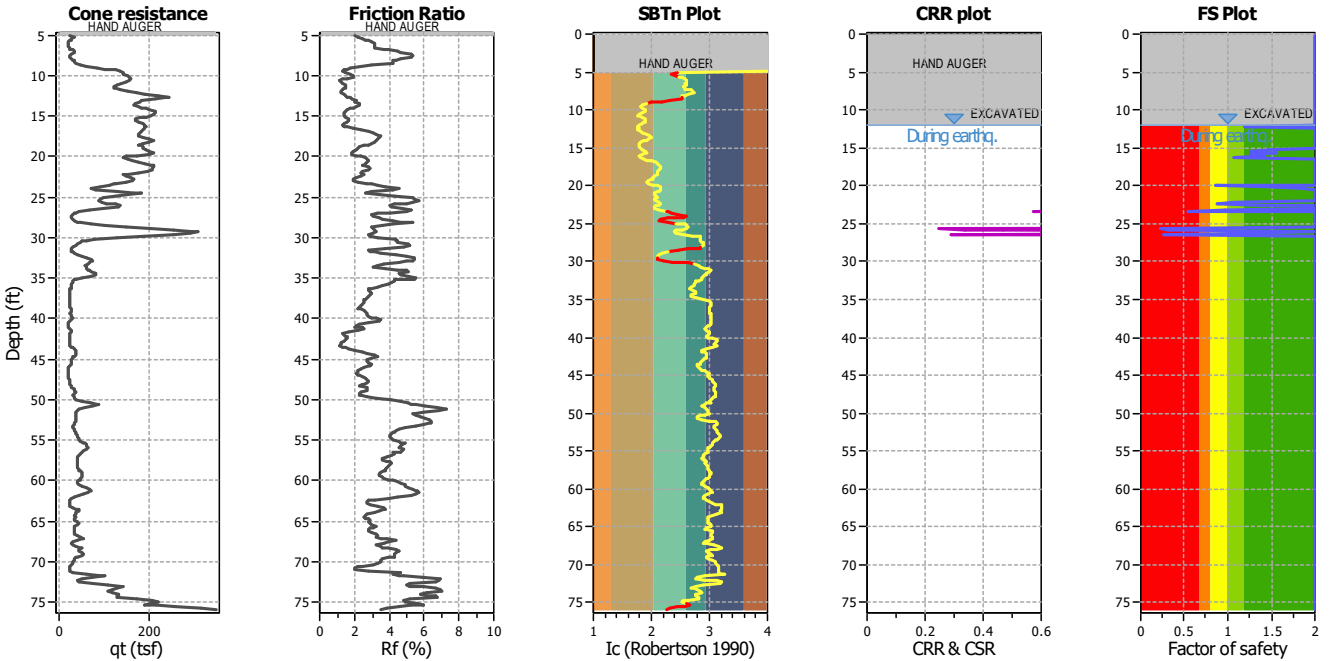
Project title : 1114-10A - Berkeley Plaza

Location :

CPT file : CPT-4

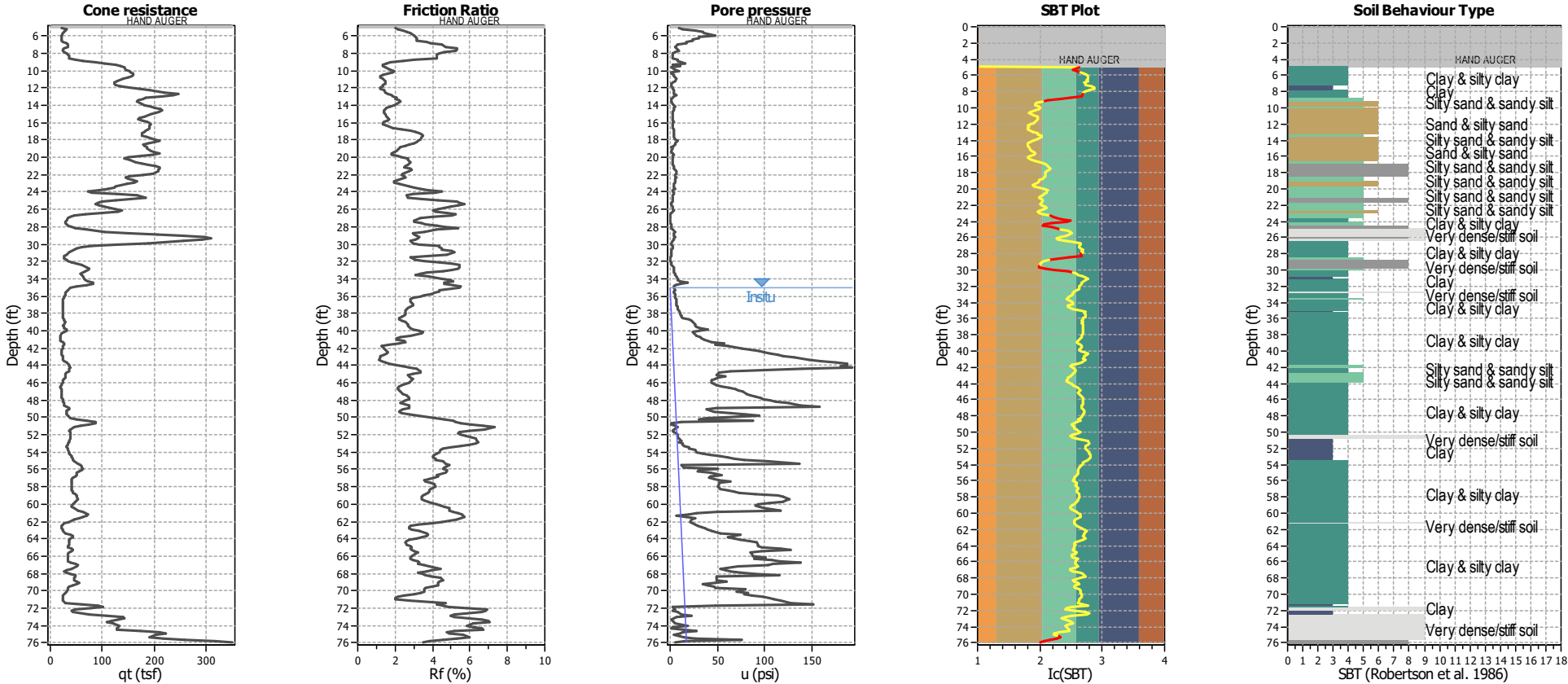
Input parameters and analysis data

| | | | | | | | |
|------------------------------|-------------------|---------------------------|--------------|-------------------------|----------|----------------------|--------------|
| Analysis method: | B&I (2014) | G.W.T. (in-situ): | 35.00 ft | Excavation: | Yes | Clay like behavior | |
| Fines correction method: | B&I (2014) | G.W.T. (earthq.): | 12.00 ft | Excavation depth: | 12.00 ft | applied: | Sands only |
| Points to test: | Based on Ic value | Average results interval: | 3 | Footing load: | 1.00 tsf | Limit depth applied: | No |
| Earthquake magnitude M_w : | 7.33 | Ic cut-off value: | 2.60 | Trans. detect. applied: | Yes | Limit depth: | N/A |
| Peak ground acceleration: | 1.01 | Unit weight calculation: | Based on SBT | K_v applied: | Yes | MSF method: | Method based |



Zone A: Cyclic liquefaction likely depending on size and duration of cyclic loading
 Zone A2: 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

CPT basic interpretation plots



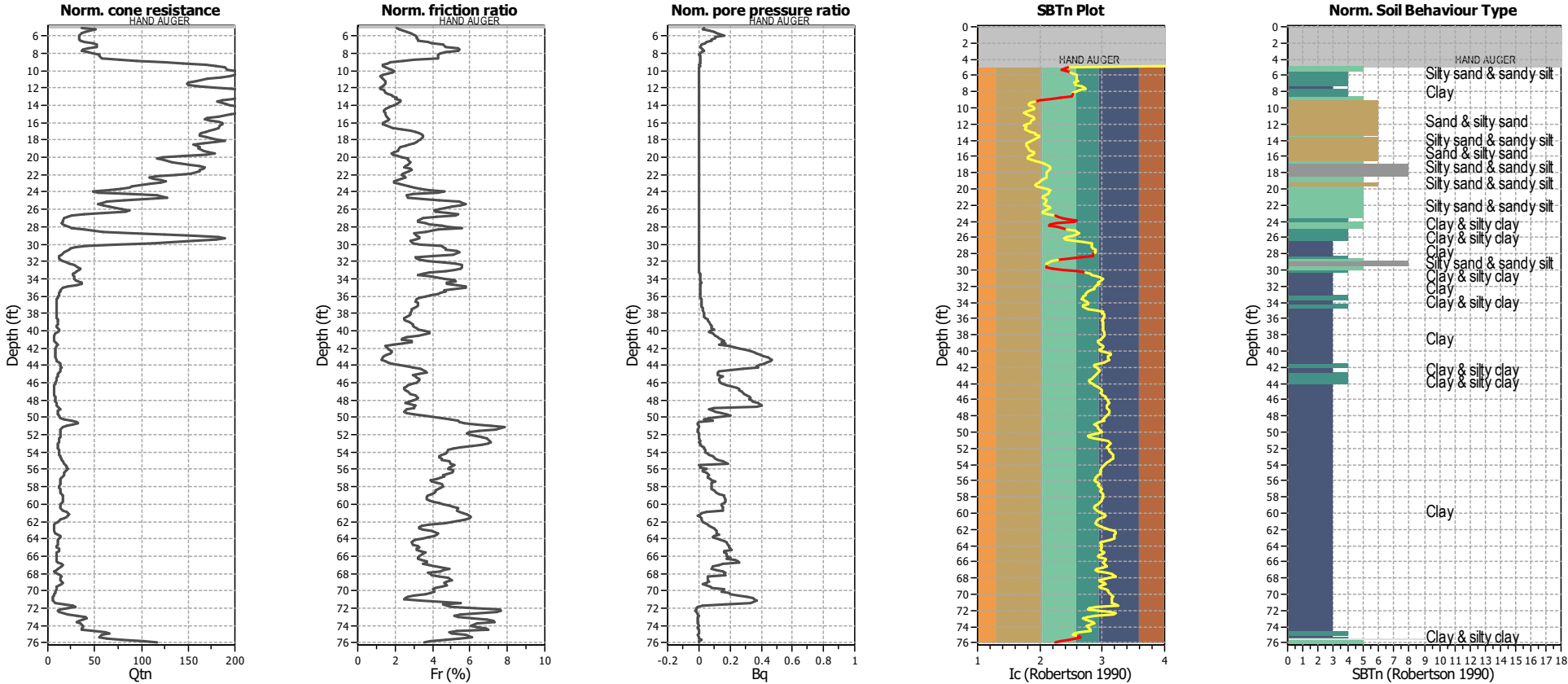
Input parameters and analysis data

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

CPT basic interpretation plots (normalized)



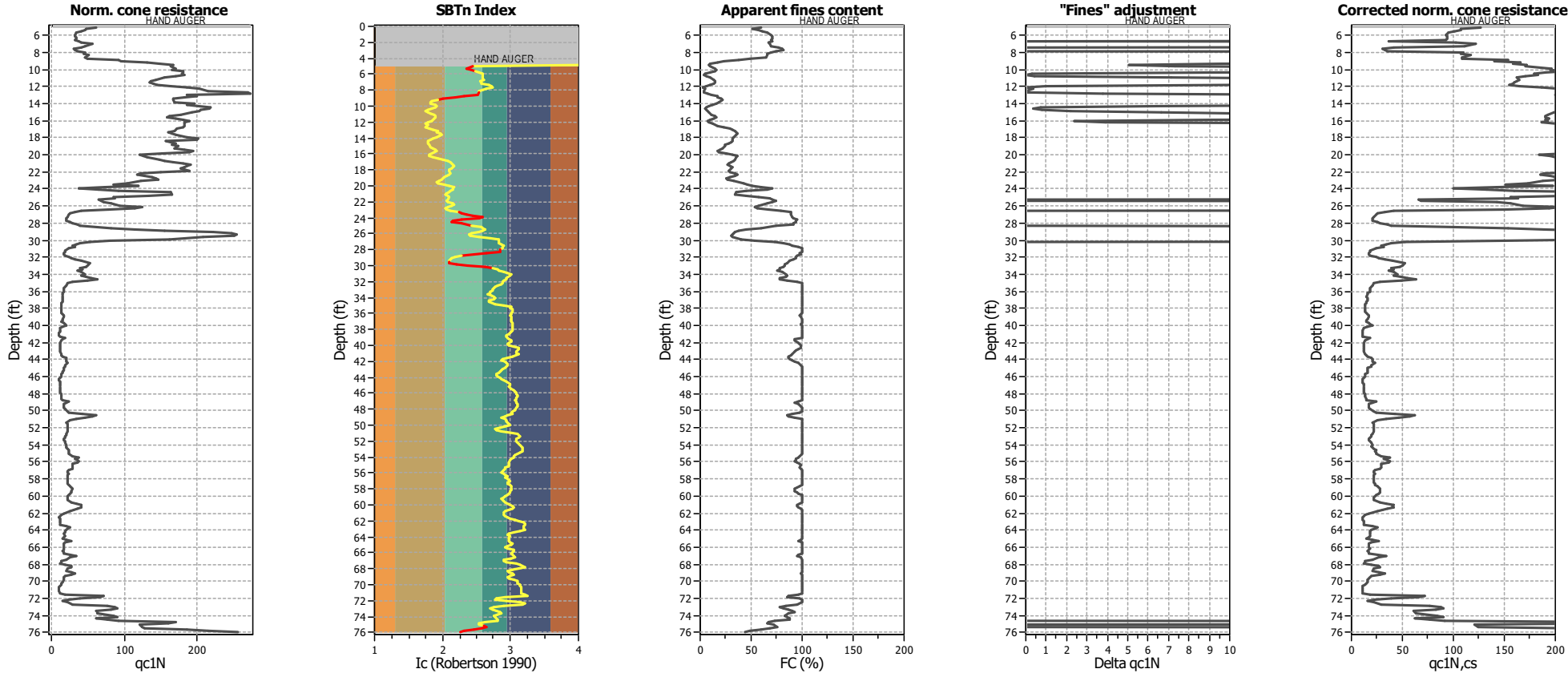
Input parameters and analysis data

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

Liquefaction analysis overall plots (intermediate results)

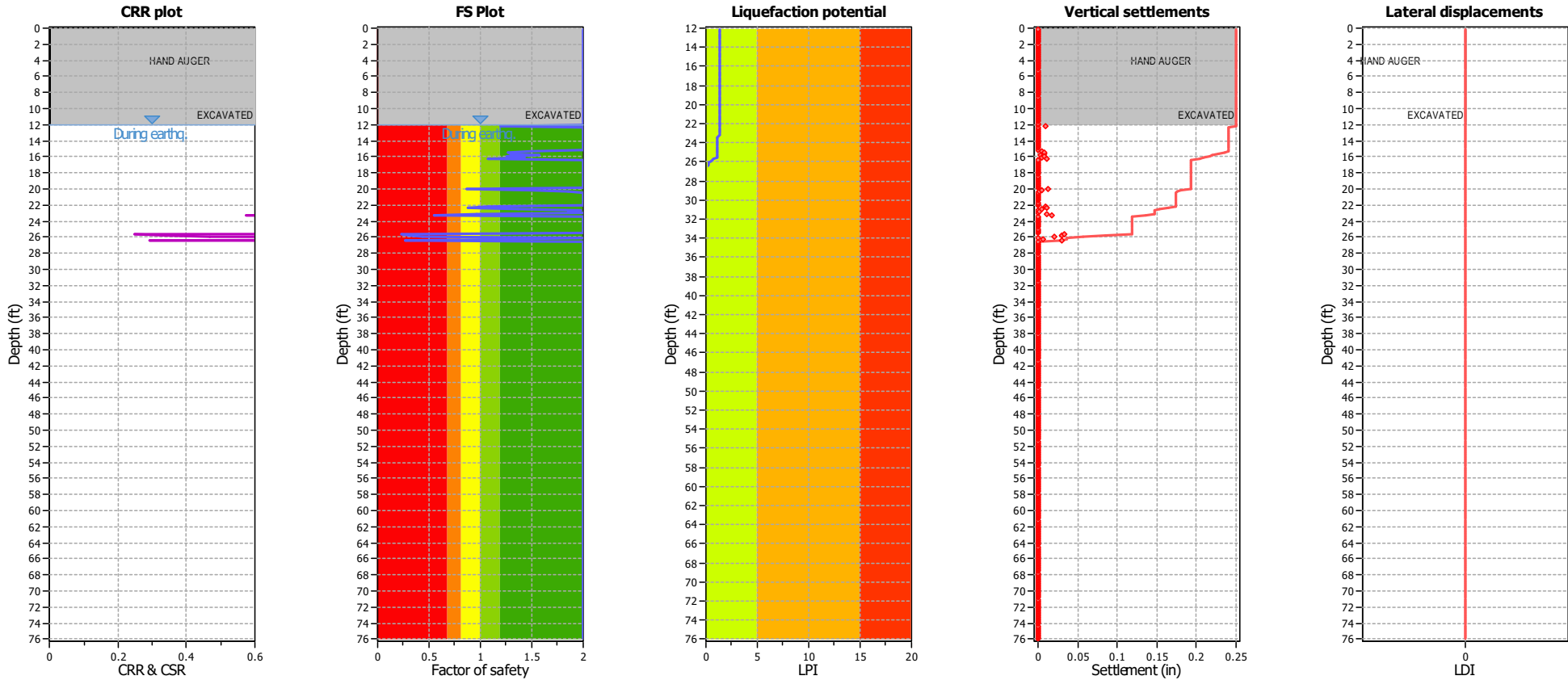


Input parameters and analysis data

| | | | | | |
|---------------------------------------|-------------------|---------------------------|--------------|-----------------------------|------------|
| 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 (earthq.): | 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 I _c value | I _c 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 |

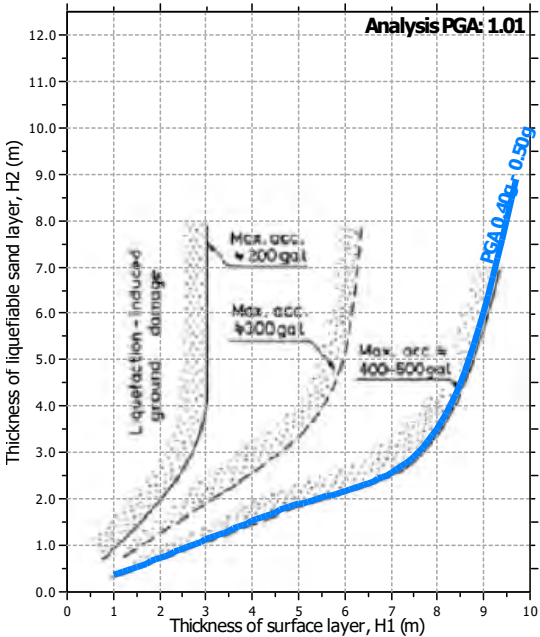
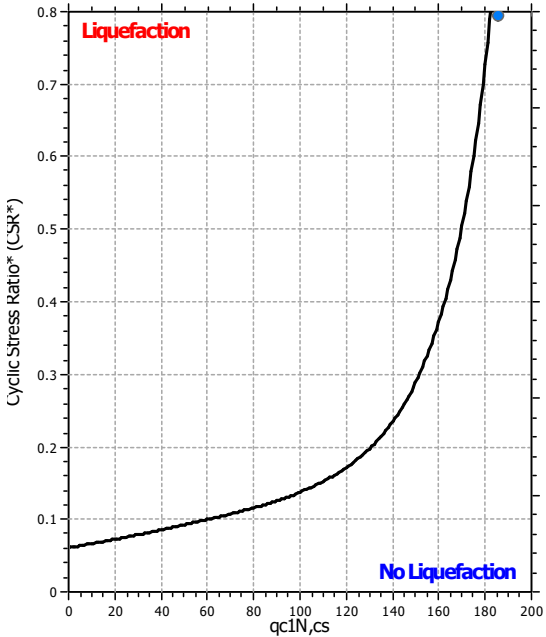
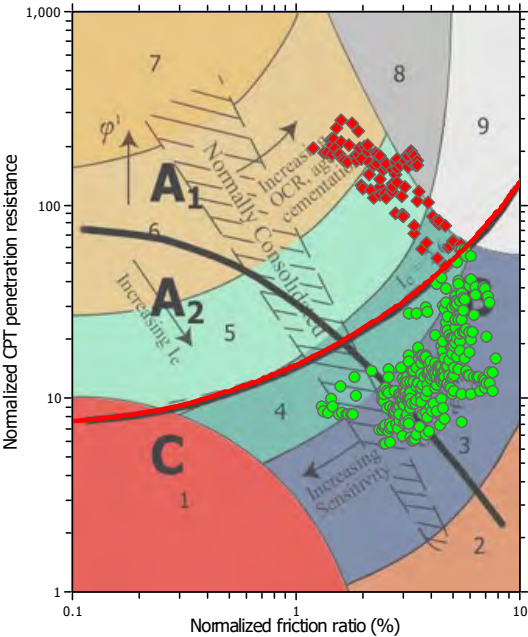
F.S. color scheme

- 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

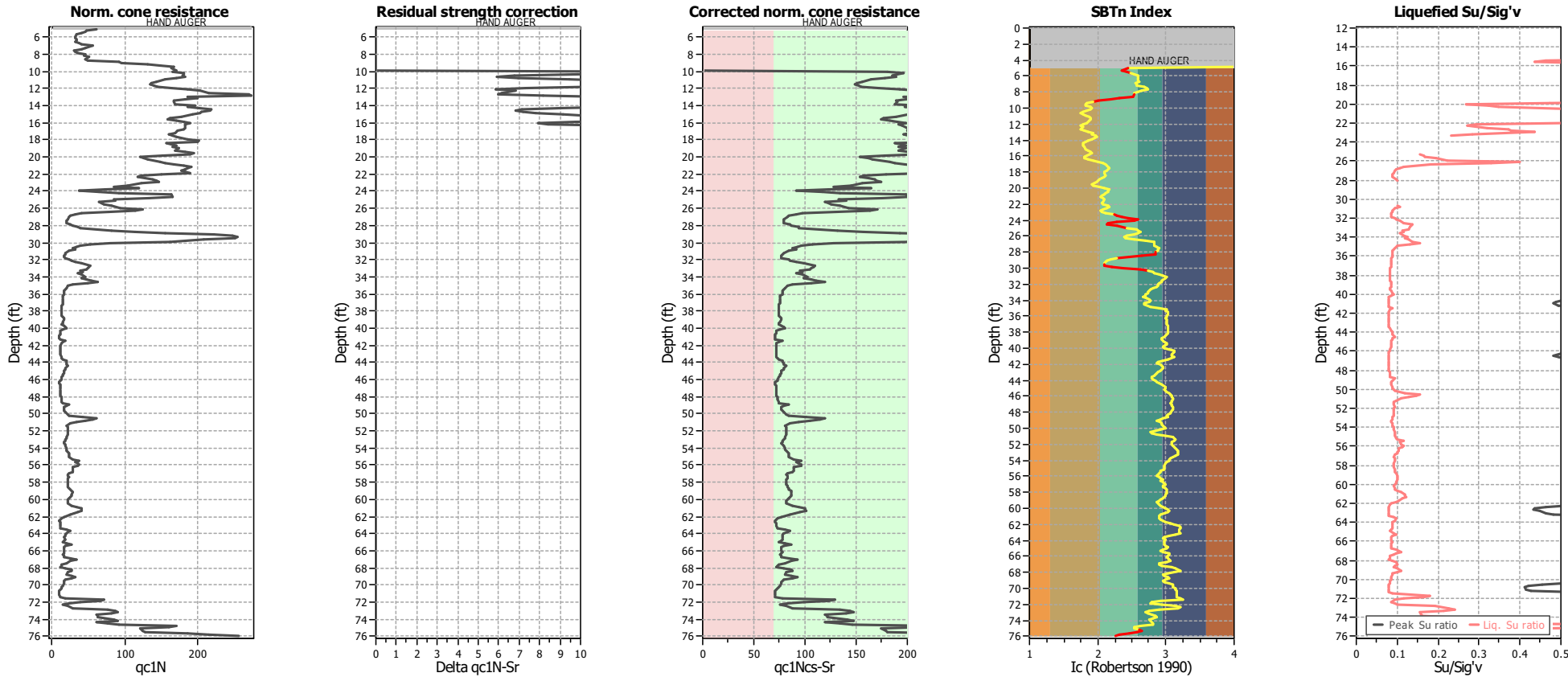


Input parameters and analysis data

| | | | | | |
|--------------------------------|----------------------|---------------------------|--------------|-----------------------------|------------|
| 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 I_c value | I_c cut-off value: | 2.60 | K_c 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_c 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 REPORT

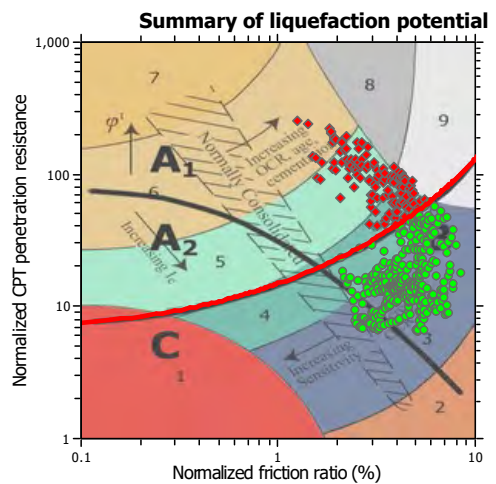
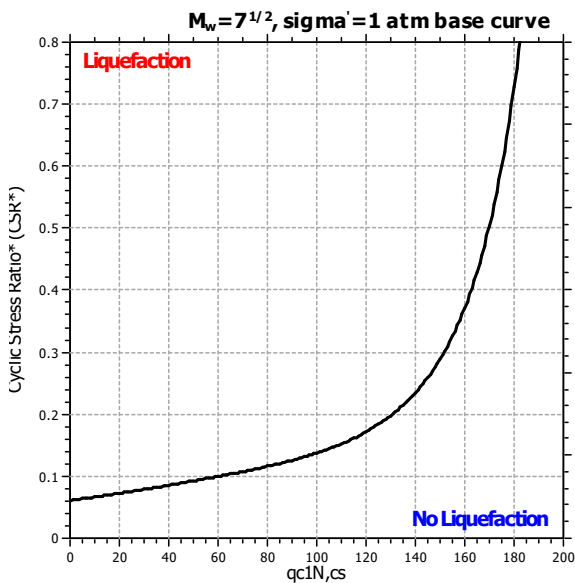
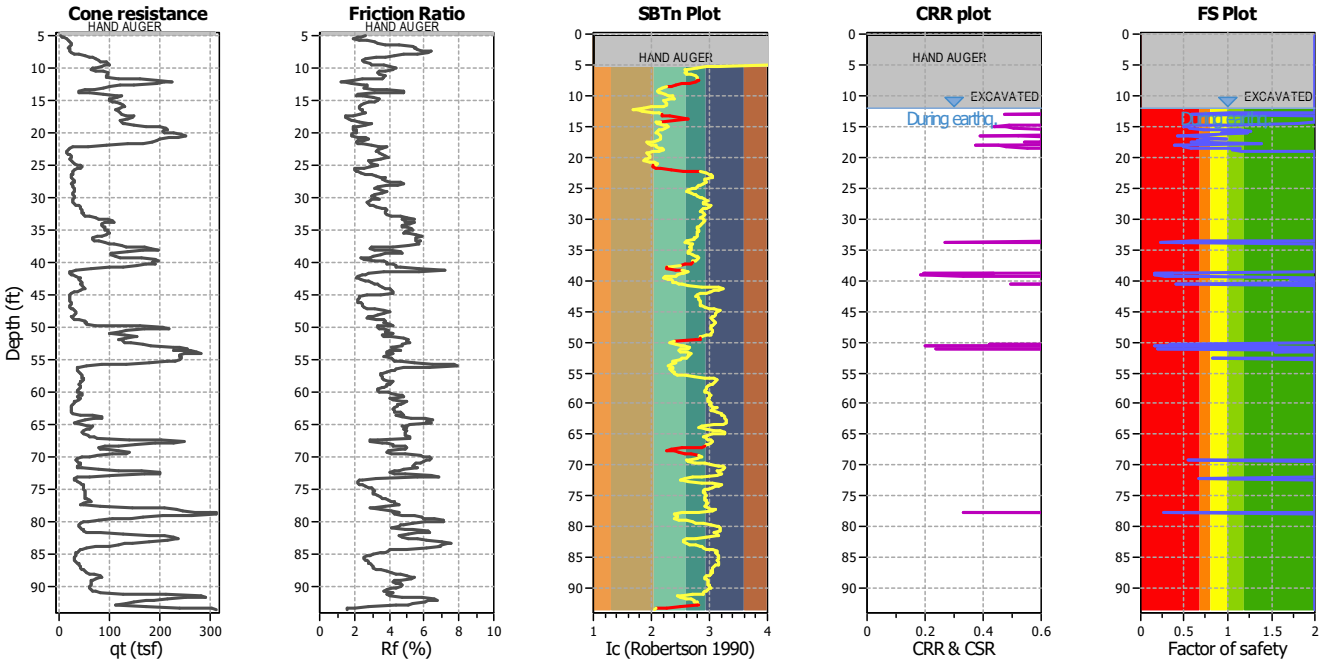
Project title : 1114-10A - Berkeley Plaza

Location :

CPT file : CPT-5

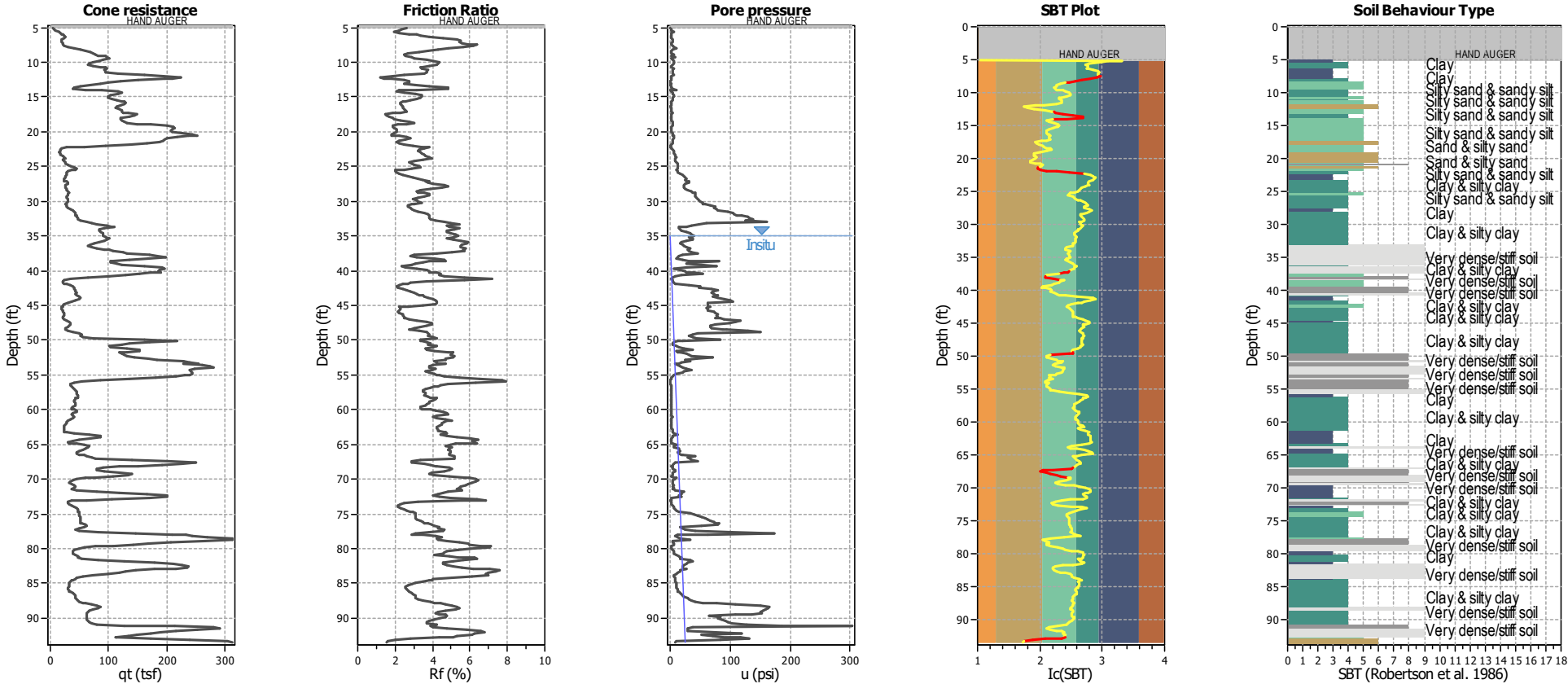
Input parameters and analysis data

| | | | | | | | |
|------------------------------|-------------------|---------------------------|--------------|-------------------------|----------|----------------------|--------------|
| Analysis method: | B&I (2014) | G.W.T. (in-situ): | 35.00 ft | Excavation: | Yes | Clay like behavior | |
| Fines correction method: | B&I (2014) | G.W.T. (earthq.): | 12.00 ft | Excavation depth: | 12.00 ft | applied: | Sands only |
| Points to test: | Based on Ic value | Average results interval: | 3 | Footing load: | 1.00 tsf | Limit depth applied: | No |
| Earthquake magnitude M_w : | 7.33 | Ic cut-off value: | 2.60 | Trans. detect. applied: | Yes | Limit depth: | N/A |
| Peak ground acceleration: | 1.01 | Unit weight calculation: | Based on SBT | K_v applied: | Yes | MSF method: | Method based |



Zone A₁: Cyclic liquefaction likely depending on size and duration of cyclic loading
 Zone A₂: 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

CPT basic interpretation plots



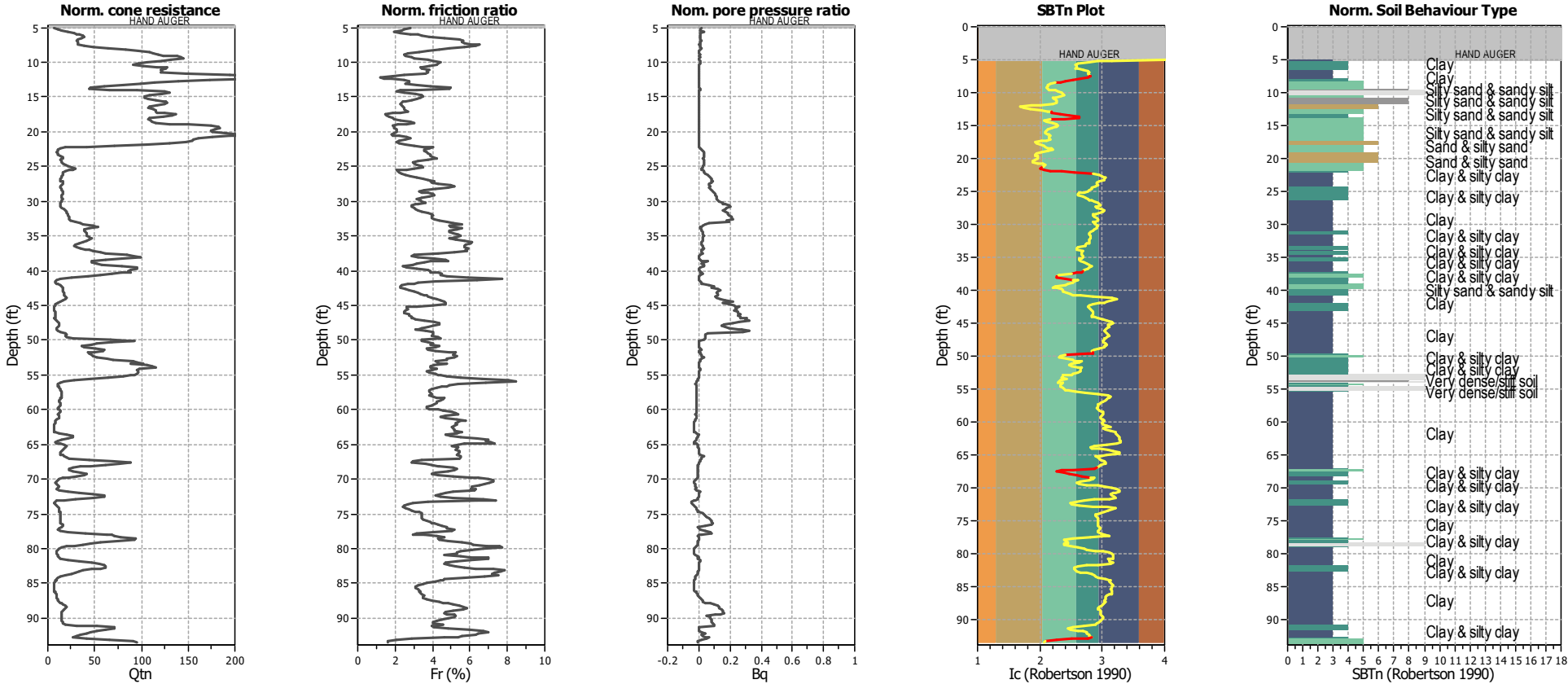
Input parameters and analysis data

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

CPT basic interpretation plots (normalized)



Input parameters and analysis data

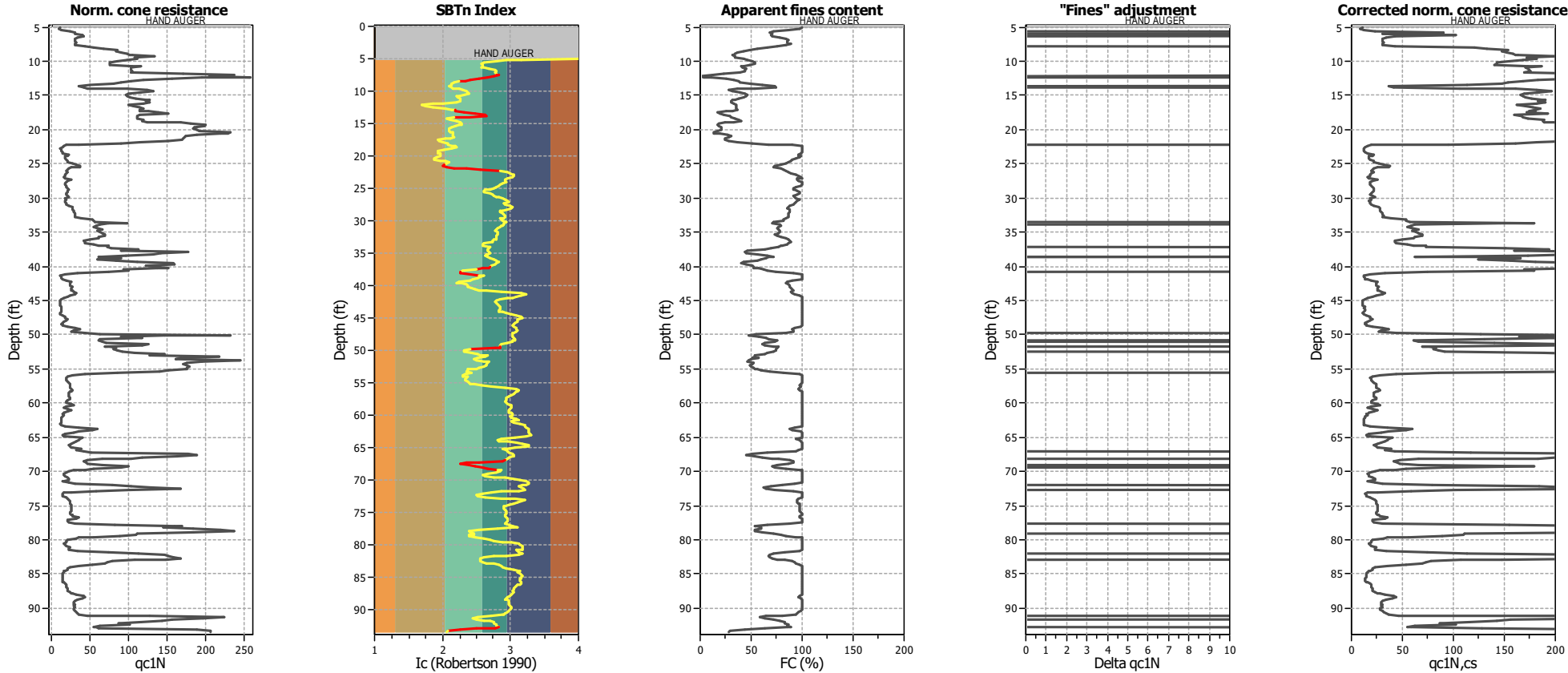
| | | | | | |
|---------------------------------------|-------------------|---------------------------|--------------|-----------------------------|------------|
| Analysis method: | B&I (2014) | Depth to GWT (erthq.): | 12.00 ft | Footing load: | 1.00 tsf |
| Fines correction method: | B&I (2014) | Average results interval: | 3 | Transition detect. applied: | Yes |
| Points to test: | Based on Ic value | Ic cut-off value: | 2.60 | K _c 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 | 4. Clayey silt to silty | 7. Gravely sand to sand |
| 2. Organic material | 5. Silty sand to sandy silt | 8. Very stiff sand to |
| 3. Clay to silty clay | 6. Clean sand to silty sand | 9. Very stiff fine grained |

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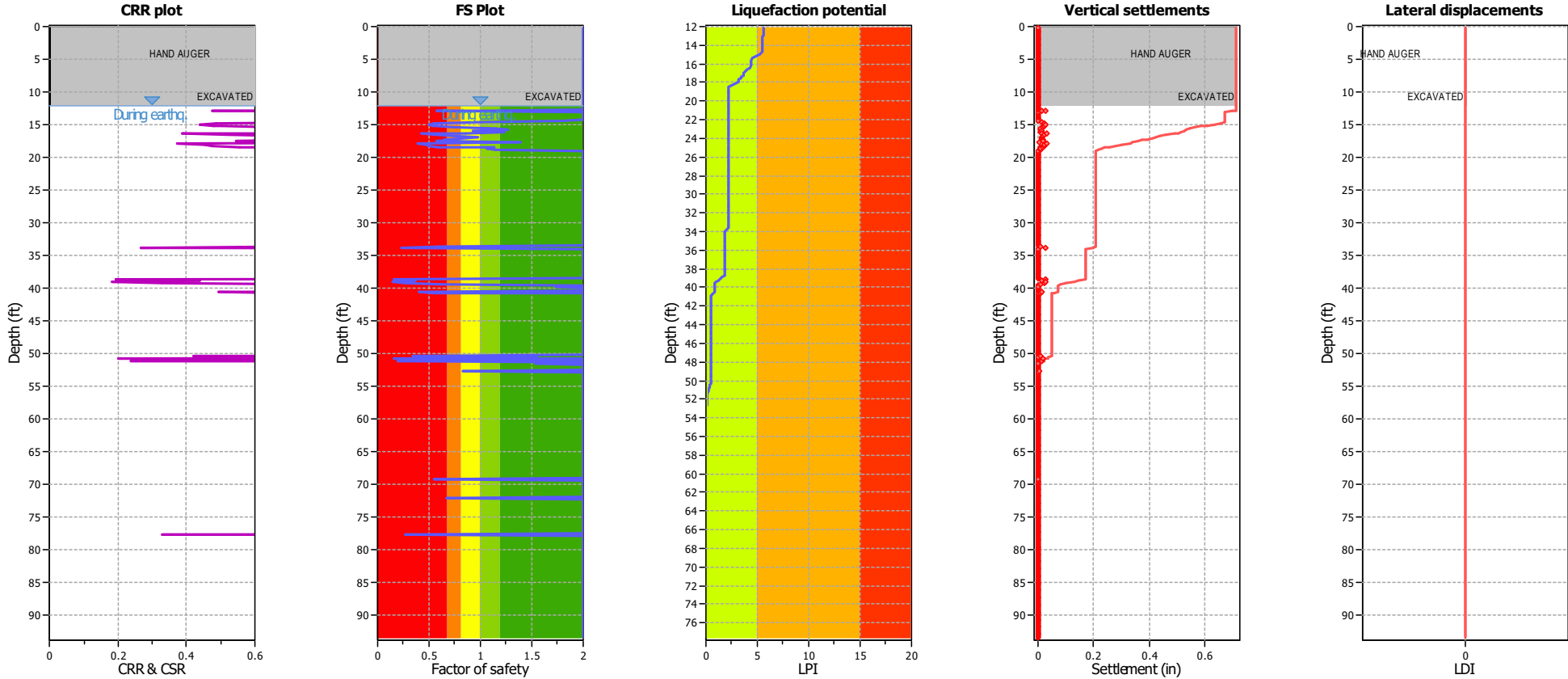
Liquefaction analysis overall plots (intermediate results)



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 _c 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 |

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 I _c value | I _c 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 |

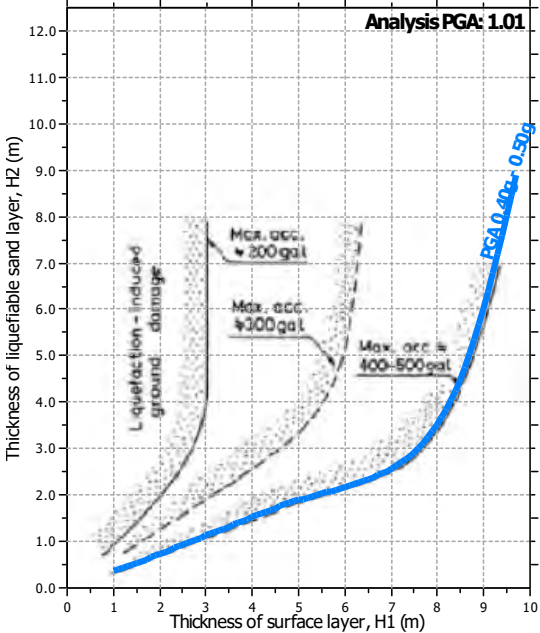
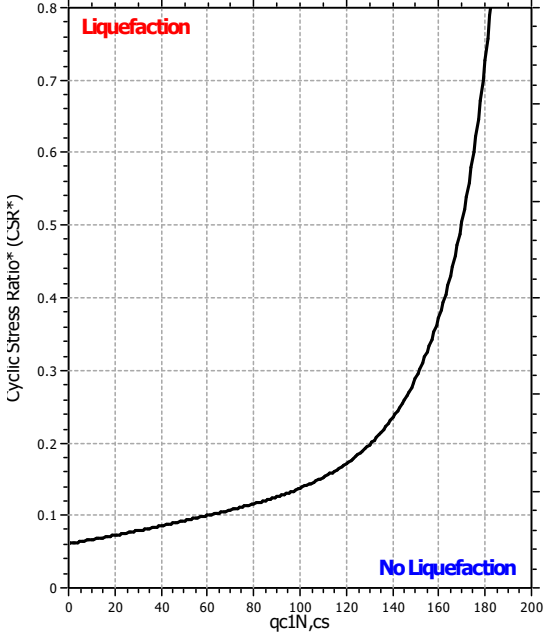
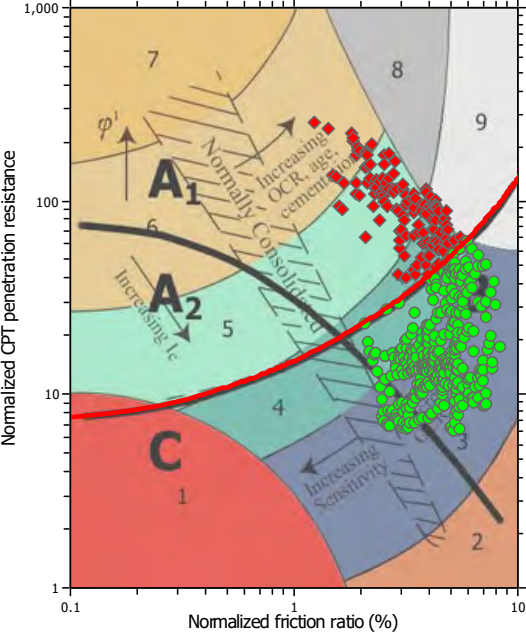
F.S. color scheme

- 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

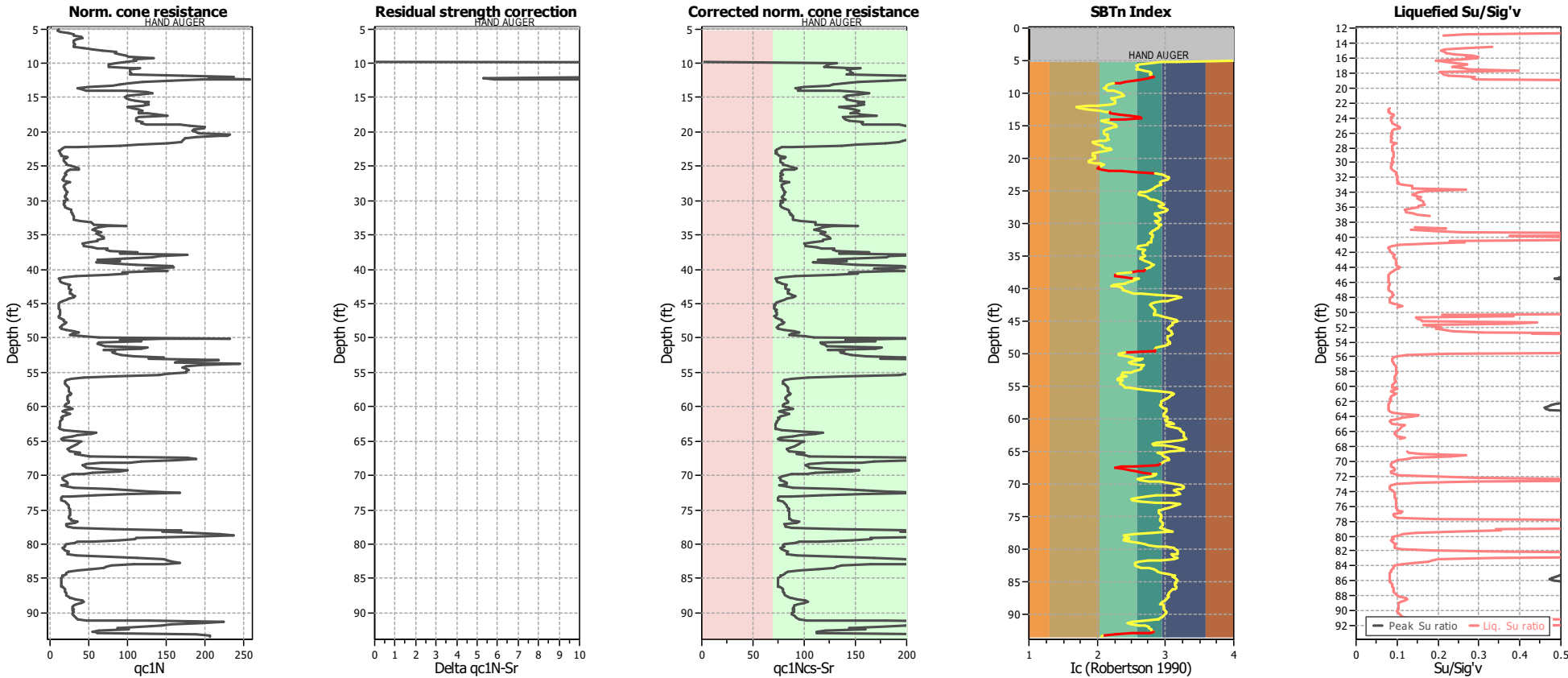


Input parameters and analysis data

| | | | | | |
|---------------------------------------|-------------------|---------------------------|--------------|-----------------------------|------------|
| 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 _c 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))

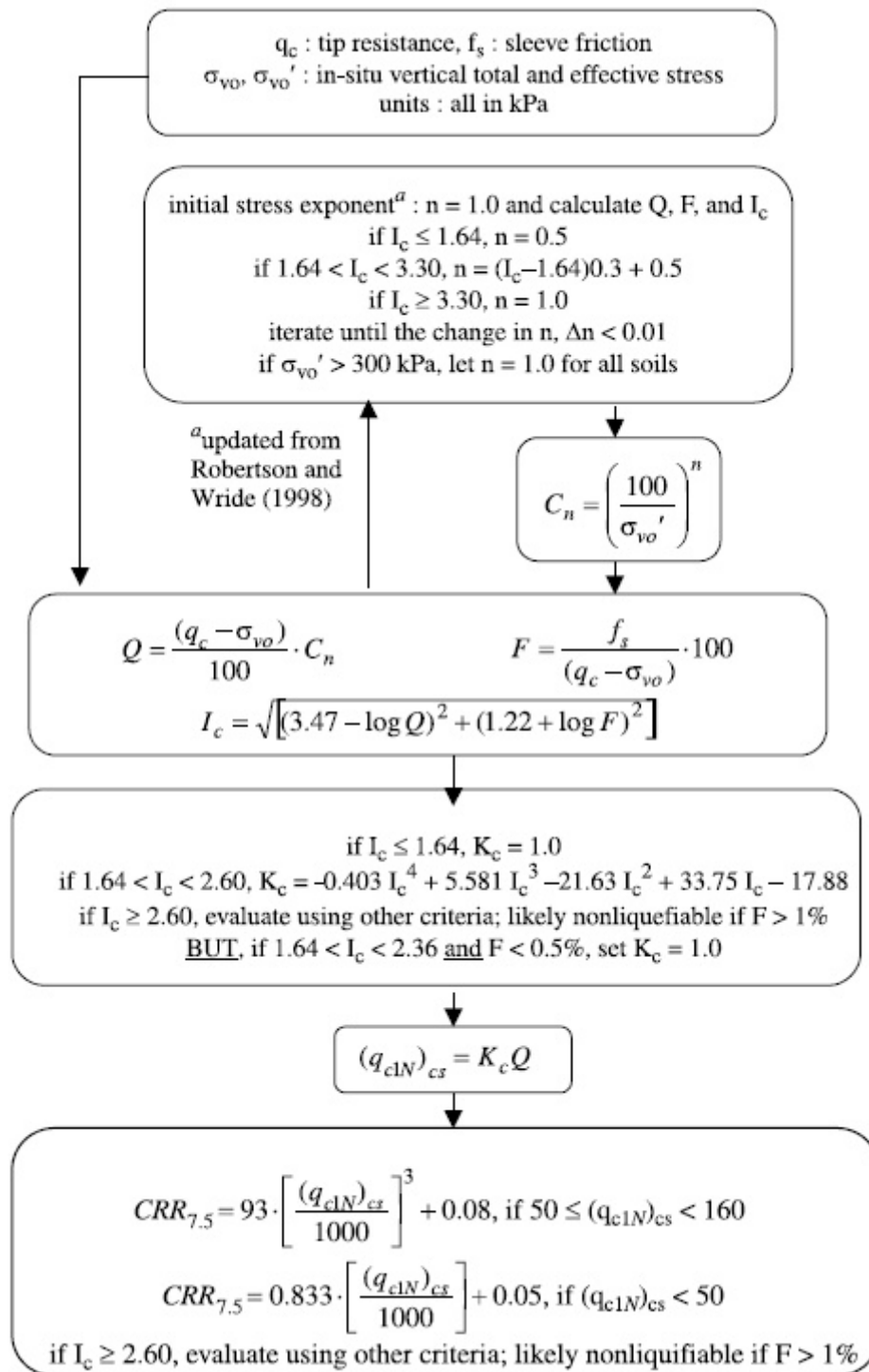


Input parameters and analysis data

| | | | | | |
|---------------------------------------|-------------------|---------------------------|--------------|-----------------------------|------------|
| 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 _c 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)

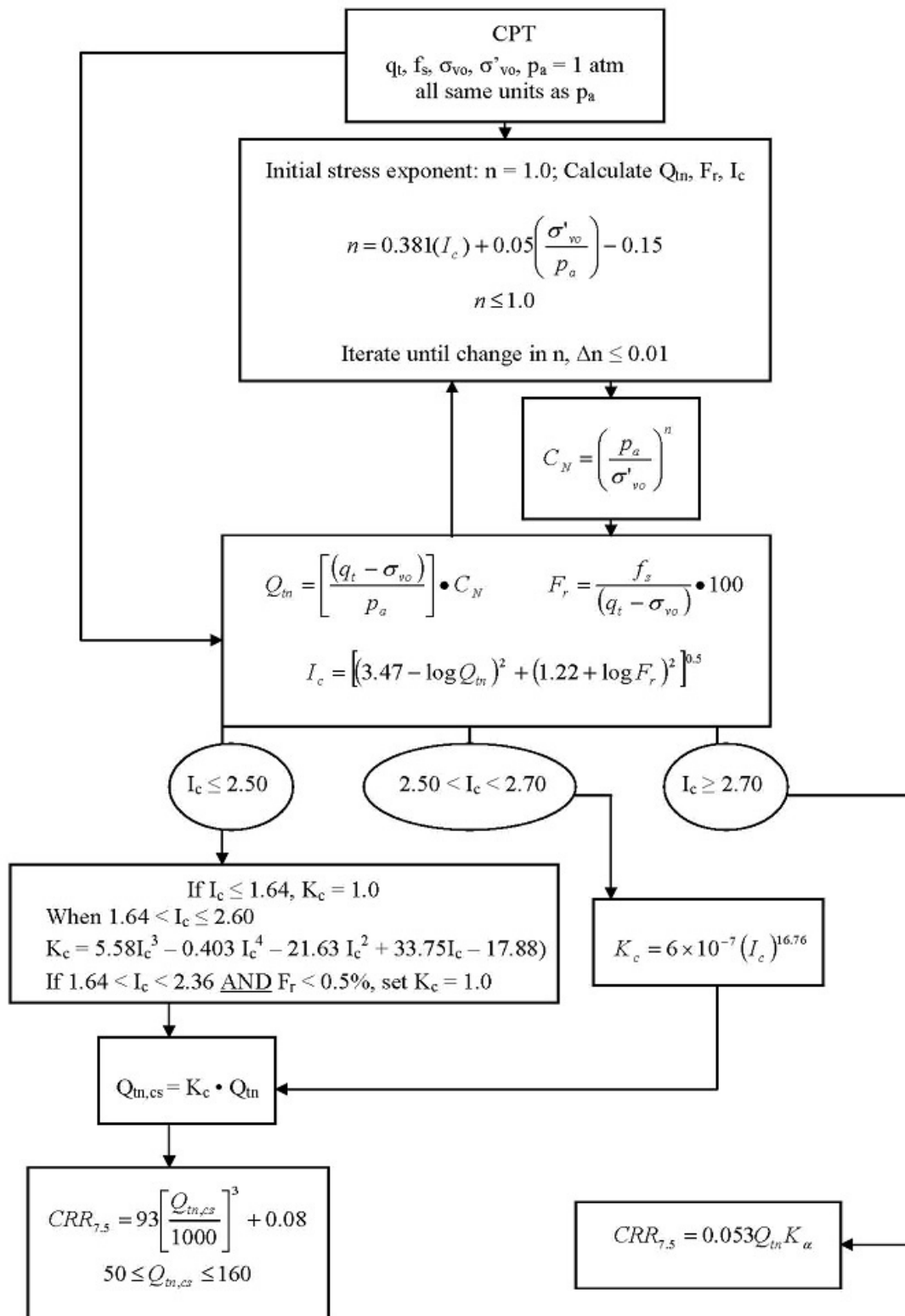
Calculation of soil resistance against liquefaction is performed according to the Robertson & Wride (1998) procedure. The procedure used in the software, slightly differs from the one originally published in NCEER-97-0022 (Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils). The revised procedure is presented below in the form of a flowchart¹:



¹ "Estimating liquefaction-induced ground settlements from CPT for level ground", G. Zhang, P.K. Robertson, and R.W.I. Brachman

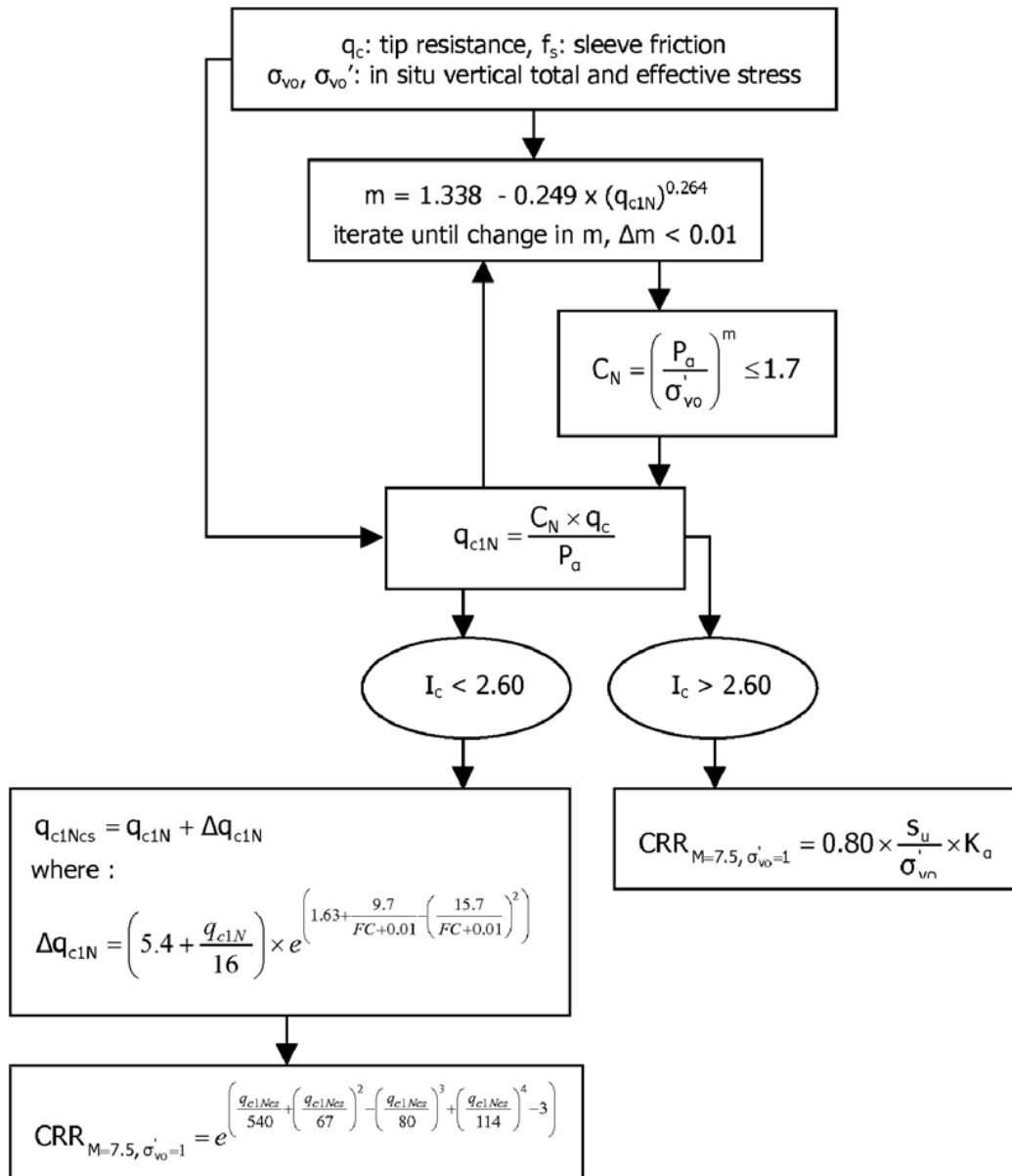
Procedure for the evaluation of soil liquefaction resistance (all soils), Robertson (2010)

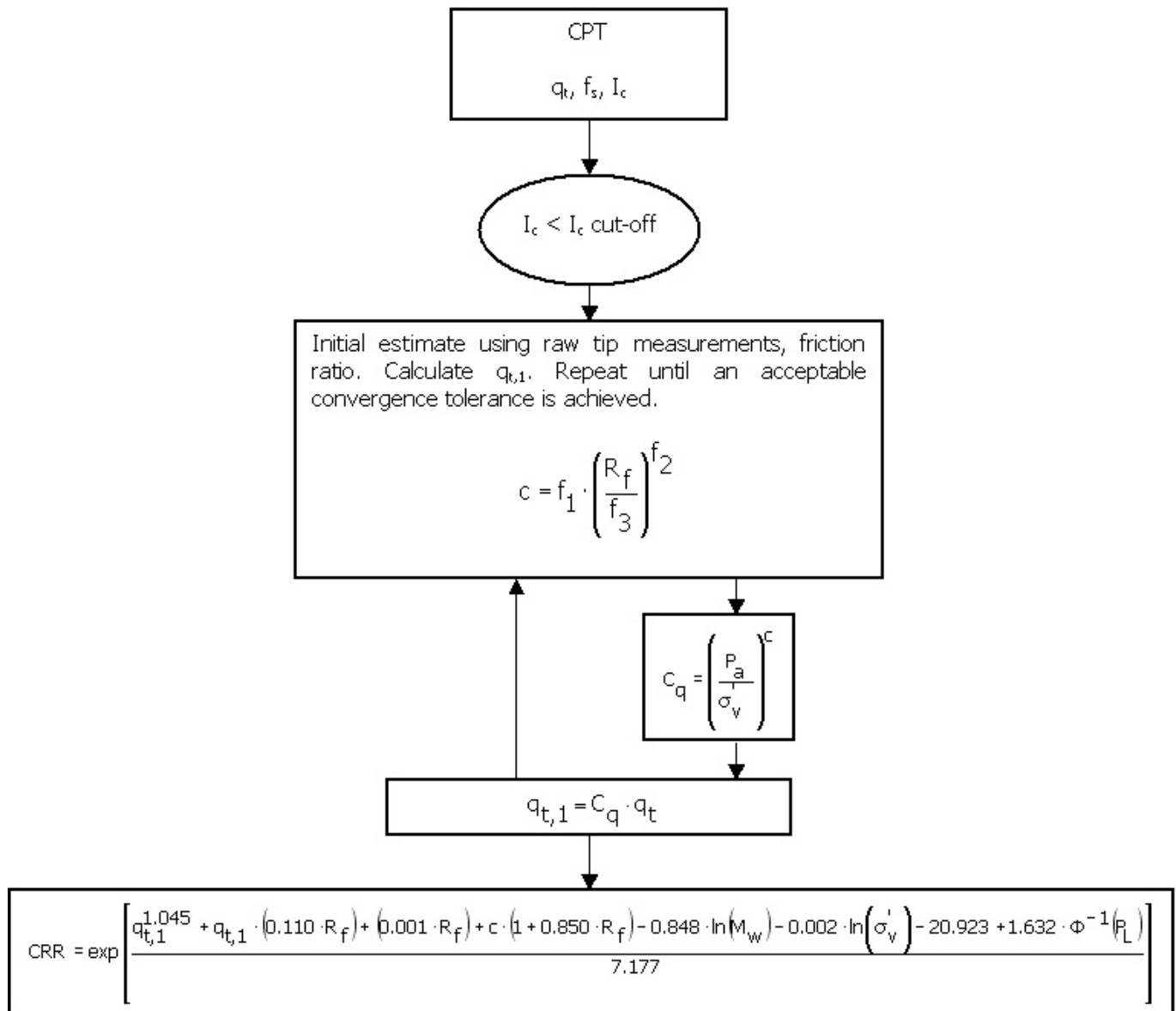
Calculation of soil resistance against liquefaction is performed according to the Robertson & Wride (1998) procedure. This procedure used in the software, slightly differs from the one originally published in NCEER-97-0022 (Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils). The revised procedure is presented below in the form of a flowchart¹:



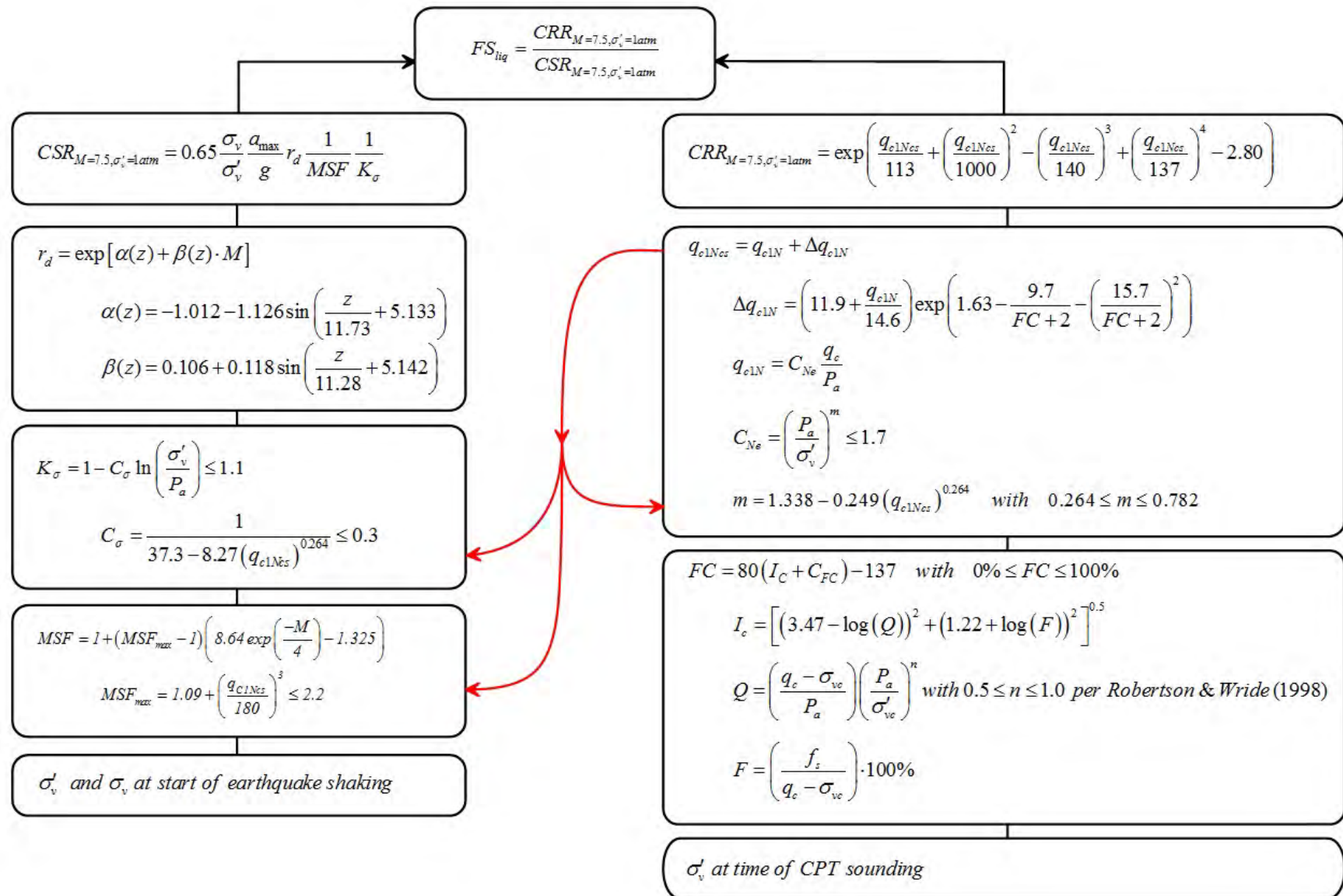
¹ P.K. Robertson, 2009. "Performance based earthquake design using the CPT", Keynote Lecture, International Conference on Performance-based Design in Earthquake Geotechnical Engineering – from case history to practice, IS-Tokyo, June 2009

Procedure for the evaluation of soil liquefaction resistance, Idriss & Boulanger (2008)

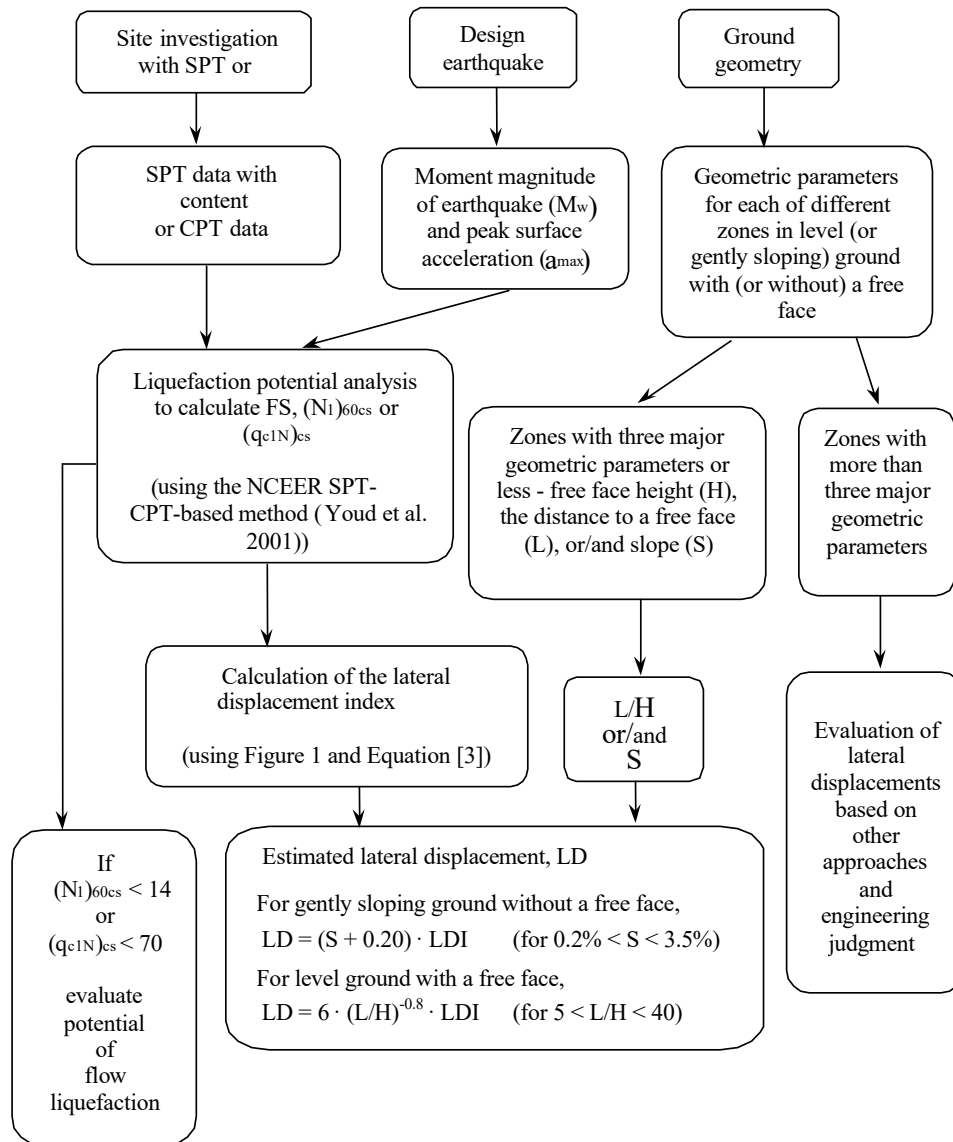


Procedure for the evaluation of soil liquefaction resistance (sandy soils), Moss et al. (2006)

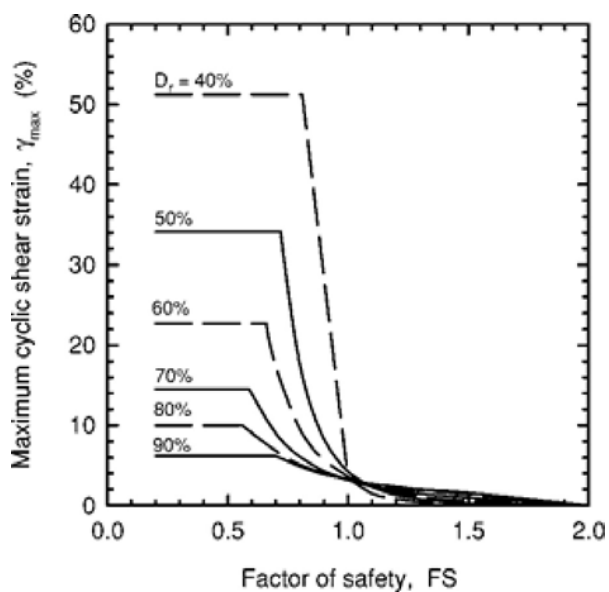
Procedure for the evaluation of soil liquefaction resistance, Boulanger & Idriss(2014)



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

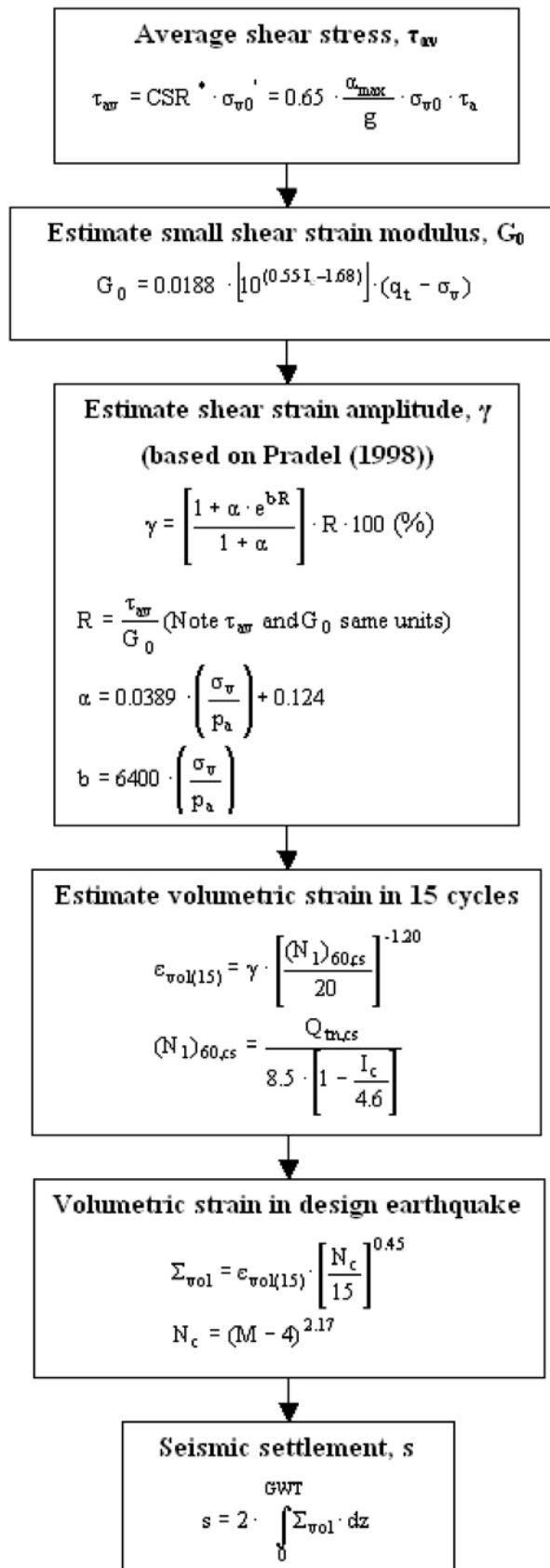


¹ Figure 1

$$LDI = \int_0^{z_{max}} \gamma_{max} dz$$

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 methodology 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:

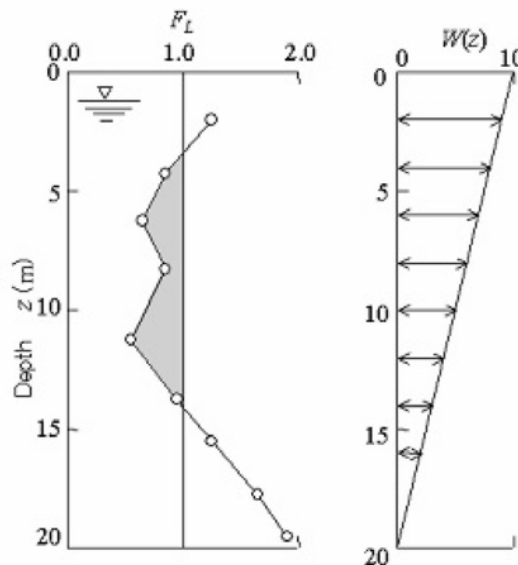
$F_L = 1 - F.S.$ when F.S. less than 1

$F_L = 0$ when F.S. greater than 1

z depth of measurement 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
- $0 < \text{LPI} \leq 5$: Liquefaction risk is low
- $5 < \text{LPI} \leq 15$: 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):

$$\begin{aligned} \ln(D_s) = & c_1 + c_2 * LBS + 0.58 * \ln\left(\tanh\left(\frac{HL}{6}\right)\right) + \\ & 4.59 * \ln(Q) - 0.42 * \ln(Q)^2 - 0.02 * B + \\ & 0.84 * \ln(CAVdp) + 0.41 * \ln(Sa1) + \varepsilon \end{aligned}$$

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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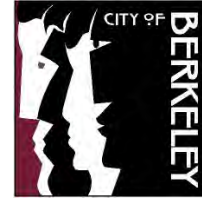
END OF REPORT

BERKELEY PLAZA
BERKELEY, CALIFORNIA



Stormwater Requirements Checklist
 Municipal Regional Stormwater Permit (MRP 2.0)
 Stormwater Controls for Development Projects

City of Berkeley
 Public Works Dept.
 Engineering Division



I. C.3.i Project Information

This form applies to development projects creating and/or replacing ≥ 2500 ft² to < 10,000 ft² of impervious surface which are not Special Land Use Categories projects (auto service facilities, retail gasoline outlets, restaurants, and uncovered parking lots). This form also applies to detached single-family home projects, which create and/or replace ≥ 2500 ft² of impervious surface. Interior remodeling projects and routine maintenance or repair projects such as roof or exterior wall surface replacement and pavement resurfacing within the existing footprint are exempt from C.3.i stormwater requirement.

I.A. Enter Project Data

I.A.1 Project Name: Berkeley Plaza

I.A.2 Project Address (include cross street): 2060 Alliston Way Berkeley, CA
04704

I.A.3 Project APN: 057 202700700 I.A.4 Project Watershed¹: Potter and Derby Creeks Watershed

I.A.5 Applicant Name: Jessica Leo I.A.6 Date Submitted: 10/22/2021

I.A.7 Applicant Address: 130 E. Randolph Street Suite 2100 Chicago, IL 60601

I.A.8 Applicant Phone: 304-238-4745 I.A.9 Applicant Email Address: JLeo@ca-consultant.com

I.A.10 Development type: (check all that apply)
 Residential Commercial Industrial Mixed-Use Streets, Roads, etc.
 'Redevelopment' as defined by MRP: creating, adding and/or replacing exterior existing impervious surface on a site where past development has occurred²
 'Special land use categories' as defined by MRP: (1) auto service facilities³, (2) retail gasoline outlets, (3) restaurants³, (4) uncovered parking area (stand-alone or part of a larger project)

I.A.11 Project Description⁴: (Also note any past or future phases of the project.)
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 216,696 gsf, which includes 148,838 sf of residential area and 9,837 sf of indoor residential amenity area in addition to 2,924 sf of elevated roof terrace amenity.

I.A.12 Total Area of Site: 0.77 acres I.A.13 Slope on Site: 0.60 %

I.A.14 Total Area of land disturbed during construction (include clearing, grading, excavating and stockpile area): 0.77 acres.

I.B. Enter the amount of impervious and pervious surface¹ created and/or replaced by the project.

Table of Impervious and Pervious Surfaces

| Type of Impervious Surface | a | b | C | d |
|-----------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------|------------------------------------------------------------|----------------------------------------|
| | Pre-Project Impervious Surface (sq.ft.) | Existing Impervious Surface to be Replaced ⁷ (sq.ft.) | New Impervious Surface to be Created ⁷ (sq.ft.) | Post-project pervious surface (sq.ft.) |
| Roof area(s) – excluding any portion of the roof that is vegetated ("green roof") | 33,570 | 32,955 | 0 | N/A |
| Impervious ⁵ sidewalks, patios, paths, driveways | 0 | 0 | 0 | |
| Impervious ⁵ uncovered parking ⁶ | 0 | 0 | 0 | |
| Streets (public) | 0 | 0 | 0 | |
| Streets (private) | 0 | 0 | 0 | |
| Totals: | 33,570 | 32,955 | 0 | 615 |
| Area of Existing Impervious Surface to remain in place | 0 | N/A | | |
| Total New Impervious Surface (sum of totals for columns b and c): | | | 32,955 | |

¹ Watershed is defined by the maps from the Alameda County Flood Control District at <http://acffloodcontrol.org/resources/explore-watersheds>

Stormwater Requirements Checklist

- ² Roadway projects that replace existing impervious surface are subject to C.3 requirements only if one or more lanes of travel are added.
- ³ Standard Industrial Classification (SIC) codes are in Section 2.3 of the C.3 Technical Guidance (download at www.cleanwaterprogram.org)
- ⁴ Project description examples: 5-story office building, industrial warehouse, residential with five 4-story buildings for 200 condominiums, etc.
- ⁵ Per the MRP, pavement that meets the following definition of pervious pavement is NOT an impervious surface. Pervious pavement is defined as pavement that stores and infiltrates rainfall at a rate equal to immediately surrounding unpaved, landscaped areas, or that stores and infiltrates the rainfall runoff volume described in Provision C.3.d.
- ⁶ Uncovered parking includes top level of a parking structure.
- ⁷ "Replace" means to install new impervious surface where existing impervious surface is removed. "Create" means to install new impervious surface where there is currently no impervious surface.

I.C. Identify C.6 Construction-Phase Stormwater Requirements

| | Yes | No |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------|
| I.C.1 Does the project disturb 1.0 acre (43,560 sq.ft.) or more of land? (See Item I.A.14). <i>If Yes, obtain coverage under the state's Construction General Permit at https://smarts.waterboards.ca.gov/smarts/faces/SwSmartsLogin.jsp. Submit to the municipality a copy of your Notice of Intent and Storm Water Pollution Prevention Plan (SWPPP) before a grading or building permit is issued.</i> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| I.C.2 Is the site a "High Priority Site" that disturbs less than 1.0 acre (43,560 sq.ft.) of land? (Municipal staff will make the final determination.) "High Priority Sites" are sites having any of the following criteria: <ul style="list-style-type: none"> ▪ that require a grading permit, ▪ are adjacent to a creek, ▪ or are otherwise high priority for stormwater protection during construction (see MRP 2.0 Provision C.6.e.ii.(2)(c)) | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| I.C.3 Is the site a "Hillside Site" that disturbs 5,000 sq.ft. or more, but less than 1.0 acre (43,560 sq.ft.) of land? (Municipal staff will make the final determination.) <ul style="list-style-type: none"> ▪ "Hillside Sites" are located on hillsides, as indicated on a jurisdictional map of hillside development areas or as indicated by meeting jurisdictional hillside development criteria. ▪ If no map or criteria exist, then Hillside Sites are sites with a slope of 15% or more (see I.A.13 above and MRP 2.0 Provision C.6.e.ii.(2)(b)). | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| ➤ NOTE TO APPLICANT: All projects require appropriate stormwater best management practices (BMPs) during construction. Refer to the Section II to identify appropriate construction BMPs. | | |
| ➤ NOTE TO MUNICIPAL STAFF: If the answer is "Yes" to I.E.1, I.E.2, OR I.E.3, refer this project to construction site inspection staff to be added to their list of projects that require stormwater inspections at least monthly during the wet season (October 1 through April 30) and other times of the year as appropriate. | | |

II. Implementation of C.3.i Stormwater Requirements

II.A. Select Appropriate Site Design Measures

Starting December 1, 2012, projects that create and/or replace 2,500 - 10,000 sq.ft. of impervious surface, and stand-alone single family homes that create/replace 2,500 sq.ft. or more of impervious surface, **must include one or more of the following Site Design Measures a through f**, and are encouraged to implement the other Site Design Measures as practicable. See attached fact sheets for guidance on rain barrels / cisterns, vegetated areas and permeable surfaces, and attached sheets on recommended Source Control Measures and Construction BMPs.

II.A.1 Is the site design measure included in the project plans?

| Yes | No | Plan Sheet No. |
|-------------------------------------|-------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | a. Direct roof runoff into cisterns or rain barrels and use rainwater for irrigation or other non-potable use. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | b. Direct roof runoff onto vegetated areas. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | c. Direct runoff from sidewalks, walkways, and/or patios onto vegetated areas. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | d. Direct runoff from driveways and/or uncovered parking lots onto vegetated areas. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | e. Construct sidewalks, walkways, and/or patios with pervious surfaces. Use the specifications in the C3 Technical Guidance (Version 4.1) or for small projects see the BASMAA Pervious Paving Factsheet. For these documents and others go to www.cleanwaterprogram.org and click on "Resources." |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | f. Construct bike lanes, driveways, and/or uncovered parking lots with pervious surfaces. Use the specifications in the C3 Technical Guidance (Version 4.1) or for small projects see the BASMAA Pervious Paving Factsheet. For these documents and others go to the program website at: www.cleanwaterprogram.org and click on "Resources." |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | g. Minimize land disturbance and impervious surface (especially parking lots). |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | h. Maximize permeability by clustering development and preserving open space. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | i. Use micro-detention, including distributed landscape-based detention. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | j. Protect sensitive areas, including wetland and riparian areas, and minimize changes to the natural topography. |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | k. Self-treating area (see Section 4.1 of the C.3 Technical Guidance) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | l. Self-retaining area (see Section 4.2 of the C.3 Technical Guidance) |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | m. Plant or preserve interceptor trees (Section 4.5, C.3 Technical Guidance) |

II.B. C.3.i projects are encouraged to implement the following Source Control Measure as practicable.

| Are these features in project? | | Features that require source control measures | Source control measures (Refer to Local Source Control List for detailed requirements) | Is source control measure included in project plans? | | |
|-------------------------------------|-------------------------------------|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------|----------------|
| Yes | No | | | Yes | No | Plan Sheet No. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Storm Drain | Mark on-site inlets with the words "No Dumping! Flows to Bay" or equivalent. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | TBD |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Floor Drains | Plumb interior floor drains to sanitary sewer ⁸ [or prohibit]. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Parking garage | Plumb interior parking garage floor drains to sanitary sewer. ⁹ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | TBD |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Landscaping | <ul style="list-style-type: none"> ▪ Retain existing vegetation as practicable. ▪ Select diverse species appropriate to the site. Include plants that are pest- and/or disease-resistant, drought-tolerant, and/or attract beneficial insects. ▪ Minimize use of pesticides and quick-release fertilizers. ▪ Use efficient irrigation system; design to minimize runoff. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | TBD |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Pool/Spa/Fountain | Provide connection to the sanitary sewer to facilitate draining. ⁹ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Food Service Equipment (non-residential) | Provide sink or other area for equipment cleaning, which is: <ul style="list-style-type: none"> ▪ Connected to a grease interceptor prior to sanitary sewer discharge.⁹ ▪ Large enough for the largest mat or piece of equipment to be cleaned. ▪ Indoors or in an outdoor roofed area designed to prevent stormwater run-on and run-off, and signed to require equipment washing in this area. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Refuse Areas | <ul style="list-style-type: none"> ▪ Provide a roofed and enclosed area for dumpsters, recycling containers, etc., designed to prevent stormwater run-on and runoff. ▪ Connect any drains in or beneath dumpsters, compactors, and tallow bin areas serving food service facilities to the sanitary sewer.⁹ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Outdoor Process Activities ⁹ | Perform process activities either indoors or in roofed outdoor area, designed to prevent stormwater run-on and runoff, and to drain to the sanitary sewer. ⁹ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Outdoor Equipment/Materials Storage | <ul style="list-style-type: none"> ▪ Cover the area or design to avoid pollutant contact with stormwater runoff. ▪ Locate area only on paved and contained areas. ▪ Roof storage areas that will contain non-hazardous liquids, drain to sanitary sewer⁹, and contain by berms or similar. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Vehicle/Equipment Cleaning | <ul style="list-style-type: none"> ▪ Roofed, pave and berm wash area to prevent stormwater run-on and runoff, plumb to the sanitary sewer⁹, and sign as a designated wash area. ▪ Commercial car wash facilities shall discharge to the sanitary sewer.⁹ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Vehicle/Equipment Repair and Maintenance | <ul style="list-style-type: none"> ▪ Designate repair/maintenance area indoors, or an outdoors area designed to prevent stormwater run-on and runoff and provide secondary containment. Do not install drains in the secondary containment areas. ▪ No floor drains unless pretreated prior to discharge to the sanitary sewer.⁹ ▪ Connect containers or sinks used for parts cleaning to the sanitary sewer.⁹ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Fuel Dispensing Areas | <ul style="list-style-type: none"> ▪ Fueling areas shall have impermeable surface that is a) minimally graded to prevent ponding and b) separated from the rest of the site by a grade break. ▪ Canopy shall extend at least 10 ft in each direction from each pump and drain away from fueling area. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Loading Docks | <ul style="list-style-type: none"> ▪ Cover and/or grade to minimize run-on to and runoff from the loading area. ▪ Position downspouts to direct stormwater away from the loading area. ▪ Drain water from loading dock areas to the sanitary sewer.⁹ ▪ Install door skirts between the trailers and the building. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire Sprinklers | Design for discharge of fire sprinkler test water to landscape or sanitary sewer. ⁹ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Miscellaneous Drain or Wash Water | <ul style="list-style-type: none"> ▪ Drain condensate of air conditioning units to landscaping. Large air conditioning units may connect to the sanitary sewer.⁹ ▪ Roof drains shall drain to unpaved area where practicable. ▪ Drain boiler drain lines, roof top equipment, all washwater to sanitary sewer⁹. | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Architectural Copper | Discharge rinse water to sanitary sewer ⁹ , or collect and dispose properly offsite. See flyer "Requirements for Architectural Copper." | <input type="checkbox"/> | <input checked="" type="checkbox"/> | |

⁸ Any connection to the sanitary sewer system is subject to sanitary district approval.⁹ Businesses that may have outdoor process activities/equipment include machine shops, auto repair, industries with pretreatment facilities.

II.C Implement Construction Best Management Practices (BMPs) where applicable.

| Yes | No | Best Management Practice (BMP) |
|-------------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Attach the municipality's construction BMP plan sheet to project plans and require contractor to implement the applicable BMPs on the plan sheet. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Temporary erosion controls to stabilize all denuded areas until permanent erosion controls are established. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Delineate with field markers clearing limits, easements, setbacks, sensitive or critical areas, buffer zones, trees, and drainage courses. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Provide notes, specifications, or attachments describing the following: <ul style="list-style-type: none"> ▪ Construction, operation and maintenance of erosion and sediment controls, include inspection frequency; ▪ Methods and schedule for grading, excavation, filling, clearing of vegetation, and storage and disposal of excavated or cleared material; ▪ Specifications for vegetative cover & mulch, include methods and schedules for planting and fertilization; ▪ Provisions for temporary and/or permanent irrigation. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Perform clearing and earth moving activities only during dry weather. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Use sediment controls or filtration to remove sediment when dewatering and obtain all necessary permits. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Protect all storm drain inlets in vicinity of site using sediment controls such as berms, fiber rolls, or filters. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Trap sediment on-site, using BMPs such as sediment basins or traps, earthen dikes or berms, silt fences, check dams, soil blankets or mats, covers for soil stock piles, etc. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Divert on-site runoff around exposed areas; divert off-site runoff around the site (e.g., swales and dikes). |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Protect adjacent properties and undisturbed areas from construction impacts using vegetative buffer strips, sediment barriers or filters, dikes, mulching, or other measures as appropriate. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Limit construction access routes and stabilize designated access points. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | No cleaning, fueling, or maintaining vehicles on-site, except in a designated area where washwater is contained and treated. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Store, handle, and dispose of construction materials/wastes properly to prevent contact with stormwater. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Contractor shall train and provide instruction to all employees/subcontractors re: construction BMPs. |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Control and prevent the discharge of all potential pollutants, including pavement cutting wastes, paints, concrete, petroleum products, chemicals, washwater or sediments, rinse water from architectural copper, and non-stormwater discharges to storm drains and watercourses. |

Berkeley Plaza

2065 Kittredge St., Berkeley, CA 94704

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.



Rental Criteria

CA Ventures supports The Fair Housing Act as amended, prohibiting discrimination in housing on race, color, religion, sex, national origin, handicap, familial status. All applicants and/or guarantors are subject to a criminal and/or credit check with approval through a third-party applicant screening agency and follow the standards below to include, but not limited to:

We do not accept prospective residents current on parole, probation, and/or suspended sentence for any conviction, or who have been charged with, pled “guilty” or “no contest” to, and/or convicted of any felonies, certain misdemeanors, or unlawful conduct involving a minor.

CITIZENS:

Complete a standard application and lease agreement package.

Obtain an approved guarantor OR provide proof of monthly income equal to three times the monthly rental installment and pre-pay the last month’s rental installment.

NON-CITIZENS:

Complete a standard application form and lease agreement package.

Obtain an approved guarantor OR pre-pay the last month’s rental installment.

Provide a copy of your passport and a copy of your I-20 visa verifying student status.

GUARANTORS:

The guarantor is preferably more than 25 years of age and a member of your household.

The guarantor must have verifiable and favorable U.S. credit history. Approval is based on a risk score which represents the relative measure of the credit risk associated with the given applicant.

Please be advised that incomplete, inaccurate, or falsified information will be grounds for denial or lease cancellation. Any individual who may constitute a direct threat to the health and safety of an individual, the community, or the property of others will be denied.

RECOMMENDED PLANT PALETTE:

| BOTANICAL NAME: | COMMON NAME: | WUCOLS WATER USE |
|---------------------------------------------------------|--------------------------------|------------------|
| PATIO TREES (UPPER LEVELS, 24" BOX SIZE): | | |
| RHUS LANCEA | AFRICAN SUMAC | LOW |
| TRISTANOPSIS 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 'MOERHEIMI' | 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

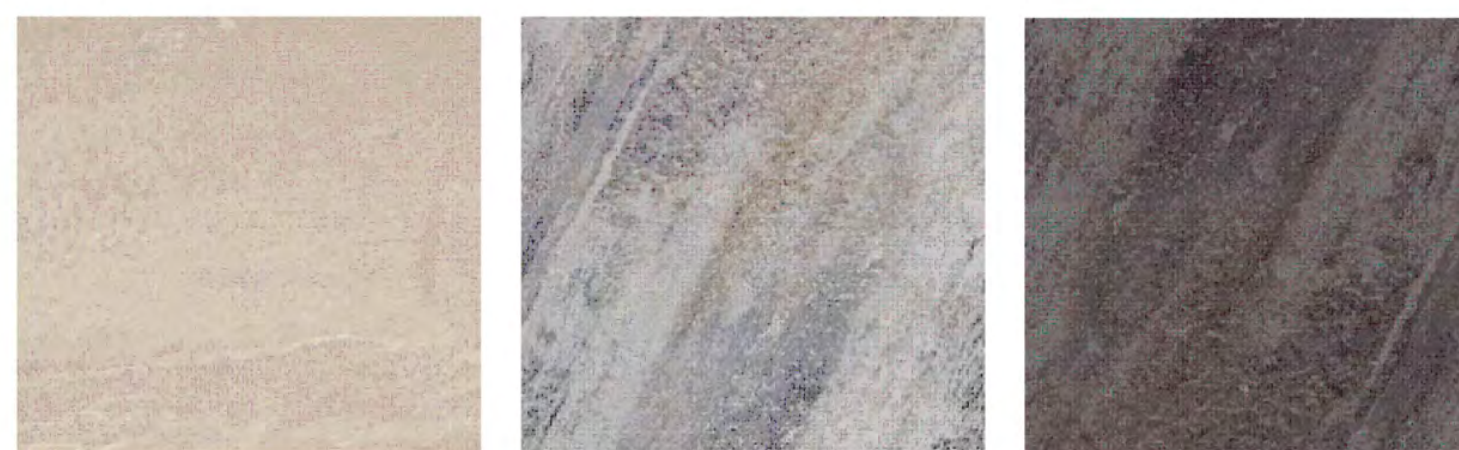
Rectified straight edge in multiple sizes

Travertine



Ivory travertine Silver travertine Navona travertine

Quartz



Ivory quartz Silver quartz Grey quartz



PREFABRICATED PLANTERS
TOURNESOL 'WILSHIRE' COLLECTION
COLOR: BRONZE

DECORATIVE PORCELAIN PAVERS

WATER EFFICIENT LANDSCAPE WORKSHEET

| REFERENCE EVAPOTRANSPIRATION (ET _o): | 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 | 399.99924 | 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 |

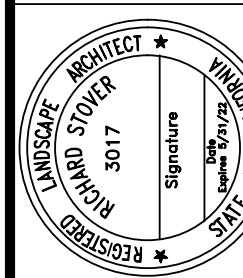
NOTE: AVERAGE ETAF FOR REGULAR LANDSCAPE AREAS MUST BE 0.55 OR BELOW FOR RESIDENTIAL AREAS, AND 0.45 OR BELOW FOR NON-RESIDENTIAL AREAS.

ALL LANDSCAPE AREAS:

| | |
|----------------------|-------|
| TOTAL ETAF x AREA | 422 |
| TOTAL LANDSCAPE AREA | 1,116 |
| SITEWIDE ETAF | 0.38 |

| REVISIONS |
|-----------|
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RW Stover & Associates, Inc.
Landscape Architecture
1628 North Main Street, Suite 4
Berkeley, CA 94706
PH: 415.851.2485



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

Berkeley Plaza

2065 Kittredge St., Berkeley, CA 94704

Natural Gas Prohibition, Berkeley Energy Code, and Berkeley Green Code

The Project will not include any natural gas and will conform with BMC Chapter 12.80.

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.



NEW HOME RATING SYSTEM, VERSION 7.0

Blueprint Scoresheet

| 2065 Kittredge St. 10/25/2021 | | Points Targeted | Community | Energy | IAQ/Health | Resources | Water | Responsible Party | Blueprint Page No. |
|-----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------|-----------|--------|------------|-----------|-------|-----------------------|--------------------|
| | | Possible Points | | | | | | | |
| CALGreen | | | | | | | | | |
| Yes | CALGreen Res (REQUIRED) | 4 | | 1 | 1 | 1 | 1 | Builders' Energy | |
| A. SITE | | | | | | | | | |
| A2. Job Site Construction Waste Diversion | | | | | | | | | |
| Yes | A2.2 65% C&D Waste Diversion (Excluding Alternative Daily Cover) | 2 | | | | 2 | | General Contractor | |
| Yes | A2.3 Recycling Rates from Third-Party Verified Mixed-Use Waste Facility | 1 | | | | 1 | | General Contractor | |
| A6. Stormwater Control: Prescriptive Path | | | | | | | | | |
| Yes | A6.2 Filtration and/or Bio-Retention Features | 1 | | | | | 1 | | |
| B. FOUNDATION | | | | | | | | | |
| Yes | B1. Fly Ash and/or Slag in Concrete | 1 | | | | 1 | | General Contractor | |
| C. LANDSCAPE | | | | | | | | | |
| Yes | C1. Plants Grouped by Water Needs (Hydrozoning) | 1 | | | | | 1 | LS Architect | |
| Yes | C2. Three Inches of Mulch in Planting Beds | 1 | | | | | 1 | | |
| C3. Resource Efficient Landscapes | | | | | | | | | |
| Yes | C3.1 No Invasive Species Listed by Cal-IPC | 1 | | | | 1 | | LS Architect | |
| Yes | C3.2 Plants Chosen and Located to Grow to Natural Size | 0 | | | | 1 | | LS Architect | |
| Yes | C3.3 Drought Tolerant, California Native, Mediterranean Species, or Other Appropriate Species | 0 | | | | | 3 | LS Architect | |
| C4. Minimal Turf in Landscape | | | | | | | | | |
| Yes | C4.1 No Turf on Slopes Exceeding 10% and No Overhead Sprinklers Installed in Areas Less Than Eight Feet Wide | 0 | | | | | 2 | LS Architect | |
| ≤10% | C4.2 Turf on a Small Percentage of Landscaped Area | 2 | | | | | 2 | LS Architect | |
| Yes | C6. High-Efficiency Irrigation System | 0 | | | | | 2 | LS Architect | |
| Yes | C7. One Inch of Compost in the Top Six to Twelve Inches of Soil | 0 | | | | | 2 | LS Architect | |
| Yes | C10. Submeter or Dedicated Meter for Landscape Irrigation | 0 | | | | | 2 | LS Architect | |
| Yes | C11. Landscape Meets Water Budget | 0 | | | | | 1 | LS Architect | |
| C12. Environmentally Preferable Materials for Site | | | | | | | | | |
| Yes | C12.1 Environmentally Preferable Materials for 70% of Non-Plant Landscape Elements and Fencing | 1 | | | | 1 | | LS Architect | |
| Yes | C13. Reduced Light Pollution | 1 | 1 | | | | | LS Architect | |
| D. STRUCTURAL FRAME AND BUILDING ENVELOPE | | | | | | | | | |
| D3. Engineered Lumber | | | | | | | | | |
| Yes | D3.2 Wood I-Joists or Web Trusses for Floors | 1 | | | | 1 | | General Contractor | |
| Yes | D3.5 OSB for Subfloor | 0.5 | | | | 0.5 | | General Contractor | |
| E. EXTERIOR | | | | | | | | | |
| Yes | E3. Rain Screen Wall System | 2 | | | | 2 | | General Contractor | |
| Yes | E4. Durable and Non-Combustible Cladding Materials | 1 | | | | 1 | | General Contractor | |
| E5. Durable Roofing Materials | | | | | | | | | |
| Yes | E5.1 Durable and Fire Resistant Roofing Materials or Assembly | 1 | | | | 1 | | General Contractor | |
| Yes | E5.2 Roofing Warranty for Shingle Roofing | Y | R | R | R | R | R | Roofin Contractor | |
| F. INSULATION | | | | | | | | | |
| F2. Insulation that Meets the CDPH Standard Method—Residential for Low Emissions | | | | | | | | | |
| Yes | F2.1 Walls and Floors | 1 | | | 1 | | | Insulation Contractor | |
| Yes | F2.2 Ceilings | 1 | | | 1 | | | Insulation Contractor | |
| F3. Insulation That Does Not Contain Fire Retardants | | | | | | | | | |

| | | | | | | | | | |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------|---|-----|---|---|---|-----------------------|--|
| Yes | F3.1 Cavity Walls and Floors | 1 | | | 1 | | | Insulation Contractor | |
| Yes | F3.2 Ceilings | 1 | | | 1 | | | Insulation Contractor | |
| Yes | F3.3 Interior and Exterior Insulation | 1 | | | 1 | | | Insulation Contractor | |
| G. PLUMBING | | | | | | | | | |
| G1. Efficient Distribution of Domestic Hot Water | | | | | | | | | |
| Yes | G1.1 Insulated Hot Water Pipes | 1 | | 1 | | | | Plumbing Contractor | |
| G2. Install Water-Efficient Fixtures | | | | | | | | | |
| Yes | G2.4 Urinals with Flush Rate of ≤ 0.1 Gallons/Flush | 1 | | | | | 1 | Plumbing Contractor | |
| Yes | G6. Submeter Water for Tenants | 2 | | | | | 2 | Plumbing Contractor | |
| H. HEATING, VENTILATION, AND AIR CONDITIONING | | | | | | | | | |
| H1. Sealed Combustion Units | | | | | | | | | |
| Yes | H1.1 Sealed Combustion Furnace | 1 | | | 1 | | | Mechanical Contractor | |
| Yes | H1.2 Sealed Combustion Water Heater | 2 | | | 2 | | | Mechanical Contractor | |
| H3. Effective Ductwork | | | | | | | | | |
| Yes | H3.1 Duct Mastic on Duct Joints and Seams | 1 | | 1 | | | | Mechanical Contractor | |
| Yes | H4. ENERGY STAR® Bathroom Fans Per HVI Standards with Air Flow Verified | 1 | | | 1 | | | Mechanical Contractor | |
| H6. Whole House Mechanical Ventilation Practices to Improve Indoor Air Quality | | | | | | | | | |
| Yes | H6.3 Outdoor Air is Filtered and Tempered | 1 | | | 1 | | | Mechanical Contractor | |
| H7. Effective Range Design and Installation | | | | | | | | | |
| Yes | H7.1 Effective Range Hood Ducting and Design | 1 | | | 1 | | | Mechanical Contractor | |
| I. RENEWABLE ENERGY | | | | | | | | | |
| ≥60% of common area | I7. Photovoltaic System for Multifamily Projects | 4 | | 8 | | | | Solar Contractor | |
| J. BUILDING PERFORMANCE AND TESTING | | | | | | | | | |
| Yes | J1. Third-Party Verification of Quality of Insulation Installation | 1 | | | 1 | | | Builders' Energy | |
| J5. Building Performance Exceeds Title 24 Part 6 | | | | | | | | | |
| Option 1: Compliance Over Title 24 | J5.1 Home Outperforms Title 24 | 34.6814 | | 30+ | | | | Builders' Energy | |
| Yes | J6. Title 24 Prepared and Signed by a CABEC Certified Energy Analyst | 1 | | 1 | | | | Builders' Energy | |
| K. FINISHES | | | | | | | | | |
| Yes | K3. Low-VOC Caulks and Adhesives | 1 | | | 1 | | | Framers and Others | |
| Yes | K9. Durable Cabinets | 2 | | | | 2 | | Cabinet Supplier | |
| L. FLOORING | | | | | | | | | |
| ≥75% | L1. Environmentally Preferable Flooring | 3 | | | | 3 | | General Contractor | |
| ≥75% | L2. Low-Emitting Flooring Meets CDPH 2010 Standard Method—Residential | 3 | | | 3 | | | Flooring Supplier | |
| M. APPLIANCES AND LIGHTING | | | | | | | | | |
| Yes | M1. ENERGY STAR® Dishwasher | 1 | | | | | 1 | General Contractor | |
| M2. Efficient Clothes Washing and Drying | | | | | | | | | |
| CEE Tier 2 | M2.1. CEE-Rated Clothes Washer | 2 | | 1 | | | 2 | General Contractor | |
| Yes | M2.2 Energy Star Dryer | 1 | | 1 | | | | General Contractor | |
| <25 cubic feet | M3. Size-Efficient ENERGY STAR Refrigerator | 1 | | 2 | | | | General Contractor | |
| M5. Lighting Efficiency | | | | | | | | | |
| Yes | M5.1 High-Efficacy Lighting | 2 | | 2 | | | | Electrical Contractor | |
| Yes | M8. Gearless Elevator | | | | | | | General Contractor | |
| N. COMMUNITY | | | | | | | | | |
| N1. Smart Development | | | | | | | | | |
| Yes | N1.1 Infill Site | 2 | 1 | | | 1 | | Architect | |

| | | | | | | | | | |
|------------------------------------------------|-----------------------------------------------------------------------------------|--------------|-----------|---------------|-------------|-----------|-------------|------------------|--|
| >35 | N1.3 Conserve Resources by Increasing Density | 4 | | 2 | | 2 | | Architect | |
| | N1.5 Home Size Efficiency | 10 | | | | 10 | | Architect | |
| 252 | Enter the area of the home, in square feet | | | | | | | | |
| 1 | Enter the number of bedrooms | | | | | | | | |
| Yes | N2. Home(s)/Development Located Near Transit | | | | | | | | |
| | N2.2. Within 1/2 mile of a Major Transit Stop | 2 | 2 | | | | | Architect | |
| | N3. Pedestrian and Bicycle Access | | | | | | | | |
| | N3.1 Pedestrian Access to Services Within 1/2 Mile of Community Services | 2 | 2 | | | | | Architect | |
| 18 | Enter the number of Tier 1 services | | | | | | | Builders' Energy | |
| 32 | Enter the number of Tier 2 services | | | | | | | Builders' Energy | |
| Yes | N3.5 Bicycle Storage for Residents | 1 | 1 | | | | | Architect | |
| Yes | N3.6 Bicycle Storage for Non-Residents | 1 | 1 | | | | | Architect | |
| 1 space per unit | N3.7 Reduced Parking Capacity | 2 | 2 | | | | | Architect | |
| | N4. Outdoor Gathering Places | | | | | | | | |
| Yes | N4.1 Public or Semi-Public Outdoor Gathering Places for Residents | 1 | 1 | | | | | Architect | |
| | N7. Adaptable Building | | | | | | | | |
| Yes | N7.1 Universal Design Principles in Units | 2 | 1 | | 1 | | | Architect | |
| O. OTHER | | | | | | | | | |
| Yes | O1. GreenPoint Rated Checklist in Blueprints | Y | R | R | R | R | R | Builders' Energy | |
| Yes | O2. Pre-Construction Kickoff Meeting with Rater and Subcontractors | 2 | | 0.5 | | 1 | 0.5 | Builders' Energy | |
| Yes | O3. Orientation and Training to Occupants—Conduct Educational Walkthroughs | 2 | | 0.5 | 0.5 | 0.5 | 0.5 | Developer | |
| | O6. Green Building Education | | | | | | | | |
| Yes | O6.2 Green Building Signage | 1 | | 0.5 | | | 0.5 | Developer | |
| Yes | O11. Smokefree Housing | 2 | | | #REF! | 2 | | Developer | |
| P. DESIGN CONSIDERATIONS | | | | | | | | | |
| | P1. Acoustics: Noise and Vibration Control | | | | | | | | |
| 3 | Enter the number of Tier 1 practices | 0 | 1 | | 1 | | | | |
| 2 | Enter the number of Tier 2 practices | | | | | | | | |
| | P2. Mixed-Use Design Strategies | | | | | | | | |
| No | P2.1 Tenant Improvement Requirements for Build-Outs | 0 | | | 1 | | 1 | Developer | |
| No | P2.3 Separate Mechanical and Plumbing Systems | 0 | | | 1 | | | Developer | |
| Summary | | | | | | | | | |
| Total Available Points in Specific Categories | | 375.5 | 46 | 110.5 | 70 | 95 | 54 | | |
| Minimum Points Required in Specific Categories | | 50 | 2 | 25 | 6 | 6 | 6 | | |
| Total Points Targeted | | 129.2 | 12 | 52.181 | 20.5 | 32 | 12.5 | | |



PLANNING & DEVELOPMENT

Land Use Planning 2120 Milvia Street, Berkeley, CA 94704
 Tel: 510.981.7410 TDD: 510.981.6903 Fax: 510.981.7420 Email: Planning@cityofberkeley.info

DATE STAMP HERE

Landmarks Application Form

For: Alteration / Sign Permit
 Landmark Designation

Effective April 3, 2013

Intake Planner _____

Project Address: 2065 Kittredge St Zone: C-DMU

Project Description: _____

Date Use Permit or Zoning Permit was applied for: _____

Associated Permit number: _____

• **Property Owner Name** (Print) CA Student Living Berkeley, LLC

Owner's Mailing Address: Ryan McBride

130 E Randolph Street, Suite 2100, Chicago, IL 60601

Daytime Phone # 304.238.4745 E-mail: jleo@ca-ventures.com

• **Applicant Name** (Print) SAME as Above: Bill Schrader, The Austin Group

Applicant's Mailing Address: 164 Oak Rd, Alamo, CA 94507

Daytime Phone # 925.683.8782 E-mail: bill@austin-group.com

Under penalties of perjury, I certify that the information above and in any attachments hereto, is true and accurate to the best of my knowledge.

Applicant Signature: _____ Date: _____

Owner's Signature: _____ Date: 10/20/20

| Does the project include: | No | Yes | Handout / Application Requirement |
|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| 1. Demolition of, or exterior modifications to, a designated City of Berkeley landmark, structure of merit, or structure in a historic district? | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Refer to the "Landmark Preservation Commission: Structural Alteration Permit and Design Review Submittal Requirements" |
| 2. Application to designate a landmark, structure of merit or historic district? | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Refer to the "Landmark, Structure of Merit or Historic District Designation Form" |

October 22, 2021

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

Re: Berkeley Plaza

Dear Mohamed:

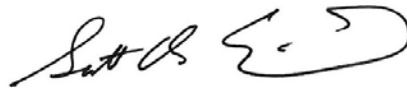
We understand that the City of Berkeley requires a structural feasibility letter indicating that the existing to remain structures for the proposed Berkeley Plaza project have been reviewed for the proposed separation / demolition of adjacently built structures. This letter serves to indicate that DCI 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



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

NEW BUILDING

PROPERTY
LINE

BUILD NEW POSTS
ON TOP OF NEW
BASEMENT WALL TO
SUPPORT REBUILT
EXTENSIONS

HAROLD

SHATTUCK

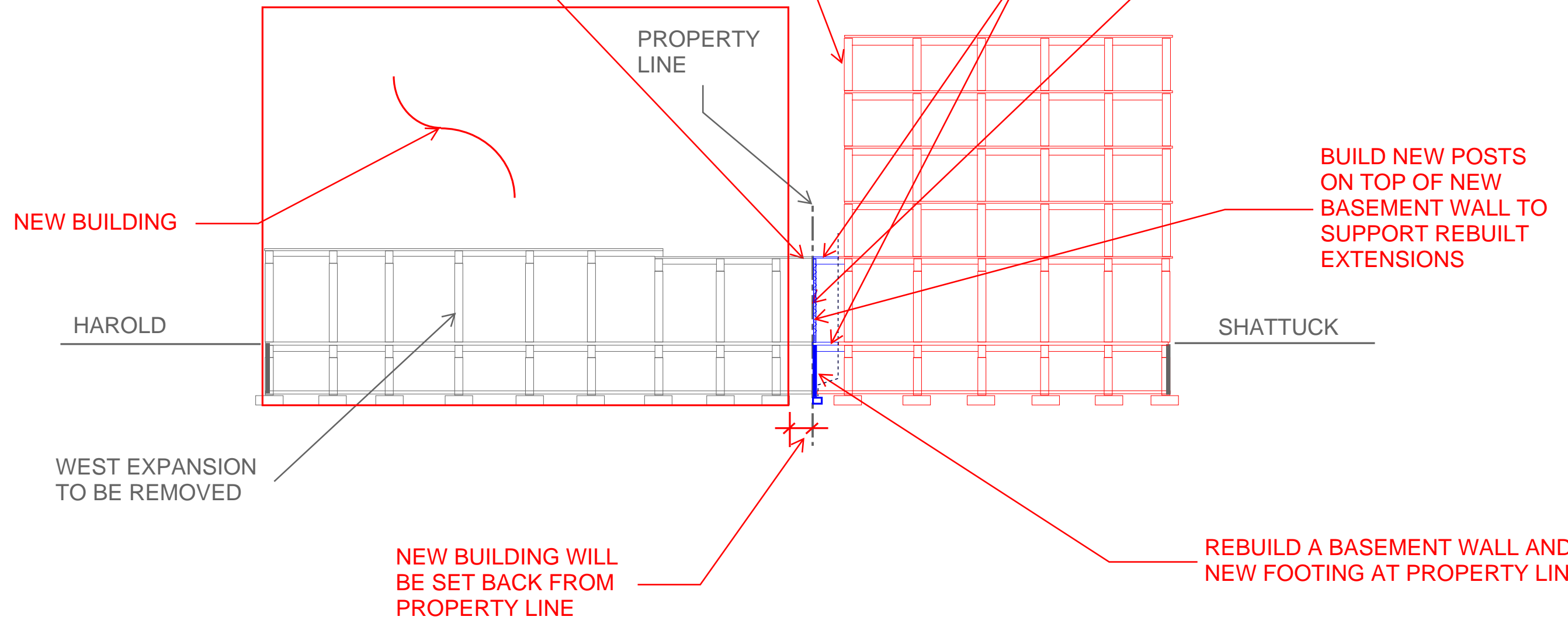
WEST EXPANSION
TO BE REMOVED

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 EXISTING CONDITIONS
A0-008 12" = 1'-0"



2 DEMO DIAGRAM
A0-008 12" = 1'-0"

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 |
|-----|-------------|----------|
| 4 | USE PERMIT | 10/25/21 |
| | | |
| | | |
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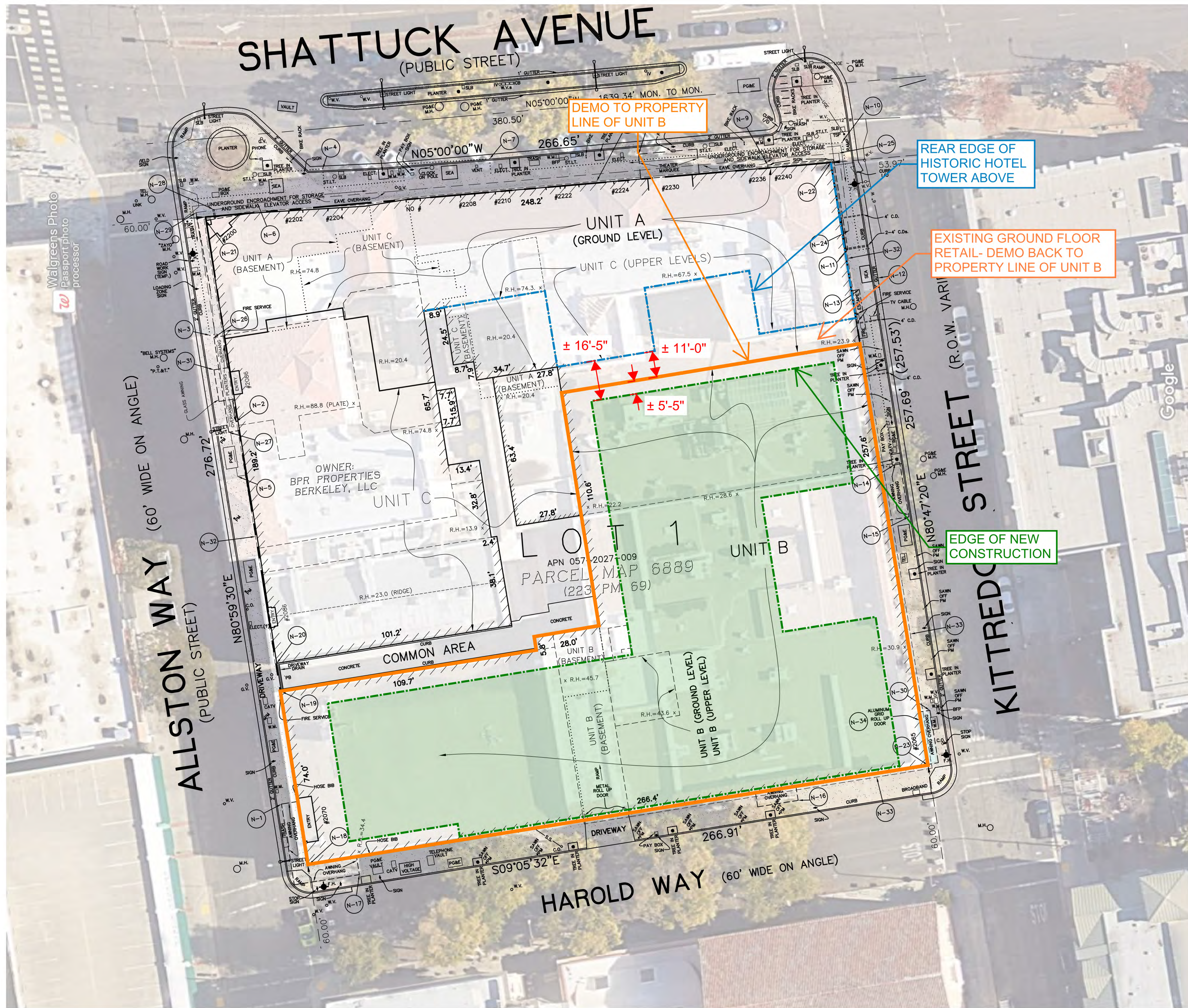
BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
DEMO ELEVATION EXHIBIT

SHEET NUMBER:
A0-008

NOT RELEASED FOR CONSTRUCTION



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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This drawing, as an instrument of service, is and shall remain the property of the Architect and shall not be reproduced, published or used in any way without the permission of the Architect.

BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
DEMO SITE PLAN EXHIBIT

SHEET NUMBER:
A0-002

1 DEMO SITE PLAN EXHIBIT
A0-002 NOT TO SCALE



Planning and Development
Land Use Planning Division

November 24, 2021

Bill Schrader
164 Oak Road
Alamo, CA 94507

Sent via email to:
bill@austin-group.com

RE: Application for Use Permit #ZP2021-0193 for 2065 Kittredge Street

Dear Mr. Schrader,

Thank you for submitting the materials to support the proposal to demolish portions of an existing City Landmark commercial building, and construct an 8-story, residential building with 189 dwelling units in the C-DMU (Core) Zoning District at 2065 Kittredge Street (APNs 057-2027-006, 057-2027-007, 057-2027-009).

Application – Based upon a preliminary review, the application appears to include the following approval requests:

1. Use Permit under BMC Section 23C.08.050.A to demolish a non-residential building
2. Use Permit under BMC Section 23E.68.030.A to construct a new mixed-use development
3. Use Permit under BMC Section 23E.68.030.A, to construct dwelling units
4. Use Permit under BMC Section 23E.68.050 to create new floor area of 10,000 square feet or more
5. Use Permit under BMC Section 23E.68.070.A to exceed the maximum building height limits, up to 75' (plus 5' parapet, by right)
6. Density Bonus with the following requested reductions, waivers and concessions:

Waivers

- a. Waiver of BMC Section 23E.68.070.A to exceed building height limits – to be 87' (plus 5' parapet, by right), where 75' is the limit (plus 5' parapet, by right, with a use permit)
- b. Waiver of BMC Section 23E.68.070.C to reduce yards to 0', where 15' is required, where above 75' height
- c. Waiver of BMC Section 23D.04.020.C to exceed building height limits with rooftop architectural elements which exceed the maximum height limit for the district

Concessions [One concession permitted, per Government Code §65915(d)(2)]:

- a. Concession to reduce the usable open space requirement — to provide 10,142 square feet where 15,120 square feet is required

Incomplete Items – Staff has also determined that application is incomplete at this time. Please address the following items to continue with the application review:

1. Fees. Invoiced fees have been paid, to date. Please be aware that with the submittal of information requested by staff, additional approvals may be added to the permit and associated fees will be due.
2. Arborist Review Fees. Please be aware that an arborist consultant fee will be assessed and due separately for the review of street tree planting and participation in the Interdepartmental Roundtable Meeting.
3. Letter of Authorization. The property owner is listed as HSR Berkeley Investments, LLC, 1849 Sawtelle Blvd. 543, Joseph Penner, Los Angeles, CA 90025. Submit a Grant Deed or similar document to verify that CA Student Living Berkeley, LLC is the new property owner. Submit a Letter of Authorization to document authorization of the applicant by the verified property owner.
4. Plans.
 - a. The site is depicted as completely flat in the elevations. Show the true elevation differential from east to west on the site in the elevation drawings, and revise the building height dimensions, per these instructions:
https://www.cityofberkeley.info/uploadedFiles/Planning_and_Development/Level_3_-_Land_Use_Division/Height%20Instructions%20for%20Non-Residential%20Districts.pdf
 - b. Provide building sections, if available.
 - c. The street strip elevations have distorted images that do not adequately simulate the compatibility of the proposed project with the adjacent developments. Please provide more accurate images of existing adjacent buildings.
 - d. Provide dimensions from the property lines to the building in the ground floor plan.
 - e. Label the entry courtyard on site/ground floor plan.
 - f. Include a dimension to the building parapet height.
 - g. Provide calculations to show that, where architectural projections extend into the right-of-way (Harold), the total surface area of such projections does not exceed 50% of the surface area of that side of the building.
 - h. Indicate any proposed tree removals. Provide an underlay of existing utility locations in the right-of-way on the landscape plans. Also provide the percentage of landscaped area to show that the project meets the minimum of 40% of the total usable open space area.
 - i. Provide a roof plan and rooftop element area calculations. Rooftop structures shall not represent more than fifteen percent (15%) of the average floor area of all of the building's floors.

- j. Number the parking spaces in the floorplan to show how the spaces comprise the total amount.
 - k. Clarify what the hatched areas in the individual unit plans represent.
 - l. On the elevations, clearly distinguish between the portions of the existing building to remain and the proposed new building. Provide a more accurate depiction of the existing building façade, or provide separate existing and proposed elevations.
5. Density Bonus Diagrams/Calculations. Base Project = BP; Proposed Project = PP.
- a. Provide development standards compliance tables for the BP and PP, to demonstrate compliance and identify waiver/concession requests (height, setbacks, usable open space, parking for commercial/residential, etc..).
 - b. Provide a statement to explain how the requested concession results in identifiable and actual cost reductions, to provide for affordable housing costs”,
 - c. Provide the unit counts, per floor, on the BP and PP diagrams.
 - d. Density bonus waivers are not available for right-of-way encroachments.
6. Commercial Areas. Clarify whether the coffee shop, fitness, and yoga spaces are residential amenities restricted to tenants, or open to the public. If open to the public, provide the individual and combined commercial space areas in the compliance tables. Include commercial circulation areas, hallways, and trash areas in the total commercial area amount. Provide the amount of commercial area in the existing building to be demolished. Net new non-residential area in the project of 7,500 SF or more is subject to Affordable Housing and Child Care Fees. Also supply calculations for commercial use development standards (parking, privately-owned public open space, etc..)
7. Ground Floor Entries (Harold Way). Per BMC section 23E.68.060.F, for new buildings constructed on Public Serving Frontages, entrances to individual dwelling units are prohibited on the street-facing side of the street-level floor.
8. Historic Resource and CEQA Review. The site contains a City Landmark and requires the submittal of a Structural Alterations Permit application, to be reviewed by the Landmarks Preservation Commission. The LPC Secretary will work with you on the application submittal and review. Please submit the CEQA document that you refer to in your Historic Resource statement. Staff is determining the scope of the CEQA review that will be applied to the project, and you will be notified of the determination when it is reached.
9. Zoning Application Submittal Requirements (ZASR). The following required items were incomplete from the application submittal: [[ZASR](#) Link]
- a. Architect's Stamp. Include a licensed architect or engineer's stamp on each sheet in the plan set.
 - b. Shadow Studies. Guidelines are here: <https://tinyurl.com/sv8kkjo>
 - i. Clearly distinguish the road from the shadows in the diagrams.
 - ii. Clearly distinguish existing shadow impact from new, proposed impact.

- iii. Provide a shadow study for the date of submittal.
 - iv. Clearly label the structures within shadow impact areas with their uses (commercial, residential, etc..) on all of the studies.
 - v. The 3-dimensional renderings should be rendered from an angle that shows the shadow impact on adjacent structures.
- c. Geotechnical Investigation. The report you submitted will be peer-reviewed. Comments from peer reviewer will be forwarded to you.
- d. Neighborhood Meeting. Submit evidence of mailed invitations and notes from the meeting. Clarify when the invitations were mailed in relation to the date of the meeting.
- e. Traffic Impact Study. Submit documentation that Transportation Division has determined that the project is not required to submit a transportation impact study. Please contact Kim Pham in the Transportation Division (KPham@cityofberkeley.info) for more information.
- f. Tabulation Form. Please revise the Tabulation Form to reflect changes made in response to all other comments in this letter.
- g. Design Review. DR comments will be sent to you separately. Please respond to these comments in your next submittal, and copy Anne Burns for all submittals.

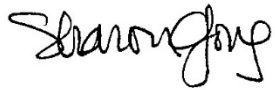
Advisory Comments

1. Interdepartmental Roundtable Meeting. An interdepartmental review will be scheduled as an opportunity for you to receive comments on the project from City departments such as Building and Safety, Transportation, Zero Waste, Parks, Toxics and Public Works. I will coordinate with you to schedule a time when you can attend.
2. Previews. Be advised that this project may undergo a Preview with the Zoning Adjustments Board, in addition to being scheduled for a LPC meeting and a ZAB decision hearing. The decision to undergo a ZAB Preview will be made on a per-project basis, with consideration of SB330 public meeting limits. A public hearing fee for the ZAB Preview will be invoiced separately if applicable to the project.

Revised submittal items should be submitted in both paper (two 11x17 sets) and electronic (CD or flash drive) form, to my attention, to the Permit Service Center at 1947 Center Street, 3rd floor. Please submit responses to all requested items at once, and not incrementally. Also, please be aware that if you do not take action on the above items within 60 days, the application may be deemed withdrawn and returned to you.

Should you have questions regarding this letter or your application, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Sharon Gong". The signature is written in a cursive, flowing style.

Sharon Gong
Principal Planner
(510) 981-7429
sgong@cityofberkeley.info

Geotechnical Investigation Report

Berkeley Plaza Project

2211 Harold Way

Berkeley, California



Map Source: Thompson & West, 1878

SUBMITTED TO:

Joe Sugiyama
Managing Director, Strategy & Innovation
CA Ventures
130 E. Randolph Street, Suite 2100
Chicago, IL 60601
jsugiyama@ca-ventures.com

August 24, 2021 **DRAFT**





A3GEO, Inc. • 821 Bancroft Way, Berkeley CA 94710

August 24, 2021

Joe Sugiyama
Managing Director, Strategy & Innovation CA Ventures
130 E. Randolph Street, Suite 2100
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.

Timothy P. Sneddon, PE, GE
Principal Engineer
(408) 499-1465

Wayne Magnusen, PE, GE
Principal Engineer
(510) 325-5724



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- Appendix E – Sanborn Maps
- Appendix F – Historical Aerial Photographs
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DRAFT



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 Kittredge 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-III-A 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.

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 Elevation¹ | 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 Elevation¹ | 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 OSHPD² 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 liquefaction³ 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 plains 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 mélangé (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 mélangé (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) 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.

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.

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, coarse-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:

$M_w = 7.33$; 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.



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.

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, C_s , 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 Footings/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 1/2- and 1/4- 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.



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.



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.

DRAFT

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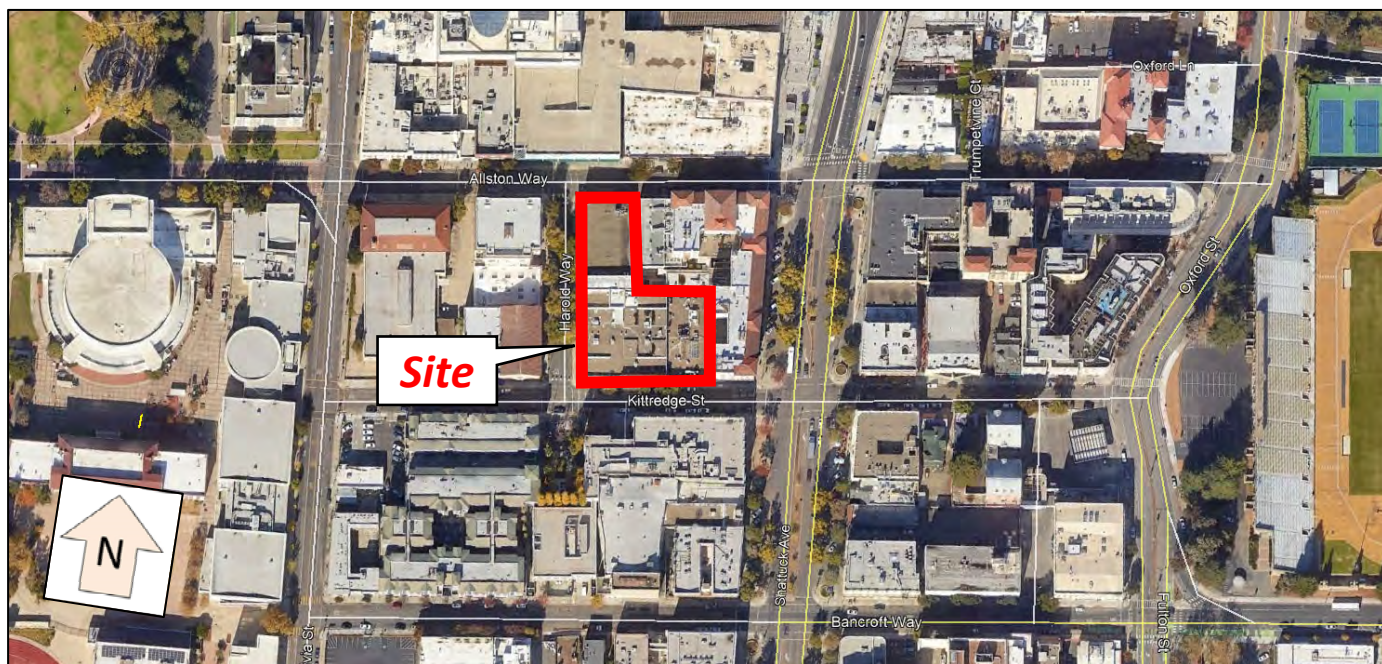
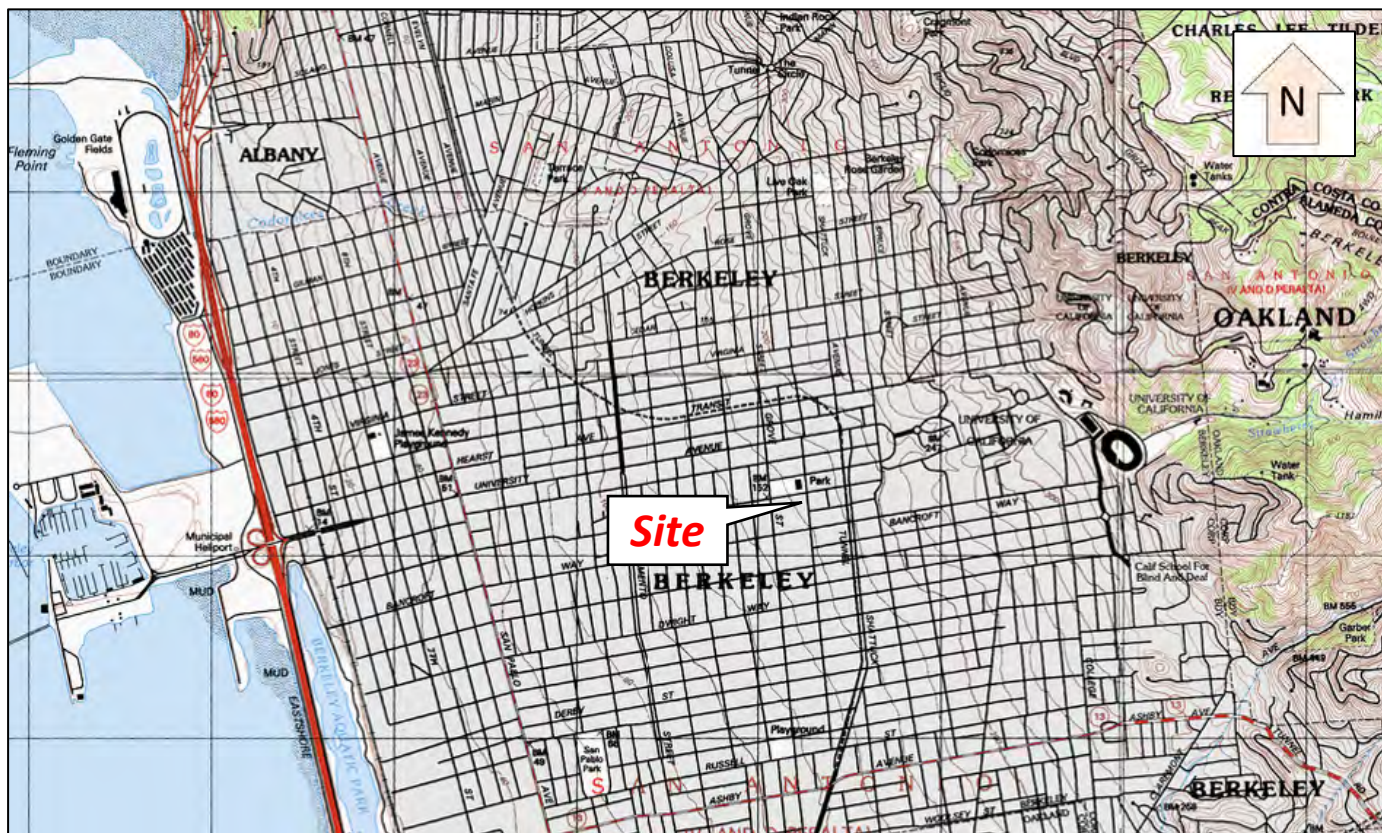


PLATES

BERKELEY PLAZA
BERKELEY, CALIFORNIA



Source: U.S. Geologic Survey (USGS) Quadrangle Maps

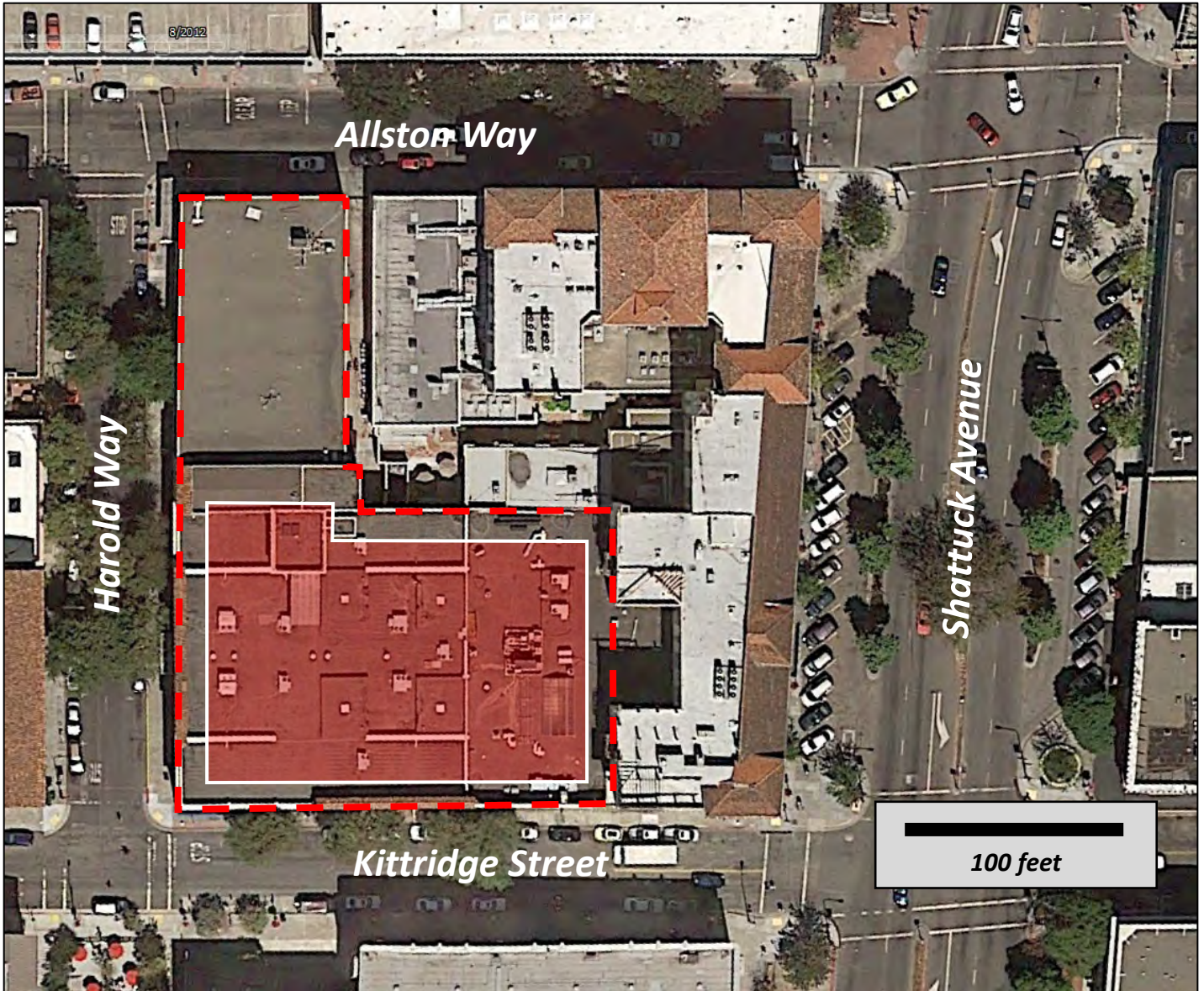


BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 1
Vicinity and Location Maps



Source: Google Earth (imagery date: 8/28/2012)



Approximate Site Limits



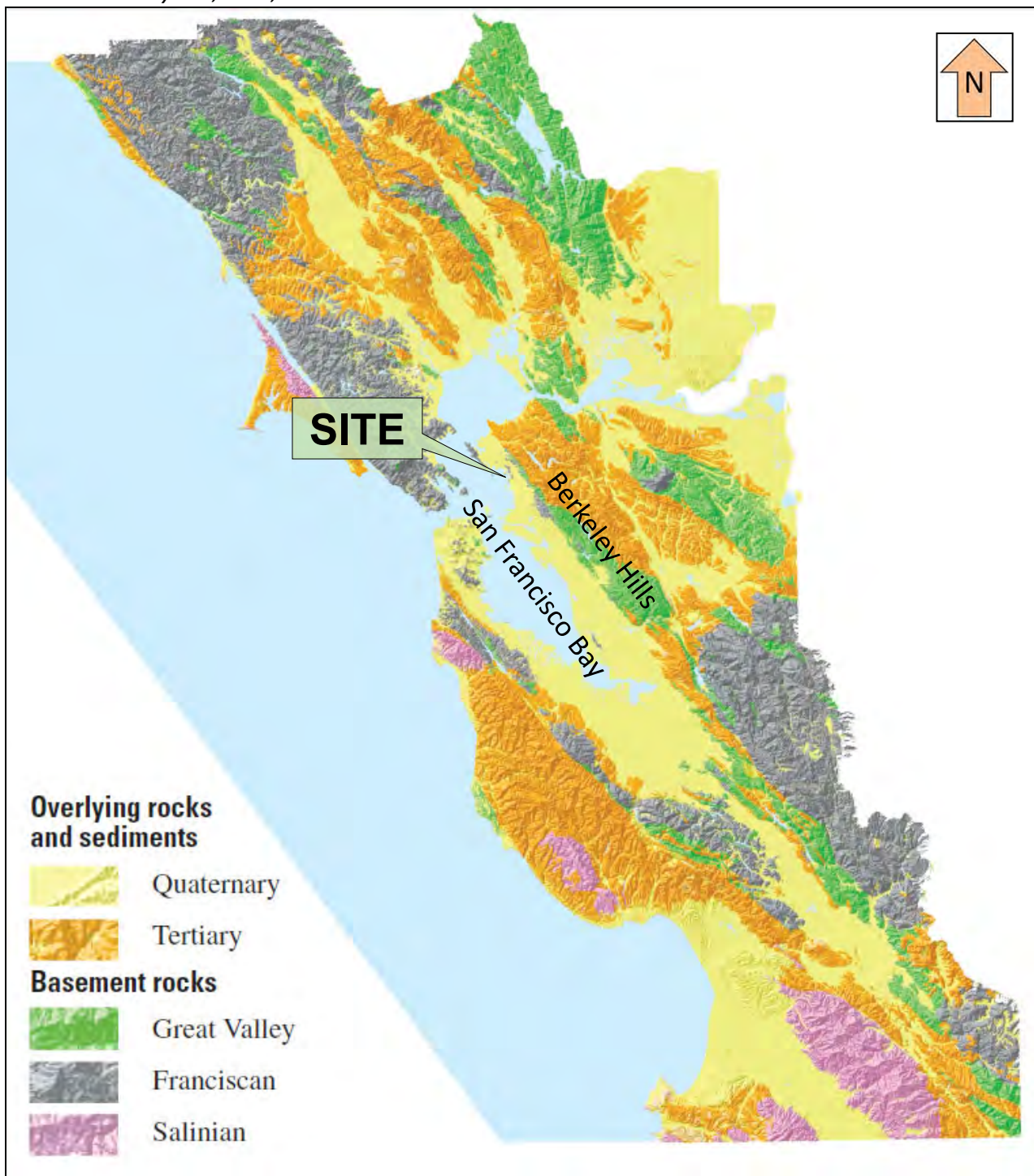
Approximate Limits of Planned
Below-Grade Construction

BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 2
Site Aerial Photograph



SOURCE: Graymer, et al, 2006



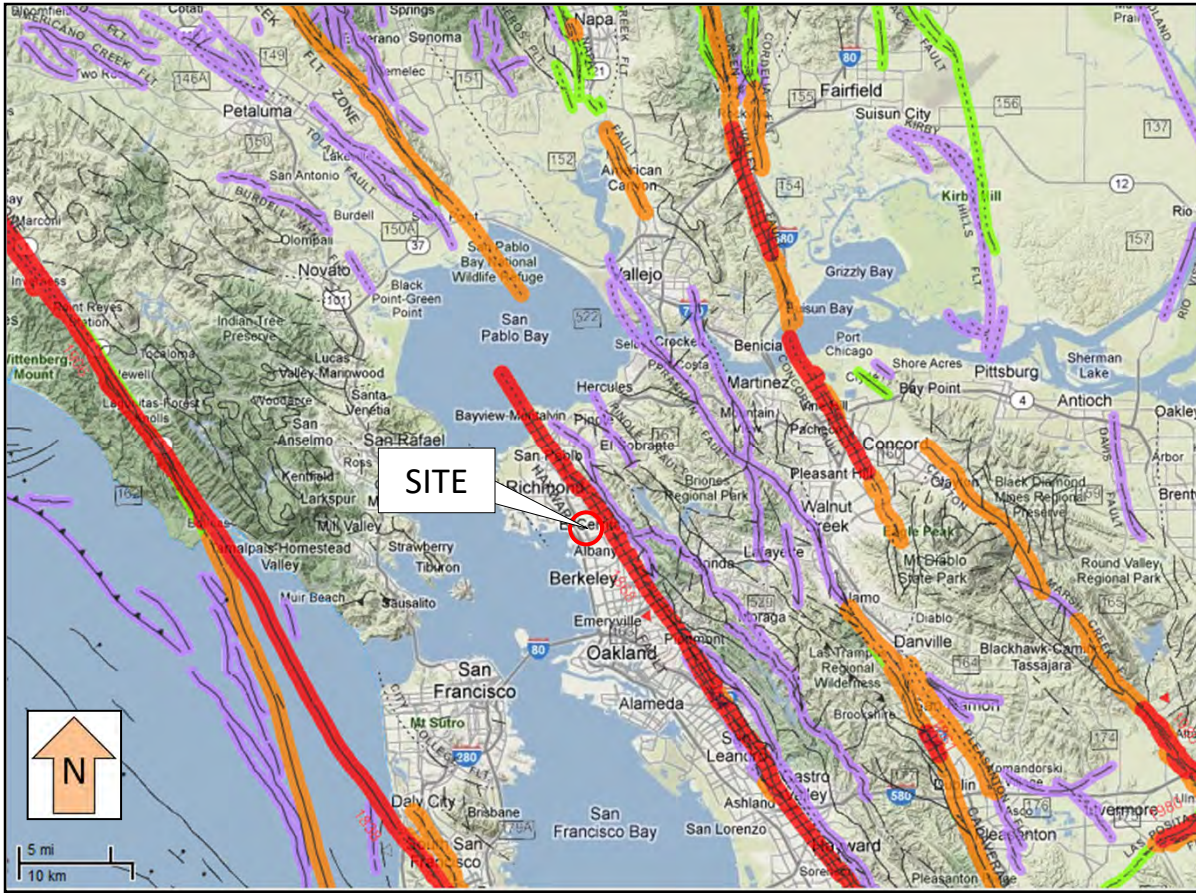
BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 3
Regional Geology Map



Rodgers
Creek

Green Valley
- Concord



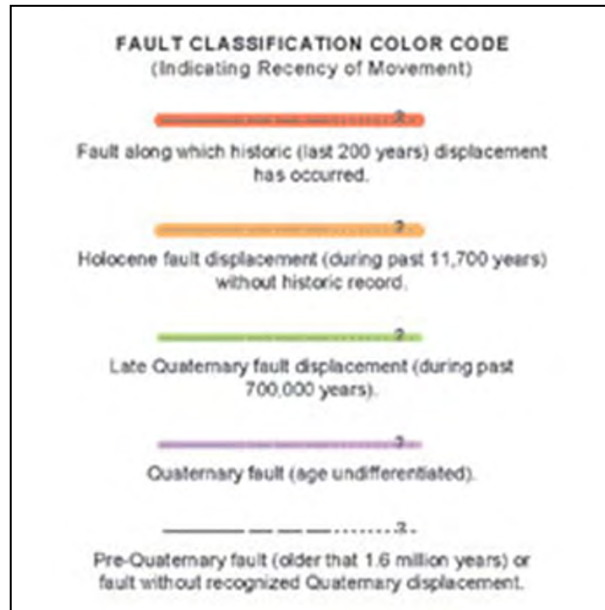
Greenville

San Gregorio San Andreas

Hayward Calaveras

SOURCE:
<http://www.quake.ca.gov/gmaps/FAM/faultactivitymap.html>

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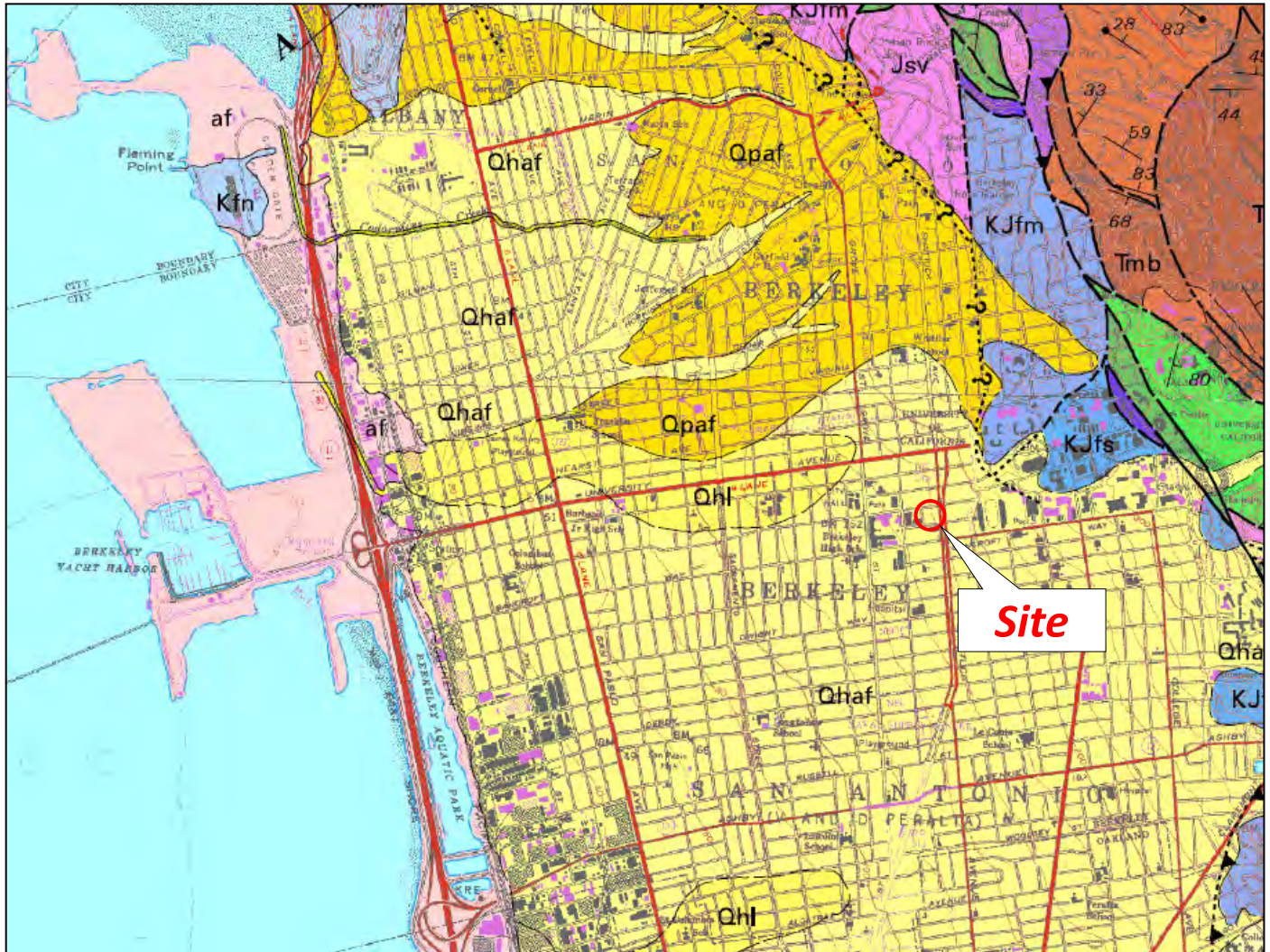


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BERKELEY, CALIFORNIA

Plate 4
CGS Fault Activity Map



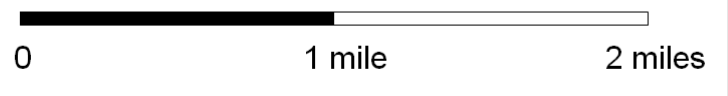
SOURCE: Graymer, 2000 , USGS MF-2342



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, m élange (Cretaceous Late Jurassic), includes mapped locally: Graywacke and meta-graywacke blocks |
| fs | |

APPROXIMATE SCALE



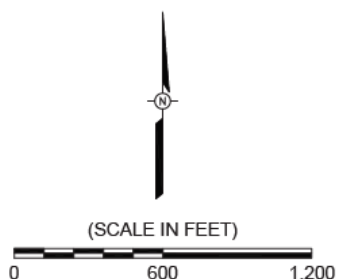
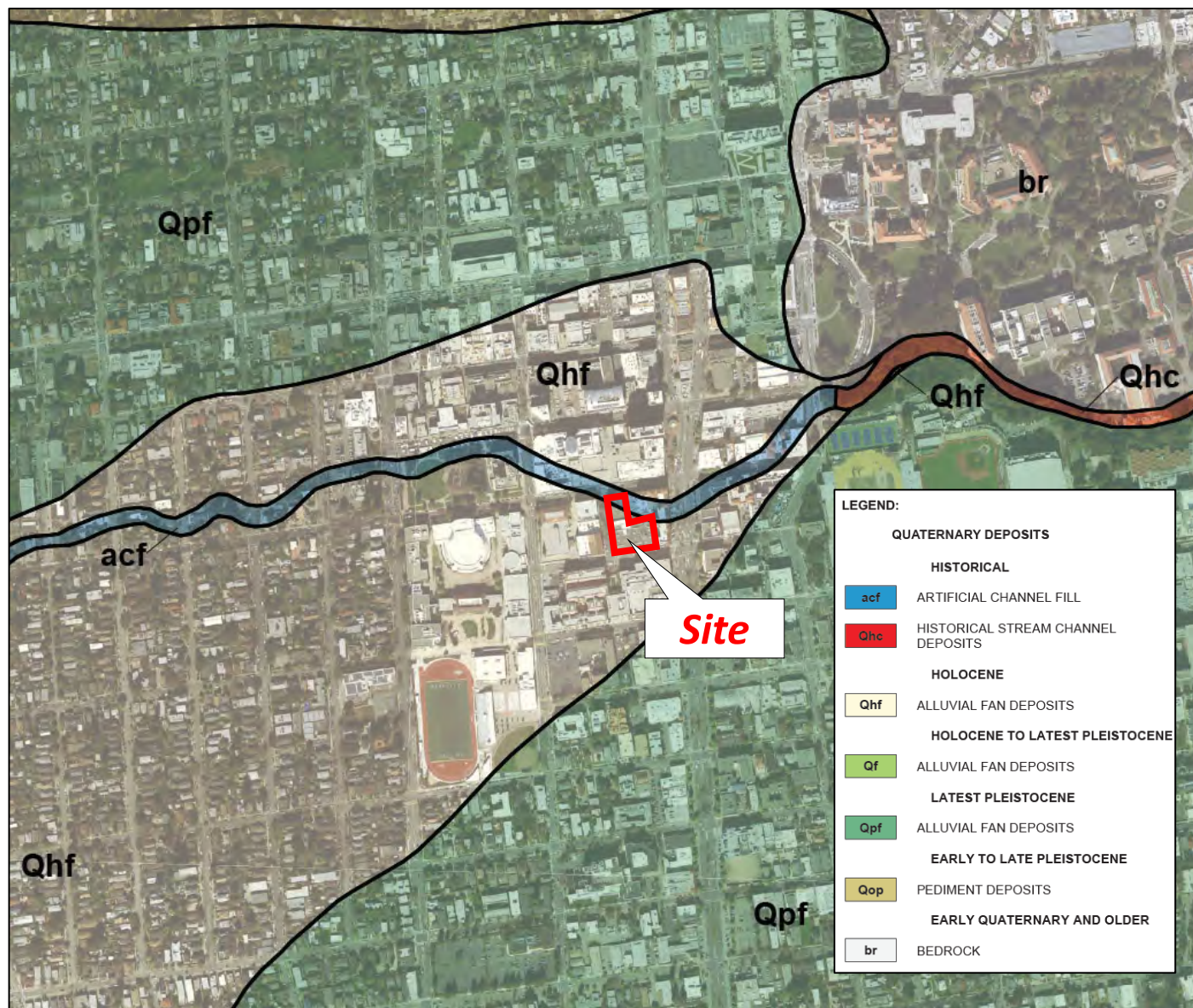
- Contact— Depositional or intrusive contact, dashed where approximately located, dotted where concealed
- Fault— Dashed where approximately located, small dashes where inferred, dotted where concealed, queried where location is uncertain.
- ▼ Reverse or thrust fault— Dashed where approximately located, dotted where concealed
- || Normal fault— Dashed where approximately located, dotted where concealed

BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 5
USGS Regional Geologic Map

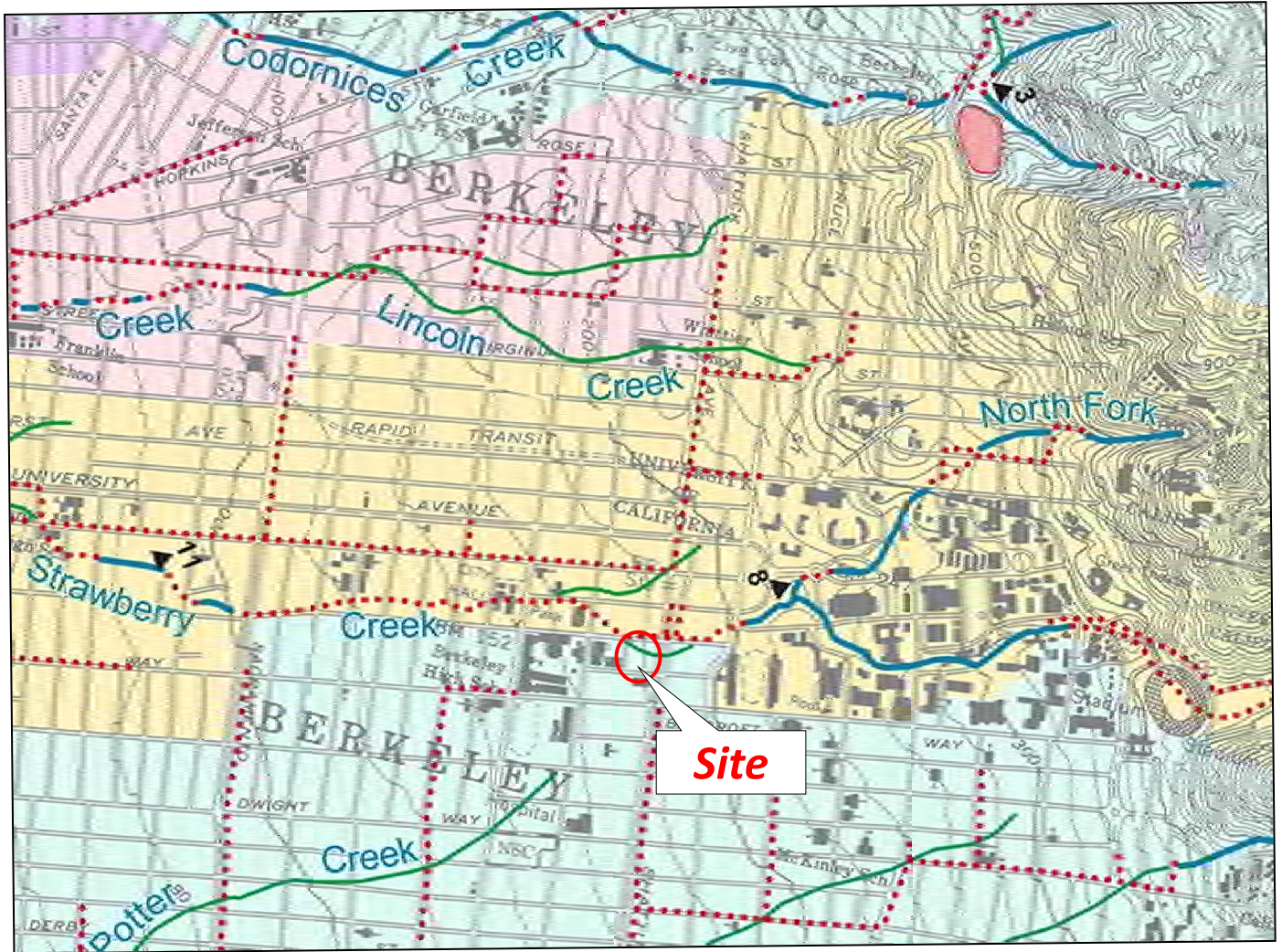







SOURCE: Witter, et al., 2006 , USGS OFR 2006-1037



BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 6
USGS Quaternary Deposits Map



-  Creeks
-  Former creeks, buried or drained, circa 1850
-  Natural end of creek channel, circa 1850
-  Underground culverts and storm drains
-  Engineered channels

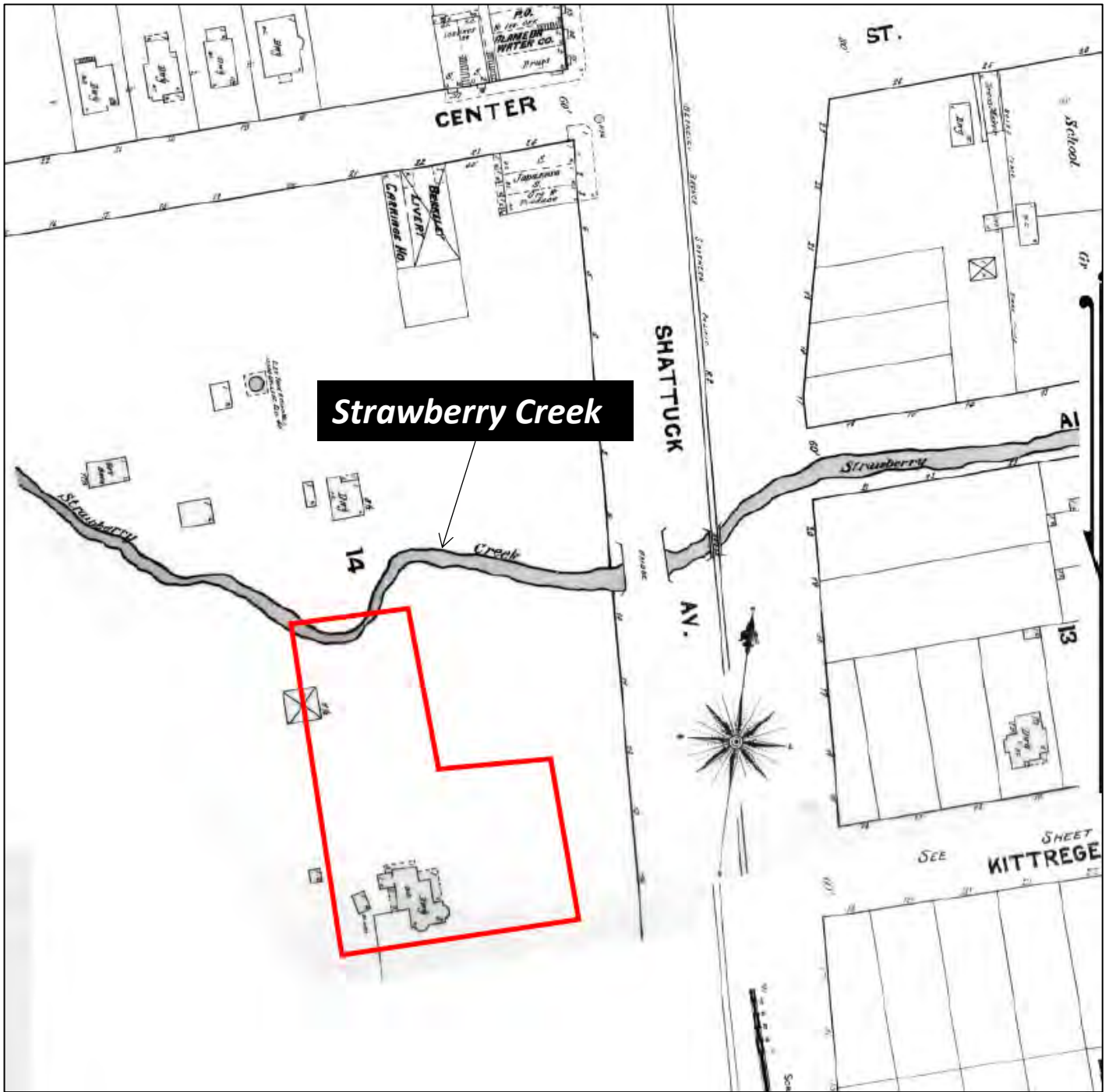
BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 7
Berkeley Creek Map



BERKELEY PLAZA
BERKELEY, CALIFORNIA

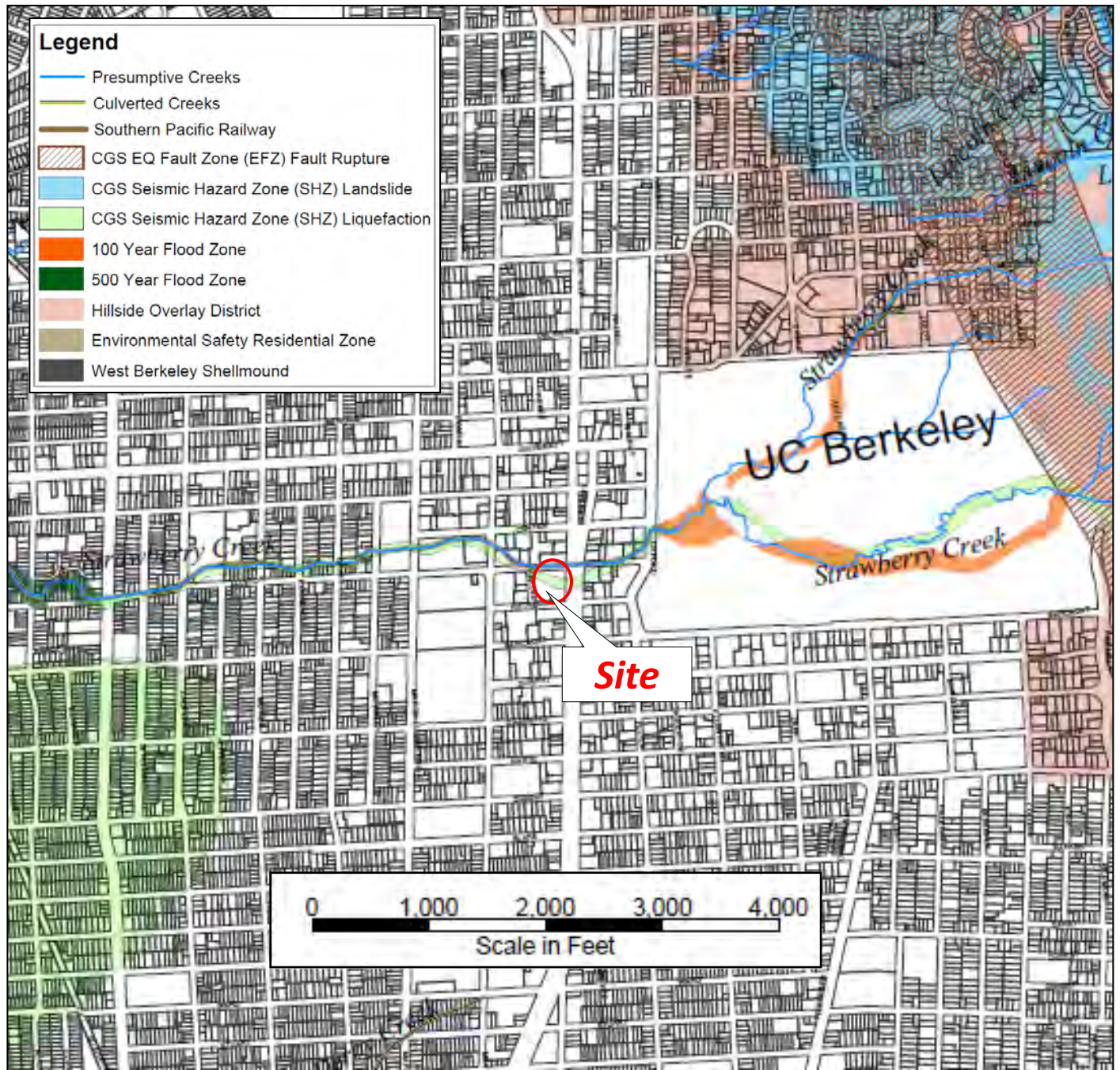
Plate 8
1878 Thompson & West Map



Strawberry Creek

BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 9
1890 Sanborn Map

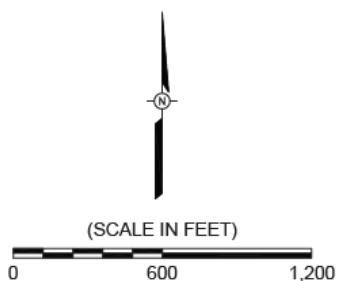
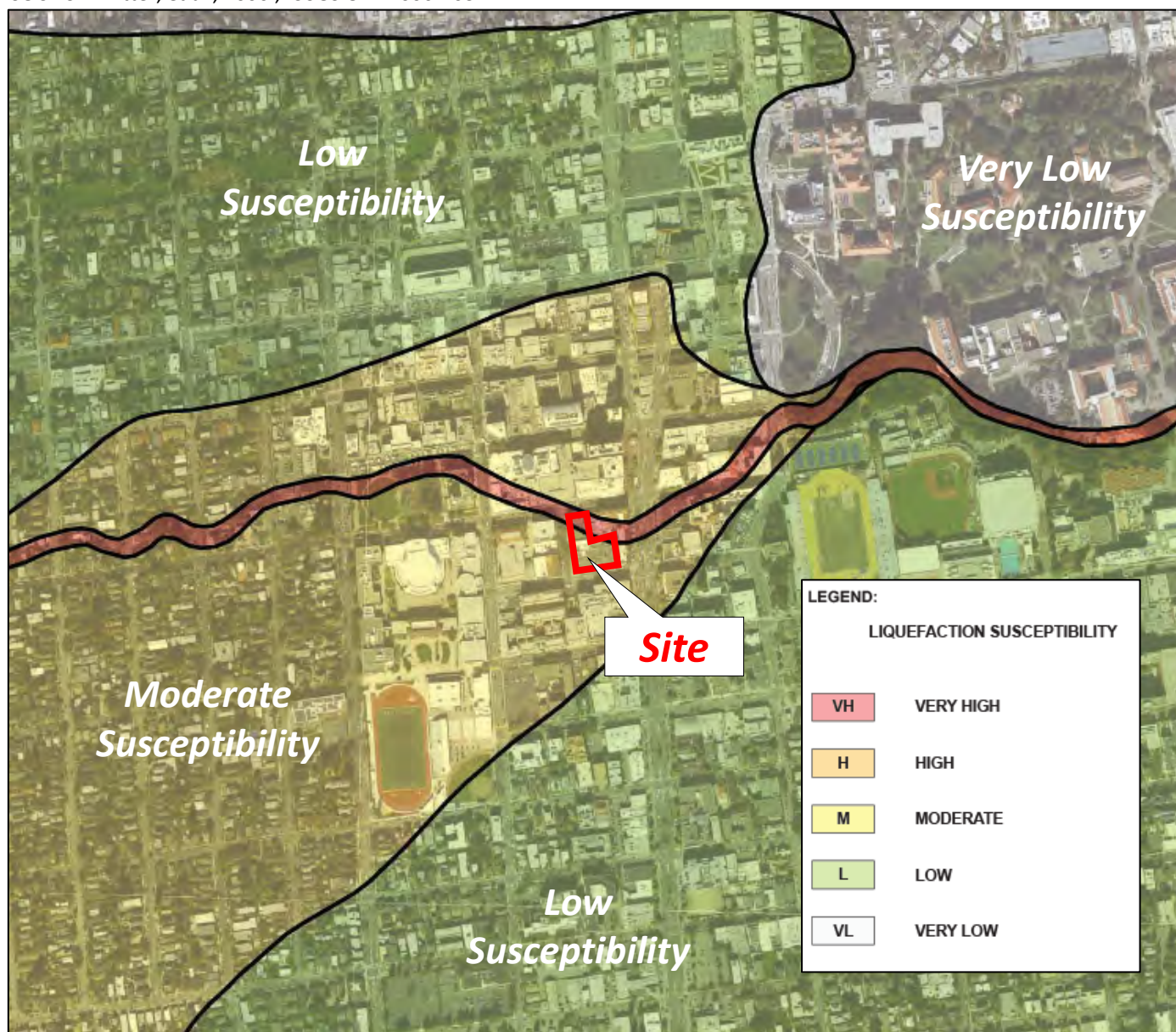


BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 10
Berkeley Environmental Constraints Map

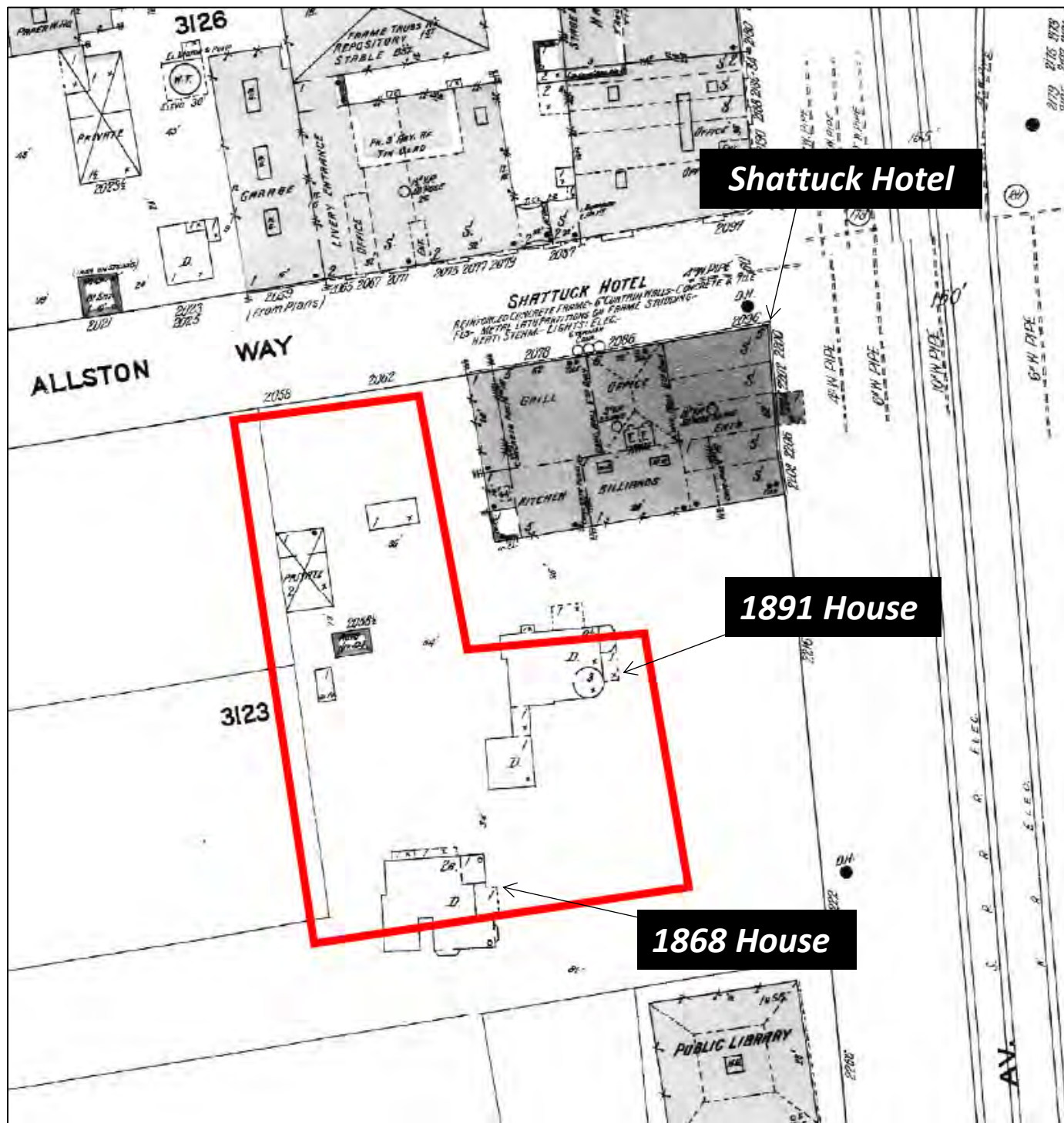


SOURCE: Witter, et al., 2006 , USGS OFR 2006-1037



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/>



BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 13
Shattuck Hotel

Source: *berkeleyheritage.com*

1868 House

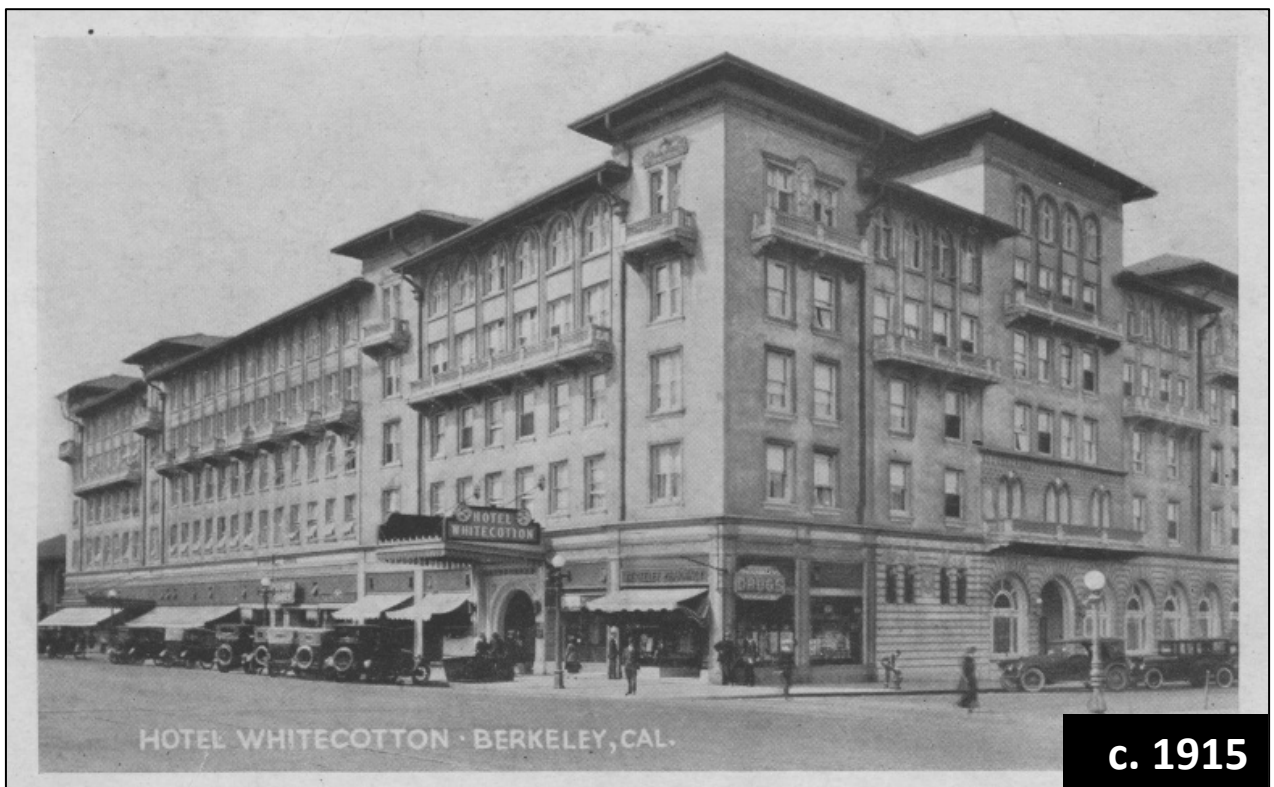


1891 House



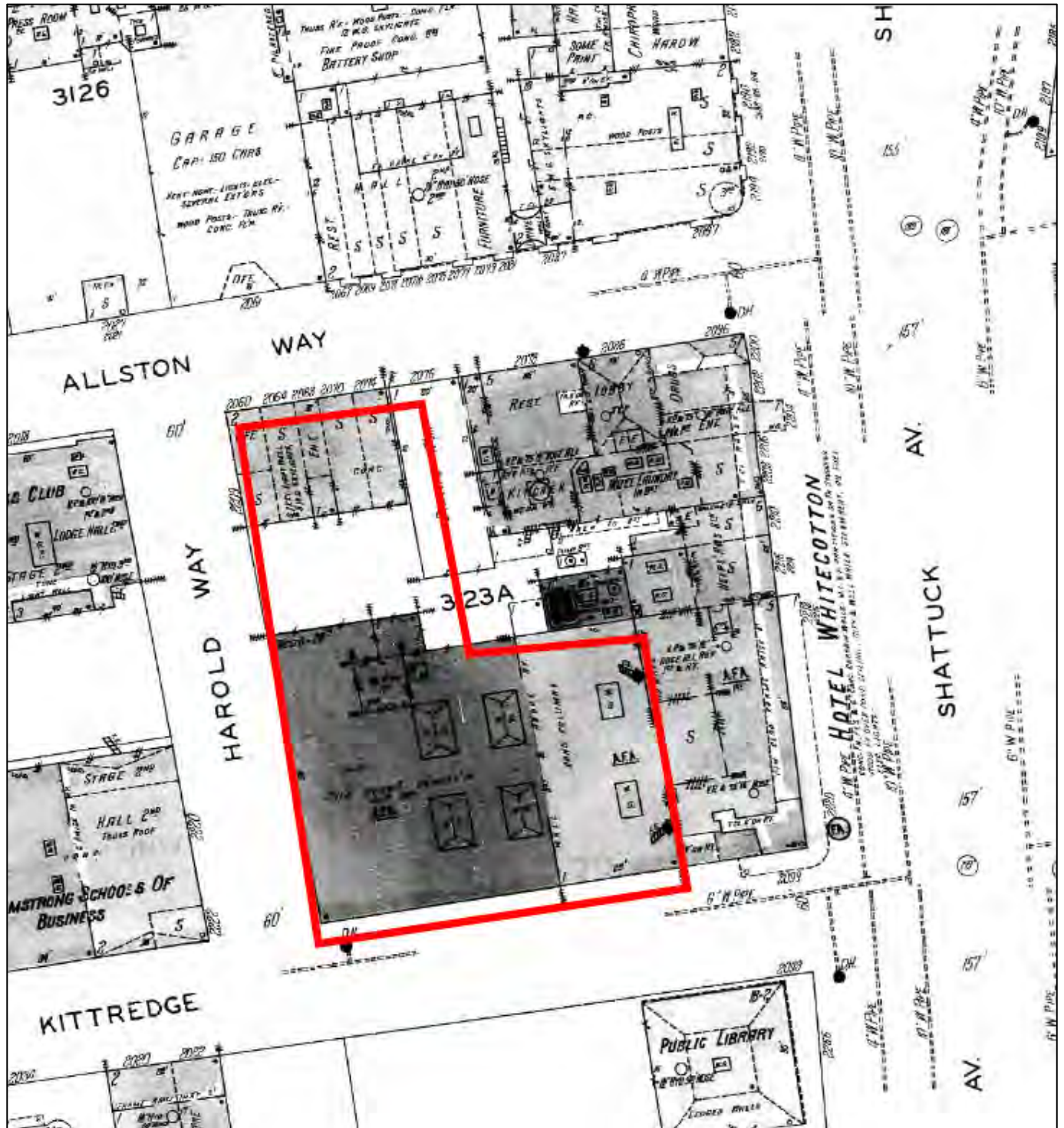
BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 14
1868 and 1891 Houses



BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 15
Shattuck Hotel - Hotel Whitecotton



BERKELEY PLAZA
BERKELEY, CALIFORNIA

Plate 16
1929 Sanborn Map

Source: a+h, 2013

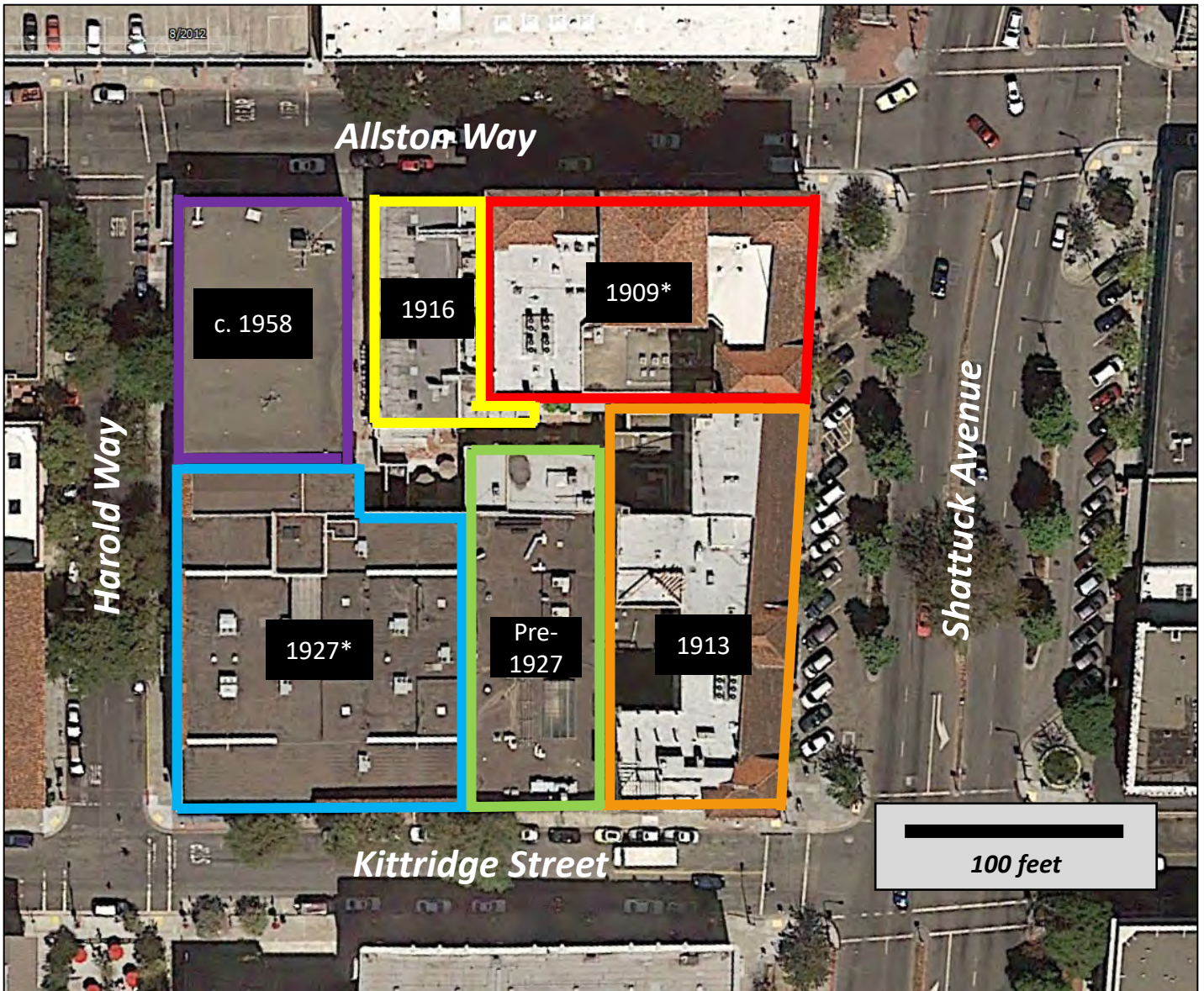


BERKELEY PLAZA
BERKELEY, CALIFORNIA







Plate 17
Hinks 1958-1959 Addition



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)

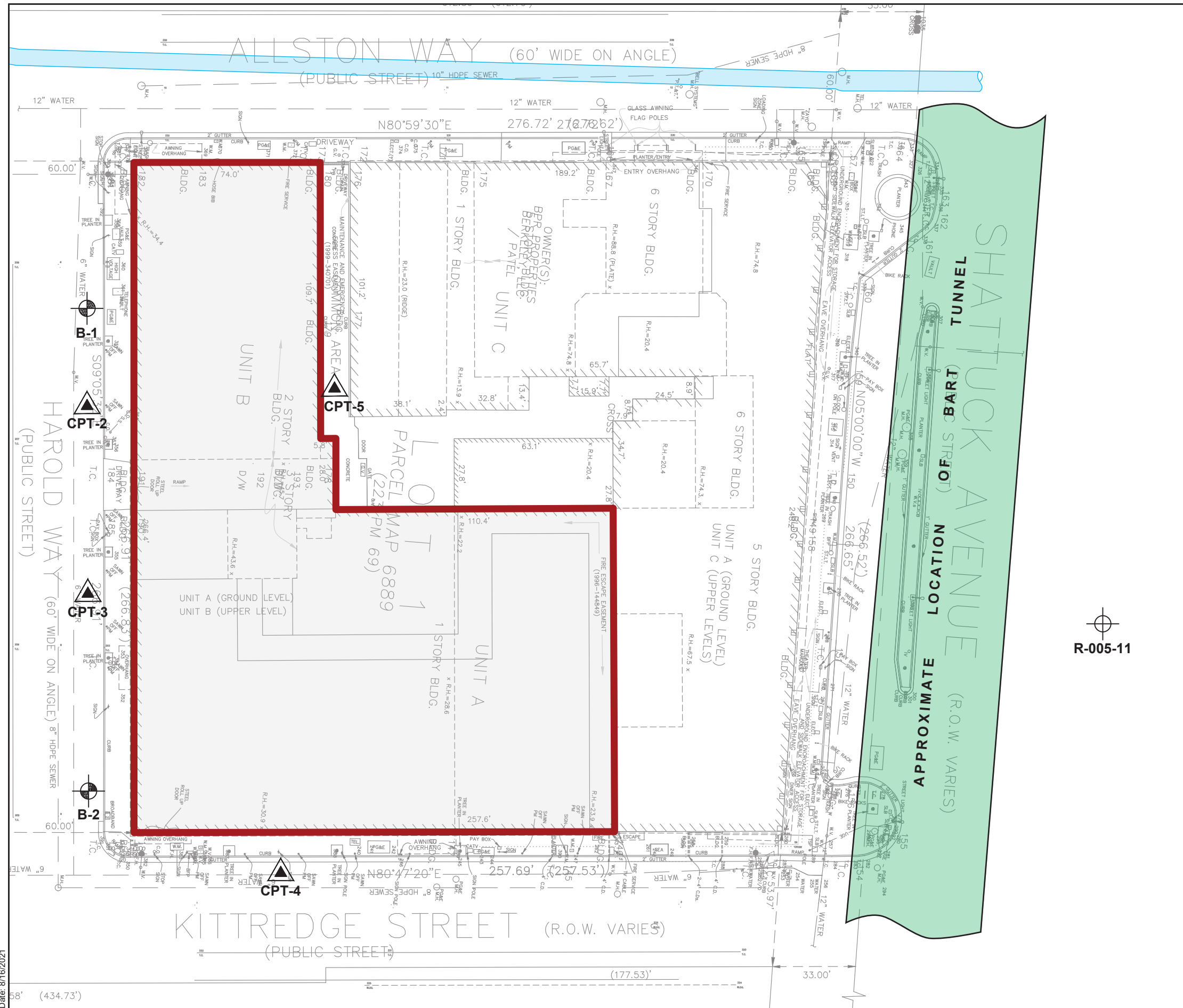
BERKELEY PLAZA
BERKELEY, CALIFORNIA

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
- A3GEO 2019 SOIL BORING LOCATION
- A3GEO 2019 CPT LOCATION
- 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.



BERKELEY PLAZA, 2211 HAROLD WAY
 BERKELEY, CALIFORNIA

Project No. 1182-1A

SITE PLAN



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

PAGE 1 OF 5

CLIENT HSR Berkeley Investments
PROJECT NUMBER 1114-10A
DATE STARTED 6/12/19 **COMPLETED** 6/14/19
DRILLING CONTRACTOR Pitcher Drilling Co.
DRILLING METHOD Mud Rotary
LOGGED BY M. Hachey **CHECKED BY** SK
NOTES _____

PROJECT NAME Berkeley Plaza
PROJECT LOCATION 2211 Harold Way, Berkeley, CA
GROUND ELEVATION 172 ft **HOLE SIZE** 6
GROUND WATER LEVELS:
AT TIME OF DRILLING --- Not Measured
AT END OF DRILLING --- Not Measured
AFTER DRILLING --- Not Measured

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\ INVESTIGATION\BORING LOGS\GINT\1114-10A.GPJ

| 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 | | | | | |
| 10 | | Note: Top of natural soils estimated from surrounding samples 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% |
| 15 | | SANDY LEAN CLAY (CL) - light gray with orange and black staining, hard, low to medium plasticity, moist [ALLUVIUM] | MC | 33 | | | | | |
| 20 | | LEAN CLAY WITH SAND (CL) - reddish light brown with black staining, hard, low plasticity, moist [ALLUVIUM] | 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 |
| 35 | | SANDY LEAN CLAY (CL) - yellowish brown, very stiff, fine to coarse sand, some fine gravel, low plasticity, moist [ALLUVIUM] | | | | | | | |

(Continued Next Page)



A3GEO, Inc.
1331 Seventh Ave, Suite E
Berkeley, CA 94710
Telephone: 510-705-1664

BORING NUMBER B-1

PAGE 2 OF 5

| | |
|------------------------------------------------------|-------------------------------------------------------|
| 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 |

GEO TECH BH COLUMN TERM LEFT ALIGNED (2) - A3GEO DATA TEMPLATE.GDT - 8/21/19 16:31 - A:\A3GEO PROJECTS\1114 - TIPPING\1114-10A BERKELEY PLAZA\ INVESTIGATION\BORING LOGS\GINT\1114-10A.GPJ

| 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 |
|------------|-------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------|-------------------|--------------------|----------------------|------------------|---------------------------------------------------|
| 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 | | | | | | | | | |

(Continued Next Page)



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BORING NUMBER B-1

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| | |
|------------------------------------------------------|-------------------------------------------------------|
| 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 |

GEO TECH BH COLUMN TERM LEFT ALIGNED (2) - A3GEO DATA TEMPLATE.GDT - 8/21/19 16:31 - A:\A3GEO PROJECTS\1114 - TIPPING\1114-10A BERKELEY PLAZA\ INVESTIGATION\BORING LOGS\GINT\1114-10A.GPJ

| 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 | | | | | | | | | |

(Continued Next Page)



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| | |
|--------------------------------------------------------------------|-----------------------------------------------------------------|
| CLIENT <u>HSR Berkeley Investments</u> | PROJECT NAME <u>Berkeley Plaza</u> |
| PROJECT NUMBER <u>1114-10A</u> | PROJECT LOCATION <u>2211 Harold Way, Berkeley, CA</u> |
| DATE STARTED <u>6/12/19</u> COMPLETED <u>6/14/19</u> | GROUND ELEVATION <u>172 ft</u> HOLE SIZE <u>6</u> |
| DRILLING CONTRACTOR <u>Pitcher Drilling Co.</u> | GROUND WATER LEVELS: |
| DRILLING METHOD <u>Mud Rotary</u> | AT TIME OF DRILLING <u>--- Not Measured</u> |
| LOGGED BY <u>M. Hachey</u> CHECKED BY <u>SK</u> | AT END OF DRILLING <u>--- Not Measured</u> |
| NOTES | AFTER DRILLING <u>--- Not Measured</u> |

GEO TECH BH COLUMN TERM LEFT ALIGNED (2) - A3GEO DATA TEMPLATE.GDT - 8/21/19 16:31 - A:\A3GEO PROJECTS\1114 - TIPPING\1114-10A BERKELEY PLAZA\ INVESTIGATION\BORING LOGS\GINT\1114-10A.GPJ

| 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 |
|------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------|-------------------|--------------------|----------------------|------------------|------------------------------------|
| 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 | | | | | | | | | |

(Continued Next Page)



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BORING NUMBER B-1

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CLIENT HSR Berkeley Investments
PROJECT NUMBER 1114-10A
DATE STARTED 6/12/19 **COMPLETED** 6/14/19
DRILLING CONTRACTOR Pitcher Drilling Co.
DRILLING METHOD Mud Rotary
LOGGED BY M. Hachey **CHECKED BY** SK
NOTES _____

PROJECT NAME Berkeley Plaza
PROJECT LOCATION 2211 Harold Way, Berkeley, CA
GROUND ELEVATION 172 ft **HOLE SIZE** 6
GROUND WATER LEVELS:
AT TIME OF DRILLING --- Not Measured
AT END OF DRILLING --- Not Measured
AFTER DRILLING --- Not Measured

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

| 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 | | | | | | | | | |
| 140 - 145 | | 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 - 155 | | SANDY LEAN CLAY (CL) - mottled light gray and orangish brown with some black staining, hard, fine to medium sand, low plasticity [ALLUVIUM] | MC | 50 | | | | | |
| 155 - 165 | | 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] | MC | 32/5.0" | | | | | |
| 165 - 170 | | weathered Claystone/Conglomerate | 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. Borehole was backfilled with cement grout upon completion of the drilling.



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| | |
|--------------------------------------------------------------------|-----------------------------------------------------------------|
| CLIENT <u>HSR Berkeley Investments</u> | PROJECT NAME <u>Berkeley Plaza</u> |
| PROJECT NUMBER <u>1114-10A</u> | PROJECT LOCATION <u>2211 Harold Way, Berkeley, CA</u> |
| DATE STARTED <u>6/10/19</u> COMPLETED <u>6/12/19</u> | GROUND ELEVATION <u>172 ft</u> HOLE SIZE <u>6</u> |
| DRILLING CONTRACTOR <u>Pitcher Drilling Co.</u> | GROUND WATER LEVELS: |
| DRILLING METHOD <u>Mud Rotary</u> | AT TIME OF DRILLING <u>--- Not Measured</u> |
| LOGGED BY <u>M. Hachey</u> CHECKED BY <u>SK</u> | AT END OF DRILLING <u>--- Not Measured</u> |
| NOTES | AFTER DRILLING <u>--- Not Measured</u> |

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\ INVESTIGATION\BORING LOGS\GINT\1114-10A.GPJ

| 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% |
| 10 | | increase in gravel content 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 | | | | | |
| 15 | | 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] | MC | 34 | | | | | Gravel=21% Sand=61% #200=18% |
| 20 | | decrease in gravel content, fine to medium gravel LEAN CLAY WITH SAND (CL) - mottled grayish and orange brown, stiff, medium to coarse sand, low plasticity, moist [ALLUVIUM] | MC | 31 | | | | | |
| 25 | | SILTY SAND (SM) - grayish brown to brown with iron staining, fine to coarse sand, few gravel, moist [ALLUVIUM] | MC | 13 | | | | | Gravel=5% Sand=19% #200=76% LL=27, PI=9 |
| 30 | | | 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] | | | | | | | |

(Continued Next Page)



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CLIENT HSR Berkeley Investments
PROJECT NUMBER 1114-10A
DATE STARTED 6/10/19 **COMPLETED** 6/12/19
DRILLING CONTRACTOR Pitcher Drilling Co.
DRILLING METHOD Mud Rotary
LOGGED BY M. Hachey **CHECKED BY** SK
NOTES

PROJECT NAME Berkeley Plaza
PROJECT LOCATION 2211 Harold Way, Berkeley, CA
GROUND ELEVATION 172 ft **HOLE SIZE** 6
GROUND WATER LEVELS:
AT TIME OF DRILLING --- Not Measured
AT END OF DRILLING --- Not Measured
AFTER DRILLING --- Not Measured

GEOTECH BH COLUMN TERM LEFT ALIGNED (2) - A3GEO DATA TEMPLATE.GDT - 8/21/19 16:31 - A:\A3GEO PROJECTS\1114 - TIPPING\1114-10A BERKELEY PLAZA4 INVESTIGATION\BORING LOGS\GINT\1114-10A.GPJ

| 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 |
|------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------|-------------------|--------------------|----------------------|------------------|-----------------------------------------------------------------------|
| 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 | | | | | |
| 45 | | 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] | MC | 42 | | | | | Gravel=30% Sand=47% #200=23% TXUU Su=1.25 tsf |
| 50 | | brown, very dense | MC | 32/5.5" | | 118 | 16 | | |
| 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" | | | | | |
| 65 | | CLAYEY SAND (SC) - light brown, medium dense, fine to coarse sand, few fine gravel, moist [ALLUVIUM] | MC | 25 | | | | | Gravel=3% Sand=52% #200=45% |
| 70 | | SANDY LEAN CLAY (CL) - mottled grayish and orange brown, very stiff, mostly fine sand, low plasticity, moist [ALLUVIUM] | | | | | | | |

(Continued Next Page)



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| | |
|--------------------------------------------------------------------|-----------------------------------------------------------------|
| CLIENT <u>HSR Berkeley Investments</u> | PROJECT NAME <u>Berkeley Plaza</u> |
| PROJECT NUMBER <u>1114-10A</u> | PROJECT LOCATION <u>2211 Harold Way, Berkeley, CA</u> |
| DATE STARTED <u>6/10/19</u> COMPLETED <u>6/12/19</u> | GROUND ELEVATION <u>172 ft</u> HOLE SIZE <u>6</u> |
| DRILLING CONTRACTOR <u>Pitcher Drilling Co.</u> | GROUND WATER LEVELS: |
| DRILLING METHOD <u>Mud Rotary</u> | AT TIME OF DRILLING <u>--- Not Measured</u> |
| LOGGED BY <u>M. Hachey</u> CHECKED BY <u>SK</u> | AT END OF DRILLING <u>--- Not Measured</u> |
| NOTES | AFTER DRILLING <u>--- Not Measured</u> |

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\ INVESTIGATION\BORING LOGS\GINT\1114-10A.GPJ

| 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) - 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] | | | | | | | |

(Continued Next Page)



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CLIENT HSR Berkeley Investments
PROJECT NUMBER 1114-10A
DATE STARTED 6/10/19 **COMPLETED** 6/12/19
DRILLING CONTRACTOR Pitcher Drilling Co.
DRILLING METHOD Mud Rotary
LOGGED BY M. Hachey **CHECKED BY** SK
NOTES

PROJECT NAME Berkeley Plaza
PROJECT LOCATION 2211 Harold Way, Berkeley, CA
GROUND ELEVATION 172 ft **HOLE SIZE** 6
GROUND WATER LEVELS:
AT TIME OF DRILLING --- Not Measured
AT END OF DRILLING --- Not Measured
AFTER DRILLING --- Not Measured

GEO TECH BH COLUMN TERM LEFT ALIGNED (2) - A3GEO DATA TEMPLATE.GDT - 8/21/19 16:31 - A:\A3GEO PROJECTS\1114 - TIPPING\1114-10A BERKELEY PLAZA\ INVESTIGATION\BORING LOGS\GINT\1114-10A.GPJ

| 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 | |
|------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------|-------------------|--------------------|----------------------|------------------|-----------------------------------|------------------------------------|
| 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% | |
| 110 | | 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] | MC | 32/5.0" | | | | | | |
| 115 | | increase in iron staining, decrease in gravel content | MC | 32/4.5" | | | | | | |
| 120 | | CLAYEY SAND (SC) - yellowish brown, dense, some fine gravel, moist [ALLUVIUM] | MC | 45 | | | | | | Gravel=10% Sand=46% #200=44% |
| 125 | | 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] | 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 | | | | | | | | | | |

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BORING NUMBER B-2

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CLIENT HSR Berkeley Investments
PROJECT NUMBER 1114-10A
DATE STARTED 6/10/19 **COMPLETED** 6/12/19
DRILLING CONTRACTOR Pitcher Drilling Co.
DRILLING METHOD Mud Rotary
LOGGED BY M. Hachey **CHECKED BY** SK
NOTES _____

PROJECT NAME Berkeley Plaza
PROJECT LOCATION 2211 Harold Way, Berkeley, CA
GROUND ELEVATION 172 ft **HOLE SIZE** 6
GROUND WATER LEVELS:
AT TIME OF DRILLING --- Not Measured
AT END OF DRILLING --- Not Measured
AFTER DRILLING --- Not Measured








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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 |
|------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|--------------------------------|-------------------|--------------------|----------------------|------------------|-------------------------|
| 140 | | | | | | | | | |
| 140 - 145 | | 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 - 150 | | yellowish brown | MC | 32/4.0" | | | | | |
| 150 - 155 | | SANDY LEAN CLAY WITH GRAVEL (Weathered Conglomerate) - yellowish brown, hard, fine to coarse subangular gravel (sandstone fragments) [WEATHERED BEDROCK] | MC | 32/5.5" | | | | | |
| 155 - 160 | | visible bedrock structure | MC | 32/4.5" | | | | | |
| 160 - 165 | | sandstone gravel/cobbles in light gray clayey matrix (weathered Conglomerate) | MC | 32/5.5" | | | | | |
| 165 - 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. Borehole was backfilled with cement grout upon completion of the drilling.

| 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 No. 200 Sieve Sizes | 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) |
|  | Standard Penetration Test: SPT (2" O.D.) |  Pitcher Tube (ST) |
| | | <u>Water Levels</u>  At time of drilling  At end of drilling  After drilling |

| ABBREVIATIONS | | NOTES |
|---------------|----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Item | Meaning | 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. |
| 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 | |



| 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: | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <i>— 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</i> | |
| 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. |



APPENDIX B

CPT Logs
(this study)

BERKELEY PLAZA
BERKELEY, CALIFORNIA

CPT: A3CPT2



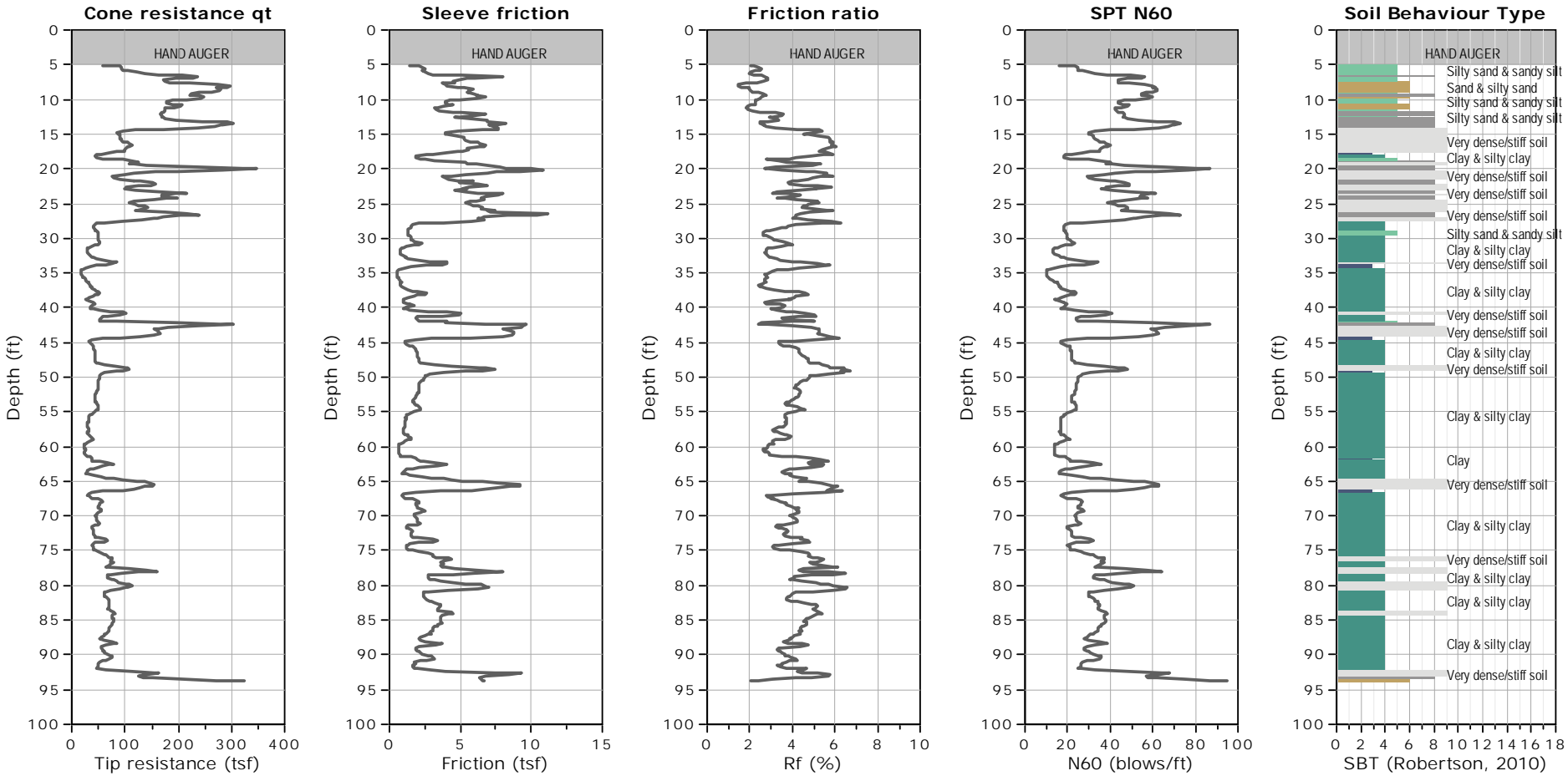
GREGG DRILLING, INC.
www.greggdrilling.com

CLIENT: A3GEO

SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELEY, CA

FIELD REP: LAURA BUCHANAN

Total depth: 93.83 ft, Date: 6/12/2019



SBTn legend

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

CPT: A3CPT2



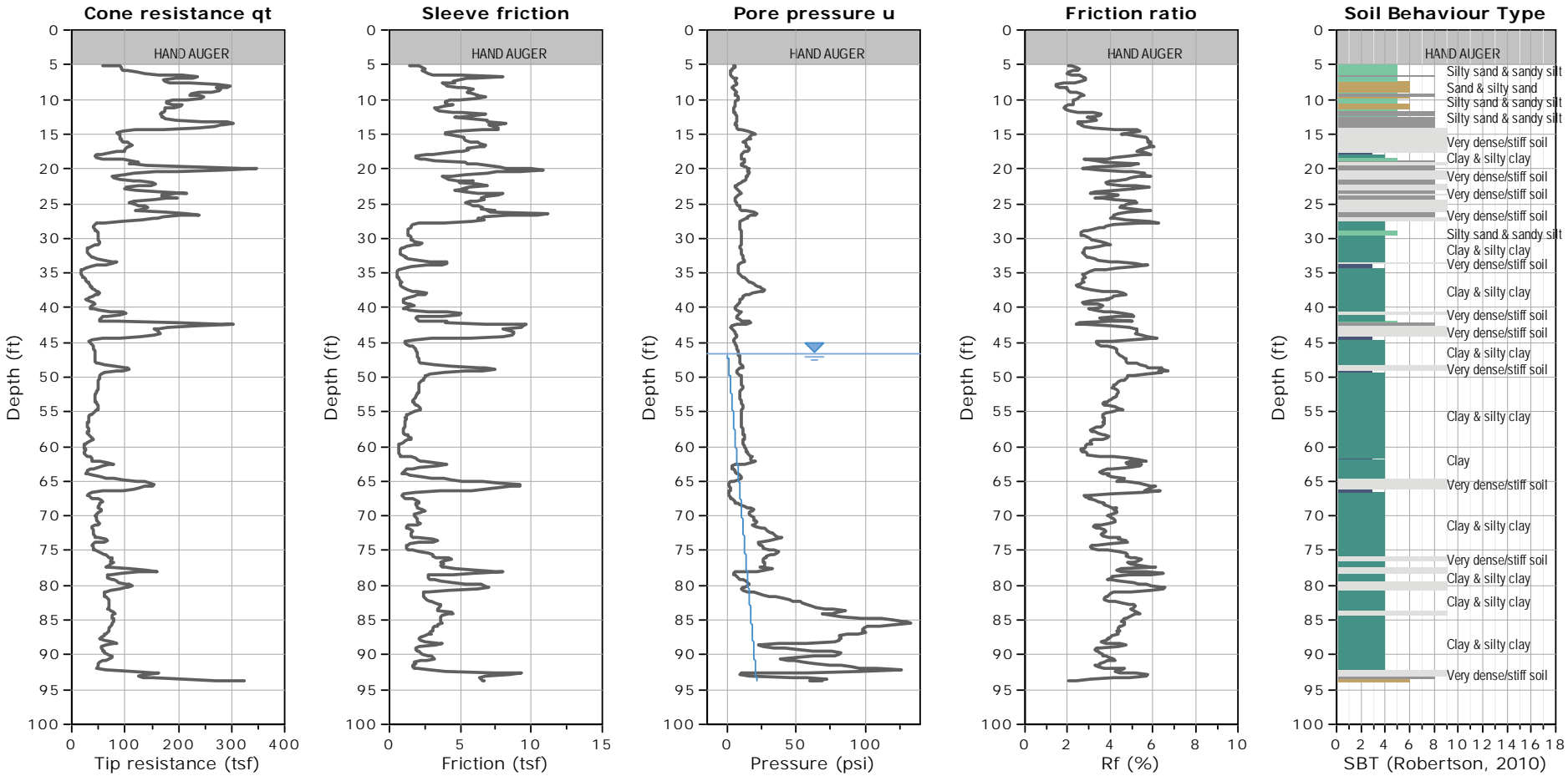
GREGG DRILLING, INC.
www.greggdrilling.com

CLIENT: A3GEO

SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELEY, CA

Field Rep: LAURA BUCHANAN

Total depth: 93.83 ft, Date: 6/12/2019



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

WATER TABLE FOR ESTIMATING PURPOSES ONLY

CPT: A3CPT3



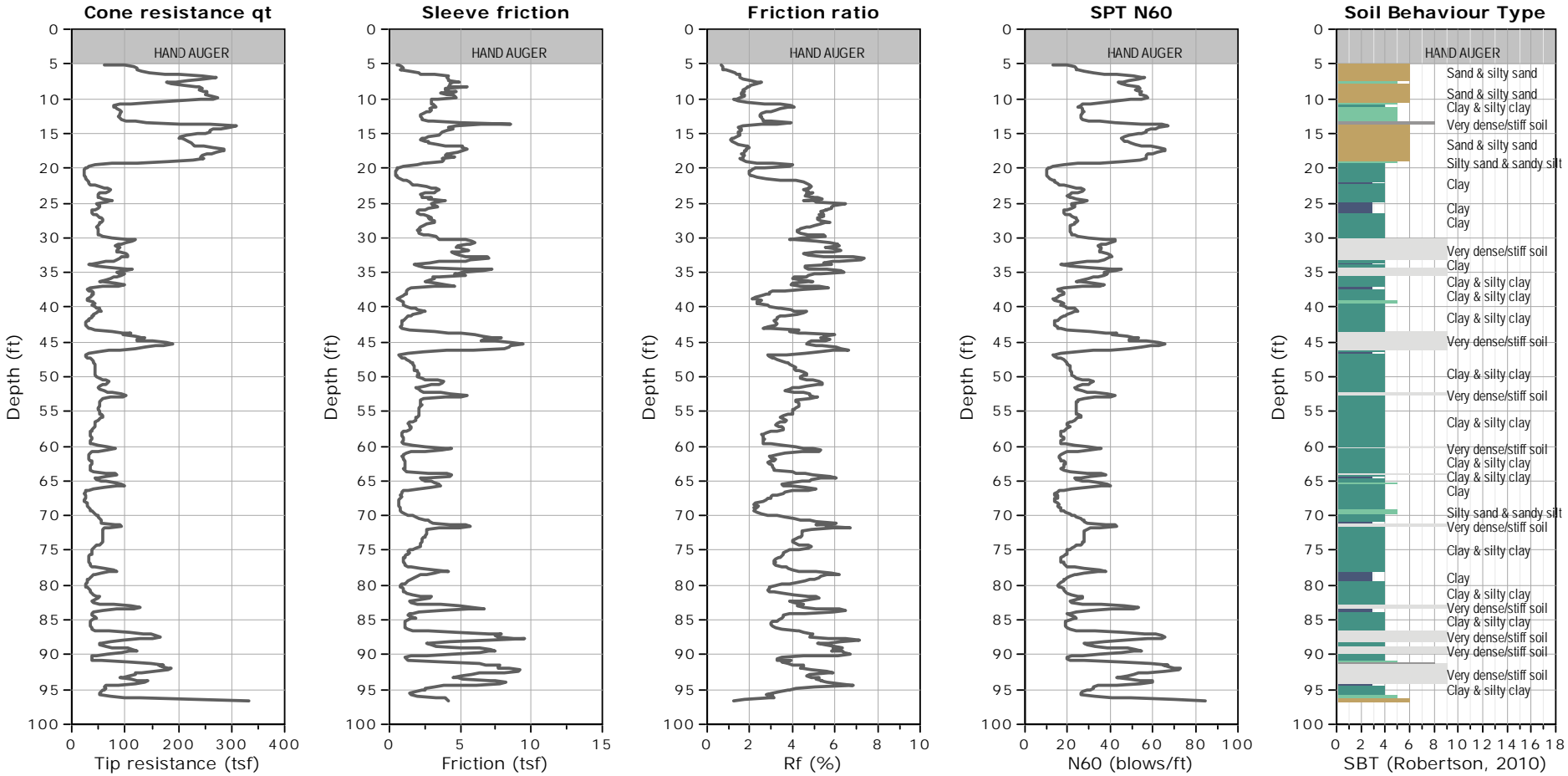
GREGG DRILLING, INC.
www.greggdrilling.com

CLIENT: A3GEO

SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELEY, CA

FIELD REP: LAURA BUCHANAN

Total depth: 96.62 ft, Date: 6/12/2019



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

CPT: A3CPT3



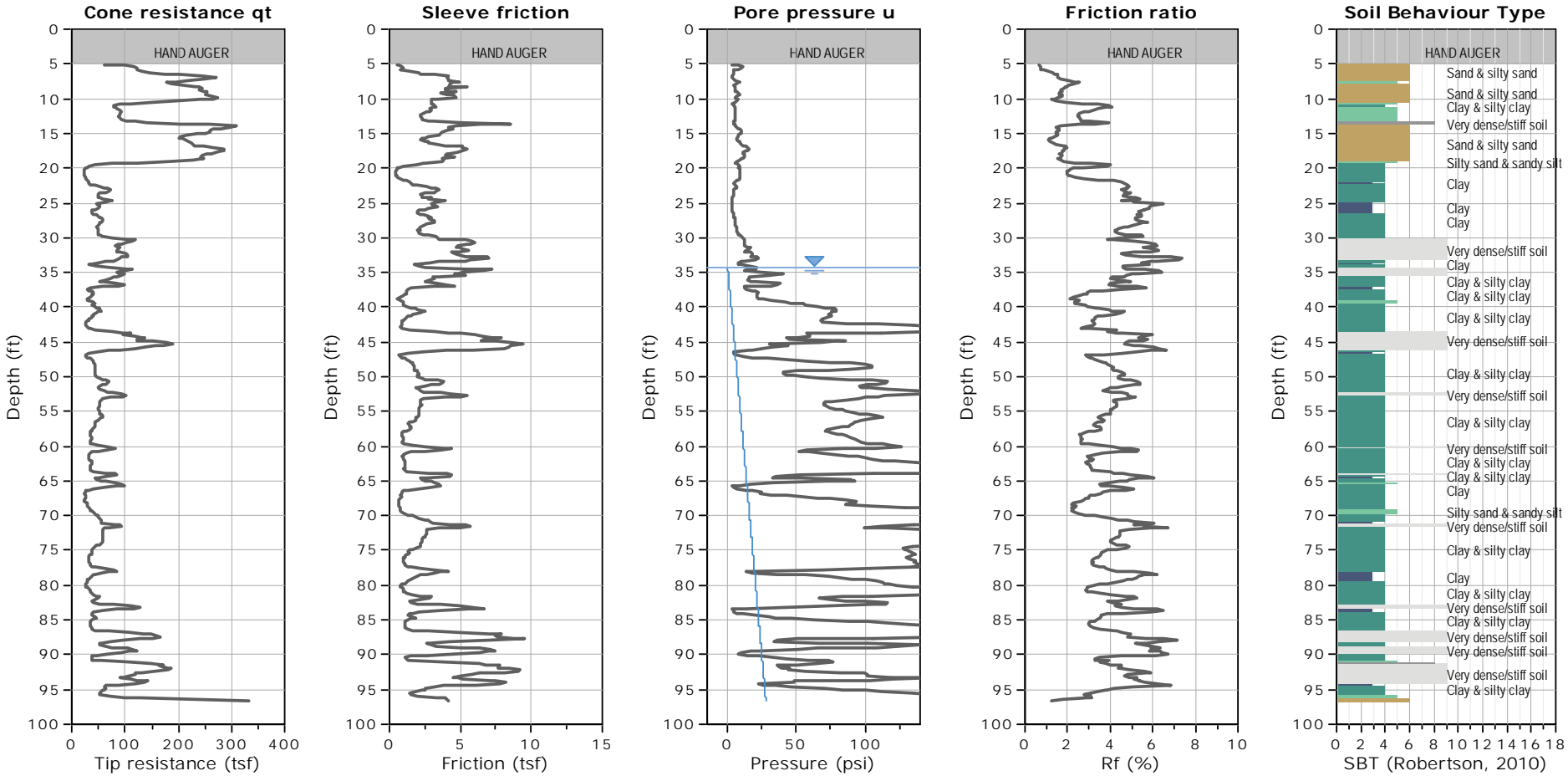
GREGG DRILLING, INC.
www.greggdrilling.com

CLIENT: A3GEO

SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELEY, CA

Field Rep: LAURA BUCHANAN

Total depth: 96.62 ft, Date: 6/12/2019



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

WATER TABLE FOR ESTIMATING PURPOSES ONLY

CPT: A3CPT4

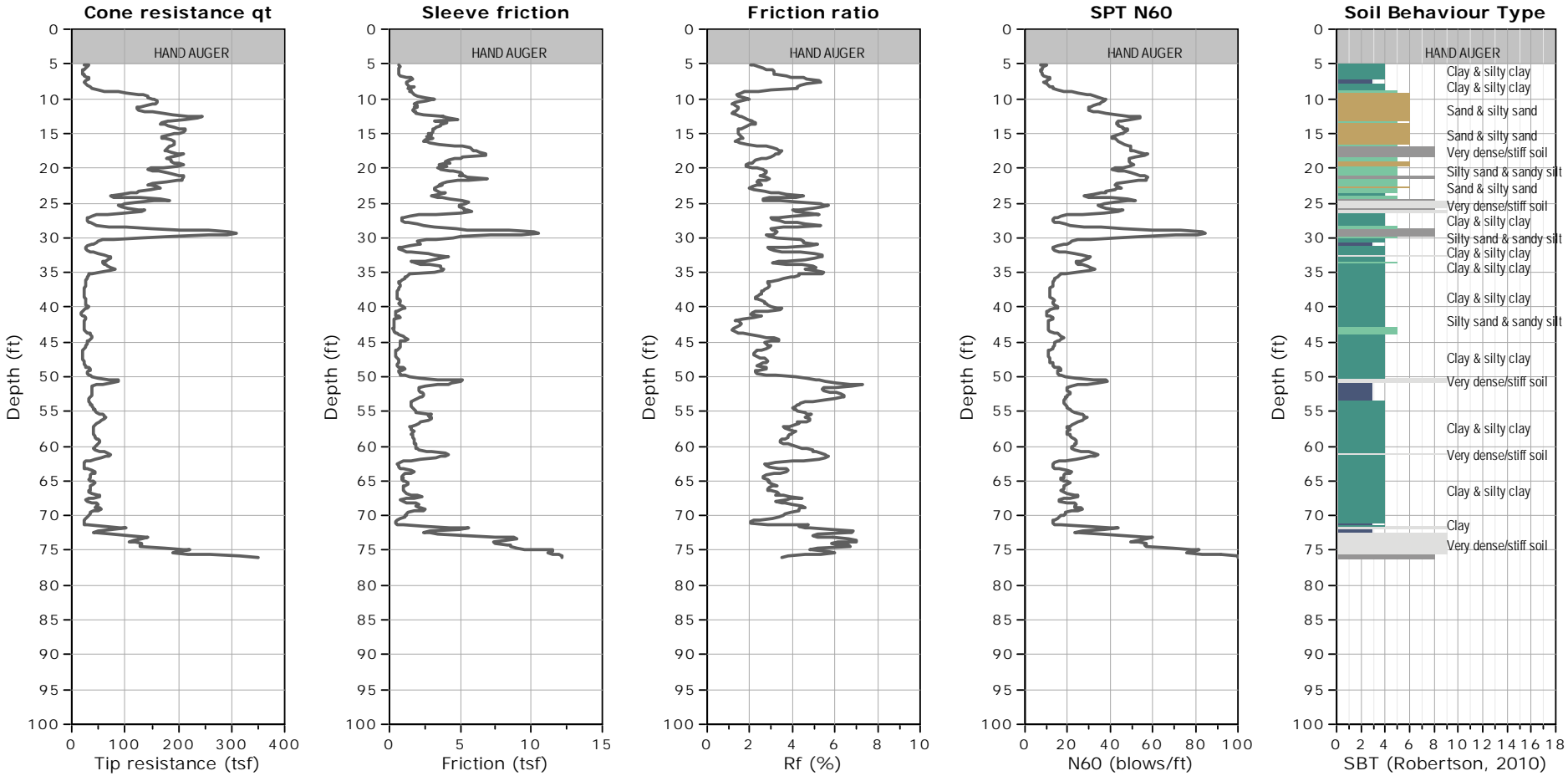


GREGG DRILLING, INC.
www.greggdrilling.com

CLIENT: A3GEO
SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELEY, CA

FIELD REP: LAURA BUCHANAN

Total depth: 75.95 ft, Date: 6/12/2019



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

CPT: A3CPT4



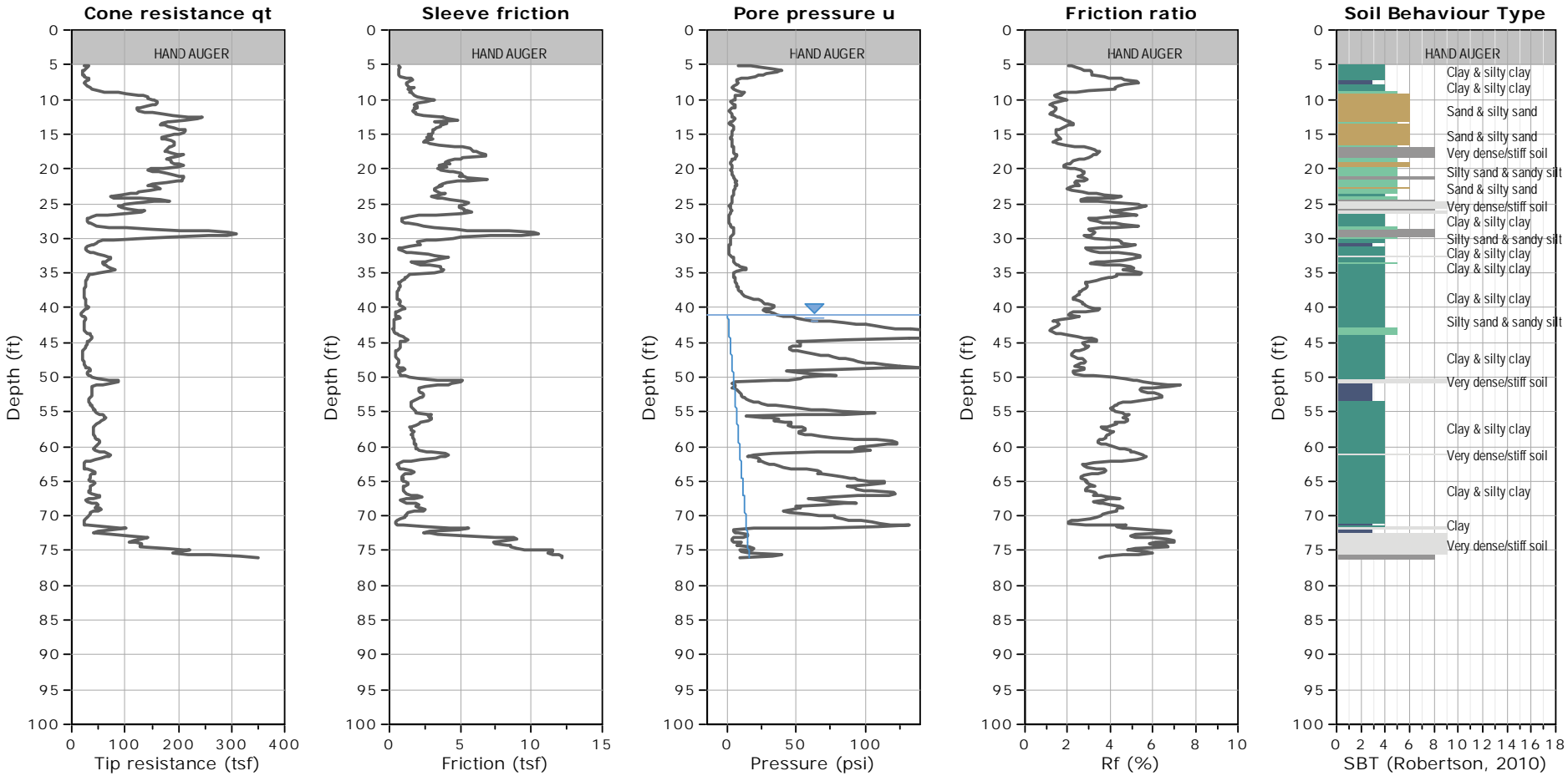
GREGG DRILLING, INC.
www.greggdrilling.com

CLIENT: A3GEO

SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELEY, CA

Field Rep: LAURA BUCHANAN

Total depth: 75.95 ft, Date: 6/12/2019



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

WATER TABLE FOR ESTIMATING PURPOSES ONLY

CPT: A3CPT5



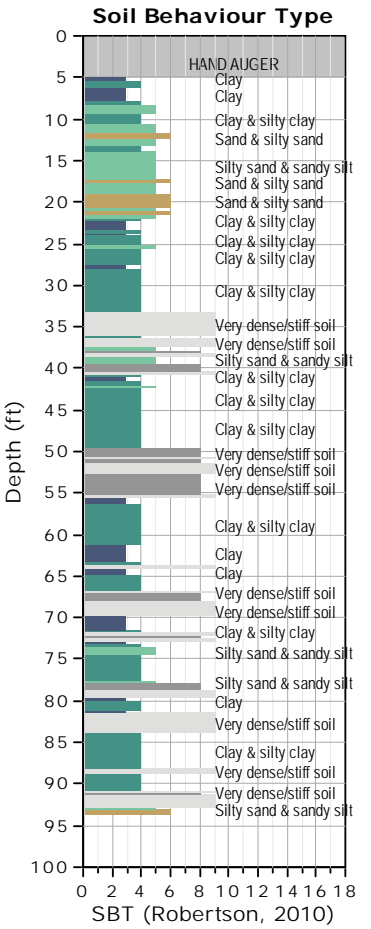
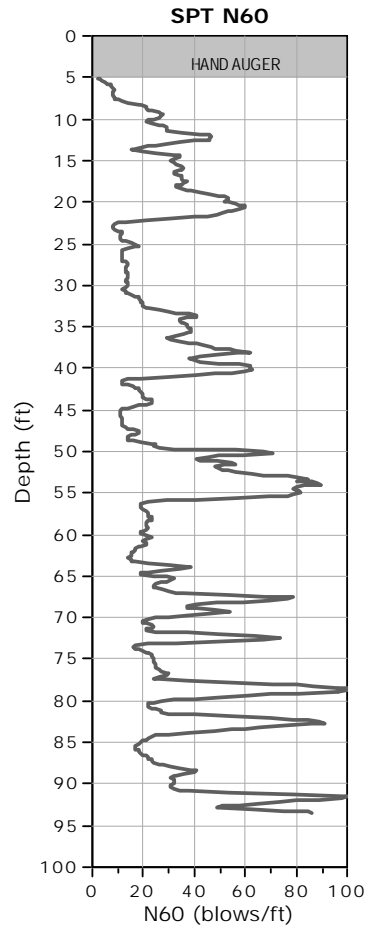
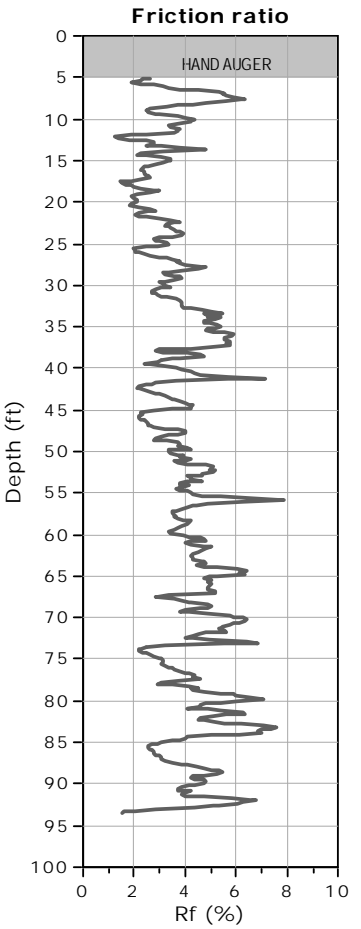
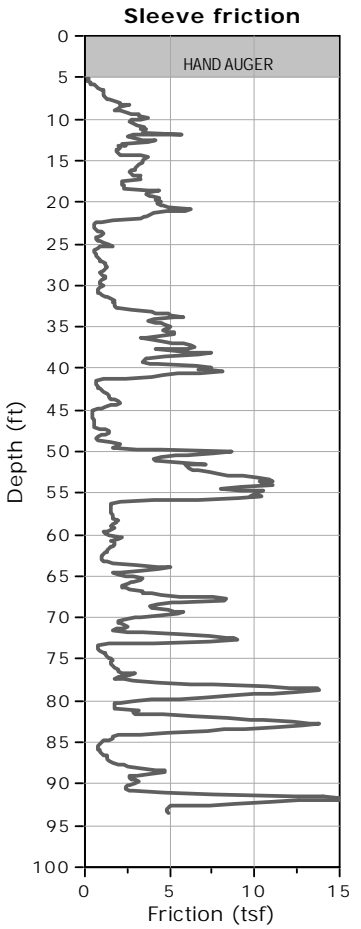
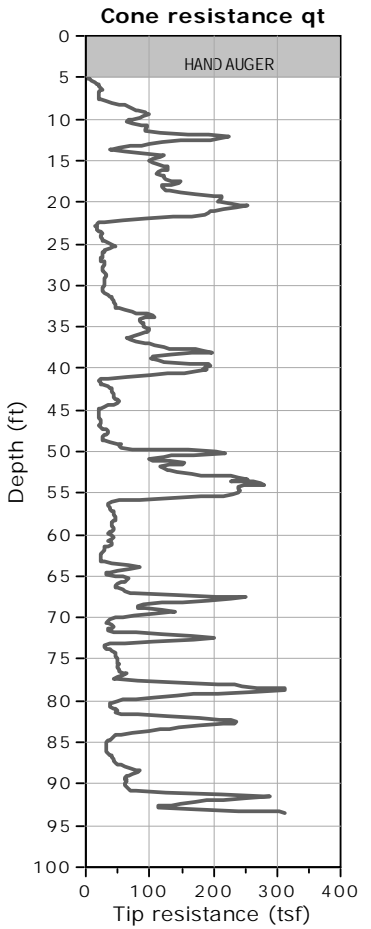
GREGG DRILLING, INC.
www.greggdrilling.com

CLIENT: A3GEO

SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELEY, CA

FIELD REP: LAURA BUCHANAN

Total depth: 93.50 ft, Date: 6/12/2019



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

CPT: A3CPT5



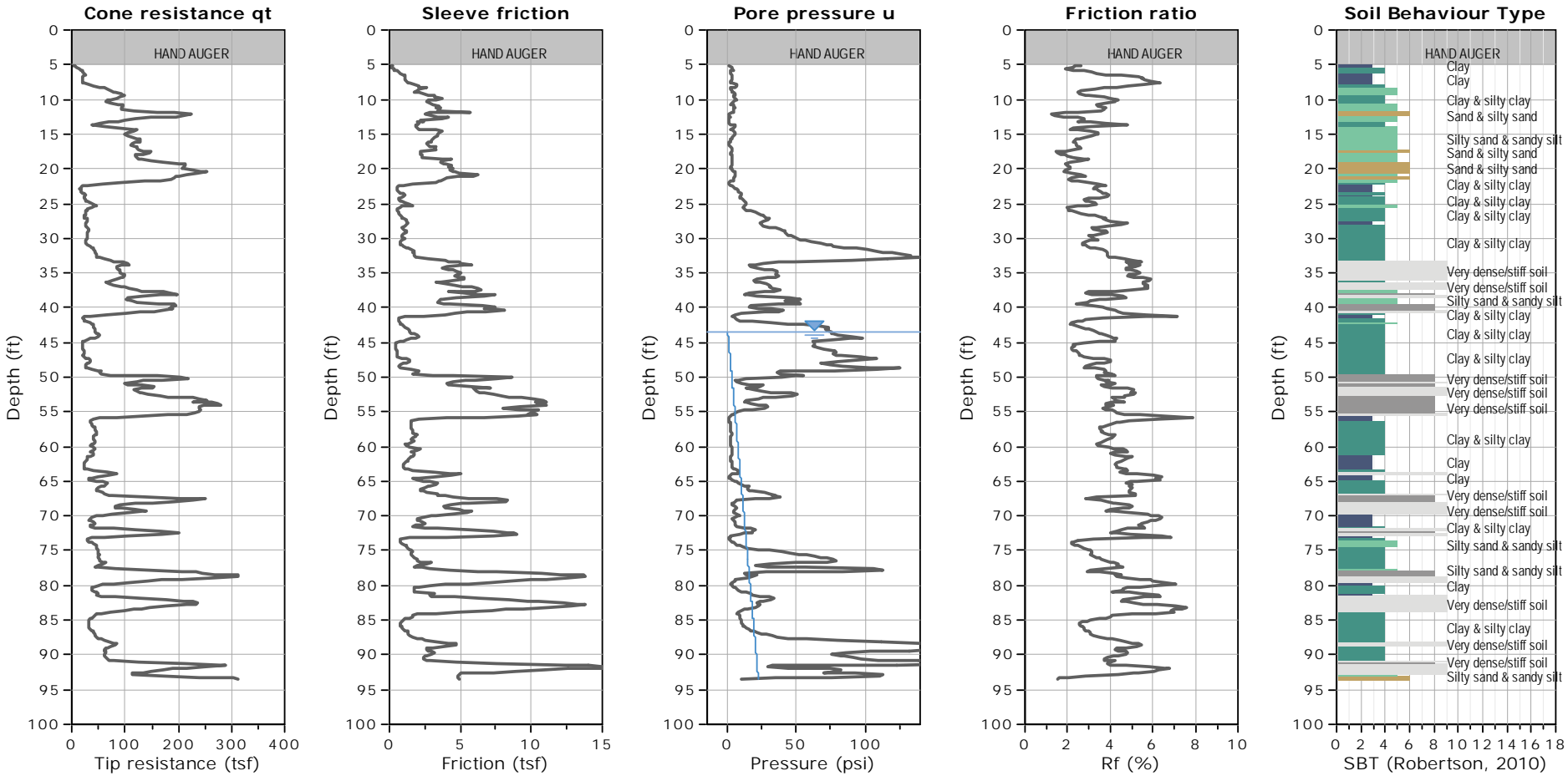
GREGG DRILLING, INC.
www.greggdrilling.com

CLIENT: A3GEO

SITE: BERKELEY PLAZA - 2211 HAROLD WAY, BERKELEY, CA

Field Rep: LAURA BUCHANAN

Total depth: 93.50 ft, Date: 6/12/2019



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

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.

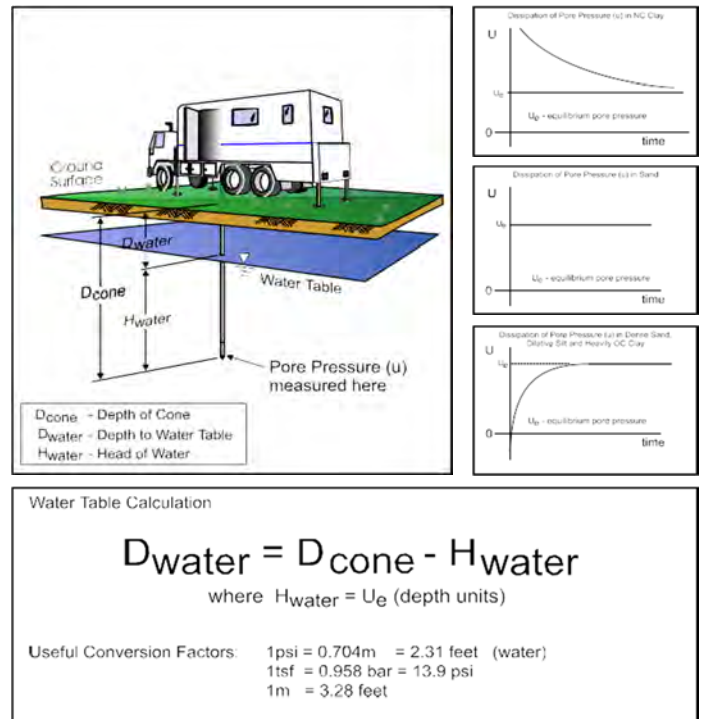


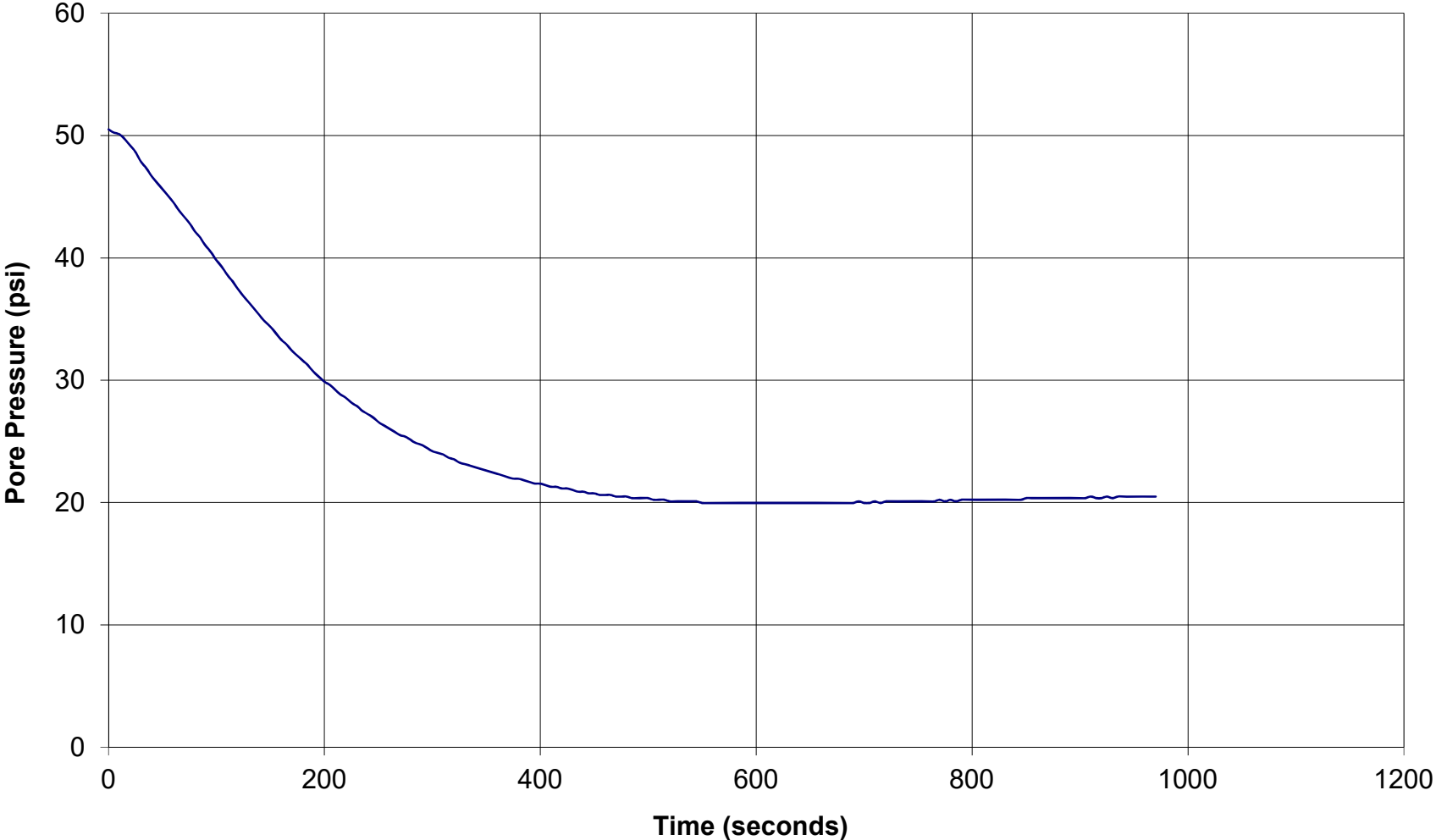
Figure PPDT



GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: A3CPT2
Depth: 93.831738
Site: BERKELEY PLZA
Engineer: LAURA

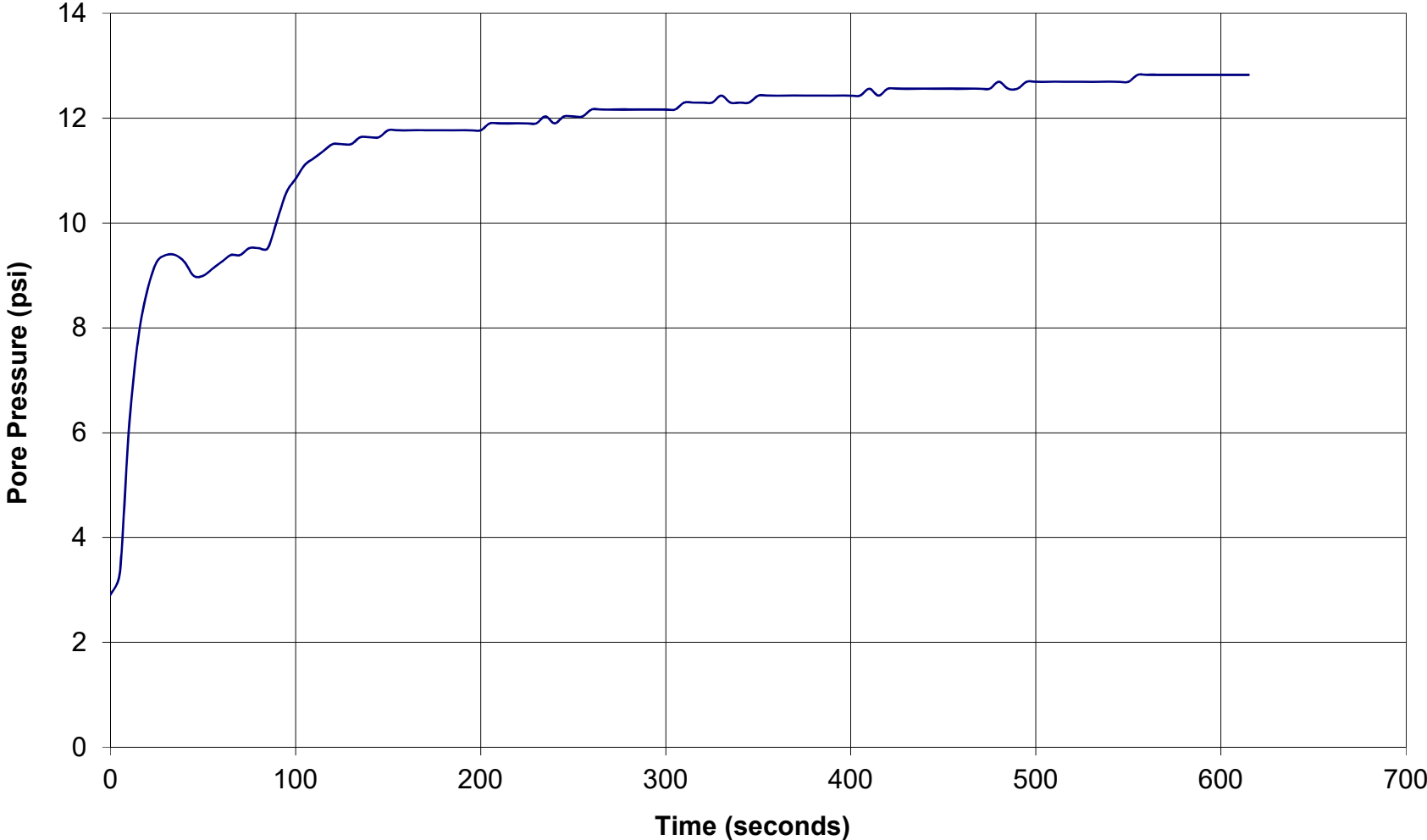




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: A3CPT3
Depth: 64.1402265
Site: BERKELEY PLZA
Engineer: LAURA

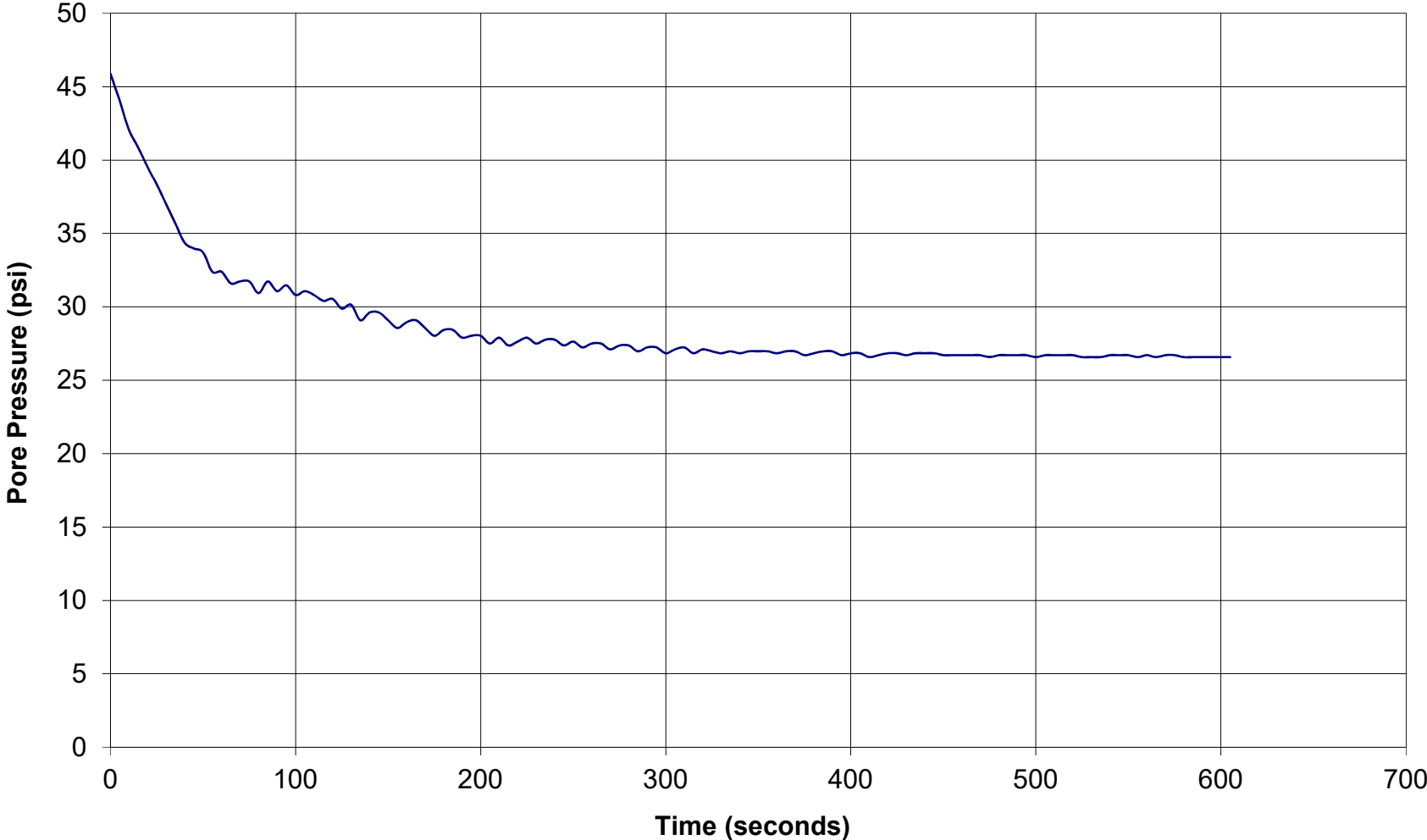




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: A3CPT3
Depth: 96.6204435
Site: BERKELEY PLZA
Engineer: LAURA

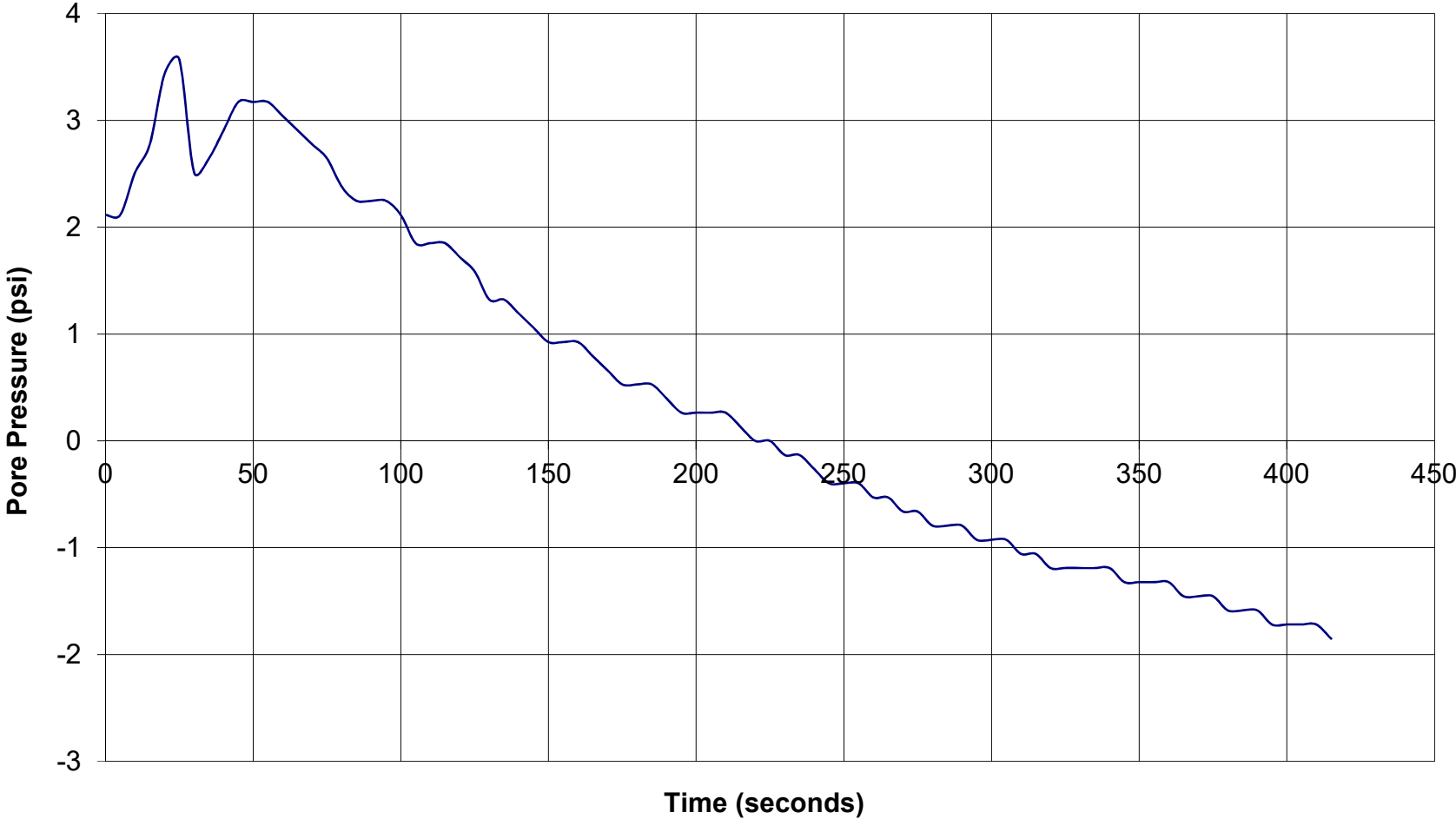




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: A3CPT4
Depth: 23.293893
Site: BERKELEY PLZA
Engineer: LAURA

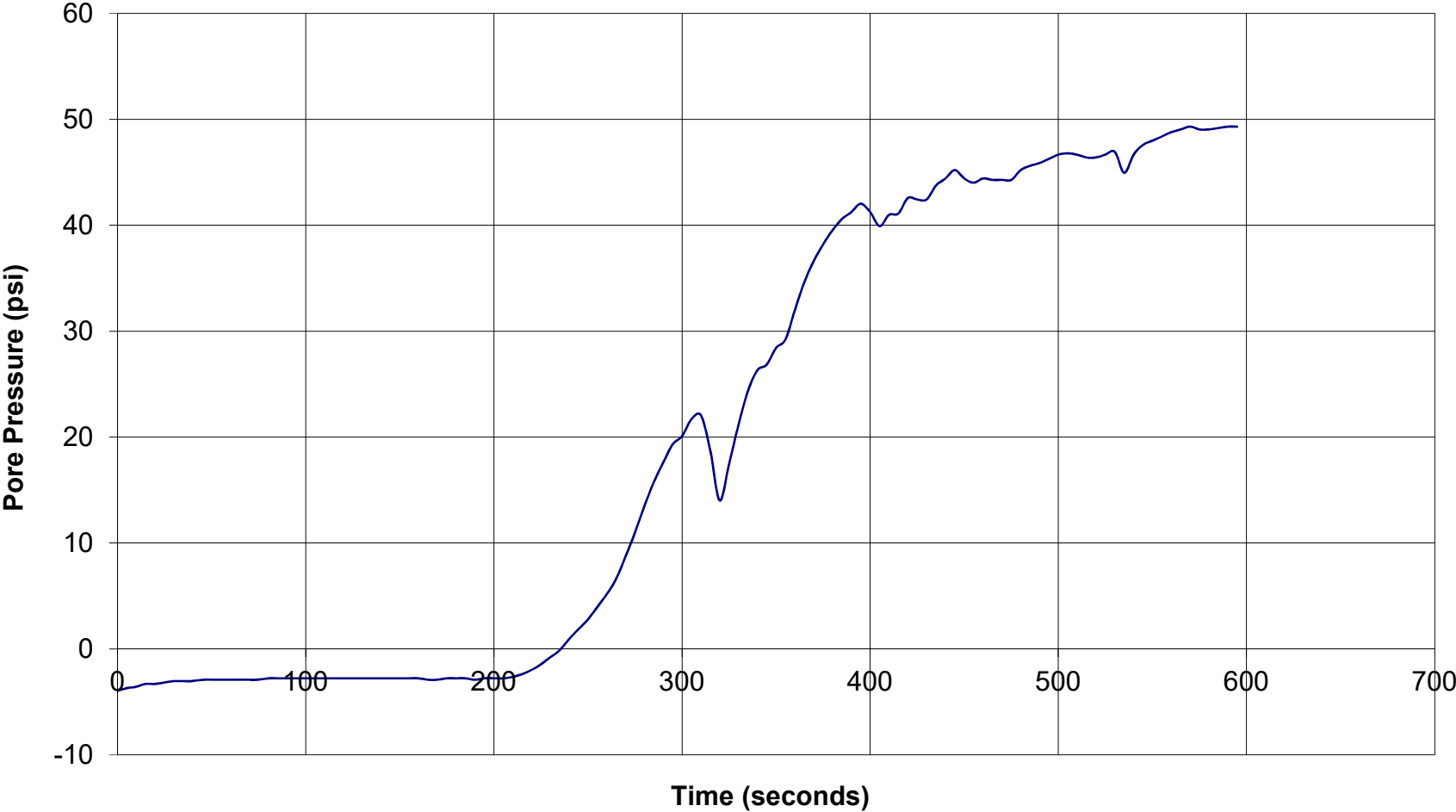




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: A3CPT4
Depth: 50.852865
Site: BERKELEY PLZA
Engineer: LAURA

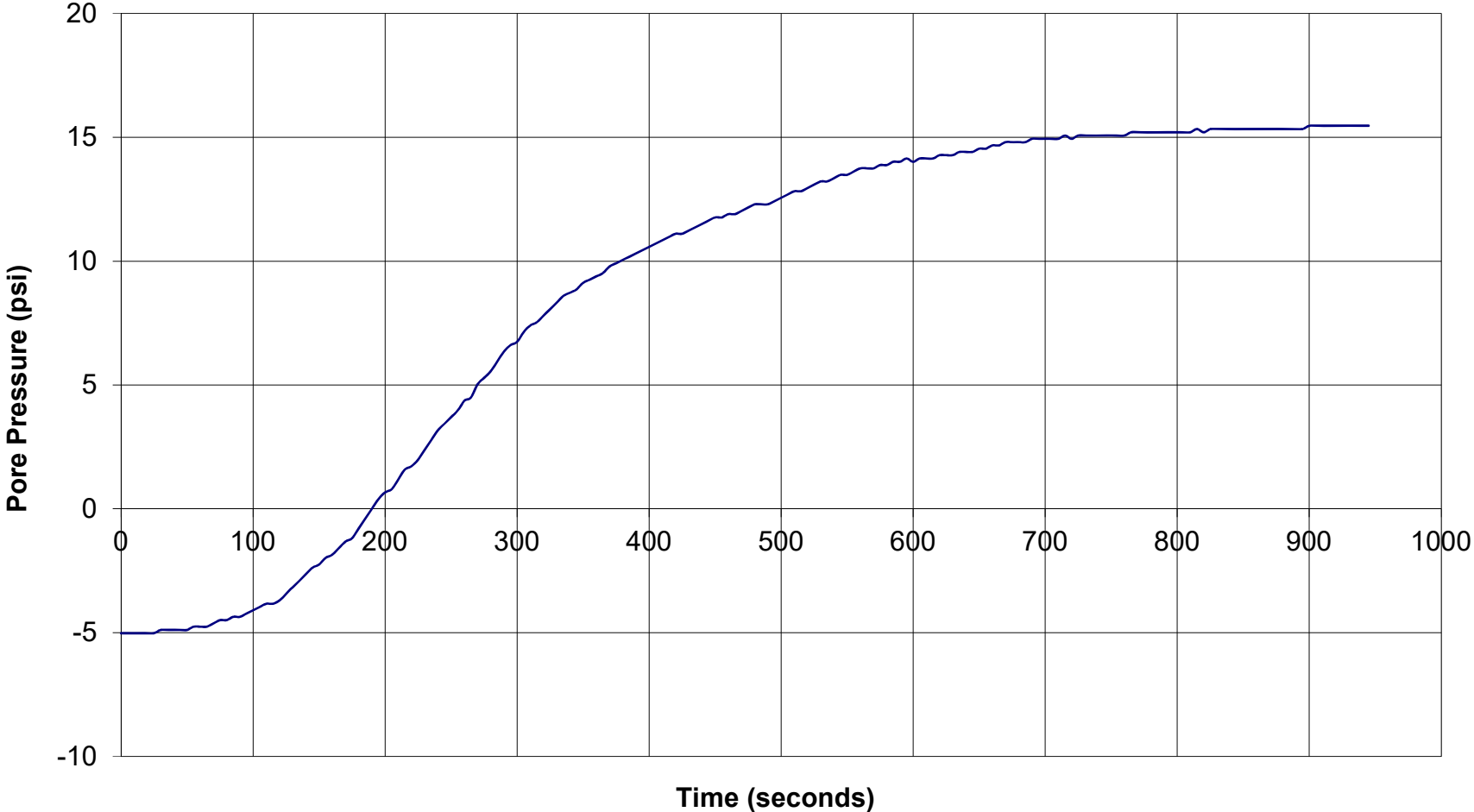




GREGG DRILLING & TESTING

Pore Pressure Dissipation Test

Sounding: A3CPT4
Depth: 75.9512145
Site: BERKELEY PLZA
Engineer: LAURA

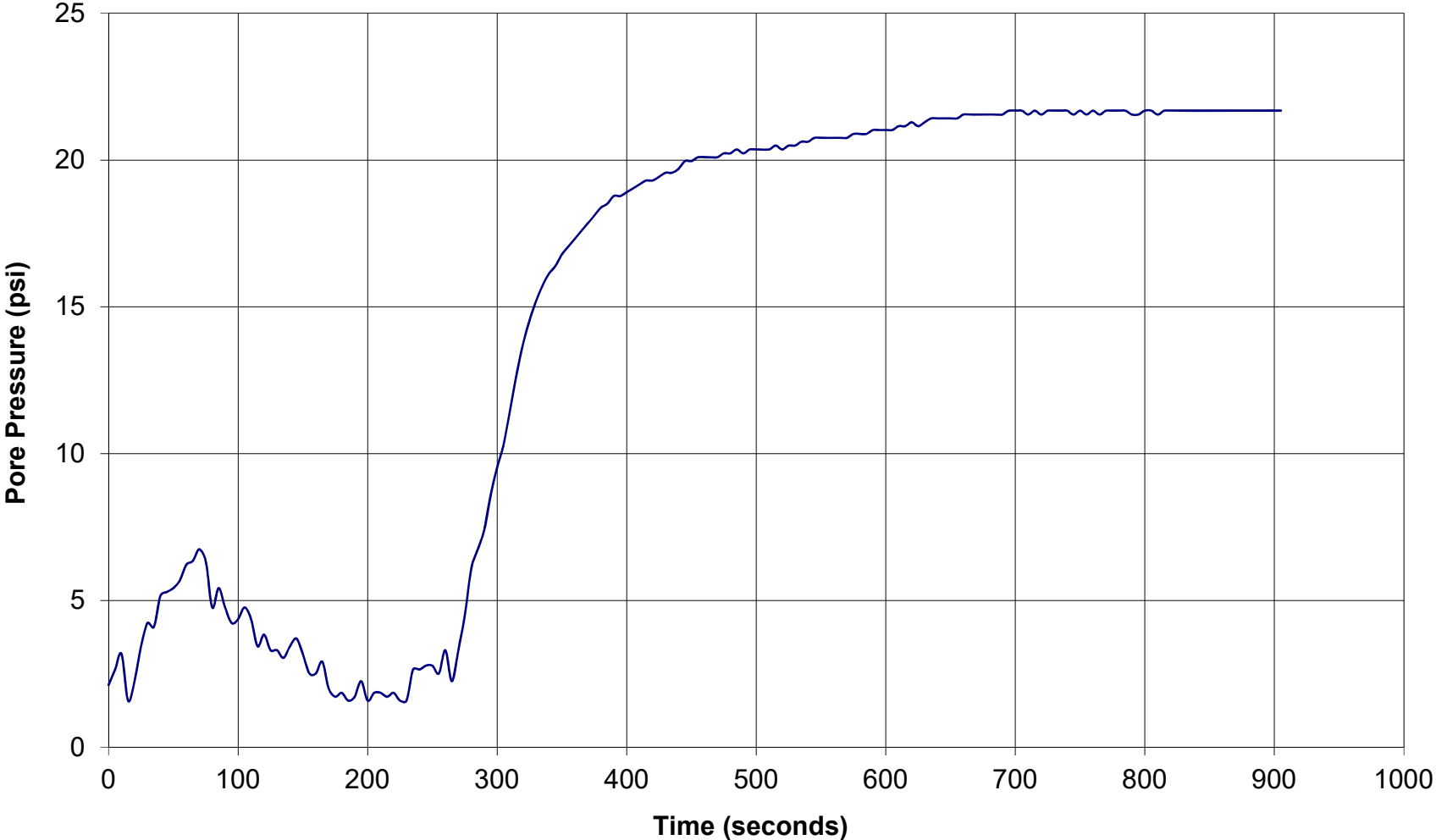




GREGG DRILLING & TESTING

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) | <input checked="" type="checkbox"/> |
| 2 | Pore Pressure Dissipation Tests | (PPD) | <input checked="" type="checkbox"/> |
| 3 | Seismic Cone Penetration Tests | (SCPTU) | <input type="checkbox"/> |
| 4 | UVOST Laser Induced Fluorescence | (UVOST) | <input type="checkbox"/> |
| 5 | Groundwater Sampling | (GWS) | <input type="checkbox"/> |
| 6 | Soil Sampling | (SS) | <input type="checkbox"/> |
| 7 | Vapor Sampling | (VS) | <input type="checkbox"/> |
| 8 | Pressuremeter Testing | (PMT) | <input type="checkbox"/> |
| 9 | Vane Shear Testing | (VST) | <input type="checkbox"/> |
| 10 | Dilatometer Testing | (DMT) | <input type="checkbox"/> |

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 |



GREGG DRILLING, LLC.
GEOTECHNICAL AND ENVIRONMENTAL INVESTIGATION SERVICES

Bibliography

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- Campanella, R.G. and I. Weemeees, "Development and Use of An Electrical Resistivity Cone for Groundwater Contamination Studies", Canadian Geotechnical Journal, Vol. 27 No. 5, 1990 pp. 557-567.
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- 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.

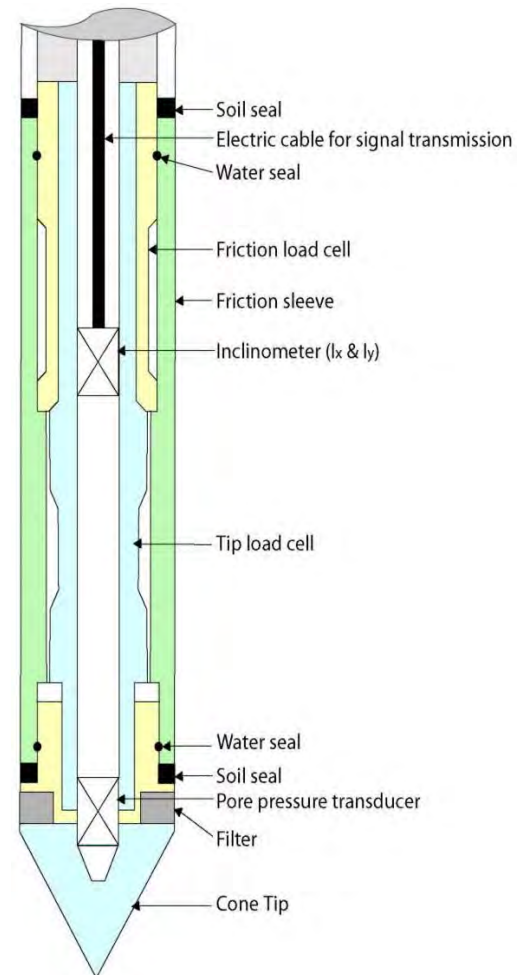


Figure CPT

Gregg 15cm² 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 SBT_n, upon request. The report can also include spreadsheet output of computer calculations of basic interpretation in terms of SBT and SBT_n 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.

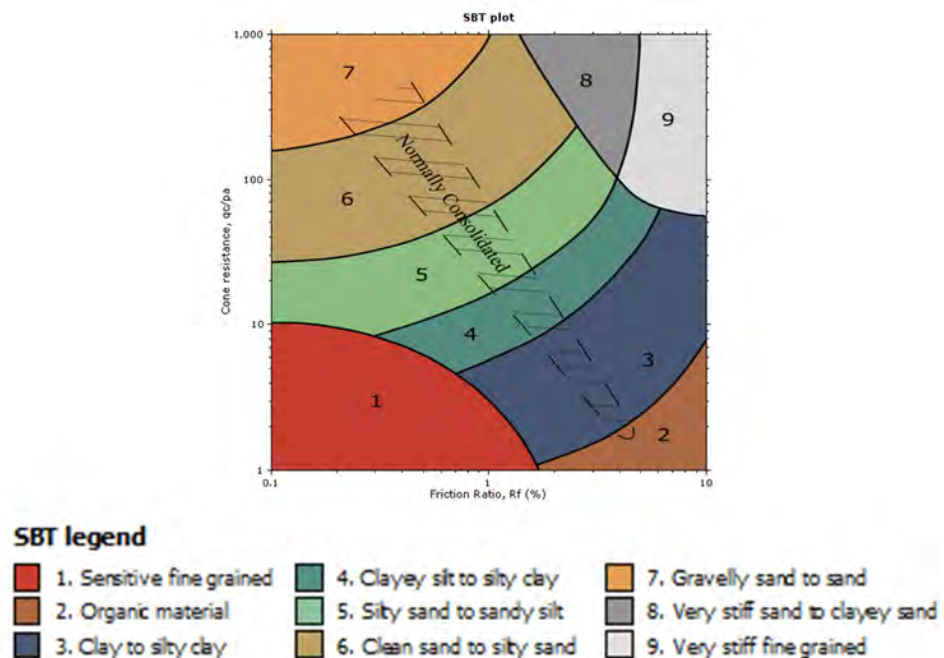


Figure SBT (After Robertson, 2010) – Note: Colors may vary slightly compared to plots

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) ::

$$g = g_w \cdot \left(0.27 \cdot \log(R_r) + 0.36 \cdot \log\left(\frac{q_t}{P_a}\right) + 1.236 \right)$$

where g_w = water unit weight

:: Permeability, k (m/s) ::

$$I_c < 3.27 \text{ and } I_c > 1.00 \text{ then } k = 10^{0.952 - 3.04 I_c}$$

$$I_c \leq 4.00 \text{ and } I_c > 3.27 \text{ then } k = 10^{-4.52 - 1.37 I_c}$$

:: N_{SPT} (blows per 30 cm) ::

$$N_{60} = \left(\frac{q_c}{P_s} \right) \cdot \frac{1}{10^{1.1268 - 0.2817 I_c}}$$

$$N_{1(60)} = Q_{tn} \cdot \frac{1}{10^{1.1268 - 0.2817 I_c}}$$

:: Young's Modulus, E_s (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, D_r (%) ::

$$100 \cdot \sqrt{\frac{Q_{tn}}{k_{OR}}} \quad \text{(applicable only to SBT}_n\text{: 5, 6, 7 and 8 or } I_c < I_{c, cutoff}\text{)}$$

:: State Parameter, ψ ::

$$\psi = 0.56 - 0.33 \cdot \log(Q_{b1,CS})$$

:: Drained Friction Angle, ϕ (°) ::

$$\phi = \phi_{CV} + 15.94 \cdot \log(Q_{tn,CS}) - 26.88$$

(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 $I_c \geq 2.20$

$$M_{CPT} = 0.03 \cdot (q_t - \sigma_v) \cdot 10^{0.58 I_c + 1.88}$$

:: Small strain shear Modulus, G_0 (MPa) ::

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

:: Shear Wave Velocity, V_s (m/s) ::

$$V_s = \left(\frac{G_0}{\rho} \right)^{0.50}$$

:: Undrained peak shear strength, S_u (kPa) ::

$$N_{kt} = 10.50 + 7 \cdot \log(F_r) \text{ or user defined}$$

$$S_u = \frac{(q_t - \sigma_v)}{N_{kt}}$$

(applicable only to SBT_n: 1, 2, 3, 4 and 9 or $I_c > I_{c, cutoff}$)

:: Remolded undrained shear strength, $S_u(rem)$ (kPa) ::

$$S_{u(rem)} = f_s \quad \text{(applicable only to SBT}_n\text{: 1, 2, 3, 4 and 9 or } I_c > I_{c, cutoff}\text{)}$$

:: Overconsolidation Ratio, OCR ::

$$k_{OCR} = \left[\frac{Q_{tn}^{0.20}}{0.25 \cdot (10.50 + 7 \cdot \log(F_r))} \right]^{-1.25} \text{ or user defined}$$

$$OCR = k_{OCR} \cdot Q_{tn}$$

(applicable only to SBT_n: 1, 2, 3, 4 and 9 or $I_c > I_{c, cutoff}$)

:: In situ Stress Ratio, K_0 ::

$$K_0 = (1 - \sin \phi') \cdot OCR^{0.95}$$

(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' (°) ::

$$\phi' = 29.5^\circ \cdot B_c^{0.121} \cdot (0.256 + 0.336 \cdot B_c + \log Q_t)$$

(applicable for $0.10 < B_c < 1.00$)

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APPENDIX C

Geotechnical Laboratory Test Data (A3GEO, 2019)

BERKELEY PLAZA
BERKELEY, CALIFORNIA

B. HILLEBRANDT SOILS TESTING, INC.

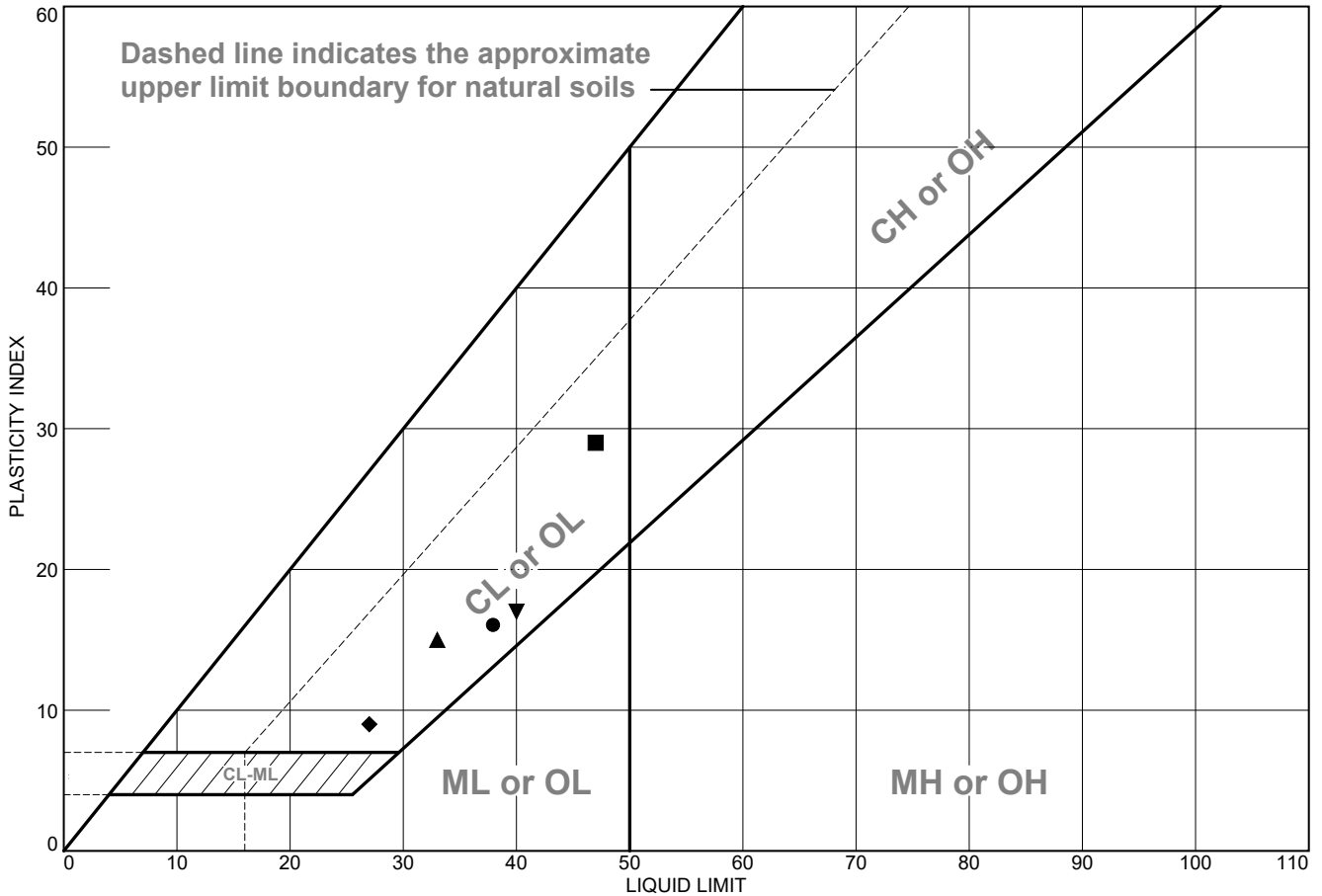
29 Sugarloaf Terrace, Alamo, CA 94507 - Tel: (510) 409-2916 - Fax: (925) 891-9267 - Email: soiltesting@aol.com

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 | | | |
| <u>WATER CONTENT (%)</u> | 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 | | | |
| <u>DRY DENSITY (pcf)</u> | 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 |

| | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| <p>Project No. 1114-10A Client: A3Geo</p> <p>Project: Berkeley Plaza</p> <p>● Source of Sample: B-1 Depth: 31.0 - 31.5'</p> <p>■ Source of Sample: B-1 Depth: 50.5 - 51.0'</p> <p>▲ Source of Sample: B-1 Depth: 85.5 - 86.0'</p> <p>◆ Source of Sample: B-2 Depth: 26.0 - 26.5'</p> <p>▼ Source of Sample: B-2 Depth: 35.5 - 36.0'</p> <p style="text-align: center;">B. HILLEBRANDT SOILS TESTING, INC. +1 510-409-2816 SoilTesting@aol.com</p> | <p>Remarks:</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|

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

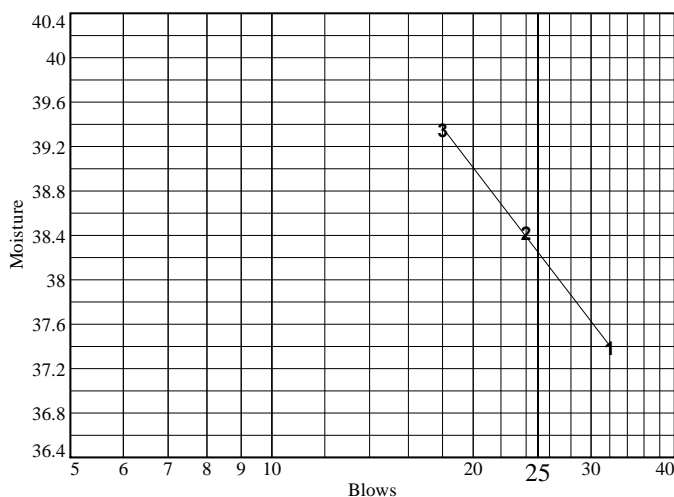
USCS: CL

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

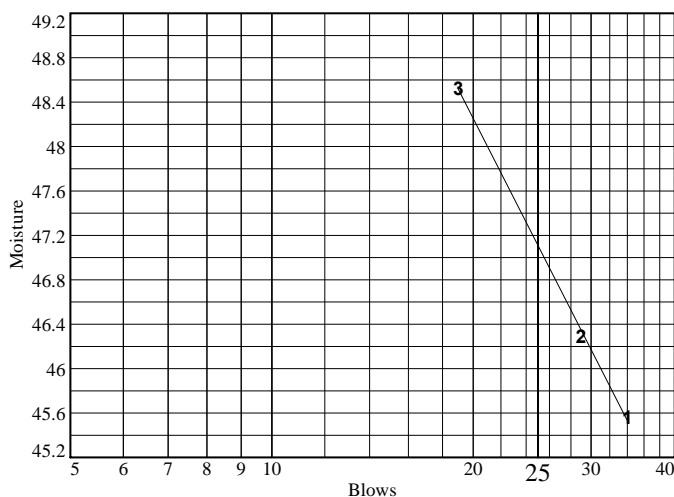
USCS: CL

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

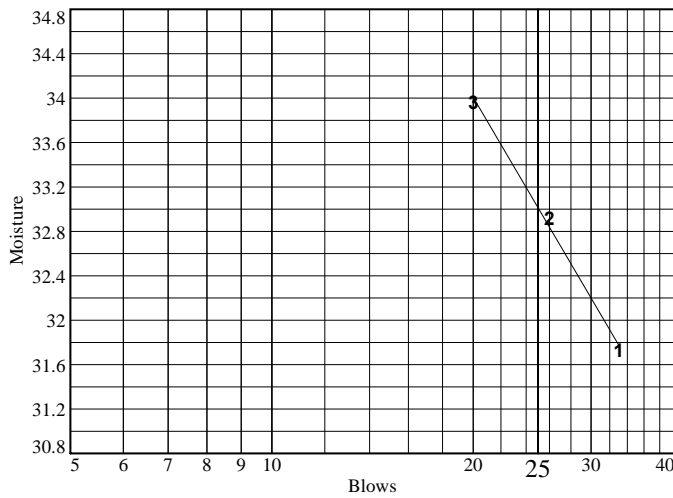
Client: A3Geo
Project: Berkeley Plaza
Project Number: 1114-10A
Location: B-1
Depth: 85.5 - 86.0'
Material Description: Brownish yellow sandy lean CLAY
%<#40: 77.8 **%<#200:** 56.2
Tested by: BH

USCS: CL

AASHTO: A-6(6)

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

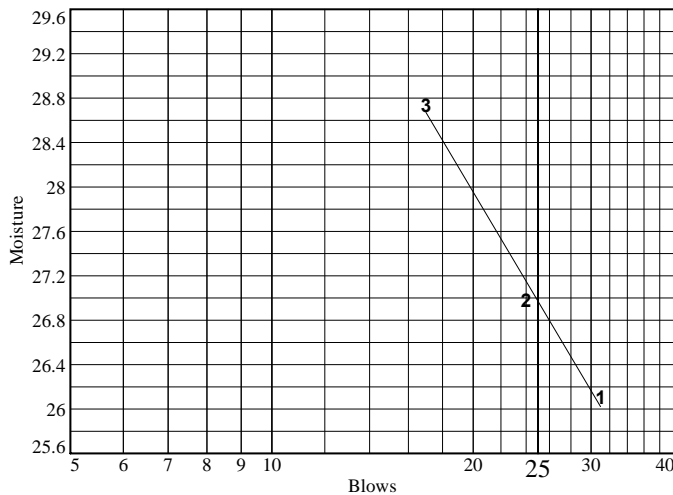
USCS: CL

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

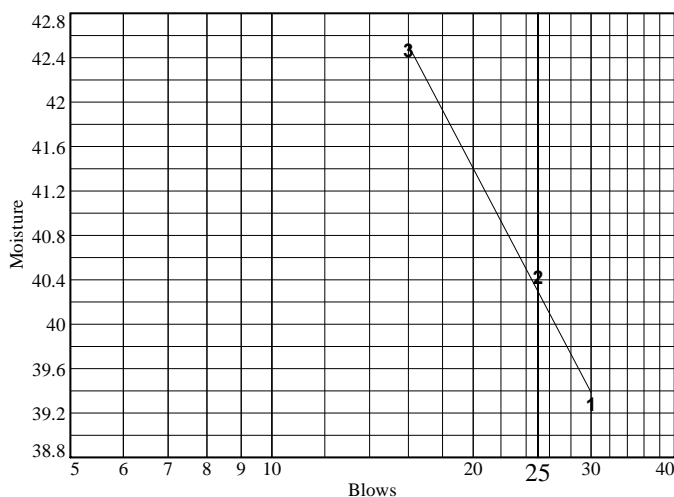
USCS: CL

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 | | | |

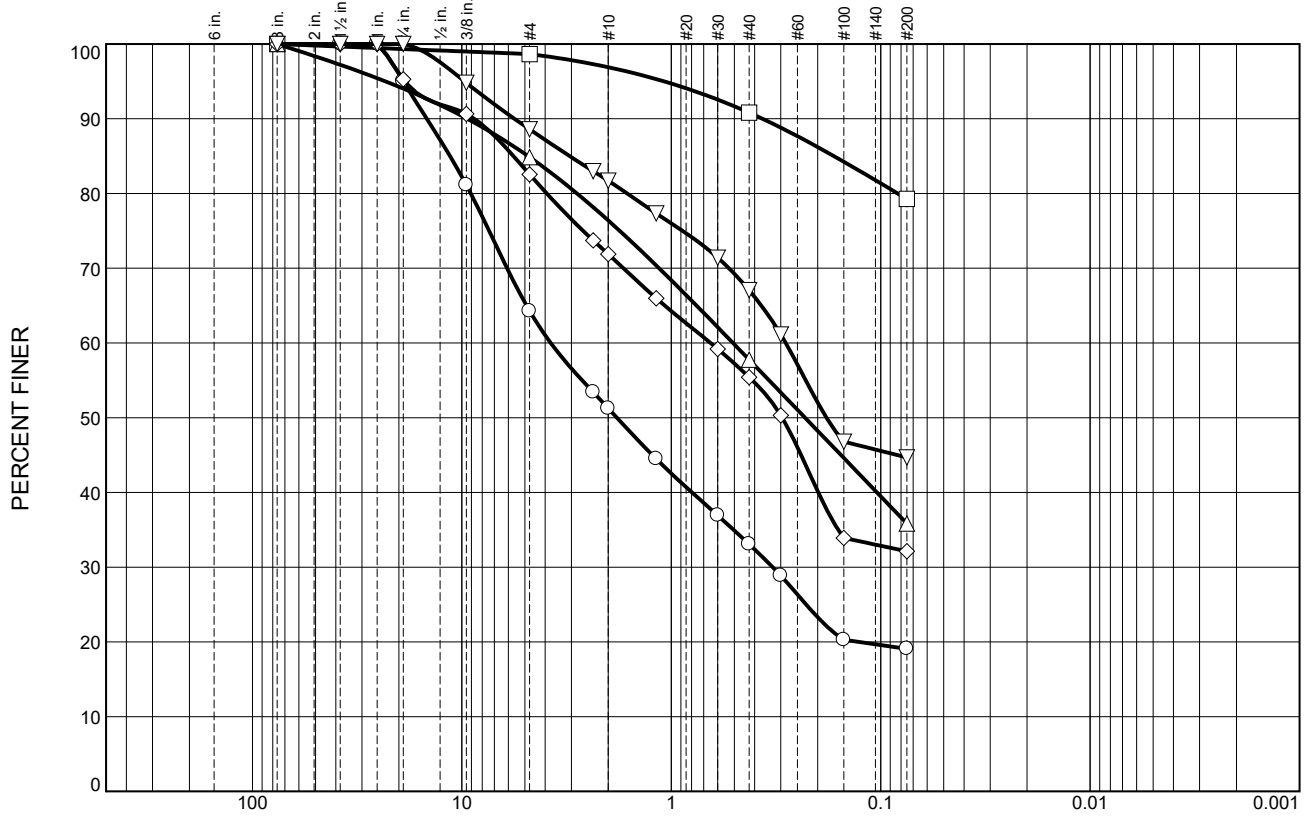


Liquid Limit= 40
Plastic Limit= 23
Plasticity Index= 17
Natural Moisture= 26.5
Liquidity Index= 0.2

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 |

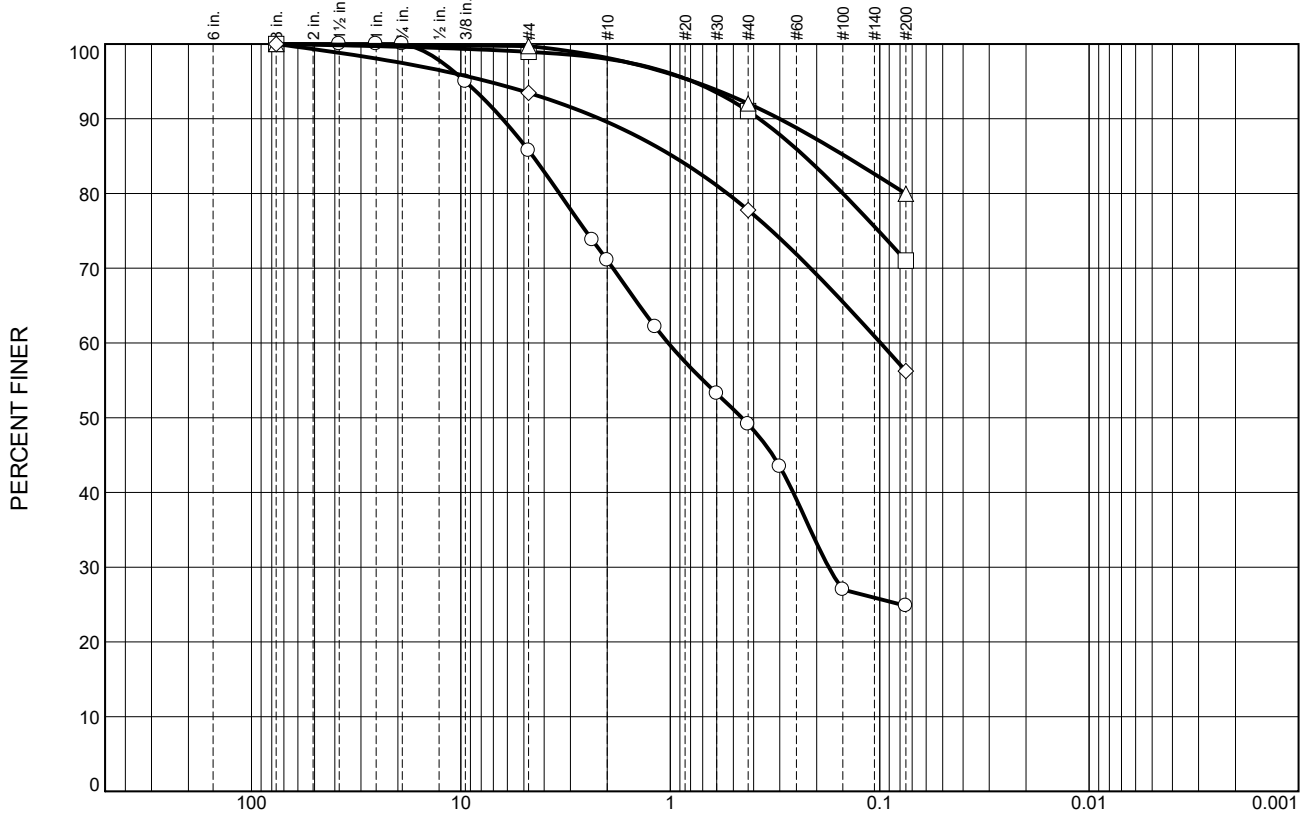
B. HILLEBRANDT SOILS TESTING, INC.
+1 510-409-2816
SoilTesting@aol.com

Client: A3Geo
Project: Berkeley Plaza
Project No.: 1114-10A

Figure

Tested By: BH

Particle Size Distribution Report



GRAIN SIZE - mm.

| | % +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 - 111.5' | Olive brown clayey SAND | SC |
| □ | 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 |

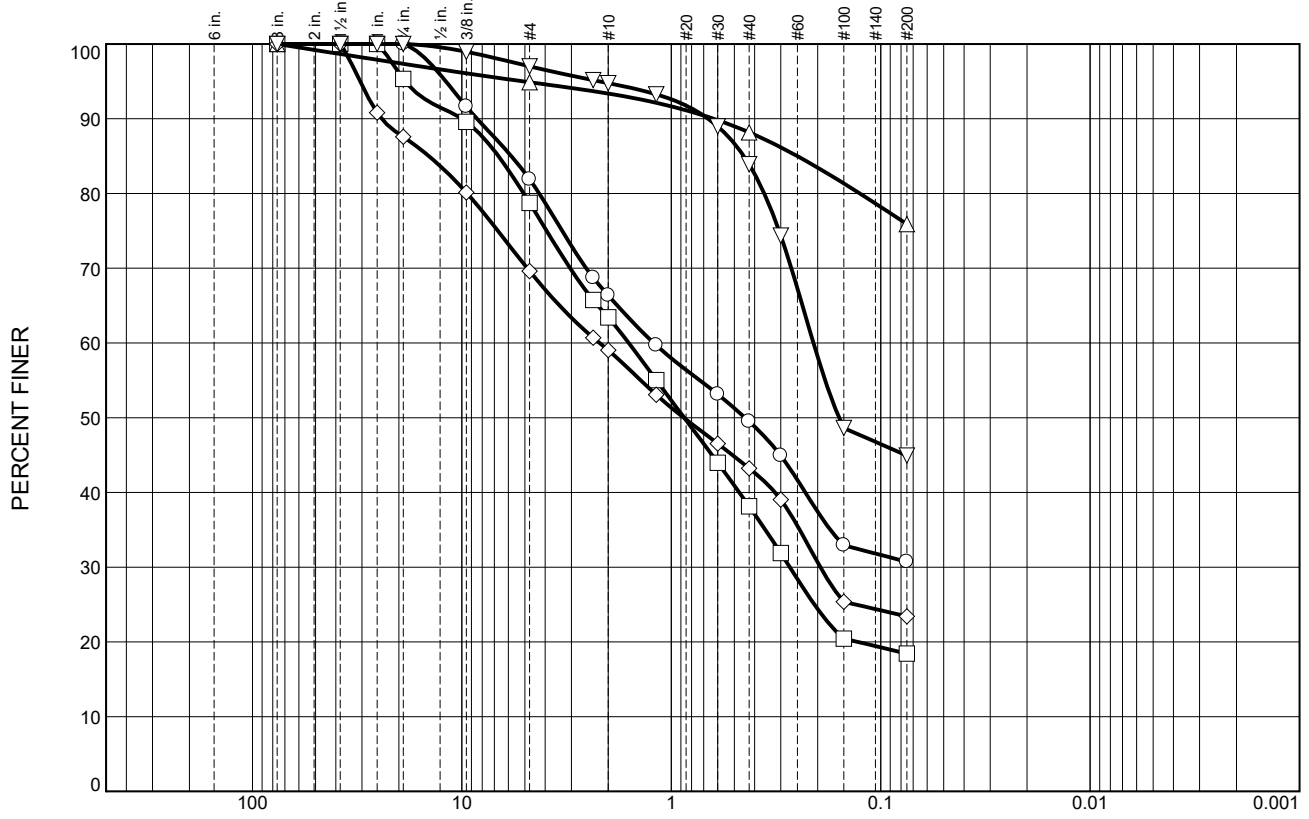
B. HILLEBRANDT SOILS TESTING, INC.
+1 510-409-2816
SoilTesting@aol.com

Client: A3Geo
Project: Berkeley Plaza
Project No.: 1114-10A

Figure

Tested By: BH

Particle Size Distribution Report



GRAIN SIZE - mm.

| | % +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 |

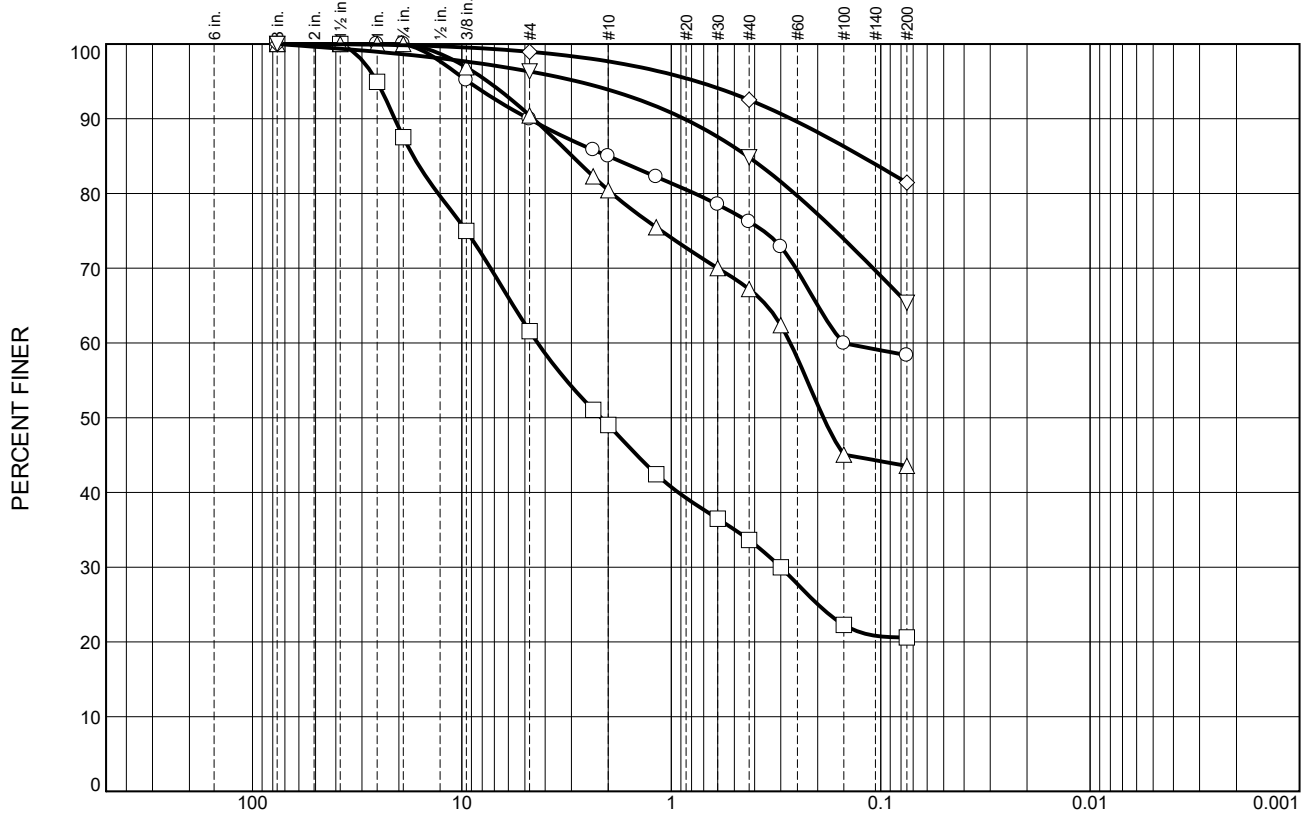
B. HILLEBRANDT SOILS TESTING, INC.
 +1 510-409-2816
 SoilTesting@aol.com

Client: A3Geo
 Project: Berkeley Plaza
 Project No.: 1114-10A

Figure

Tested By: BH _____

Particle Size Distribution Report



GRAIN SIZE - mm.

| | % +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 - 100.5' | Yellowish brown clayey SAND with gravel | SC |
| △ | B-2 | | 121.0 - 121.5' | 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

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 |

| D5 | D10 | D15 | D20 | D30 | D40 | D50 | D60 | D80 | D85 | D90 | D95 |
|----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--------|--------|
| | | | | | | | | 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 |

| D5 | D10 | D15 | D20 | D30 | D40 | D50 | D60 | D80 | D85 | D90 | D95 |
|----|-----|-----|-----|-----|--------|--------|--------|--------|--------|--------|---------|
| | | | | | 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 |

| D5 | D10 | D15 | D20 | D30 | D40 | D50 | D60 | D80 | D85 | D90 | D95 |
|----|-----|-----|-----|-----|-----|--------|--------|--------|--------|--------|--------|
| | | | | | | 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 |

| D5 | D10 | D15 | D20 | D30 | D40 | D50 | D60 | D80 | D85 | D90 | D95 |
|----|-----|-----|-----|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | 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 |

| D5 | D10 | D15 | D20 | D30 | D40 | D50 | D60 | D80 | D85 | D90 | D95 |
|----|-----|-----|-----|-----|-----|-----|-----|--------|--------|--------|--------|
| | | | | | | | | 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

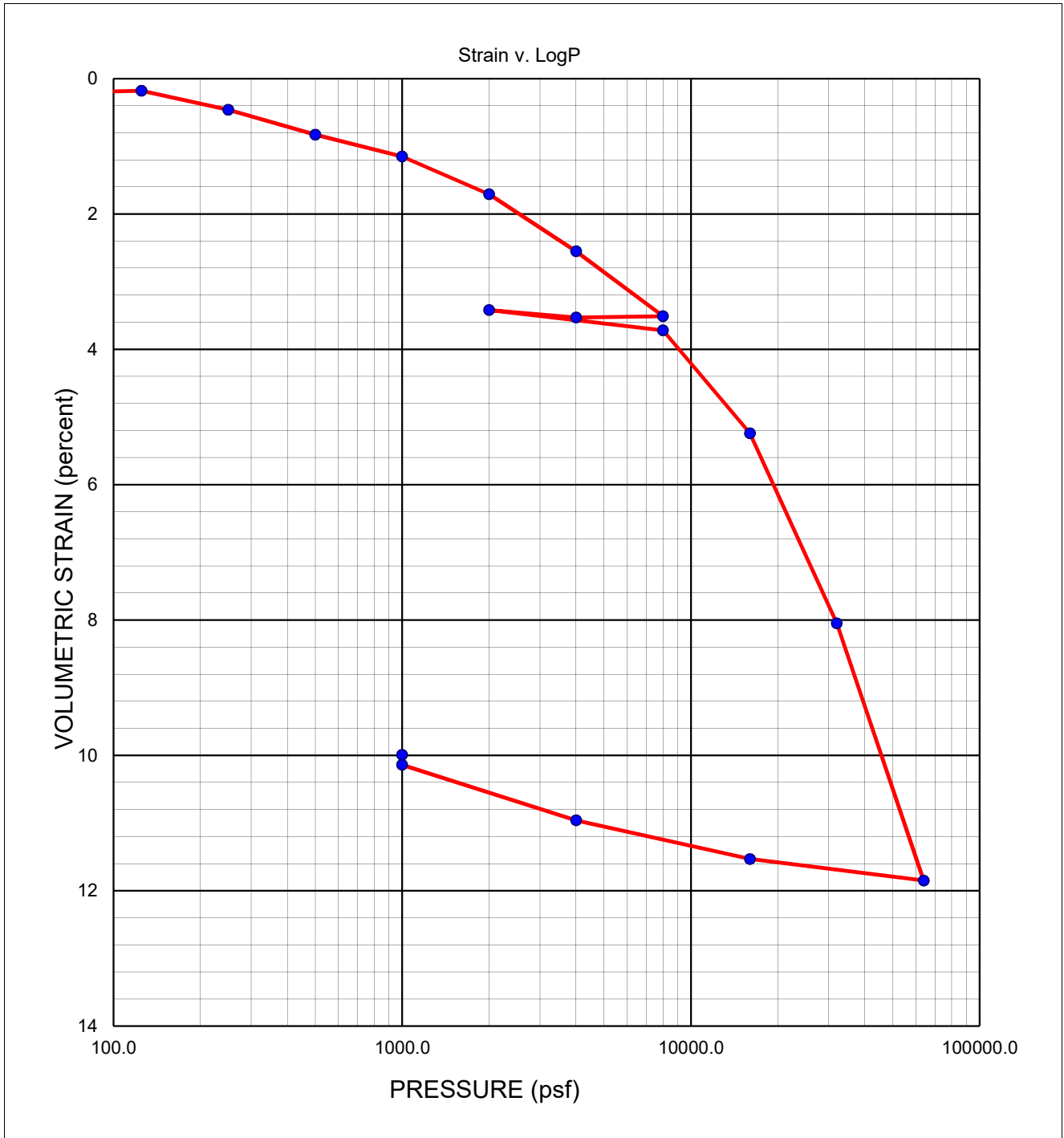
| Dry Sample and Tare (grams) | Tare (grams) | Cumulative Pan Tare Weight (grams) | Sieve Opening Size | Cumulative Weight Retained (grams) | Percent Finer |
|-----------------------------|--------------|------------------------------------|--------------------|------------------------------------|---------------|
| 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 |

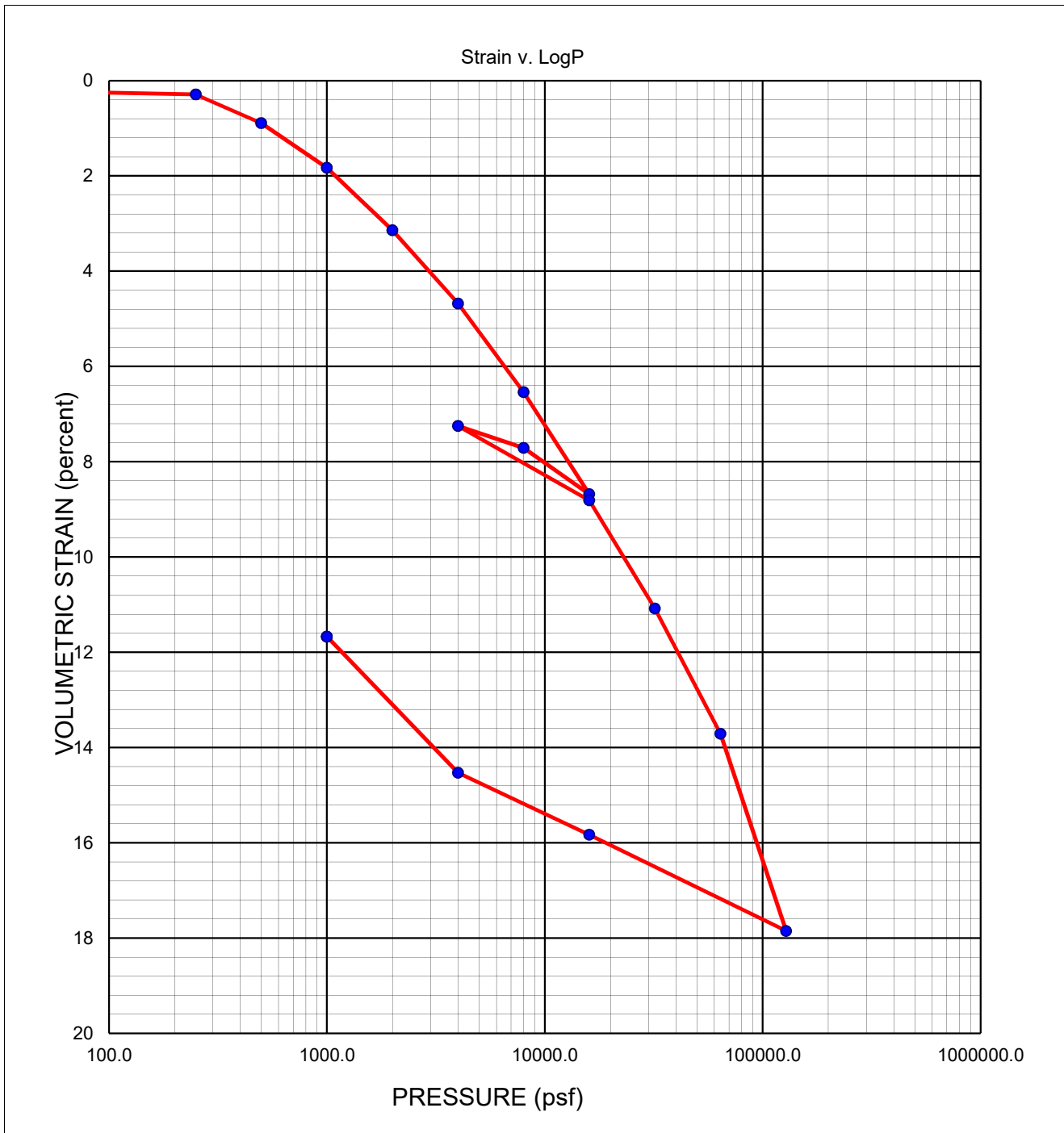
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|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| | | | | | | | | 0.2578 | 0.4332 | 0.8682 | 2.8179 |

| Fineness Modulus |
|------------------|
| 0.79 |



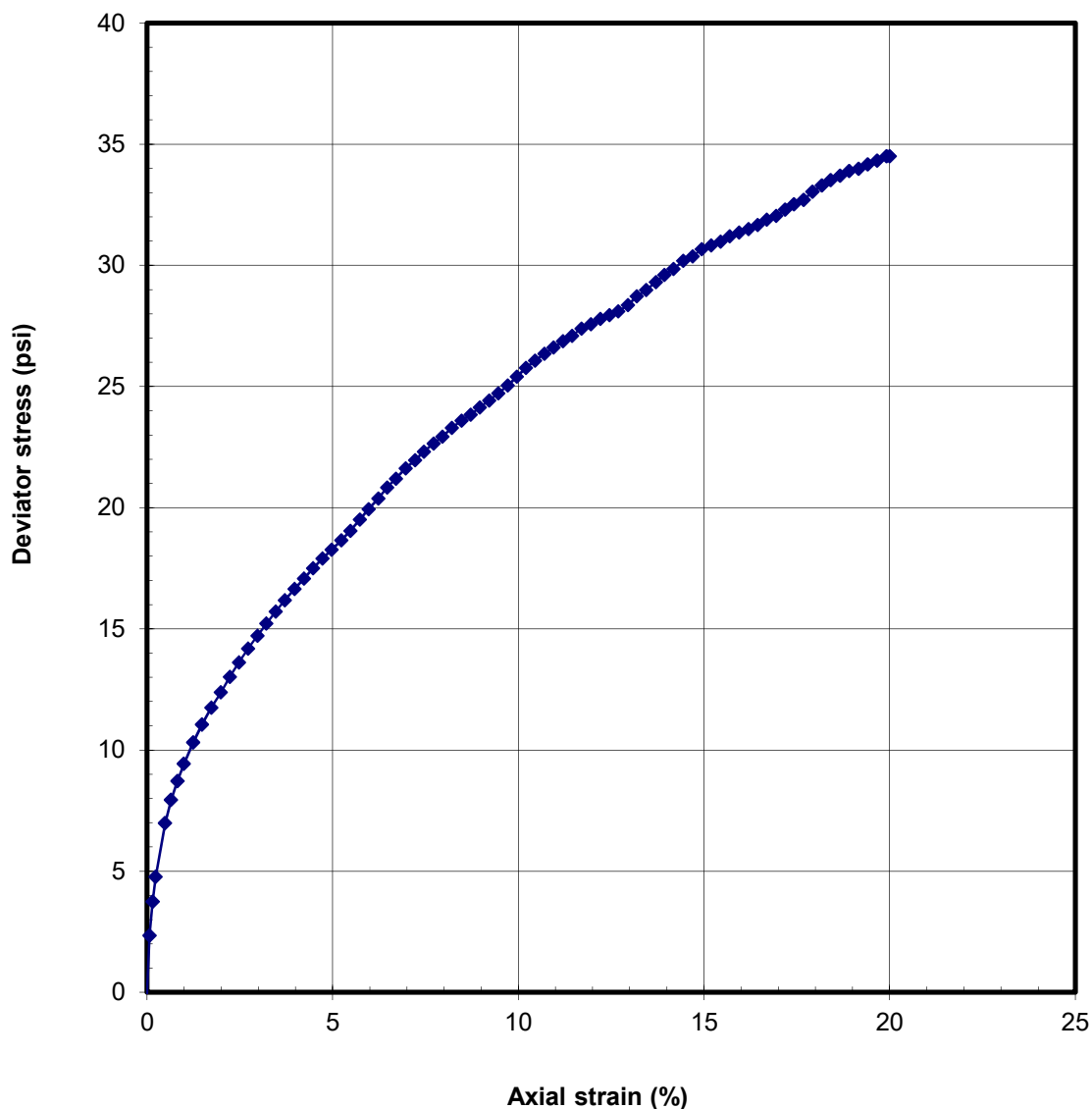
| | | | | | | | | |
|--------------------------------------|------|-----------------------------|------|---------------|----------------|------------|----------------|---------|
| Sampler Type: Shelby | | Condition | | Before Test | | After Test | | |
| Diameter (in) | 2.00 | Height (in) | 0.75 | Water 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 _{cc} | | | | Dry Density | γ _d | 100 pcf | γ _d | 111 pcf |
| Recompression Ratio, C _{cr} | | 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 |

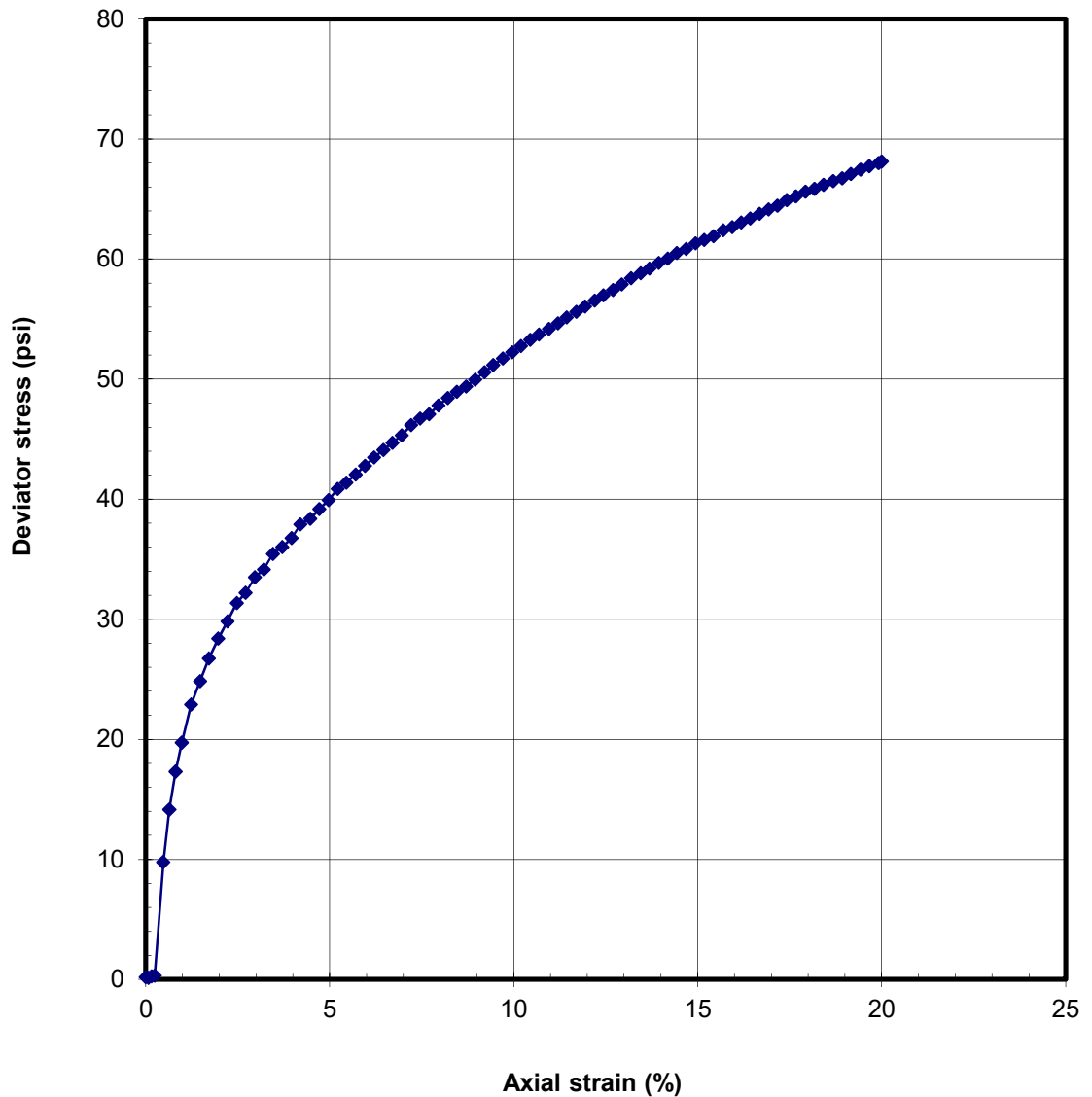


| | | | | | | | | | |
|--------------------------------------|---------------------------|-------------|------|---------------|----------------|-------------|----------------|----------------|--|
| Sampler Type: Shelby | | | | Condition | | Before Test | | After Test | |
| Diameter (in) | 2.00 | Height (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 _{ec} | | | | Dry Density | γ _d | 102 pcf | γ _d | 115 pcf | |
| Recompression Ratio, C _{er} | | LL | | PL | PI | | G _s | 2.75 (assumed) | |
| Source: | B-1 at 51.0 feet | | | | | | | | |
| Description: | Brown lean CLAY with sand | | | | | | | | |

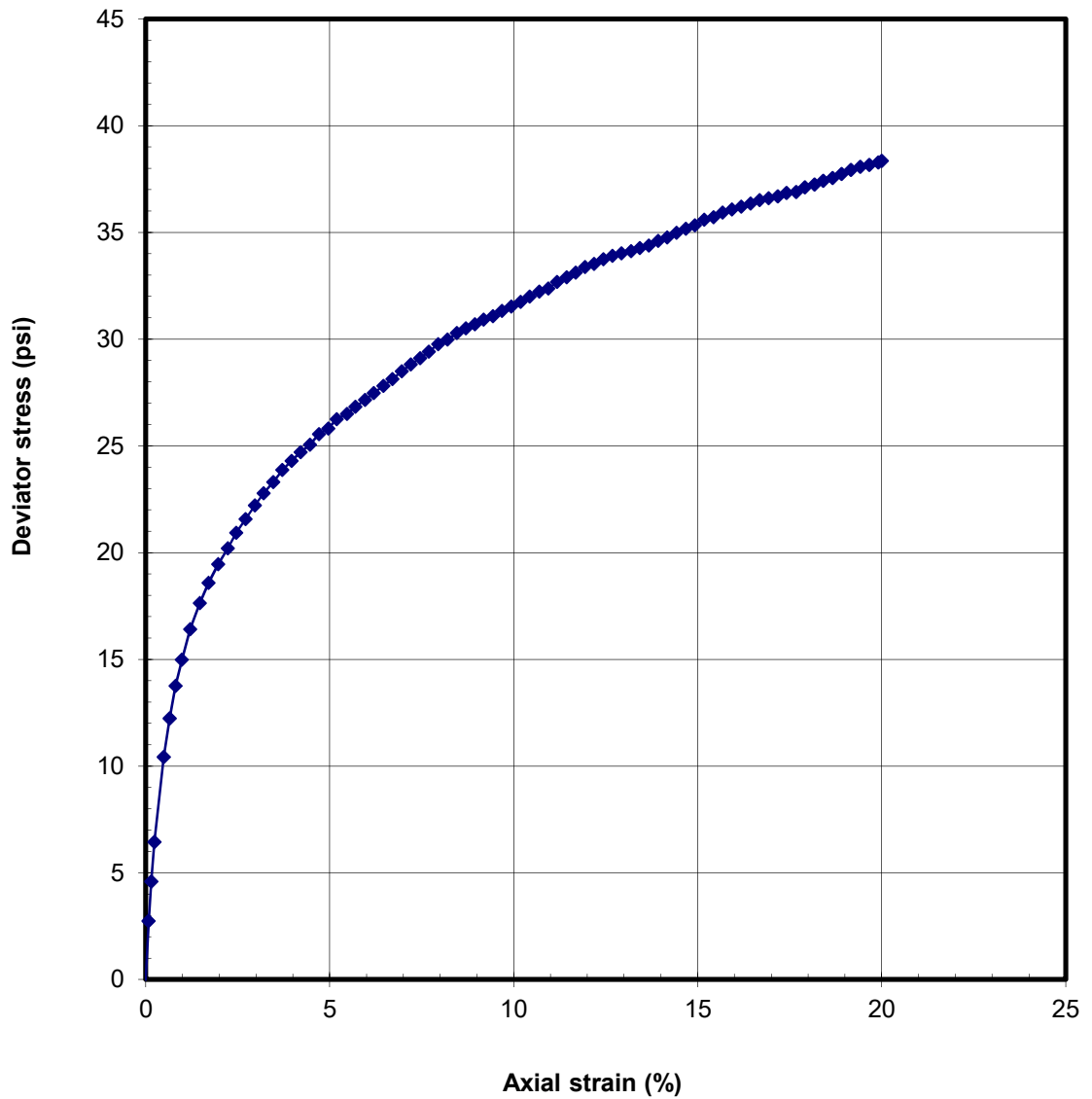
| | | | |
|------------------------------------------|----------------------------------|----------|----------------------|
| BERKELEY PLAZA | CONSOLIDATION TEST REPORT | | |
| B. HILLEBRANDT SOILS TESTING, INC | Date | 06/30/19 | Project No. 1114-10A |
| | | | Figure |



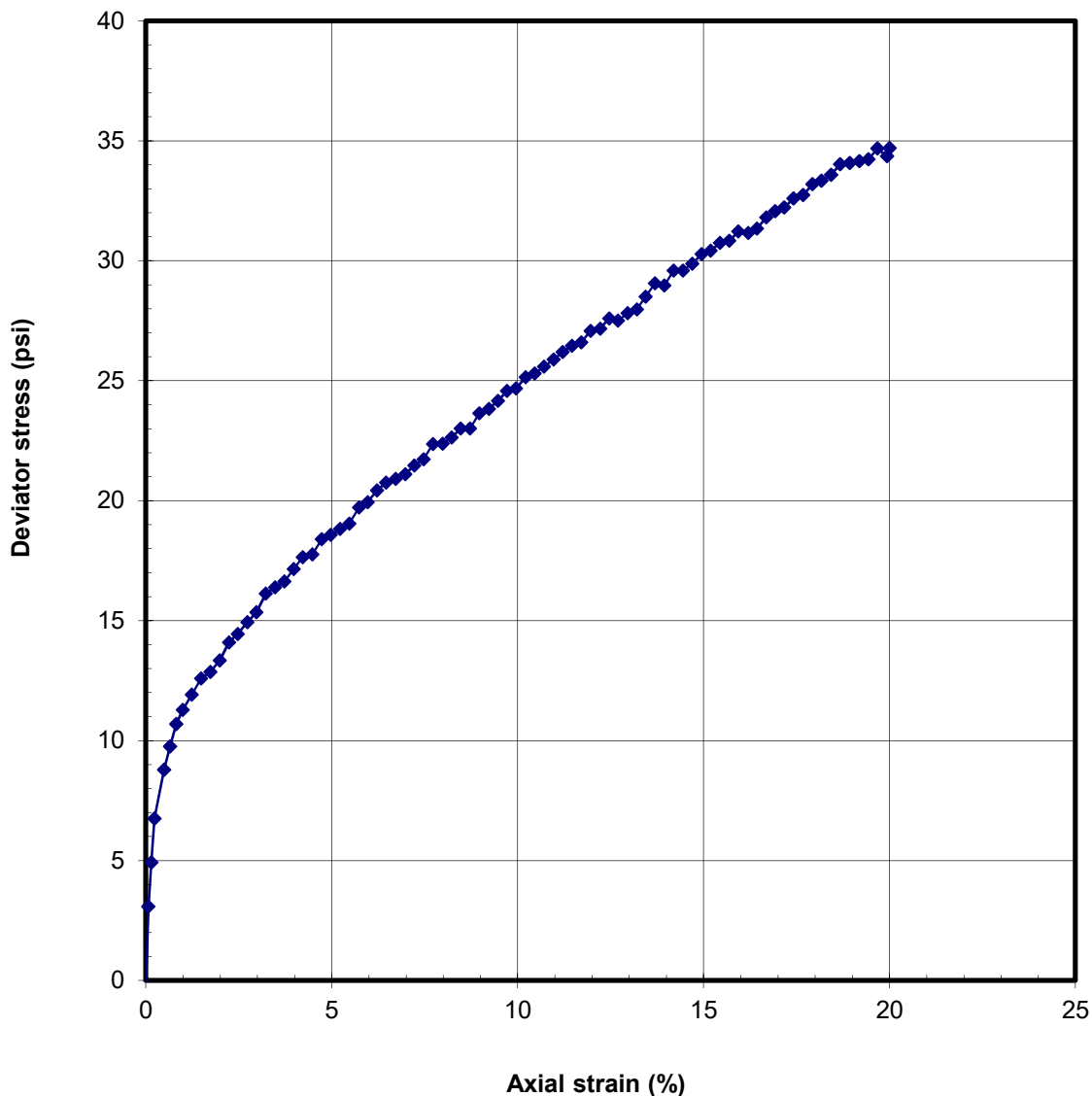
| | | | |
|------------------------------------------|------------------|---------------------------------------------------------------|---------------------|
| Sampler Type Mod Cal | | Shear Strength: 17.25 psi | |
| Diameter (in): 2.39 | Height (in): 5.3 | Strain at Failure: 20.0% | |
| Moisture Content: 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 | |



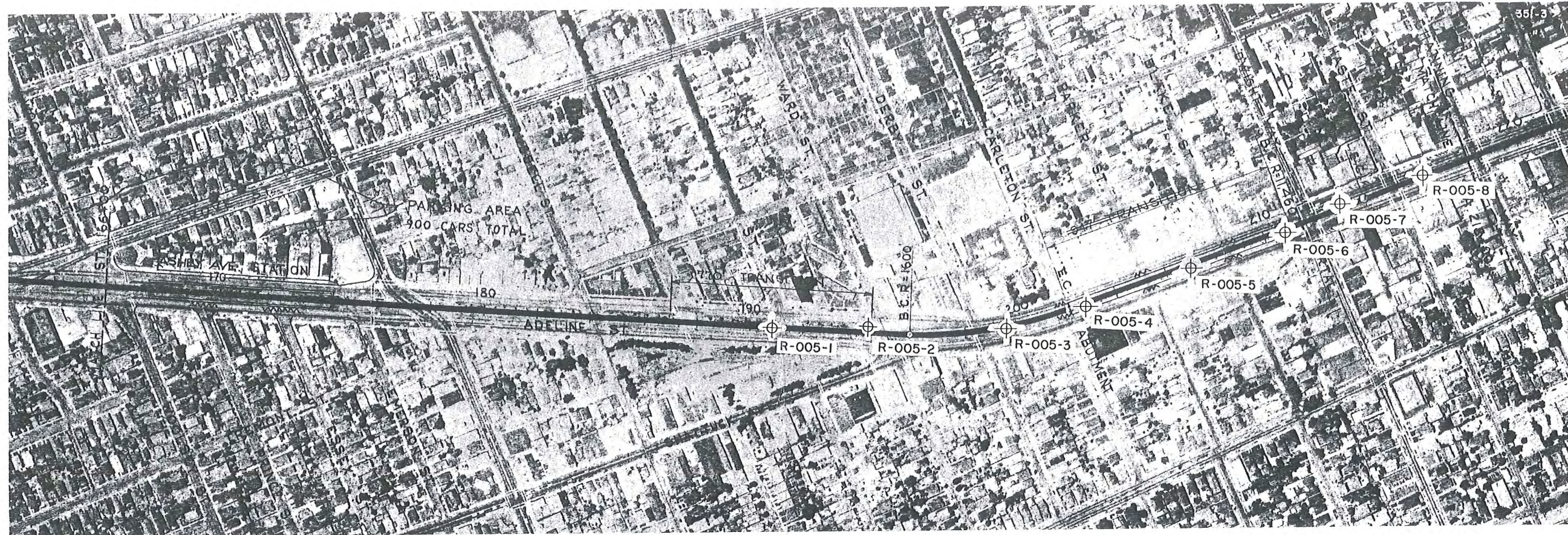
| | | | |
|------------------------------------------|------------------|---------------------------------------------------------------|---------------------|
| Sampler Type: Mod Cal | | Shear Strength: 17.35 psi | |
| Diameter (in): 2.39 | Height (in): 5.8 | Strain at Failure: 20.0% | |
| Moisture 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








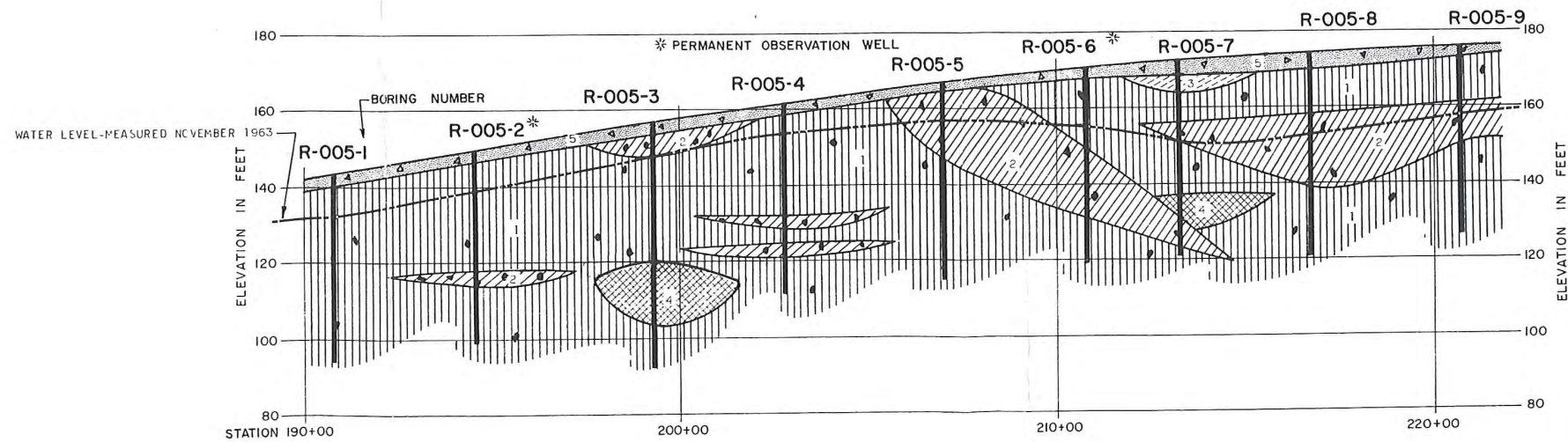
SEGMENT RFS-3A

PLOT PLAN

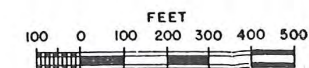


KEY

- 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

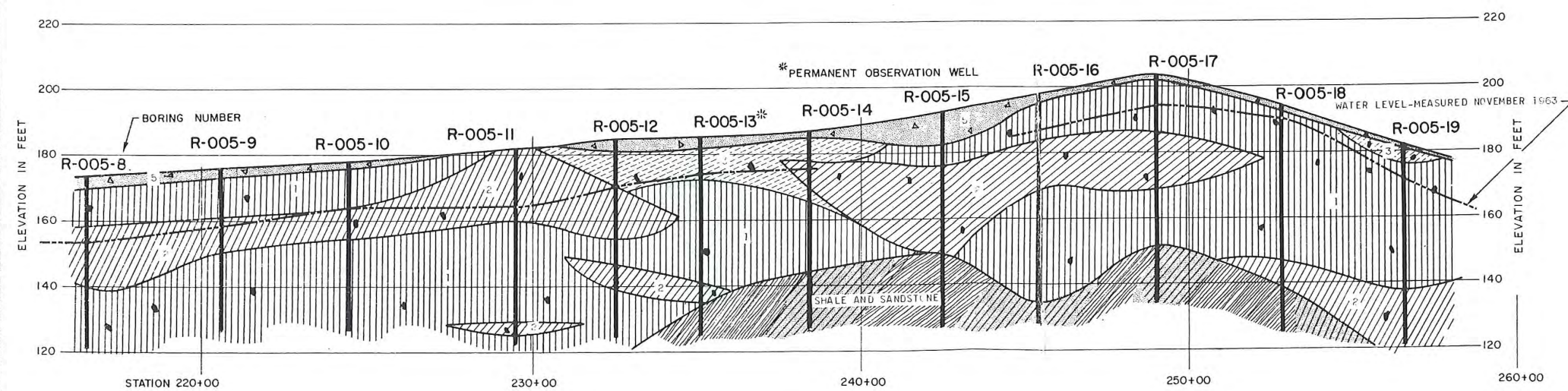
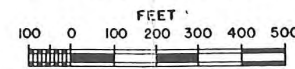


DAMES & MOORE
 CONSULTANTS IN APPLIED EARTH SCIENCES
 SOIL MECHANICS - ENGINEERING GEOLOGY - GEOPHYSICS



SEGMENT RFS 3A

PLOT PLAN



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

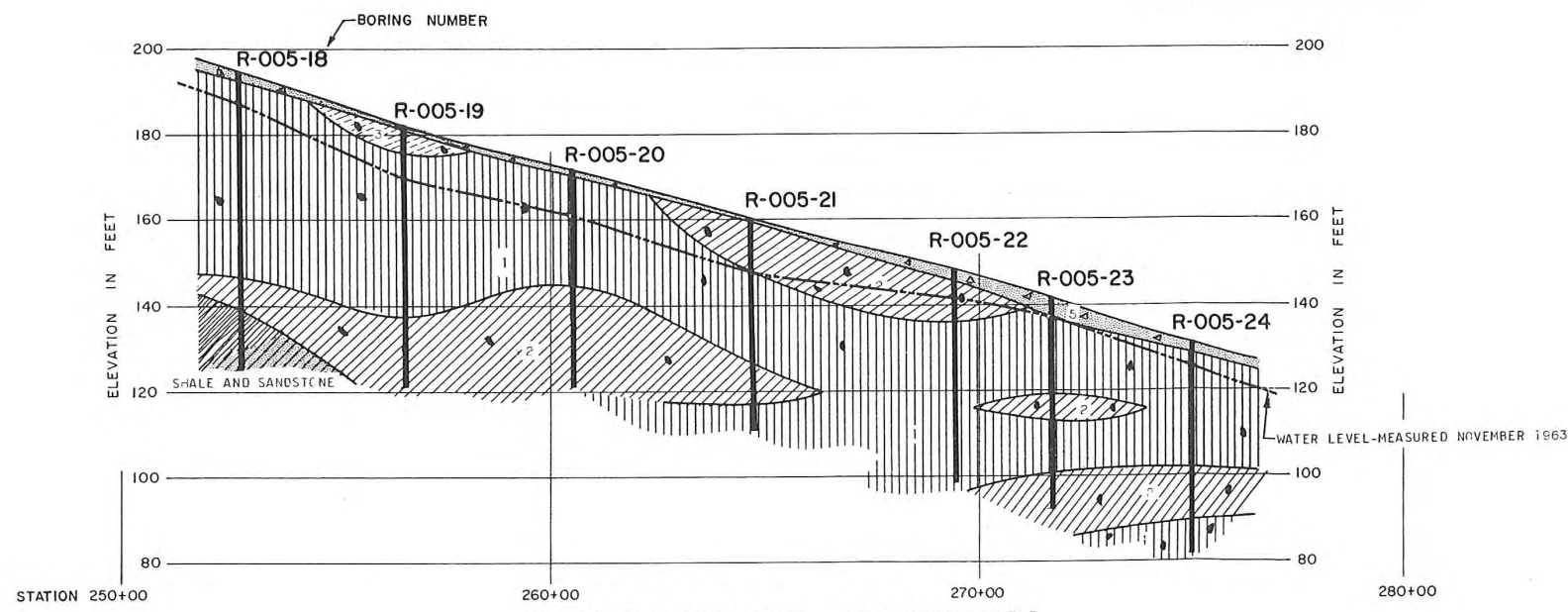
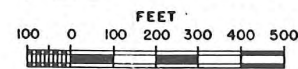


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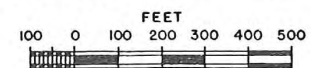


SEGMENT RFS-3A

PLOT PLAN



SUBSURFACE SECTION

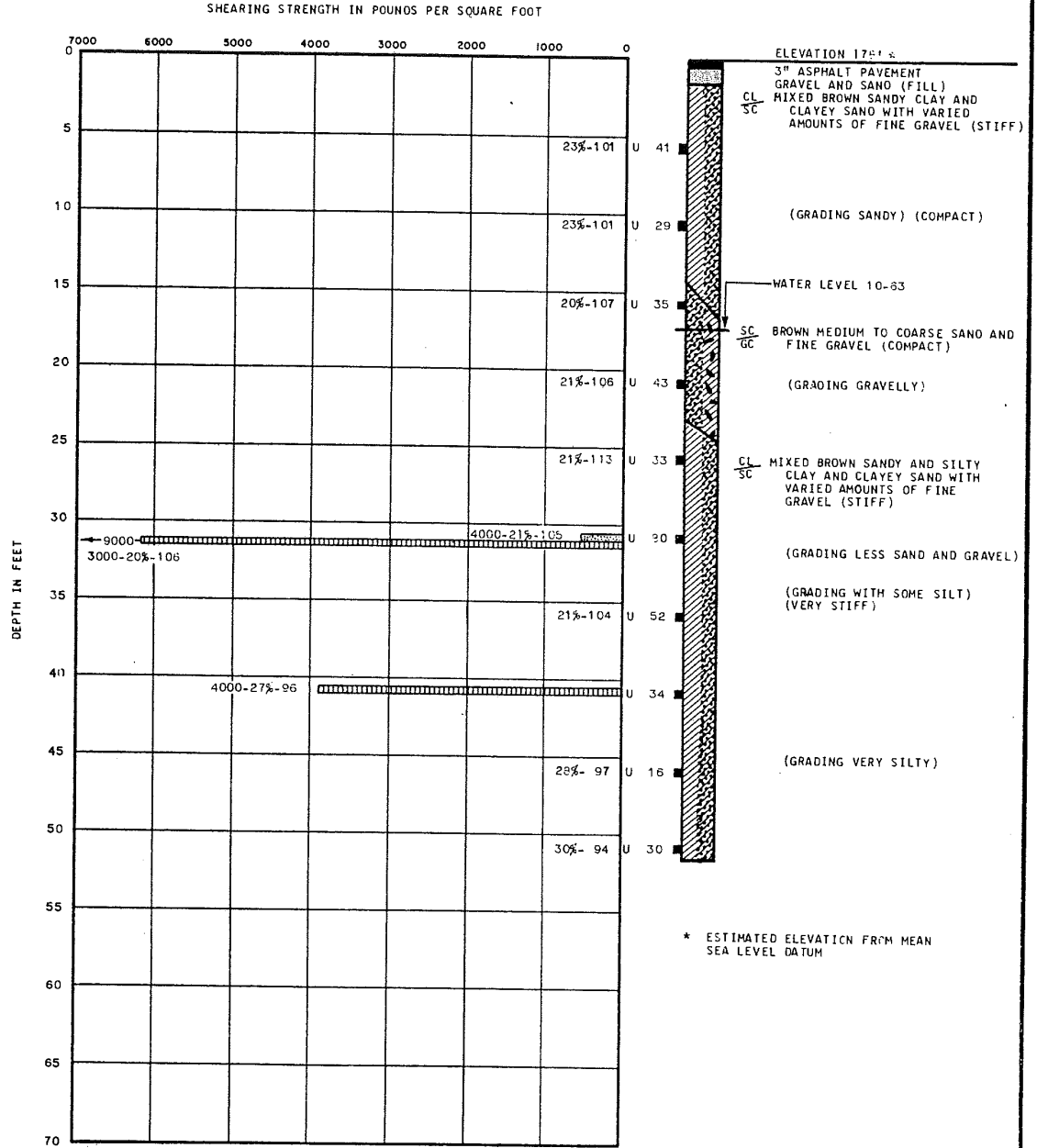


KEY

- | | | | |
|---|--|-------|----------------------------------------------------------------------------------------------------------|
| 1 | | CL-SC | MIXED BROWN SANDY AND SILTY CLAY AND CLAYEY SAND WITH VARIOUS 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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BORING R-005-10
DRILLED 10-18-63



* ESTIMATED ELEVATION FROM MEAN SEA LEVEL DATUM

LOG OF BORINGS

DAMES & MOORE
SOIL MECHANICS ENGINEERS

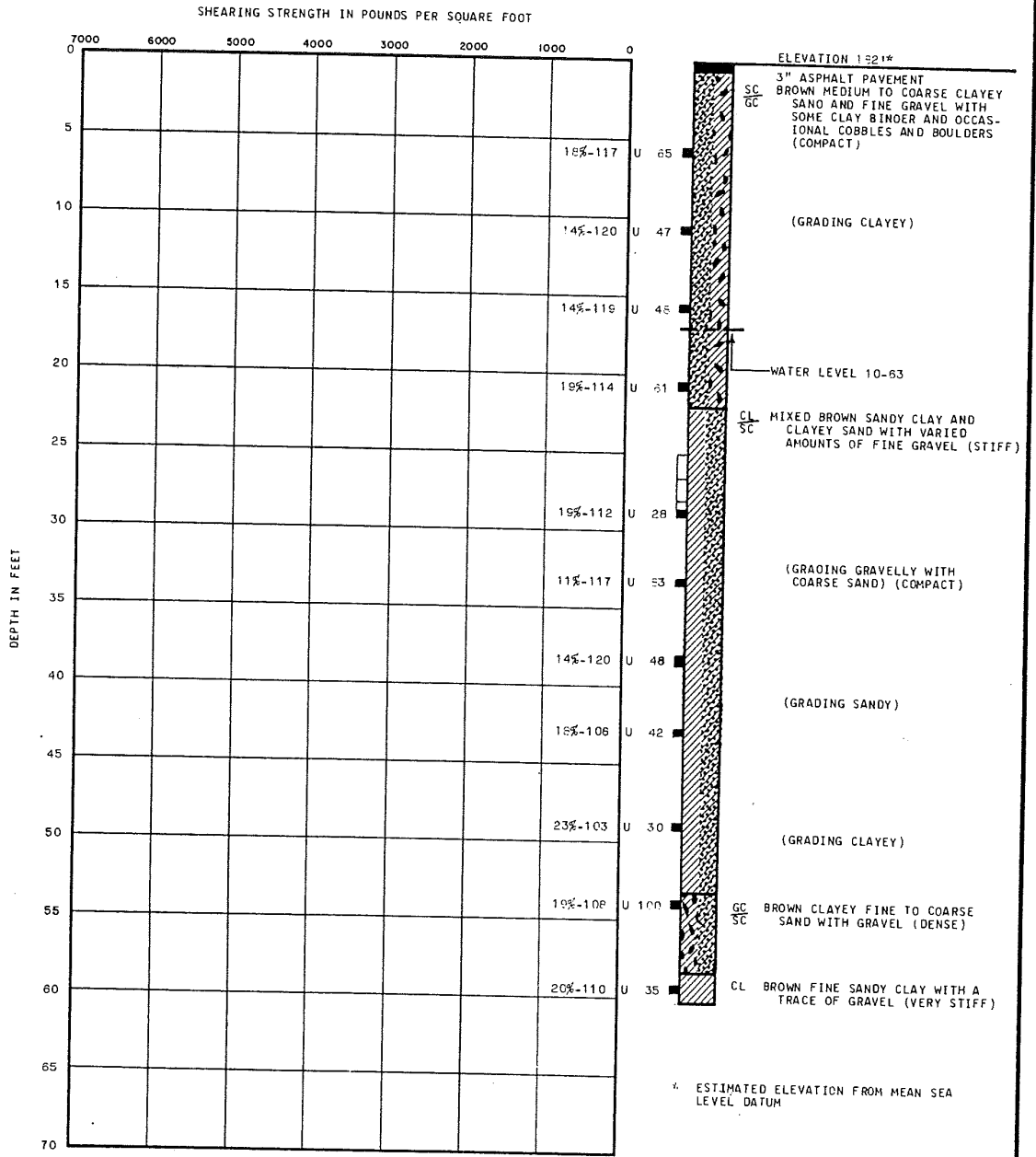
PLATE A1J

NO
BY: _____ DATE: _____
PLATE OF _____

115-1-11
BY: LEWIS DATE: 11/17/63
CHECKED BY: PAI DATE: 12/4/63

BORING R-005-II
DRILLED 10-21-63

BY _____ DATE _____
BY _____ DATE _____
CHECKED BY _____ DATE _____

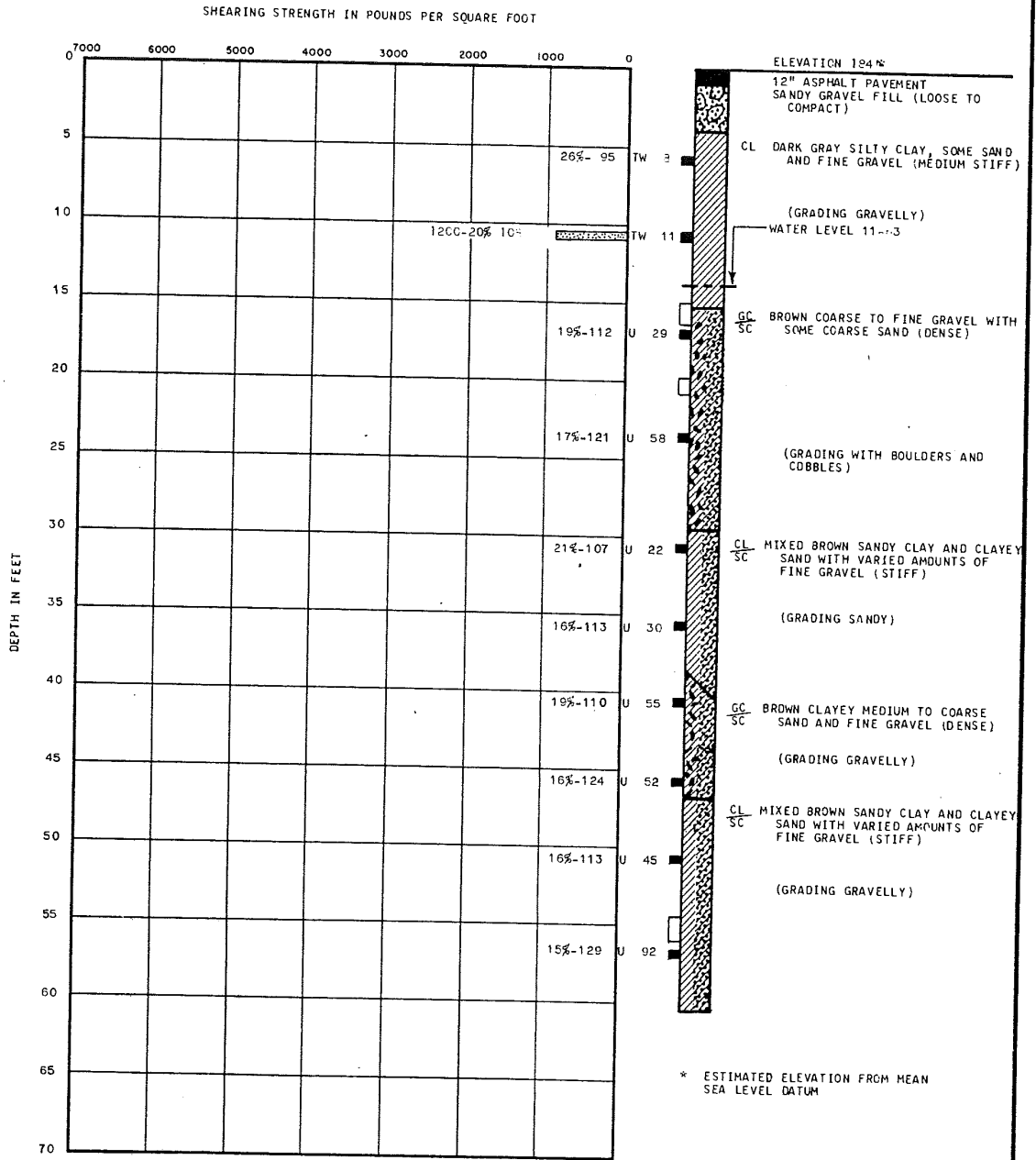


* ESTIMATED ELEVATION FROM MEAN SEA LEVEL DATUM

LOG OF BORINGS

BORING R-005-12
DRILLED : C-22-63

IONS
BY _____ DATE _____
BY _____ DATE _____
PLATE _____ OF _____



* ESTIMATED ELEVATION FROM MEAN SEA LEVEL DATUM

2/2/63
BY _____ DATE _____
CHECKED BY _____ DATE 2/16/63

LOG OF BORINGS

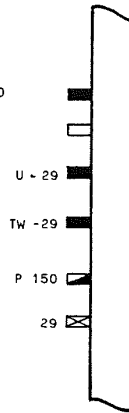
DAMES & MOORE
SOIL MECHANICS ENGINEERS

PLATE A11

REVISIONS
BY: _____ DATE: _____
BY: _____ DATE: _____
BY: _____ DATE: _____
CHECKED BY: _____ PLATE: _____

DRY DENSITY EXPRESSED IN POUNDS
PER CUBIC FOOT
PERCENT FIELD MOISTURE EXPRESSED
AS PERCENTAGE OF DRY WEIGHT

25% - 100



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 5" 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

TESTS AT
FIELD MOISTURE

TEST SURCHARGE PRESSURE IN POUNDS PER SQUARE FOOT
PER CENT FIELD MOISTURE EXPRESSED AS A PERCENTAGE
OF THE DRY WEIGHT OF SOIL
DRY DENSITY EXPRESSED IN POUNDS PER CUBIC FOOT
PER CENT TEST MOISTURE EXPRESSED AS A PERCENTAGE
OF THE DRY WEIGHT OF SOIL

DIRECT SHEAR - STRAIN CONTROL

2500-10%-100 [Patterned Box] YIELD POINT SHEARING STRENGTH IN POUNDS PER SQUARE FOOT 2500-30%-100 [Patterned Box]

TRIAxIAL TEST

2500-10%-100 [Patterned Box] MAXIMUM SHEARING STRENGTH IN POUNDS PER SQUARE FOOT 2500-30%-100 [Patterned Box]

UNCONFINED COMPRESSION

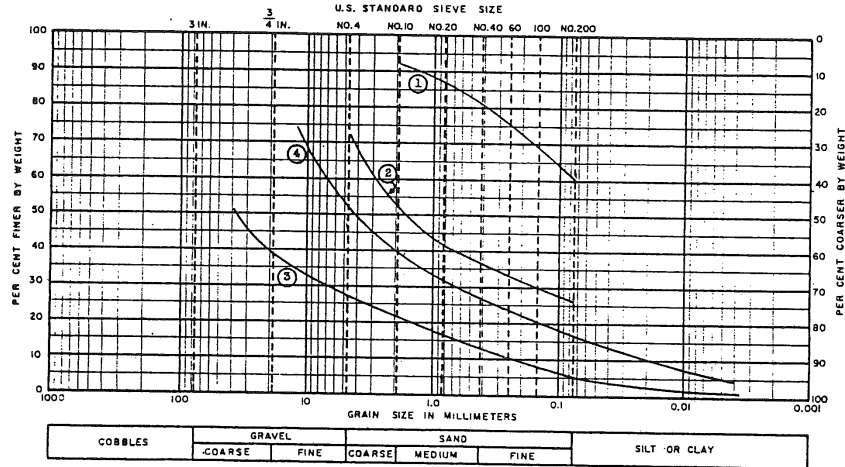
10%-100 [Patterned Box] MAXIMUM SHEARING STRENGTH IN POUNDS PER SQUARE FOOT

SUPPLEMENTARY KEY TO TEST DATA

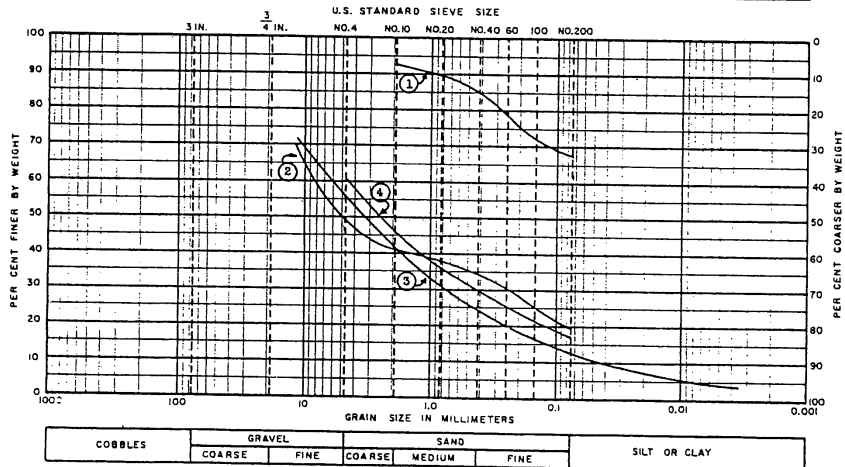
DAMES & MOORE
SOIL MECHANICS ENGINEERS

REVISIONS
BY _____ DATE _____
BY _____ DATE _____
PLATE _____ OF _____

| BORING | DEPTH | ELEV. | SAMPLE | LIQUID LIMIT | PLASTIC LIMIT | SYMBOL | SOIL CLASSIFICATION | KEY | REMARKS |
|----------|-------|-------|--------|--------------|---------------|--------|----------------------|-----|---------|
| B-005-10 | 5.5' | | | | | OL | 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' | | | | | GD | Sandy Gravel | 4 | |



| BORING | DEPTH | ELEV. | SAMPLE | LIQUID LIMIT | PLASTIC LIMIT | SYMBOL | SOIL CLASSIFICATION | KEY | REMARKS |
|----------|-------|-------|--------|--------------|---------------|--------|---------------------|-----|---------|
| B-005-10 | 25.5' | | | | | OL | 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 | |



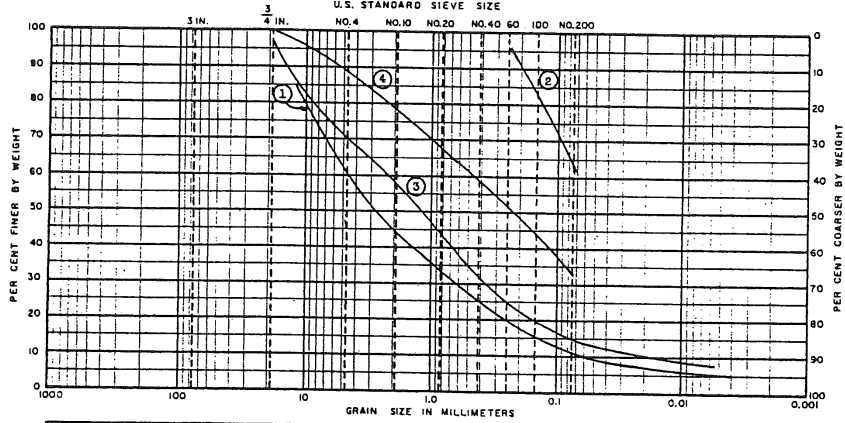
FILE 2-11-63-011-22
BY B.A.B.T.
CHECKED BY R.R. DATE 12-12-63

GRAIN SIZE DISTRIBUTION

(7.64)

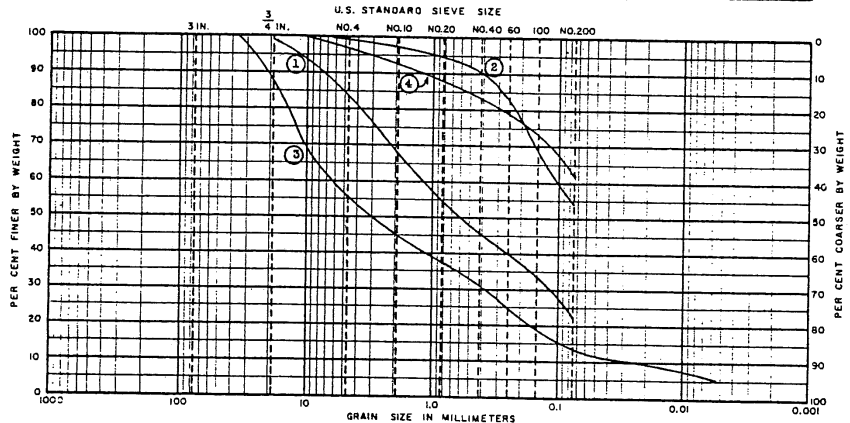
REV
BY _____ DATE _____
BY _____ DATE _____
BY _____ DATE _____
PLATE _____ OF _____

| 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 | |



| | | | | | | |
|---------|--------|------|--------|--------|------|--------------|
| COBBLES | GRAVEL | | SAND | | | SILT OR CLAY |
| | COARSE | FINE | COARSE | MEDIUM | FINE | |

| 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 | |

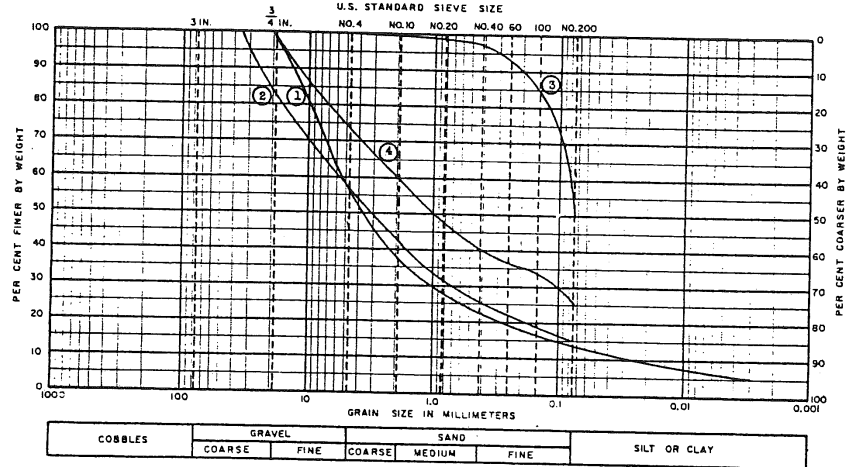


| | | | | | | |
|---------|--------|------|--------|--------|------|--------------|
| COBBLES | GRAVEL | | SAND | | | SILT OR CLAY |
| | COARSE | FINE | COARSE | MEDIUM | FINE | |

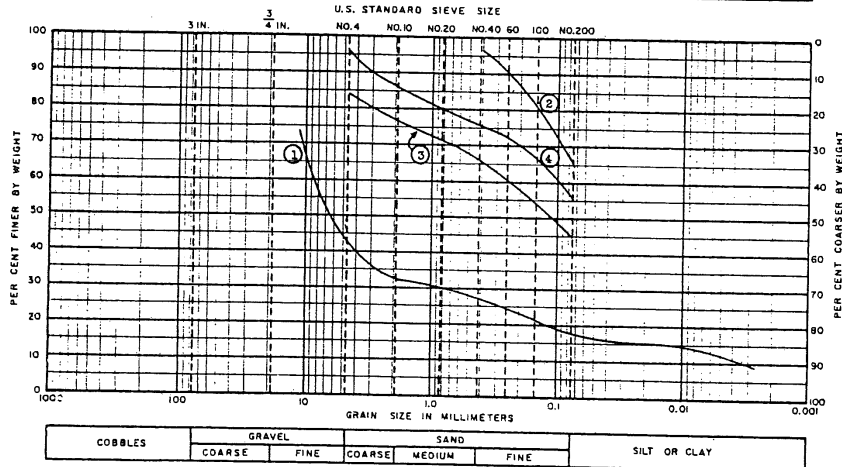
FILE: .011-
BY SAAT DATE 12/28/83
CHECKED BY: AK DATE 1/11/84

GRAIN SIZE DISTRIBUTION

| 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-005-11 | 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 | |



GRAIN SIZE DISTRIBUTION

REVISIONS
BY _____ DATE _____
BY _____ DATE _____
PLATE _____ OF _____

FILE # 112-011-01
BY _____ DATE 12/2/03
CHECKED BY _____



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: | Client Name: |  |
| THE RESIDENCES AT BERKE | A3GEO | |
| 2211 HAROLD WAY | 1331 Seventh Street, Unit E | |
| BERKELEY, CA 94704 | Berkeley, CA 94710 | |
| EDR Inquiry # 5702646.1 | Contact: Laura Buchanan | |

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by A3GEO were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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

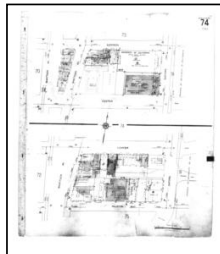
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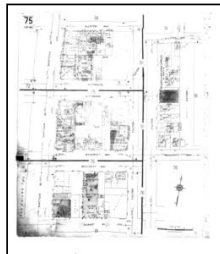
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Volume 1, Sheet 72
1980

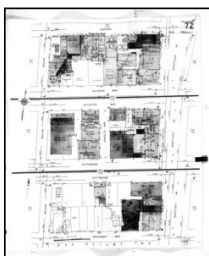


Volume 1, Sheet 74
1980

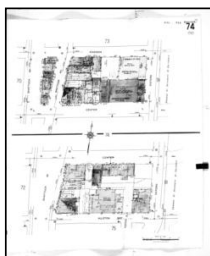


Volume 1, Sheet 75
1980

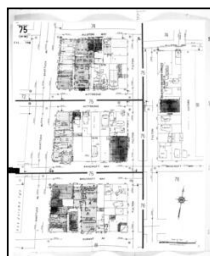
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Volume 1, Sheet 72
1950

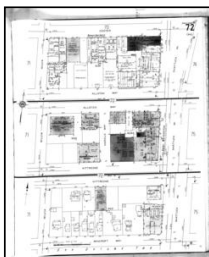


Volume 1, Sheet 74
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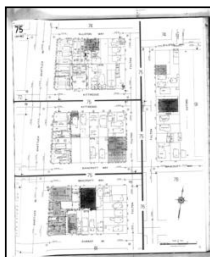


Volume 1, Sheet 75
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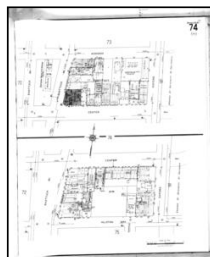
1929 Source Sheets



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

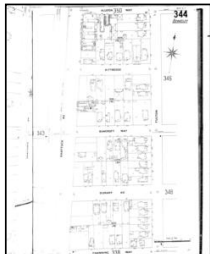
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Volume 3, Sheet 343
1903



Volume 3, Sheet 344
1903

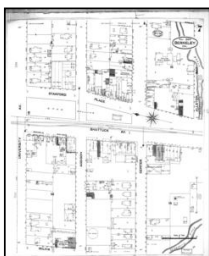


Volume 3, Sheet 349
1903



Volume 3, Sheet 350
1903

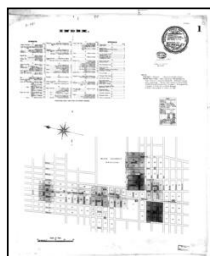
1894 Source Sheets



Volume 1, Sheet 7
1894



Volume 1, Sheet 10
1894

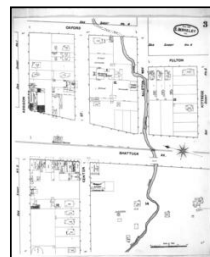


Volume 1, Sheet 1
1894

1890 Source Sheets



Volume 1, Sheet 5
1890

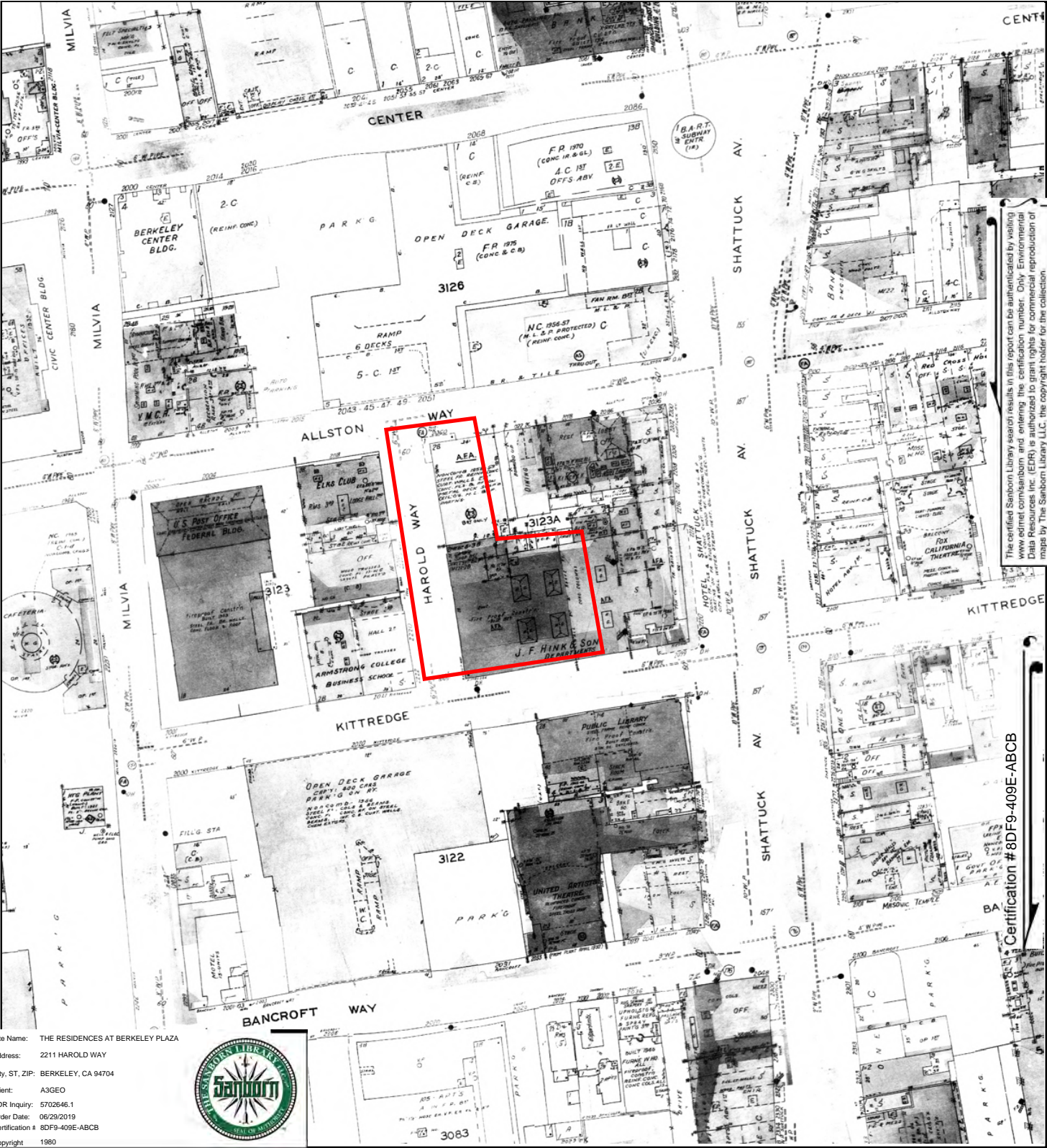


Volume 1, Sheet 3
1890



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1980



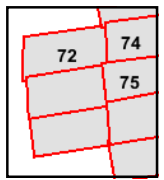
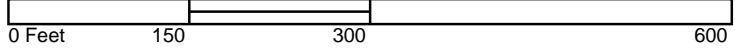
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1950



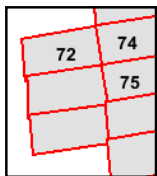
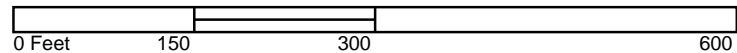
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1929



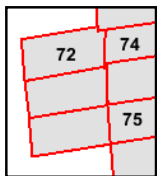
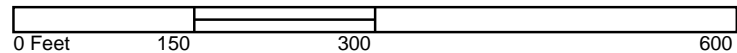
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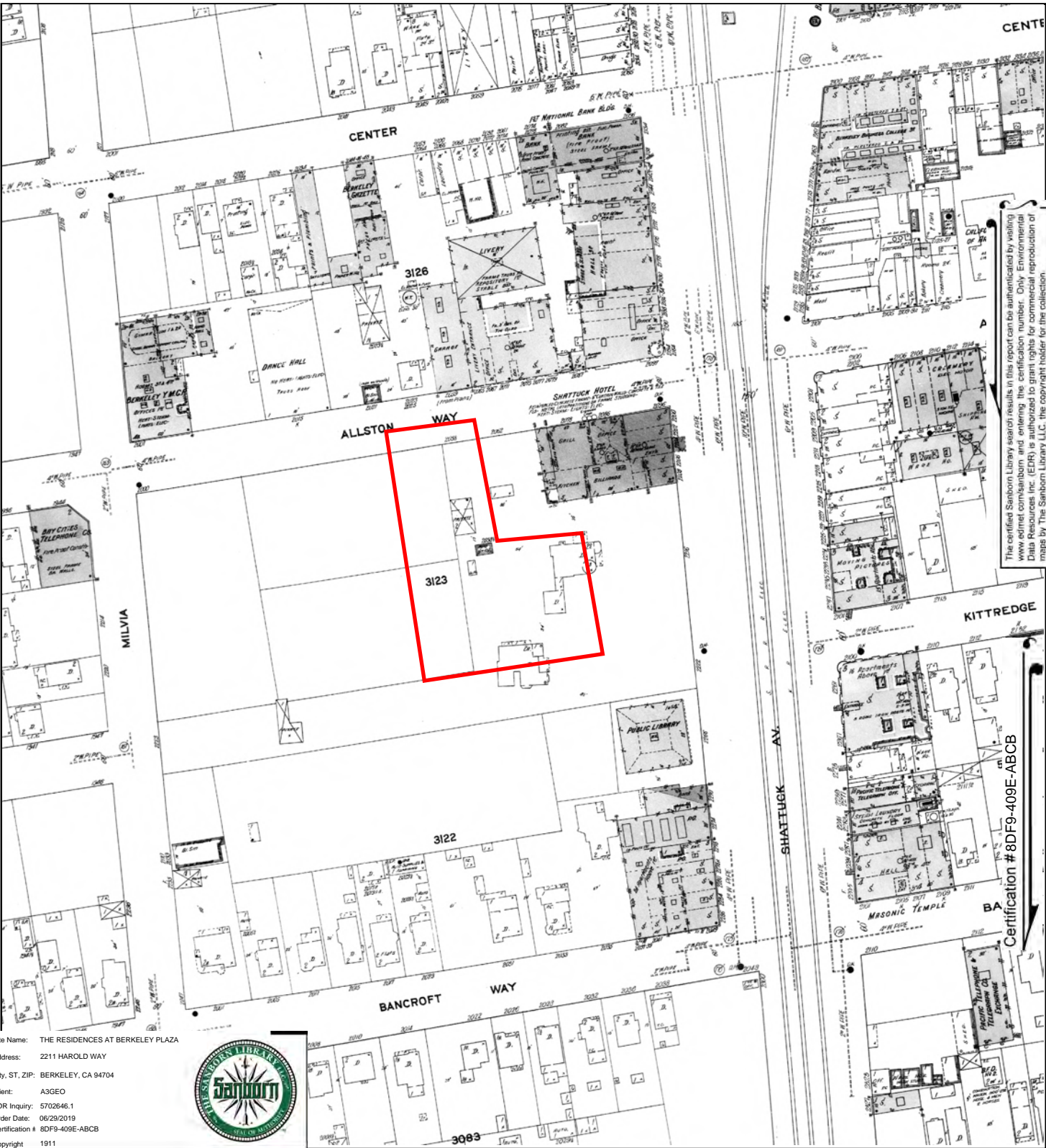
Volume 1, Sheet 74
Volume 1, Sheet 75
Volume 1, Sheet 72





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1911



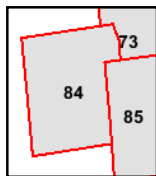
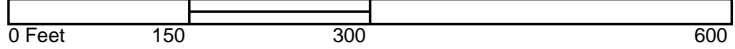
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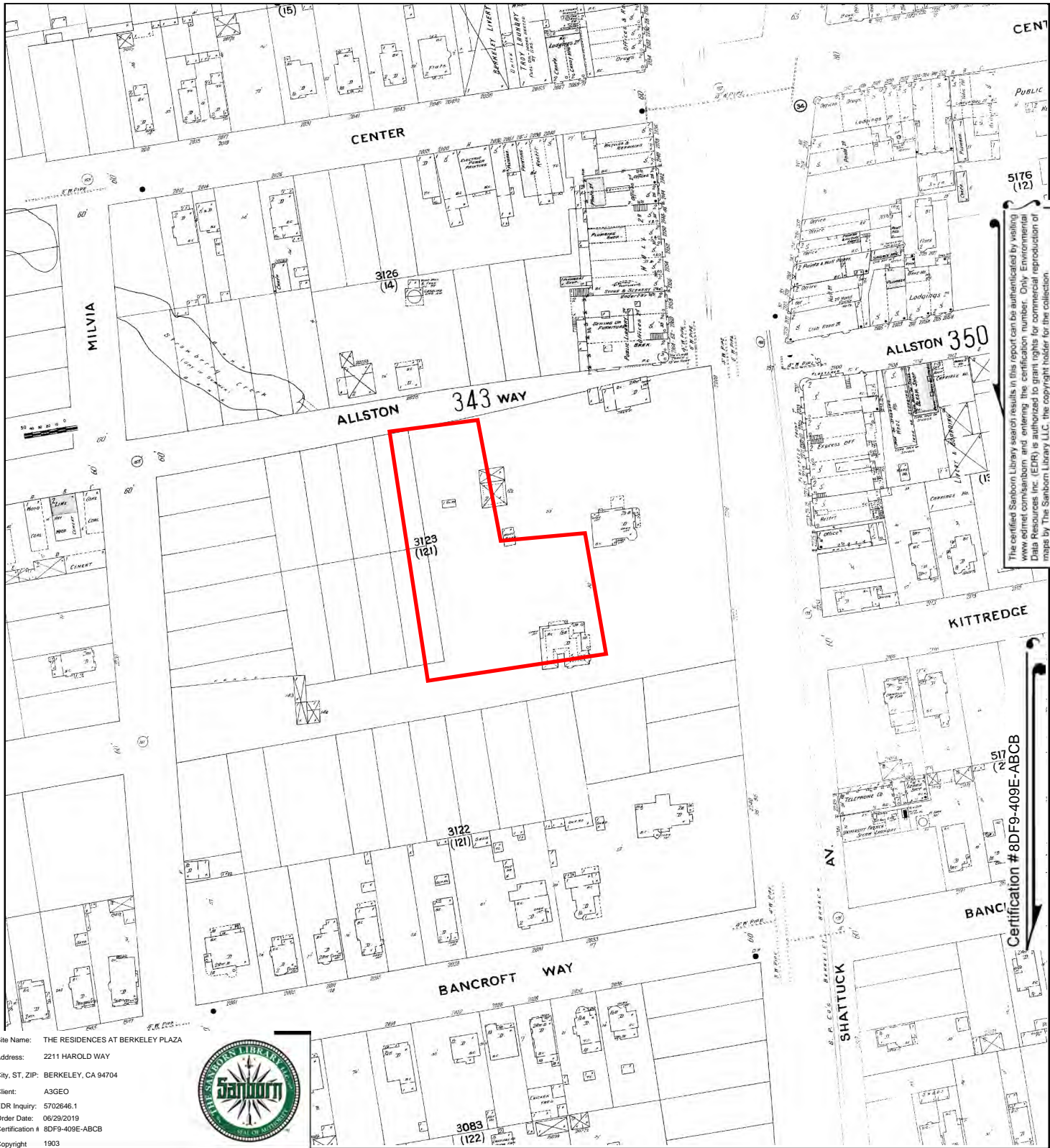
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 Volume 1, Sheet 84
 Volume 1, Sheet 73





Certified Sanborn® Map

1903



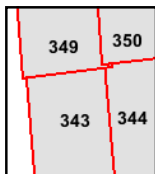
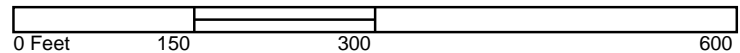
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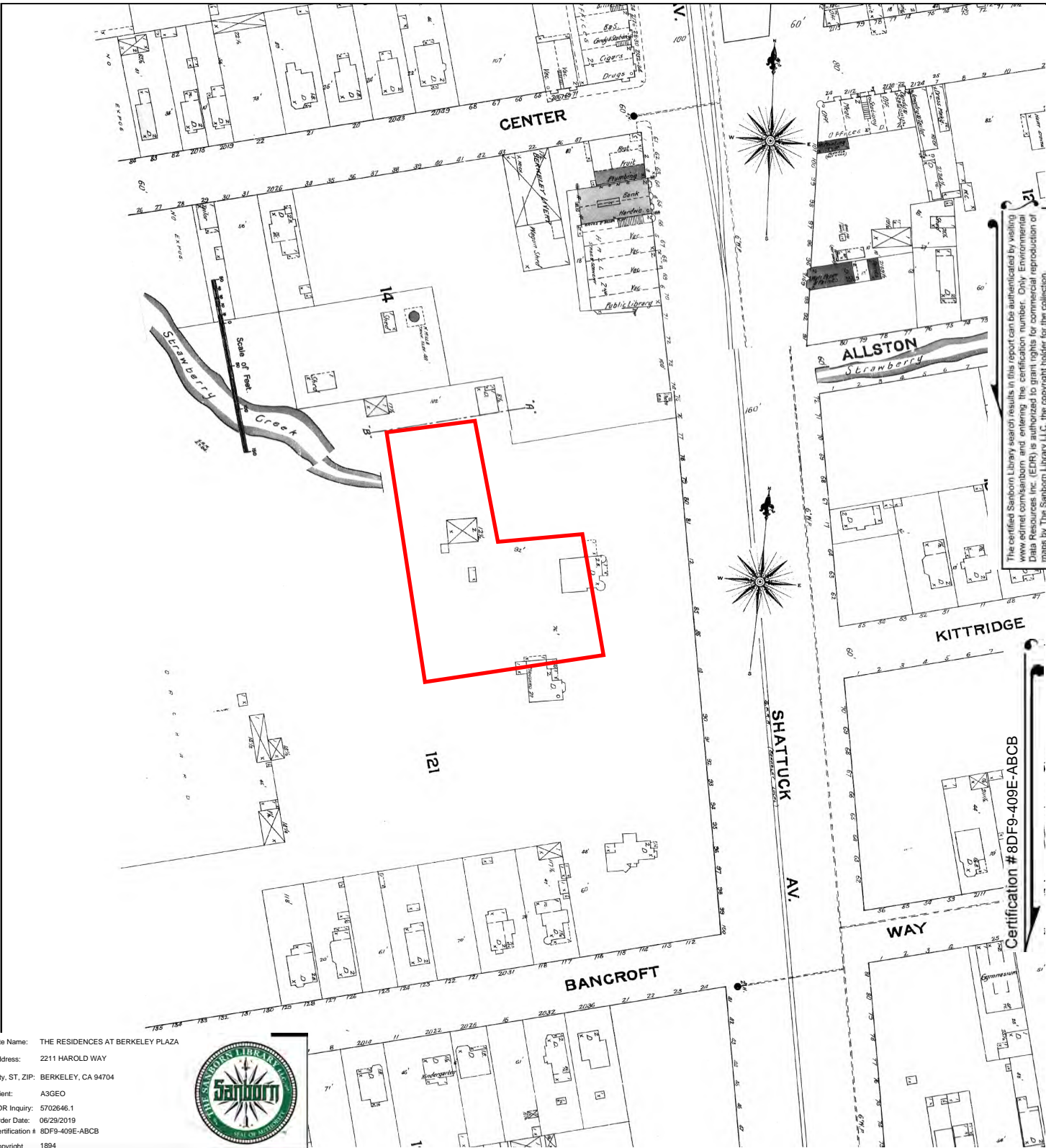
Volume 3, Sheet 350
 Volume 3, Sheet 349
 Volume 3, Sheet 344
 Volume 3, Sheet 343





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1894



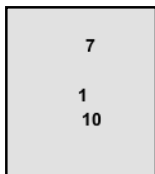
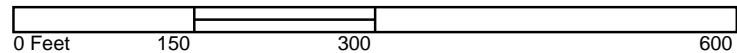
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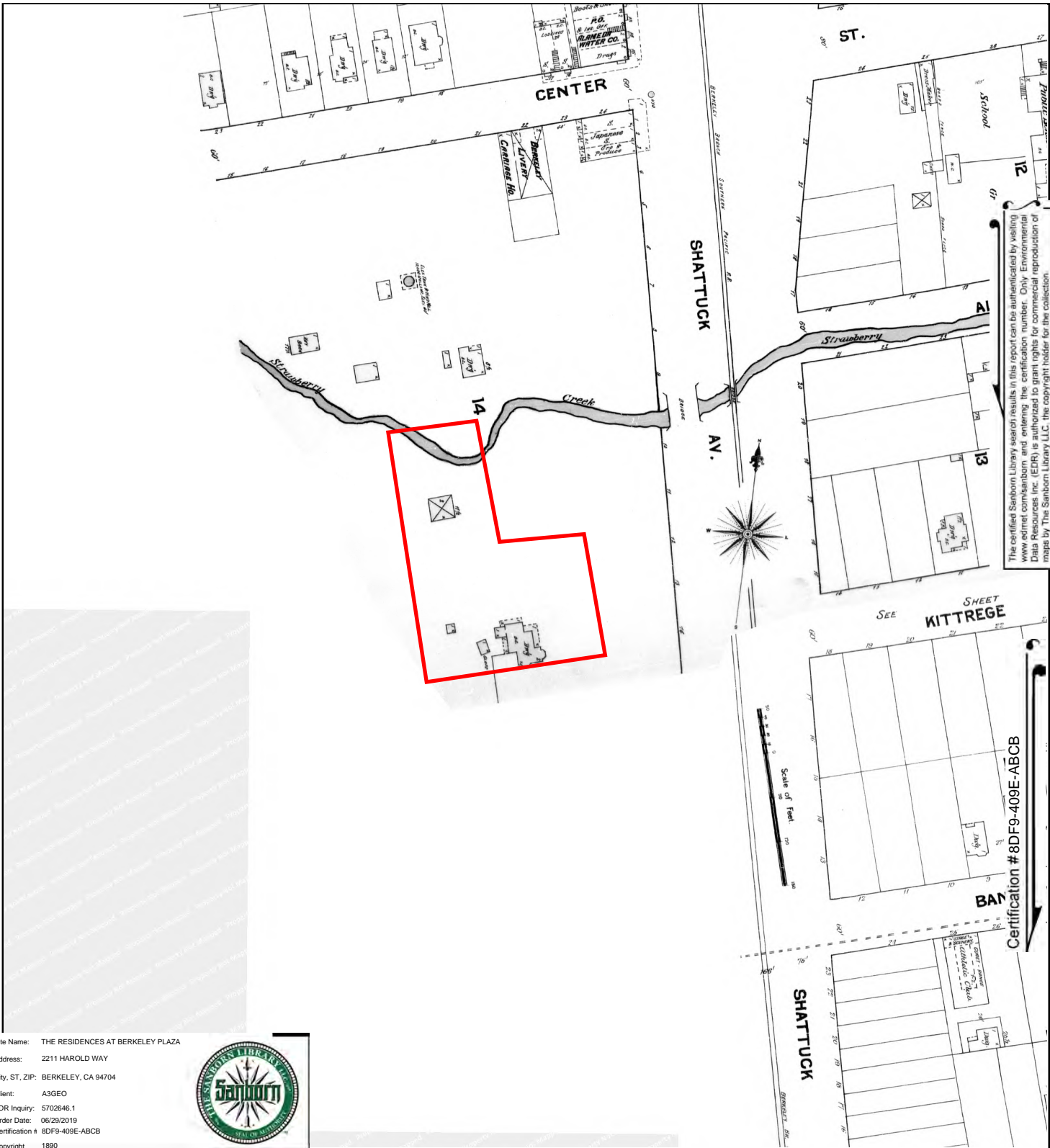
Volume 1, Sheet 1
Volume 1, Sheet 10
Volume 1, Sheet 7





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1890



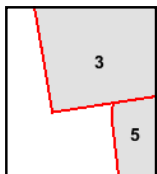
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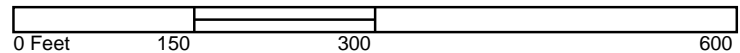
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City, ST, ZIP: BERKELEY, CA 94704
Client: A3GEO
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Volume 1, Sheet 5





APPENDIX F

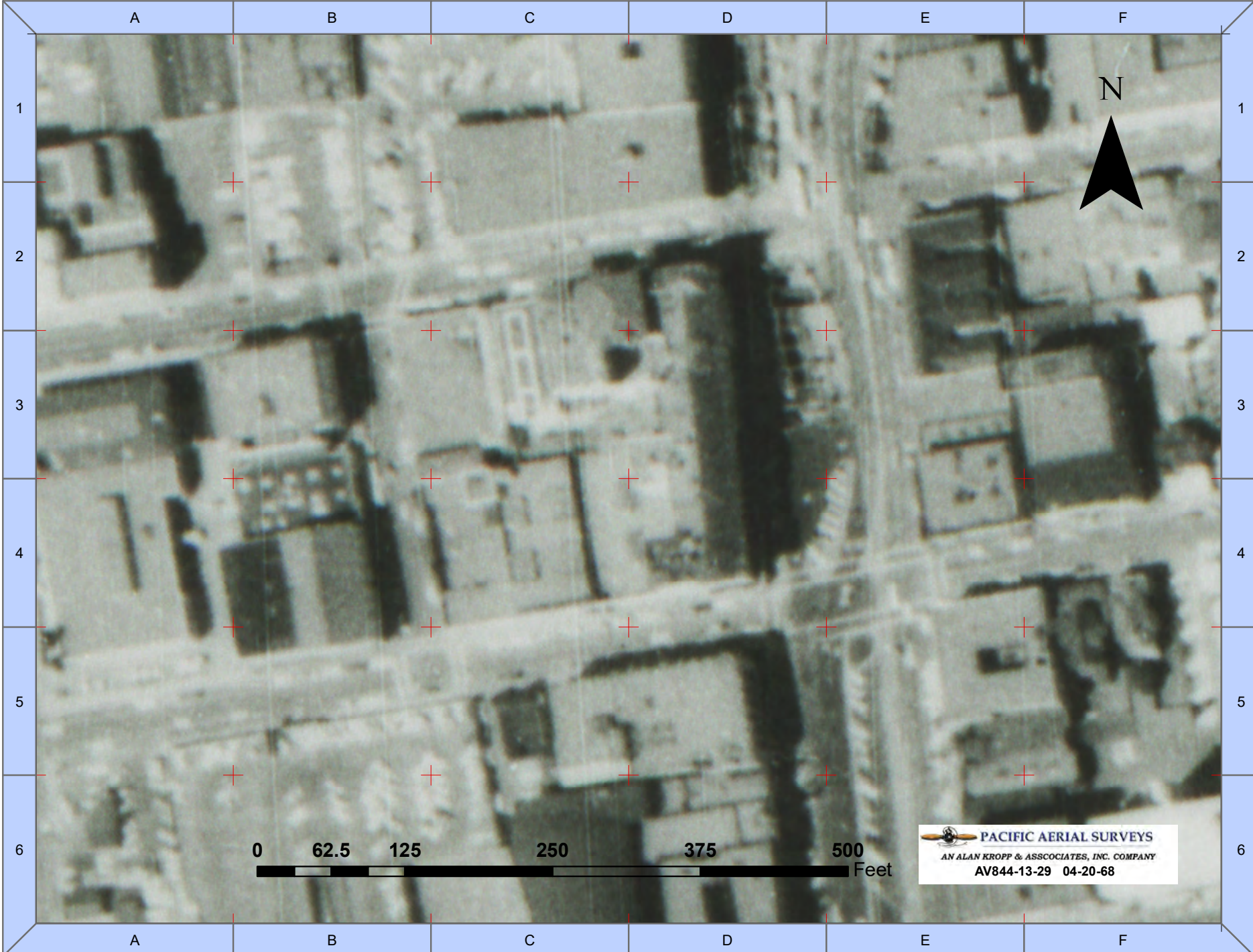
Historical Aerial Photographs

BERKELEY PLAZA
BERKELEY, CALIFORNIA



















PACIFIC AERIAL SURVEYS
 AN ALAN KROPP & ASSOCIATES, INC. COMPANY
 Harold Way Berkeley - February 2015



APPENDIX G

Liquefaction Analyses

BERKELEY PLAZA
BERKELEY, CALIFORNIA

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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

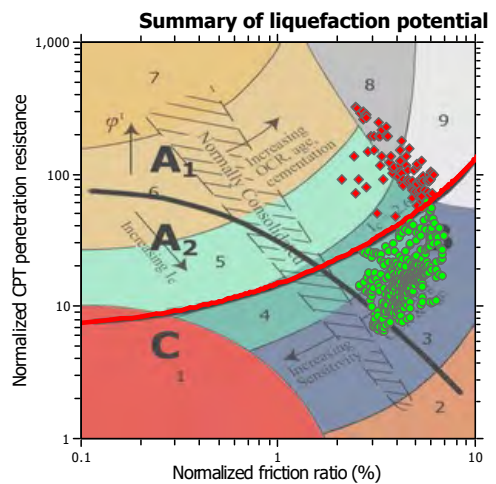
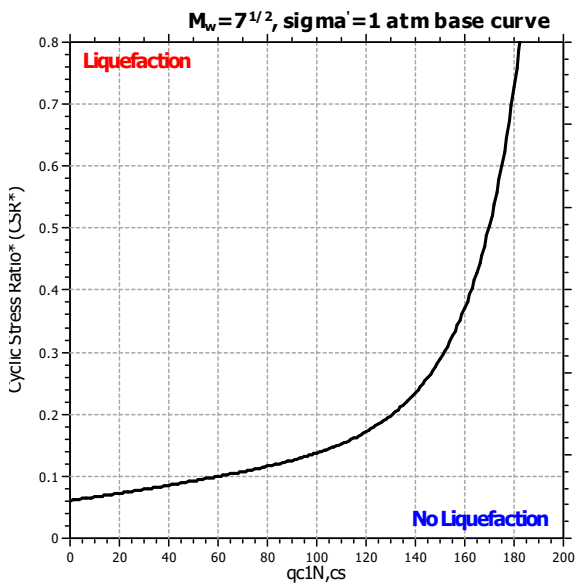
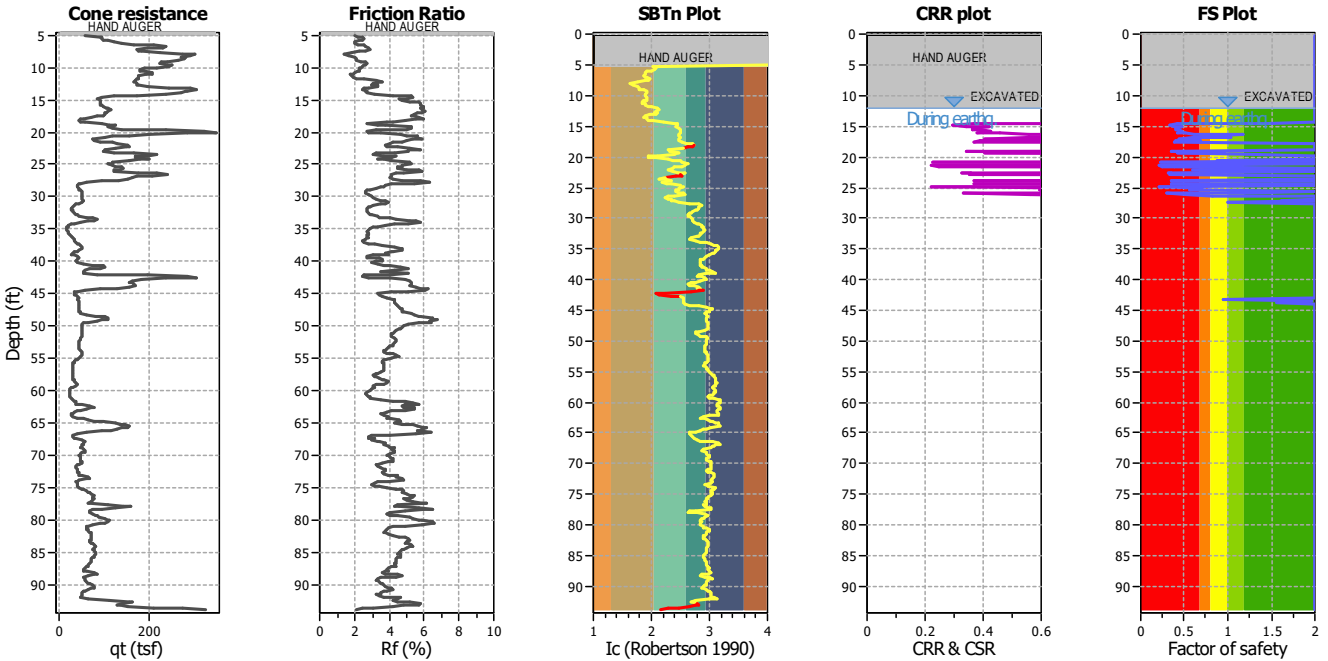
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Location :

CPT file : CPT-2

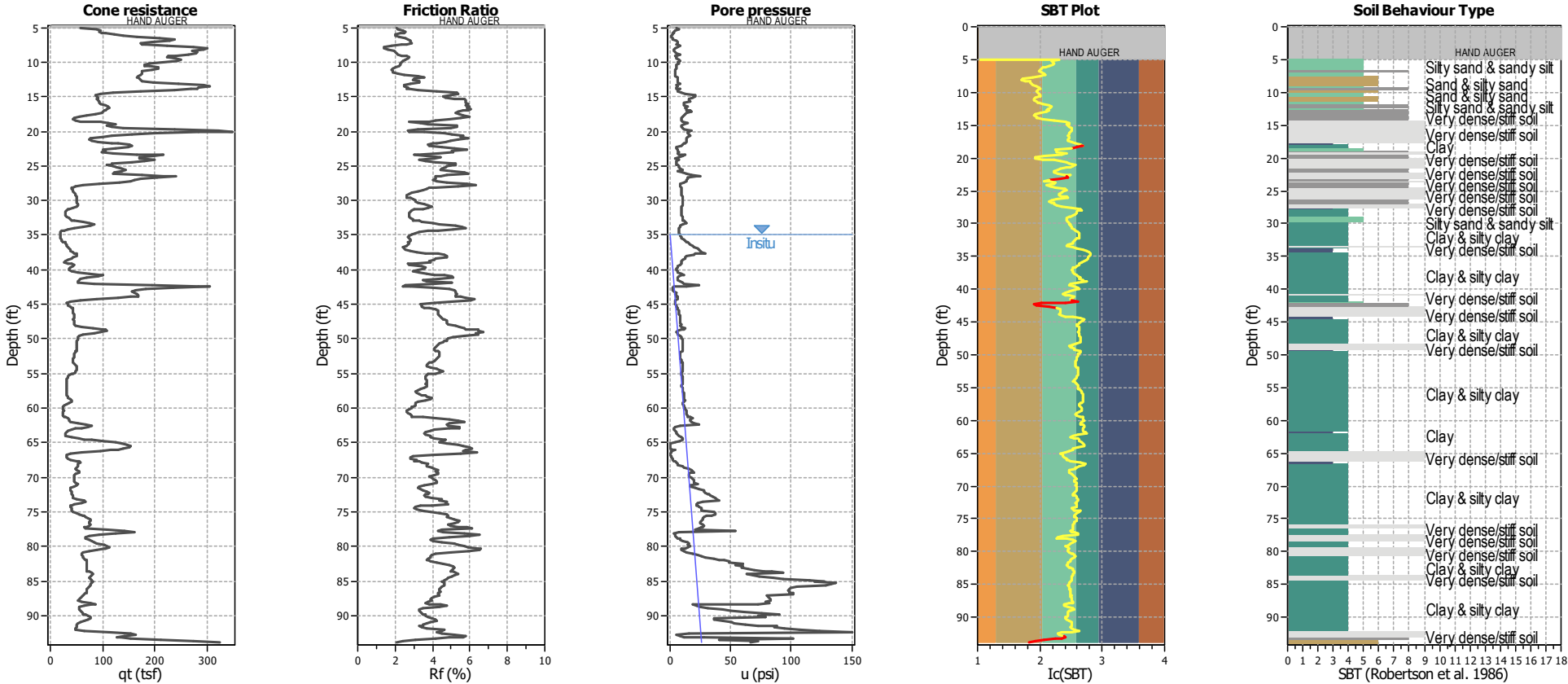
Input parameters and analysis data

| | | | | | | | |
|------------------------------|-------------------|---------------------------|--------------|-------------------------|----------|----------------------|--------------|
| Analysis method: | B&I (2014) | G.W.T. (in-situ): | 35.00 ft | Excavation: | Yes | Clay like behavior | |
| Fines correction method: | B&I (2014) | G.W.T. (earthq.): | 12.00 ft | Excavation depth: | 12.00 ft | applied: | Sands only |
| Points to test: | Based on Ic value | Average results interval: | 3 | Footing load: | 1.00 tsf | Limit depth applied: | No |
| Earthquake magnitude M_w : | 7.33 | Ic cut-off value: | 2.60 | Trans. detect. applied: | Yes | Limit depth: | N/A |
| Peak ground acceleration: | 1.01 | Unit weight calculation: | Based on SBT | K_v applied: | Yes | MSF method: | Method based |



Zone A₁: Cyclic liquefaction likely depending on size and duration of cyclic loading
 Zone A₂: 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

CPT basic interpretation plots



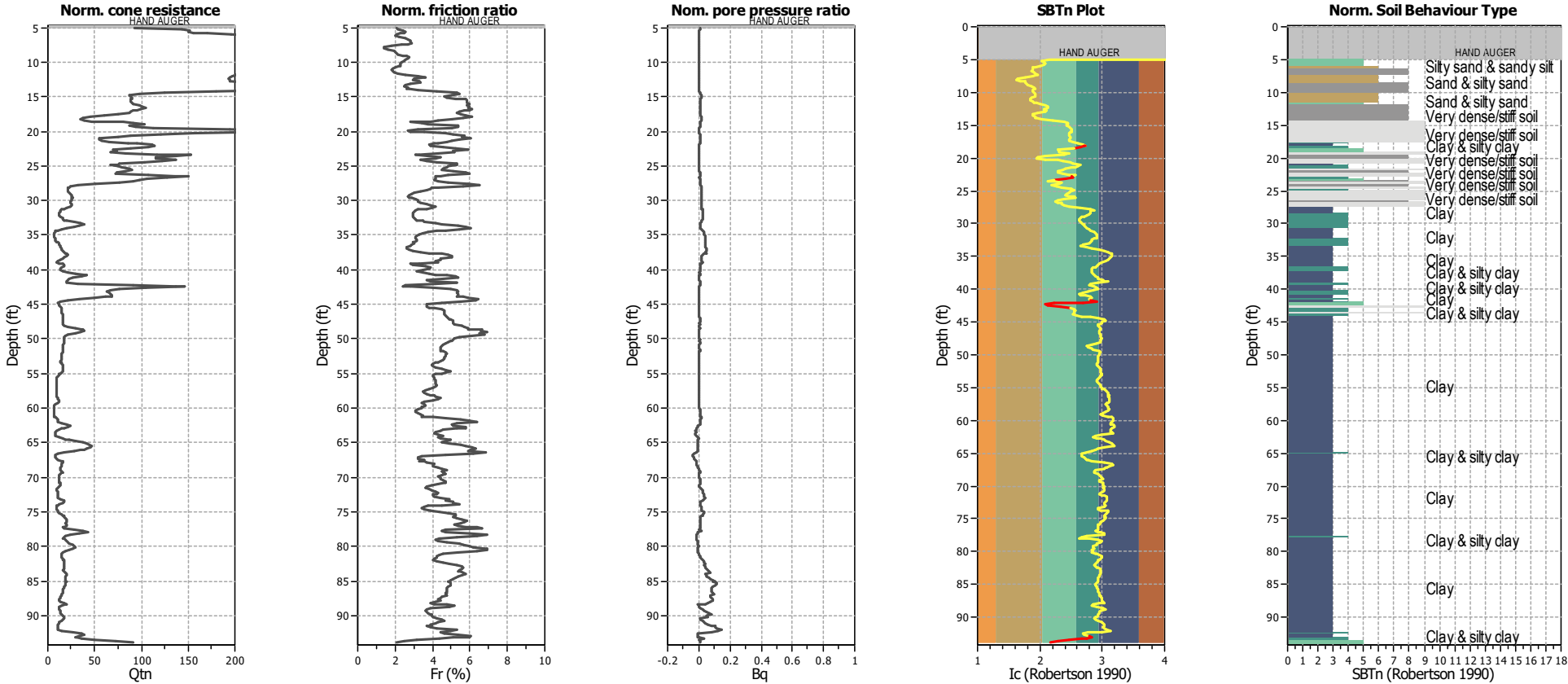
Input parameters and analysis data

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

CPT basic interpretation plots (normalized)



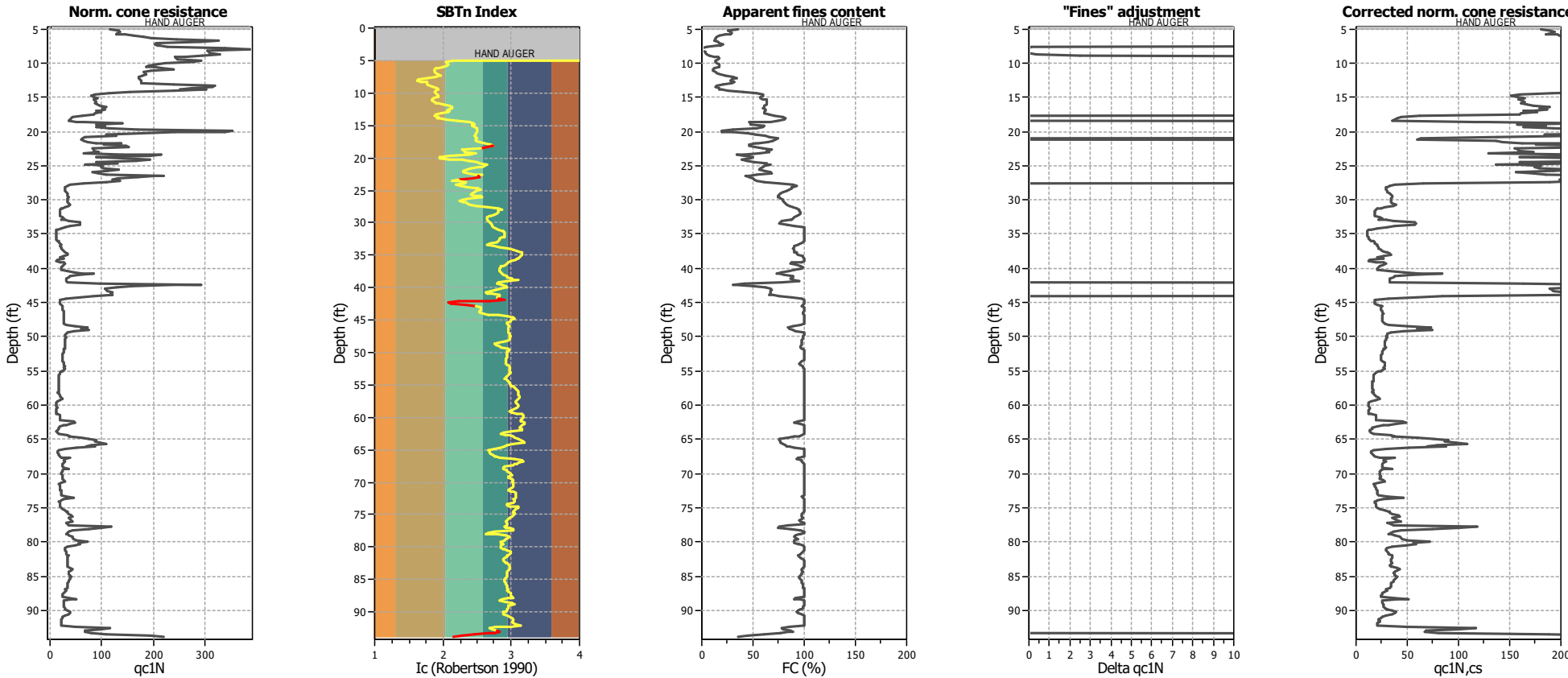
Input parameters and analysis data

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

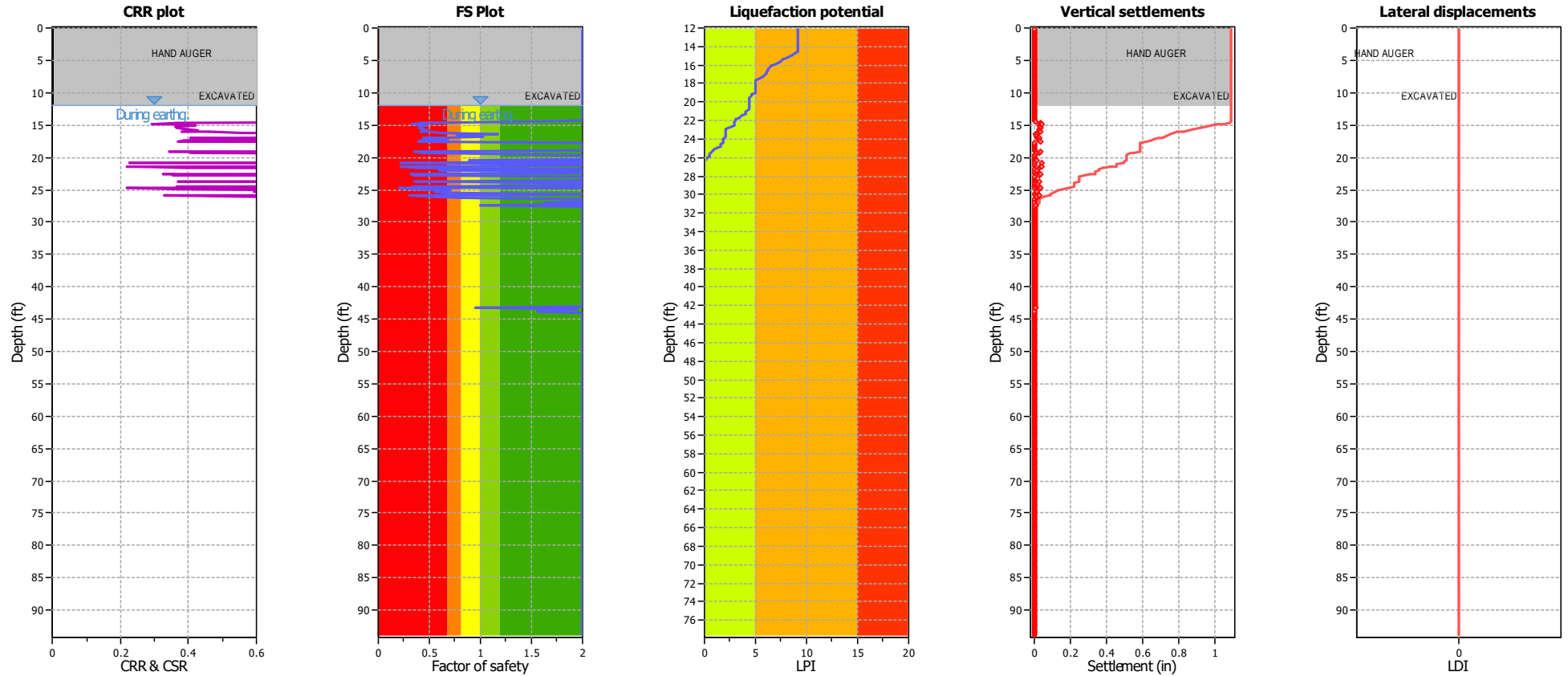
Liquefaction analysis overall plots (intermediate results)



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 _c 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 |

Liquefaction analysis overall plots



Input parameters and analysis data

| | | | | | |
|---------------------------------------|-------------------------------|-------------------------------|--------------|-----------------------------|------------|
| Analysis method: | B&I (2014) | Depth to GWT (earthq.): | 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 I _c value | I _c 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 |

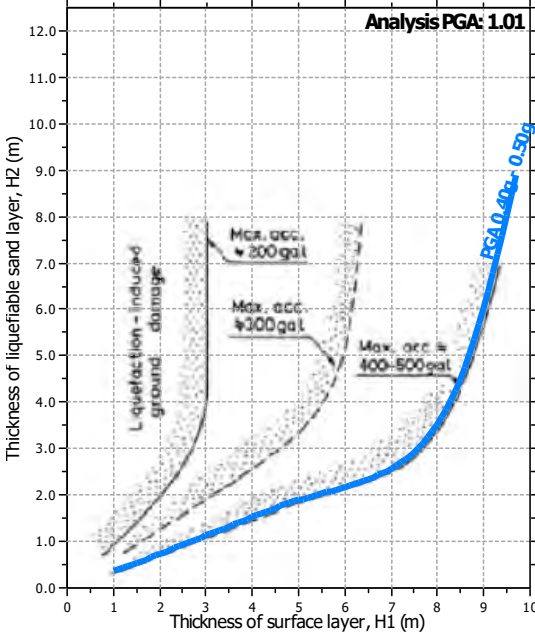
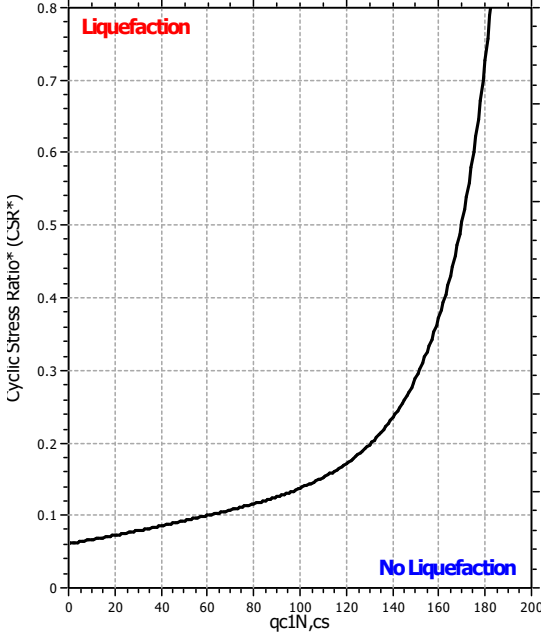
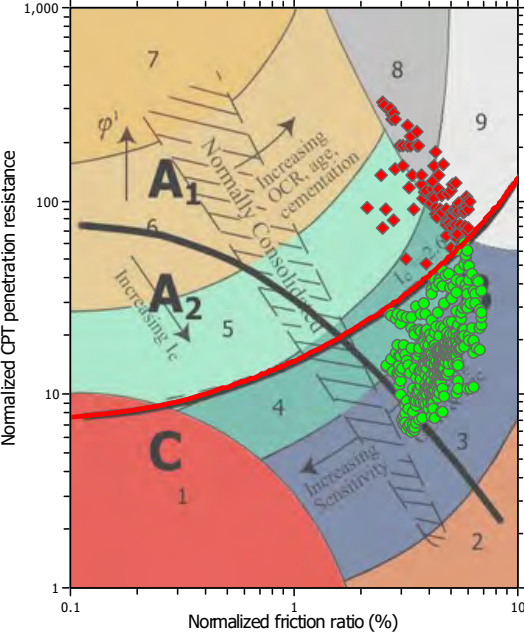
F.S. color scheme

- 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

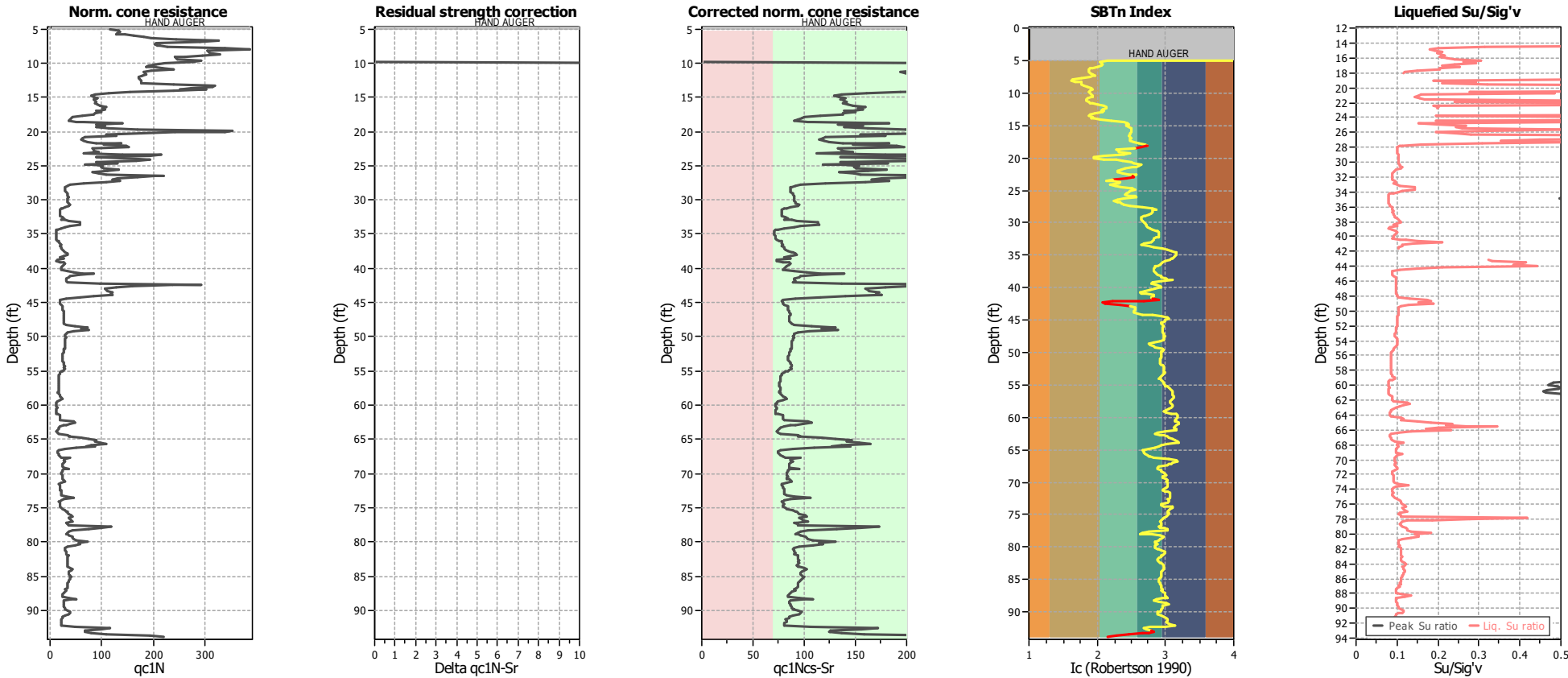


Input parameters and analysis data

| | | | | | |
|---------------------------------------|-------------------|---------------------------|--------------|-----------------------------|------------|
| 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 _c 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 _c 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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Berkeley, CA 94710

LIQUEFACTION ANALYSIS REPORT

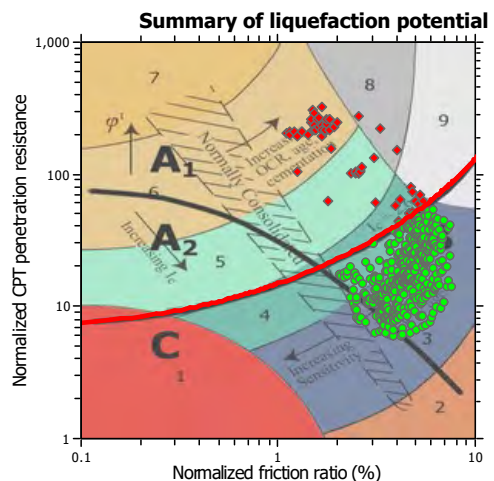
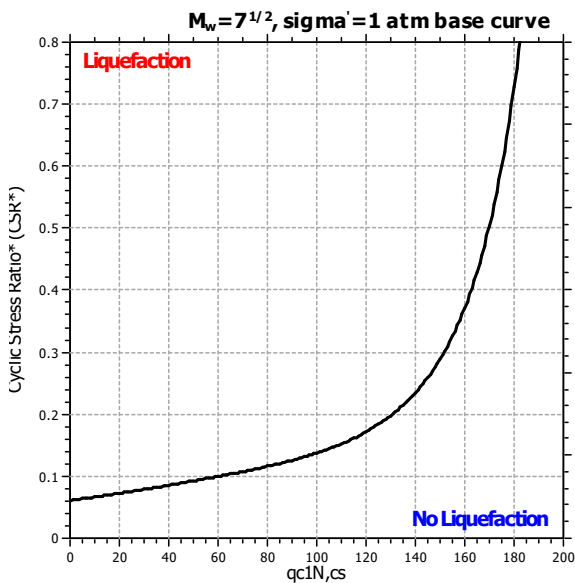
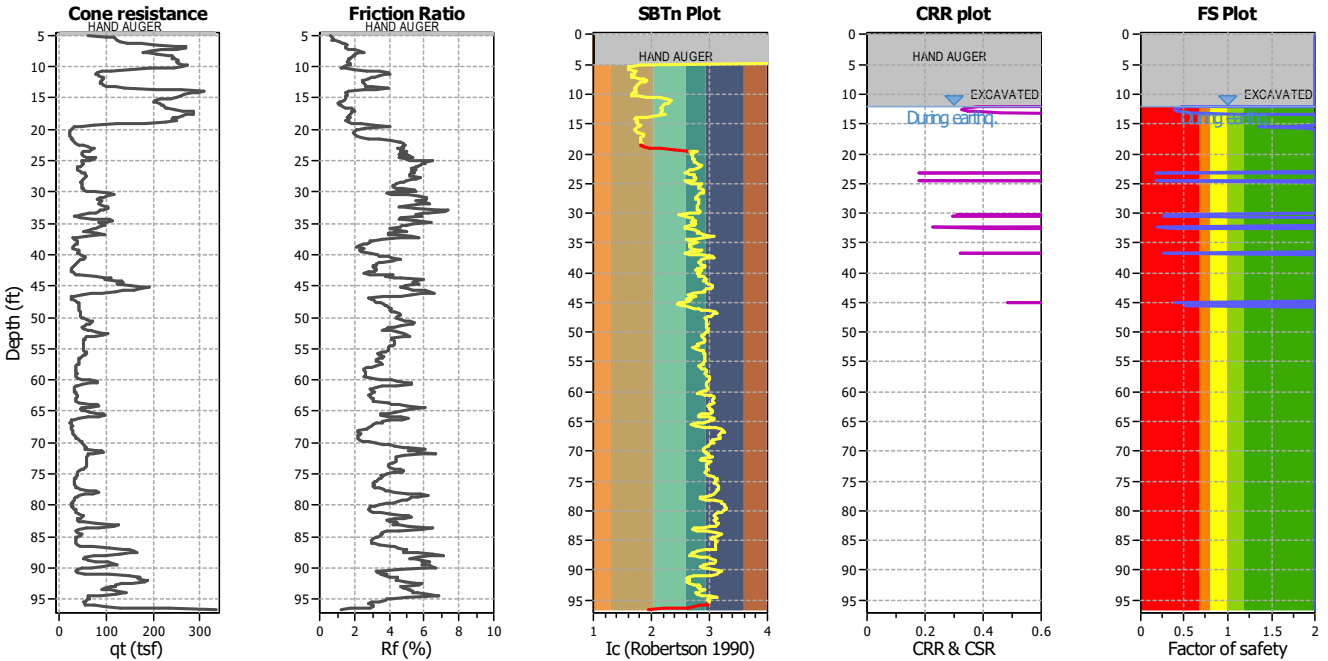
Project title : 1114-10A - Berkeley Plaza

Location :

CPT file : CPT-3

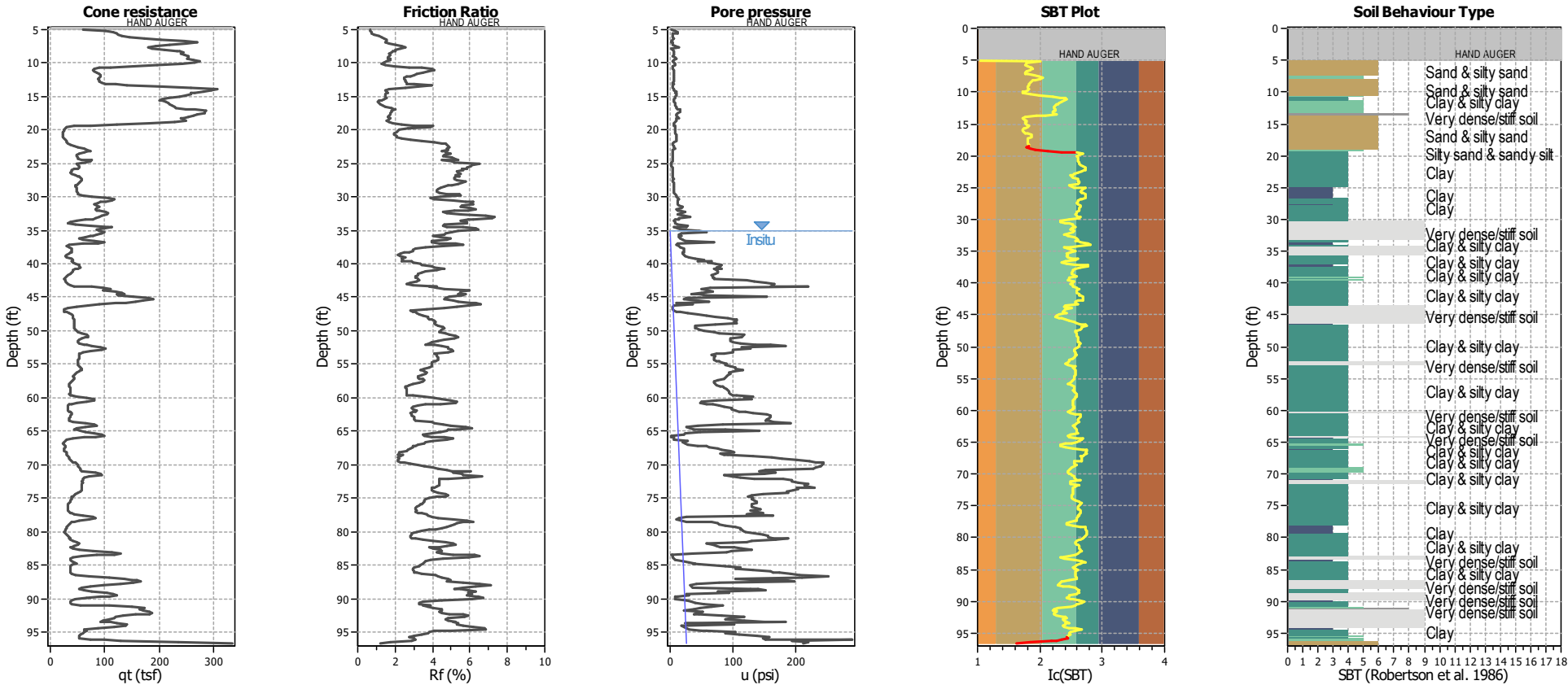
Input parameters and analysis data

| | | | | | | | |
|------------------------------|-------------------|---------------------------|--------------|-------------------------|----------|----------------------|--------------|
| Analysis method: | B&I (2014) | G.W.T. (in-situ): | 35.00 ft | Excavation: | Yes | Clay like behavior | |
| Fines correction method: | B&I (2014) | G.W.T. (earthq.): | 12.00 ft | Excavation depth: | 12.00 ft | applied: | Sands only |
| Points to test: | Based on Ic value | Average results interval: | 3 | Footing load: | 1.00 tsf | Limit depth applied: | No |
| Earthquake magnitude M_w : | 7.33 | Ic cut-off value: | 2.60 | Trans. detect. applied: | Yes | Limit depth: | N/A |
| Peak ground acceleration: | 1.01 | Unit weight calculation: | Based on SBT | K_v applied: | Yes | MSF method: | Method based |



Zone A₁: Cyclic liquefaction likely depending on size and duration of cyclic loading
 Zone A₂: 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

CPT basic interpretation plots



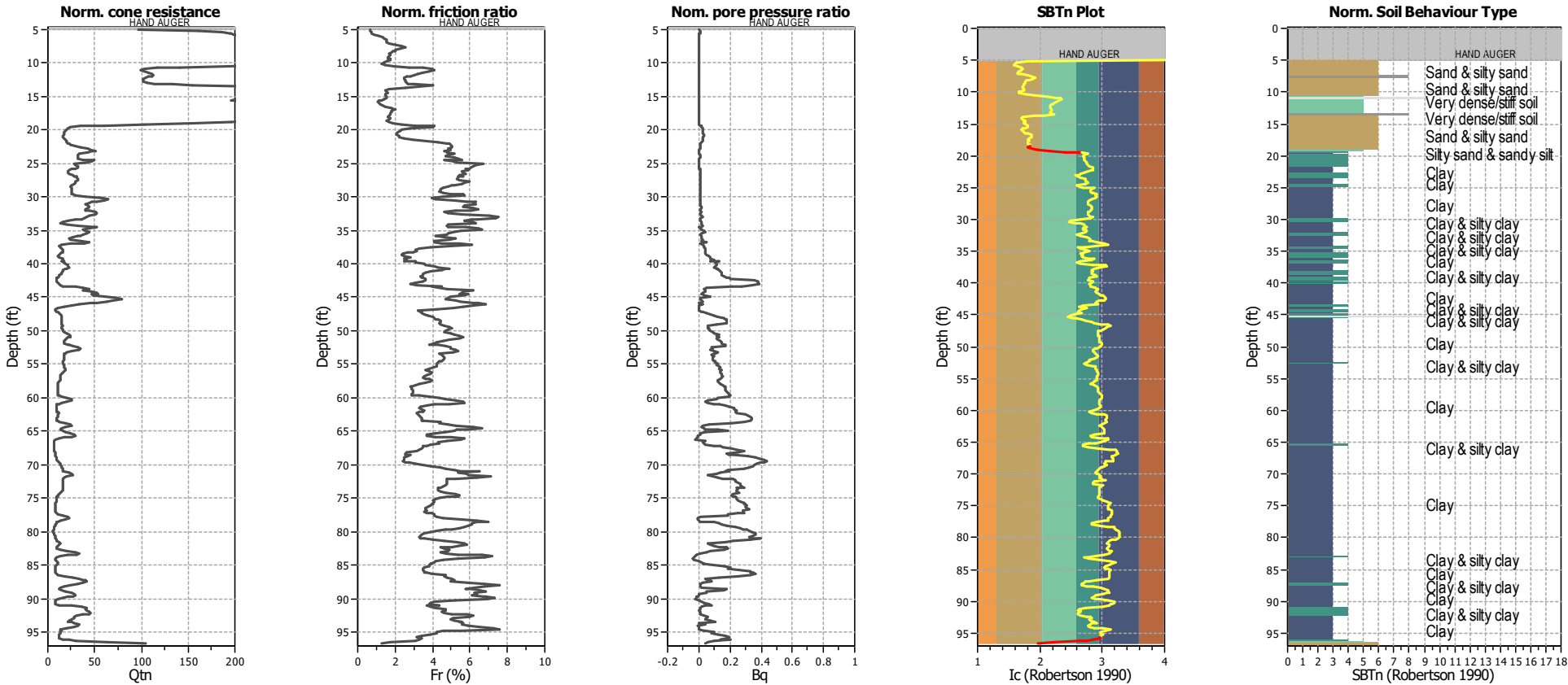
Input parameters and analysis data

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

CPT basic interpretation plots (normalized)



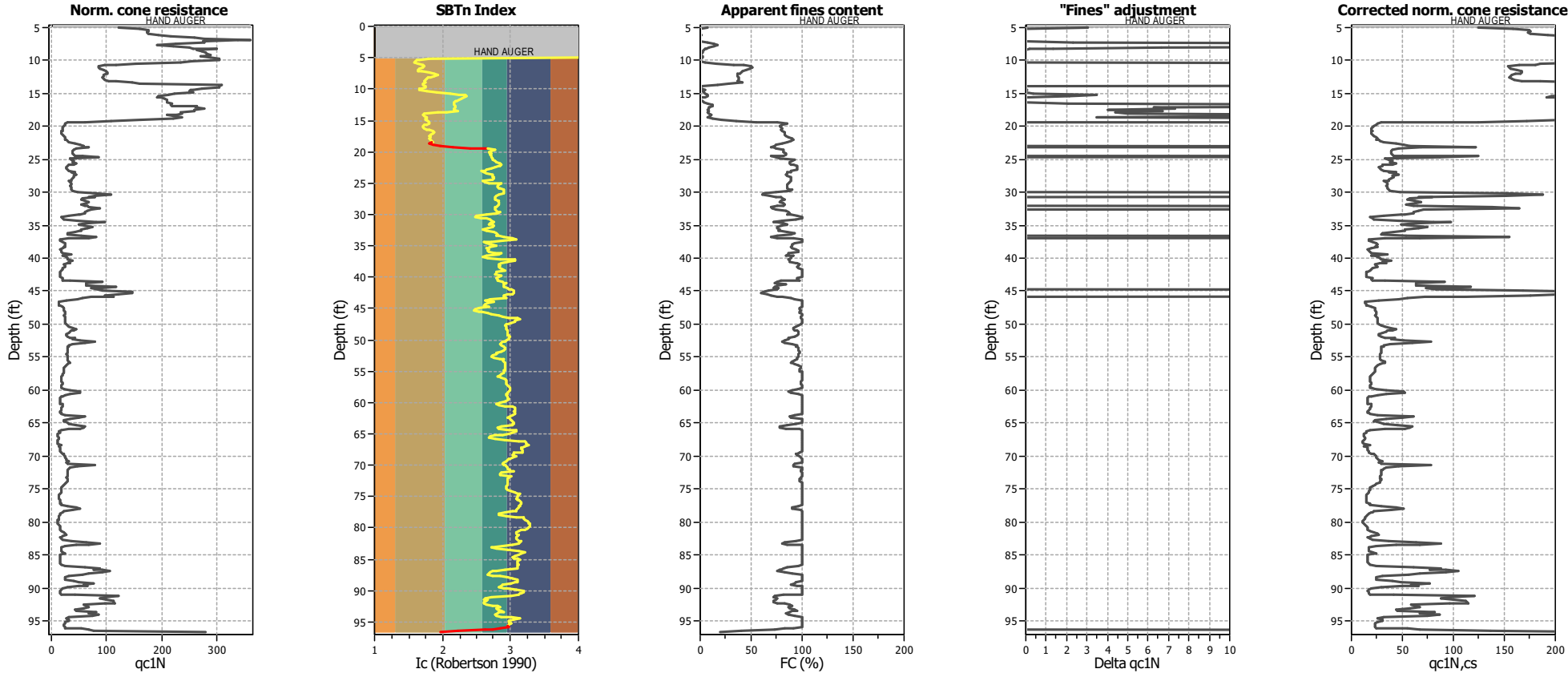
Input parameters and analysis data

| | | | | | |
|---------------------------------------|-------------------------------|-------------------------------|--------------|-----------------------------|------------|
| 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 I _c value | I _c 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 | 4. Clayey silt to silty | 7. Gravely sand to sand |
| 2. Organic material | 5. Silty sand to sandy silt | 8. Very stiff sand to |
| 3. Clay to silty clay | 6. Clean sand to silty sand | 9. Very stiff fine grained |

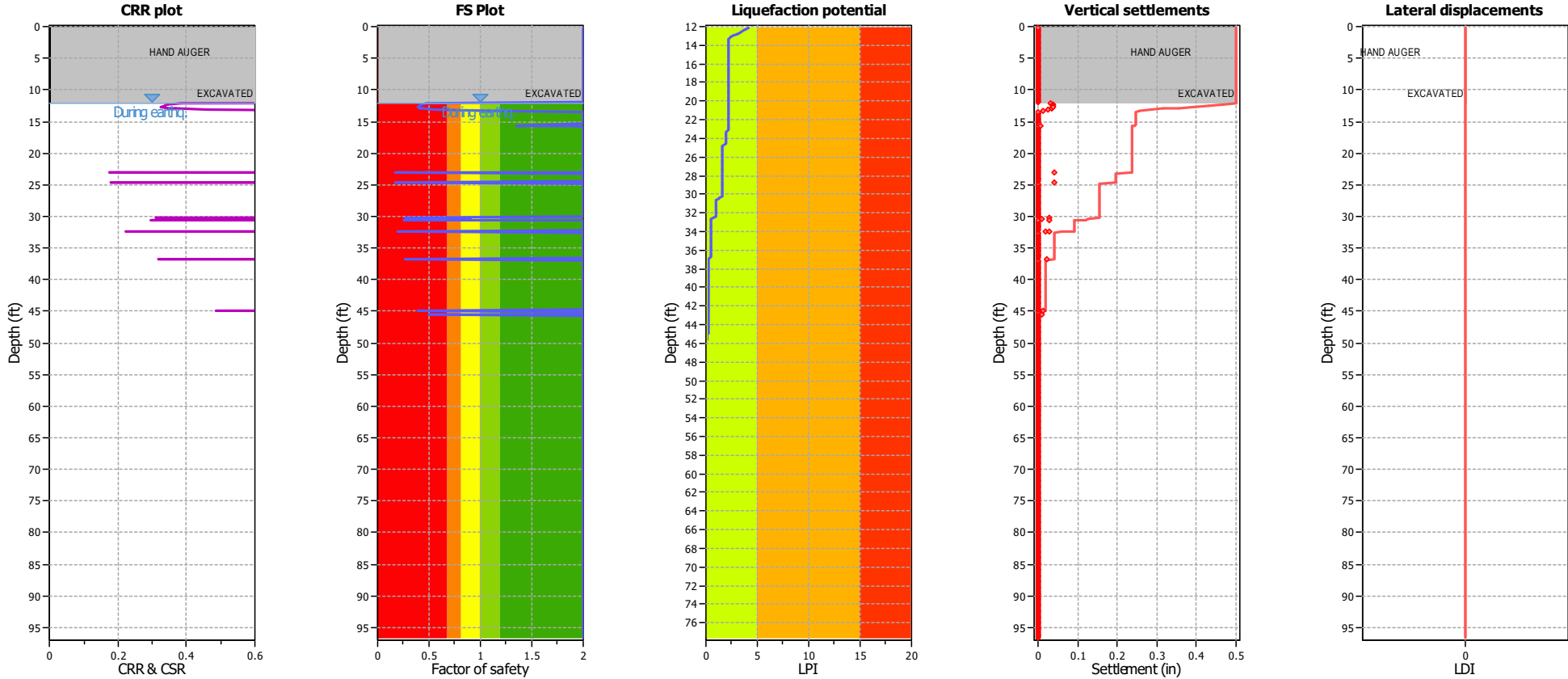
Liquefaction analysis overall plots (intermediate results)



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 |

Liquefaction analysis overall plots



Input parameters and analysis data

| | | | | | |
|---------------------------------------|-------------------------------|-------------------------------|--------------|-----------------------------|------------|
| Analysis method: | B&I (2014) | Depth to GWT (earthq.): | 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 I _c value | I _c 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 |

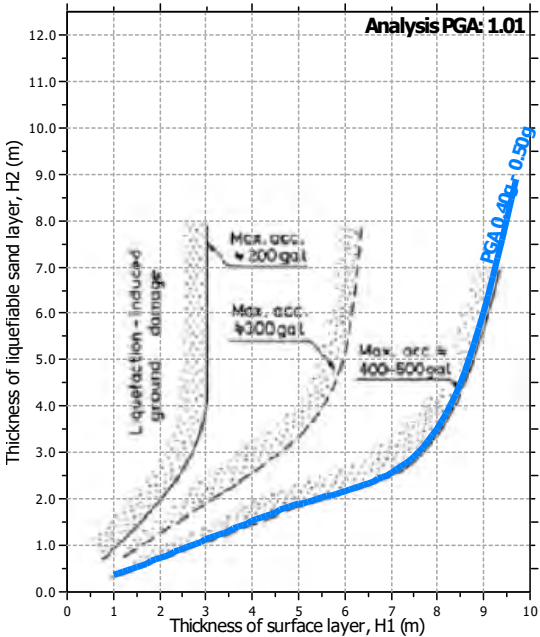
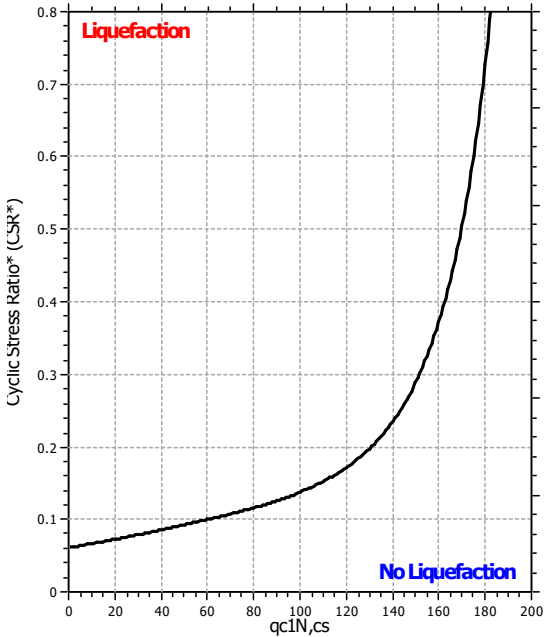
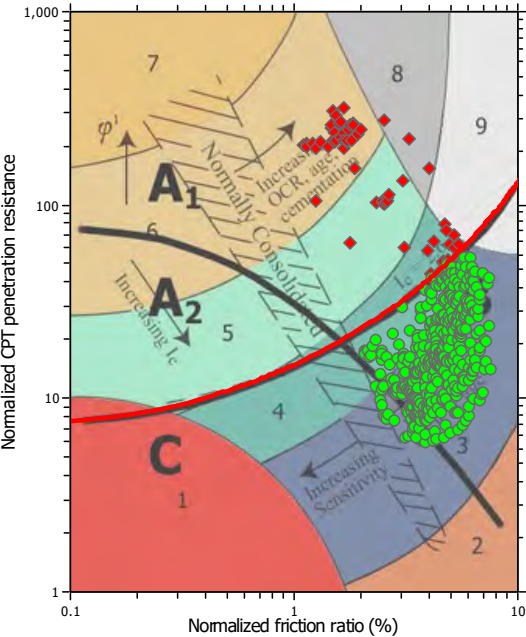
F.S. color scheme

- 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

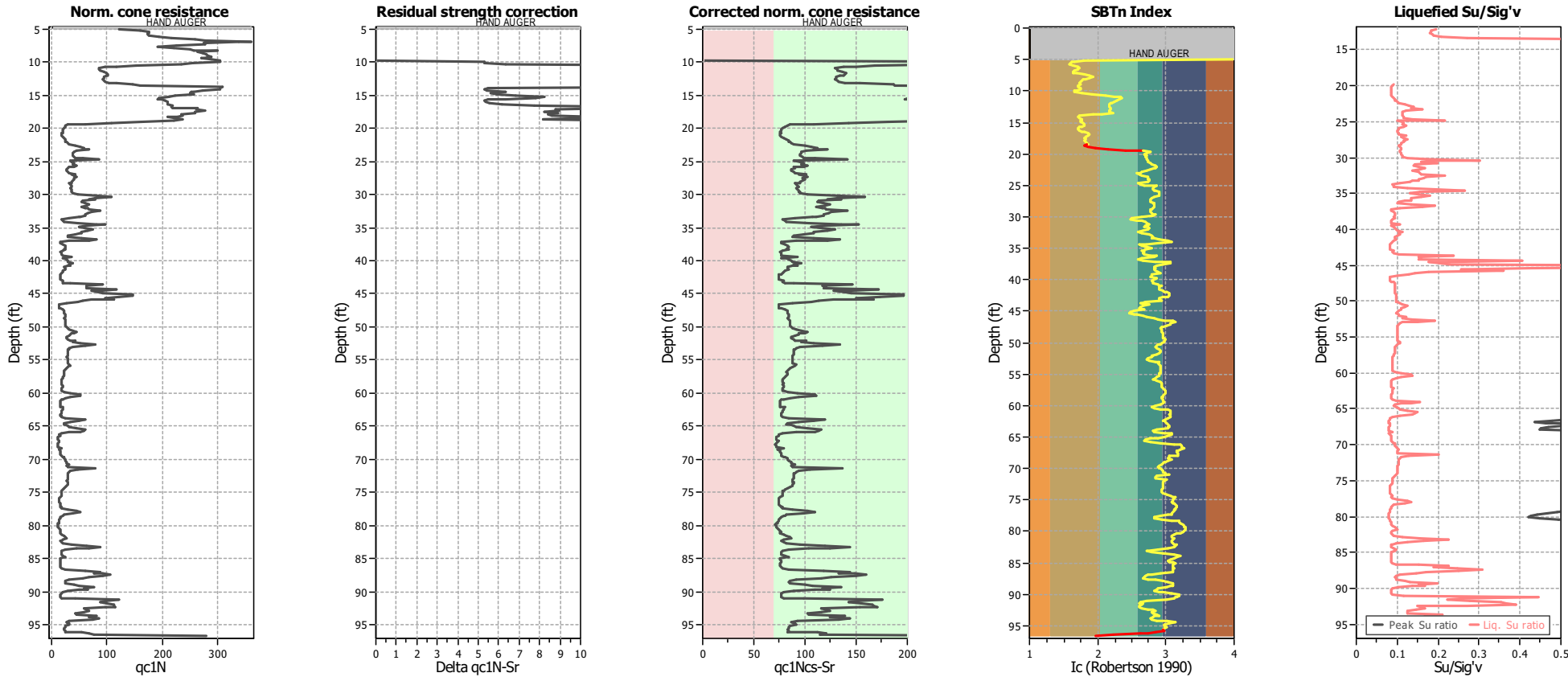


Input parameters and analysis data

| | | | | | |
|---------------------------------------|-------------------|---------------------------|--------------|-----------------------------|------------|
| 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 _c 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 _c 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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Berkeley, CA 94710

LIQUEFACTION ANALYSIS REPORT

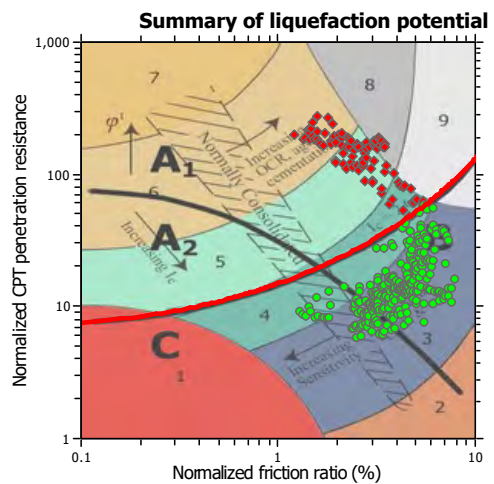
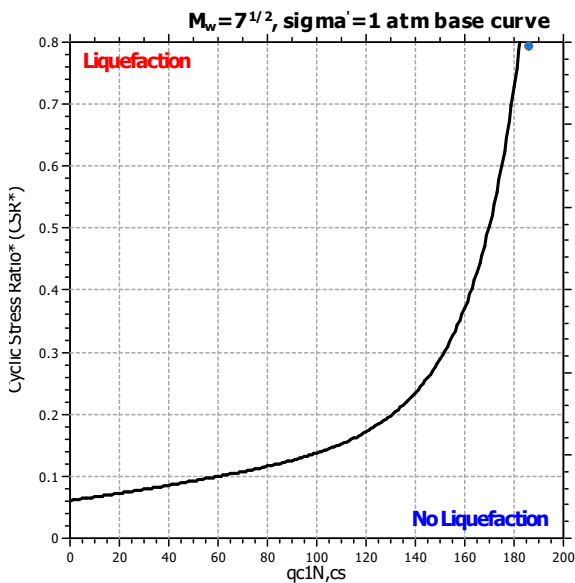
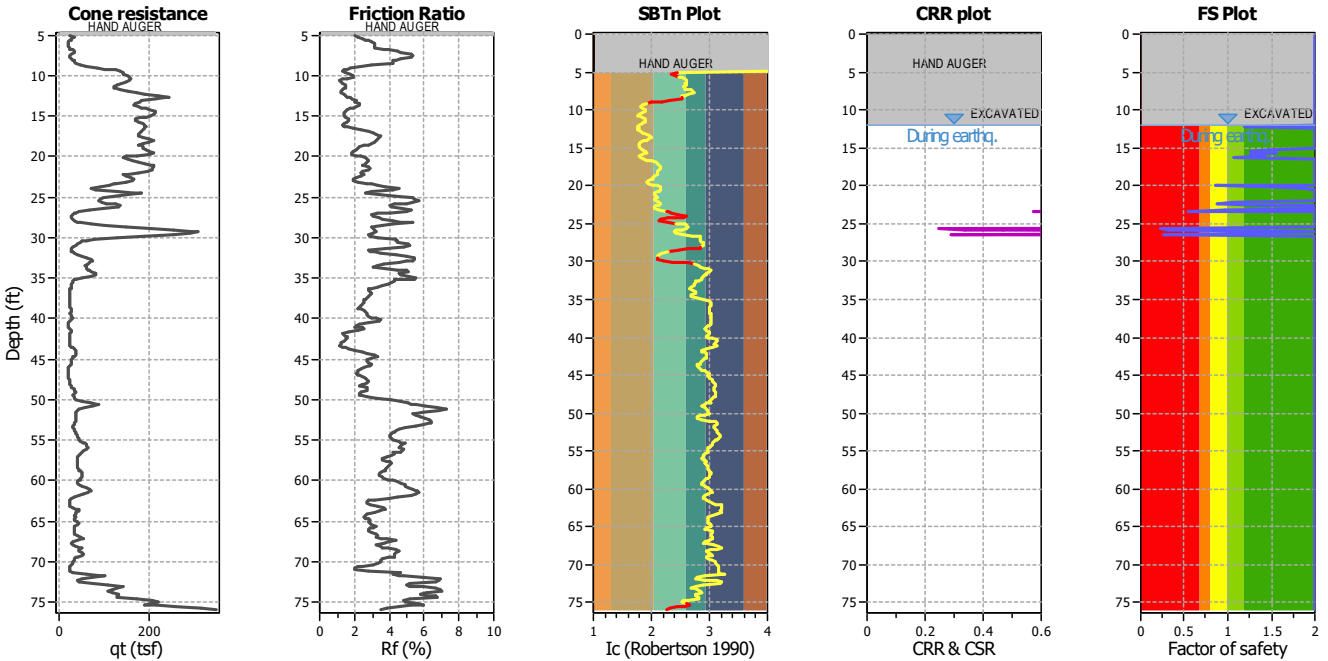
Project title : 1114-10A - Berkeley Plaza

Location :

CPT file : CPT-4

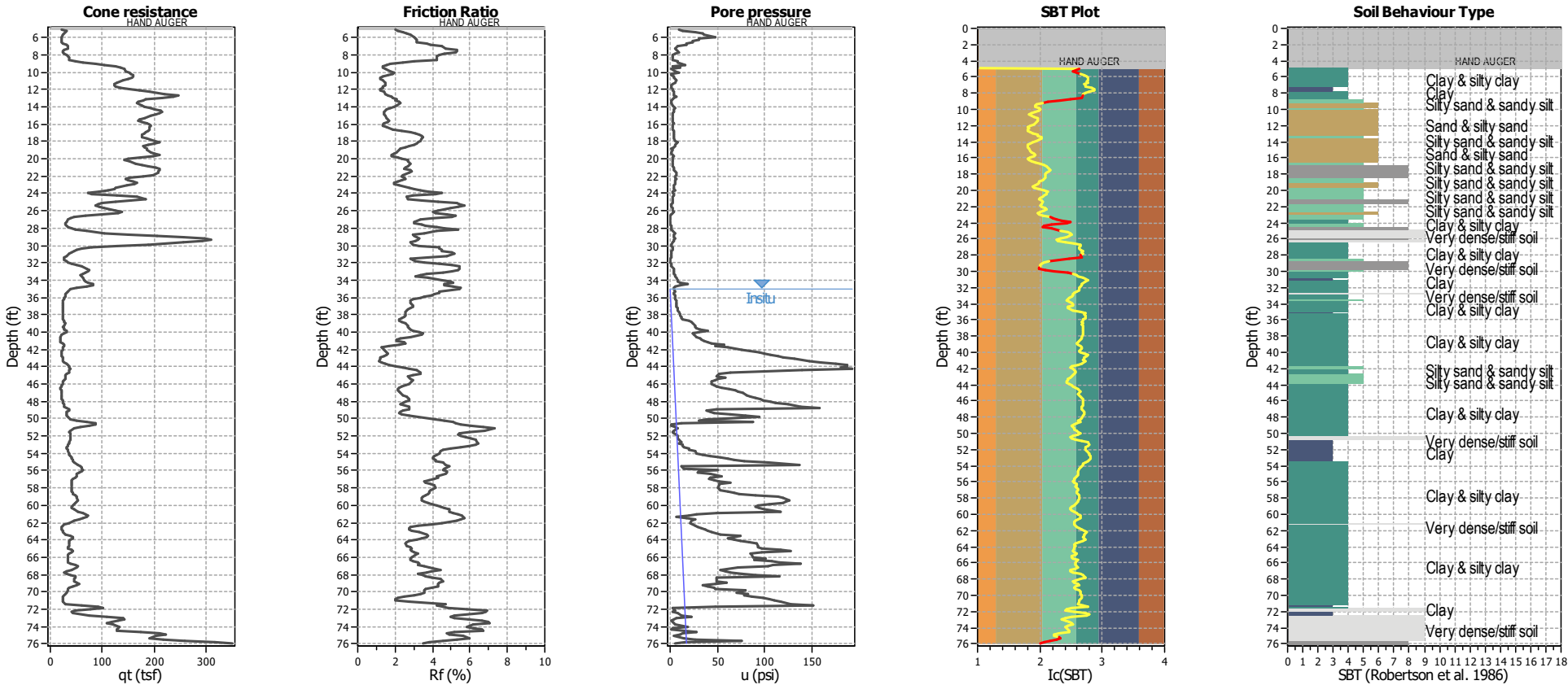
Input parameters and analysis data

| | | | | | | | |
|------------------------------|-------------------|---------------------------|--------------|-------------------------|----------|----------------------|--------------|
| Analysis method: | B&I (2014) | G.W.T. (in-situ): | 35.00 ft | Excavation: | Yes | Clay like behavior | |
| Fines correction method: | B&I (2014) | G.W.T. (earthq.): | 12.00 ft | Excavation depth: | 12.00 ft | applied: | Sands only |
| Points to test: | Based on Ic value | Average results interval: | 3 | Footing load: | 1.00 tsf | Limit depth applied: | No |
| Earthquake magnitude M_w : | 7.33 | Ic cut-off value: | 2.60 | Trans. detect. applied: | Yes | Limit depth: | N/A |
| Peak ground acceleration: | 1.01 | Unit weight calculation: | Based on SBT | K_v applied: | Yes | MSF method: | Method based |



Zone A₁: Cyclic liquefaction likely depending on size and duration of cyclic loading
 Zone A₂: 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

CPT basic interpretation plots



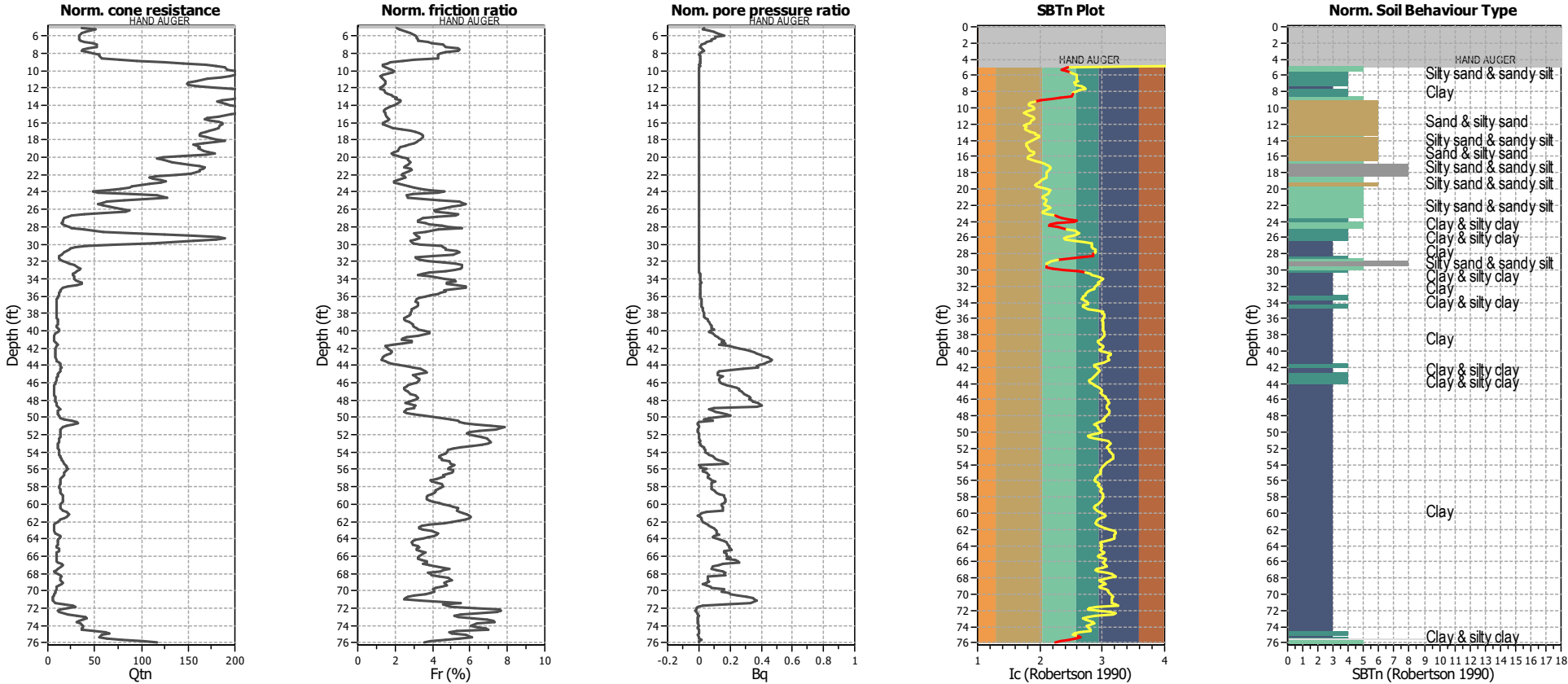
Input parameters and analysis data

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

CPT basic interpretation plots (normalized)



Input parameters and analysis data

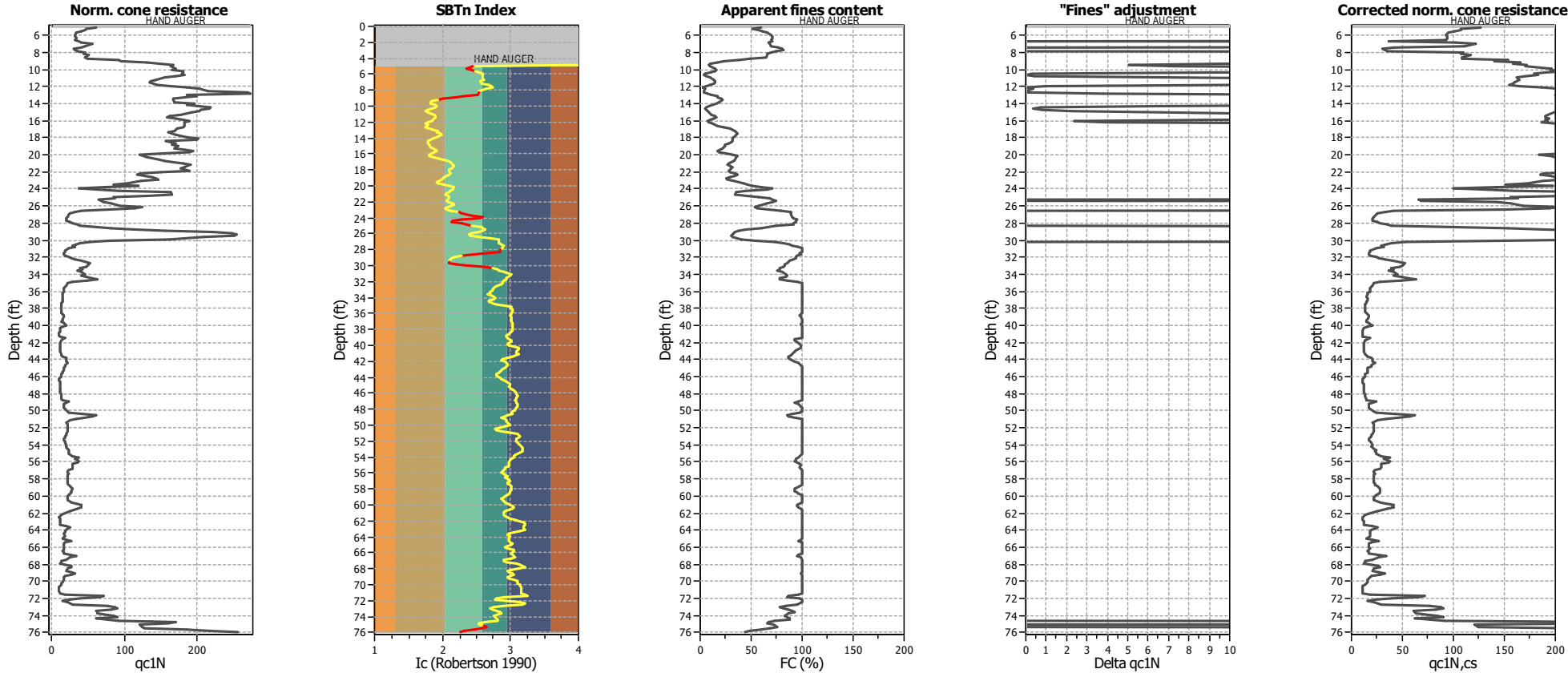
| | | | | | |
|---------------------------------------|-------------------|---------------------------|--------------|-----------------------------|------------|
| Analysis method: | B&I (2014) | Depth to GWT (erthq.): | 12.00 ft | Footing load: | 1.00 tsf |
| Fines correction method: | B&I (2014) | Average results interval: | 3 | Transition detect. applied: | Yes |
| Points to test: | Based on Ic value | Ic cut-off value: | 2.60 | K _c 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 | 4. Clayey silt to silty | 7. Gravely sand to sand |
| 2. Organic material | 5. Silty sand to sandy silt | 8. Very stiff sand to |
| 3. Clay to silty clay | 6. Clean sand to silty sand | 9. Very stiff fine grained |

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Liquefaction analysis overall plots (intermediate results)

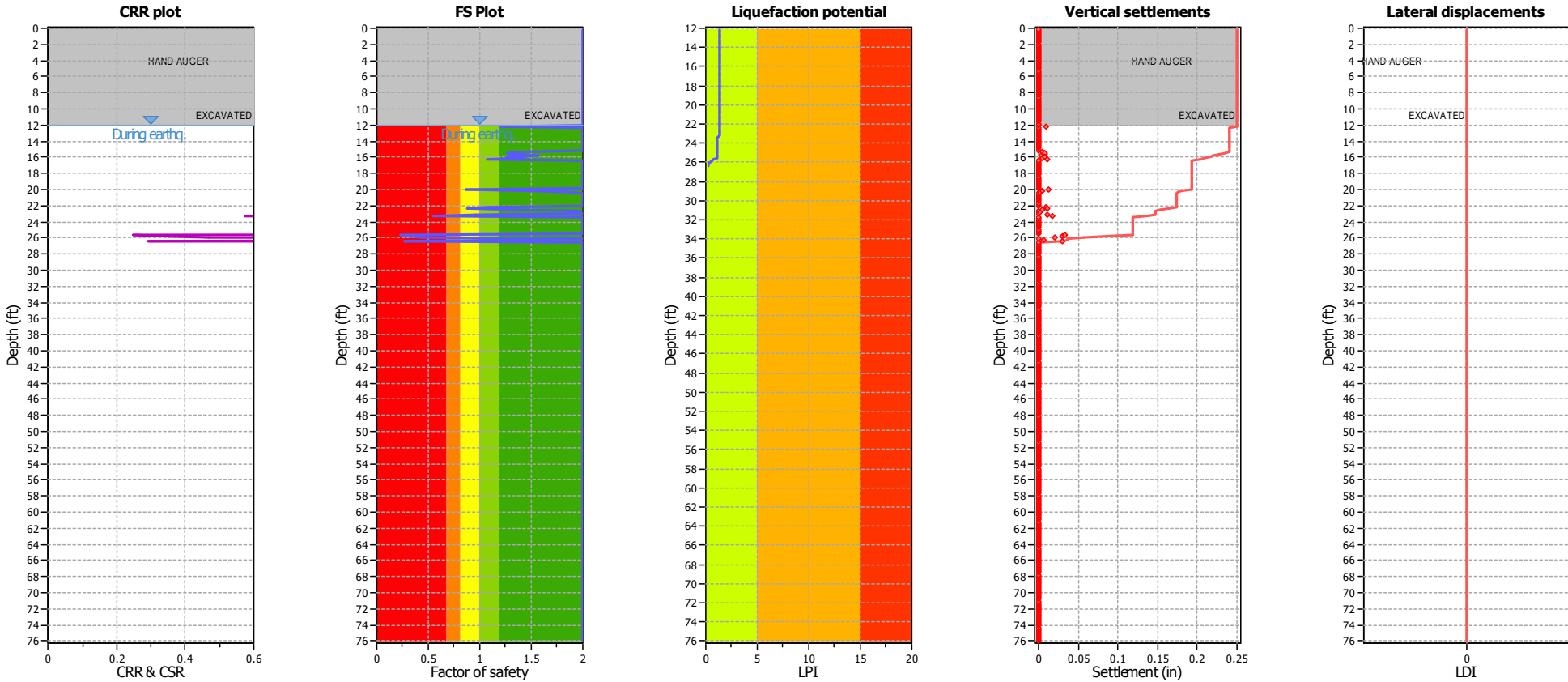


Input parameters and analysis data

| | | | | | |
|---------------------------------------|-------------------|---------------------------|--------------|-----------------------------|------------|
| 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 _c 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 (earthq.): | 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 I _c value | I _c 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 |

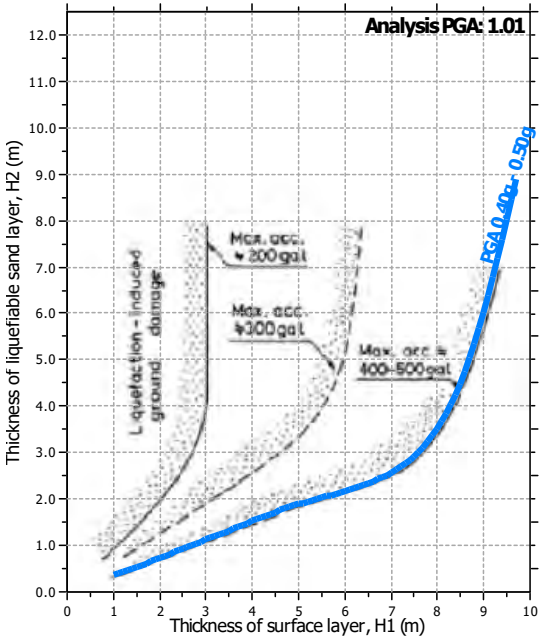
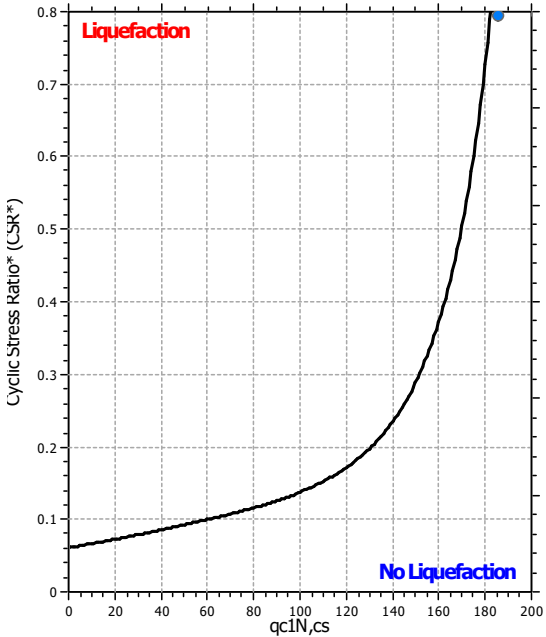
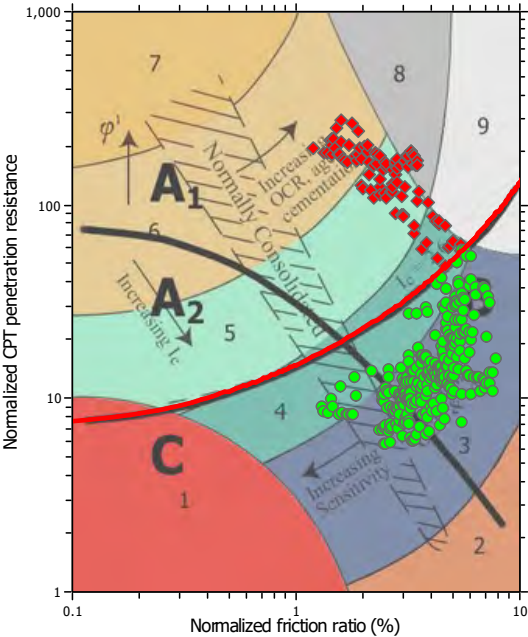
F.S. color scheme

- 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

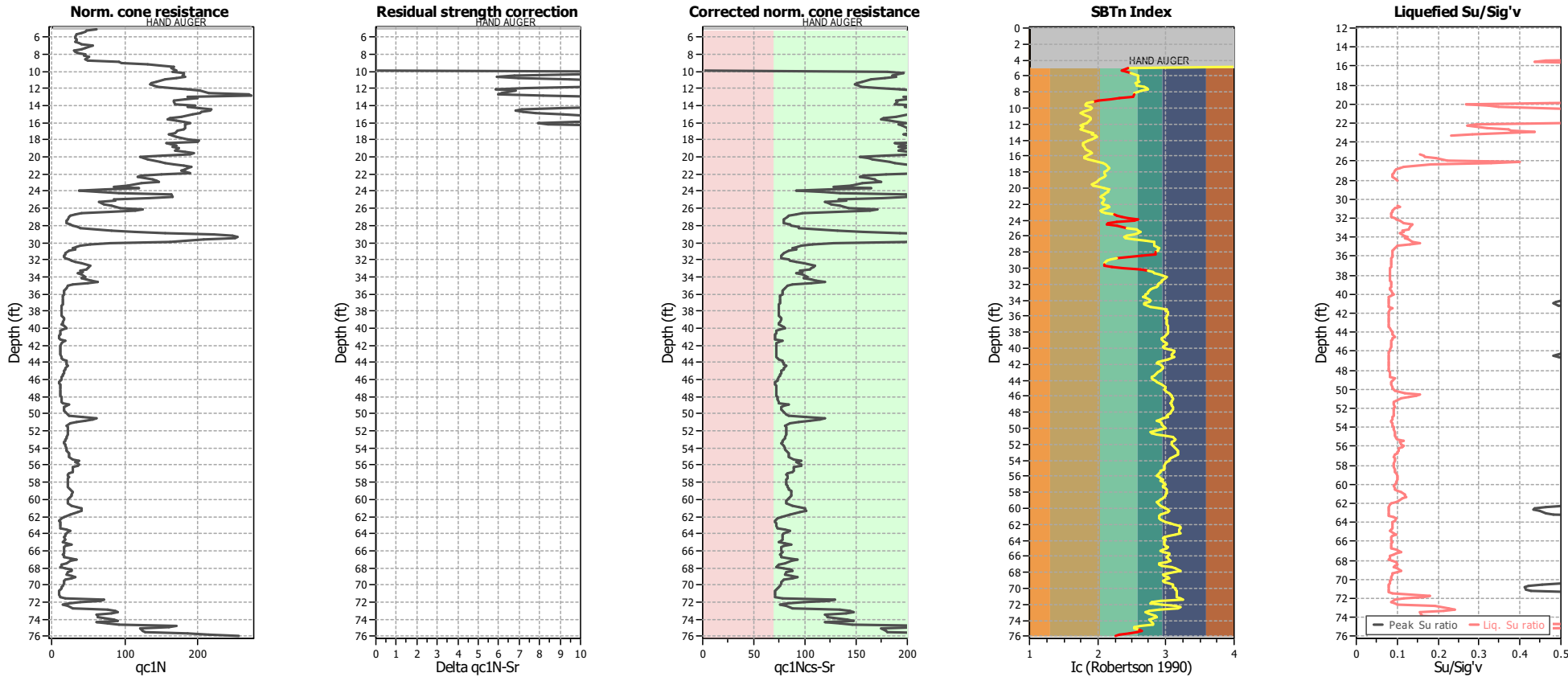


Input parameters and analysis data

| | | | | | |
|---------------------------------------|-------------------|---------------------------|--------------|-----------------------------|------------|
| 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 _c 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 _c 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

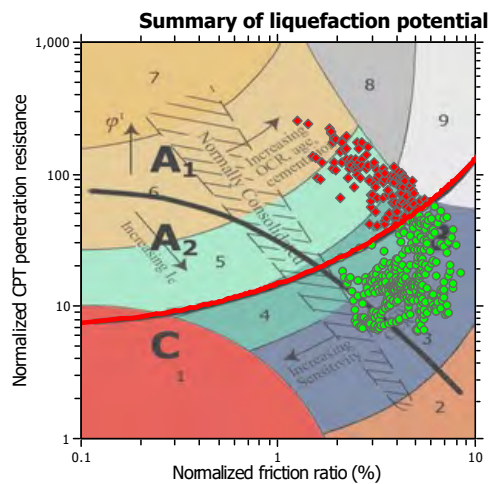
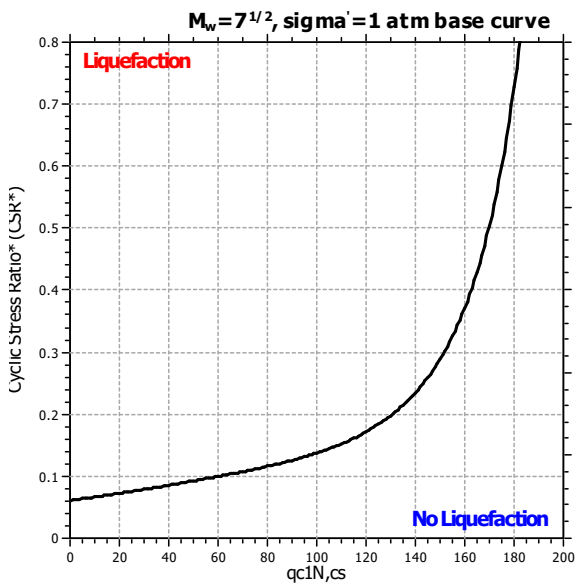
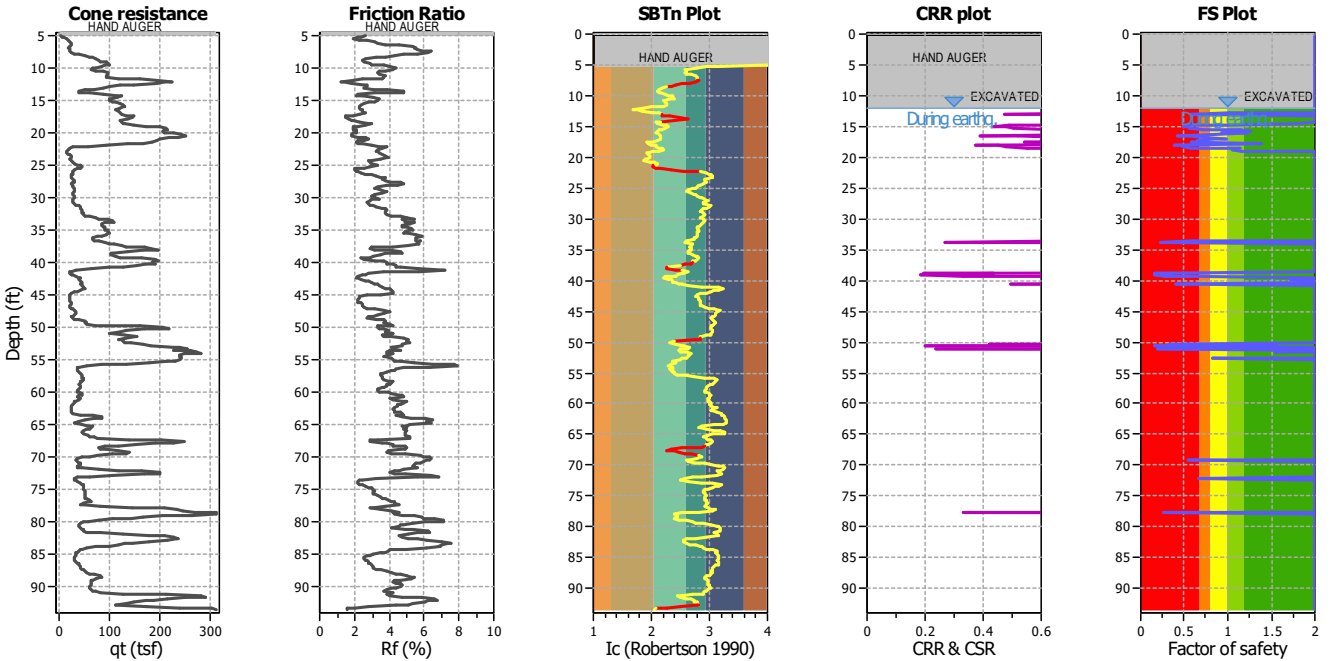
Project title : 1114-10A - Berkeley Plaza

Location :

CPT file : CPT-5

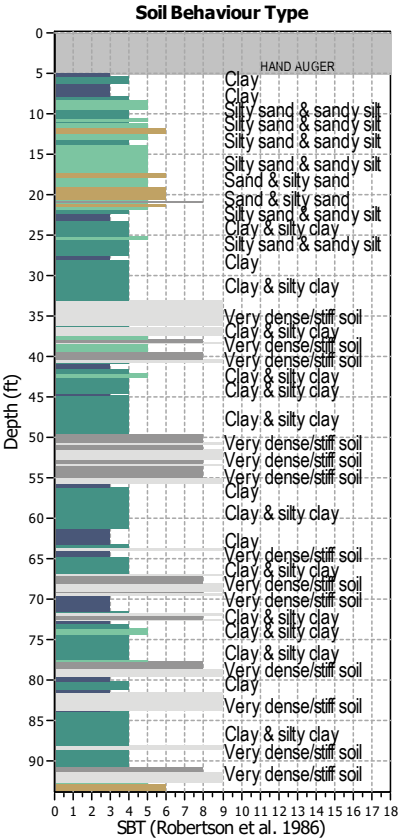
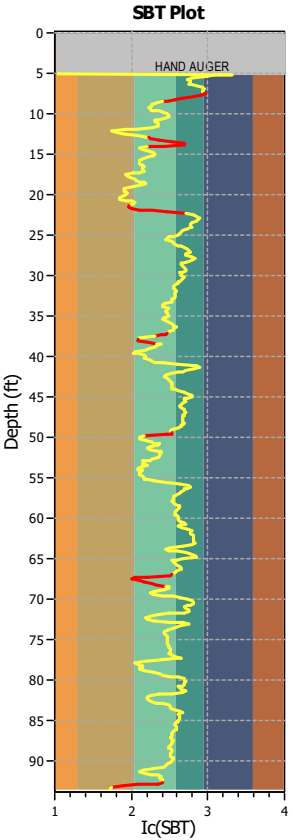
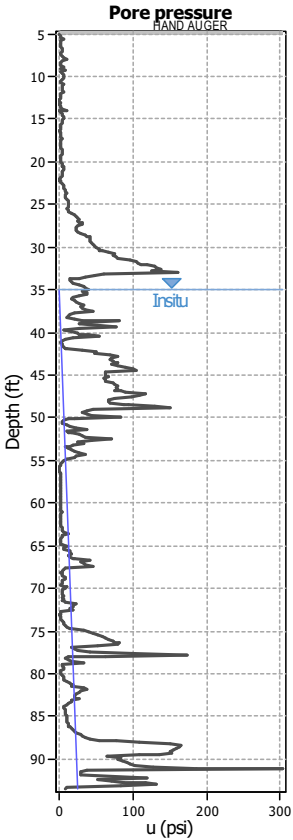
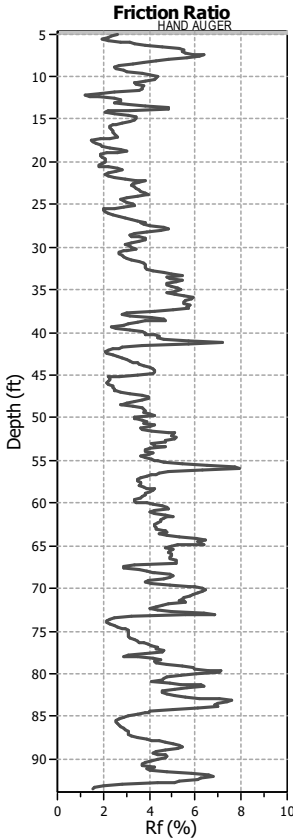
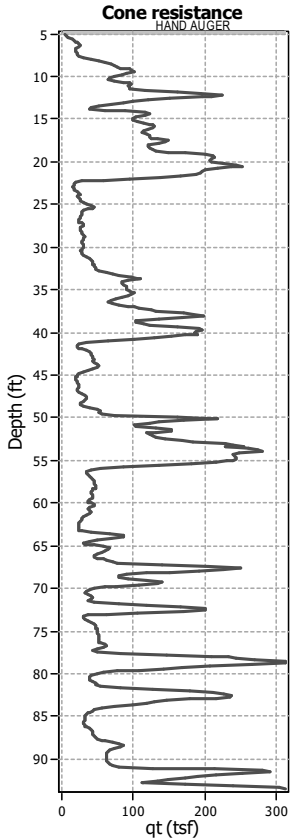
Input parameters and analysis data

| | | | | | | | |
|------------------------------|-------------------|---------------------------|--------------|-------------------------|----------|----------------------|--------------|
| Analysis method: | B&I (2014) | G.W.T. (in-situ): | 35.00 ft | Excavation: | Yes | Clay like behavior | |
| Fines correction method: | B&I (2014) | G.W.T. (earthq.): | 12.00 ft | Excavation depth: | 12.00 ft | applied: | Sands only |
| Points to test: | Based on Ic value | Average results interval: | 3 | Footing load: | 1.00 tsf | Limit depth applied: | No |
| Earthquake magnitude M_w : | 7.33 | Ic cut-off value: | 2.60 | Trans. detect. applied: | Yes | Limit depth: | N/A |
| Peak ground acceleration: | 1.01 | Unit weight calculation: | Based on SBT | K_0 applied: | Yes | MSF method: | Method based |



Zone A: Cyclic liquefaction likely depending on size and duration of cyclic loading
 Zone A2: 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

CPT basic interpretation plots



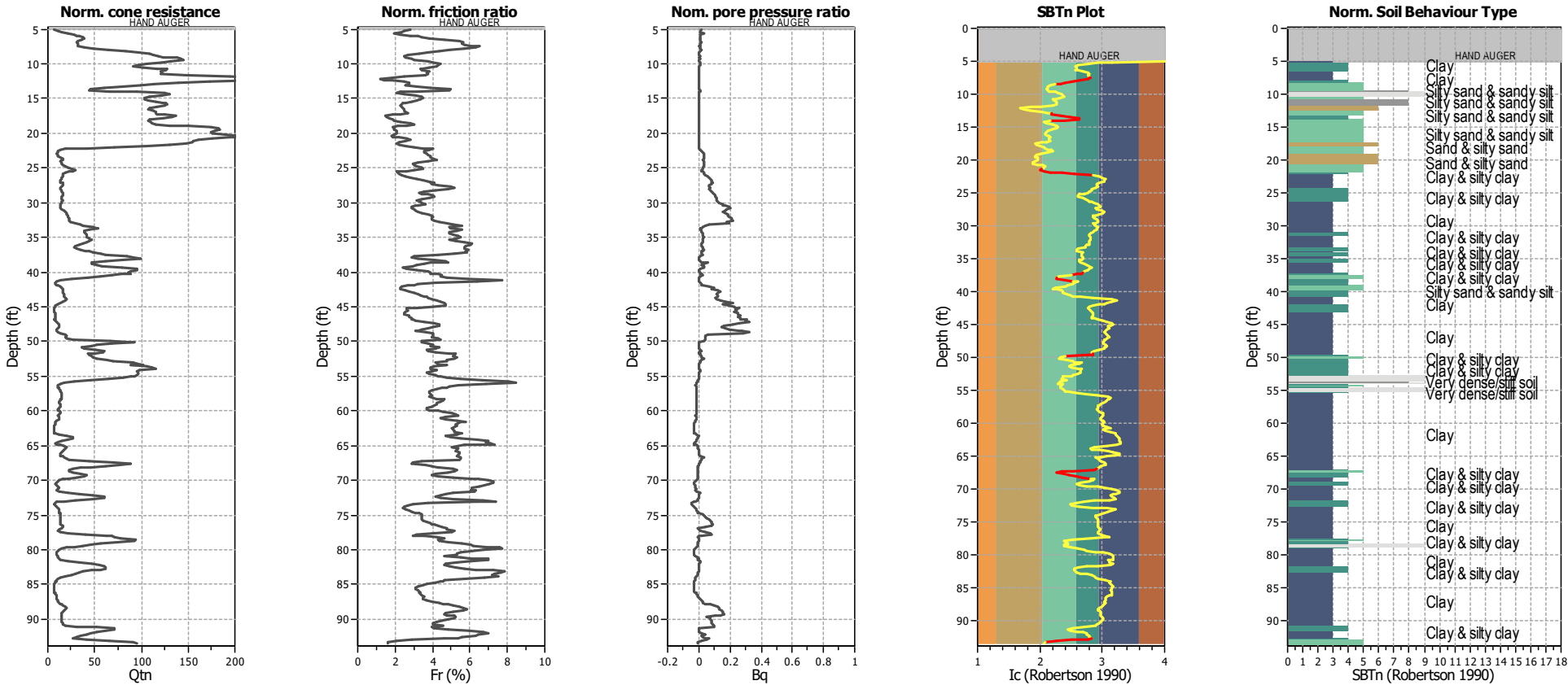
Input parameters and analysis data

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

CPT basic interpretation plots (normalized)



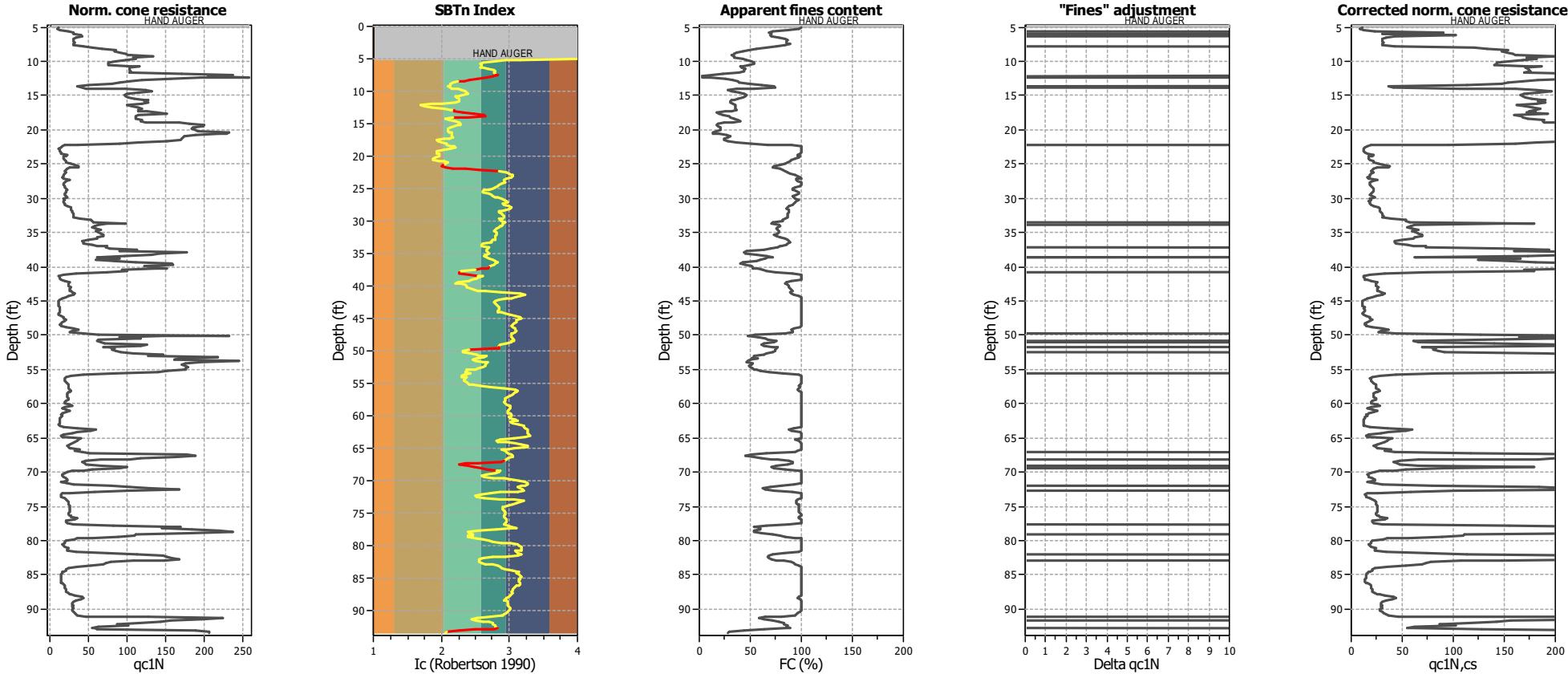
Input parameters and analysis data

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

Liquefaction analysis overall plots (intermediate results)

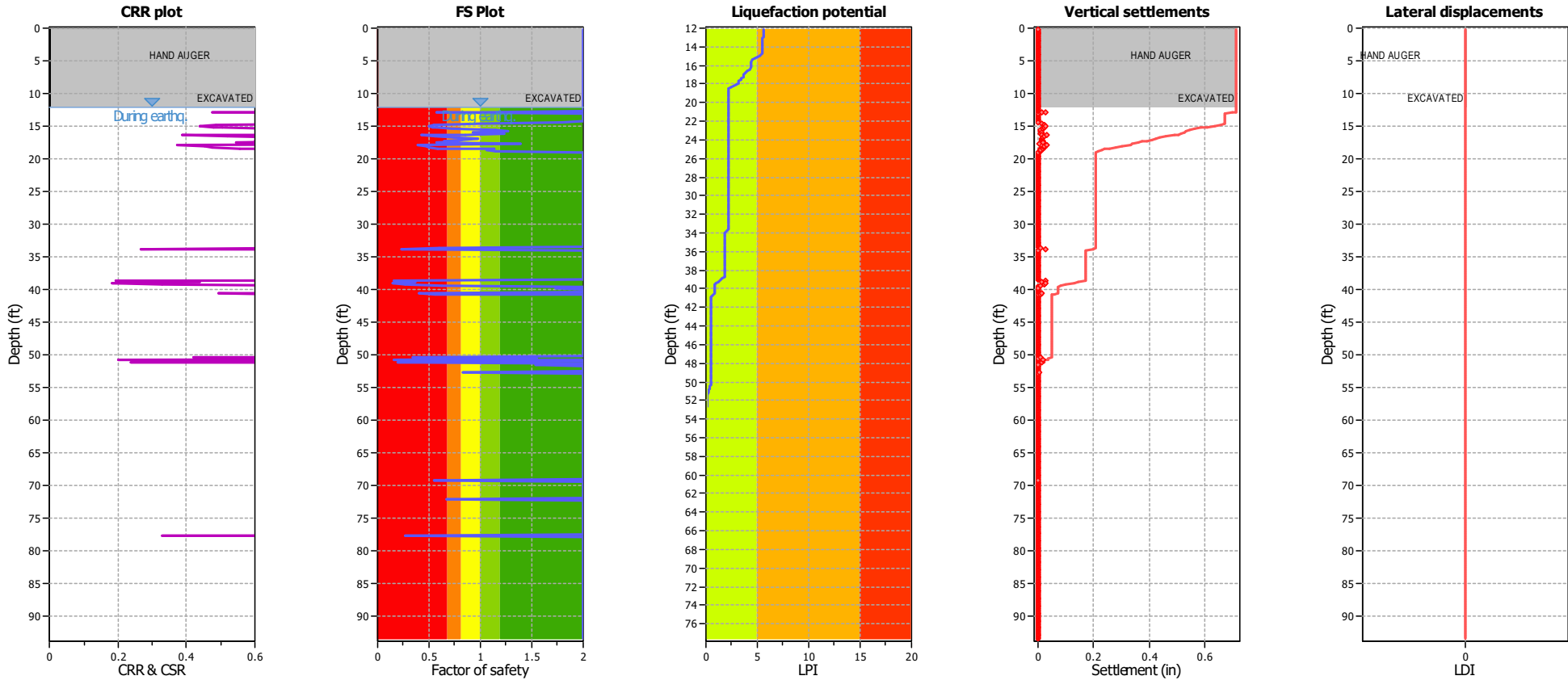


Input parameters and analysis data

| | | | | | |
|---------------------------------------|-------------------|---------------------------|--------------|-----------------------------|------------|
| 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 _c 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 I _c value | I _c 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 |

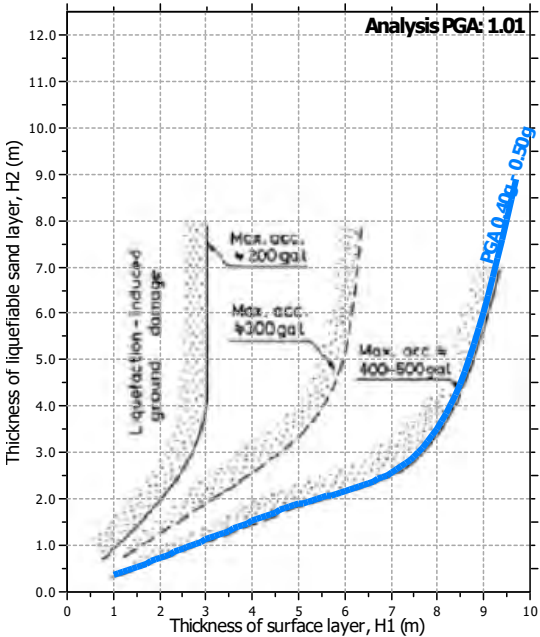
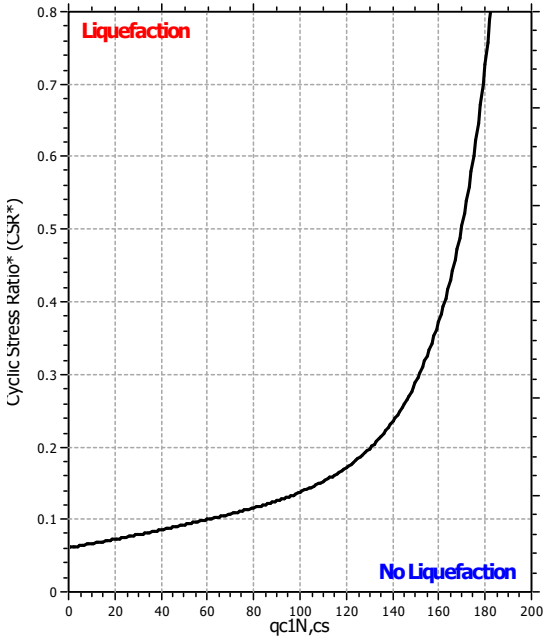
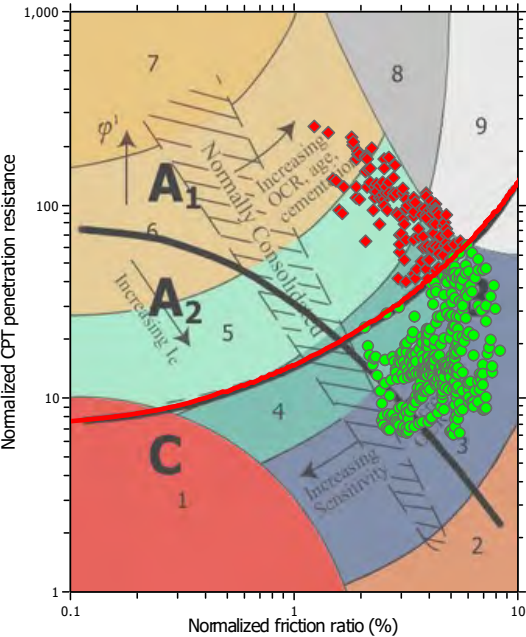
F.S. color scheme

- Almost certain it will liquefy
- Very likely to liquefy
- Liquefaction and no liq. are equally likely
- Unlikely to liquefy
- Almost certain it will not liquefy

LPI color scheme

- Very high risk
- High risk
- Low risk

Liquefaction analysis summary plots

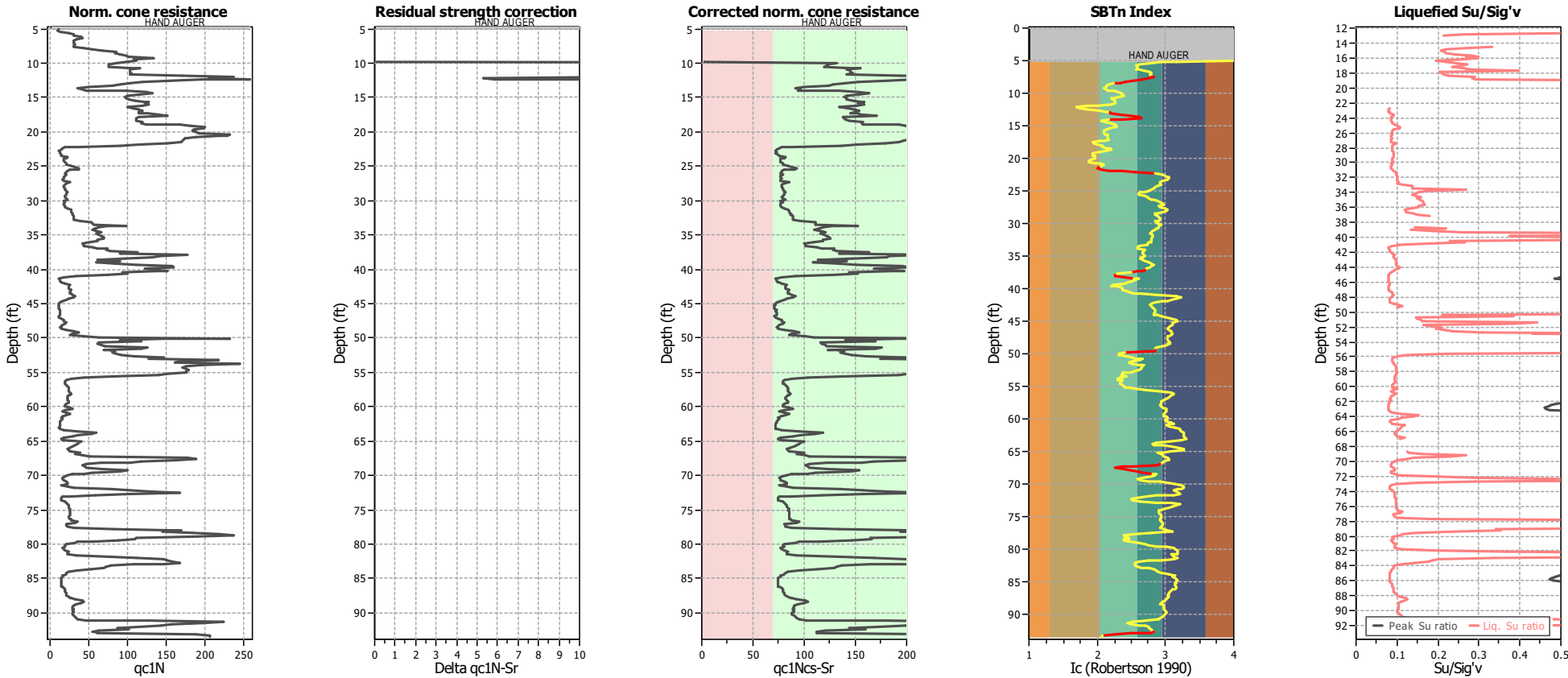


Input parameters and analysis data

| | | | | | |
|---------------------------------------|-------------------|---------------------------|--------------|-----------------------------|------------|
| 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 _c 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))

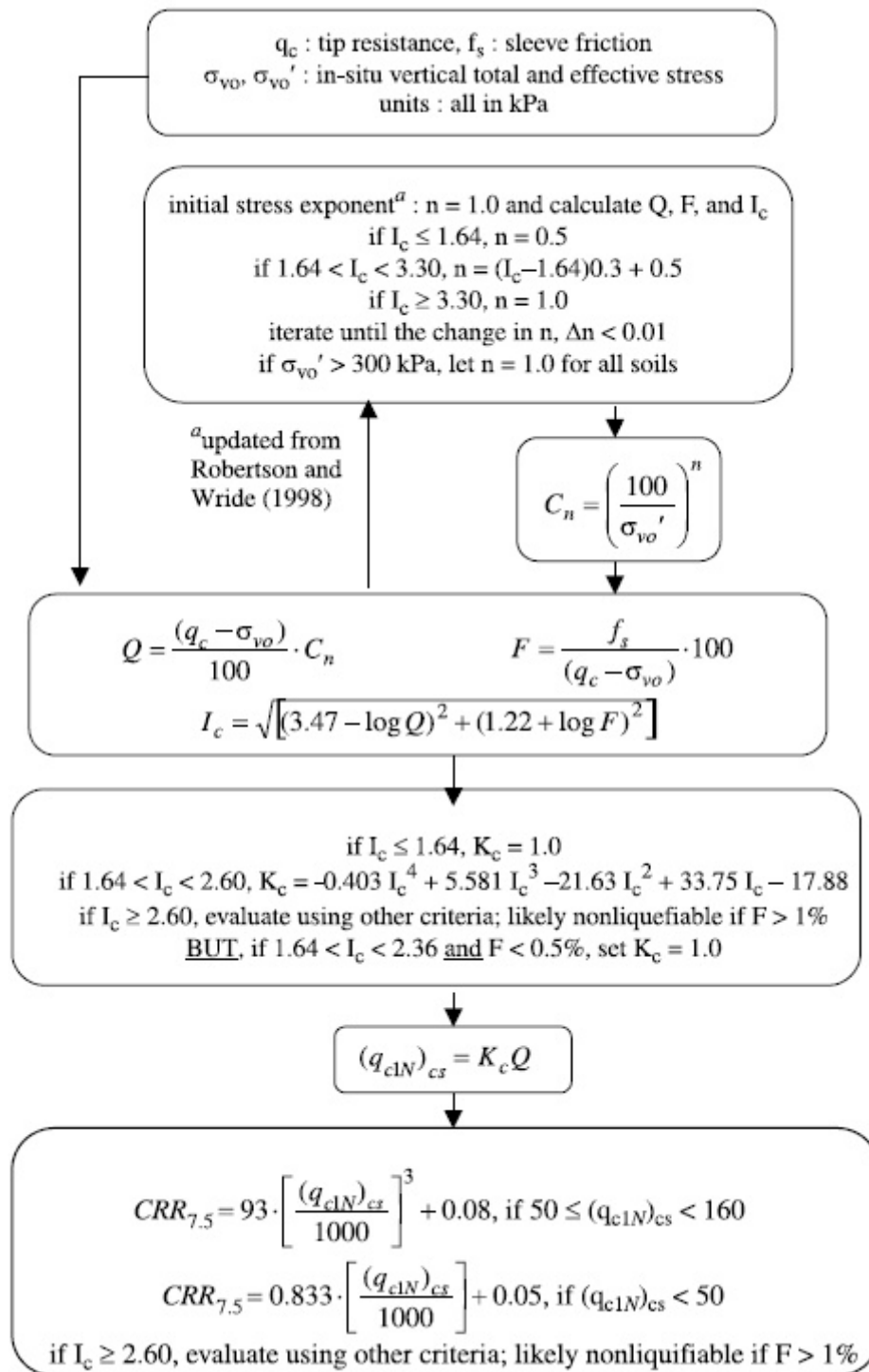


Input parameters and analysis data

| | | | | | |
|---------------------------------------|-------------------|---------------------------|--------------|-----------------------------|------------|
| 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 _c 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)

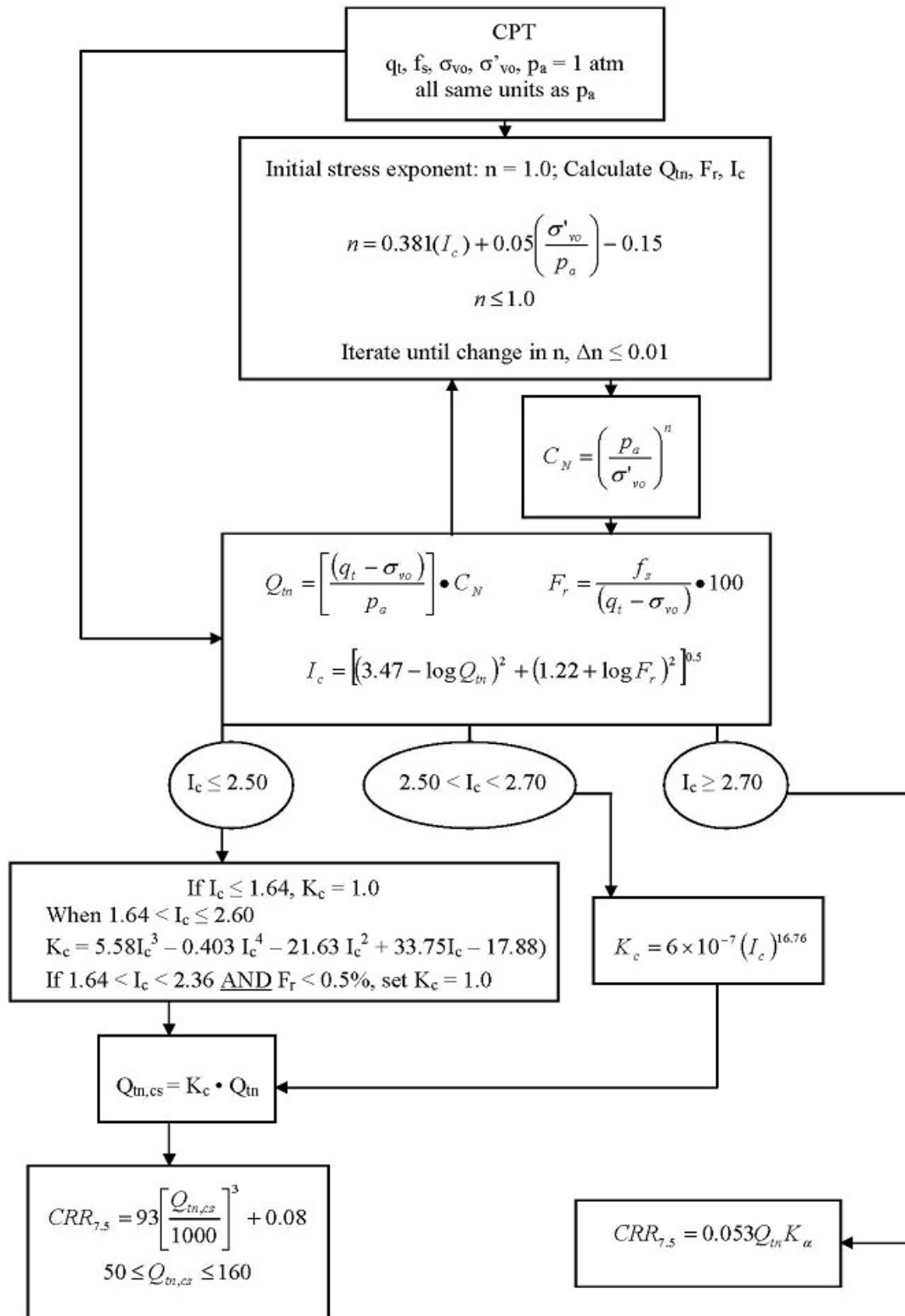
Calculation of soil resistance against liquefaction is performed according to the Robertson & Wride (1998) procedure. The procedure used in the software, slightly differs from the one originally published in NCEER-97-0022 (Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils). The revised procedure is presented below in the form of a flowchart¹:



¹ "Estimating liquefaction-induced ground settlements from CPT for level ground", G. Zhang, P.K. Robertson, and R.W.I. Brachman

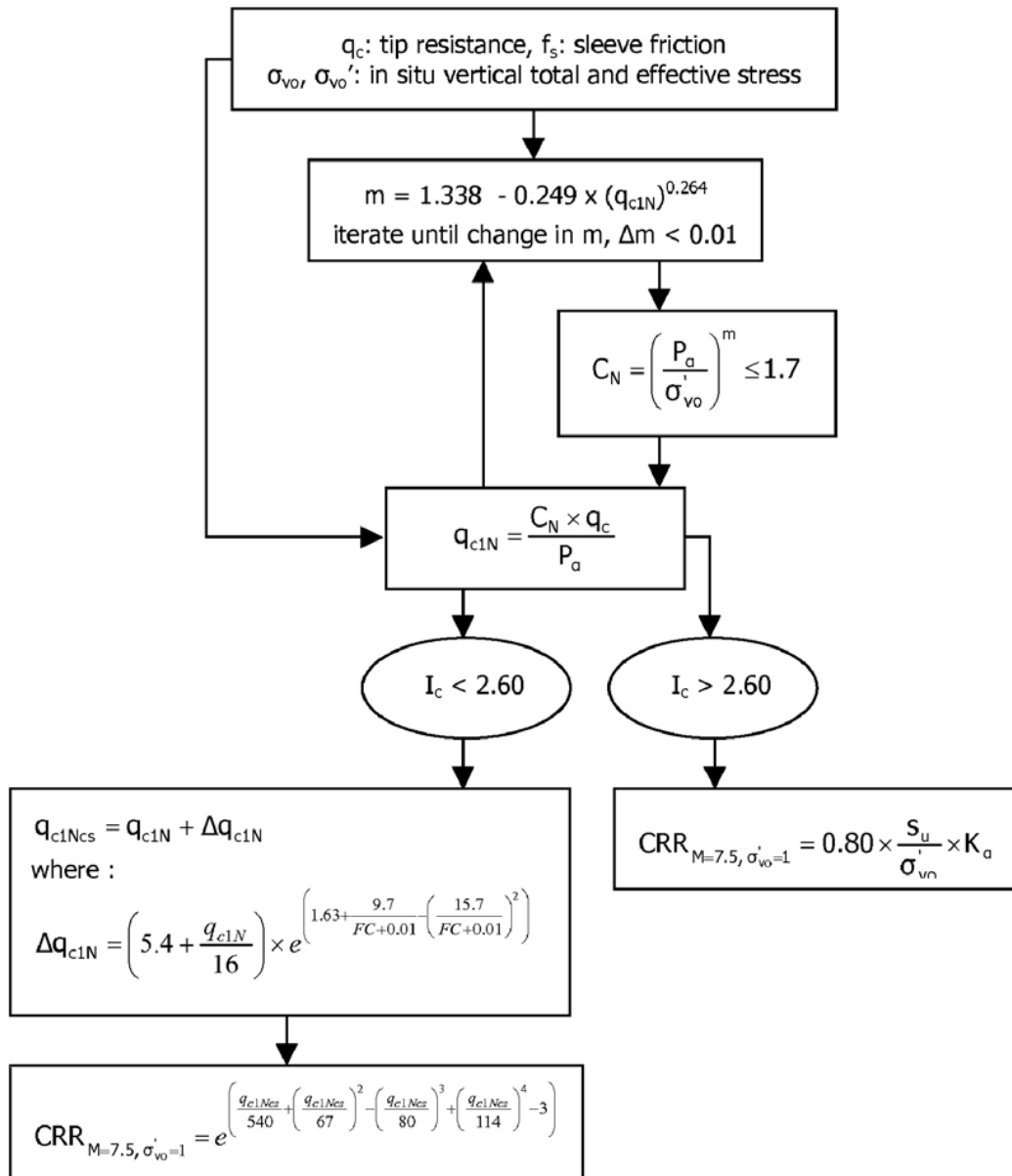
Procedure for the evaluation of soil liquefaction resistance (all soils), Robertson (2010)

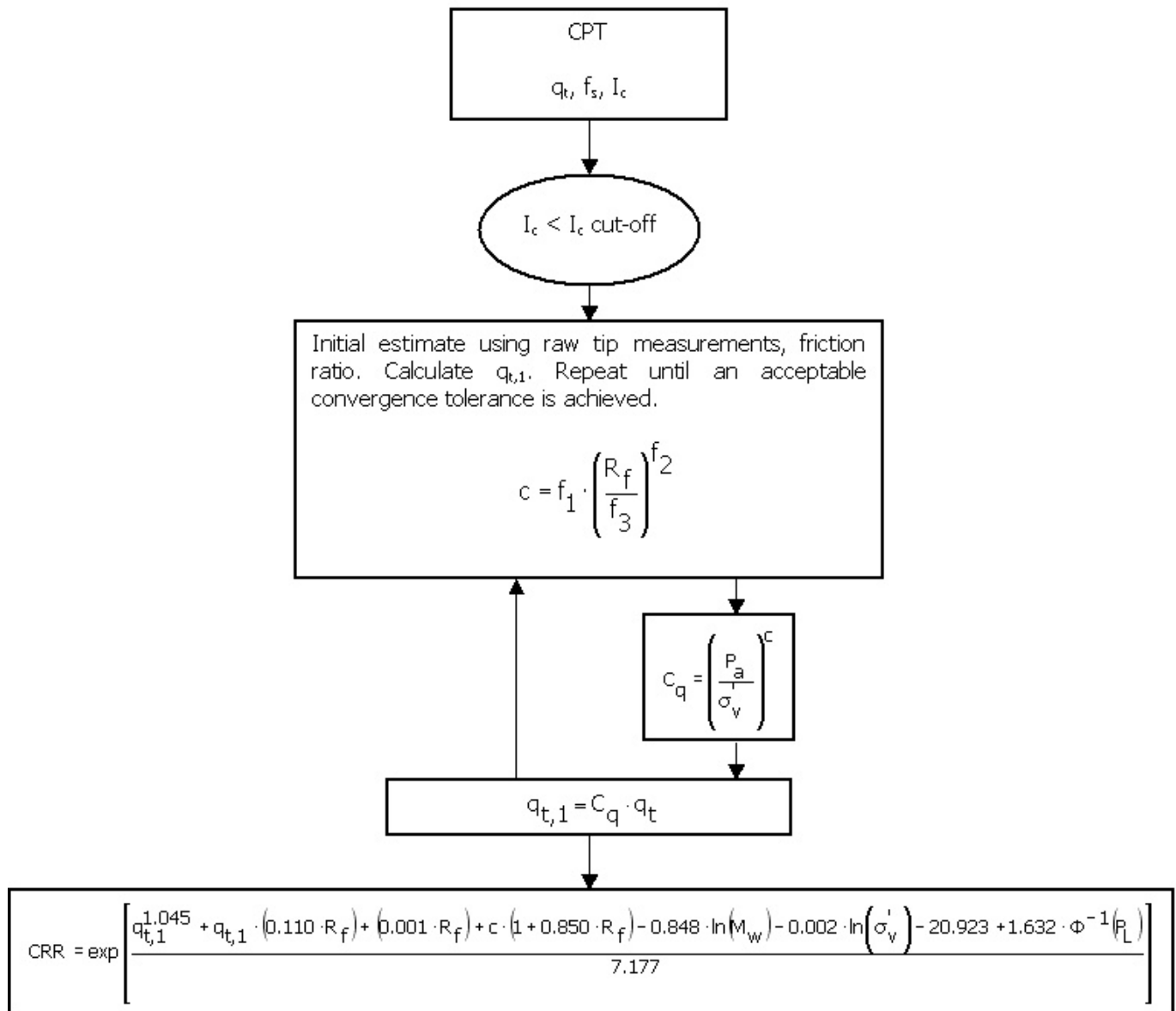
Calculation of soil resistance against liquefaction is performed according to the Robertson & Wride (1998) procedure. This procedure used in the software, slightly differs from the one originally published in NCEER-97-0022 (Proceedings of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils). The revised procedure is presented below in the form of a flowchart¹:



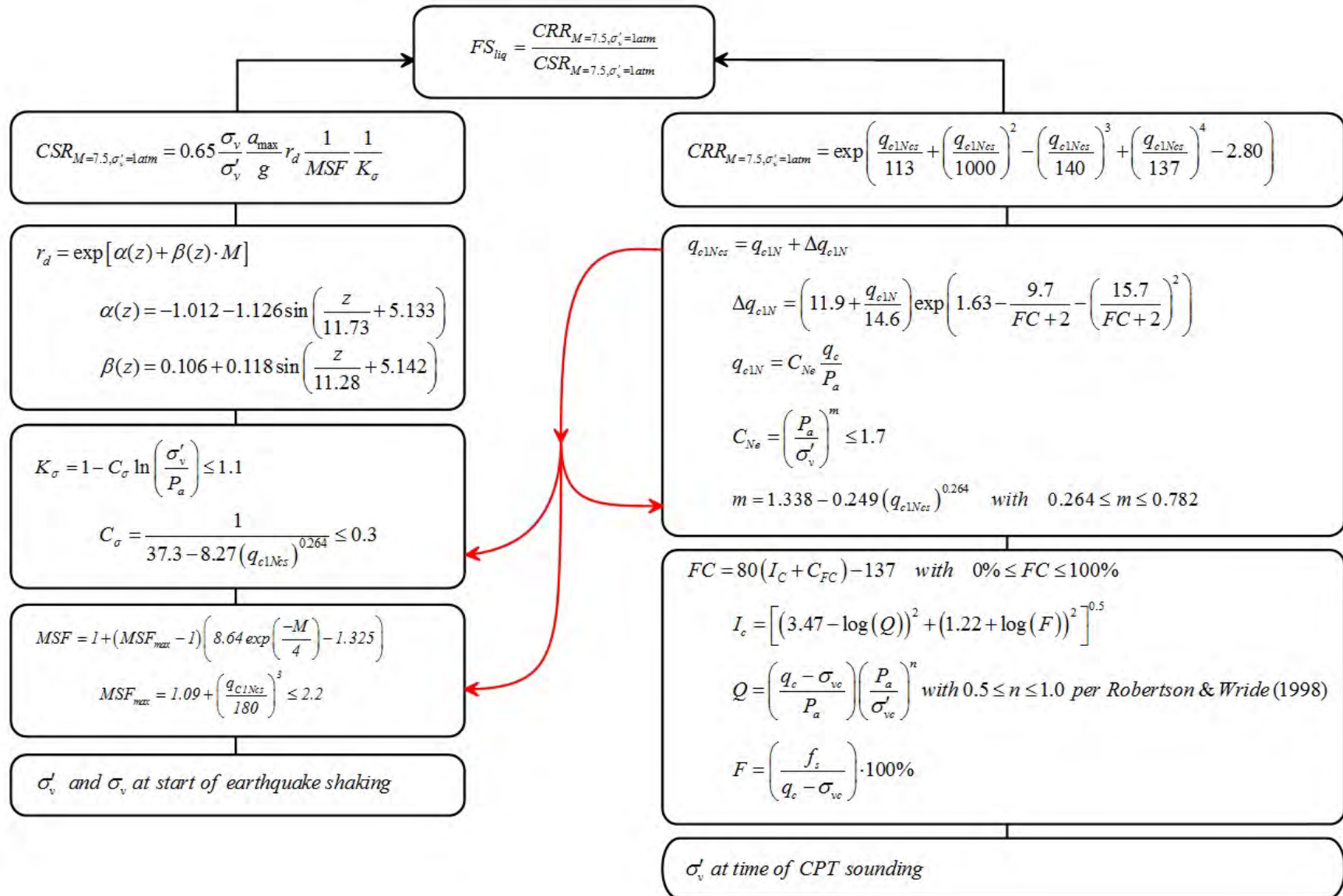
¹ P.K. Robertson, 2009. "Performance based earthquake design using the CPT", Keynote Lecture, International Conference on Performance-based Design in Earthquake Geotechnical Engineering – from case history to practice, IS-Tokyo, June 2009

Procedure for the evaluation of soil liquefaction resistance, Idriss & Boulanger (2008)

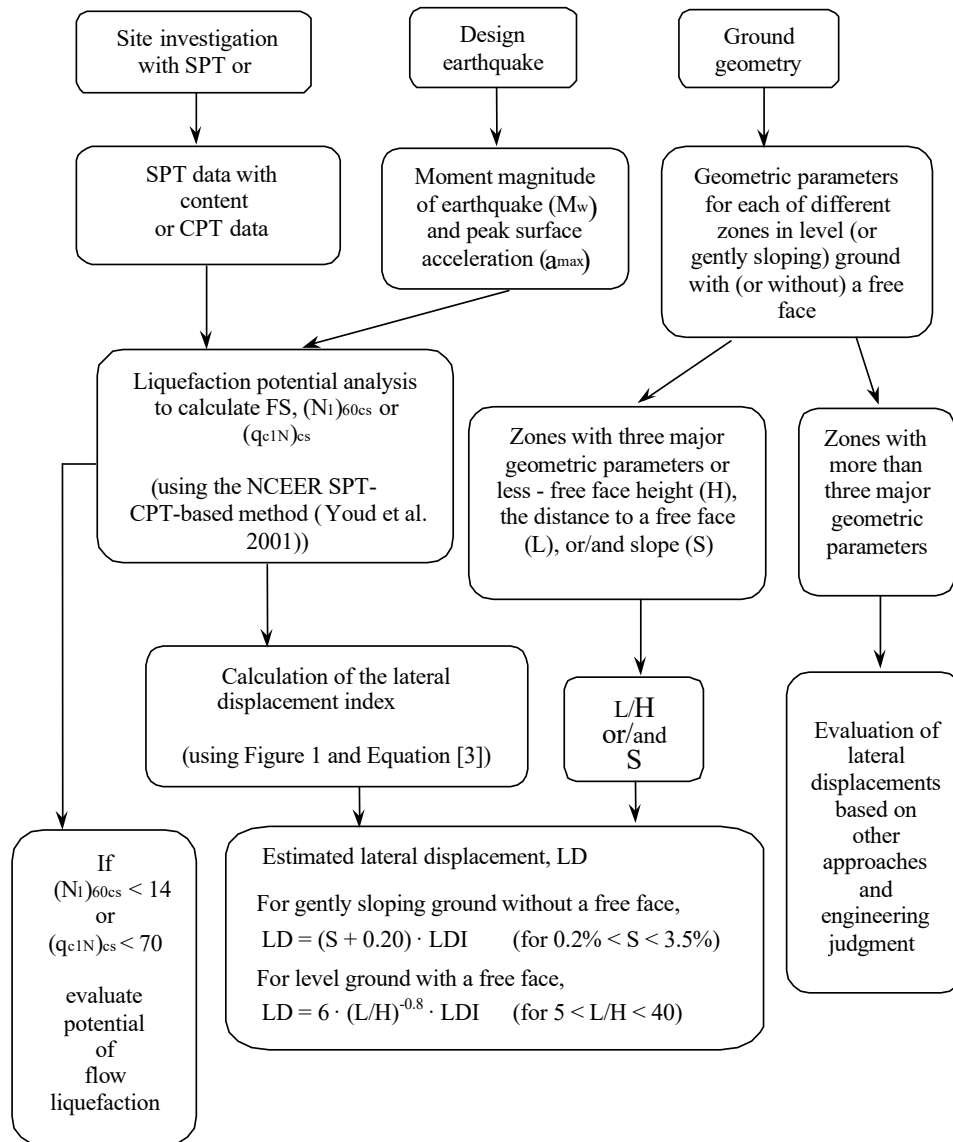


Procedure for the evaluation of soil liquefaction resistance (sandy soils), Moss et al. (2006)

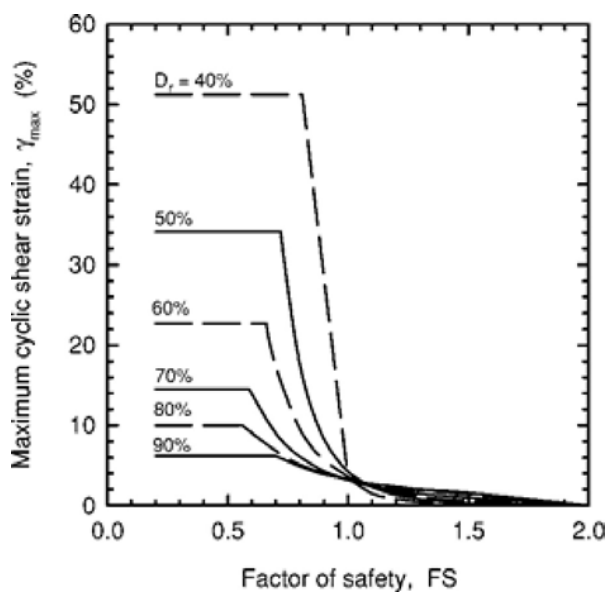
Procedure for the evaluation of soil liquefaction resistance, Boulanger & Idriss(2014)



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

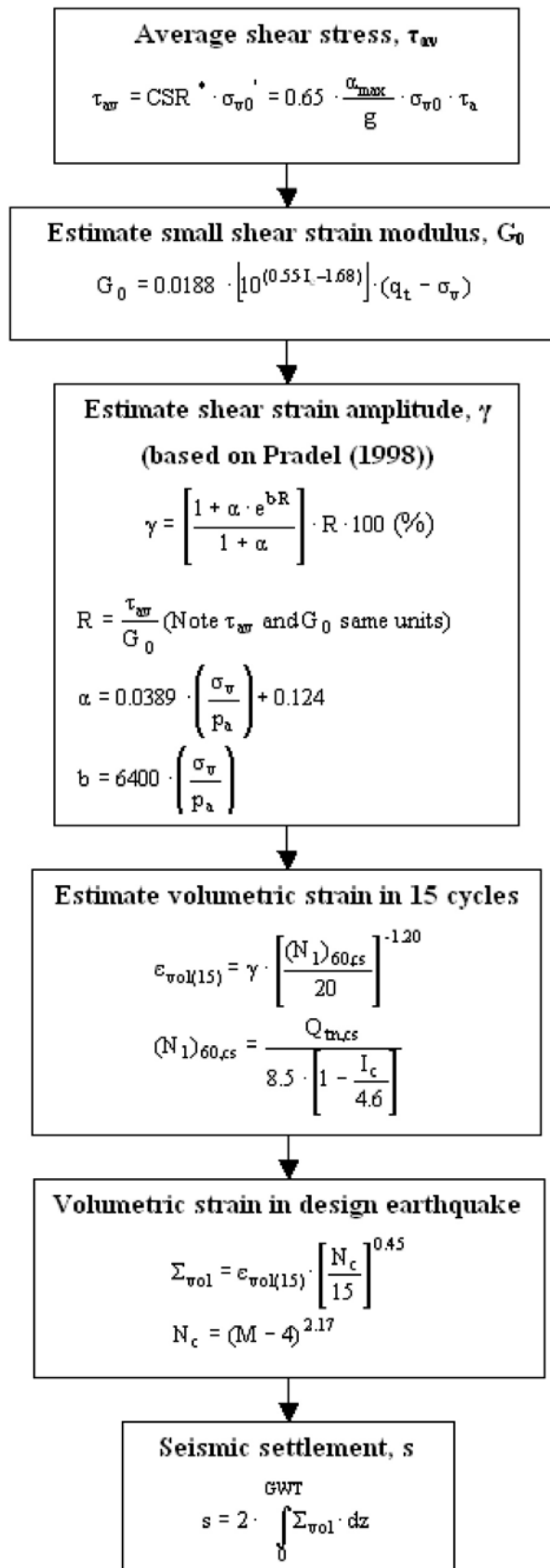


¹ Figure 1

$$LDI = \int_0^{Z_{max}} \gamma_{max} dz$$

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 methodology 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:

$$LPI = \int_0^{20} (10 - 0,5z) \times F_L \times dz$$

where:

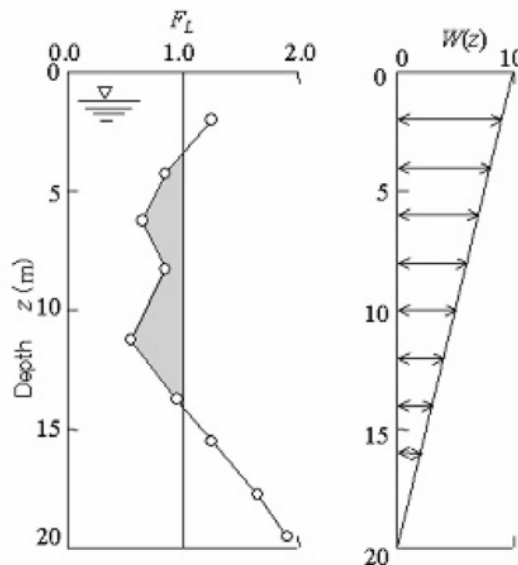
$F_L = 1 - F.S.$ when F.S. less than 1

$F_L = 0$ when F.S. greater than 1

z depth of measurement 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
- $0 < LPI \leq 5$: Liquefaction risk is low
- $5 < LPI \leq 15$: 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):

$$\begin{aligned} \ln(D_s) = & c_1 + c_2 * LBS + 0.58 * \ln\left(\tanh\left(\frac{HL}{6}\right)\right) + \\ & 4.59 * \ln(Q) - 0.42 * \ln(Q)^2 - 0.02 * B + \\ & 0.84 * \ln(CAVdp) + 0.41 * \ln(Sa1) + \varepsilon \end{aligned}$$

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).

References

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- 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
- 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
- R. E. S. Moss, R. B. Seed, R. E. Kayen, J. P. Stewart, A. Der Kiureghian, K. O. Cetin, CPT-Based Probabilistic and Deterministic Assessment of In Situ Seismic Soil Liquefaction Potential, Journal of Geotechnical and Geoenvironmental Engineering, Vol. 132, No. 8, August 1, 2006
- I. M. Idriss and R. W. Boulanger, 2008. Soil liquefaction during earthquakes, Earthquake Engineering Research Institute MNO-12
- Jonathan D. Bray & Jorge Macedo, Department of Civil & Environmental Engineering, Univ. of California, Berkeley, CA, USA, Simplified procedure for estimating liquefaction -induced building settlement, *Proceedings of the 19th International Conference on Soil Mechanics and Geotechnical Engineering, Seoul 201*



END OF REPORT

BERKELEY PLAZA
BERKELEY, CALIFORNIA



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>

Land Use / Zoning

1947 Center Street
2nd Floor
Berkeley, CA 94704
Phone: 510-981-7410
TDD: 510-981-7450
planning@cityofberkeley.info

Zoning Project Application

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| <i>(This box for staff use only.)</i> | DATE STAMP HERE |
| ZP20____-_____ <input type="checkbox"/> Administrative Use Permit <input type="checkbox"/> Variance <input type="checkbox"/> Use Permit <input type="checkbox"/> Modification of any of the Above | |
| Zoning District(s): _____ | |
| Intake Planner: _____ | |

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: _____

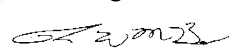
Applicant's Name (or enter "same"): _____

Applicant's Mailing Address: _____

Phone #: _____

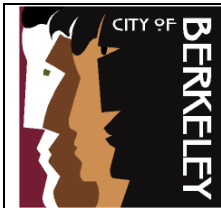
Email: _____

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: _____ Printed Name: _____ Date: _____ | Owner Signature: _____  Printed Name: _____ Date: _____ |
|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|

(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 |



Zoning Project Application Submittal Requirements

Page 1 of 19

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|
| <i>(This box for staff use only.)</i> | | DATE STAMP HERE |
| ZP202 _____ <input type="checkbox"/> Administrative Use Permit <input type="checkbox"/> Variance <input type="checkbox"/> Use Permit <input type="checkbox"/> Modification to any of the Above | | |
| Intake Planner: _____ | | |

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.

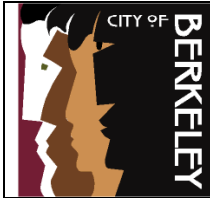
Section 1 – Required for all Projects

- 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. 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. Site Photographs
- B. Shadow Study
- C. Story Pole Plan
- D. Arborist Report
- E. Structural Evaluation
- E. Parking Survey
- F. Transportation Demand Management
- G. Photo Simulations
- H. Public Art Declaration

Section 4 – Environmental Review

- A. Creek Protection Documentation
- B. Historic Resource Evaluation
- C. Phase I or Phase II Site Assessment
- D. Geotechnical and Seismic Hazard Investigation
- E. Transportation Impact Study
- F. State General Construction Permit
- G. Stormwater Requirements Checklist

Section 5 – Required for Projects Subject to Affordable Housing Requirements

- A. Housing Affordability Statement
- B. Anti-Discrimination Housing Policies
- C. Density Bonus Eligibility Statement
- D. Area of Potential Effects (APE) Statement

Section 6 – Landscape and Green Building Requirements

- A. WELO Landscape Requirements
- B. Natural Gas Prohibition, Berkeley Energy Code and Berkeley Green Code
- C. Green Building Requirements

Section 7 – Related Land Use Planning Division Applications

- A. Design Review
- B. Structural Alteration Permit
- C. Zoning Use Questionnaire
- D. 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

Berkeley Plaza

2065 Kittredge St., Berkeley, CA 94704

APPLICATION STATEMENT

Date: 12/10/2021

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 provides much-needed student housing in the Downtown area. The approximately 225,024 sf, eight-story project will be 87'0" in height to the top of the roof. The site area is 33,582 sf. All units will be rental. The project will provide 5% of the base project as very low income units, qualifying for a 20% density bonus under state law (described below). The project consists of 191 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.



The proposed Project is a less-intensive version of the project analyzed in the certified EIR for the 2211 Harold Way project (aka, the Residences at Berkeley Plaza). The administrative record for that project is available here:

https://www.cityofberkeley.info/Planning_and_Development/Zoning_Adjustment_Board/2211_Harold.aspx

The Final EIR is located here:

https://www.cityofberkeley.info/uploadedFiles/Planning_and_Development/Level_3_-_PHN/2015-03-30_Final%20EIR%20and%20RTC_2211%20Harold.pdf. The Draft EIR for that project can be accessed through the following links:

- https://www.cityofberkeley.info/uploadedFiles/Planning_and_Development/Level_3_-_ZAB/Draft%20EIR_part1_2211%20Harold%20Way.pdf
- https://www.cityofberkeley.info/uploadedFiles/Planning_and_Development/Level_3_-_ZAB/Draft%20EIR_part2_2211%20Harold%20Way.pdf
- https://www.cityofberkeley.info/uploadedFiles/Planning_and_Development/Level_3_-_ZAB/Draft%20EIR_Appendix_part1.pdf
- https://www.cityofberkeley.info/uploadedFiles/Planning_and_Development/Level_3_-_ZAB/Draft%20EIR_Appendix_part2.pdf
- https://www.cityofberkeley.info/uploadedFiles/Planning_and_Development/Level_3_-_ZAB/Draft%20EIR_Appendix_part3.pdf
- https://www.cityofberkeley.info/uploadedFiles/Planning_and_Development/Level_3_-_ZAB/Draft%20EIR_Appendix_part4%20.pdf

Part 3 of the Draft EIR is a 205-page historic resources technical report prepared by Architectural Resources Group for Rincon and discusses impacts re demolition, design and construction as well as a discussion of that project's compliance with the Secretary of Interior Standards. Additional historic documentation includes a report prepared by Bridget Maley of architecture+planning (available here: https://www.cityofberkeley.info/uploadedFiles/Planning_and_Development/Level_3_-_ZAB/2012-02-27_APP_Historic%20Rpt_2211%20Harold.pdf),

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 the California State Density Bonus law. Berkeley Plaza will include 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 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 (168 units) at very low-income levels. The number of very low income units would be 9 units and these units would be reasonably dispersed throughout the building. 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 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 23 of those bonus units are included in the project for a final total of 191 units.

Waivers and Modifications Requested to Accommodate Density Bonus

By virtue of the project's qualification for a density bonus, it qualifies for the waiver/reduction of any development standard that, if applied, would physically preclude the construction of the project with bonus units and the 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. Complying with the standard would require the building to reduce the number of floors and eliminate residential units. This would physically preclude the construction of the Project as proposed, including the number of residential units allowed under the State Density Bonus Law.
- **Waiver to construct rooftop projections, such as mechanical appurtenances or architectural elements which exceed the maximum height limit for the district.** Accommodating mechanical appurtenances without exceeding the maximum height limit requires a reduction in residential area. This would physically preclude the construction of the Project as proposed, including the number of residential units allowed under the State Density Bonus Law.
- **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.** The encroachments allow for additional residential density to be captured in the Project. Without this above-ground encroachment, residential density would be reduced and would physically preclude the construction of the Project as proposed. We understand a separate application is required for the encroachment request to be granted. The development team will pursue these approvals at a later date.
- **Waiver to reduce the front, side, and rear setbacks.** The constrained site physically prohibits the inclusion of this amount of setback. Inclusion of this additional setback would require reducing the building mass and residential density. Inclusion of this setback would physically preclude the construction of the Project as proposed, including the number of residential units that are allowed under the State Density Bonus Law.
- **Concession for reduction in useable open space and the percentage of associated landscaped area.** The Project qualifies for one concession and proposes to use it to reduce the amount of useable open space from 15,280 SF down to 12,584 SF, an 18% reduction. This concession will result in identifiable cost savings.

The cost per SF of for construction of the outdoor open space, including providing the necessary landscape, furniture and fixtures is estimated to be in the range of \$80/SF. Granting this concession provides approximately \$215,000 of cost savings, allowing for additional density to be captured and to help provide for affordable housing costs.

Moreover, given the physical constraints of the site, inclusion of this additional outdoor space in full conformity with the City's requirements would require a reduction in building mass which will result in a residential density reduction. Due to the geometry of the site, this additional open space would need to be provided as an elevated terrace in place of what is currently proposed as residential units. In other words, were the open space requirement not reduced, it would result in the physical preclusion of the project as proposed (with the units added by virtue of the density bonus). As such, this reduction can also be justified as a density bonus waiver of development standards.



PLANNING & DEVELOPMENT

Land Use Planning, 1947 Center Street, Berkeley, CA 94704
 Tel: 510.981.7410 TDD: 510.981.7474 Fax: 510.981.7420
 Email: Planning@cityofberkeley.info

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):

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:

| | <i>Existing</i> | <i>Proposed</i> | <i>Permitted/ Required¹</i> |
|------------------------------------------------------------------------|-----------------|-----------------|----------------------------------------|
| 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) | | 82% | |
| Useable Open Space* (Square-Feet) | 100% | | |
| 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
 g:\landuse\forms & instructions\land use planning forms\word files\forms_zoning project application\zoning project application_tabulation form.docx

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

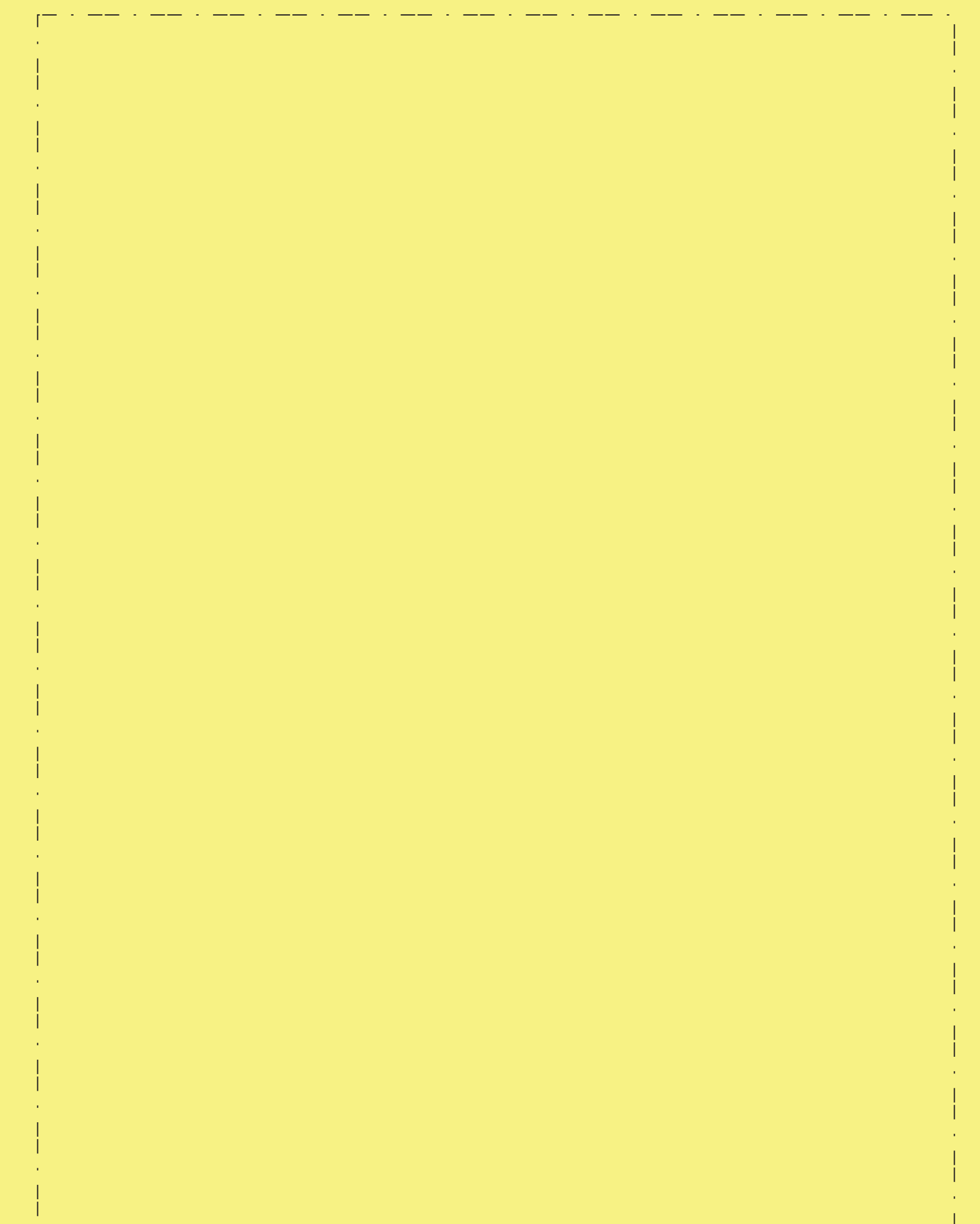
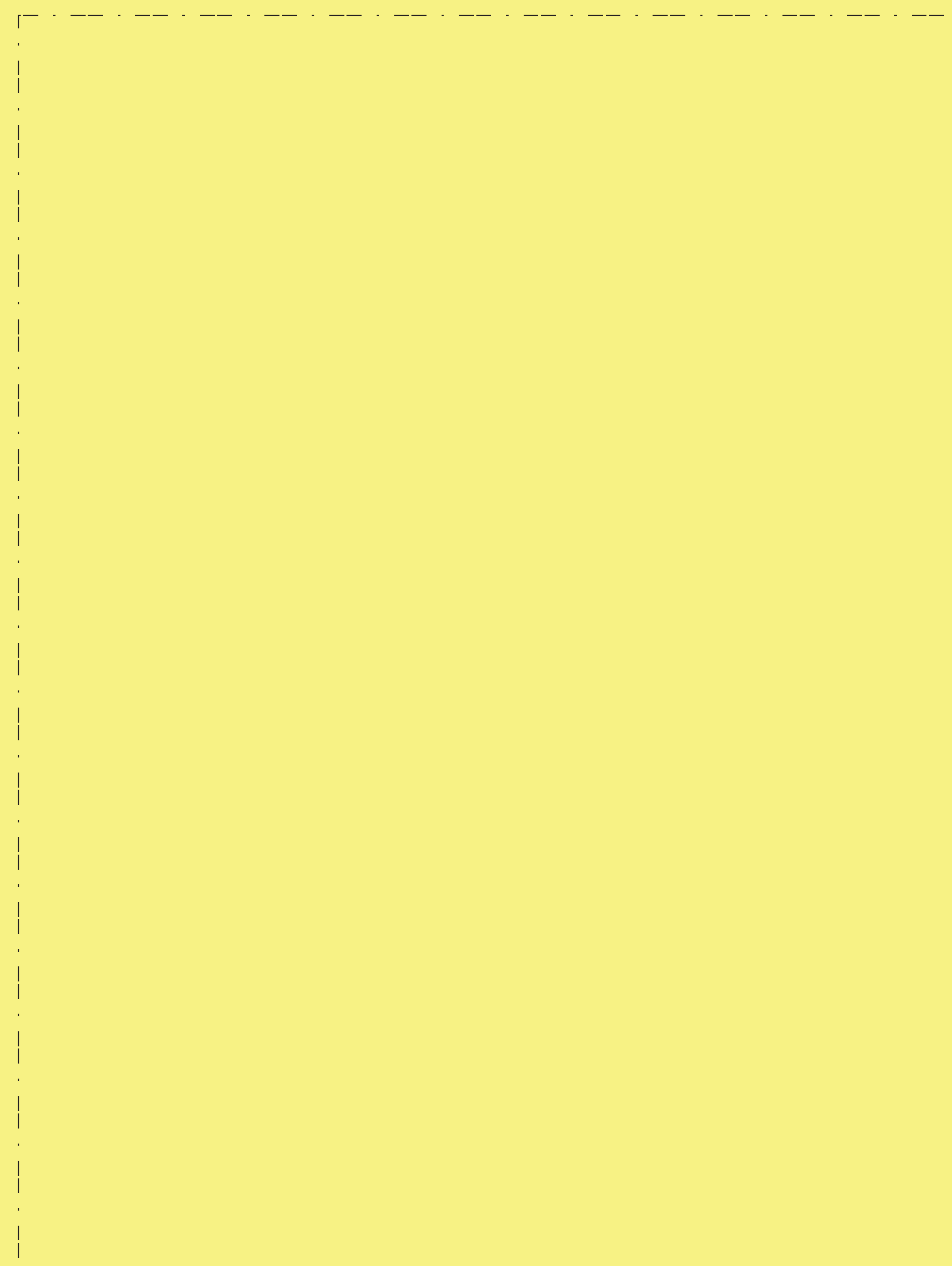
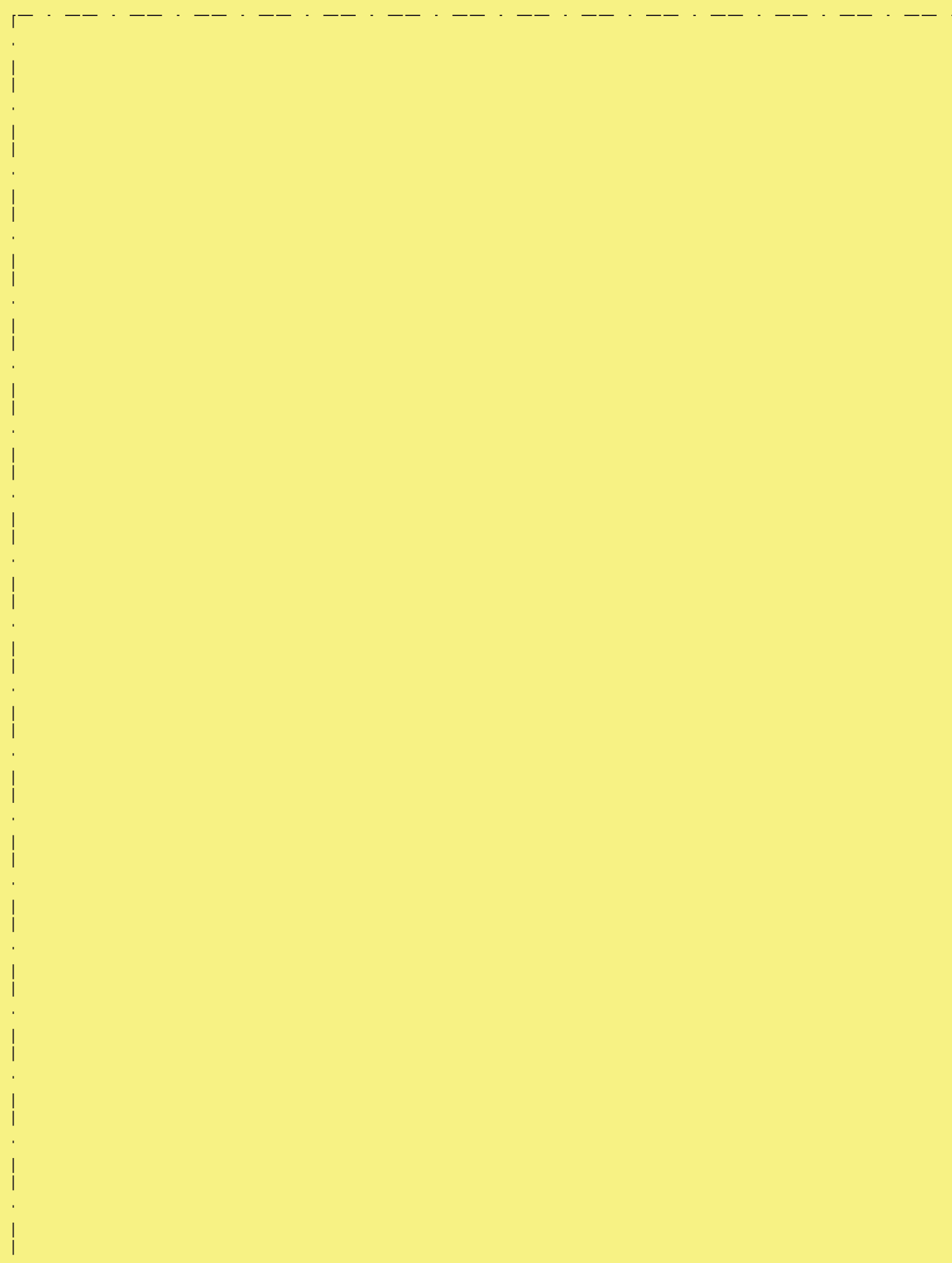
925.683.8782

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:



ANDY
HATE

PROPOSED PROJECT



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or call 510-981-7410

Public Notices:





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,

A handwritten signature in black ink, appearing to read 'Ryan McBride', written over a light blue horizontal line.

Ryan McBride
Executive Vice President, Development
CA Student Living



Hensley Company
329 West 18th Street
Suite 315
Chicago, IL 60616-1129

| | |
|------------|-----------|
| Date | Invoice # |
| 10/10/2021 | 68344 |

| |
|----------------------------------------------------------------------------------------------------|
| Bill To |
| CASL Holdings, LLC DuWarren Gibson 130 E. Randolph Street Suite 2100 Chicago, IL 60601 |

| | |
|------------|--------|
| Due Date | Terms |
| 10/25/2021 | Net 15 |

| Quantity | Description | Amount |
|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| | Kittridge Notice | |
| | Names entered, verified and made ready. | 95.00 |
| 674 | Color Cover Letters Printed - Single side, 20#, full color. Printed before list provided and analyzed for unvalidated addresses | 134.80 |
| 489 | Fold letter to fit #10 envelope | |
| 489 | #10 White, Business Envelopes Provided. Inkjet (Black only) return address and outgoing address | 146.70 |
| 489 | Insert 1 piece into #10 Envelope | |
| 489 | Affix postage by meter | |
| 489 | Seal, meter with October 6, 2021 date first class postage, mail | 58.68 |
| | POSTAGE: | |
| 489 | 53 cent meter unit | 259.17 |
| | 5% fee added to credit cards | 12.96 |
| | A convenience fee of 5% is charged to postage paid with a credit card to cover the fees charged. Hensley does not mark up postage, so when paid with a credit card, the fees must be covered to assure that the postage amount is received in full. | |

| | |
|--------------------------------|----------|
| NOW DUE | \$707.31 |
| Credits/Postage Advance | \$0.00 |
| Balance Due | \$707.31 |

Hensley now accepts MasterCard/Visa and American Express.
However, for Postage Advances, a 5% convenience fee will be applied.

| | | |
|---------------|--------------|---------------------------|
| Phone # | Fax # | E-mail |
| 312. 275 1500 | 312.275.1501 | sjolie@hensleycompany.com |

DuWarren Gibson

From: accounting@hensleycompany.com
Sent: Tuesday, October 12, 2021 11:35 AM
To: DuWarren Gibson
Subject: HENSLEY PRINTING AND MAILING COMPANY Transaction Receipt

****CAUTION - External Email****

HENSLEY PRINTING AND MAILING COMPANY



Your Card Sale is complete! Below is your receipt with all relevant transaction information.

Transaction Receipt



Oct 12, 2021
11:35:20 AM CDT
\$707.31

| | |
|-----------------------|-----------------------------|
| Type | Card Sale |
| Transaction ID | 6655310757 |
| Auth Code | 007465 |
| Description | Kittridge Notice - Oct 2021 |
| Order ID | 68344 |

Billing Details

DuWarren Gibson

130 E Randolph
Chicago, IL 60601
US

dgibson@ca-ventures.com

Shipping Details

US

Invoice No: _____ Job No. _____ Created by: Sarah

Company Name & Address (for overstock shipping)
Project Coordinator and BILLING email.

CASL Holdings
DuWarren Gibson
130 E Randolph Street, 2100
Chicago IL 60601
Dgibson@ca-ventures.com
773-573-5543

DATE: October 5, 2021

Job Name:
KITTRIDGE NOTICE

Mail/Due Date:
Wed Oct 6 2021

CA-Ventures to provide:
PDF of non-personalized letter (single sided, color printing)
Excel spreadsheet of Names/Addresses for mailing

Hensley will:
Output non-personalized letter, fold to fit into #10
Generate Business Envelopes with Return address and out-going address
Insert single piece
Meter imprint with date of October 6 2021

Count: 672 + 2 seed copies = 674

Set up: \$95
Work:
Letter printing: \$0.20
Envelope printing: \$0.30
Fold, insert & meter \$0.12
Subtotal: \$0.72, plus postage
First Class Meter Imprint, 1 ounce business envelope = \$0.54

Summary

| Description | Per Piece | Count | Subtotal |
|-----------------------------------|-----------|-------|----------|
| Copy Letter - Color, Single Sided | \$0.20 | 674 | \$134.80 |
| Generate Envelope | \$0.30 | 674 | \$202.20 |
| Insert/Meter/Mail | \$0.12 | 674 | \$80.88 |
| Set Up | | | \$95.00 |
| | | | \$512.88 |
| Postage | \$0.54 | 674 | \$363.96 |
| 5% fee if paying by credit card | | | \$18.20 |
| | | | \$382.16 |

CLIENT NOTES (to keep on file):

Outside Services to Bill: Ups, Fedex, Msgrs) - affix tracking stickers to back of job ticket.

| Description—Include # boxes | Fdx/Ups \$ or Time # |
|-----------------------------|----------------------|
| | |
| | |
| | |
| | |
| | |

| Category | Count | Postage |
|-----------------|-------|-------------------|
| Presort | | |
| | | Per Piece Postage |
| US Single Piece | | |
| Canada | | |
| Intl | | |
| Mexico | | |
| | | |

ANY NOTES FOR BILLING:

After job complete, ticket was reviewed by: (note name(s))

CA Ventures
c/o DuWarren Gibson
130 E. Randolph Street, Suite 2100
Chicago, IL 60601

5-5489187824
11 50M
05 OCT '21
PM 5:1

U.S. POSTAGE
PITNEY BOWES
ZIP 60616 \$000.53⁰
02 1M
0001372301 OCT 06 2021

OCCUPANTS
2150 SHATTUCK AVE # 404
BERKELEY, CA 94704-1345

NIXIE 958 DE 1 0010/22/21
RETURN TO SENDER
VACANT
UNABLE TO FORWARD
BC: 60601622325 *1561-02349-06-45
94704-1345 VAS



www.ca-ventures.com
130 E. Randolph Street
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October 6, 2021

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Regards,

Ryan McBride
Executive Vice President, Development
CA Student Living

Berkeley Plaza

2065 Kittredge St., Berkeley, CA 94704

NEIGHBORHOOD MEETING NOTES

10/13/2021

- Neighbors expressed support for the project and were excited for the rejuvenation of the block.
- Neighbors expressed support for the size of the project. Thought our design fit well with the character of the neighborhood and that it is completely different from previously submitted plans in the past.
- Neighbors expressed additional residential units in this area are great for all businesses in the area.
- Positive feedback received on the incorporation of the courtyard and landscaping on Kittredge to help activate the ground level near the residential entry and leasing office.
- Representatives from Dharma College discussed timeline for their upcoming project across the street on Harold Way. Construction overlap between the two projects was discussed and any potential for future coordination/collaboration.
- Proposed service access for the project and how that interacts with the existing alley off of Allston was presented. Widening the alley for shared service access in the future was mentioned and received well.
- General strategies for retail ownership (commercial suites along Shattuck Ave) to accommodate service and trash access in the future were discussed and the design team answered questions about the extents of the demo proposed and how that impacts the internal circulation of the existing buildings.
- Brief discussions about shared utilities for the buildings on the block came up during the meeting with the immediate neighbors. Future coordination ahead of demo is to be expected and the neighbors expressed interest and willingness to continue the conversation.
- The construction timeline and noise mitigation strategies were discussed with representatives from the Shattuck Plaza Hotel. Hours of construction and logistics to be covered in a more detailed discussion as the plans develop further and the detailed construction schedule is finalized.
- Questions about proposed exterior materials came up and the design team presented the different exterior finishes proposed for the project and the contrast in texture between masonry, stucco, fiber cement and metal paneling.

| 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 ESMAYER 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 JIHWAN & 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 |

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| 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 |
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| OCCUPANTS | 2161 SHATTUCK AVE 310 |
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| OCCUPANTS | 2161 SHATTUCK AVE 201 |
| OCCUPANTS | 2161 SHATTUCK AVE 201A |
| OCCUPANTS | 2161 SHATTUCK AVE 202 |
| OCCUPANTS | 2161 SHATTUCK AVE |

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| 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 |
| OCCUPANTS | 2110 KITTREDGE ST 110 |
| OCCUPANTS | 2110 KITTREDGE ST 204 |
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| OCCUPANTS | 2110 KITTREDGE ST 211 |
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| OCCUPANTS | 2110 KITTREDGE ST 105 |
| OCCUPANTS | 2110 KITTREDGE ST 107 |
| OCCUPANTS | 2110 KITTREDGE ST 109 |
| OCCUPANTS | 2110 KITTREDGE ST 111 |
| OCCUPANTS | 2110 KITTREDGE ST 112 |
| OCCUPANTS | 2110 KITTREDGE ST 101 |
| OCCUPANTS | 2110 KITTREDGE ST 102 |
| OCCUPANTS | 2255 SHATTUCK AVE |

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| 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 |
| OCCUPANTS | 2070 ALLSTON WAY 203 |
| 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 |
| OCCUPANTS | 2075 ALLSTON WAY 204 |
| 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 |

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| 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 |
| OCCUPANTS | 2150 SHATTUCK AVE 750 |
| OCCUPANTS | 2150 SHATTUCK AVE 725 |
| OCCUPANTS | 2150 SHATTUCK AVE 800 |
| OCCUPANTS | 2150 SHATTUCK AVE 407 |
| OCCUPANTS | 2150 SHATTUCK AVE 408 |
| OCCUPANTS | 2150 SHATTUCK AVE 500 |
| OCCUPANTS | 2150 SHATTUCK AVE 510 |
| OCCUPANTS | 2150 SHATTUCK AVE 525 |
| OCCUPANTS | 2150 SHATTUCK AVE 600 |
| OCCUPANTS | 2150 SHATTUCK AVE 175 |
| OCCUPANTS | 2150 SHATTUCK AVE 200 |
| OCCUPANTS | 2150 SHATTUCK AVE 300 |
| OCCUPANTS | 2150 SHATTUCK AVE 400 |
| OCCUPANTS | 2150 SHATTUCK AVE 404 |
| OCCUPANTS | 2150 SHATTUCK AVE 405 |
| OCCUPANTS | 2150 SHATTUCK AVE B100 |
| OCCUPANTS | 2150 SHATTUCK AVE 900 |
| OCCUPANTS | 2150 SHATTUCK AVE 950 |
| OCCUPANTS | 2150 SHATTUCK AVE 920 |
| OCCUPANTS | 2150 SHATTUCK AVE 125 |
| OCCUPANTS | 2150 SHATTUCK AVE 135 |
| OCCUPANTS | 2150 SHATTUCK AVE 100 |
| OCCUPANTS | 2150 SHATTUCK AVE |
| 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 |

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| 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 |
| OCCUPANTS | 2001 ALLSTON WAY 325 |
| OCCUPANTS | 2001 ALLSTON WAY 413 |
| OCCUPANTS | 2001 ALLSTON WAY 423 |
| OCCUPANTS | 2001 ALLSTON WAY 343 |
| OCCUPANTS | 2001 ALLSTON WAY 318 |
| OCCUPANTS | 2001 ALLSTON WAY 327 |
| OCCUPANTS | 2001 ALLSTON WAY 443 |
| OCCUPANTS | 2001 ALLSTON WAY 422 |
| OCCUPANTS | 2231 SHATTUCK AVE 327 |
| OCCUPANTS | 2231 SHATTUCK AVE 233 |
| OCCUPANTS | 2231 SHATTUCK AVE 323 |
| OCCUPANTS | 2231 SHATTUCK AVE 221 |
| OCCUPANTS | 2231 SHATTUCK AVE 232 |
| OCCUPANTS | 2022 KITTREDGE ST |
| OCCUPANTS | 2005 BANCROFT WAY |
| OCCUPANTS | 2020 KITTREDGE ST 101 |
| OCCUPANTS | 2020 KITTREDGE ST 102 |
| OCCUPANTS | 2020 KITTREDGE ST 103 |
| OCCUPANTS | 2020 KITTREDGE ST 104 |
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| OCCUPANTS | 2020 KITTREDGE ST 106 |
| OCCUPANTS | 2020 KITTREDGE ST 107 |

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| OCCUPANTS | 2020 KITTREDGE ST 108 |
| OCCUPANTS | 2020 KITTREDGE ST 411 |
| OCCUPANTS | 2020 KITTREDGE ST 410 |
| OCCUPANTS | 2020 KITTREDGE ST 409 |
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| OCCUPANTS | 2020 KITTREDGE ST 402 |
| OCCUPANTS | 2020 KITTREDGE ST 401 |
| OCCUPANTS | 2020 KITTREDGE ST D |
| OCCUPANTS | 2020 KITTREDGE ST C |
| OCCUPANTS | 2020 KITTREDGE ST B |
| OCCUPANTS | 2020 KITTREDGE ST A |
| OCCUPANTS | 2020 KITTREDGE ST 311 |
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| OCCUPANTS | 2005 BANCROFT WAY 144 |
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| OCCUPANTS | 2005 BANCROFT WAY 141 |
| OCCUPANTS | 2005 BANCROFT WAY 140 |
| OCCUPANTS | 2005 BANCROFT WAY 139 |

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| OCCUPANTS | 2005 BANCROFT WAY 138 |
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| OCCUPANTS | 2005 BANCROFT WAY 444 |

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| OCCUPANTS | 2005 BANCROFT WAY 443 |
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| OCCUPANTS | 2005 BANCROFT WAY 415 |
| OCCUPANTS | 2005 BANCROFT WAY 414 |
| OCCUPANTS | 2005 BANCROFT WAY 413 |
| OCCUPANTS | 2002 CENTER ST |
| OCCUPANTS | 2000 CENTER ST 200 |
| OCCUPANTS | 2000 CENTER ST 308 |
| OCCUPANTS | 2000 CENTER ST 100 |
| OCCUPANTS | 2000 CENTER ST 300 |
| OCCUPANTS | 2000 CENTER ST 301 |
| OCCUPANTS | 2000 CENTER ST 303 |
| OCCUPANTS | 2118 ALLSTON WAY |
| OCCUPANTS | 2120 ALLSTON WAY |
| OCCUPANTS | 2122 ALLSTON WAY |
| OCCUPANTS | 2124 ALLSTON WAY |
| OCCUPANTS | 2126 ALLSTON WAY |
| OCCUPANTS | 2128 ALLSTON WAY |
| OCCUPANTS | 2130 ALLSTON WAY |
| OCCUPANTS | 2132 ALLSTON WAY |

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| OCCUPANTS | 2116 ALLSTON WAY 201 |
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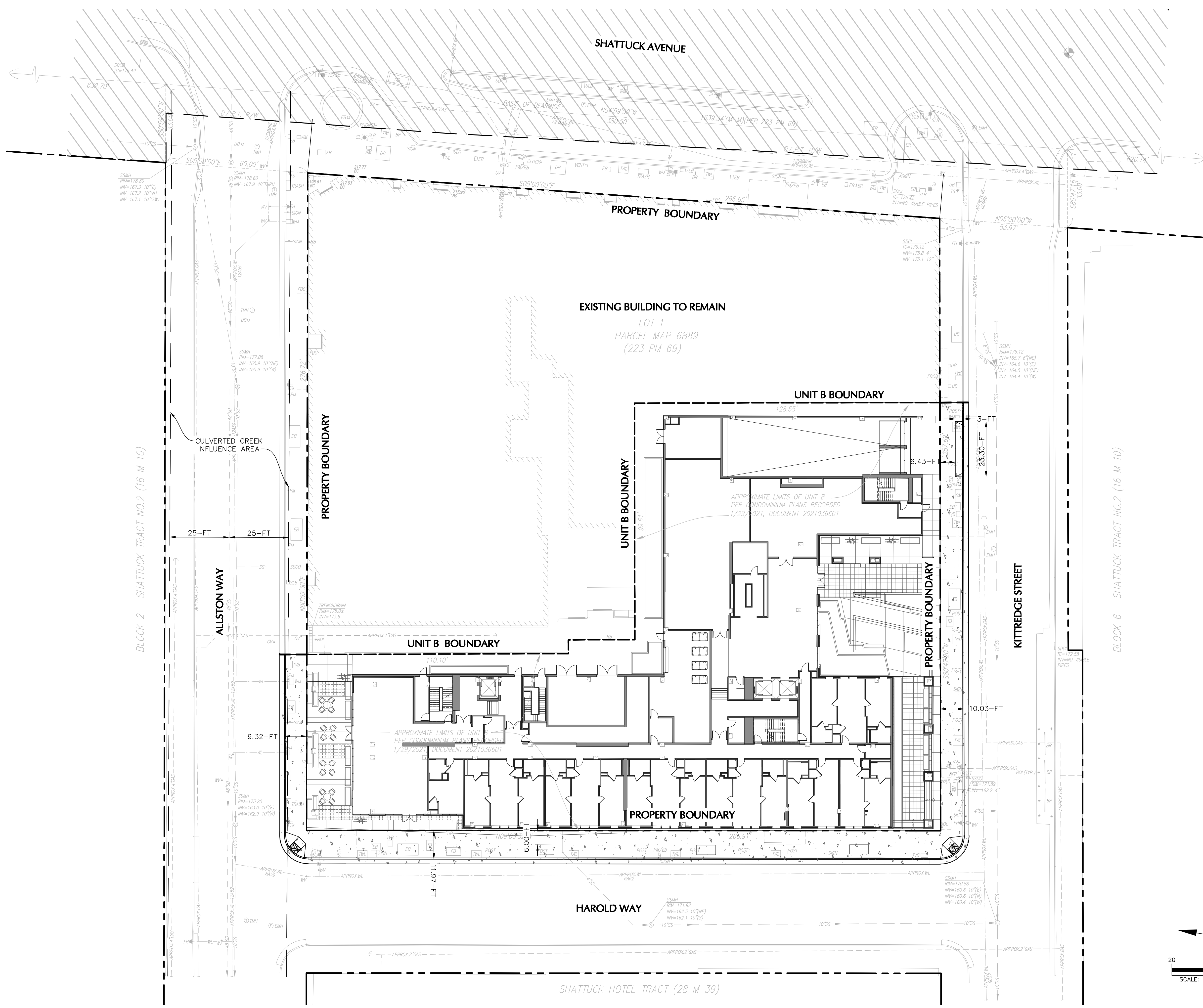
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| OCCUPANTS | 2116 ALLSTON WAY 711 |
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| OCCUPANTS | 2001 ALLSTON WAY 336 |
| OCCUPANTS | 2175 MILVIA ST |
| OCCUPANTS | 2000 KITTREDGE ST |
| OCCUPANTS | 2116 ALLSTON WAY |
| OCCUPANTS | 2231 SHATTUCK AVE |
| OCCUPANTS | 2231 SHATTUCK AVE 330 |
| OCCUPANTS | 2231 SHATTUCK AVE 331 |
| OCCUPANTS | 2231 SHATTUCK AVE 332 |
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| OCCUPANTS | 2231 SHATTUCK AVE 228 |
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| 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 |
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| 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 |

| | |
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| 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 |



PROJECT #: 731754801
DRAWN BY: NS
CHECKED BY: AKC/JRJ

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www.nilesbolton.com

| 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 |
| 5 | USE PERMIT RESUBMIT | 12/10/21 |

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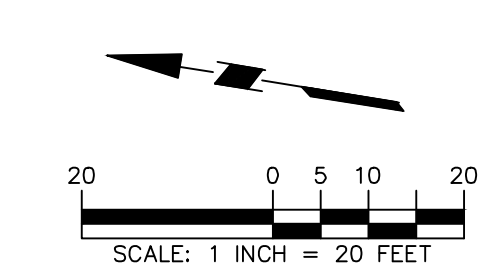
BERKELEY PLAZA
2060 ALLSTON WAY
BERKELEY, CA 94704
CA VENTURES



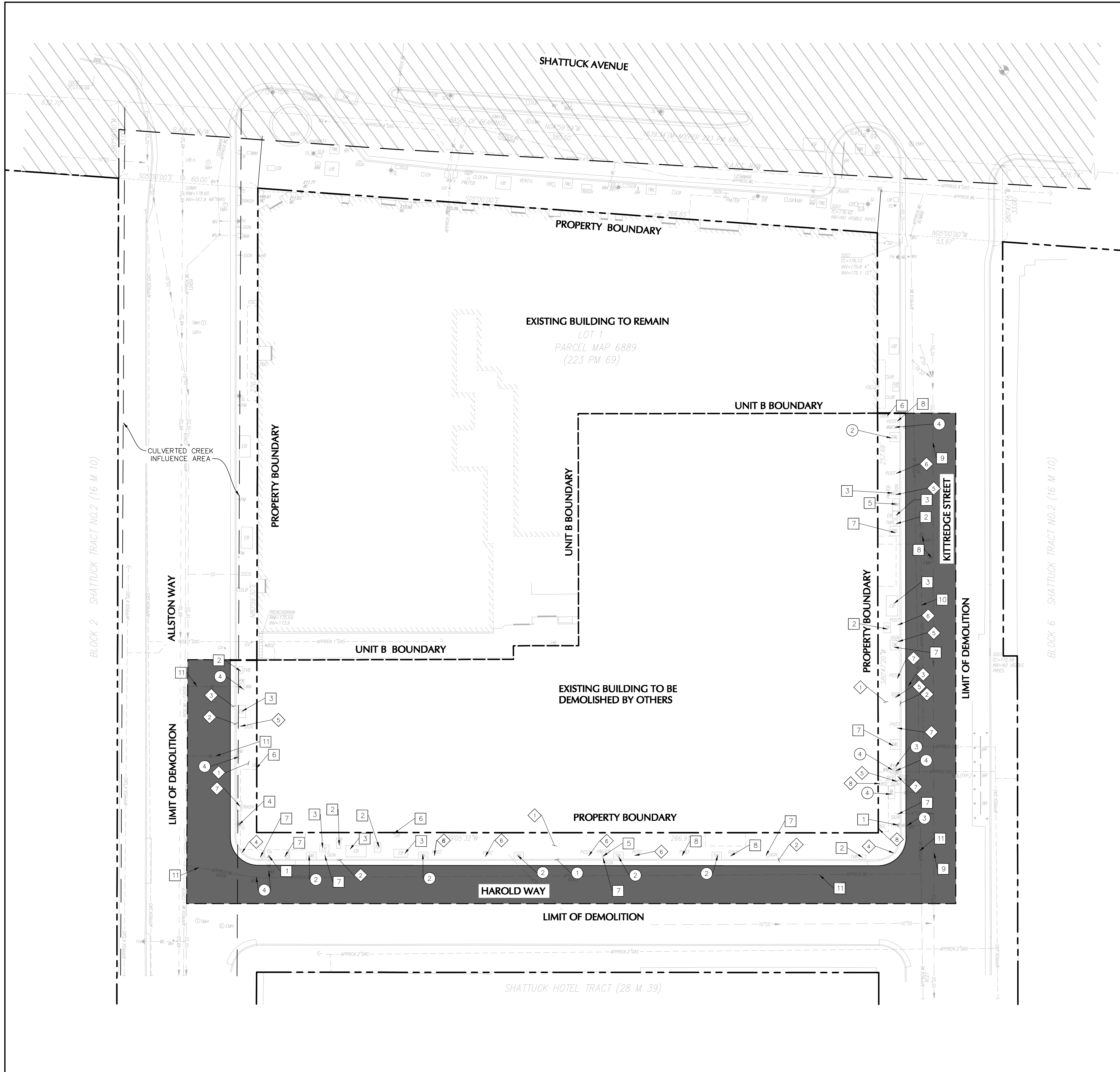
SHEET TITLE:
SITE PLAN

SHEET NUMBER:
C1-001

12/10/2021



NOT RELEASED FOR CONSTRUCTION



- LEGEND**
- PROPERTY LINE
 - LIMIT OF WORK
 - CULVERTED CREEK INFLUENCE AREA
 - CONCRETE TO BE REDONE
 - PAVEMENT RESTORATION AREA: 2-INCH GRIND AND AC OVERLAY
 - LIMIT OF DEMOLITION

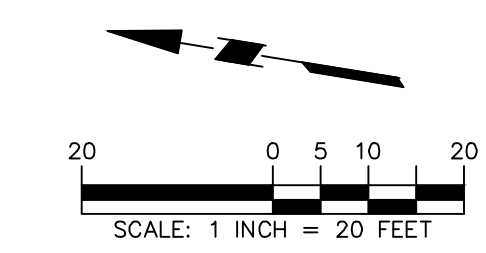
- ITEMS TO BE REPLACED/SALVAGED/REINSTALLED**
- 1 (E) SIDEWALK
 - 2 (E) CURB
 - 3 (E) GUTTER
 - 4 (E) CURB RAMP
 - 5 (E) SIGN
 - 6 (E) POST
 - 7 (E) TRASH RECEPTACLES
 - 8 (E) BOLLARD

- ITEMS TO BE PROTECTED IN PLACE**
- 1 (E) FIRE HYDRANT
 - 2 (E) TELECOM BOX
 - 3 (E) ELECTRIC BOX
 - 4 (E) STREET LIGHT
 - 5 (E) GAS METER
 - 6 (E) UTILITY BOX
 - 7 (E) TREE
 - 8 (E) ELECTRIC MANHOLE
 - 9 (E) SANITARY SEWER LINE
 - 10 (E) APPROXIMATE GAS LINE
 - 11 (E) APPROXIMATE WATER LINE

- ITEMS TO BE REMOVED/DEMOLISHED**
- 1 (E) DRIVEWAY
 - 2 (E) TREE
 - 3 (E) WATER VALVE
 - 4 (E) WATER METER

NOTES

- THESE PLANS REPRESENT THE OVERALL DEMOLITION REQUIRED FOR SITE IMPROVEMENT WORK. ALL WORK SHALL COMPLY WITH THE LATEST VERSION OF THE CALIFORNIA BUILDING CODE AND ALL OTHER APPLICABLE STATE AND LOCAL CODES AND ORDINANCES, INCLUDING ALL OSHA REQUIREMENTS.
- EXISTING STRUCTURES TO REMAIN SHALL BE PROTECTED FOR THE DURATION OF THE CONSTRUCTION AS NECESSARY. ANY DAMAGE RESULTING FROM THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AS DIRECTED BY THE CONSTRUCTION MANAGER AT NO ADDITIONAL COST TO THE OWNER. ALL STRUCTURES TO REMAIN SHALL BE RESET TO FINAL PROPOSED GRADES PER GRADING PLAN.
- EXISTING UTILITIES AND OR UTILITY STRUCTURES TO BE REMOVED OR ABANDONED SHALL BE COORDINATED WITH THE GOVERNING UTILITY AGENCY PRIOR TO COMMENCEMENT OF WORK.
- CONSTRUCTION OPERATIONS SHALL BE CONFINED TO THE AREA OF WORK SHOWN AND SHALL NOT CREATE DUST, DIRT, OR OBSTRUCTIONS OR OTHER SUCH INCONVENIENCES TO ADJACENT PROPERTIES.
- THE CONTRACTOR SHALL OBTAIN AND MAKE PAYMENT FOR TEMPORARY UTILITIES AND OTHER SERVICES NECESSARY FOR PROPER EXECUTION OF DEMOLITION WORK.
- FOR RECONSTRUCTION OF CONCRETE CURB, GUTTER/PARKING STRIP, AND DRIVEWAY CURB CUTS, SAW-CUT MINIMUM 2'-FT FOR AC CONFORM AND REPLACE WITH 2"-IN ACWS OVER EXISTING BASE. ALL WORK DIRECTED BY THE PUBLIC WORKS INSPECTOR.



PROJECT #: 731754801
DRAWN BY: NS
CHECKED BY: AKC/JRJ

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Atlanta, GA 30305
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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 |
| 5 | USE PERMIT RESUBMIT | 12/10/21 |

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BERKELEY PLAZA
2060 ALLSTON WAY
BERKELEY, CA 94704
CA VENTURES

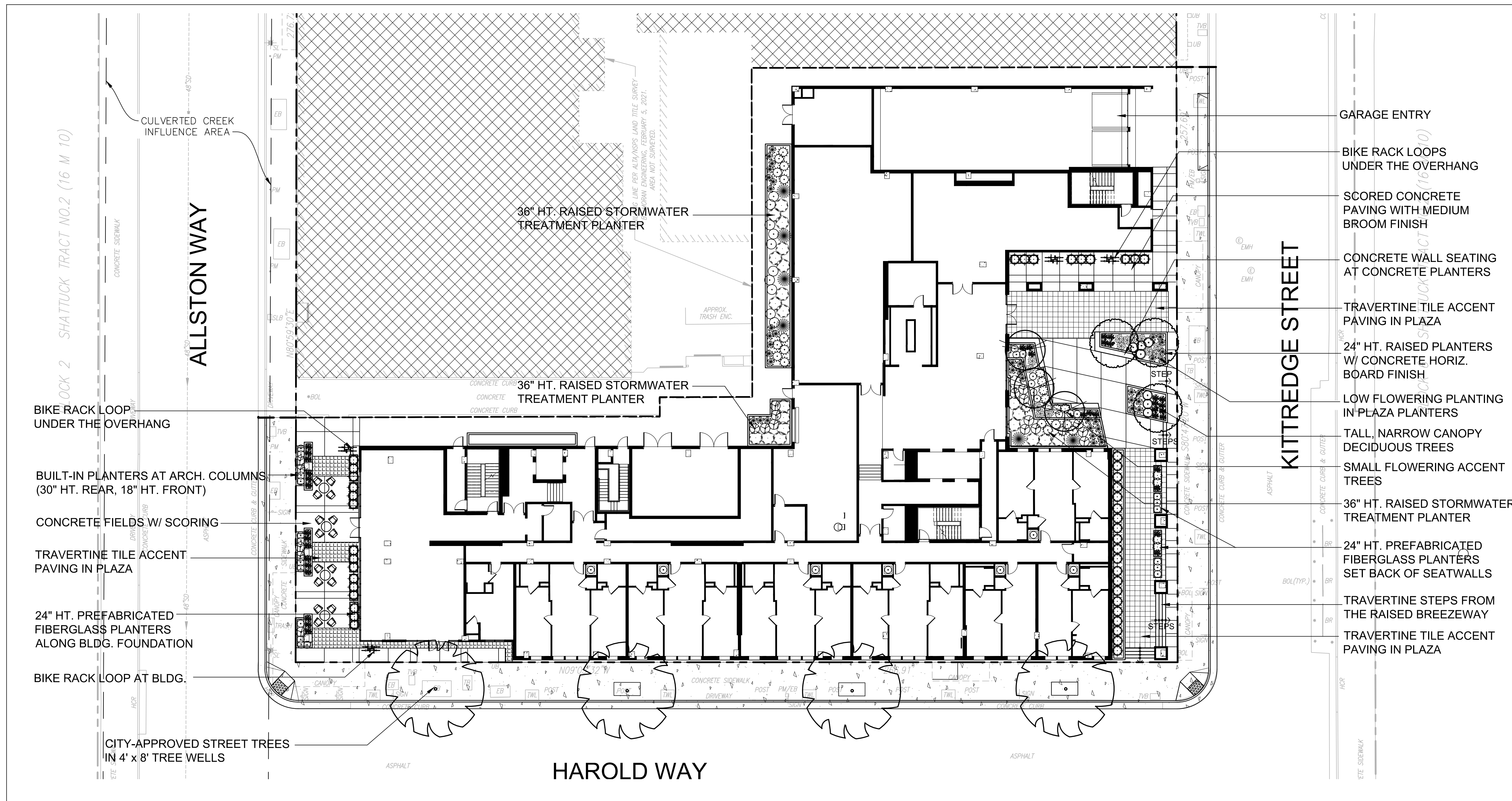


SHEET TITLE:
DEMOLITION PLAN

SHEET NUMBER:
C0-001

12/10/2021

NOT RELEASED FOR CONSTRUCTION



LOCK 2 SHATTUCK TRACT NO.2 (16 M 10)

CULVERTED CREEK INFLUENCE AREA

ALLSTON WAY

BIKE RACK LOOP UNDER THE OVERHANG

BUILT-IN PLANTERS AT ARCH. COLUMNS (30" HT. REAR, 18" HT. FRONT)

CONCRETE FIELDS W/ SCORING

TRAVERTINE TILE ACCENT PAVING IN PLAZA

24" HT. PREFABRICATED FIBERGLASS PLANTERS ALONG BLDG. FOUNDATION

BIKE RACK LOOP AT BLDG.

CITY-APPROVED STREET TREES IN 4' x 8' TREE WELLS

36" HT. RAISED STORMWATER TREATMENT PLANTER

36" HT. RAISED STORMWATER TREATMENT PLANTER

GARAGE ENTRY

BIKE RACK LOOPS UNDER THE OVERHANG

SCORED CONCRETE PAVING WITH MEDIUM BROOM FINISH

CONCRETE WALL SEATING AT CONCRETE PLANTERS

TRAVERTINE TILE ACCENT PAVING IN PLAZA

24" HT. RAISED PLANTERS W/ CONCRETE HORIZ. BOARD FINISH

LOW FLOWERING PLANTING IN PLAZA PLANTERS

TALL, NARROW CANOPY DECIDUOUS TREES

SMALL FLOWERING ACCENT TREES

36" HT. RAISED STORMWATER TREATMENT PLANTER

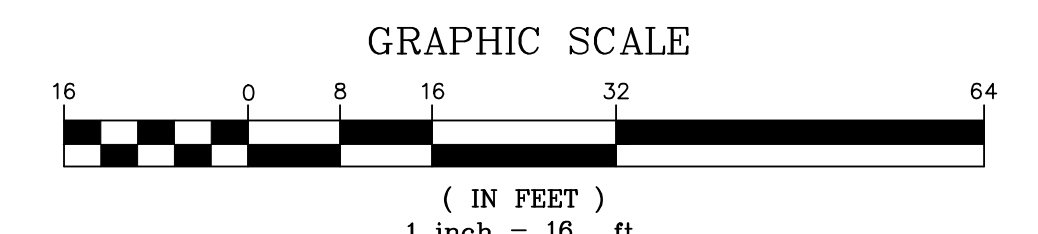
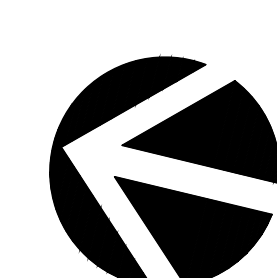
24" HT. PREFABRICATED FIBERGLASS PLANTERS SET BACK OF SEATWALLS

TRAVERTINE STEPS FROM THE RAISED BREEZEWAY

TRAVERTINE TILE ACCENT PAVING IN PLAZA

KITTRIDGE STREET

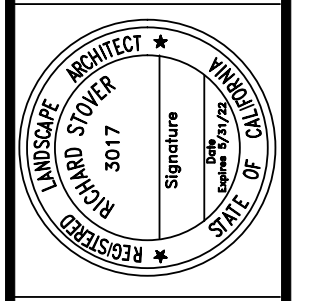
HAROLD WAY



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

| REVISIONS | |
|-----------|------------------------------|
| ▲ | Use Permit Resubmit 12/10/21 |
| ▲ | |
| ▲ | |
| ▲ | |
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RW Stover & Associates, Inc.
Landscape Architecture
1620 North Main Street, Suite 4
Berkeley, CA 94706
PH: 510.533.2485

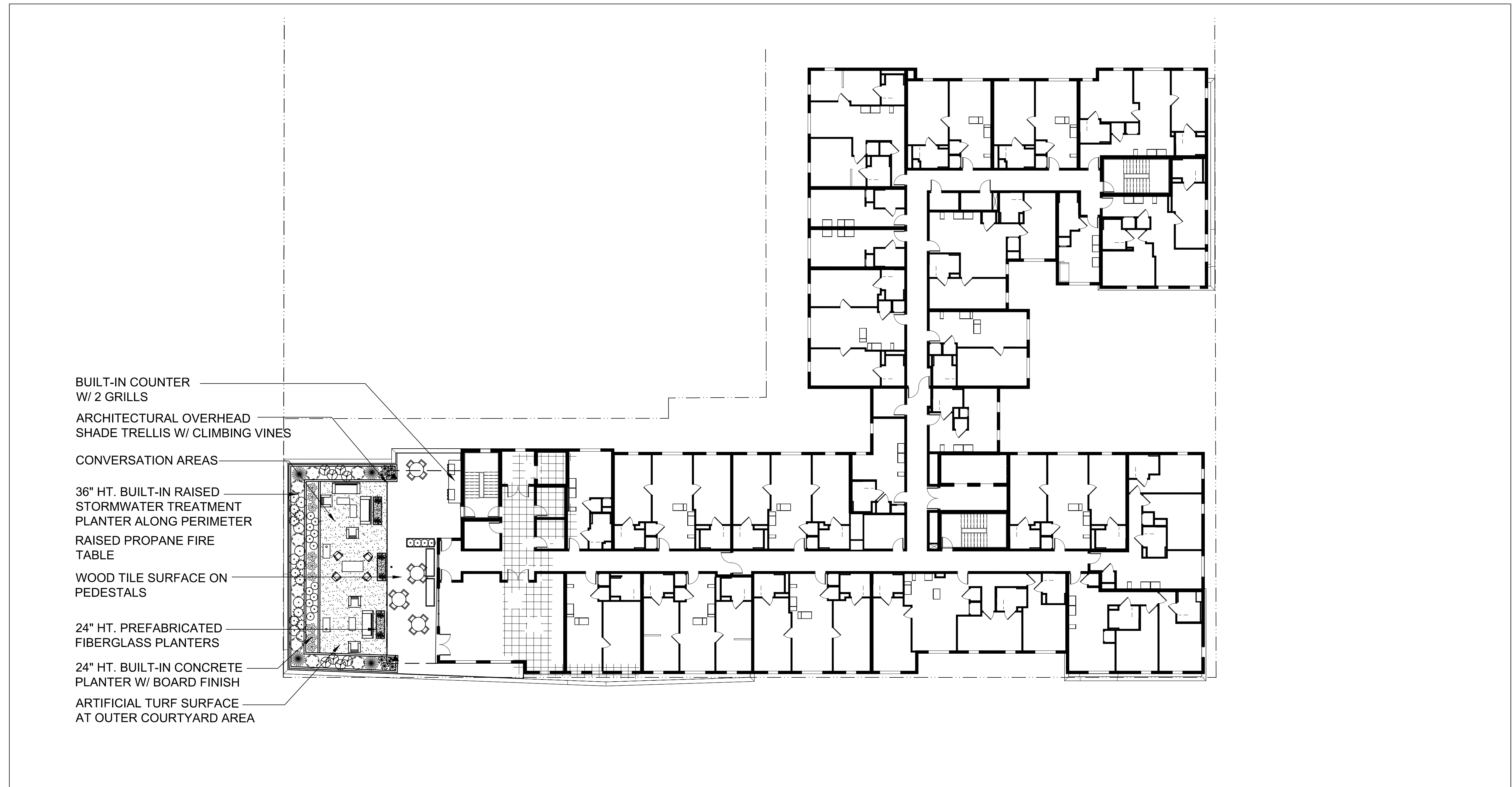


BERKELEY PLAZA
2065 KITTRIDGE STREET
BERKELEY, CALIFORNIA

GROUND LEVEL
PRELIMINARY
LANDSCAPE PLAN

| | |
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| DESIGNED: | DRAWN: |
| CHECKED: | JOB NO.: |
| DATE 9-23-21 | |
| SCALE | |

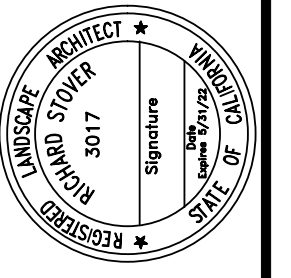
SHEET
L1
OF SHEETS



- BUILT-IN COUNTER
W/ 2 GRILLS
- ARCHITECTURAL OVERHEAD
SHADE TRELLIS W/ CLIMBING VINES
- CONVERSATION AREAS
- 36" HT. BUILT-IN RAISED
STORMWATER TREATMENT
PLANTER ALONG PERIMETER
- RAISED PROPANE FIRE
TABLE
- WOOD TILE SURFACE ON
PEDESTALS
- 24" HT. PREFABRICATED
FIBERGLASS PLANTERS
- 24" HT. BUILT-IN CONCRETE
PLANTER W/ BOARD FINISH
- ARTIFICIAL TURF SURFACE
AT OUTER COURTYARD AREA

| REVISIONS | |
|-----------|---------------------|
| ▲ | Use Permit Resubmit |
| ▲ | 12/10/21 |
| ▲ | |
| ▲ | |
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RW Stover & Associates, Inc.
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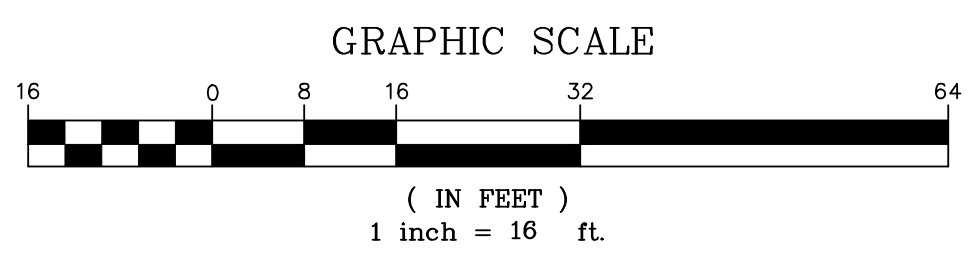
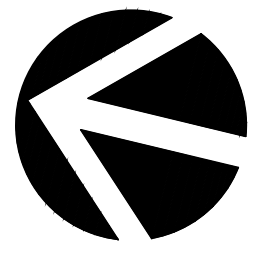
BERKELEY PLAZA
2065 KITTREDGE STREET
BERKELEY, CALIFORNIA

EIGHTH FLOOR
PRELIMINARY
LANDSCAPE PLAN

| | |
|-----------------|---------|
| DESIGNED: | DRAWN: |
| CHECKED: | JOB NO: |
| DATE 9-23-21 | |
| SCALE | |

SHEET
L2

OF SHEETS



REFER TO SHEET L3 FOR PLANT LIST AND IMAGES

PROPOSED PLANT MATERIAL LIST (ALL BUILDING LEVELS):

| BOTANICAL NAME | COMMON NAME | QUANTITY | SIZE | WUCOLS WATER USE | NATIVE |
|------------------------------------|-----------------------|----------|---------|------------------|--------|
| TREES: | | | | | |
| STREET TREE (CITY-APPROVED) | | 4 | 24" BOX | MED | NO |
| CARPINUS BETULSU 'FASTIGIATA' | EUROPEAN HORNBEAM | 3 | 24" BOX | MED | NO |
| *CERCIS OCCIDENTALIS (LOW-BRANCH) | WESTERN REDBUD | 3 | 24" BOX | LOW | YES |
| SHRUBS: | | | | | |
| *CALYCANTHUS OCCIDENTALIS | SPICE BUSH | 12 | 5 GA | LOW | YES |
| ERIOGONUM ARBORESCENS | BUCKWHEAT | 27 | 5 GA | LOW | YES |
| *SALVIA CLEVE. 'WINNIFRED GILLMAN' | CALIFORNIA BLUE SAGE | 27 | 5 GA | LOW | YES |
| TEUCRIUM 'COMPACTA' | DWARF GERMANDER | 7 | 5 GA | LOW | NO |
| VINES: | | | | | |
| ▲ CLYTOSTOMA CALLESTEGIOIDES | LAVENDER TRUMPET VINE | 2 | 5 GA | MED | NO |
| PERENNIALS / GRASSES: | | | | | |
| *ACHILLEA MILLEFOLIUM | COMMON YARROW | 49 | 1 GA | LOW | YES |
| ERIGERON GLAUCUS | BEACH ASTER | 44 | 1 GA | LOW | YES |
| *FESTUCA CALIFORNICA | CALIFORNIA FESCUE | 18 | 5 GA | LOW | YES |
| IRIS DOUGLASII | PACIFIC COAST IRIS | 11 | 5 GA | LOW | YES |
| *JUNCUS PATENS | CALIFORNIA GRAY RUSH | 26 | 1 GA | LOW | YES |
| *MUHLENBERGIA RIGENS | DEER GRASS | 30 | 5 GA | LOW | YES |
| PENSTEMON SPECTABILIS | BEARD TONGUE | 43 | 1 GA | LOW | YES |
| POLYPODIUM CALIFORNICUM | POLYPODY | 44 | 5 GA | VERY LOW | YES |

POLLINATOR PLANTS NOTE: 75% OF PLANT PALETTE IS NATIVE POLLINATOR SPECIES (114 OF 153 SPECIMENS)
* DENOTES PLANT SPECIES SELECTED FROM THE ALAMEDA COUNTY APPENDIX B STORMWATER MEASURES PLANT LIST

EV 2CM Porcelain Pavers

Porcelain Pavers

Rectified straight edge in multiple sizes

Travertine

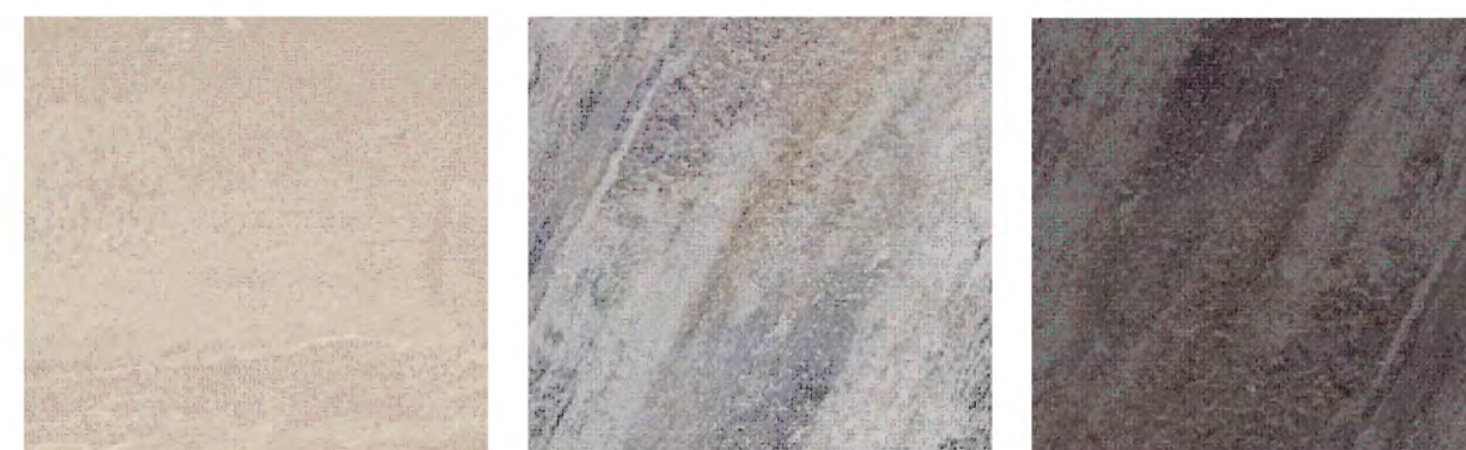


Ivory travertine

Silver travertine

Navona travertine

Quartz



Ivory quartz

Silver quartz

Grey quartz



PREFABRICATED PLANTERS
TOURNESOL 'WILSHIRE' COLLECTION
COLOR: BRONZE



BUILT-IN CONCRETE WALLS WITH
HORIZONTAL BOARDFORM FINISH

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 | 3,153 | 1167.777556 | 30264.1 |
| MEDIUM WATER USE | 0.5 | BUBBLER | 0.81 | 0.6172839 | 39 | 24.0740721 | 623.9 |
| TOTALS: | | | | | 3192 | 1192 | |
| 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: | | | | | | | 30,888 |
| MAXIMUM ALLOWED WATER ALLOWANCE (MAWA): | | | | | | | 37,226 |
| ETAF CALCULATIONS: | | | | | | | |
| REGULAR LANDSCAPE AREAS: | | | | | | | |
| TOTAL ETAF x AREA | | | 1.192 | | | | |
| TOTAL LANDSCAPE AREA | | | 3.192 | | | | |
| AVERAGE ETAF | | | 0.37 | | | | |
| ALL LANDSCAPE AREAS: | | | | | | | |
| TOTAL ETAF x AREA | | | 1.192 | | | | |
| TOTAL LANDSCAPE AREA | | | 3.192 | | | | |
| SITEWIDE ETAF | | | 0.37 | | | | |

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.

GENERAL NOTES:

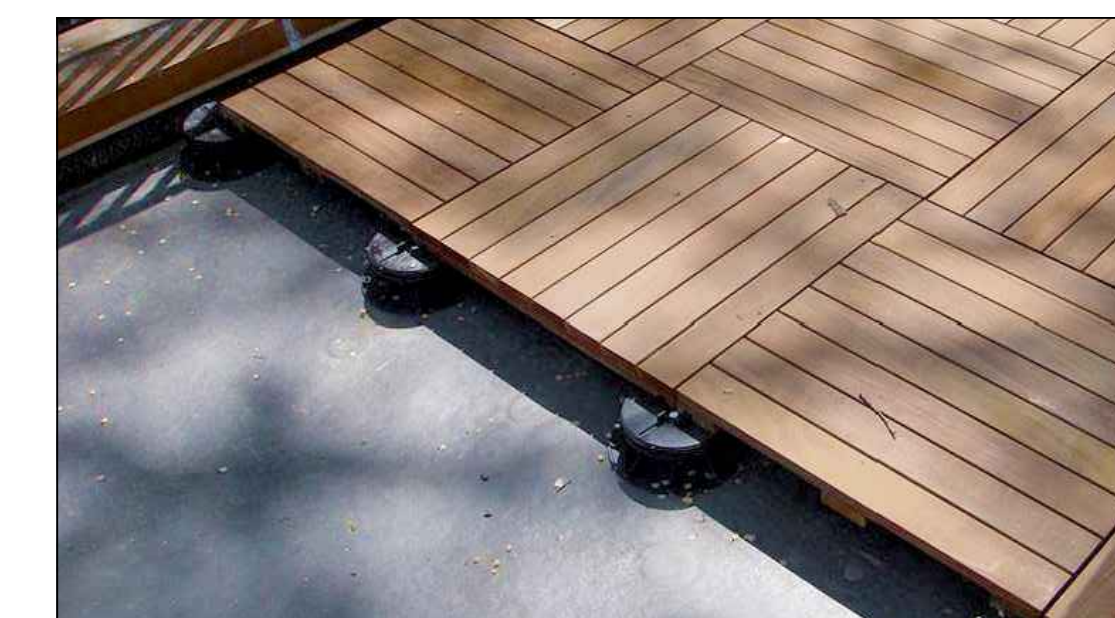
- ALL PLANTING SHALL BE WATERED BY FULLY AUTOMATIC, WATER-CONSERVING IRRIGATION SYSTEM.
- ALL PLANTING AREAS, EXCEPT FOR STORMWATER TREATMENT PLANTERS, SHALL RECEIVE A 3" LAYER OF FIBBARK MULCH DRESSING.
- STORMWATER TREATMENT PLANTERS SHALL RECEIVE A 2" DEEP LAYER OF 1-3/8"Ø DECORATIVE RIVER-WASHED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

DECORATIVE TRAVERTINE PAVERS

GROUND LEVEL KITTREDGE PLAZA: SILVER TRAVERTINE
ALLSTON WAY PLAZA: IVORY QUARTS TRAVERTINE



BIKE RACKS
COLUMBIA CASCADE LOOP RACK
WITH GALVANIZED FINISH



WOOD TILES ON PEDESTALS
(ROOF DECK)



ARTIFICIAL TURF ON ROOF DECK

PROJECT PRIVATE USABLE LANDSCAPE OPEN SPACE

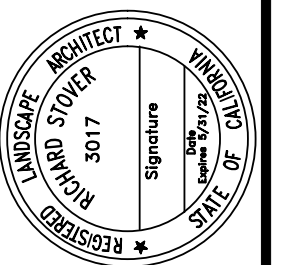
| | TOTAL AREA | LANDSCAPE AREA |
|----------------|------------|----------------|
| • GROUND LEVEL | 5,141 SF | 1,502 SF |
| • ROOF LEVEL | 2,744 SF | 1,690 SF |
| | 7,885 SF | 3,192 SF |

CITY REQUIREMENT THAT LANDSCAPE AREA EQUALS 40% OF USABLE PRIVATE OPEN SPACE
TOTAL AREA OF LANDSCAPE PROVIDED EQUALS 40.5% OF USABLE PRIVATE OPEN SPACE

REVISIONS

| | | |
|---|---------------------|----------|
| 1 | Use Permit Resubmit | 12/10/21 |
| | | |
| | | |
| | | |
| | | |
| | | |

RW Stover & Associates, Inc.
Landscape Architecture
1620 North Main Street, Suite 4
Berkeley, CA 94706
PH: 415.851.2485



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 SHEETS



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

| No. | Description | Date |
|-----|----------------------|----------|
| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |
| | | |
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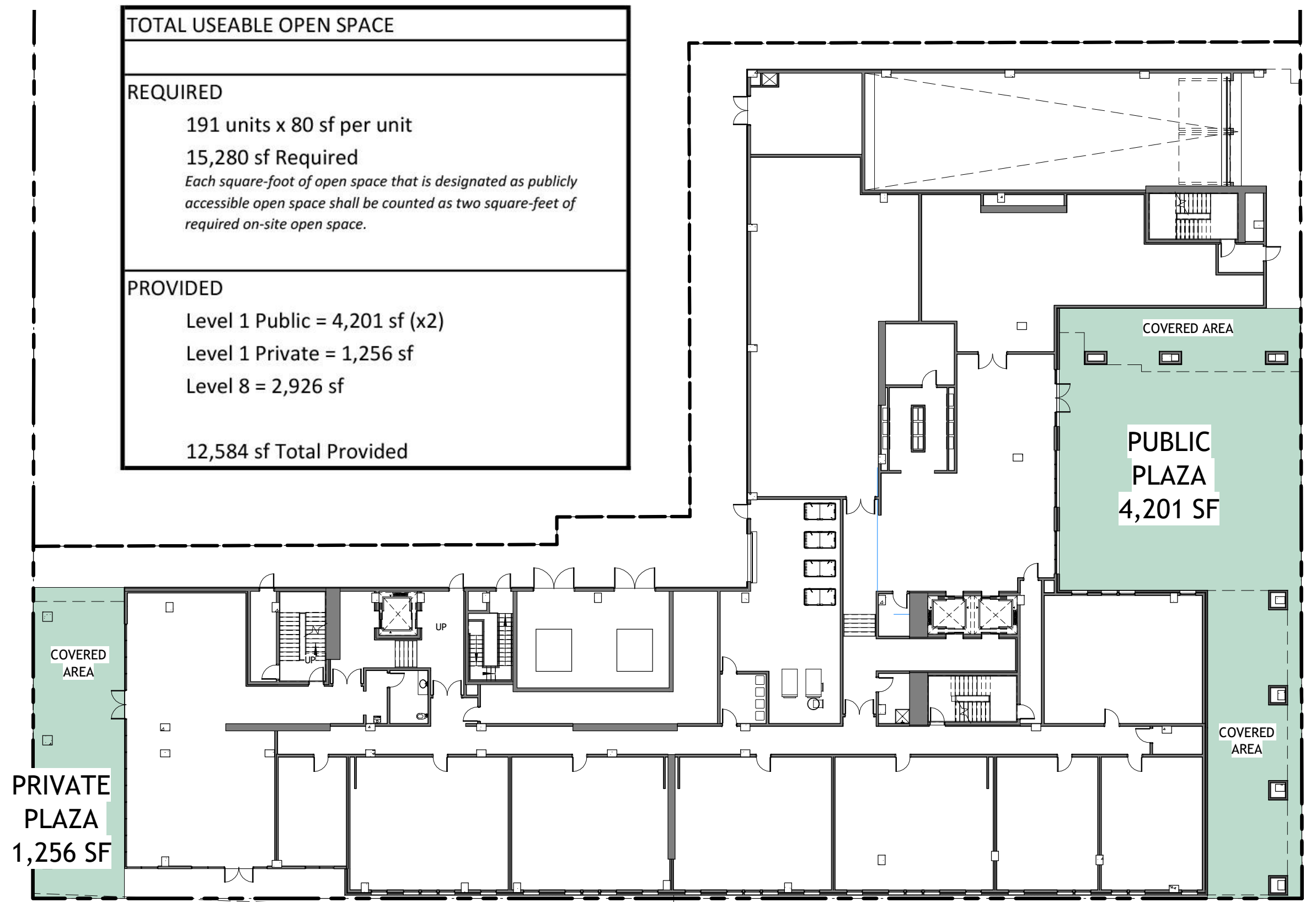
BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704
CA VENTURES

SHEET TITLE:
SITE DIAGRAMS

SHEET NUMBER:
A0-008

NOT RELEASED FOR CONSTRUCTION

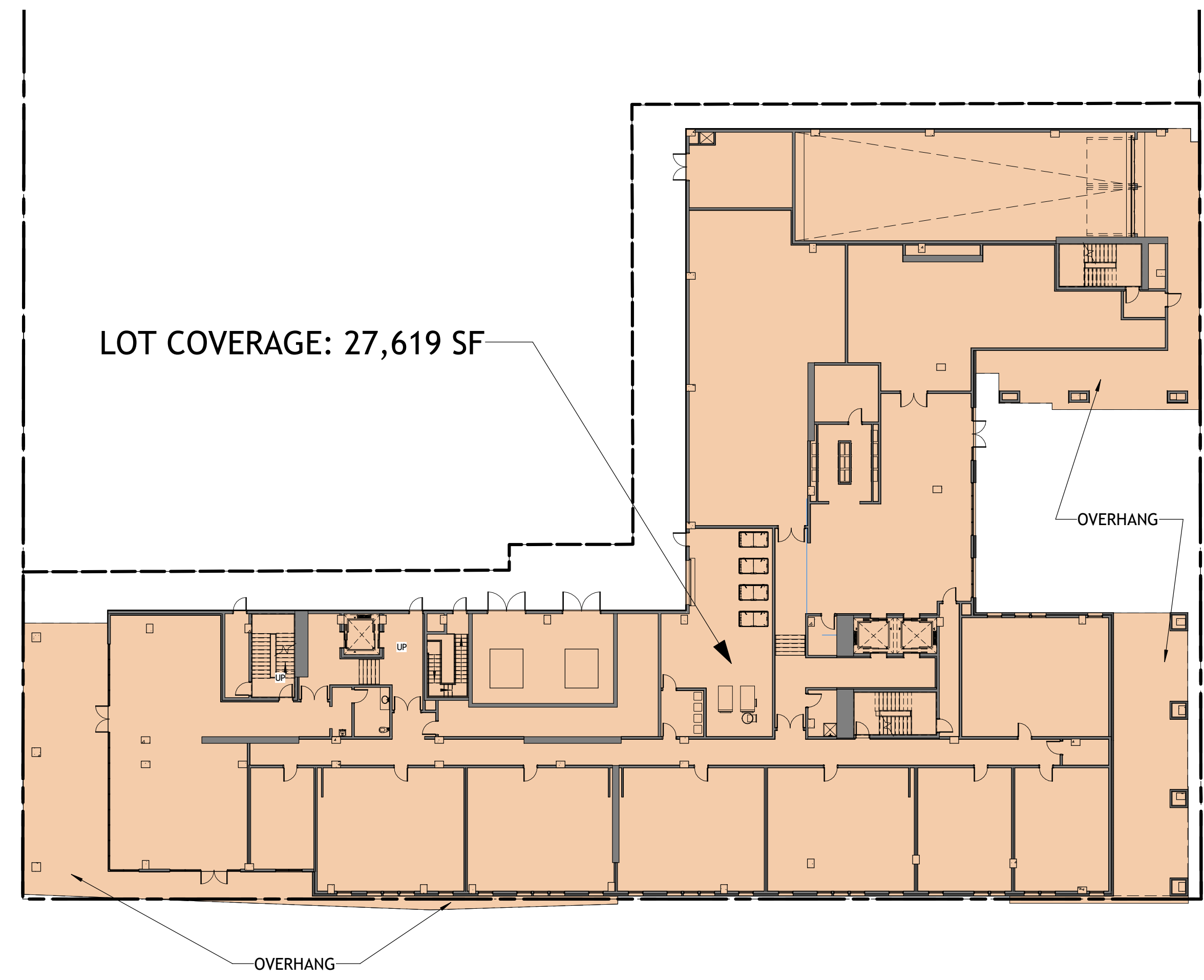
| TOTAL USEABLE OPEN SPACE | |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REQUIRED | 191 units x 80 sf per unit 15,280 sf Required <i>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.</i> |
| PROVIDED | Level 1 Public = 4,201 sf (x2) Level 1 Private = 1,256 sf Level 8 = 2,926 sf 12,584 sf Total Provided |



1 USEABLE OPEN SPACE- LEVEL 1
A0-008 3/64" = 1'-0"



2 USEABLE OPEN SPACE- LEVEL 8
A0-008 3/64" = 1'-0"



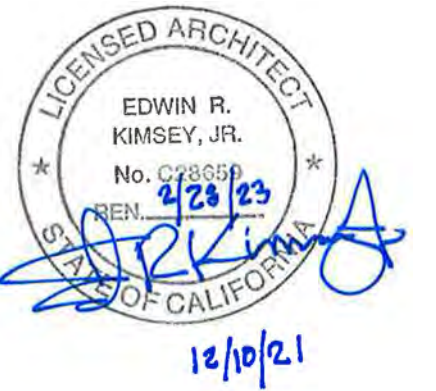
3 LOT COVERAGE DIAGRAM
A0-008 3/64" = 1'-0"

L

BERKELEY PLAZA

2065 KITTREDGE ST, BERKELEY, CA 94704

CA VENTURES



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

| No. | Description | Date |
|-----|----------------------|----------|
| 3 | SD SET | 9/16/21 |
| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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BERKELEY PLAZA
 2065 KITTREDGE ST
 BERKELEY, CA 94704

CA VENTURES



SHEET LIST

- A0-000 COVER SHEET
- 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 - BASE
- A0-006 DENSITY BONUS PLANS - PROPOSED
- A0-007 DENSITY BONUS MODEL
- A0-008 SITE DIAGRAMS

- A1-0U1 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
- A1-R1 PLAN- ROOF
- A3-001 ELEVATIONS- WEST
- A3-002 ELEVATIONS- SOUTH
- A3-003 ELEVATIONS- NORTH
- A3-004 ELEVATIONS- EAST
- A3-005 BUILDING SECTION
- A3-006 PERSPECTIVES
- A3-007 SHADOW STUDIES - JUNE 21
- A3-008 SHADOW STUDIES - DEC 21
- A3-009 SHADOW STUDIES - DEC 10
- A3-010 STREET STRIP ELEVATIONS
- A5-001 SAMPLE UNITS
- A5-002 SAMPLE UNITS

DEVELOPER

CA STUDENT LIVING BERKELEY, LLC
130 E RANDOLPH STREET
SUITE 2100
CHICAGO, IL 60601
CONTACT: JESSICA LEO
PHONE: (304) 238-4745

ARCHITECTURE

NILES BOLTON ASSOCIATES
3060 PEACHTREE RD. N.W.
SUITE 600
ATLANTA, GA 30305
CONTACT: MOHAMED MOHSEN
PHONE: (404) 365-7600

CIVIL ENGINEERING

LANGAN ENGINEERING AND ENVIRONMENTAL SERVICES, INC.
135 MAIN STREET
SUITE 1500
SAN FRANCISCO, CA 94105
CONTACT: JASON JOH
PHONE: (415) 955-5200

LANDSCAPE ARCHITECTURE

THOMAS BAAK AND ASSOCIATES, LLP
1620 NORTH MAIN STREET
SUITE 4
WALNUT CREEK, CA 94596
CONTACT: RICK STOVER
PHONE: (925) 933-2583

STRUCTURAL ENGINEERING

DCI ENGINEERS
135 MAIN STREET
SUITE 1800
SAN FRANCISCO, CA 94105
CONTACT: MICHAEL BAUER
PHONE: (415) 638-8913

DOCUMENT ISSUANCES:

- 09-16-21 | SCHEMATIC DESIGN
- 10-25-21 | USE PERMIT
- 12-10-21 | USE PERMIT RESUBMISSION

SHEET TITLE:

COVER SHEET

SHEET NUMBER:

A0-000

NOT RELEASED FOR CONSTRUCTION



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



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



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



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



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

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Suite 600
Atlanta, GA 30305

T 404 365 7600

www.nilesbolton.com

| No. | Description | Date |
|-----|----------------------|----------|
| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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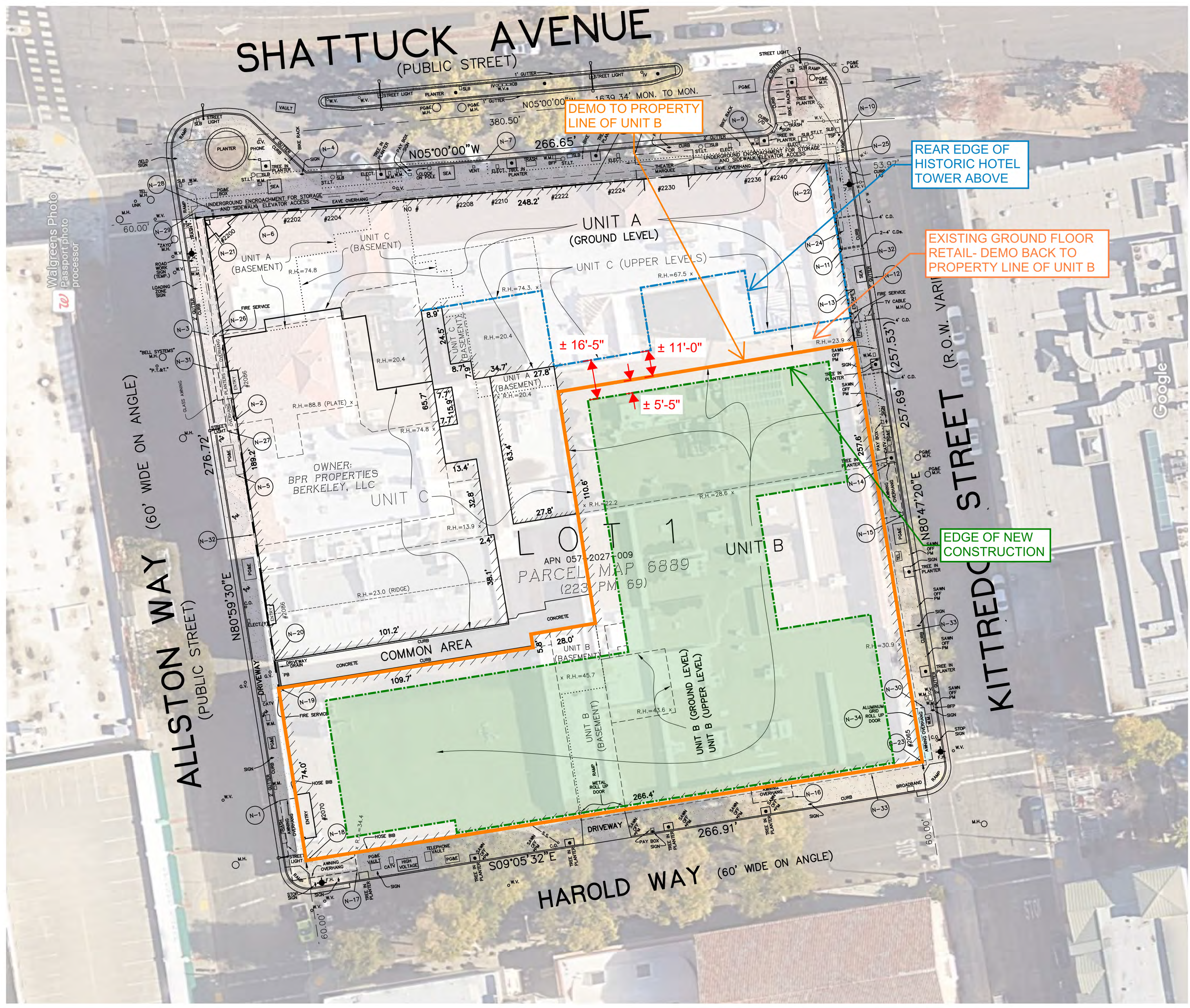
CA VENTURES

SHEET TITLE:
EXISTING SITE PHOTOS

SHEET NUMBER:

A0-001

NOT RELEASED FOR CONSTRUCTION



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

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www.nilesbolton.com

| No. | Description | Date |
|-----|----------------------|----------|
| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
DEMO SITE PLAN EXHIBIT

SHEET NUMBER:
A0-002

1 DEMO SITE PLAN EXHIBIT
A0-002 NOT TO SCALE

NOT RELEASED FOR CONSTRUCTION

UNIT MIX

| Name | Unit Count | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total Units | Total Beds | | |
|-----------------------|------------|-----|------|------|-----|-------|-------|-----|------|------|-----|------|------|------|------|------|------|------|------|------|-----|-----|------|------|------|------|-----|-----|-------------|------------|----------|-----|
| | 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 |
| 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 | 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 | 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 | | |
| Floor 8 | 1 | 1 | - | 1 | - | 2 | - | 1 | 1 | 1 | 2 | 4 | 1 | - | - | - | - | 1 | - | 1 | 1 | 1 | - | 1 | - | 1 | 1 | - | - | 1 | 23 | 68 |
| 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 |
| 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 |
| 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 |
| 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 |
| Floor 3 | 1 | 1 | 1 | - | - | 2 | 1 | 1 | 1 | - | 2 | 4 | 1 | 1 | 1 | 1 | - | 1 | - | 1 | - | 1 | 1 | 1 | - | 1 | 1 | 1 | 1 | 1 | 27 | 85 |
| Floor 2 | 1 | 1 | 1 | - | 1 | 2 | - | 1 | 2 | - | 2 | 4 | 4 | - | - | - | - | - | - | 1 | 1 | 1 | 1 | - | 1 | - | 1 | - | - | 1 | 25 | 71 |
| Floor 1 | - | - | - | - | 1 | - | - | - | - | 2 | - | 1 | 4 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 | 25 |
| Floor -1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Total Units | 7 | 7 | 2 | 5 | 2 | 14 | 5 | 7 | 6 | 5 | 14 | 29 | 14 | 5 | 5 | 1 | 4 | 1 | 5 | 2 | 7 | 7 | 6 | 1 | 6 | 1 | 7 | 5 | 5 | 6 | 191 | 589 |
| 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 | |
| Total Bedrooms | 7 | 7 | 2 | 5 | 2 | 14 | 5 | 7 | 6 | 5 | 14 | 58 | 28 | 10 | 10 | 2 | 8 | 2 | 10 | 4 | 14 | 14 | 12 | 2 | 12 | 2 | 14 | 10 | 15 | 18 | 319 | |
| 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 | 12 | 10 | 28 | 116 | 56 | 20 | 20 | 4 | 16 | 4 | 20 | 8 | 28 | 28 | 24 | 4 | 24 | 4 | 28 | 20 | 30 | 36 | 589 | |
| Bed Mix | 1% | 1% | 0% | 1% | 0% | 2% | 1% | 1% | 2% | 2% | 5% | 20% | 10% | 3% | 3% | 1% | 3% | 1% | 3% | 1% | 5% | 5% | 4% | 1% | 4% | 1% | 5% | 3% | 5% | 6% | 100% | |

| | Square Footage Calc | | | | | | | | | | | | | | | | | | | | | | | | | | | | Total | | | |
|--------------|---------------------|------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|---------------|--------------|--------------|--------------|--------------|------------|--------------|--------------|--------------|--------------|--------------|------------|--------------|------------|--------------|--------------|--------------|--------------|----------------|--------|---|
| | 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 | |
| 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 | 3 | 3 |
| 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 | 3 | 3 |
| 1 | 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 | 6 | 6 | 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 | - | - | - | 1,276 | - | - | 952 | 3,944 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6,534 | |
| Floor -1 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 2,695 | 2,632 | 762 | 1,875 | 724 | 4,508 | 1,740 | 2,065 | 3,828 | 8,974 | 3,165 | 27,608 | 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 | 150,707 | | |
| AVG. | 347 | | | | | | | 639 | | | 968 | | | | | | | | | | | | | | | | 1,374 | | | | | |

AREA TABLE

| Floors | GSF | Common | Utility | Res. | Amenity / Lobby | Parking | Exterior SF (not in GSF) | # Units | # Parking | Efficiency | Height |
|--------------|----------------|---------------|---------------|----------------|-----------------|---------------|--------------------------|------------|-----------|------------|--------|
| Floor 8 | 22,683 | 3,846 | 461 | 17,428 | 948 | | 2,926 | 23 | | 76.8% | 85 |
| Floor 7 | 26,009 | 3,852 | 461 | 21,696 | | | | 27 | | 83.4% | 74 |
| Floor 6 | 26,009 | 3,852 | 461 | 21,696 | | | | 27 | | 83.4% | 64 |
| Floor 5 | 26,009 | 3,852 | 461 | 21,696 | | | | 27 | | 83.4% | 54 |
| Floor 4 | 26,009 | 3,852 | 461 | 21,696 | | | | 27 | | 83.4% | 44 |
| Floor 3 | 26,009 | 3,852 | 461 | 21,696 | | | | 27 | | 83.4% | 34 |
| Floor 2 | 23,687 | 3,728 | 379 | 18,583 | 997 | | | 25 | | 78.5% | 24 |
| Floor 1 | 23,549 | 3,603 | 3,451 | 6,550 | 7,808 | | 2,137 | 8 | | 27.8% | 14 |
| Floor -1 | 25,060 | 2,173 | 4,540 | | | | 18,347 | - | 43 | | (10) |
| Total | 225,024 | 32,610 | 11,136 | 151,041 | 9,753 | 20,484 | 2,926 | 191 | 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 191 UNITS (589 BEDS). THE PROJECT UNIT TYPES INCLUDE STUDIOS, 1 BEDROOM, 2 BEDROOM, AND 3 BEDROOM UNITS.

THE BUILDING TOTALS 225,024 GSF, WHICH INCLUDES 151,041 SF OF RESIDENTIAL AREA AND 9,753 SF OF INDOOR RESIDENTIAL AMENITY AREA IN ADDITION TO 2,926 SF OF ELEVATED ROOF TERRACE AMENITY.

THE PROJECT IS DESIGNED AS TYPE-III A 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 116 BIKE PARKING SPACES ON THE BASEMENT LEVEL.



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

| 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 |

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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

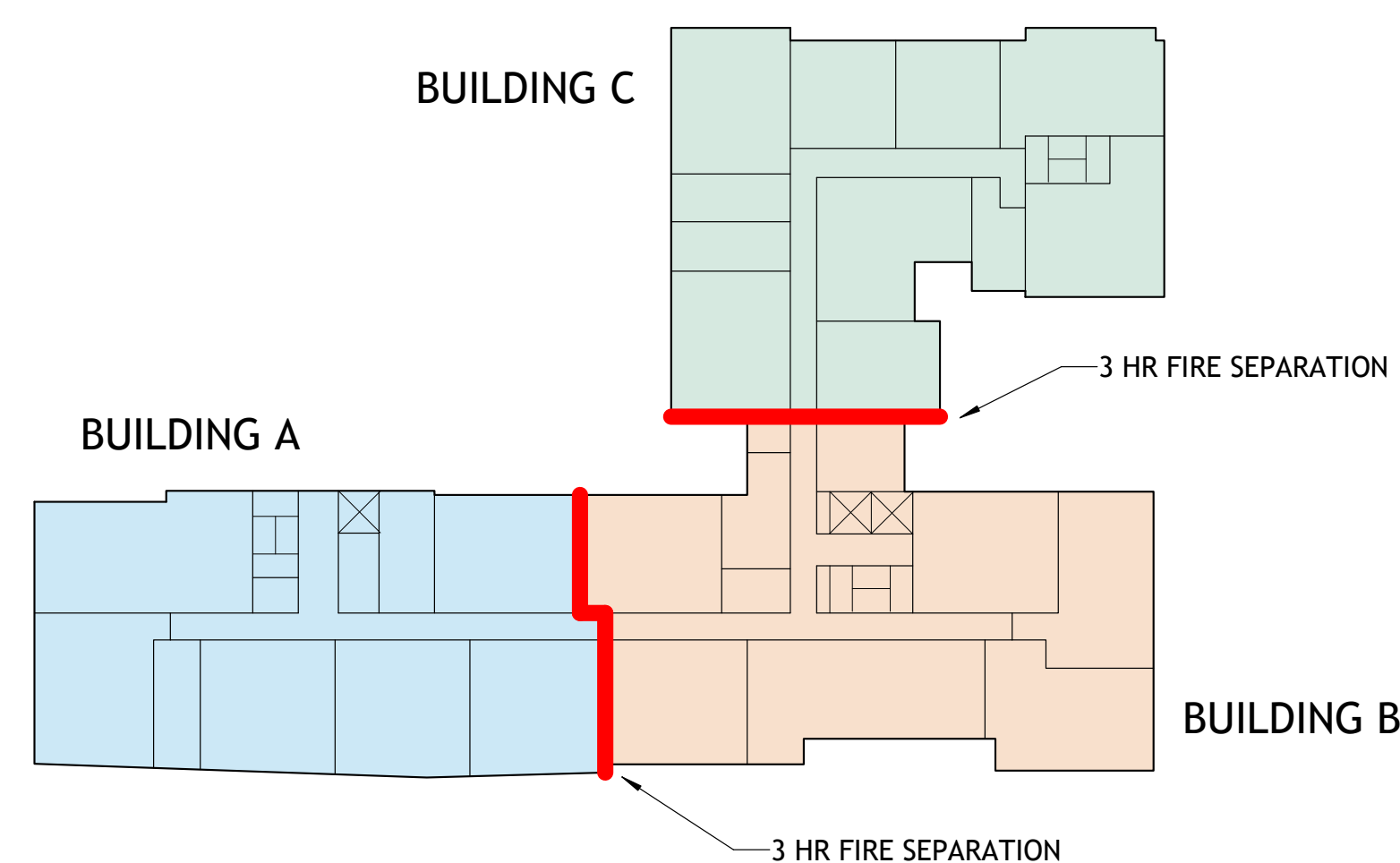
CONSTRUCTION INFORMATION

| 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 | | | | |
| MAX ALLOWABLE STORIES: 5 | | | | |
| BUILDING HEIGHT, PER CBC TABLE 504.3 AND 504.4 | ACTUAL STORIES (ABOVE PODIUM): 5 | | | |
| | MAX ALLOWABLE HEIGHT: 85' | | | |
| | ACTUAL HEIGHT (ABOVE AVG GRADE): 84' | | | |
| BUILDING AREA, PER CBC TABLE 506.2 [A1+(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 | | 24,000 + | 24,000 + | 24,000 + |
| NS: Tabular Area Factor for non Sprinkled | | (24,000 X 0) | (24,000 X 0) | (24,000 X 0) |
| If: Frontage Increase | | X2 = | X2 = | X2 = |
| Sa: 2 (R Occupancy) | | | | |
| TOTAL ALLOWABLE AREA | | 48,000 SF | 48,000 SF | 48,000 SF |
| TYPE IA CONSTRUCTION | | | | |
| MAX ALLOWABLE STORIES: UNLIMITED | | | | |
| BUILDING HEIGHT PER CBC TABLE 504.3 AND 504.4 | 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 | | | |

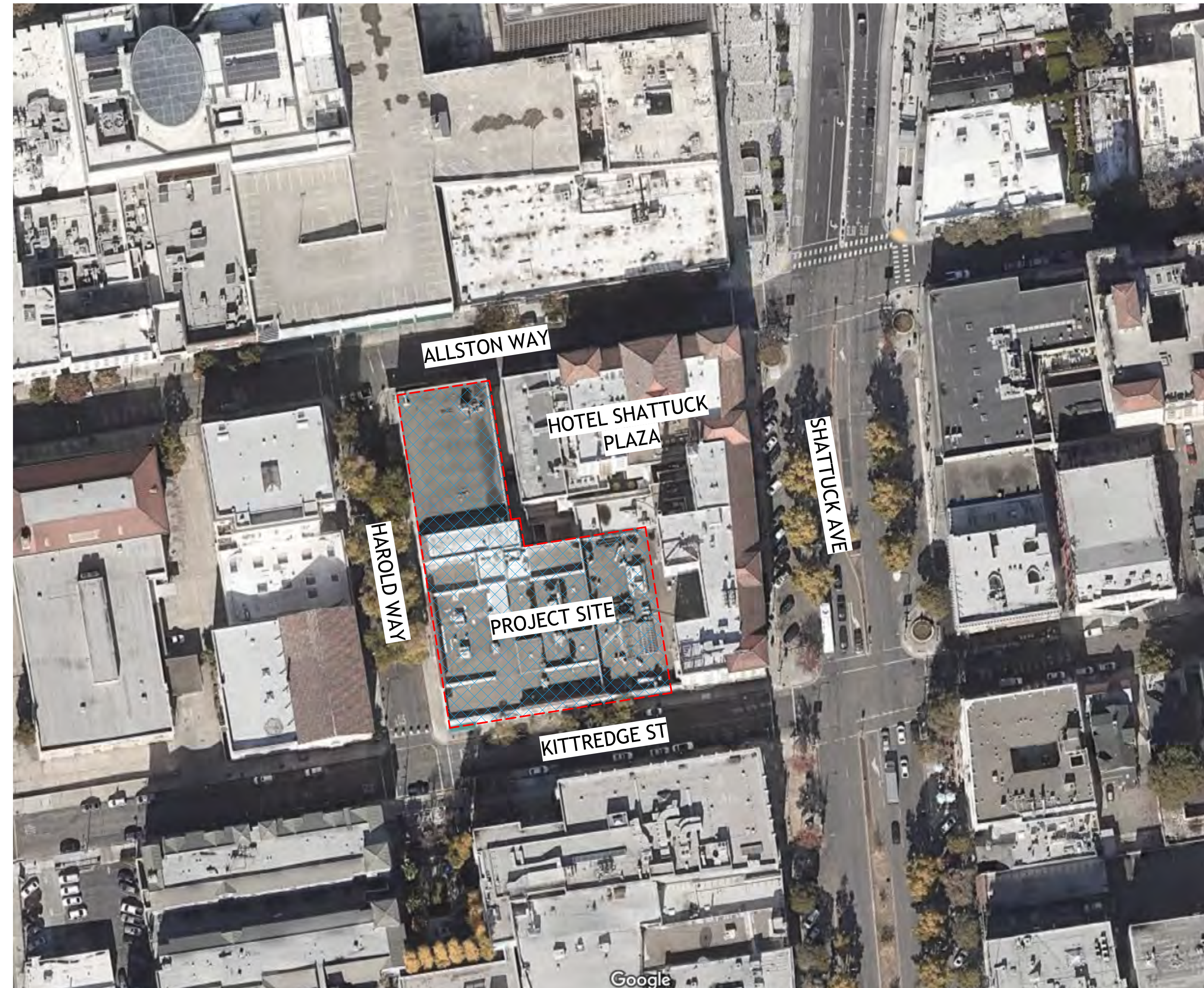
| FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS PER TABLE 601 | | | | |
|-------------------------------------------------------------------------|------------------------|-----------|------------------------|-----------|
| BUILDING ELEMENT | REQUIRED HOURLY RATING | | PROVIDED HOURLY RATING | |
| | 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.



1 SITE MAP
A0-004 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 height limit for the district.
- 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

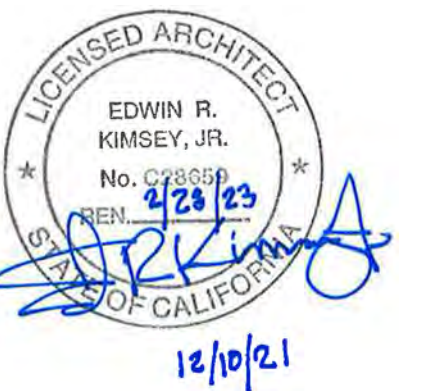
Project Address: 2065 Kittredge St Date: 12-10-21

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 | 191 | 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-Foot) | 33,582 sf | 33,582 sf | - | |
| Gross Floor Area* (Square-Foot) Total Area Covered by All Floors | 92,531 sf | 185,651 sf | - | |
| Building Footprint* (Square-Foot) Total of All Structures | 33,582 sf | 27,619 sf | - | |
| Lot Coverage* (%) (Footprint/Lot Area) | 100% | 82% | - | |
| Useable Open Space* (Square-Foot) | 0 | 12,584 sf | 15,280 sf | CONCESSION |
| Floor Area Ratio* Non-Residential only (Except ES-R) | 2.8:1 | 5.5:1 | - | |



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

NILES BOLTON ASSOCIATES

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| No. | Description | Date |
|-----|----------------------|----------|
| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:

ZONING AND CODE INFO

SHEET NUMBER:

A0-004

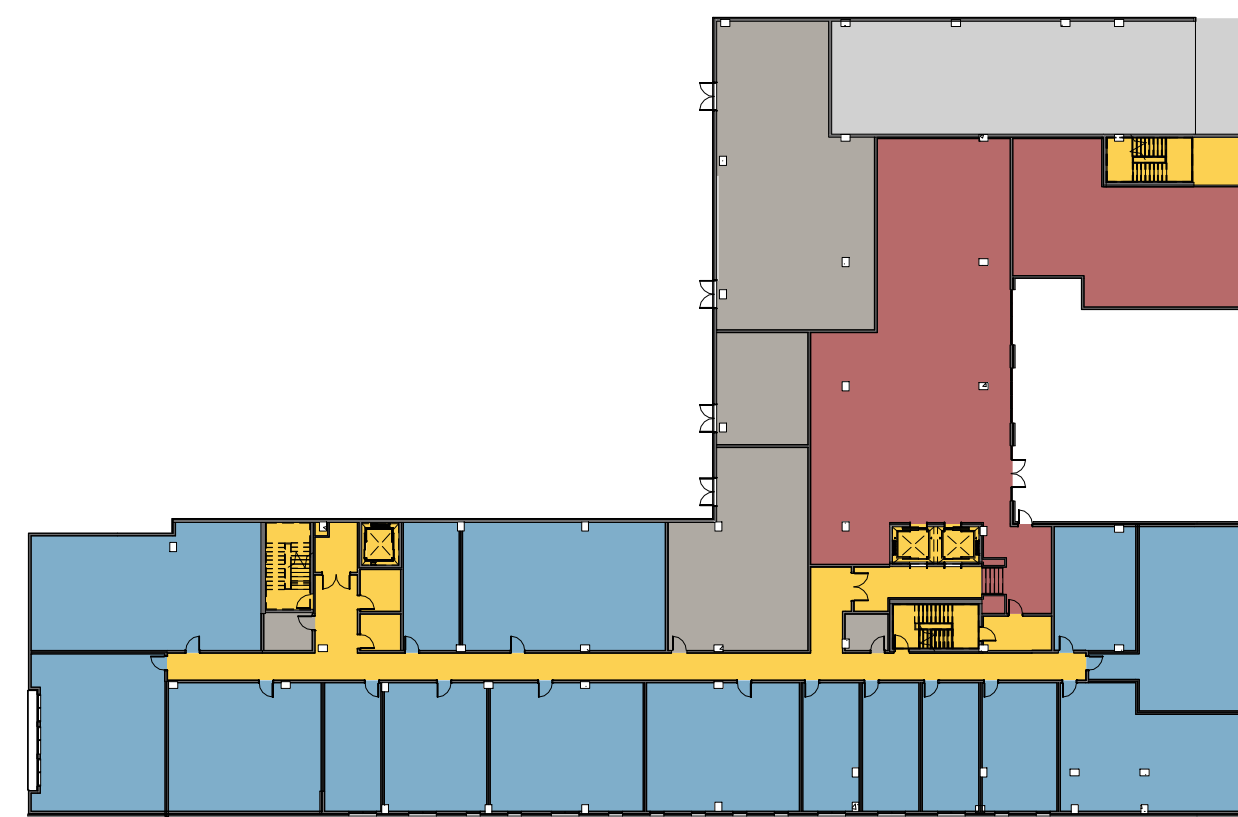
NOT RELEASED FOR CONSTRUCTION

BASE PROJECT AREA TOTALS

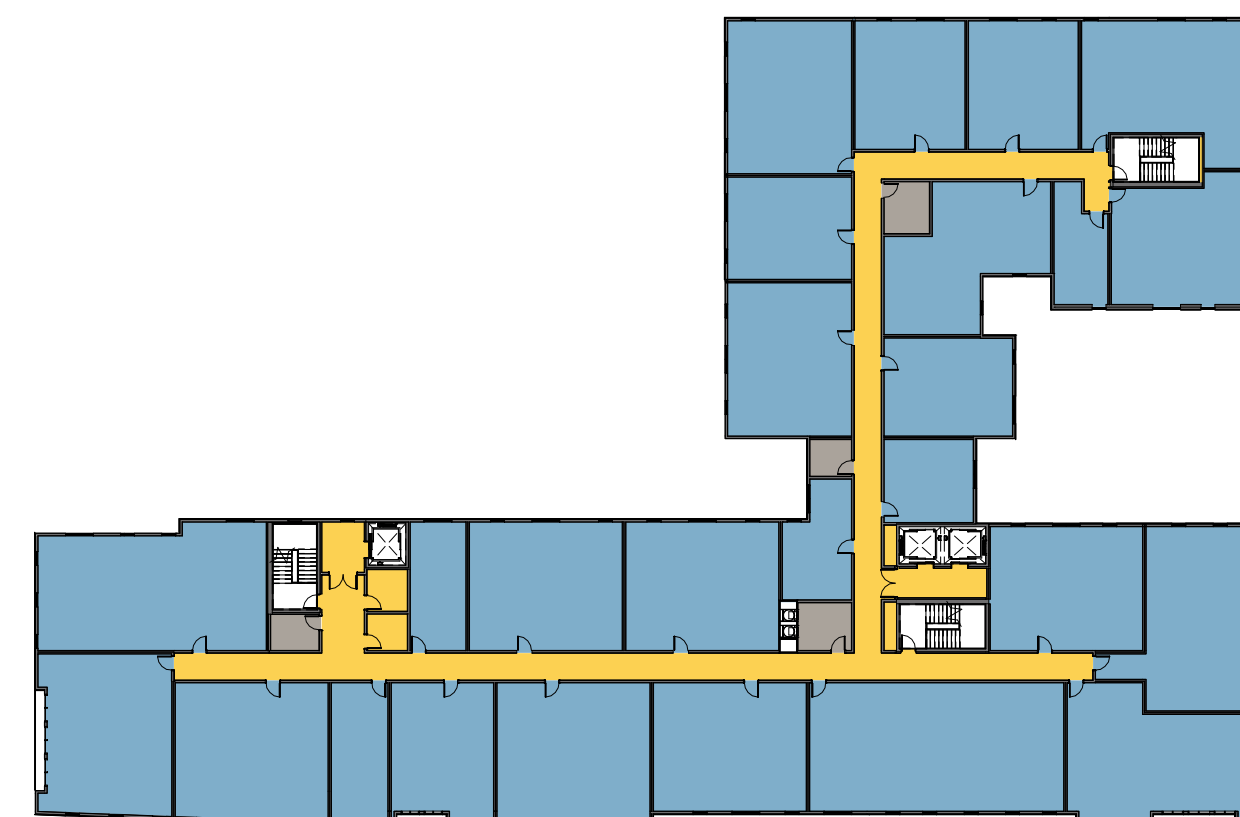
BASE PROJECT

| | RESIDENTIAL | COMMON | AMENITY | TOTAL |
|--------------|-------------|--------|---------|----------------|
| L1 | 12200 | 3237 | 5055 | 20,492 |
| L2 | 22135 | 3065 | | 25,200 |
| L3 | 22135 | 3065 | | 25,200 |
| L4 | 22135 | 3065 | | 25,200 |
| L5 | 22135 | 3065 | | 25,200 |
| L6 | 22135 | 3065 | | 25,200 |
| L7 | 14143 | 2441 | | 16,584 |
| TOTAL | | | | 163,076 |

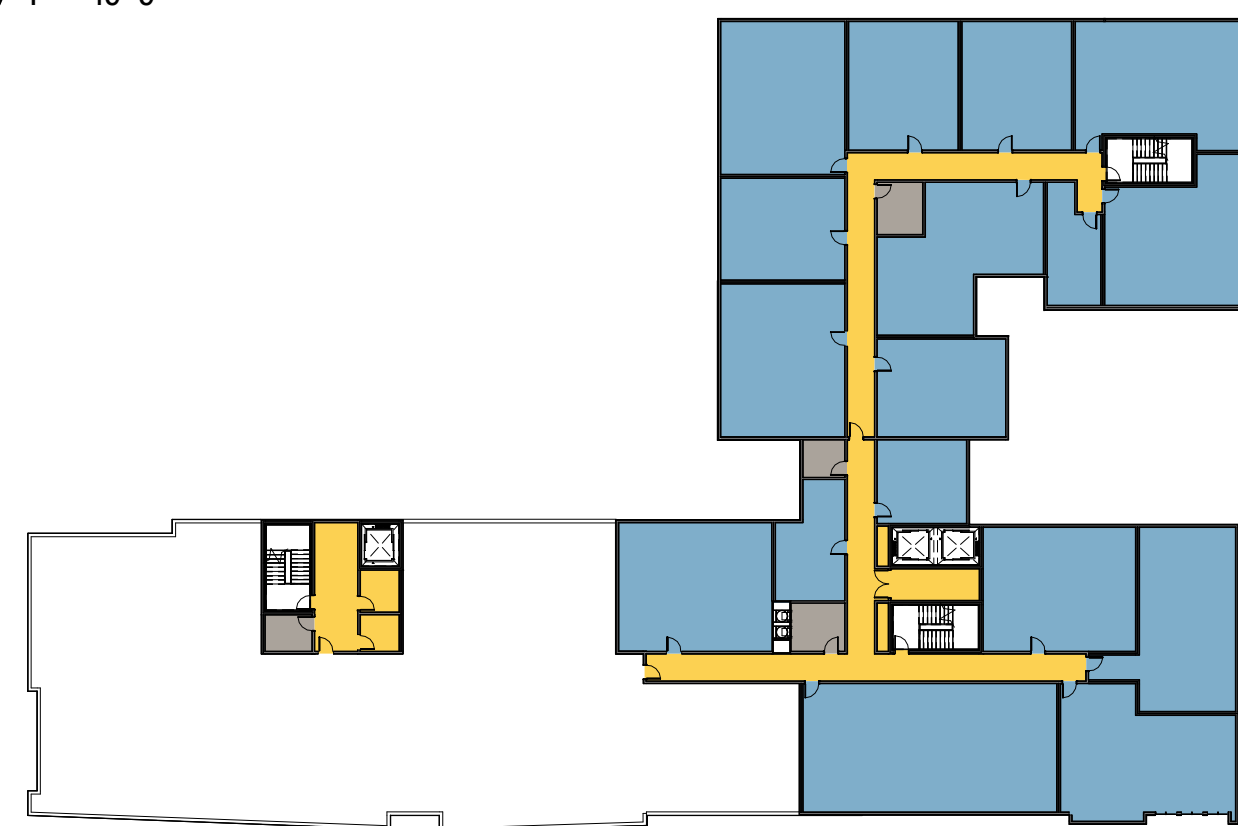
BASE PROJECT FLOORPLANS



1 BASE PLAN - LEVEL 1
A0-005 1" = 40'-0"



2 BASE PLAN - LEVELS 2-6
A0-005 1" = 40'-0"



3 BASE PLAN - LEVEL 7
A0-005 1" = 40'-0"

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. The bike room is located on the U1 level with the subterranean parking in both Projects. In the Base Project, 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 amenity. 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

BASE PROJECT TABULATION FORM

TABULATION FORM

Project Address: 2065 Kittredge St Date: 12-10-21
 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 | 163 | 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 | 7 | - | WAIVER |
| Average* (Feet) | 25' | 76' | - | WAIVER |
| Maximum* (Feet) | 25' | 76' | - | WAIVER |
| Areas | | | | |
| Lot Area (Square-Feet) | 33,582 sf | 33,582 sf | - | |
| Gross Floor Area* (Square-Feet) | 92,531 sf | 163,076 sf | - | |
| Total Area Covered by All Floors | | | | |
| Building Footprint* (Square-Feet) | 33,582 sf | 27,619 sf | - | |
| Total of All Structures | | | | |
| Lot Coverage* (Footprint/Lot Area) (%) | 100% | 82% | - | |
| Useable Open Space* (Square-Feet) | 0 | 13,601 sf | 13,040 sf | |
| Floor Area Ratio* Non-Residential only (Except ES-R) | 2.8:1 | 4.9:1 | - | |

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) |
| 163,076 | 167.77 | 168.00 | 5% | 8.40 | 9.00 | 20.0% | 33.60 | 34.00 | 202 |

| Base Project Square Footage (a,b) | Floor | Residential Sq. Footage Proposed (a) | Number of Units Proposed |
|-----------------------------------|--------------|--------------------------------------|--------------------------|
| 20,492 | first | 18,123 | 8 |
| 25,200 | second | 22,417 | 25 |
| 25,200 | third | 24,740 | 27 |
| 25,200 | fourth | 24,740 | 27 |
| 25,200 | fifth | 24,740 | 27 |
| 25,200 | sixth | 24,740 | 27 |
| 16,584 | seventh | 24,740 | 27 |
| | eighth | 21,411 | 23 |
| 163,076 | TOTAL | 185,651 | 191 |

| Total Square Footage: | %VLI | %DB |
|-------------------------------|------|-------|
| 185,651 | 5% | 20.0% |
| Proposed Units: 191 | 6% | 22.5% |
| Average Unit Size: 972 | 7% | 25.0% |
| | 8% | 27.5% |
| | 9% | 30.0% |
| | 10% | 32.5% |
| | 11% | 35.0% |

(a) Includes Residential Amenities (lobby, mailbox room, 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 #: 121246
 DRAWN BY: TF
 CHECKED BY: MM

NILES BOLTON ASSOCIATES

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 Atlanta, GA 30305

T 404 365 7600

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| No. | Description | Date |
|-----|----------------------|----------|
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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BERKELEY PLAZA
 2065 KITTREDGE ST
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CA VENTURES

SHEET TITLE:

DENSITY BONUS PLANS - BASE

SHEET NUMBER:

A0-005

NOT RELEASED FOR CONSTRUCTION

PROPOSED PROJECT AREA TOTALS

PROPOSED PROJECT

| | RESIDENTIAL | COMMON | AMENITY | TOTAL |
|----|-------------|--------|---------|--------|
| L1 | 6557 | 3659 | 7907 | 18,123 |
| L2 | 18568 | 2933 | 916 | 22,417 |
| L3 | 21671 | 3069 | | 24,740 |
| L4 | 21671 | 3069 | | 24,740 |
| L5 | 21671 | 3069 | | 24,740 |
| L6 | 21671 | 3069 | | 24,740 |
| L7 | 21671 | 3069 | | 24,740 |
| L8 | 17409 | 3054 | 948 | 21,411 |

TOTAL 185,651

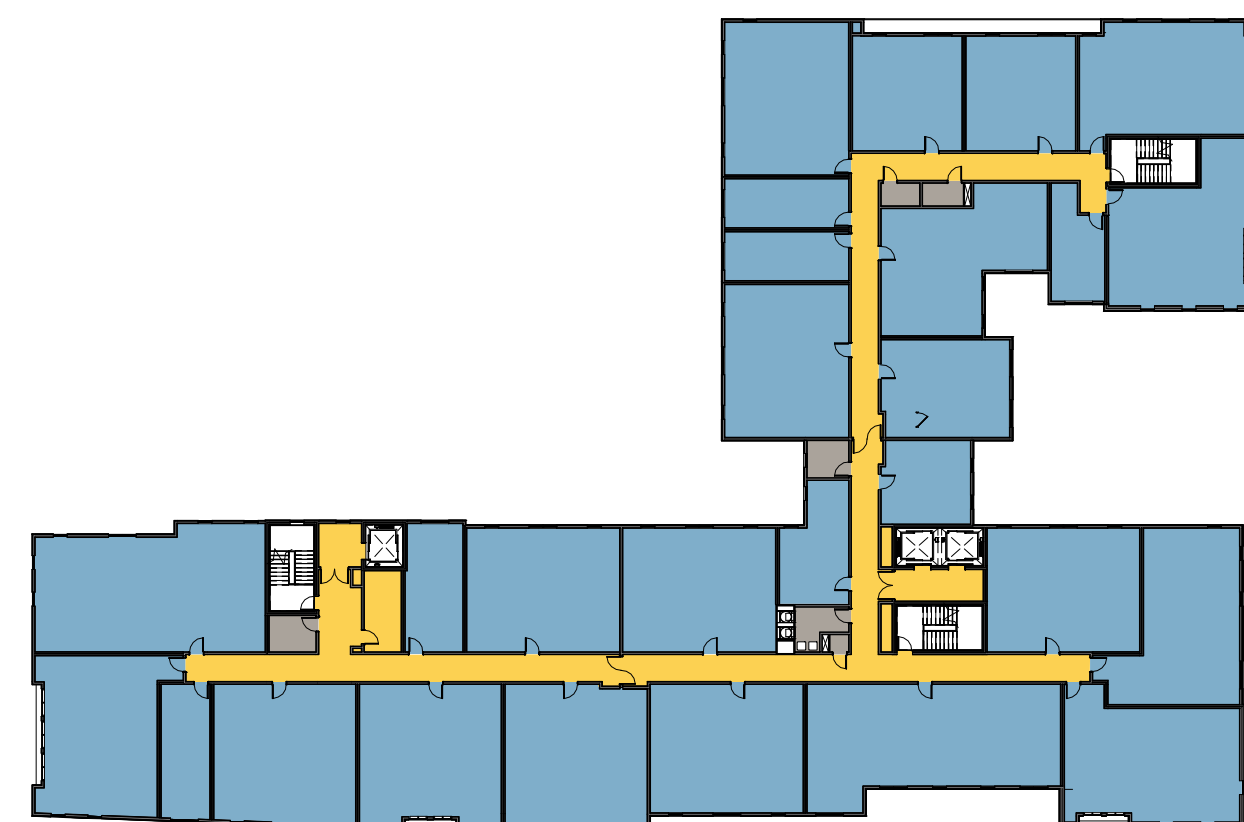
PROPOSED PROJECT FLOORPLANS



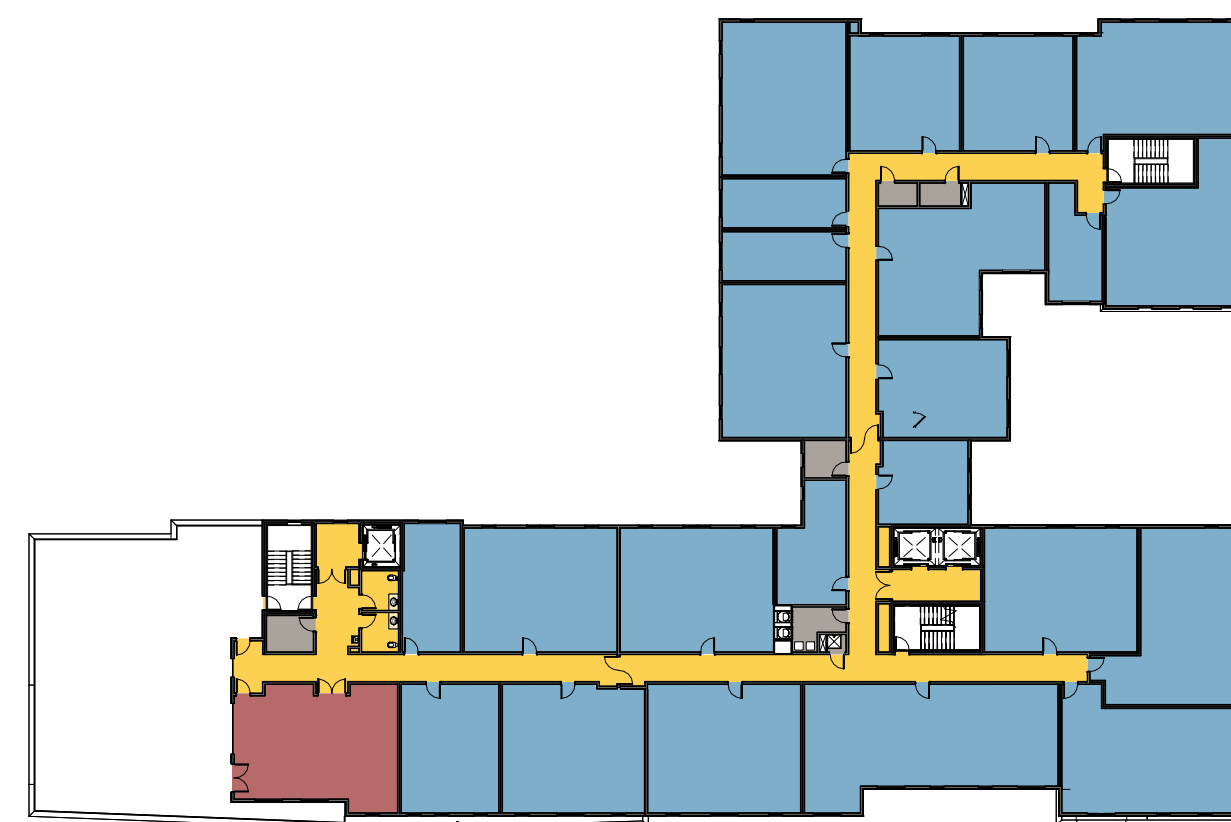
3 LEVEL 1
A0-006 1" = 40'-0"



4 LEVEL 2
A0-006 1" = 40'-0"



6 LEVELS 3-7
A0-006 1" = 40'-0"



7 LEVEL 8
A0-006 1" = 40'-0"

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. The bike room is located on the U1 level with the subterranean parking in both Projects. In the Base Project, 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 amenity. 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

PROPOSED PROJECT TABULATION FORM

TABULATION FORM

Project Address: 2065 Kittredge St Date: 12-10-21
 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 | 191 | 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* (Square-Feet) | 92,531 sf | 185,651 sf | - | |
| Total Area Covered by All Floors | | | | |
| Building Footprint* (Square-Feet) | 33,582 sf | 27,619 sf | - | |
| Total of All Structures | | | | |
| Lot Coverage* (Footprint/Lot Area) (%) | 100% | 82% | - | |
| Useable Open Space* (Square-Feet) | 0 | 12,584 sf | 15,280 sf | CONCESSION |
| Floor Area Ratio* Non-Residential only (Except ES-R) | 2.8:1 | 5.5:1 | - | |

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) |
| 163,076 | 167.77 | 168.00 | 5% | 8.40 | 9.00 | 20.0% | 33.60 | 34.00 | 202 |

| Base Project Square Footage (a,b) | Floor | Residential Sq. Footage Proposed (a) | Number of Units Proposed |
|-----------------------------------|--------------|--------------------------------------|--------------------------|
| 20,492 | first | 18,123 | 8 |
| 25,200 | second | 22,417 | 25 |
| 25,200 | third | 24,740 | 27 |
| 25,200 | fourth | 24,740 | 27 |
| 25,200 | fifth | 24,740 | 27 |
| 25,200 | sixth | 24,740 | 27 |
| 16,584 | seventh | 24,740 | 27 |
| | eighth | 21,411 | 23 |
| 163,076 | TOTAL | 185,651 | 191 |

| Total Square Footage: | %VLI | %DB |
|-------------------------------|------|-------|
| 185,651 | 5% | 20.0% |
| Proposed Units: 191 | 6% | 22.5% |
| Average Unit Size: 972 | 7% | 25.0% |
| | 8% | 27.5% |
| | 9% | 30.0% |
| | 10% | 32.5% |
| | 11% | 35.0% |

(a) Includes Residential Amenities (lobby, mailbox room, 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 #: 121246
 DRAWN BY: TF
 CHECKED BY: MM

NILES BOLTON ASSOCIATES

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www.nilesbolton.com

| No. | Description | Date |
|-----|----------------------|----------|
| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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BERKELEY PLAZA
 2065 KITTREDGE ST
 BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:

DENSITY BONUS PLANS - PROPOSED

SHEET NUMBER:

A0-006

NOT RELEASED FOR CONSTRUCTION



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

NILES BOLTON ASSOCIATES

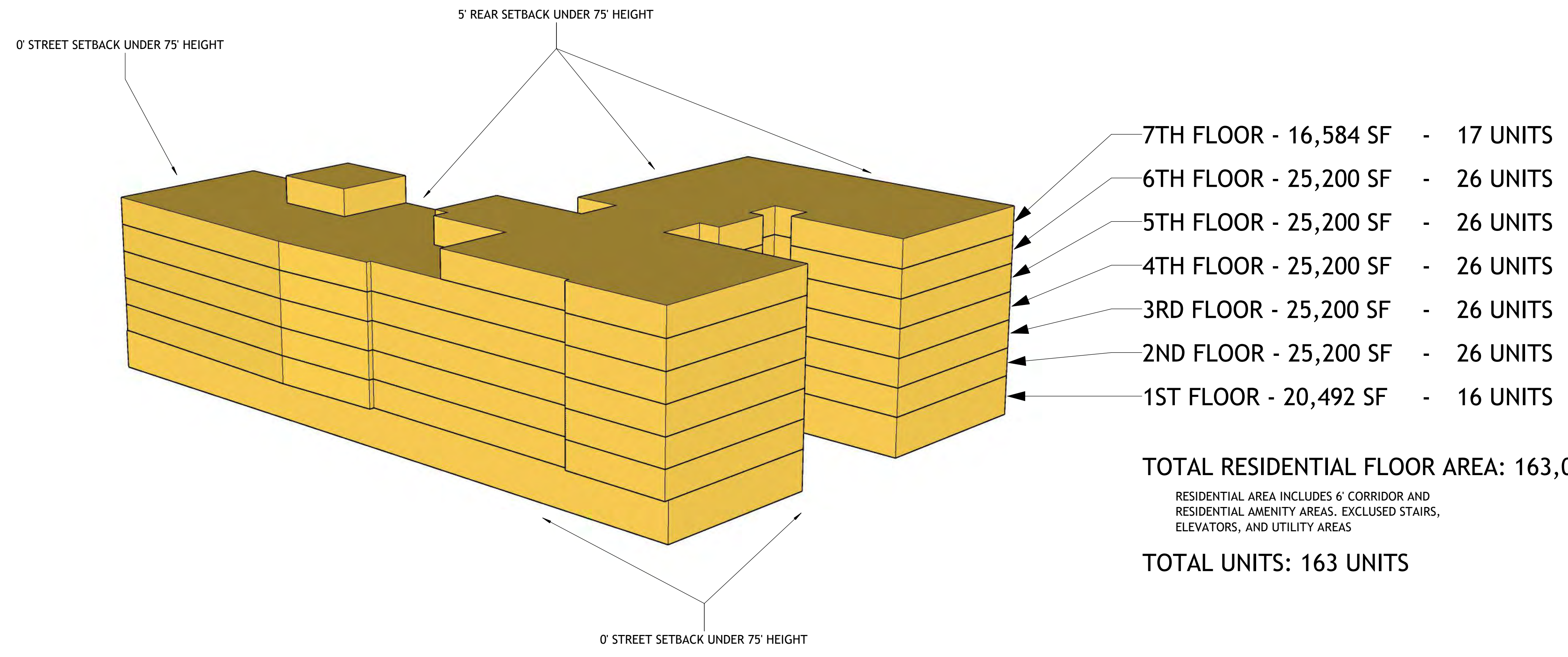
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 Suite 600
 Atlanta, GA 30305
 T 404 365 7600
 www.nilesbolton.com

| No. | Description | Date |
|-----|----------------------|----------|
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |
| | | |
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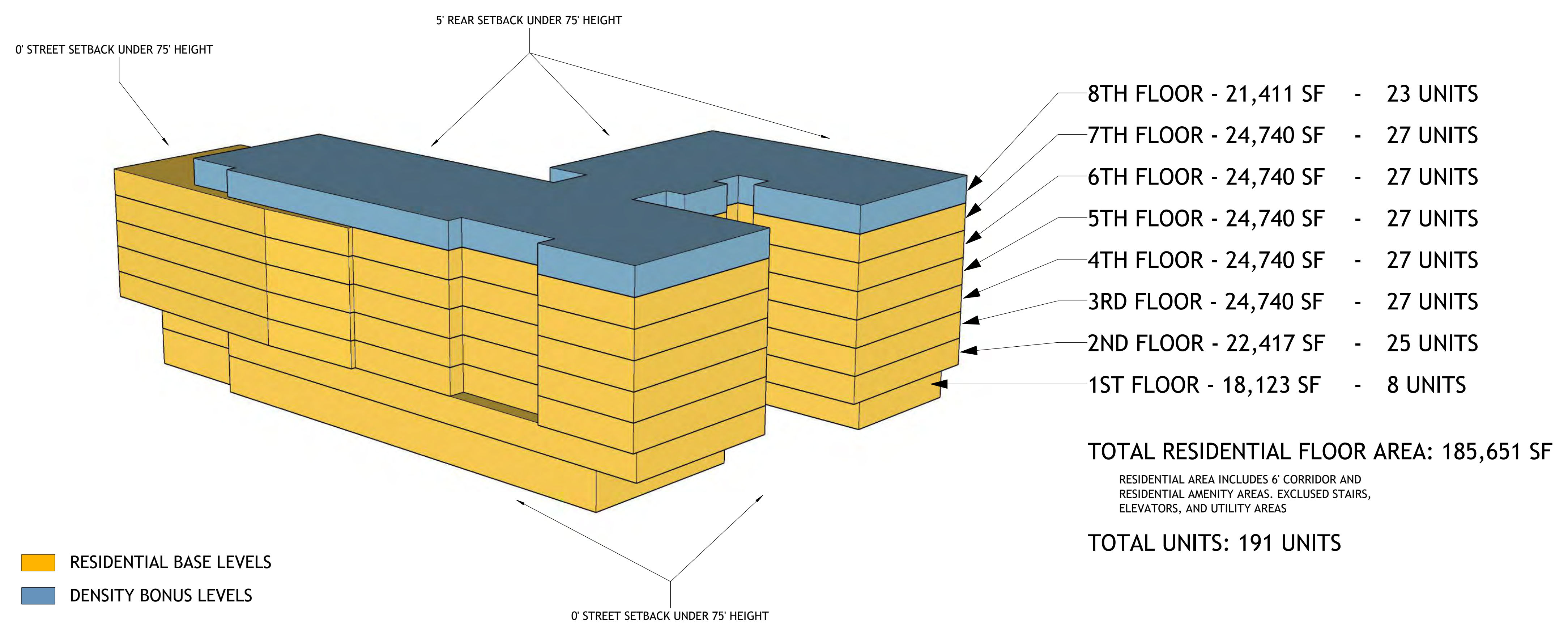
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BERKELEY PLAZA
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 BERKELEY, CA 94704
 CA VENTURES

BASE PLAN MODEL



PROPOSED PLAN MODEL



SHEET TITLE:
DENSITY BONUS MODEL

SHEET NUMBER:
A0-007

NOT RELEASED FOR CONSTRUCTION



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

| No. | Description | Date |
|-----|----------------------|----------|
| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |
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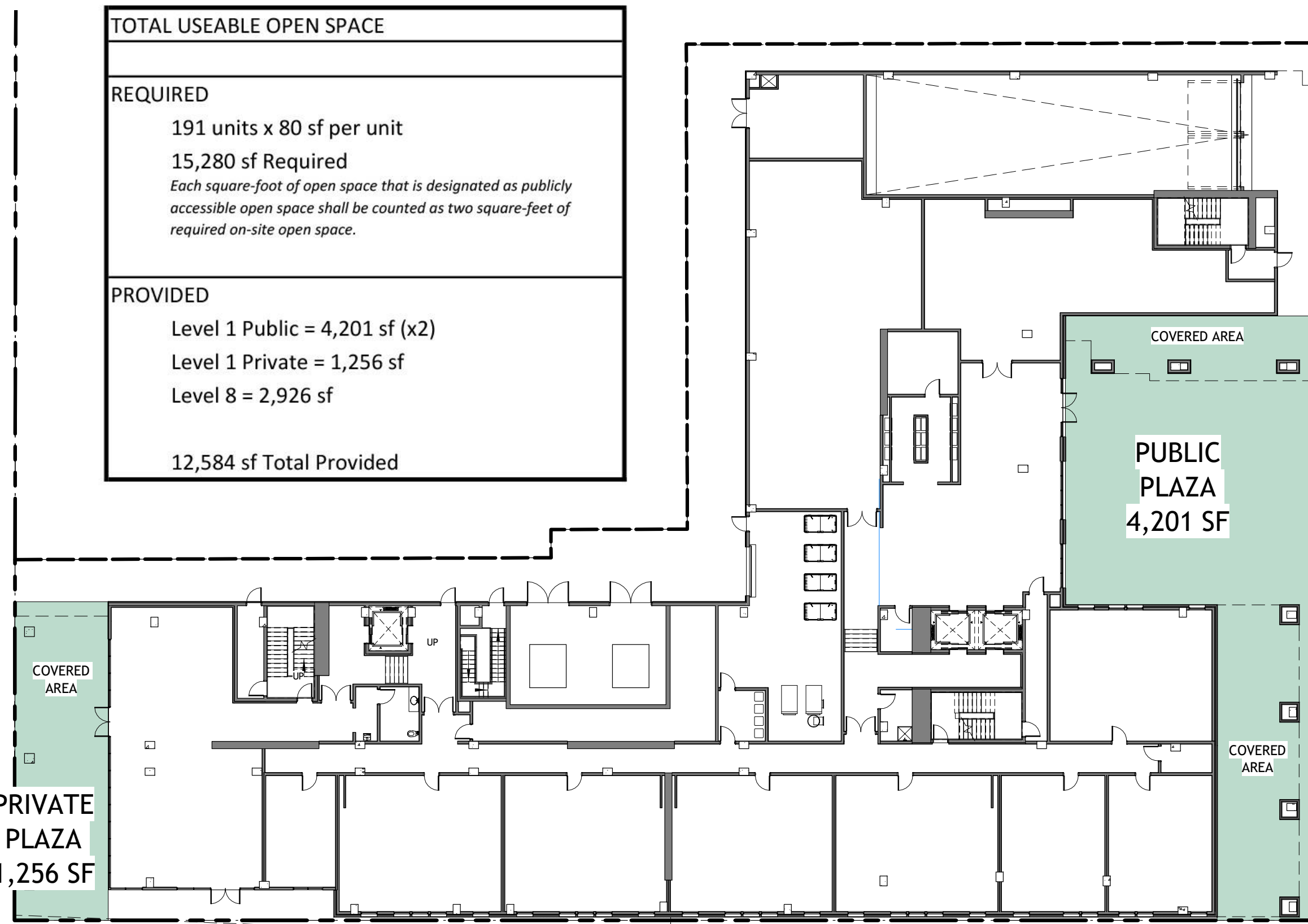
CA VENTURES

SHEET TITLE:
SITE DIAGRAMS

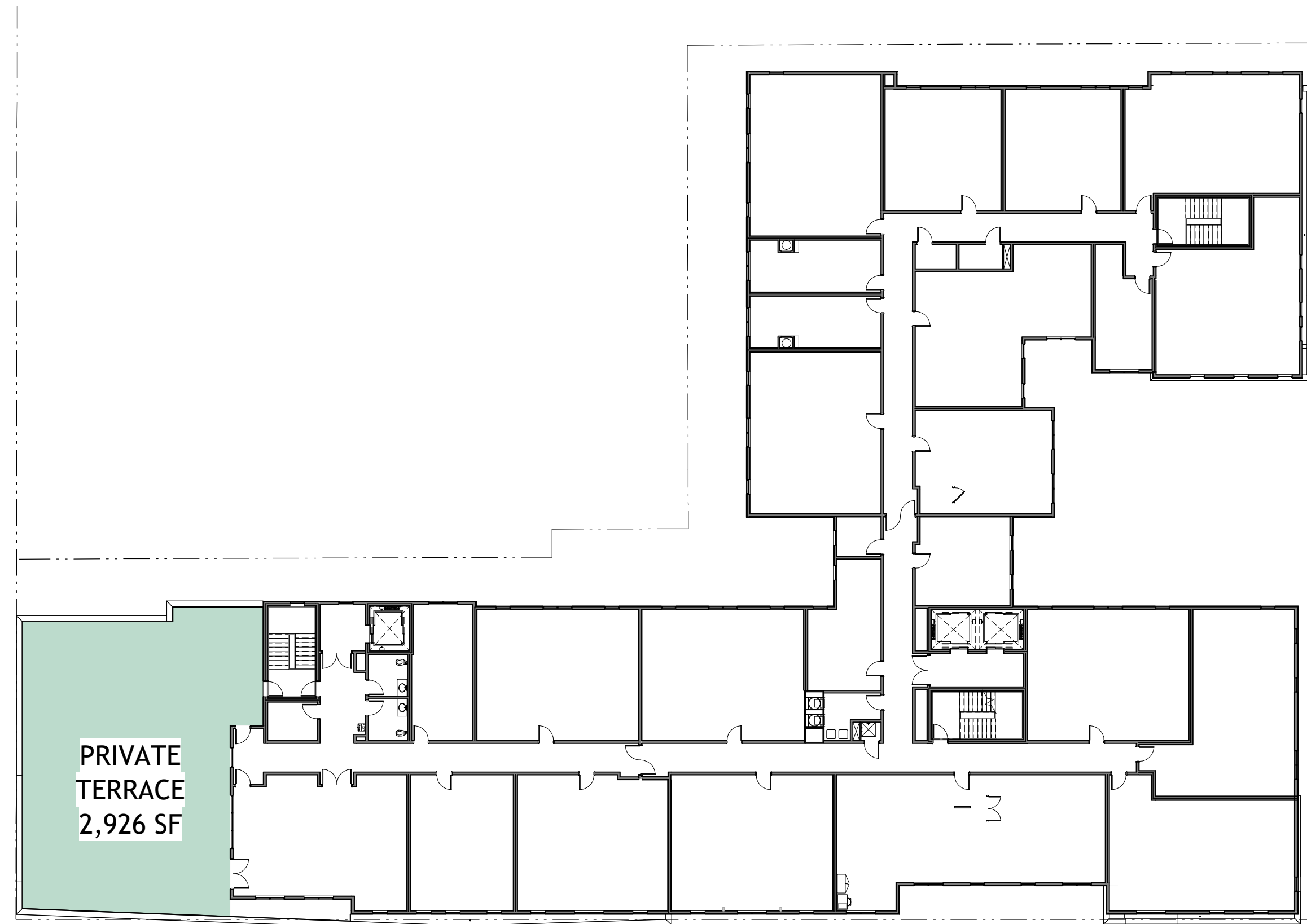
SHEET NUMBER:
A0-008

NOT RELEASED FOR CONSTRUCTION

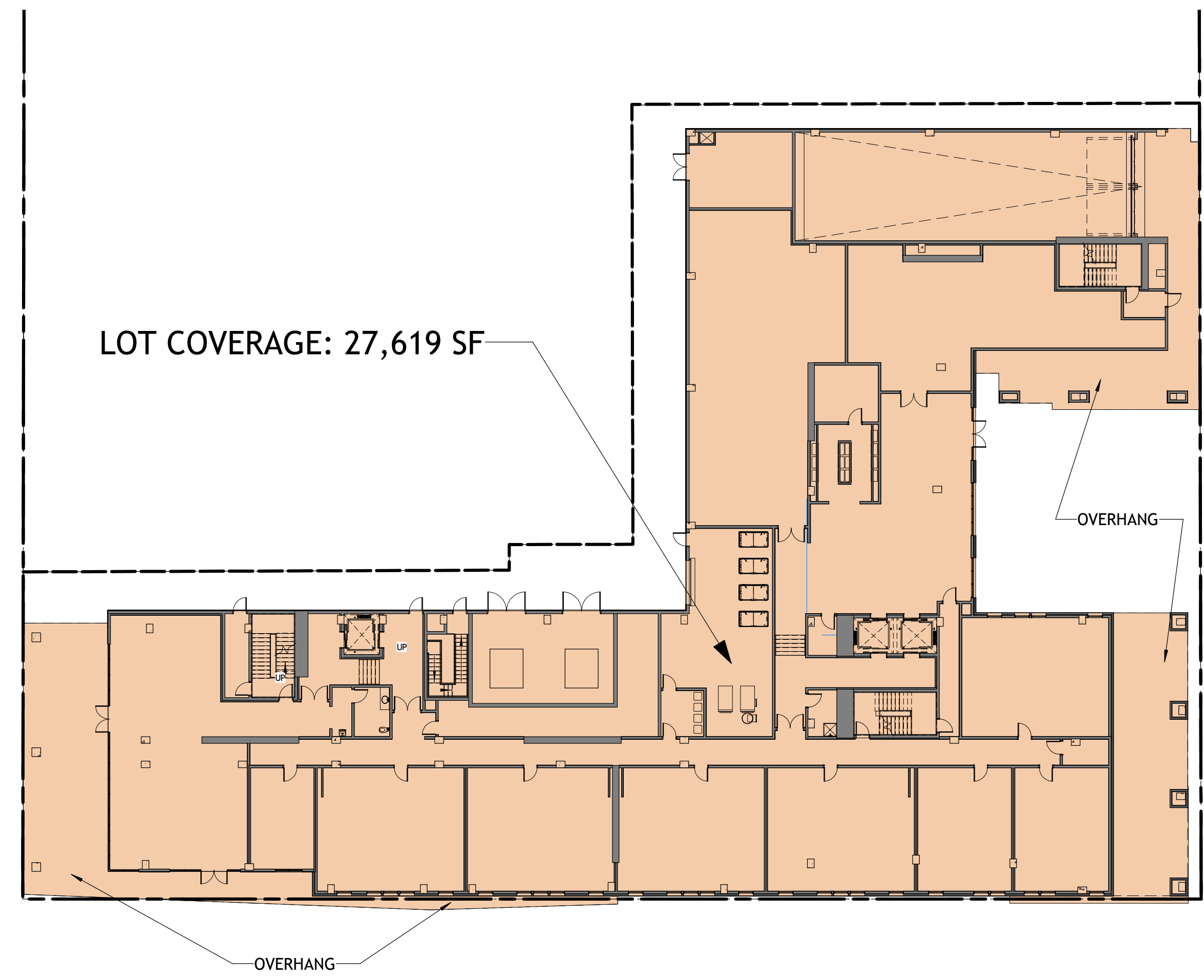
| TOTAL USEABLE OPEN SPACE | |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| REQUIRED | 191 units x 80 sf per unit 15,280 sf Required <i>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.</i> |
| PROVIDED | Level 1 Public = 4,201 sf (x2) Level 1 Private = 1,256 sf Level 8 = 2,926 sf 12,584 sf Total Provided |



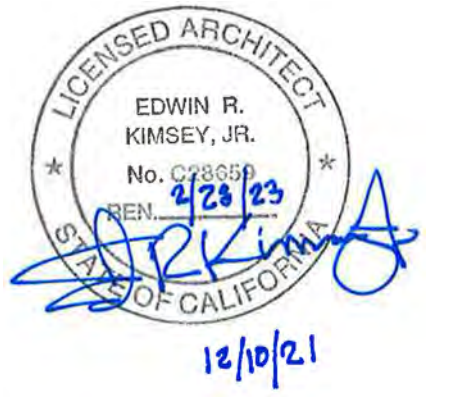
1 USEABLE OPEN SPACE- LEVEL 1
A0-008 3/64" = 1'-0"



2 USEABLE OPEN SPACE- LEVEL 8
A0-008 3/64" = 1'-0"



3 LOT COVERAGE DIAGRAM
A0-008 3/64" = 1'-0"



PROJECT #: 121246
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 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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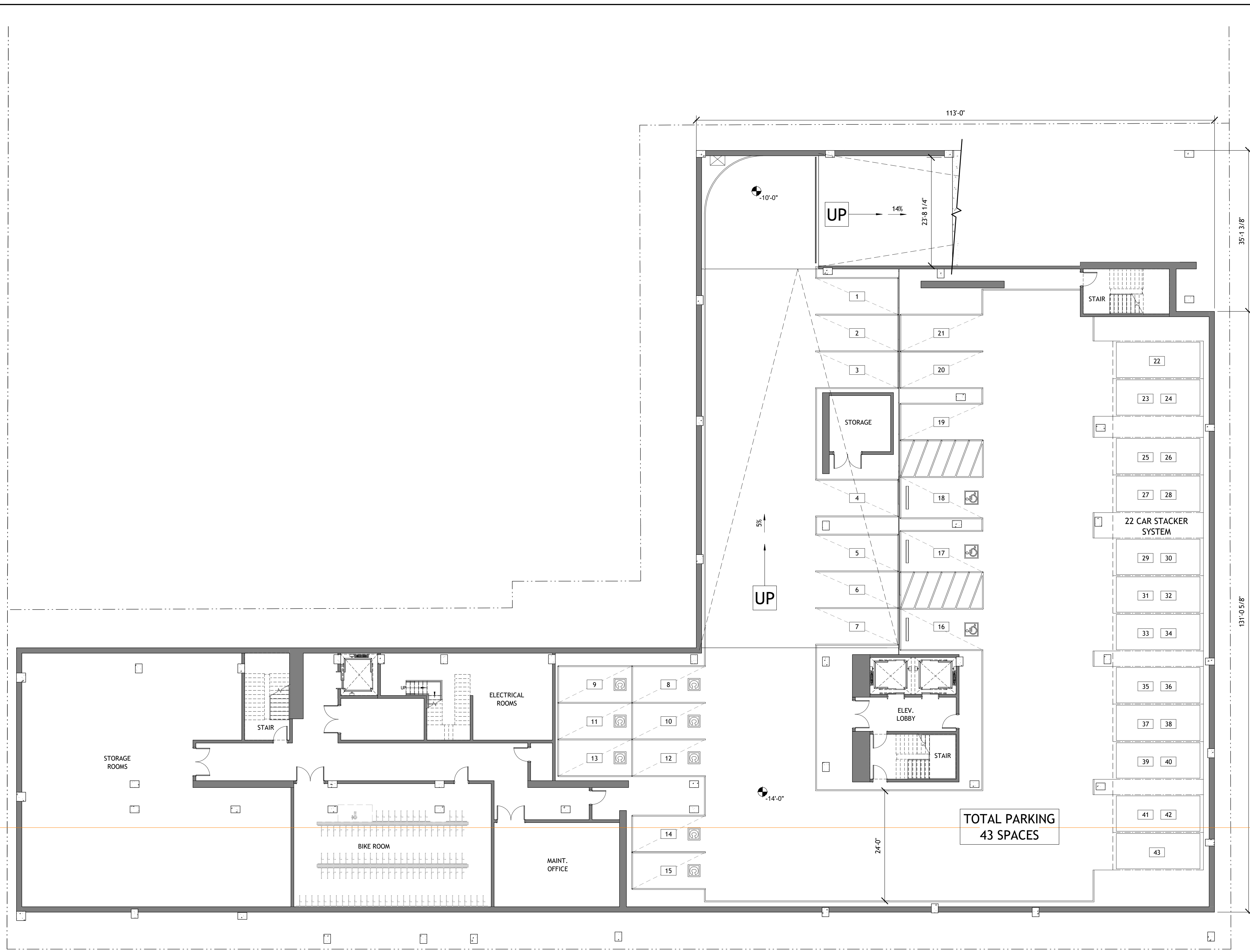
BERKELEY PLAZA
2065 KITTREDGE ST
BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
PLAN- LEVEL U1

SHEET NUMBER:
A1-0U1

NOT RELEASED FOR CONSTRUCTION



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





PROJECT #: 121246
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 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

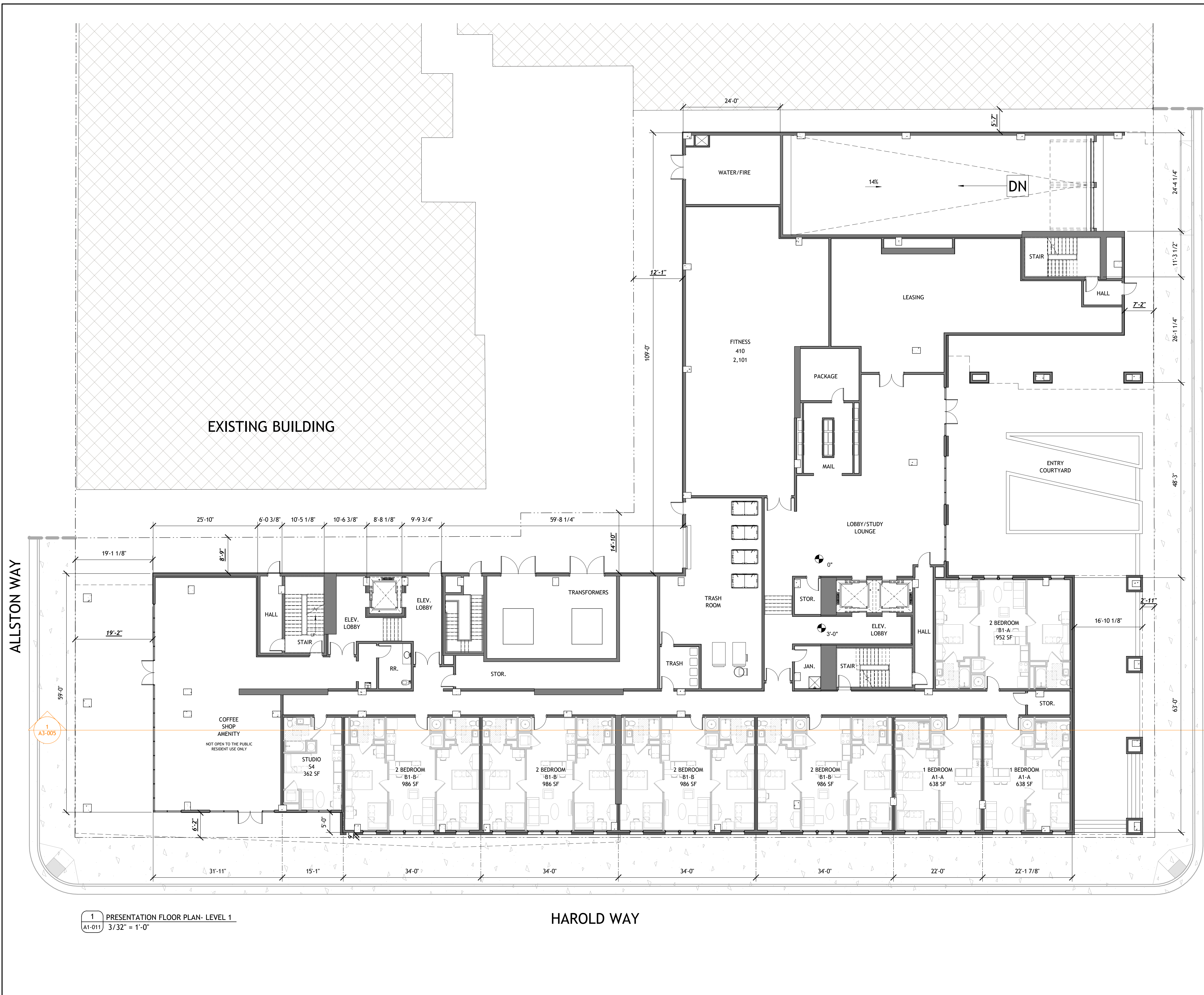
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CA VENTURES

SHEET TITLE:
PLAN- LEVEL 1

SHEET NUMBER:
A1-011

NOT RELEASED FOR CONSTRUCTION



1 PRESENTATION FLOOR PLAN- LEVEL 1
A1-011 3/32" = 1'-0"

HAROLD WAY

KITTREDGE ST

ALLSTON WAY





PROJECT #: 121246
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 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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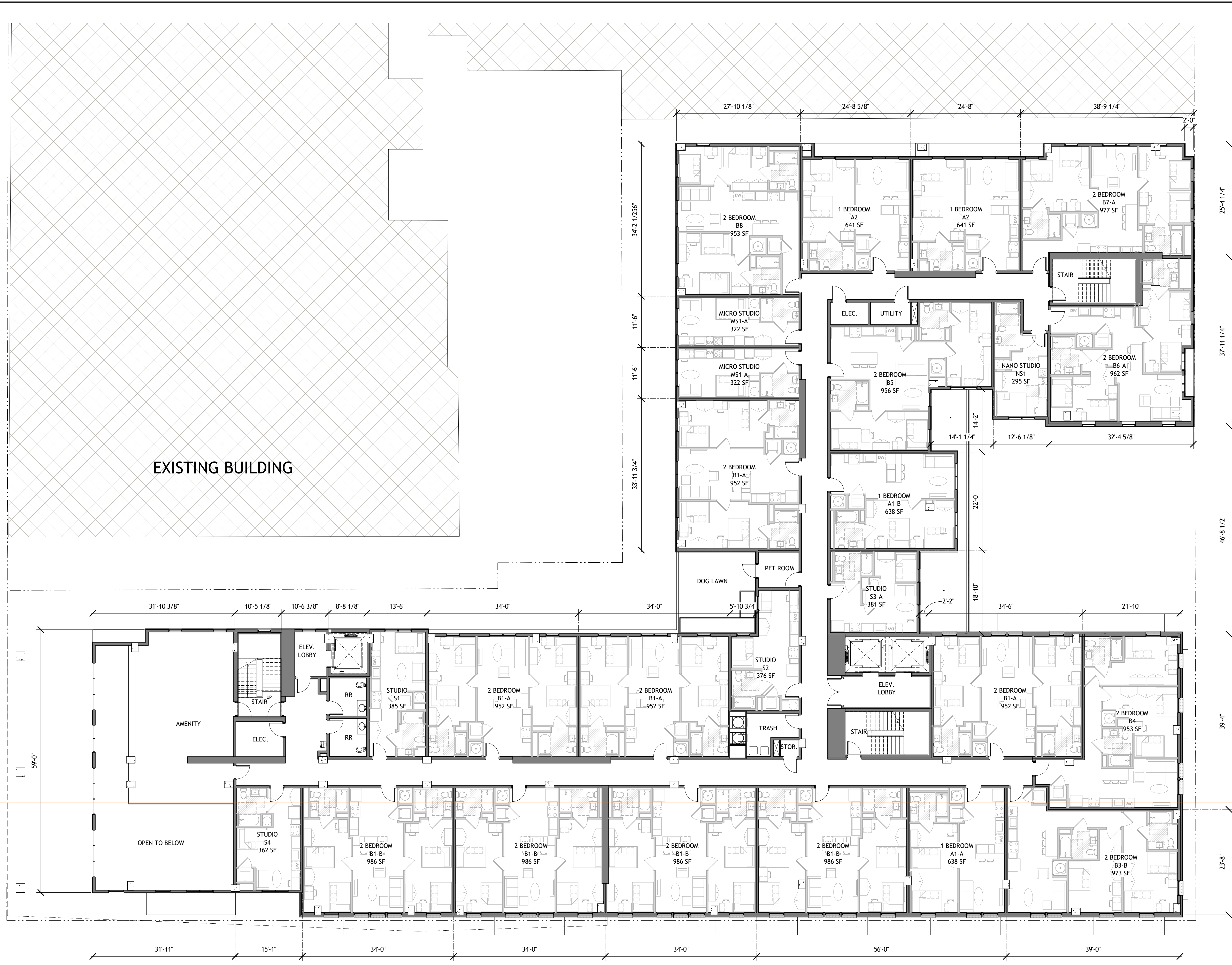
CA VENTURES

SHEET TITLE:
PLAN- LEVEL 2

SHEET NUMBER:
A1-021



NOT RELEASED FOR CONSTRUCTION



1 PRESENTATION FLOOR PLAN- LEVEL 2
A1-021 3/32" = 1'-0"





PROJECT #: 121246
DRAWN BY: TF
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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 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

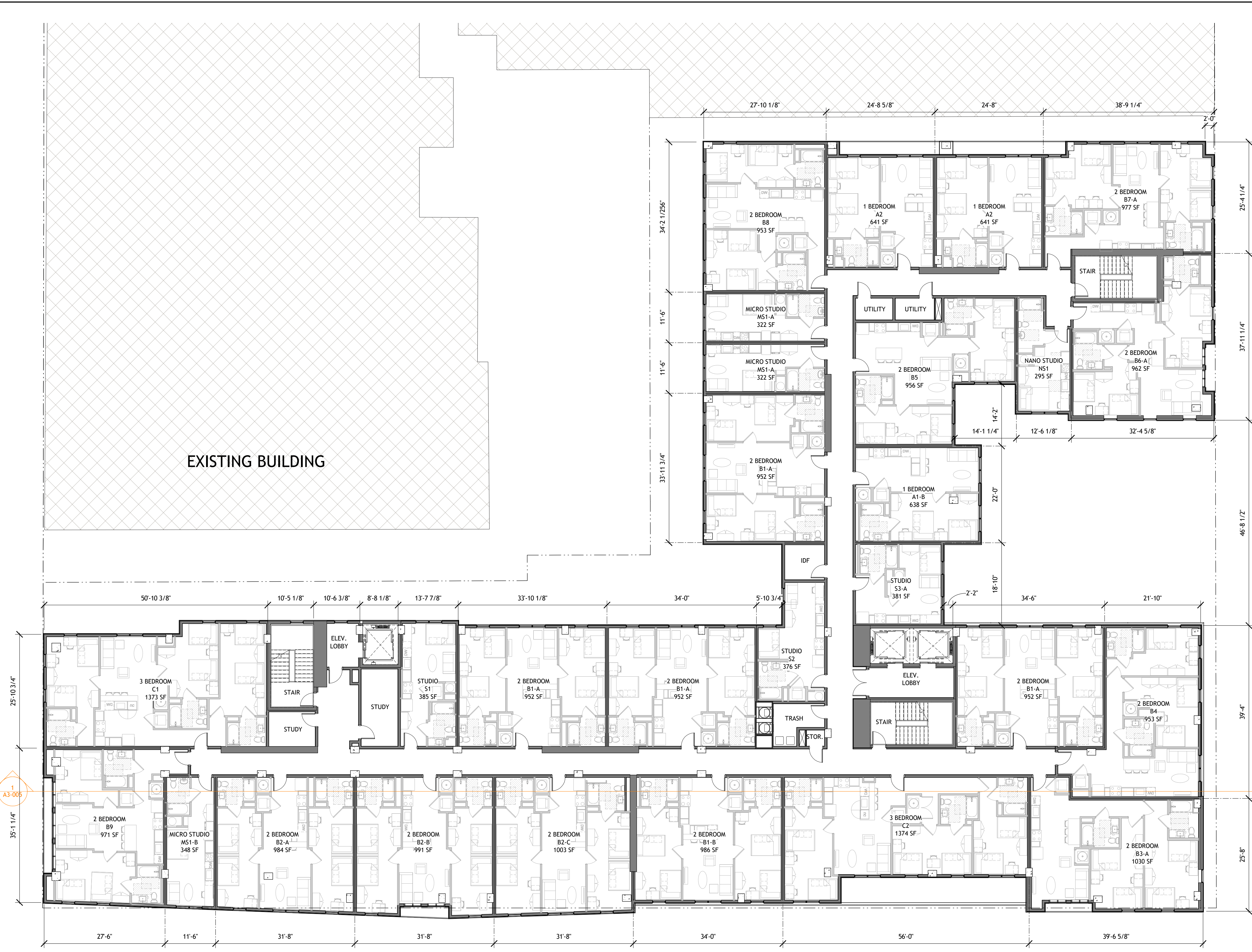
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SHEET TITLE:
PLAN- LEVEL 3

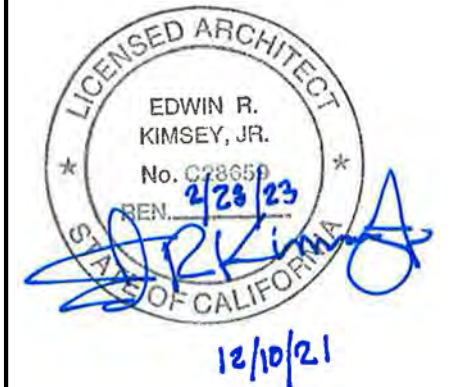
SHEET NUMBER:
A1-031

NOT RELEASED FOR CONSTRUCTION



1 PRESENTATION FLOOR PLAN- LEVEL 3
A1-031 3/32" = 1'-0"





PROJECT #: 121246
DRAWN BY: TF
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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 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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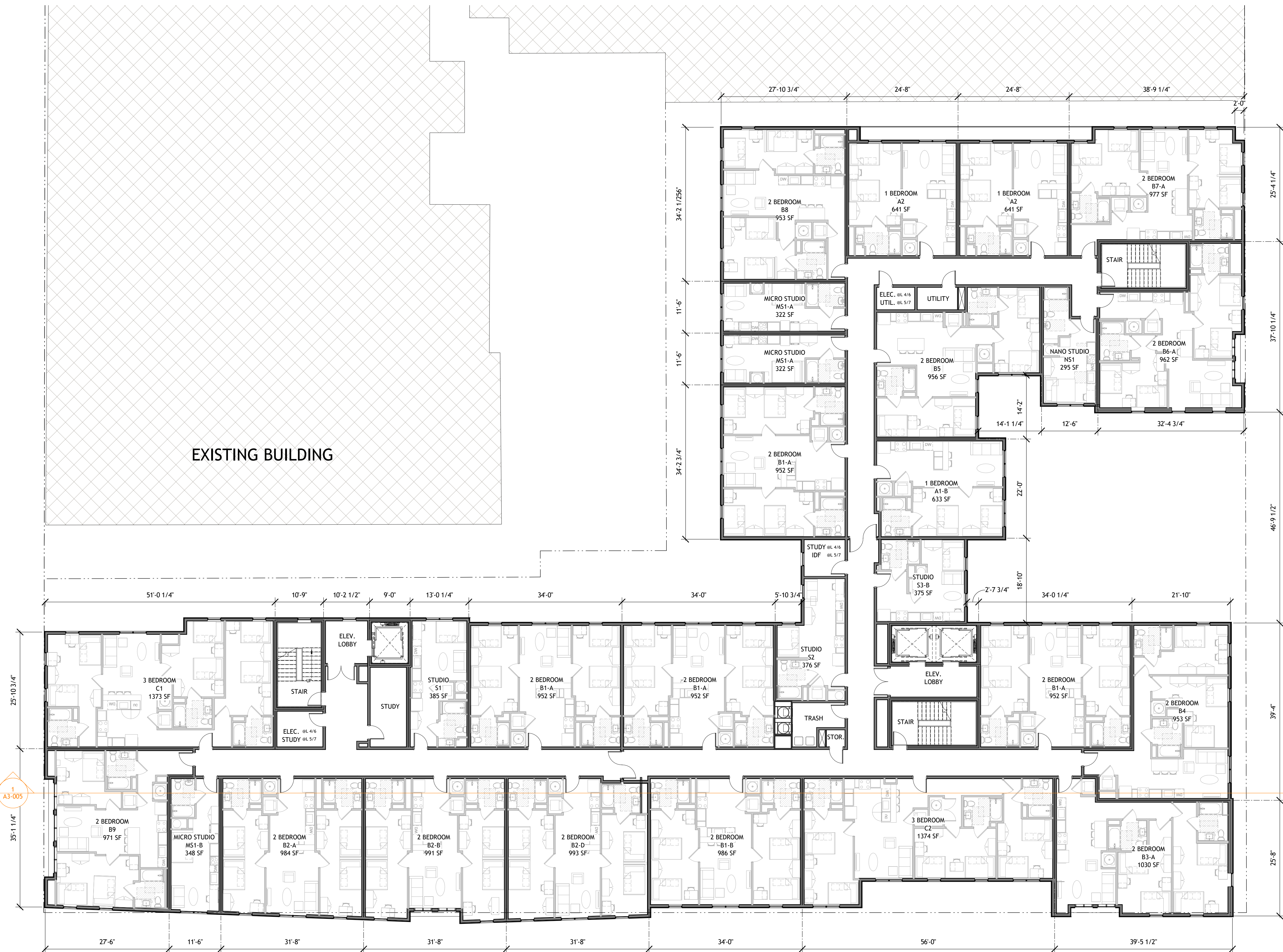
BERKELEY PLAZA
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BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
PLAN- LEVEL 4-7

SHEET NUMBER:
A1-041

NOT RELEASED FOR CONSTRUCTION



1 PRESENTATION FLOOR PLAN- LEVEL 4-7
A1-041 3/32" = 1'-0"





PROJECT #: 121246
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 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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CA VENTURES

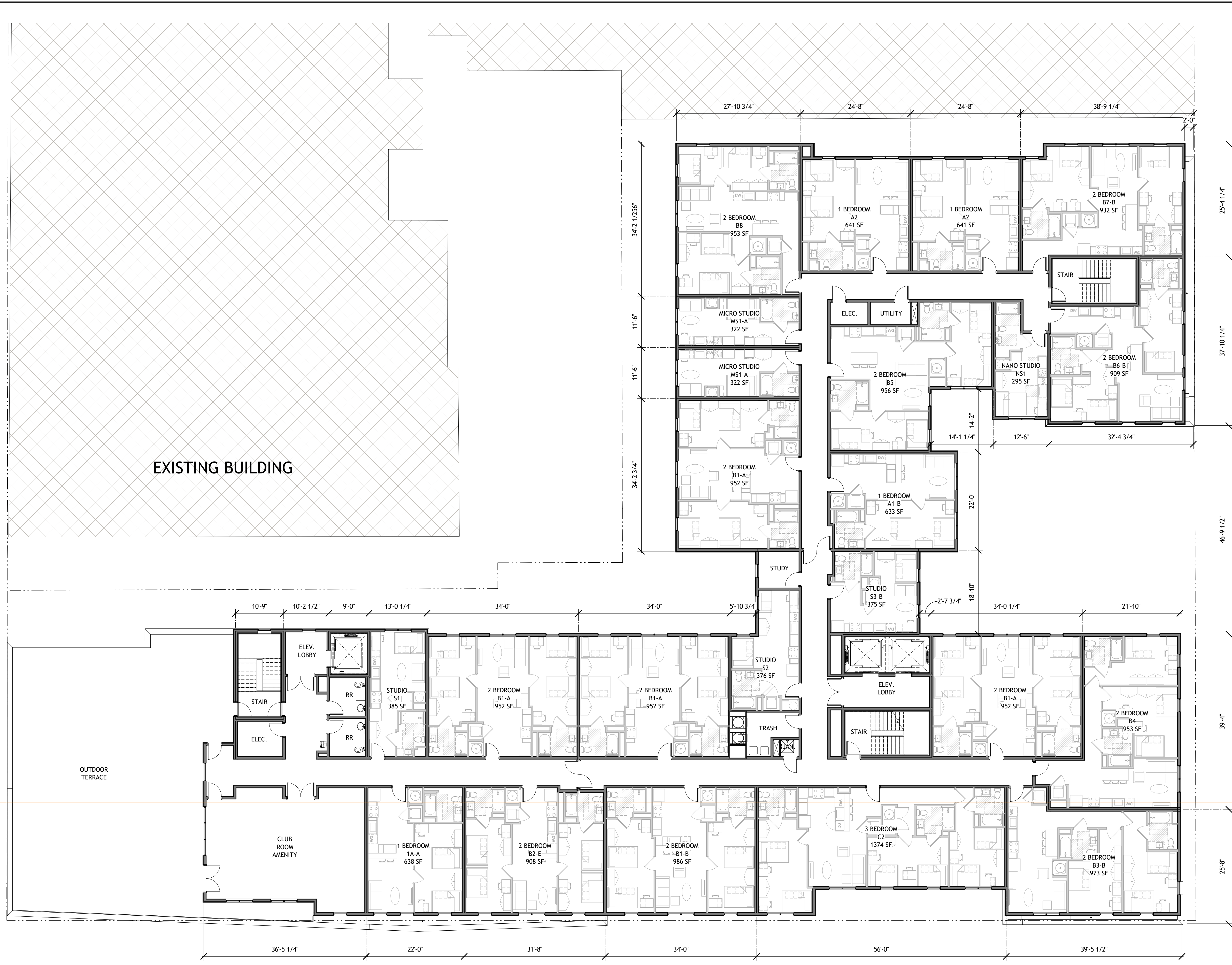
SHEET TITLE:

PLAN- LEVEL 8

SHEET NUMBER:

A1-081

NOT RELEASED FOR CONSTRUCTION



1 PRESENTATION FLOOR PLAN- LEVEL 8
A1-081 3/32" = 1'-0"





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

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| No. | Description | Date |
|-----|----------------------|----------|
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |
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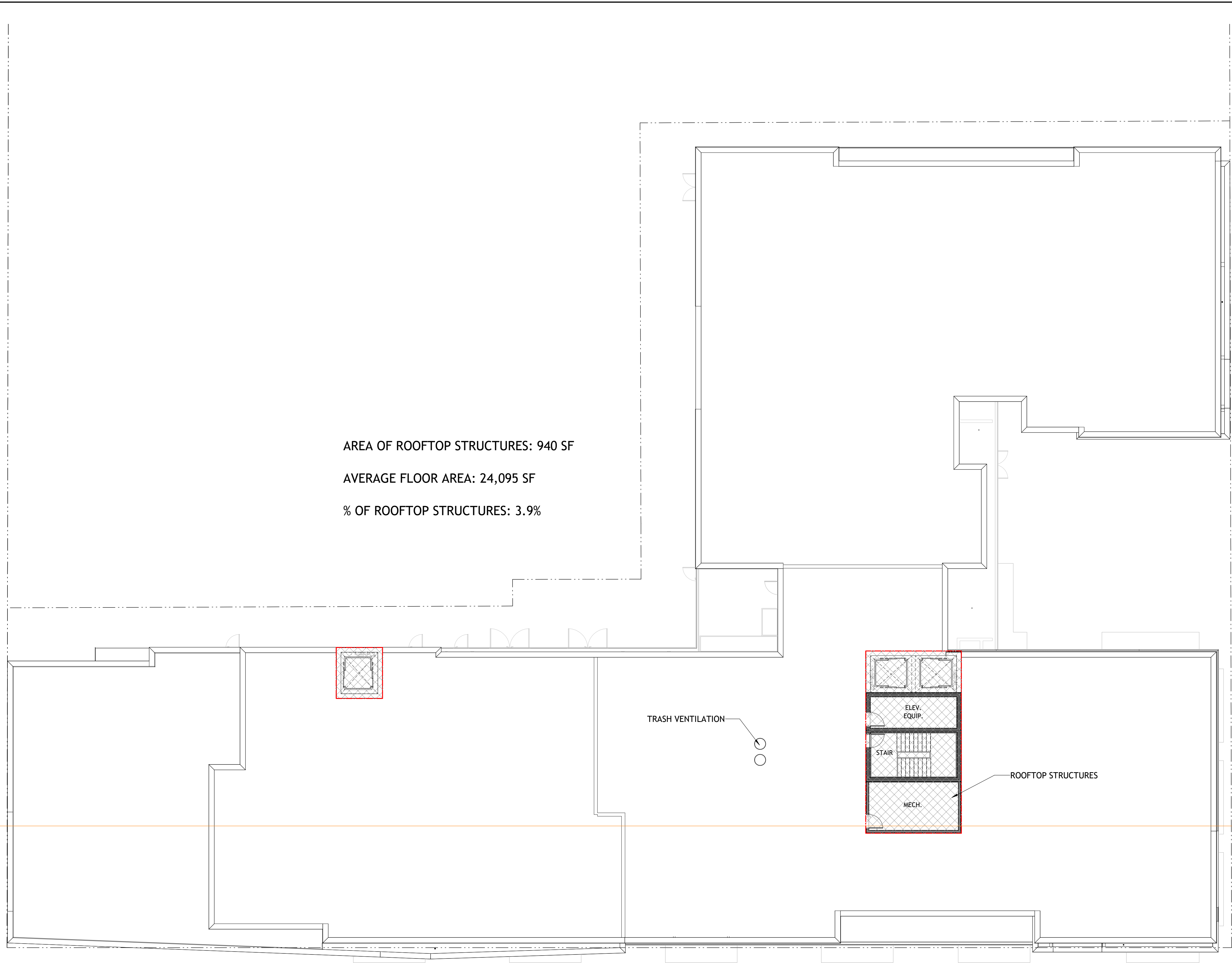
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SHEET TITLE:
PLAN- ROOF

SHEET NUMBER:
A1-R1

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AREA OF ROOFTOP STRUCTURES: 940 SF
AVERAGE FLOOR AREA: 24,095 SF
% OF ROOFTOP STRUCTURES: 3.9%

1 PRESENTATION FLOOR PLAN- ROOF PLAN
A1-R1 3/32" = 1'-0"



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

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| No. | Description | Date |
|-----|----------------------|----------|
| 2 | PRELIM APP 58330 | 7/21/21 |
| 3 | SD SET | 9/16/21 |
| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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CA VENTURES

SHEET TITLE:
ELEVATIONS- WEST

SHEET NUMBER:
A3-001

NOT RELEASED FOR CONSTRUCTION

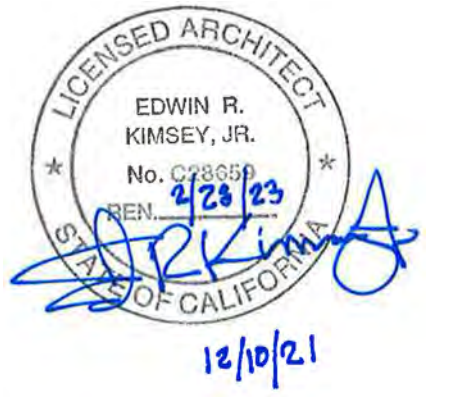


1 WEST ELEVATION - HAROLD WAY
A3-001 3/32" = 1'-0"

AREA PROJECTING
ACROSS PROPERTY LINE
PROJECTING AREA: 7,925 SF
TOTAL FACE AREA: 22,493 SF
PROJECTING AREA: 35.2%

2 WEST ELEVATION - PROJECTIONS DIAGRAM
A3-001 3/64" = 1'-0"





PROJECT #: 121246
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|-----|----------------------|----------|
| 2 | PRELIM APP 58330 | 7/21/21 |
| 3 | SD SET | 9/16/21 |
| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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CA VENTURES

SHEET TITLE:
ELEVATIONS- SOUTH

SHEET NUMBER:
A3-002

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1 SOUTH ELEVATION - KITTREDGE ST
A3-002 3/32" = 1'-0"



PROJECT #: 121246
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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 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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CA VENTURES

SHEET TITLE:
**ELEVATIONS-
NORTH**

SHEET NUMBER:
A3-003

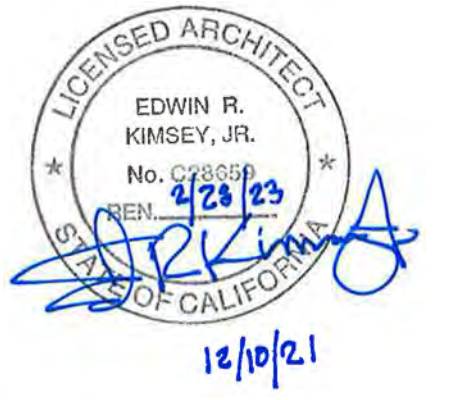
NOT RELEASED FOR CONSTRUCTION



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



2 NORTH ELEVATION - ALLSTON WAY MID BLOCK
A3-003 3/32" = 1'-0"



PROJECT #: 121246
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| No. | Description | Date |
|-----|----------------------|----------|
| 2 | PRELIM APP 58330 | 7/21/21 |
| 3 | SD SET | 9/16/21 |
| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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CA VENTURES

SHEET TITLE:
ELEVATIONS- EAST

SHEET NUMBER:
A3-004

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1 EAST ELEVATION - EXISTING HOTEL BUILDING
A3-004 3/32" = 1'-0"



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

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| No. | Description | Date |
|-----|----------------------|----------|
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |
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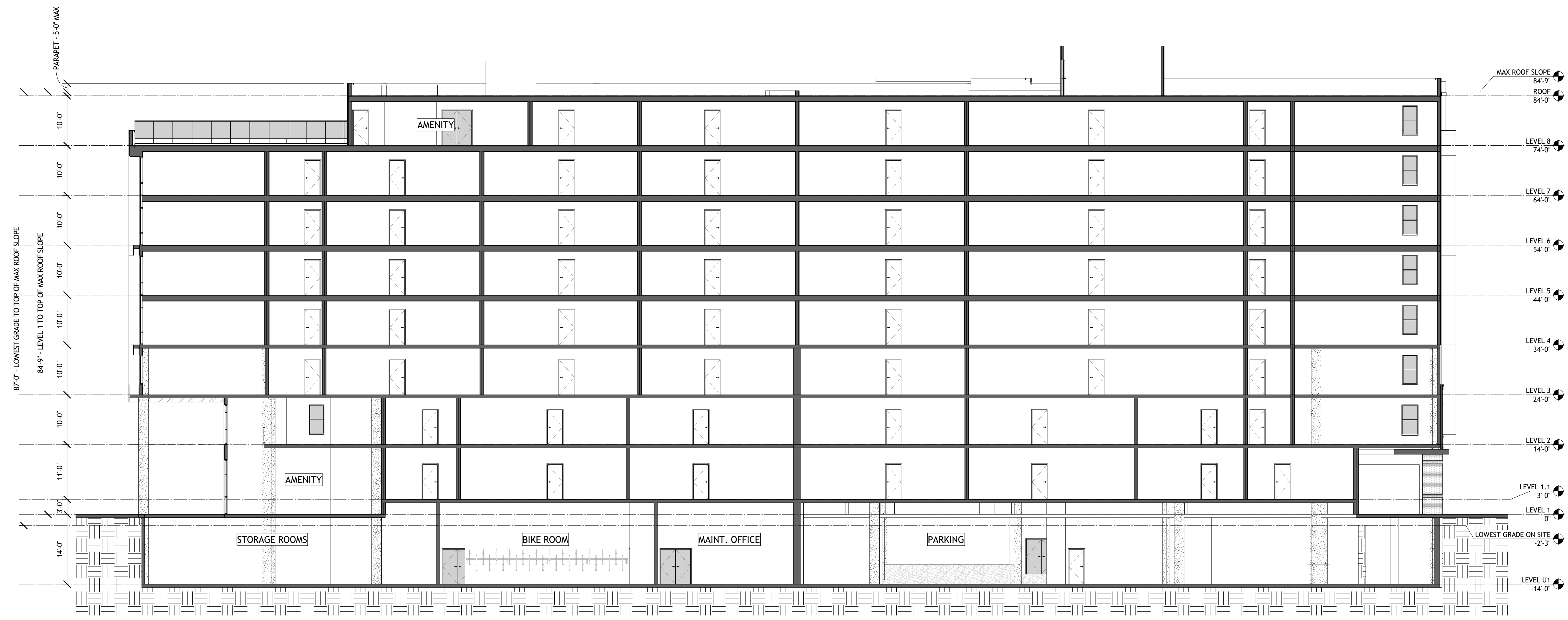
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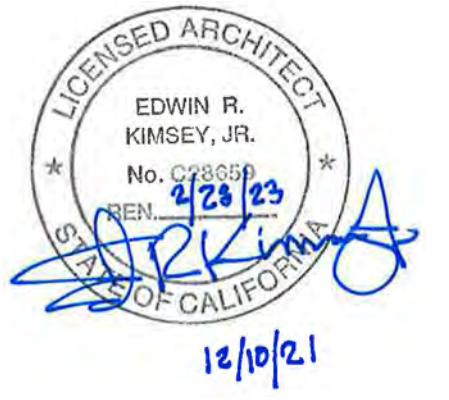
SHEET TITLE:
BUILDING SECTION

SHEET NUMBER:
A3-005

NOT RELEASED FOR CONSTRUCTION



1 BUILDING SECTION
 A3-005 3/32" = 1'-0"



PROJECT #: 121246
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| No. | Description | Date |
|-----|----------------------|----------|
| 2 | PRELIM APP 58330 | 7/21/21 |
| 3 | SD SET | 9/16/21 |
| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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1 PERSPECTIVE - ALLSTON WAY AND HAROLD WAY CORNER
A3-006 NOT TO SCALE



2 PERSPECTIVE - SOUTH WEST CORNER AERIAL
A3-006 NOT TO SCALE



3 PERSPECTIVE - HAROLD WAY AND KITTREDGE ST CORNER
A3-006 NOT TO SCALE



4 PERSPECTIVE - KITTREDGE ST PLAZA
A3-006 NOT TO SCALE

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BERKELEY, CA 94704

CA VENTURES

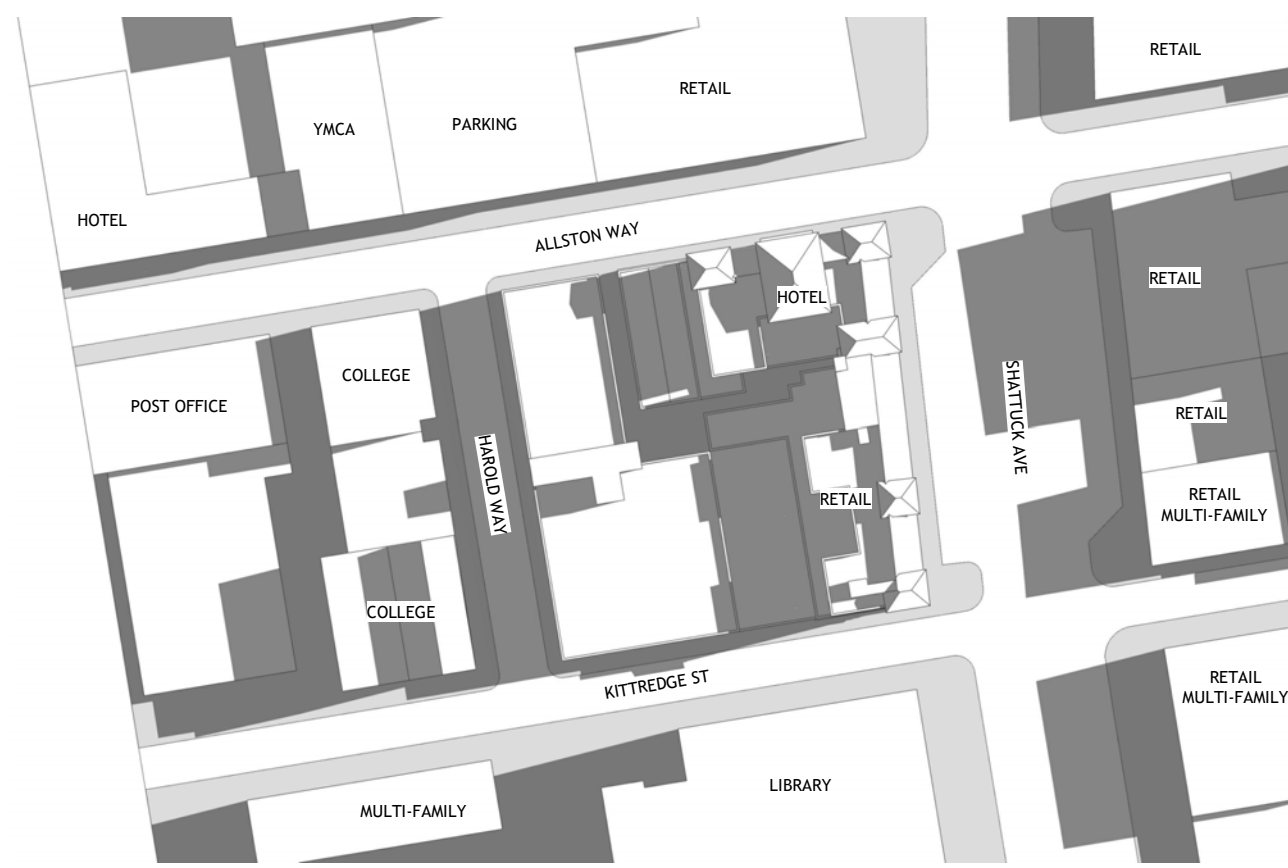
SHEET TITLE:
PERSPECTIVES

SHEET NUMBER:
A3-006

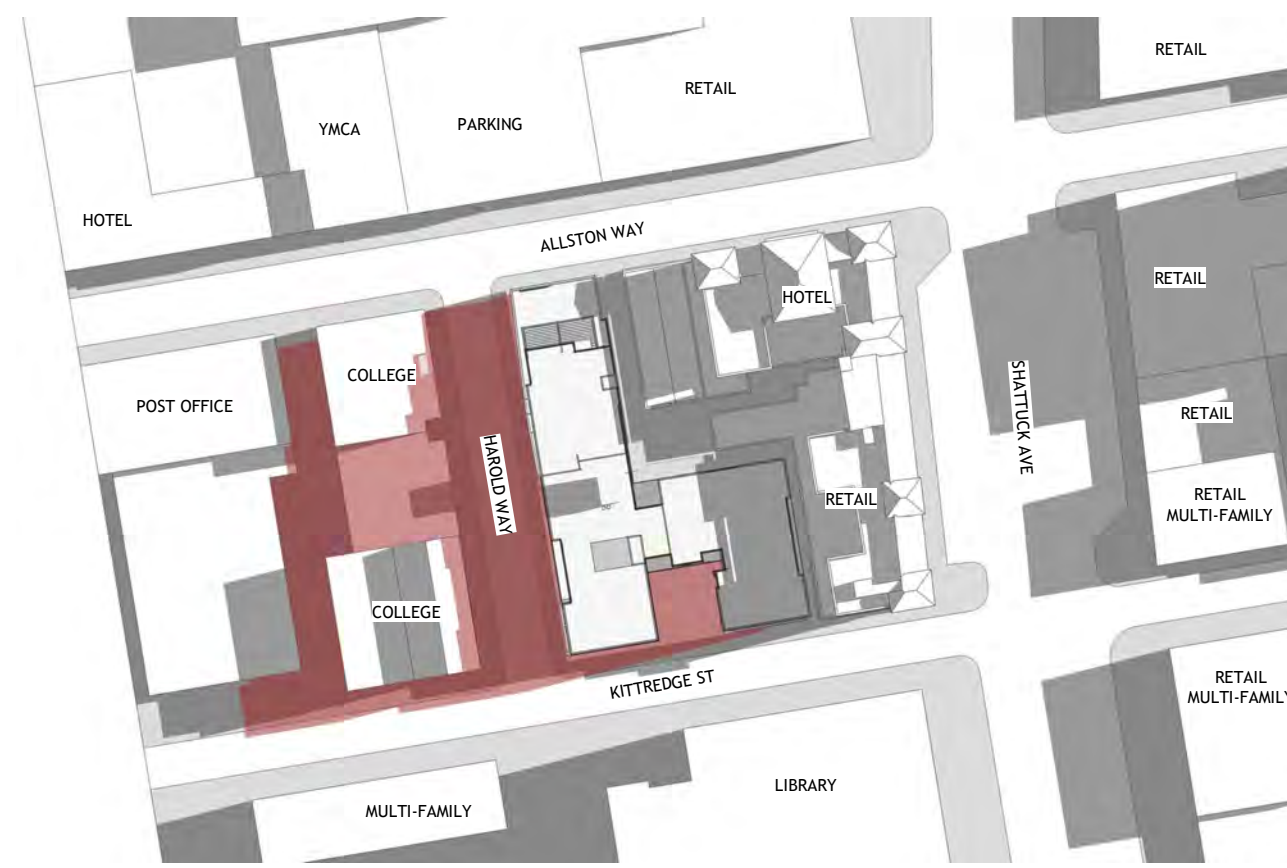
NOT RELEASED FOR CONSTRUCTION

JUNE 21 MORNING

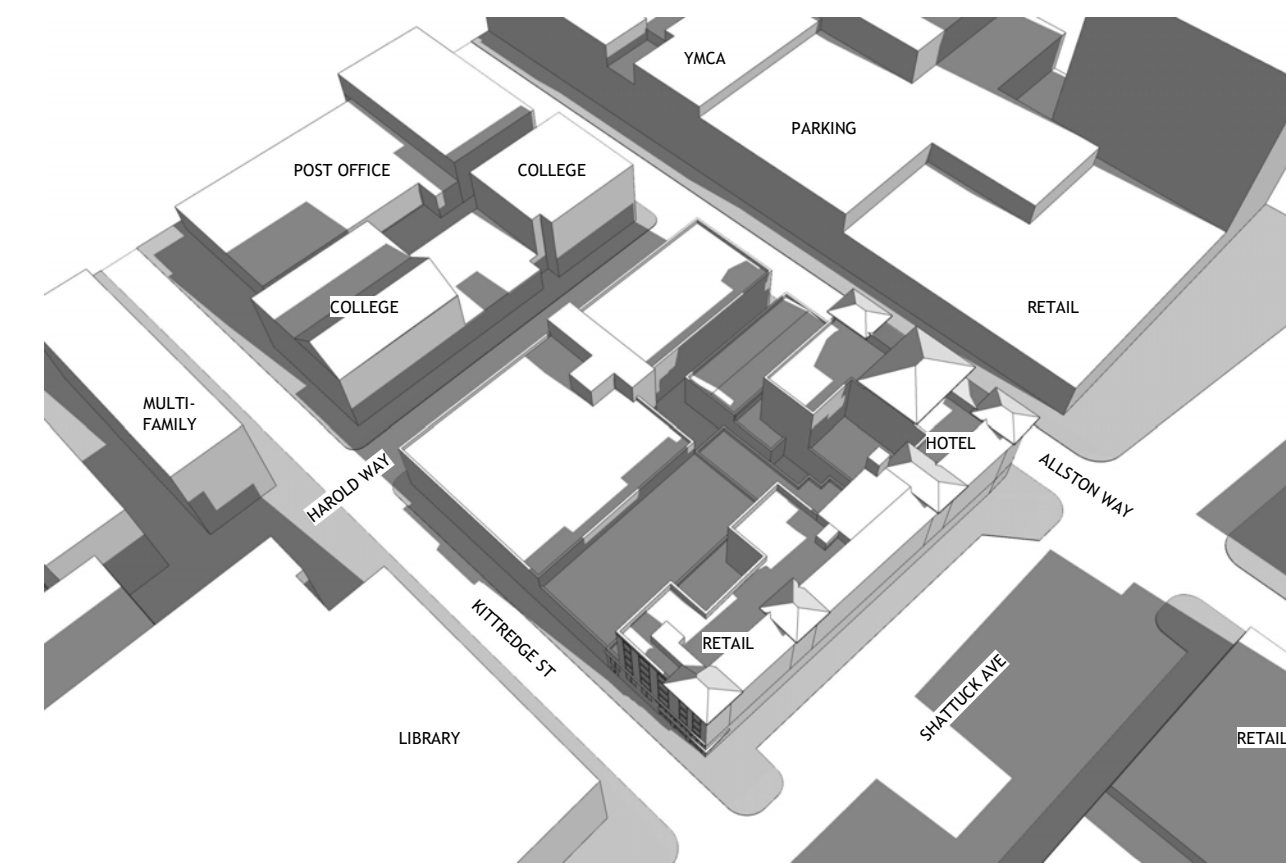
2 HOURS AFTER SUNRISE - 7:47 AM



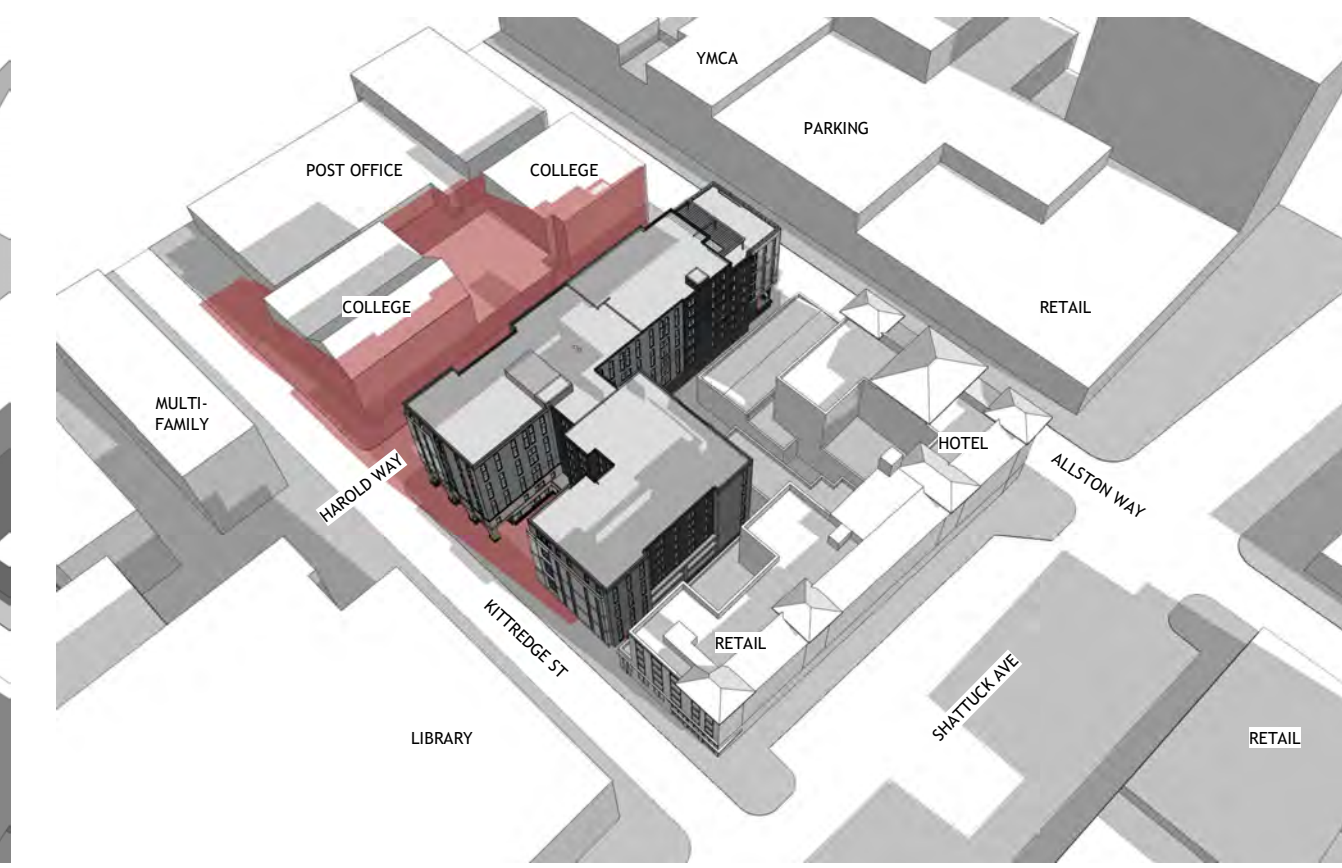
TOP VIEW EXISTING



TOP VIEW PROPOSED

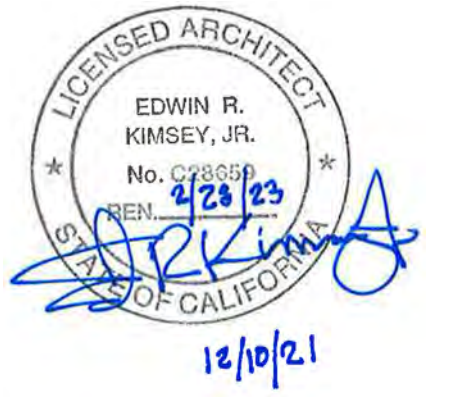


ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

NEW SHADOWS FROM PROPOSED PROJECT SHOWN IN RED



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

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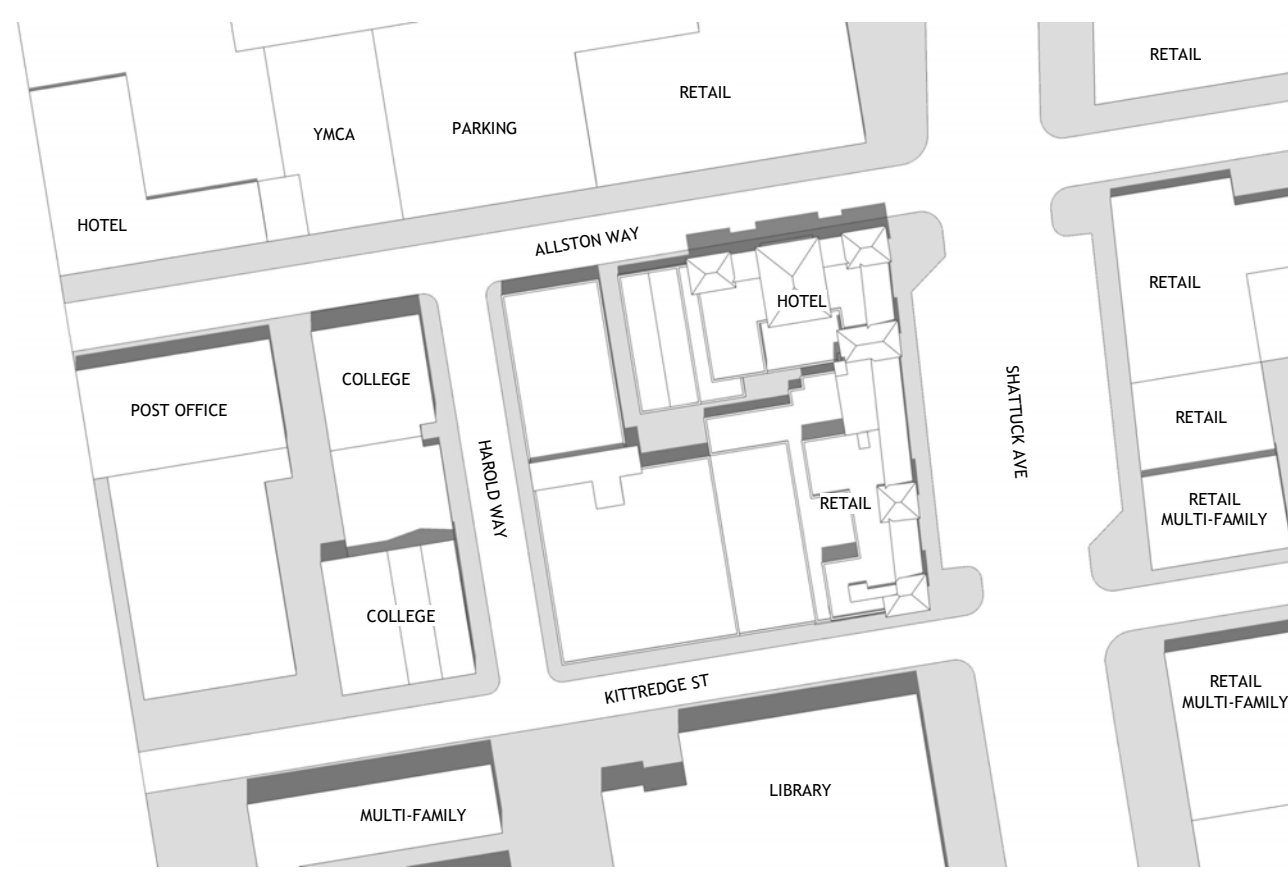
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| No. | Description | Date |
|-----|----------------------|----------|
| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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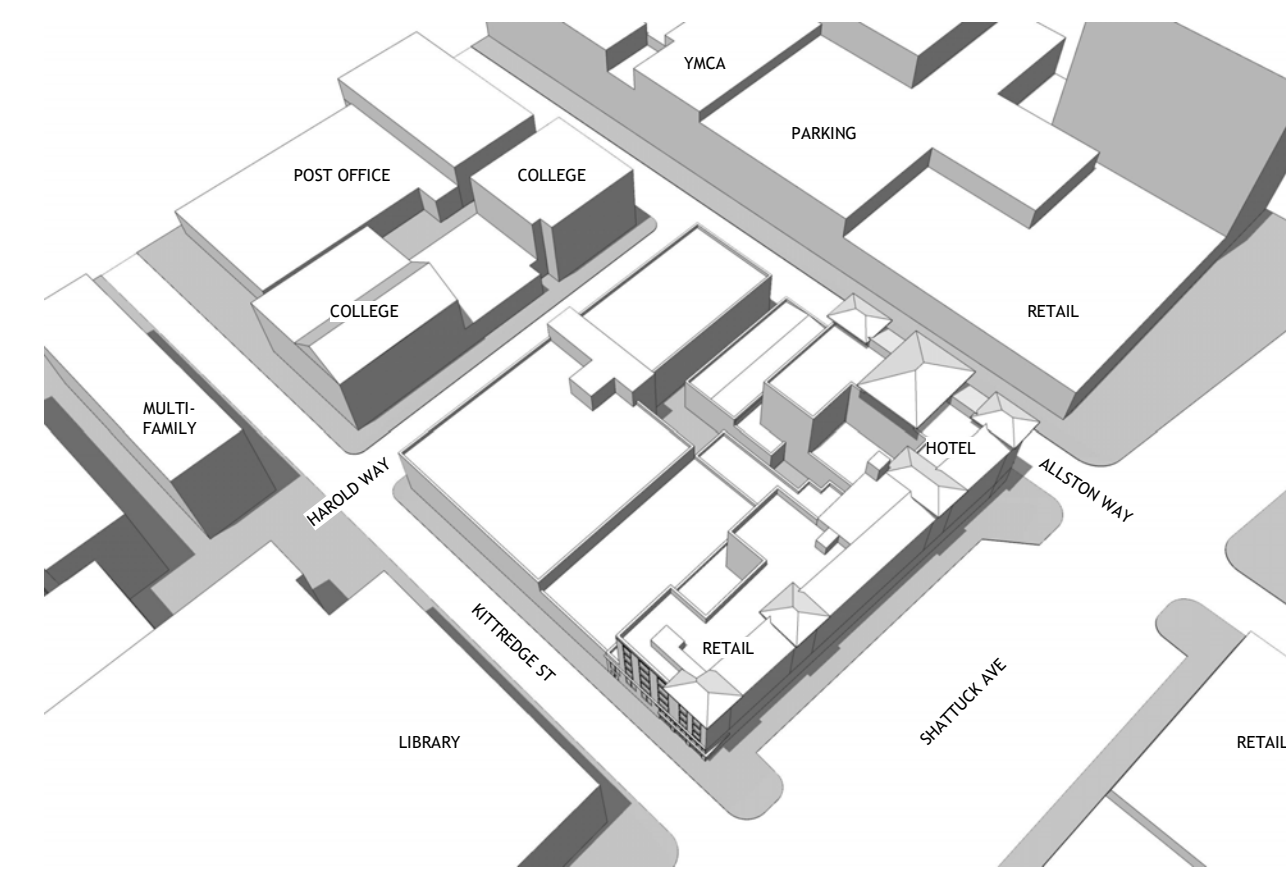
JUNE 21 NOON



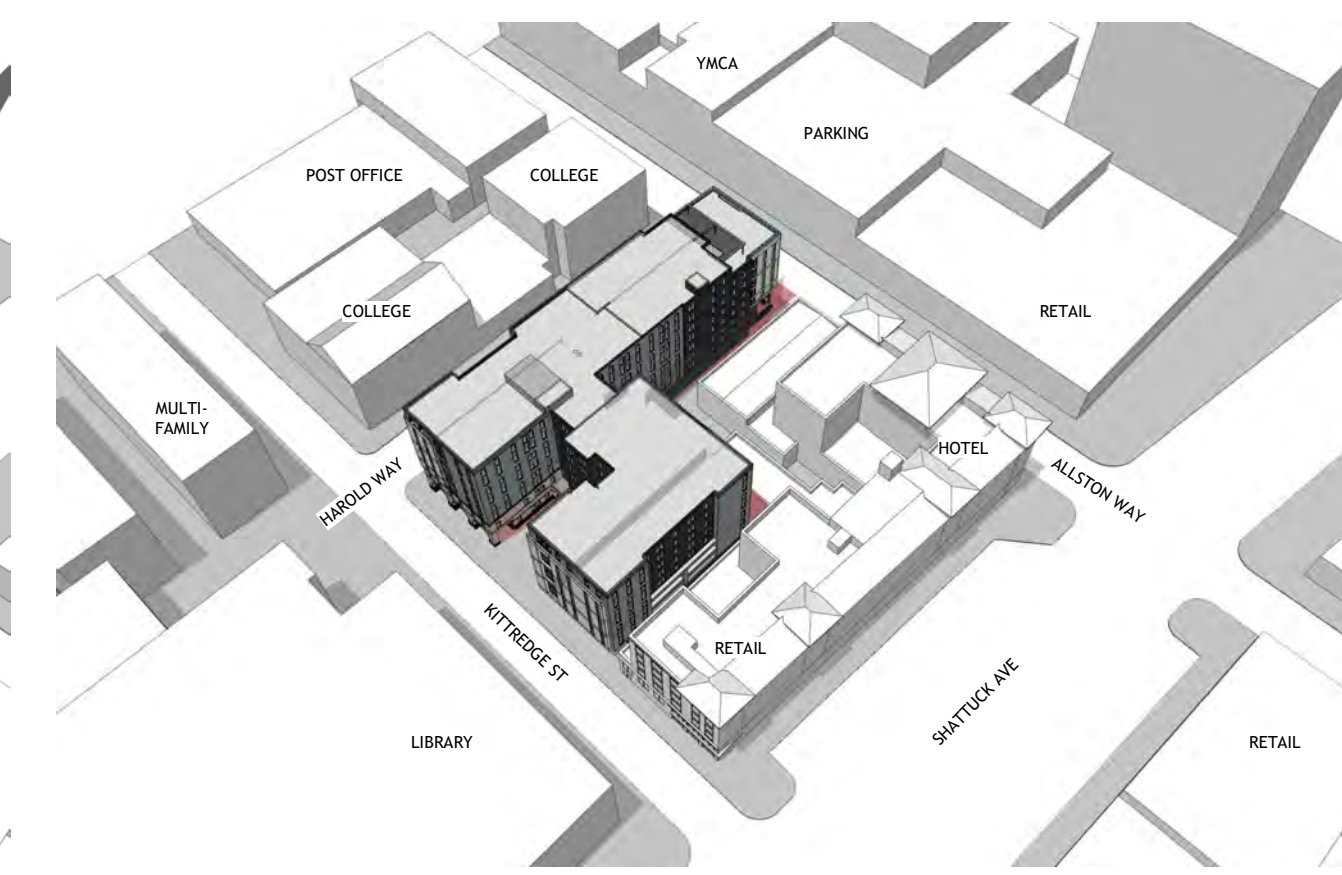
TOP VIEW EXISTING



TOP VIEW PROPOSED



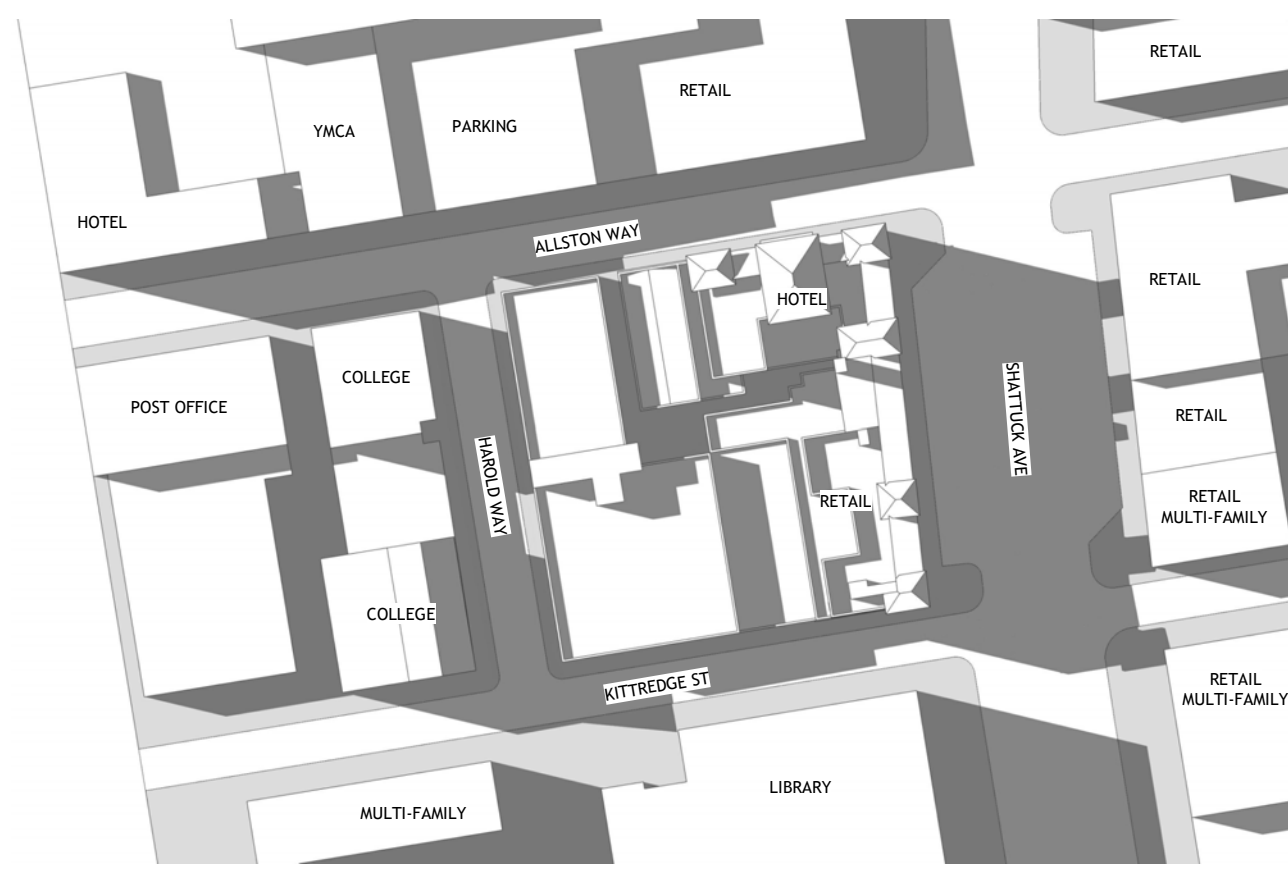
ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

JUNE 21 EVENING

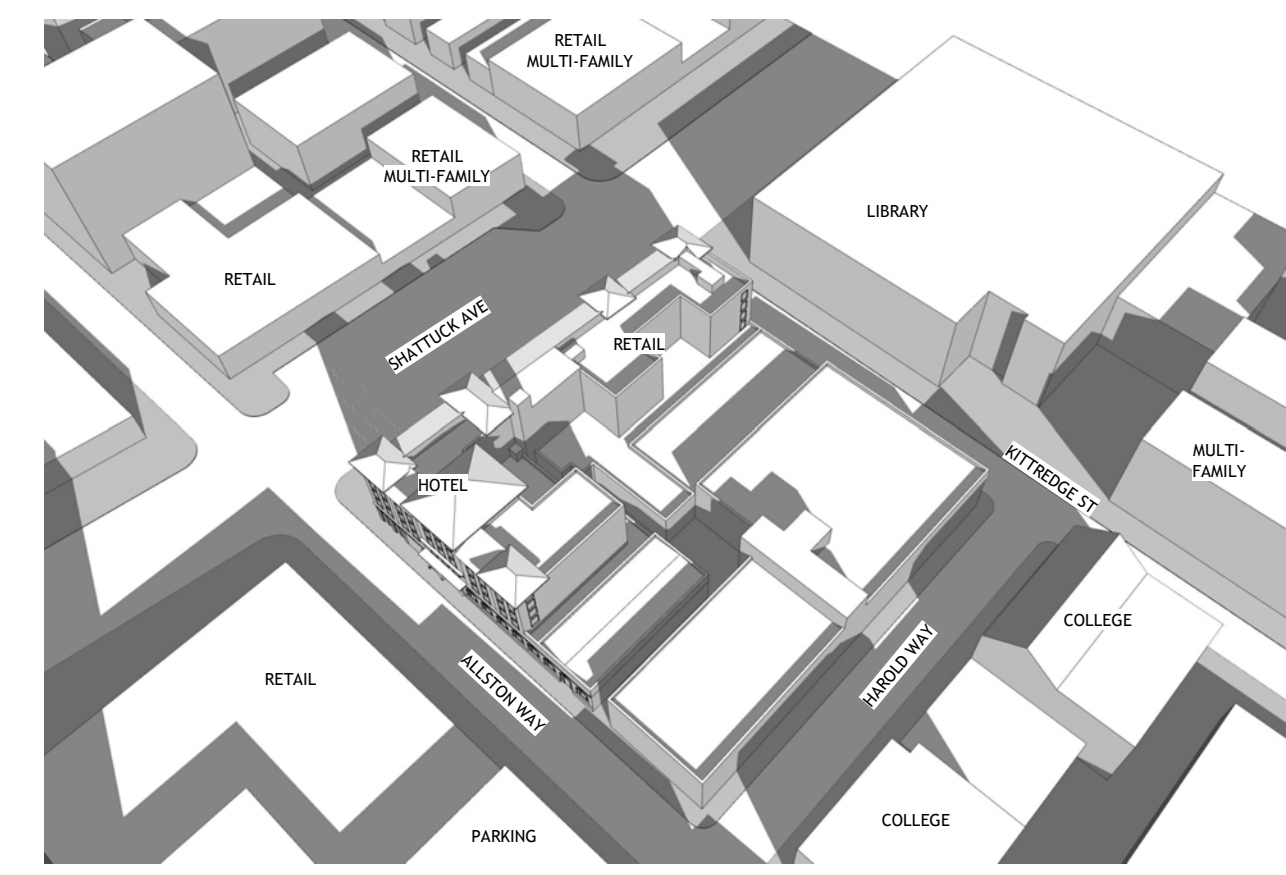
2 HOURS BEFORE SUNSET - 6:34 PM



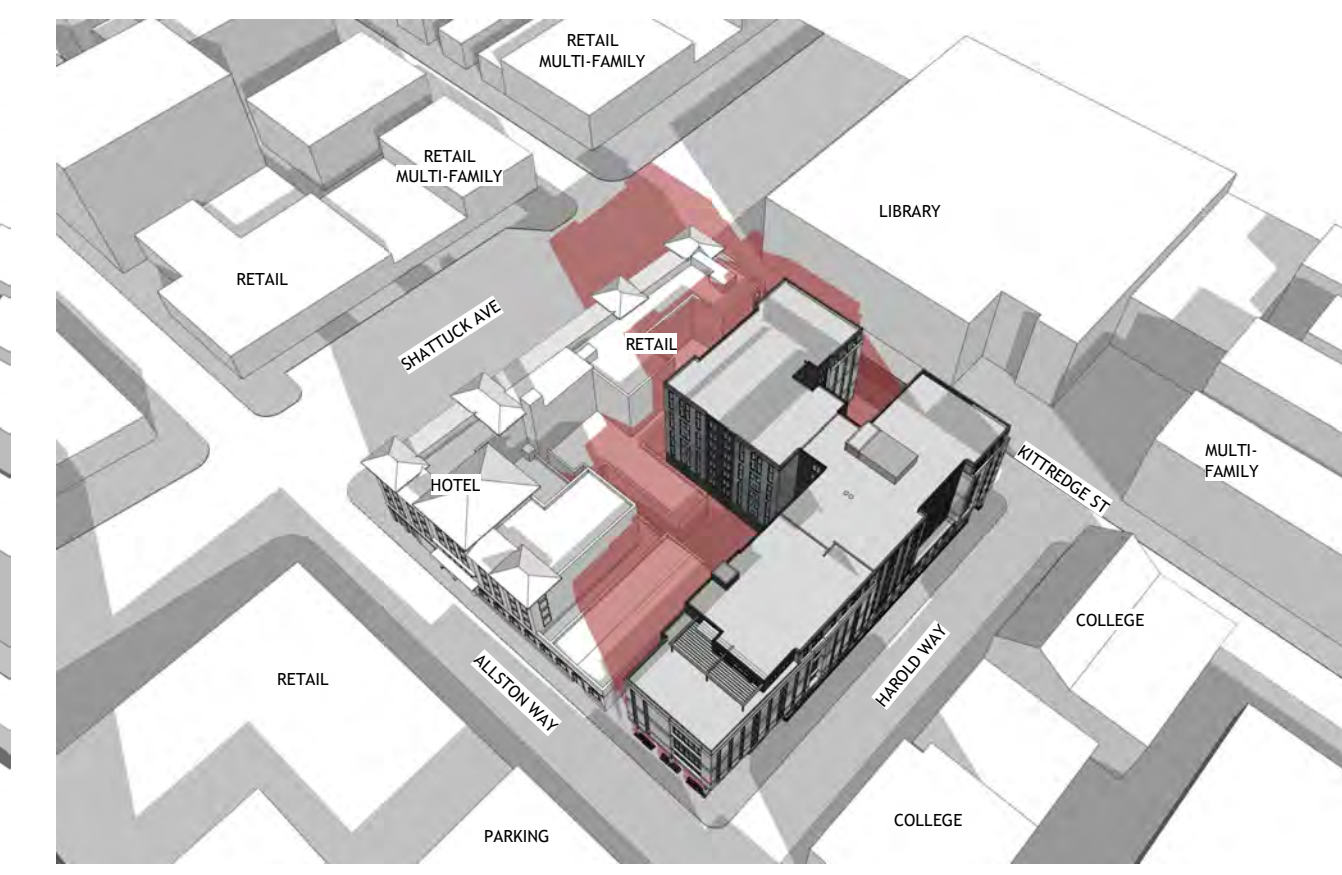
TOP VIEW EXISTING



TOP VIEW PROPOSED



ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

BERKELEY PLAZA
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BERKELEY, CA 94704

CA VENTURES

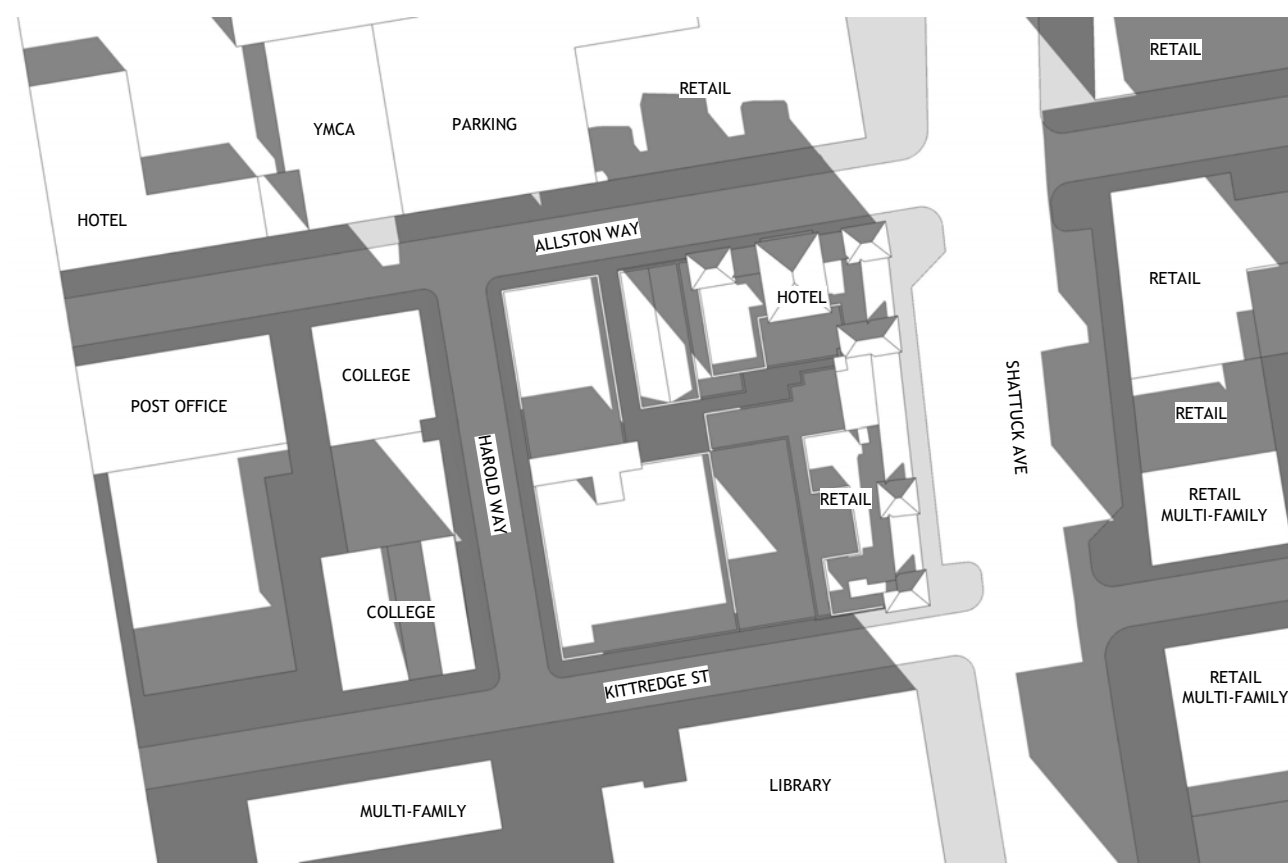
SHEET TITLE:
SHADOW STUDIES - JUNE 21

SHEET NUMBER:
A3-007

NOT RELEASED FOR CONSTRUCTION

DECEMBER 21 MORNING

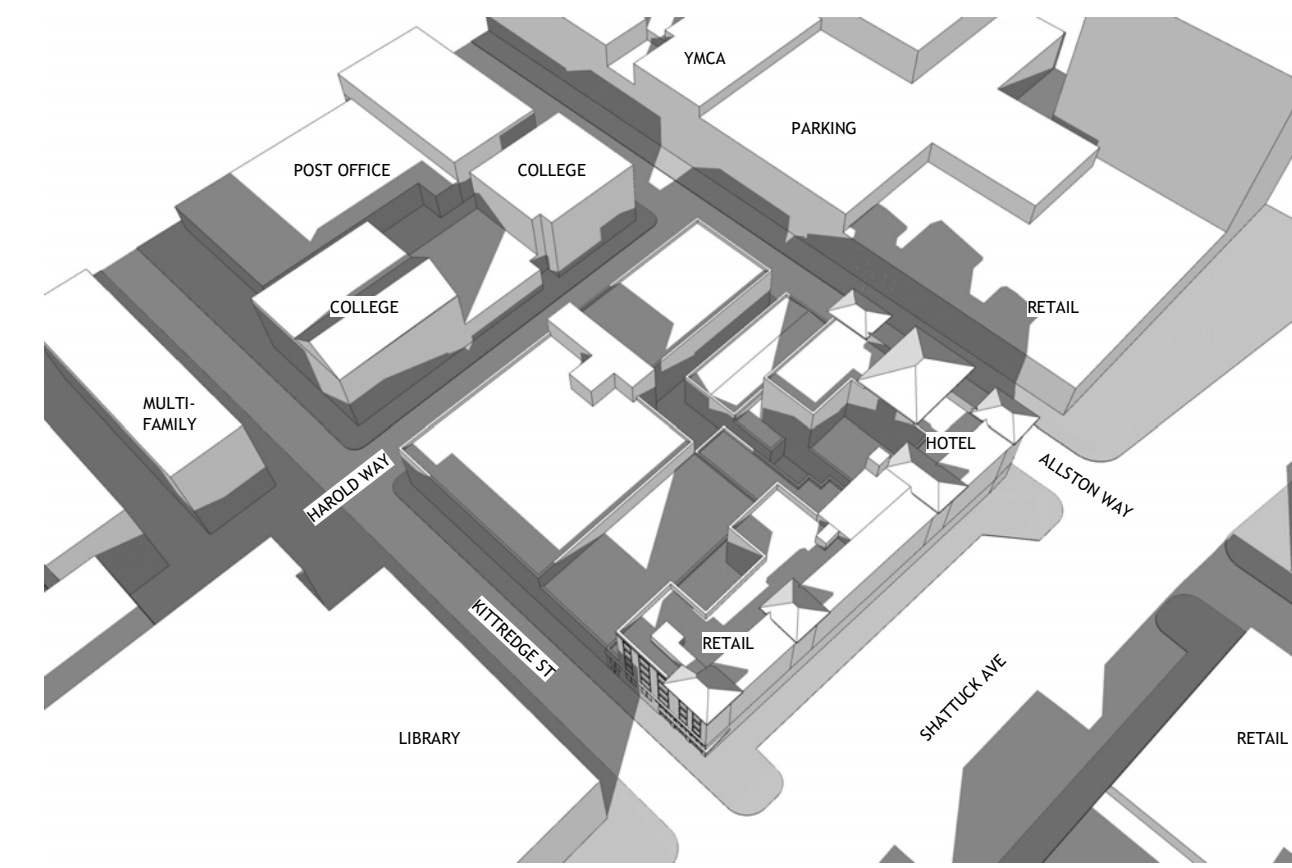
2 HOURS AFTER SUNRISE - 9:21 AM



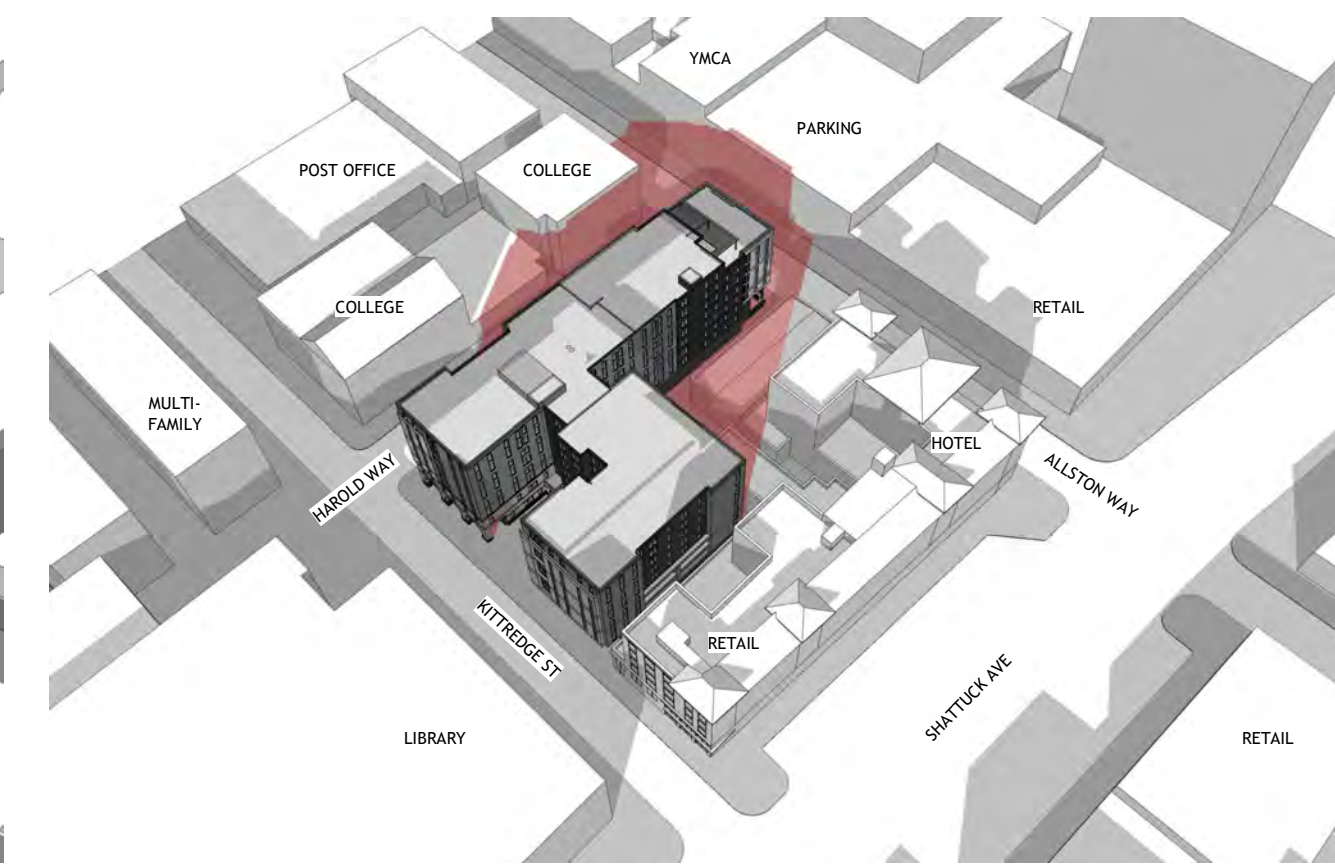
TOP VIEW EXISTING



TOP VIEW PROPOSED



ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

NEW SHADOWS FROM PROPOSED PROJECT SHOWN IN RED

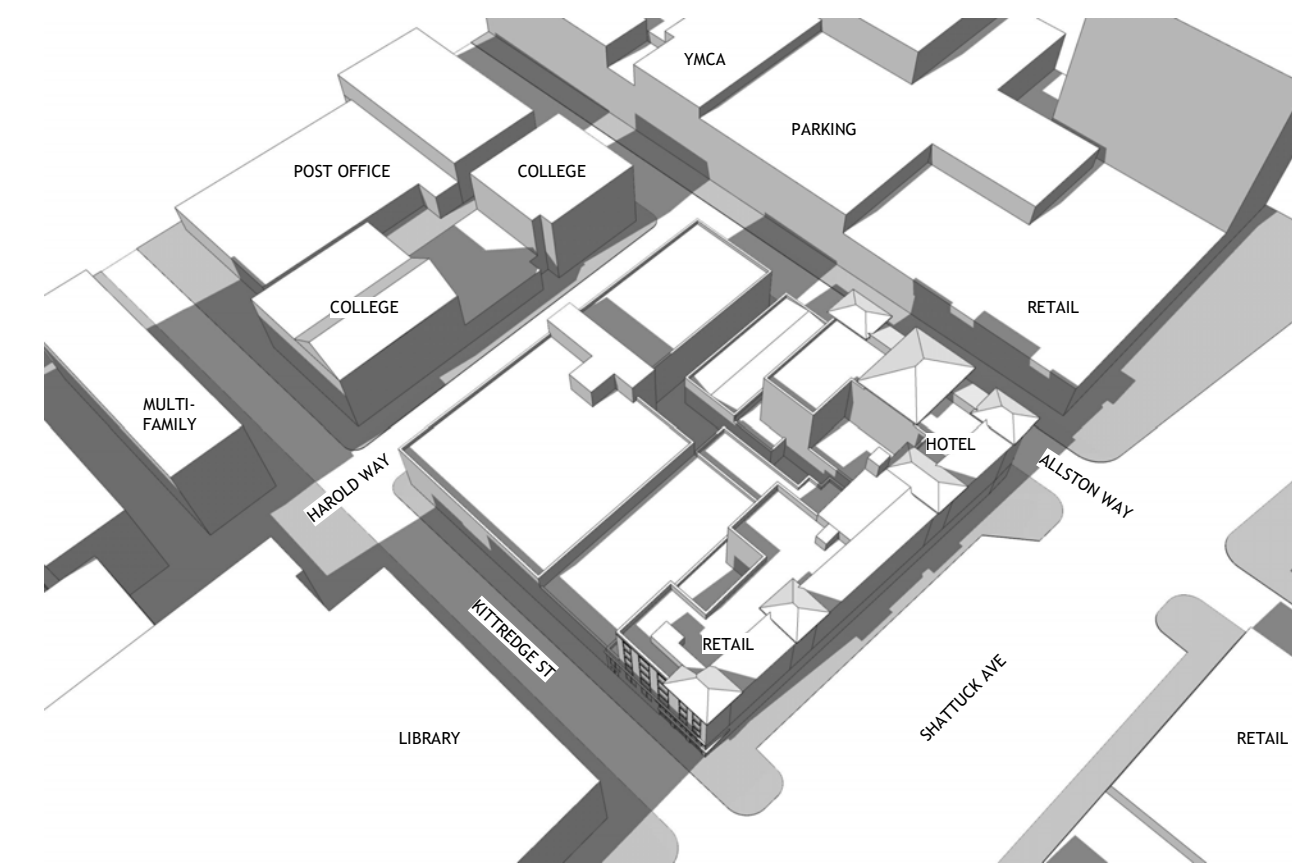
DECEMBER 21 NOON



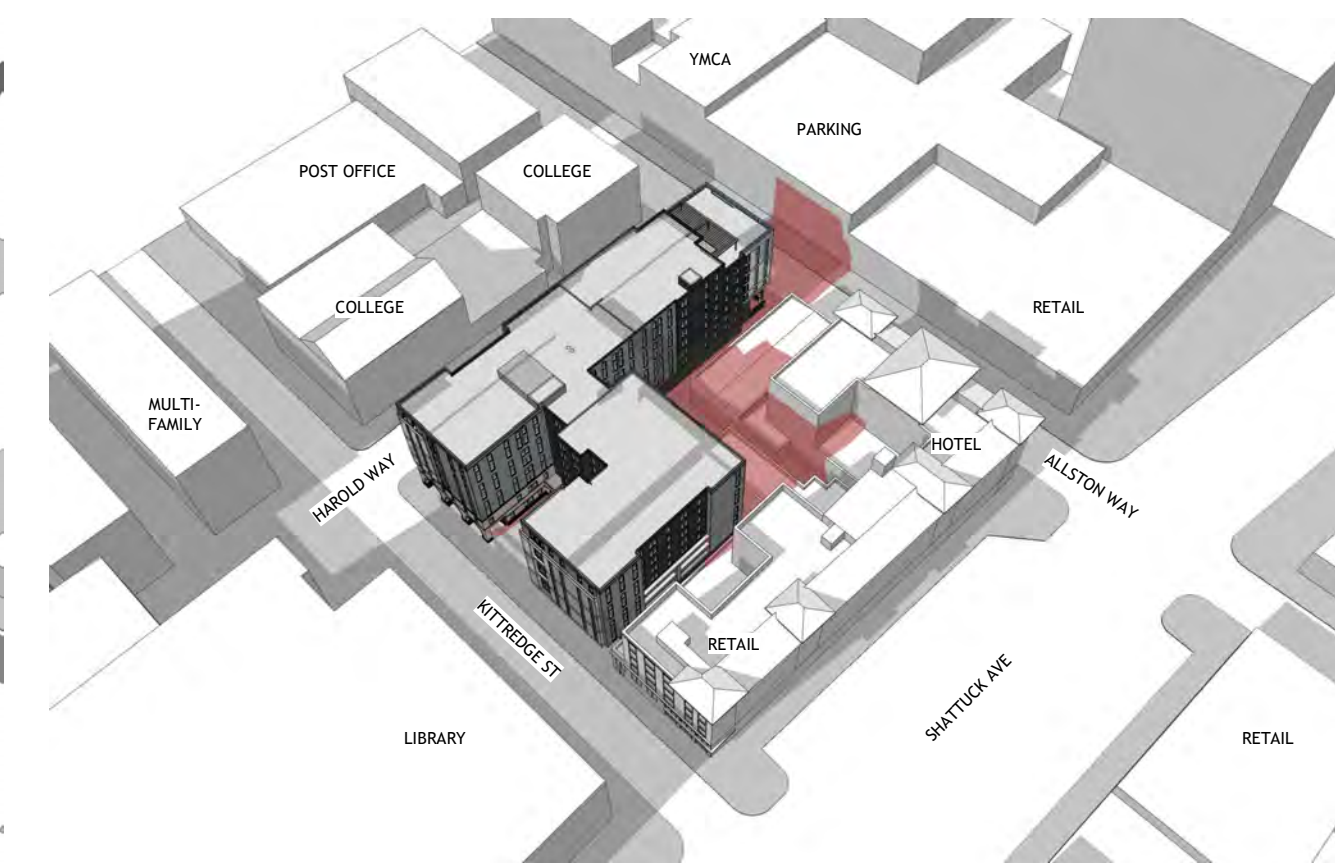
TOP VIEW EXISTING



TOP VIEW PROPOSED



ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

DECEMBER 21 EVENING

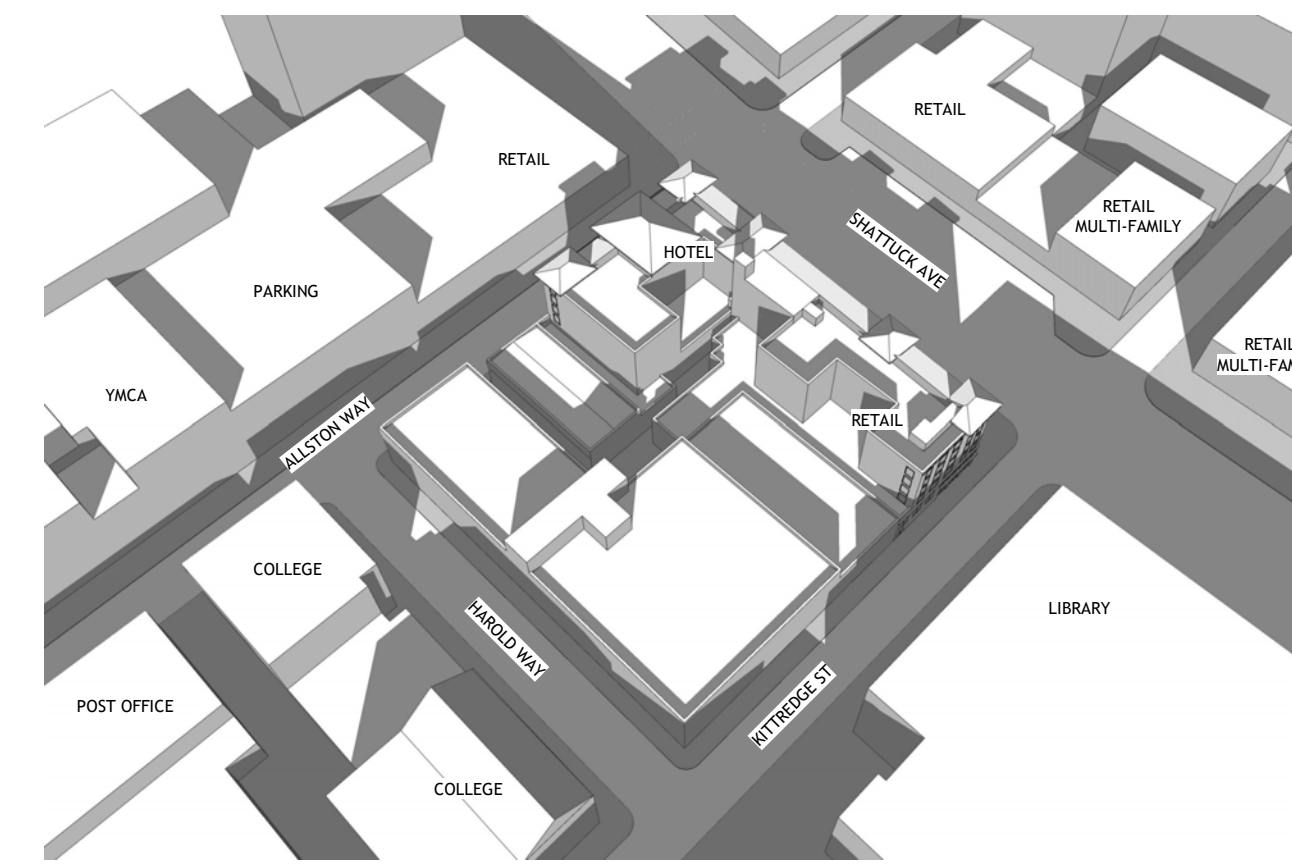
2 HOURS BEFORE SUNSET - 2:53 PM



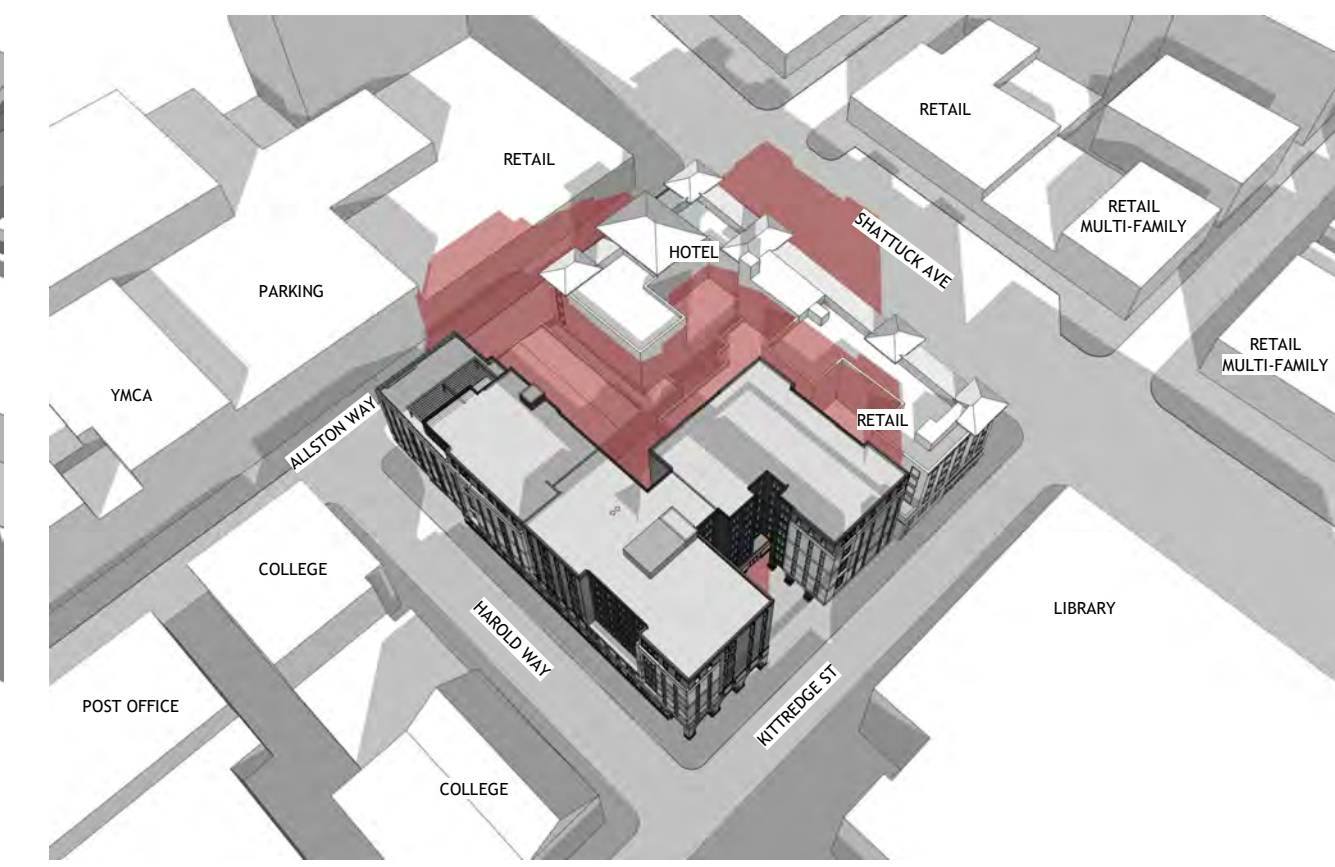
TOP VIEW EXISTING



TOP VIEW PROPOSED



ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED



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

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| No. | Description | Date |
|-----|----------------------|----------|
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |
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BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
SHADOW STUDIES
-DEC 21

SHEET NUMBER:
A3-008

NOT RELEASED FOR CONSTRUCTION

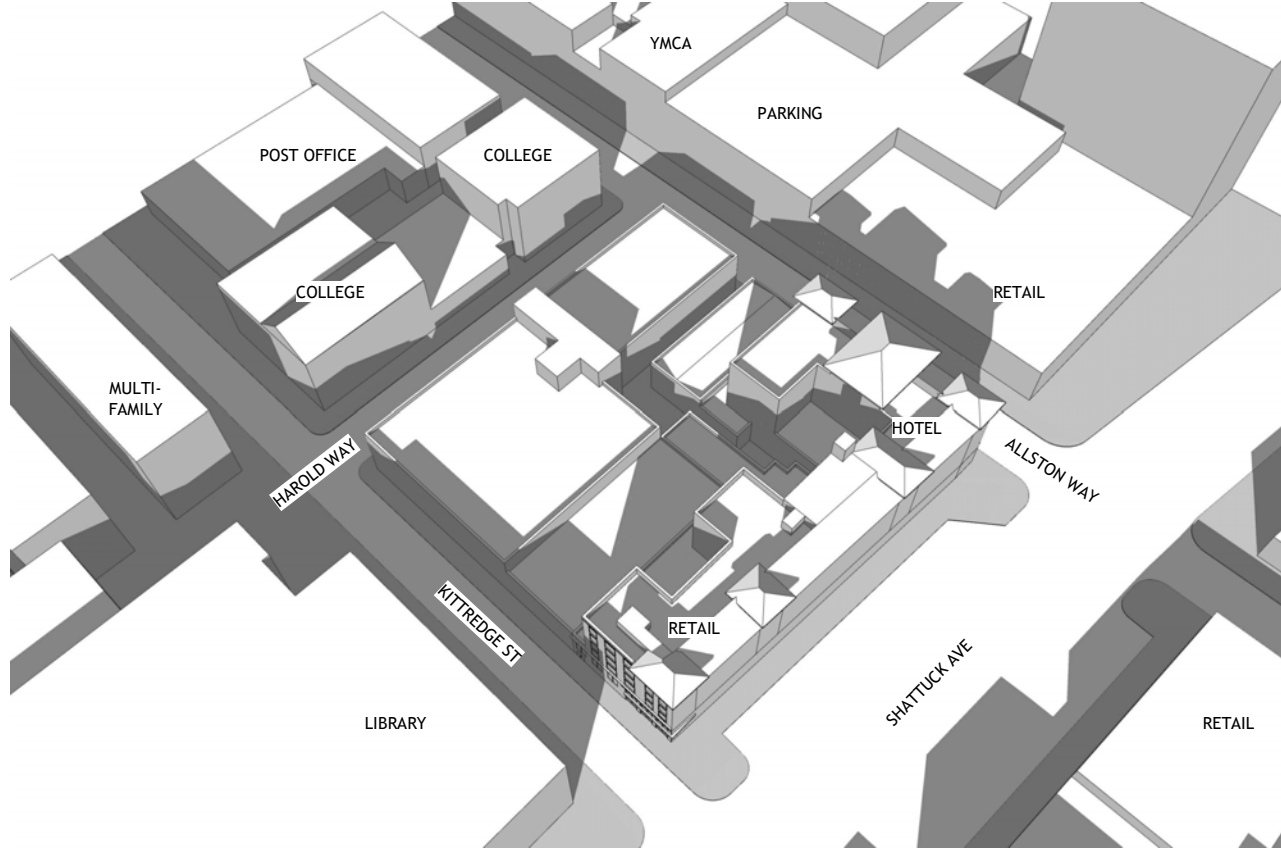
DECEMBER 10 MORNING

2 HOURS AFTER SUNRISE - 9:14 AM



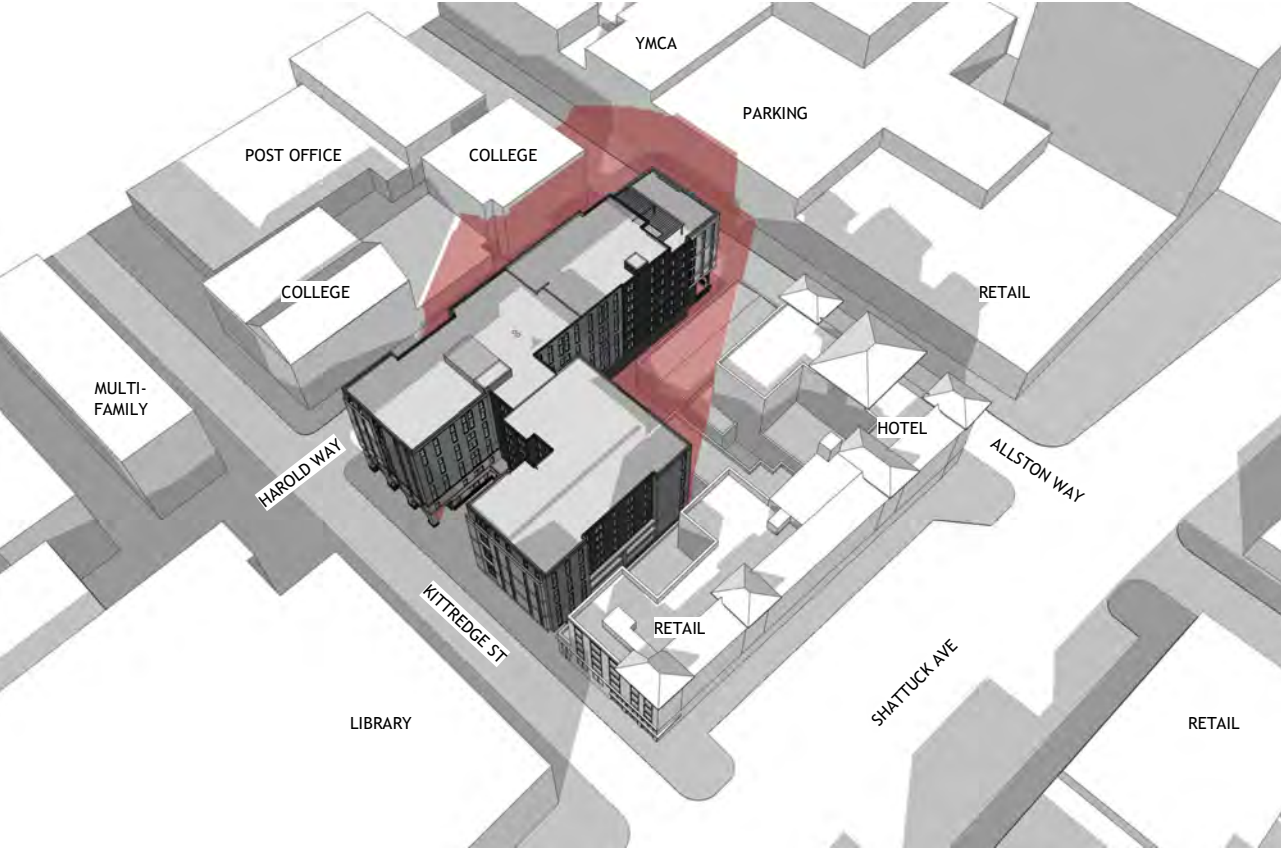
TOP VIEW EXISTING

TOP VIEW PROPOSED



ANGLE VIEW EXISTING

NEW SHADOWS FROM PROPOSED PROJECT SHOWN IN RED



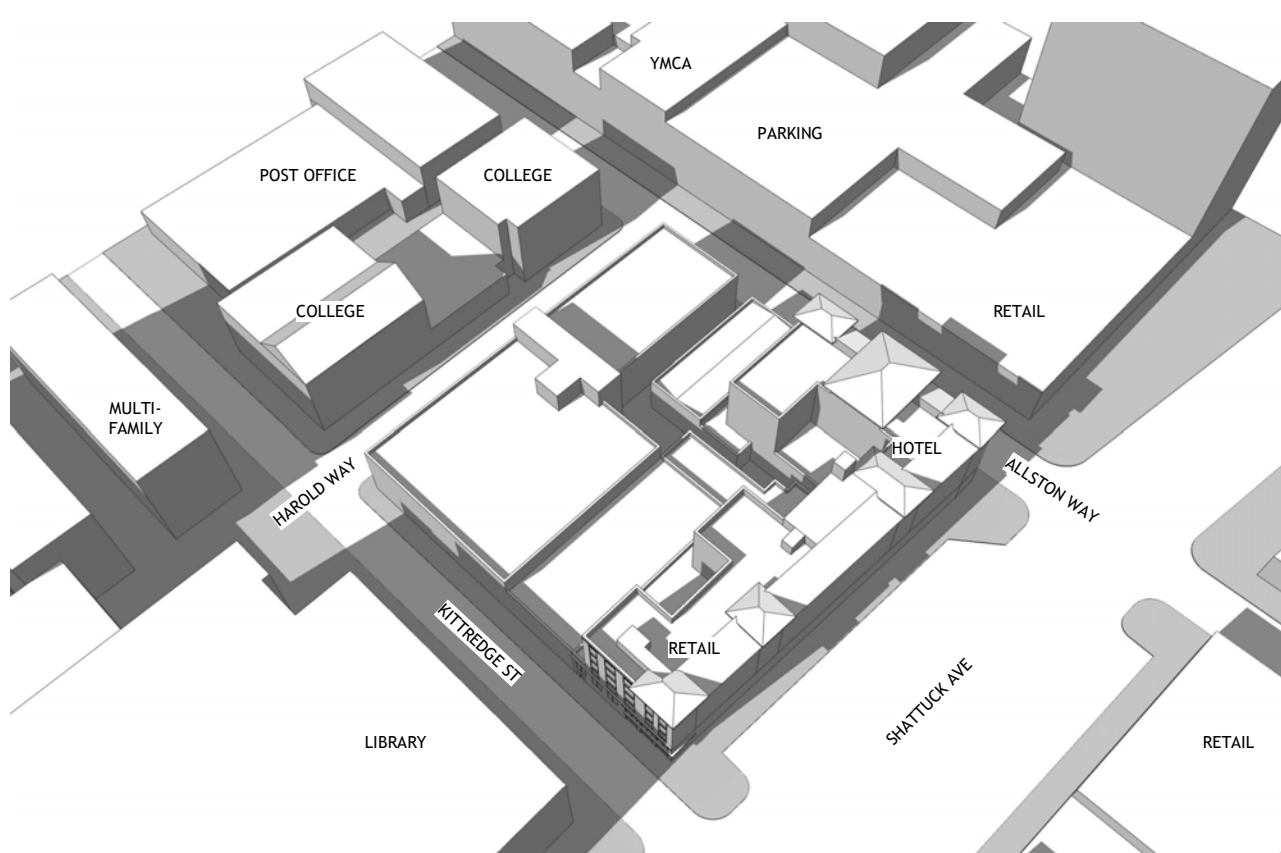
ANGLE VIEW PROPOSED

DECEMBER 10 NOON

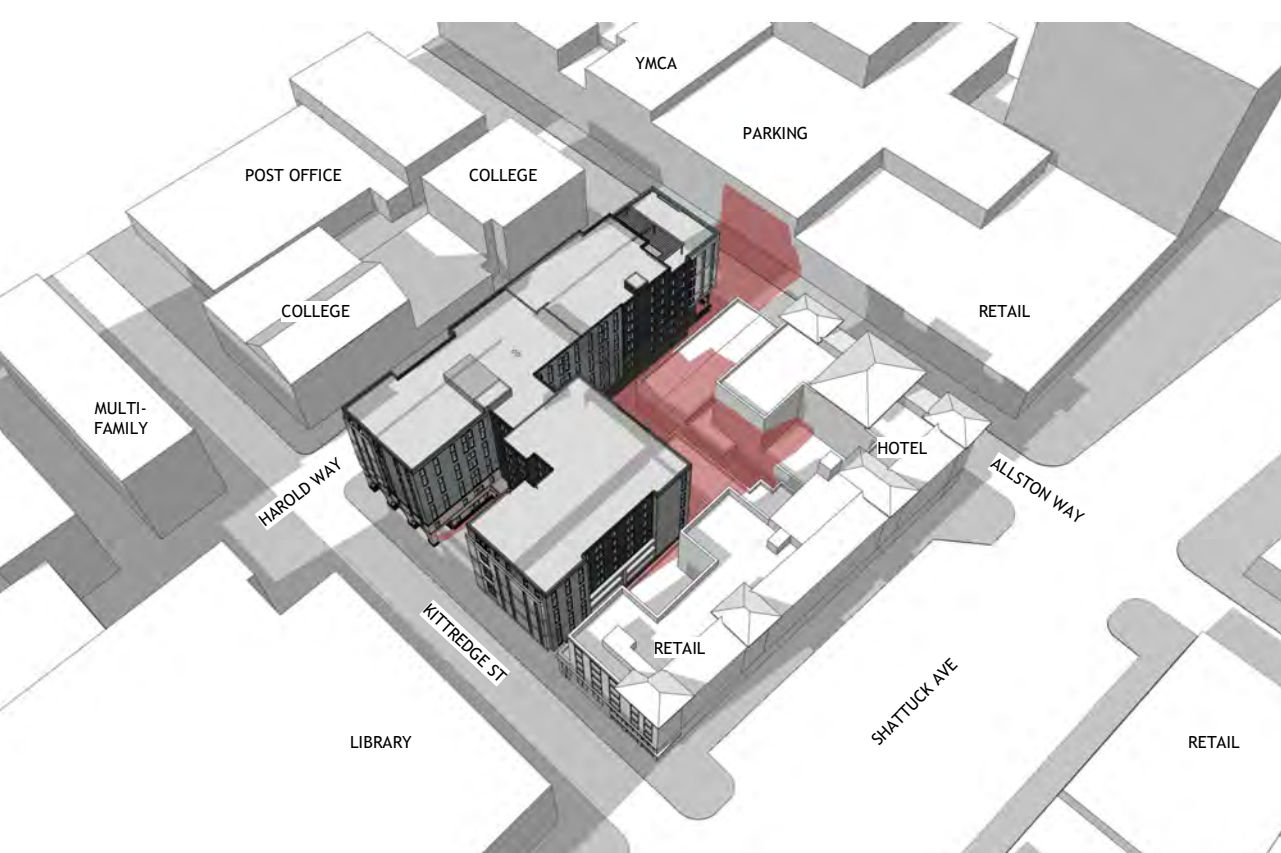


TOP VIEW EXISTING

TOP VIEW PROPOSED



ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

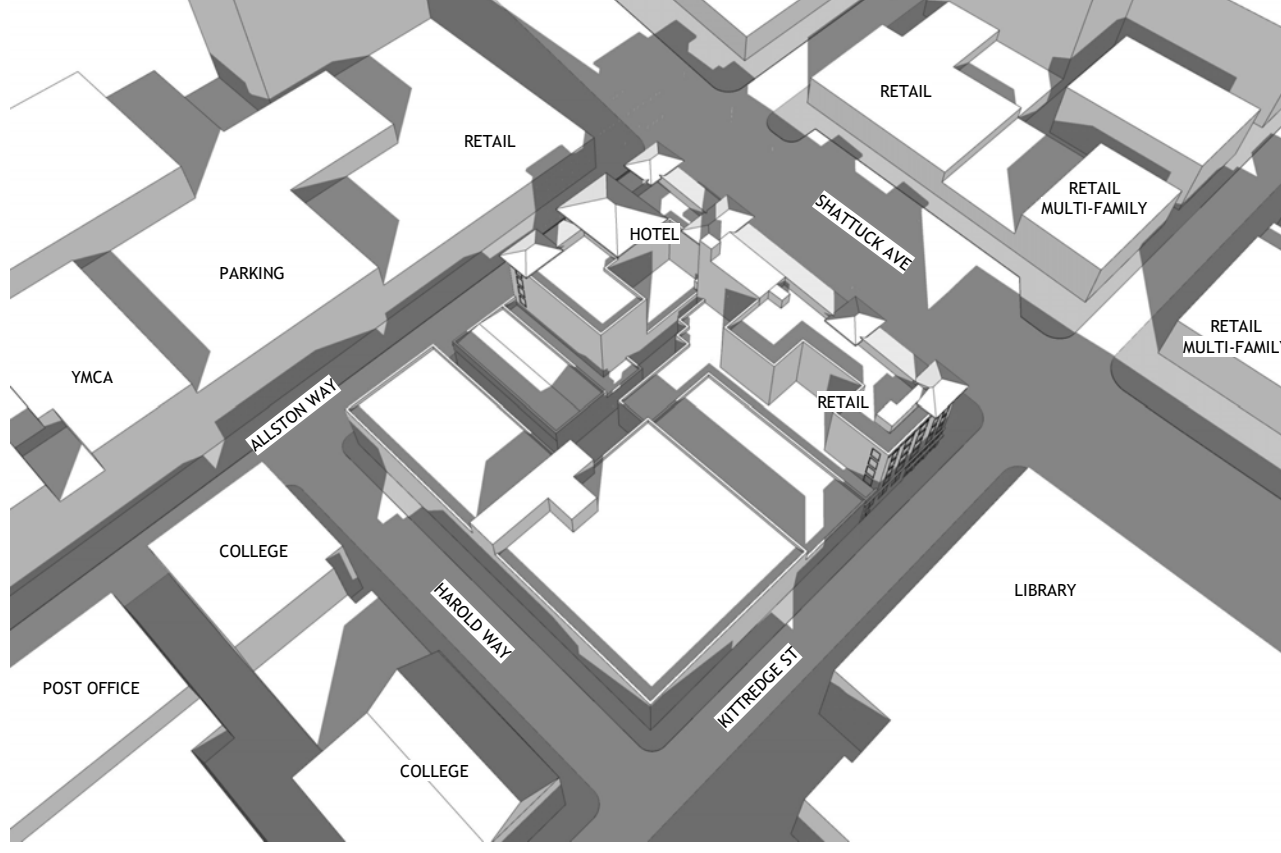
DECEMBER 10 EVENING

2 HOURS BEFORE SUNSET - 2:49 PM

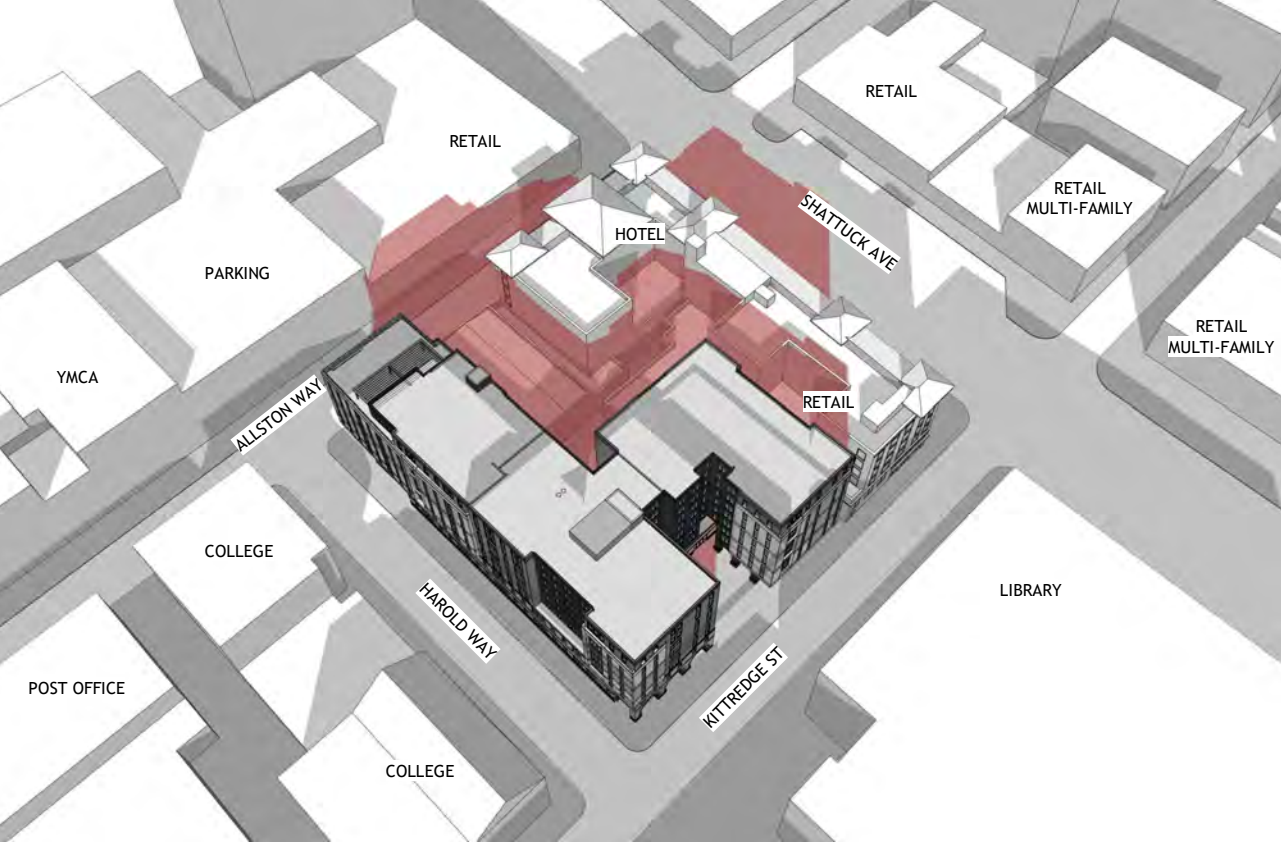


TOP VIEW EXISTING

TOP VIEW PROPOSED



ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED



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

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Atlanta, GA 30305
T 404 365 7600
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| No. | Description | Date |
|-----|----------------------|----------|
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |
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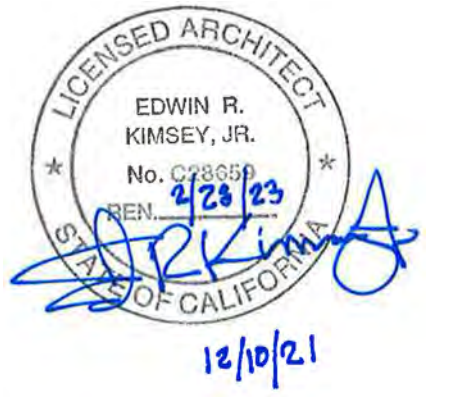
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CA VENTURES

SHEET TITLE:
**SHADOW STUDIES
-DEC 10**

SHEET NUMBER:
A3-009



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

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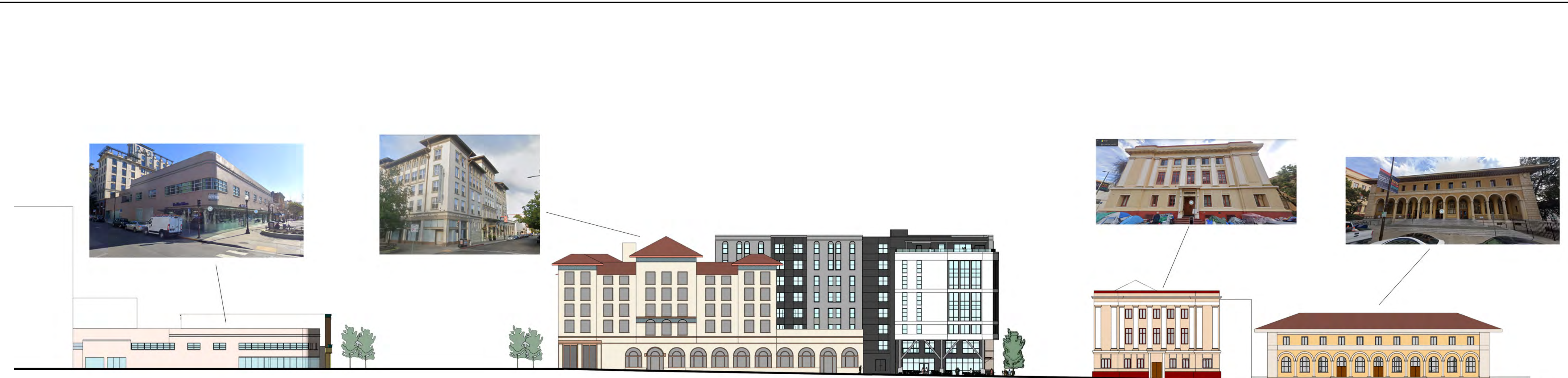
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| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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CA VENTURES



SHATTUCK AVE

HAROLD WAY

1 STREET STRIP ELEVATION - ALLSTON WAY
A3-010 NOT TO SCALE



HAROLD WAY

SHATTUCK AVE

2 STREET STRIP ELEVATION - KITTREDGE ST
A3-010 NOT TO SCALE

SHEET TITLE:
STREET STRIP ELEVATIONS

SHEET NUMBER:
A3-010

NOT RELEASED FOR CONSTRUCTION



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

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| No. | Description | Date |
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| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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CA VENTURES

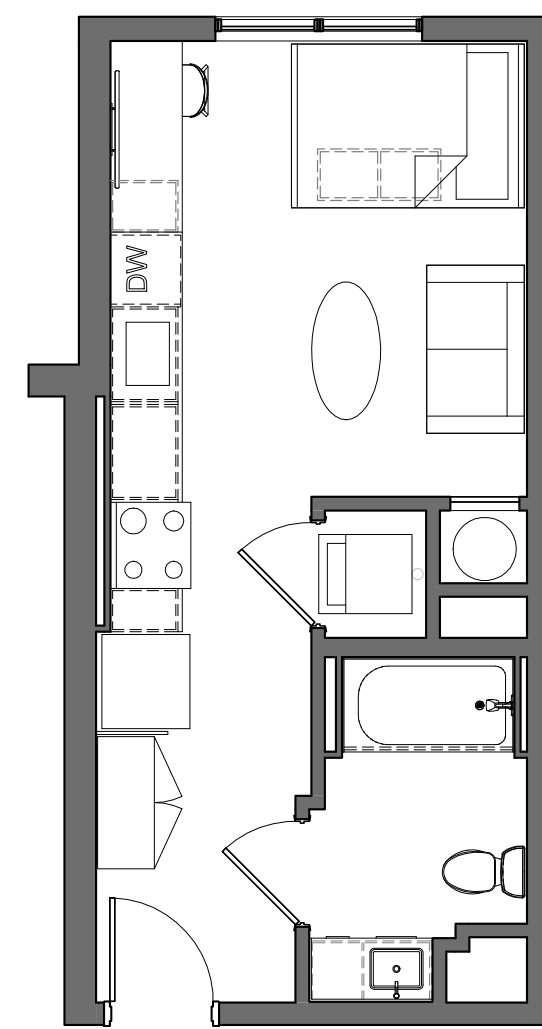
SHEET TITLE:

SAMPLE UNITS

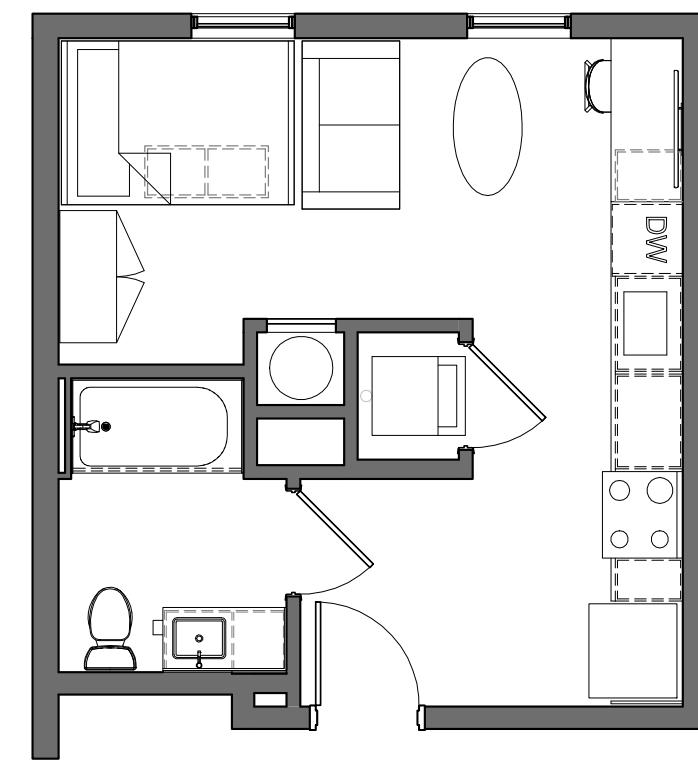
SHEET NUMBER:

A5-001

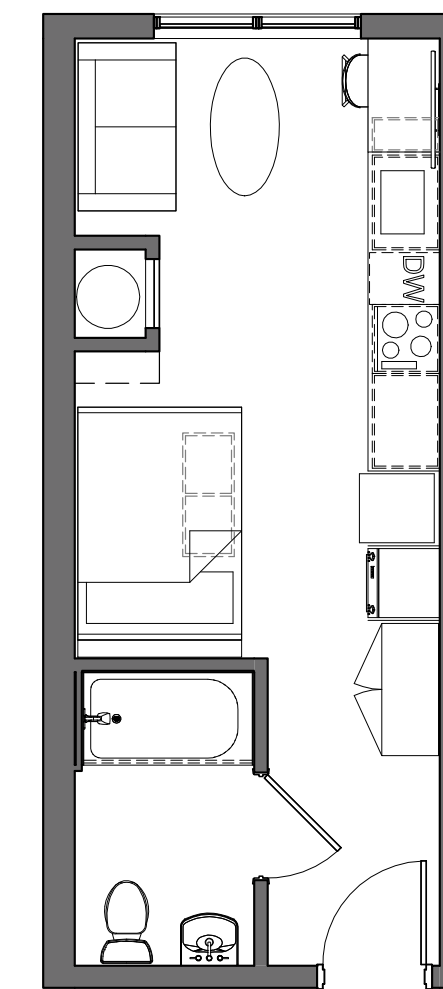
NOT RELEASED FOR CONSTRUCTION



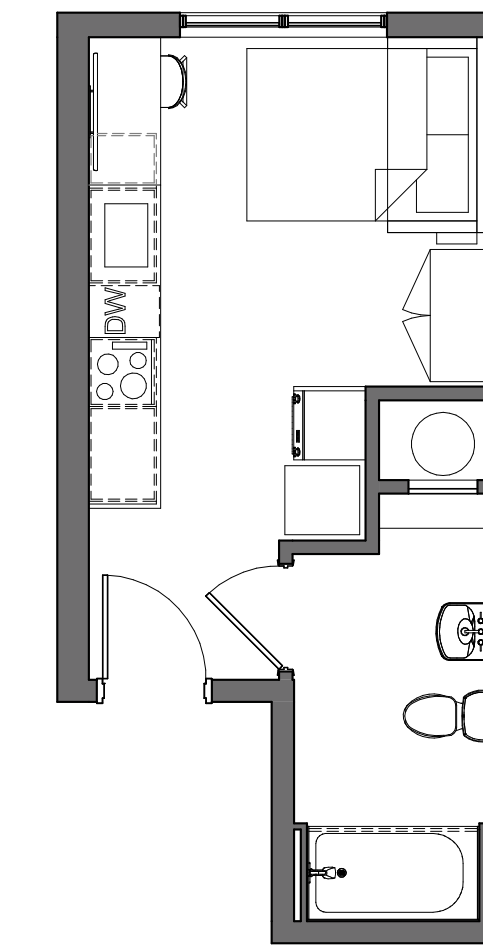
1 SAMPLE UNIT - S1
A5-001 3/16" = 1'-0"



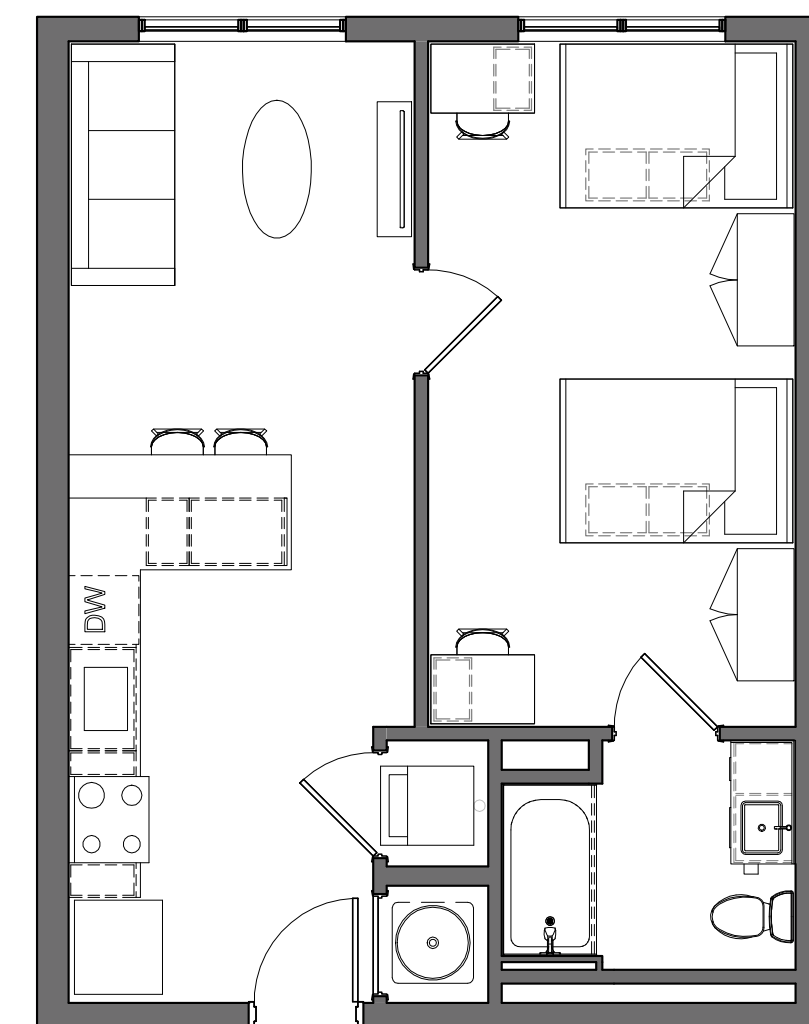
2 SAMPLE UNIT - S3
A5-001 3/16" = 1'-0"



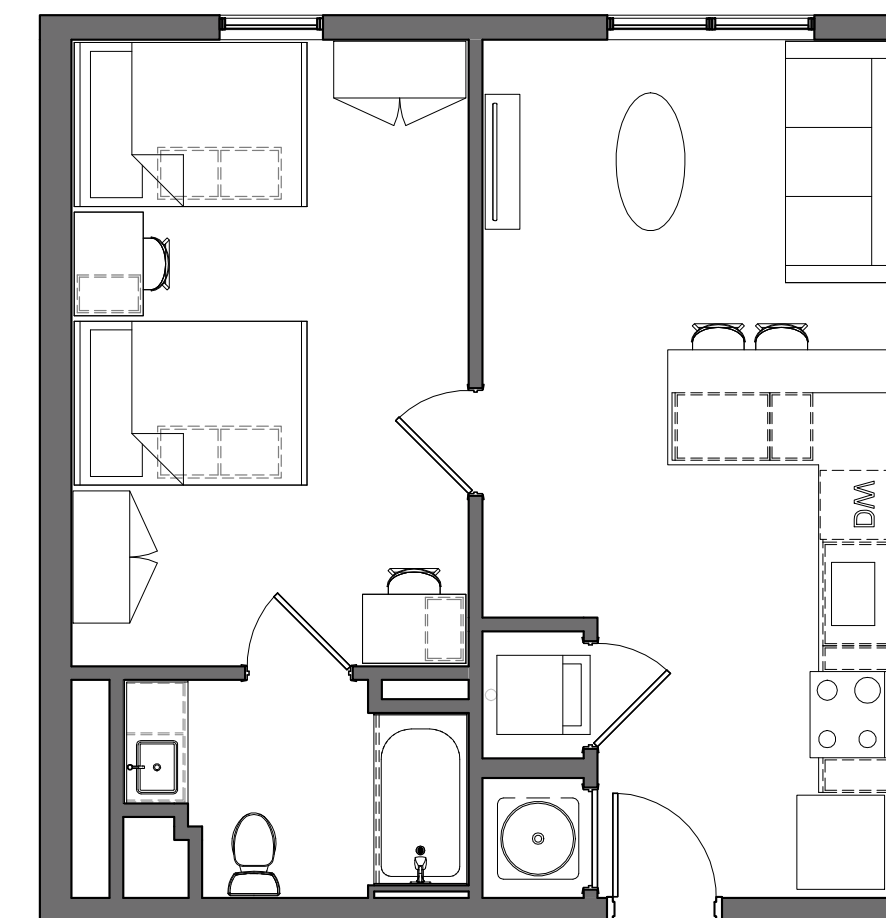
3 SAMPLE UNIT - MS1
A5-001 3/16" = 1'-0"



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



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



6 SAMPLE UNIT - A2
A5-001 3/16" = 1'-0"



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

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| No. | Description | Date |
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| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |
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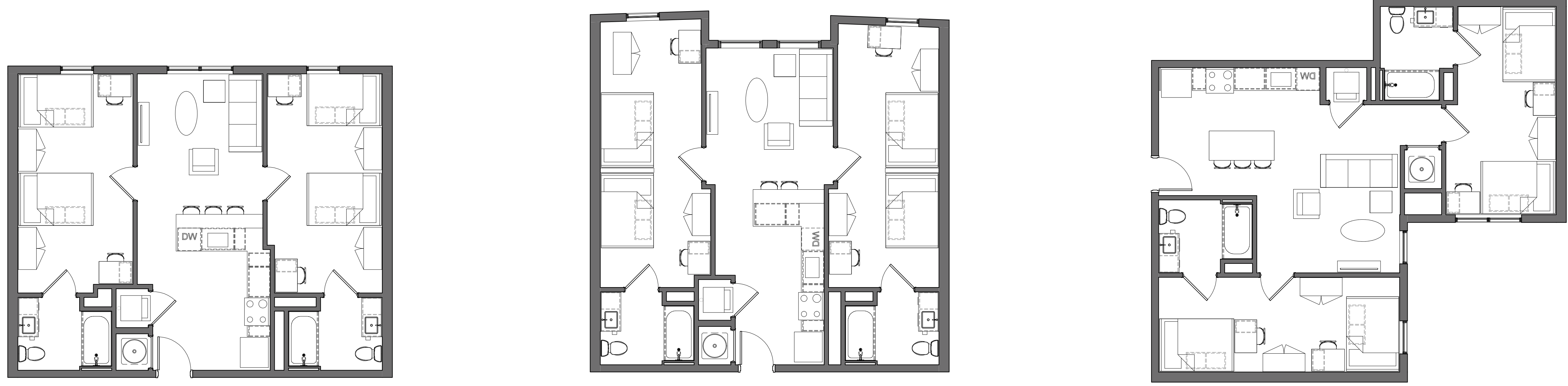
BERKELEY PLAZA
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BERKELEY, CA 94704

CA VENTURES

SHEET TITLE:
SAMPLE UNITS

SHEET NUMBER:
A5-002

NOT RELEASED FOR CONSTRUCTION



4 SAMPLE UNIT - B1
A5-002 3/16" = 1'-0"

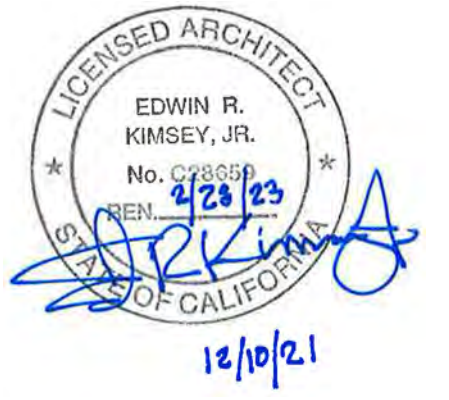
3 SAMPLE UNIT - B2
A5-002 3/16" = 1'-0"

1 SAMPLE UNIT - B5
A5-002 3/16" = 1'-0"



2 SAMPLE UNIT - C1
A5-002 3/16" = 1'-0"

5 SAMPLE UNIT - C2
A5-002 3/16" = 1'-0"



PROJECT #: 121246
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CHECKED BY: MM

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| No. | Description | Date |
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| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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CA VENTURES



SHATTUCK AVE

HAROLD WAY

1 STREET STRIP ELEVATION - ALLSTON WAY
A3-010 NOT TO SCALE



HAROLD WAY

SHATTUCK AVE

2 STREET STRIP ELEVATION - KITTREDGE ST
A3-010 NOT TO SCALE

SHEET TITLE:
STREET STRIP ELEVATIONS

SHEET NUMBER:
A3-010

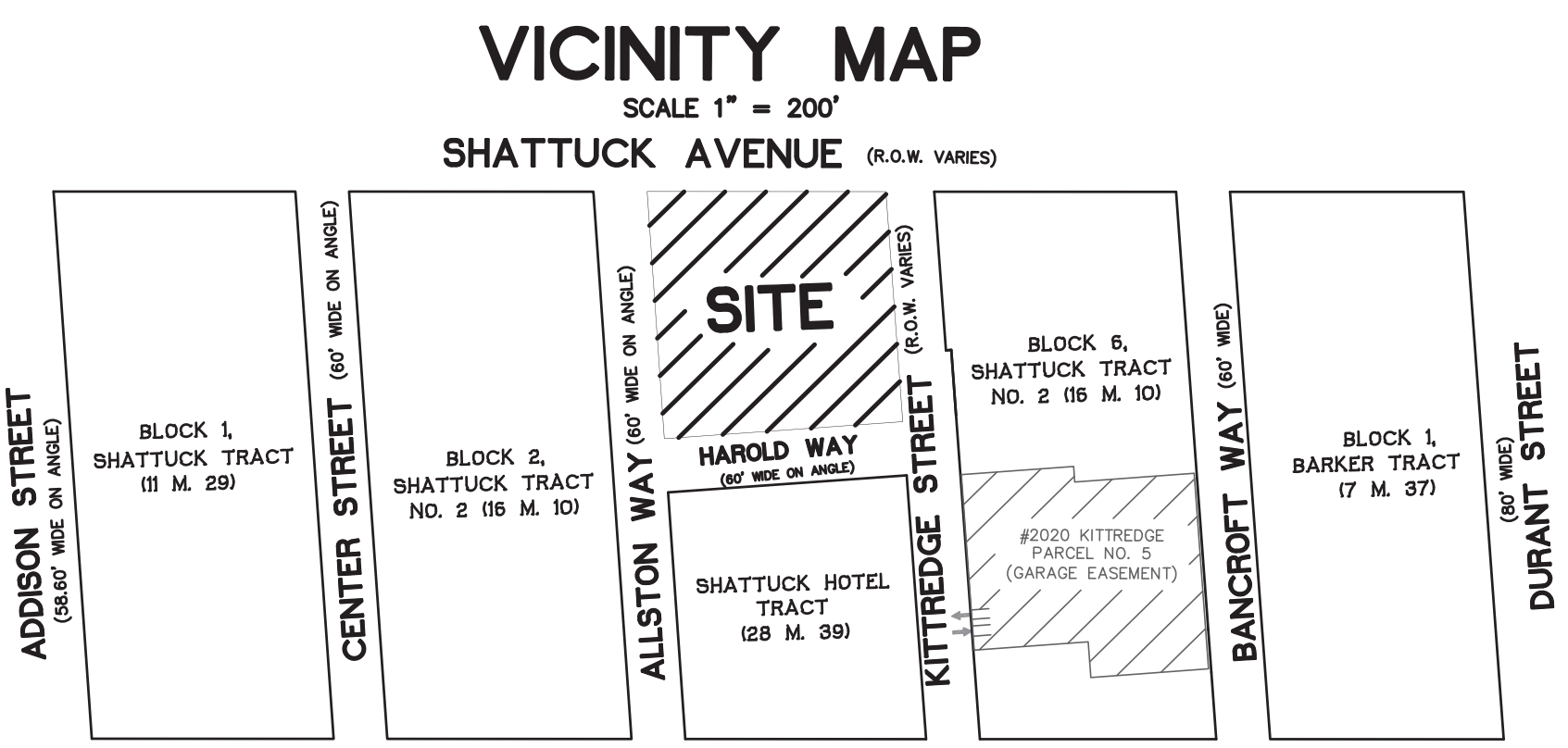
NOT RELEASED FOR CONSTRUCTION

PROPERTY LINE NOTES table with 7 columns and 7 rows of notes (N-1 to N-28) detailing property boundaries and features.

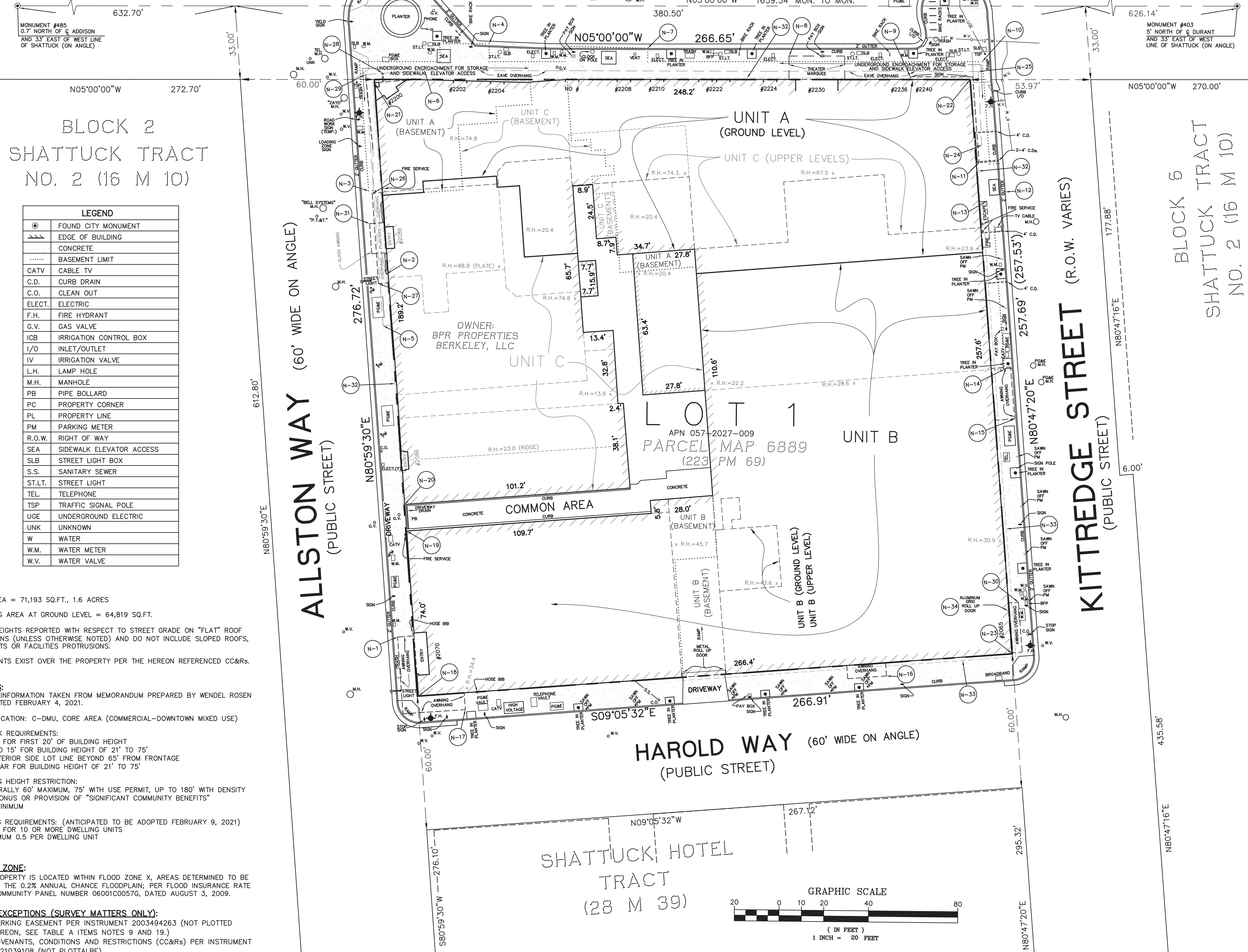
TABLE A ITEM NOTES:
7.(d)(2) VALUES IN UNIT AREAS TABLE DERIVED FROM CONDOMINIUM PLAN (2021036601)
9. NO PARKING SPACES CURRENTLY EXIST ON THIS PROPERTY. 265 PARKING SPACES (PER THE OPERATING COMPANY) ARE AVAILABLE PER THE EASEMENT REFERENCED IN "PARCEL NO. 5" OF BOTH TRACTS ONE AND TWO.
10. NO PARTY WALLS WERE DESIGNATED BY THE CLIENT.
11. OBSERVED EVIDENCE OF UTILITIES LOCATIONS ARE BASED UPON SURFACE STRUCTURES, VERIFIY 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 KITTEREDGE STREET IS 215± FEET WESTERLY OF THE SUBJECT PROPERTY ON THE SOUTHERN SIDE OF THE STREET.

SHATTUCK AVENUE (R.O.W. VARIES)

(PUBLIC STREET)



UNIT AREAS (SQ.FT.) table with columns for Unit, Basement, Ground, and Upper areas.



LEGEND table listing symbols for FOUND CITY MONUMENT, EDGE OF BUILDING, CONCRETE, BASEMENT LIMIT, CATV, C.D., C.O., ELECT., F.H., G.V., ICB, I/O, I.V., L.H., M.H., PB, PC, PL, PM, R.O.W., SEA, SLB, S.S., S.T.L., TEL, TSP, UGE, UNK, W, W.M., W.V., etc.

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 06001C00576, 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. 1 above 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. 1 above 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), 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.

Everett S. Moran
Registered Civil Engineer No. 18650
Date: 2/8/2021
Date of Last Revision: February 8, 2021

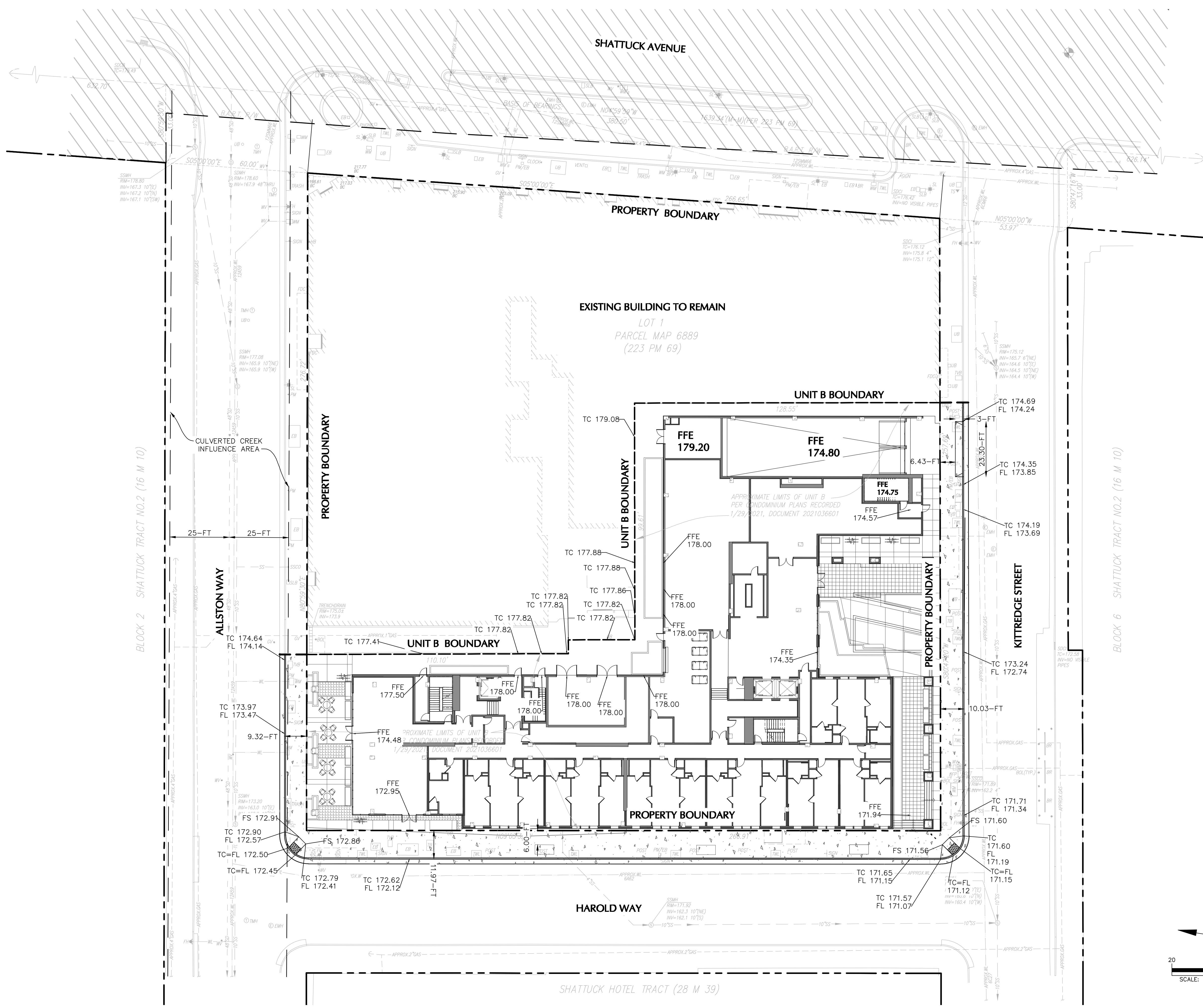


ALTA/NSPS LAND TITLE SURVEY

LOT 1, PARCEL MAP 6889 (223 PM 69)
LOCATED AT 2200-2240 SHATTUCK AVENUE, 2070 ALLSTON WAY
AND 2065 KITTEREDGE 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



PROJECT #: 731754801
DRAWN BY: NS
CHECKED BY: AKC/JRJ

NILES BOLTON ASSOCIATES
LANGAN
Langan Engineering and Environmental Services, Inc.
185 San Street, Suite 100
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 | PLAN UPDATE | 6/28/21 |
| 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 |

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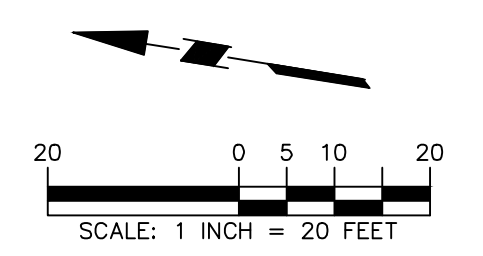
BERKELEY PLAZA
2060 ALLSTON WAY
BERKELEY, CA 94704
CA VENTURES



SHEET TITLE:
GRADING PLAN

SHEET NUMBER:
C2-001

12/10/2021



NOT RELEASED FOR CONSTRUCTION



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



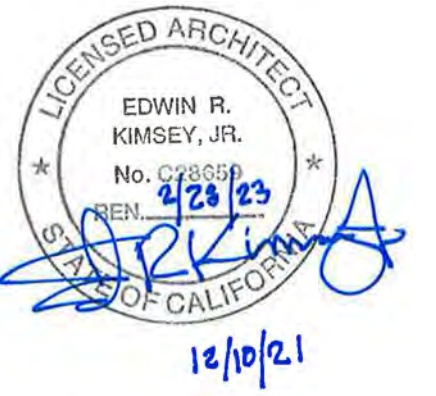
2 SITE PHOTO - ALLSTON WAY AND HAROLD WAY - LOOKING EAST
A0-001 12" = 1'-0"



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



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



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

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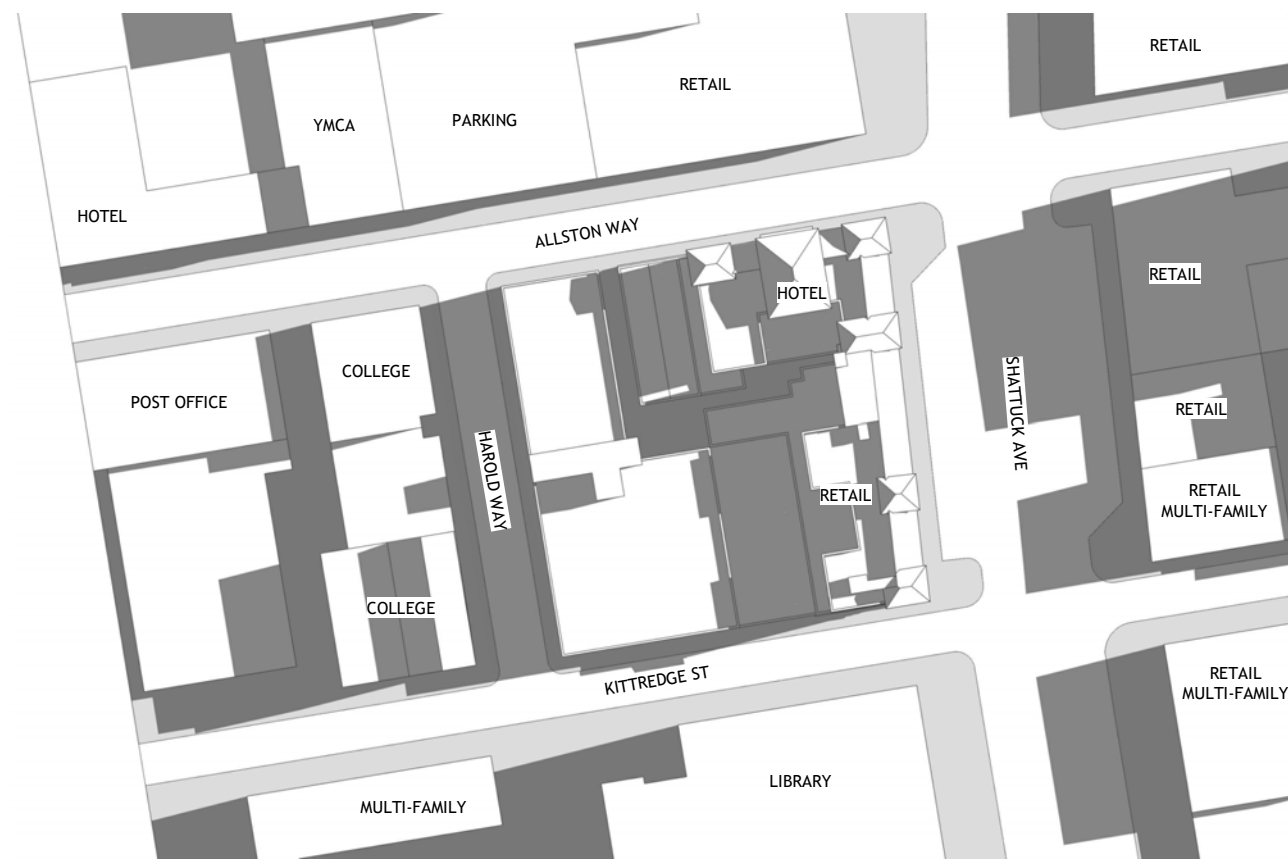
CA VENTURES

SHEET TITLE:
EXISTING SITE PHOTOS

SHEET NUMBER:
A0-001

JUNE 21 MORNING

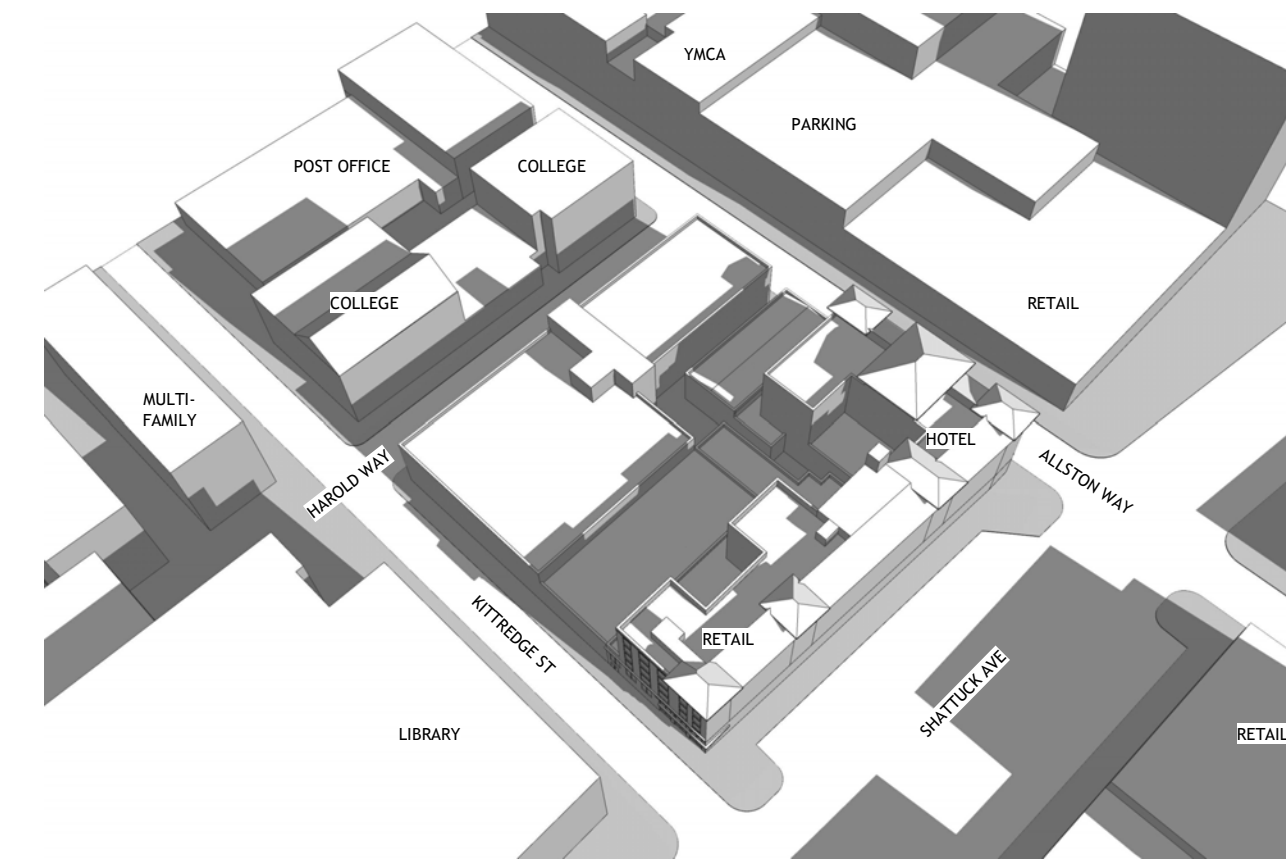
2 HOURS AFTER SUNRISE - 7:47 AM



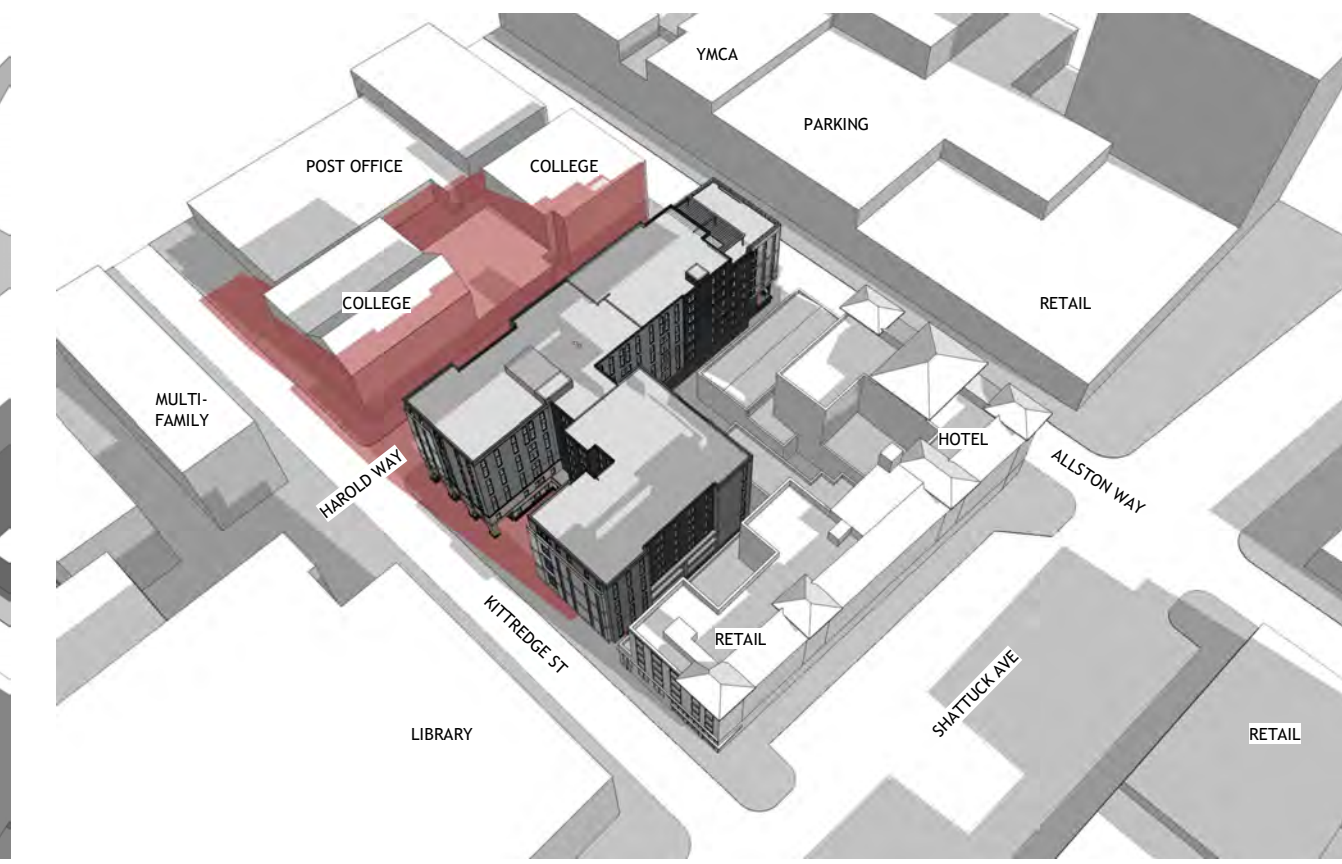
TOP VIEW EXISTING



TOP VIEW PROPOSED



ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

NEW SHADOWS FROM PROPOSED PROJECT SHOWN IN RED



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

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| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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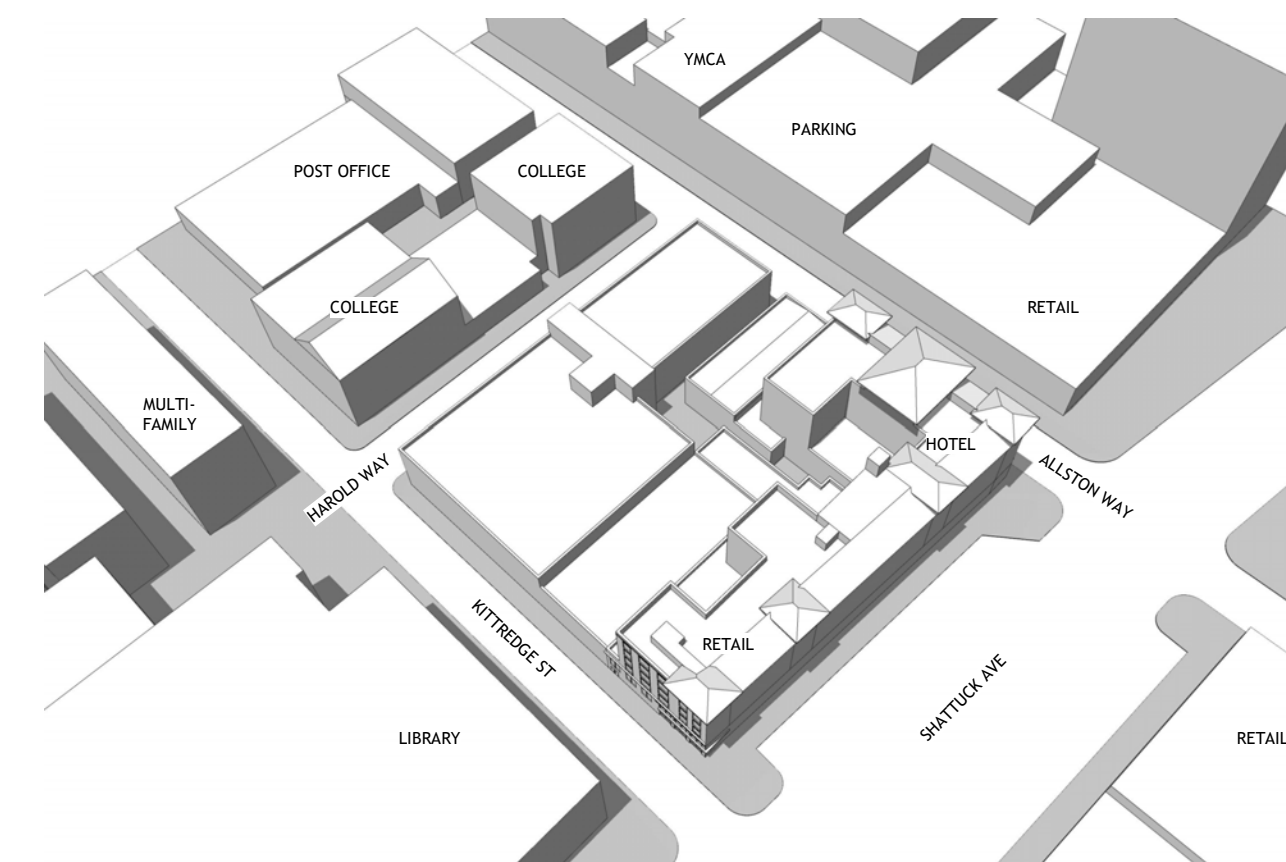
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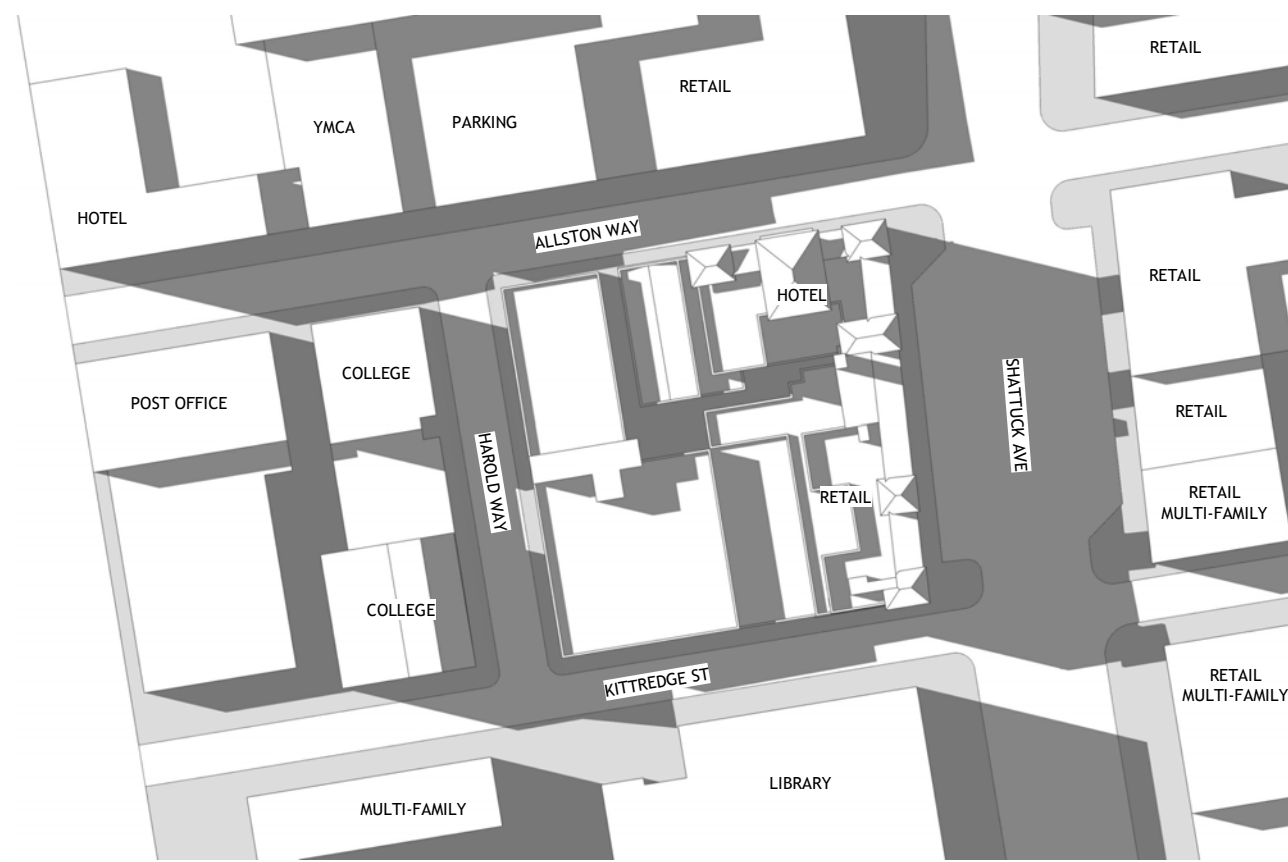
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JUNE 21 EVENING

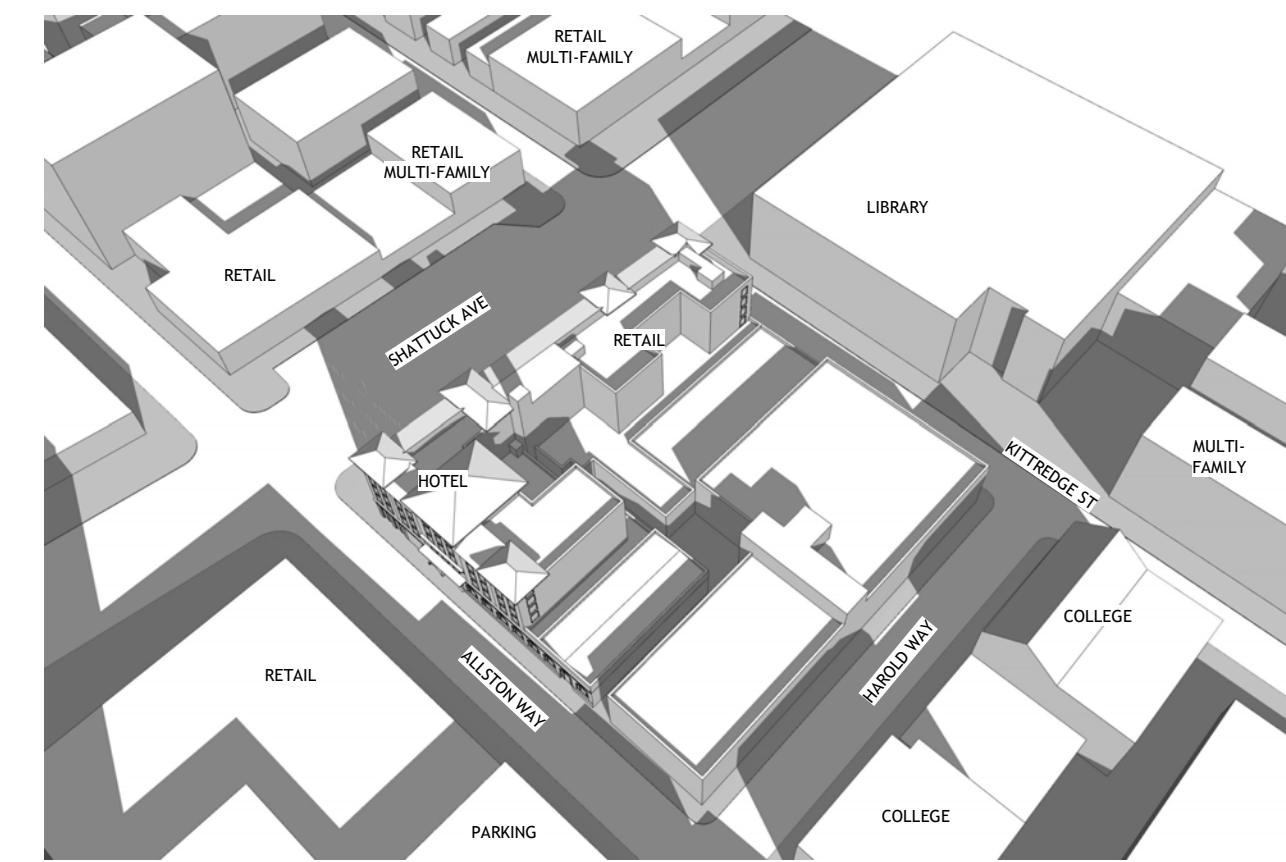
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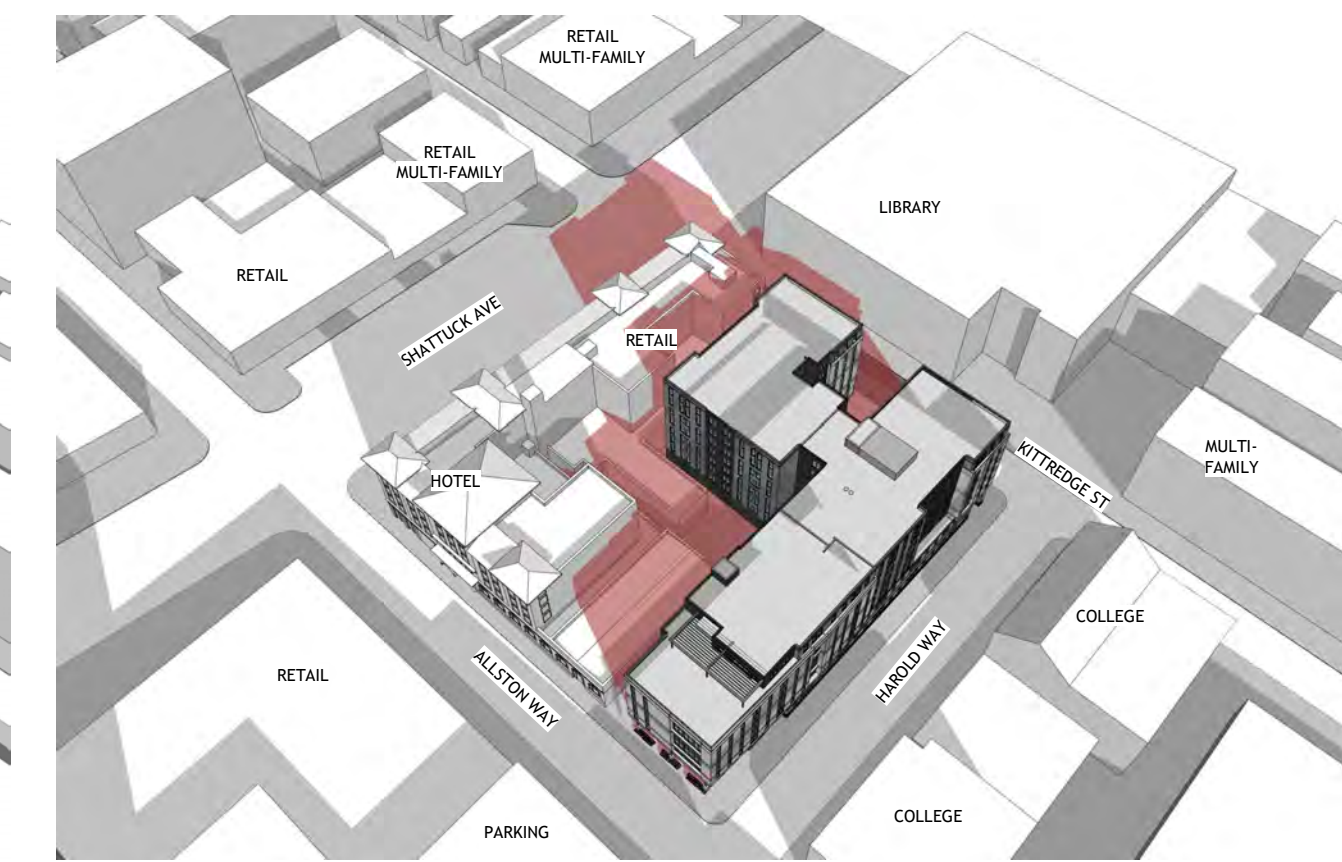
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TOP VIEW PROPOSED



ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

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CA VENTURES

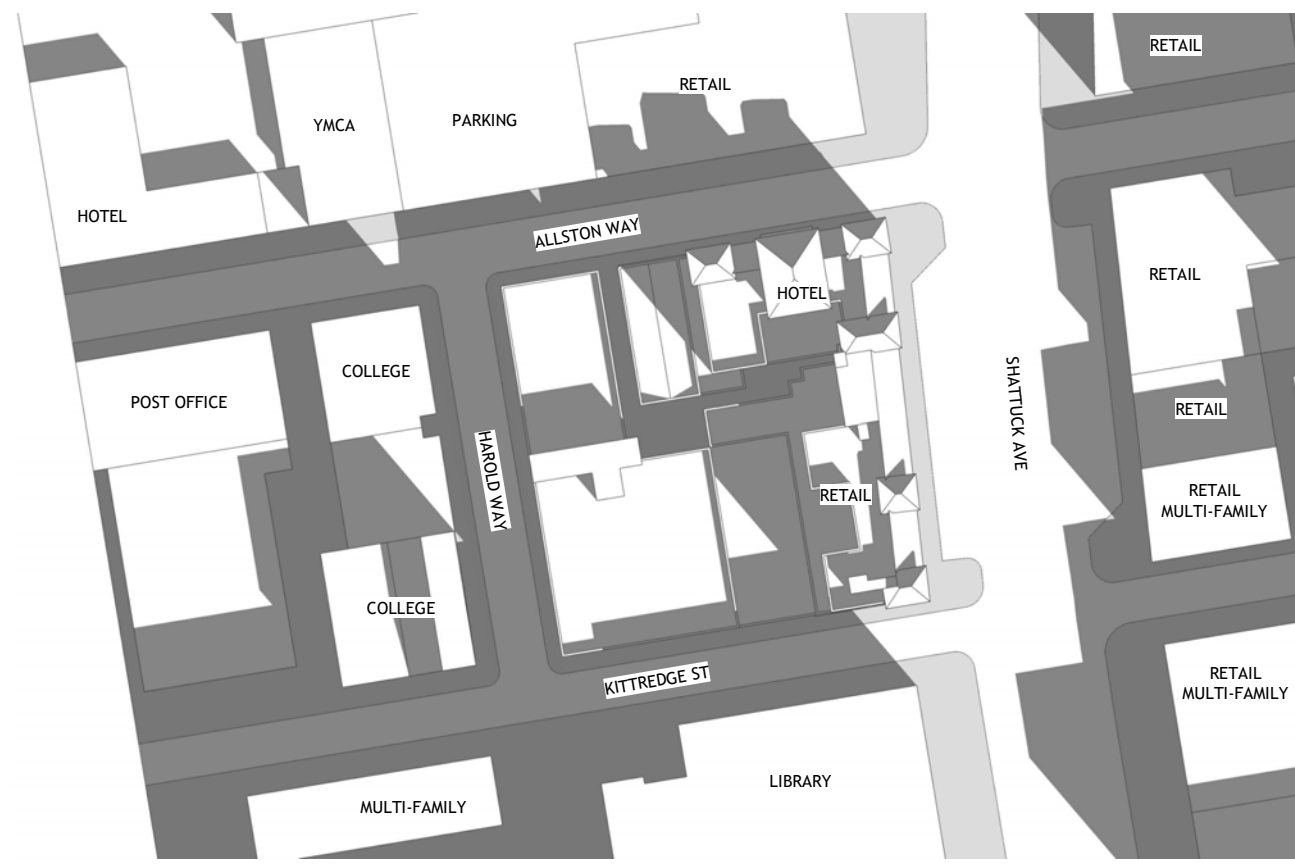
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SHADOW STUDIES - JUNE 21

SHEET NUMBER:
A3-007

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DECEMBER 10 MORNING

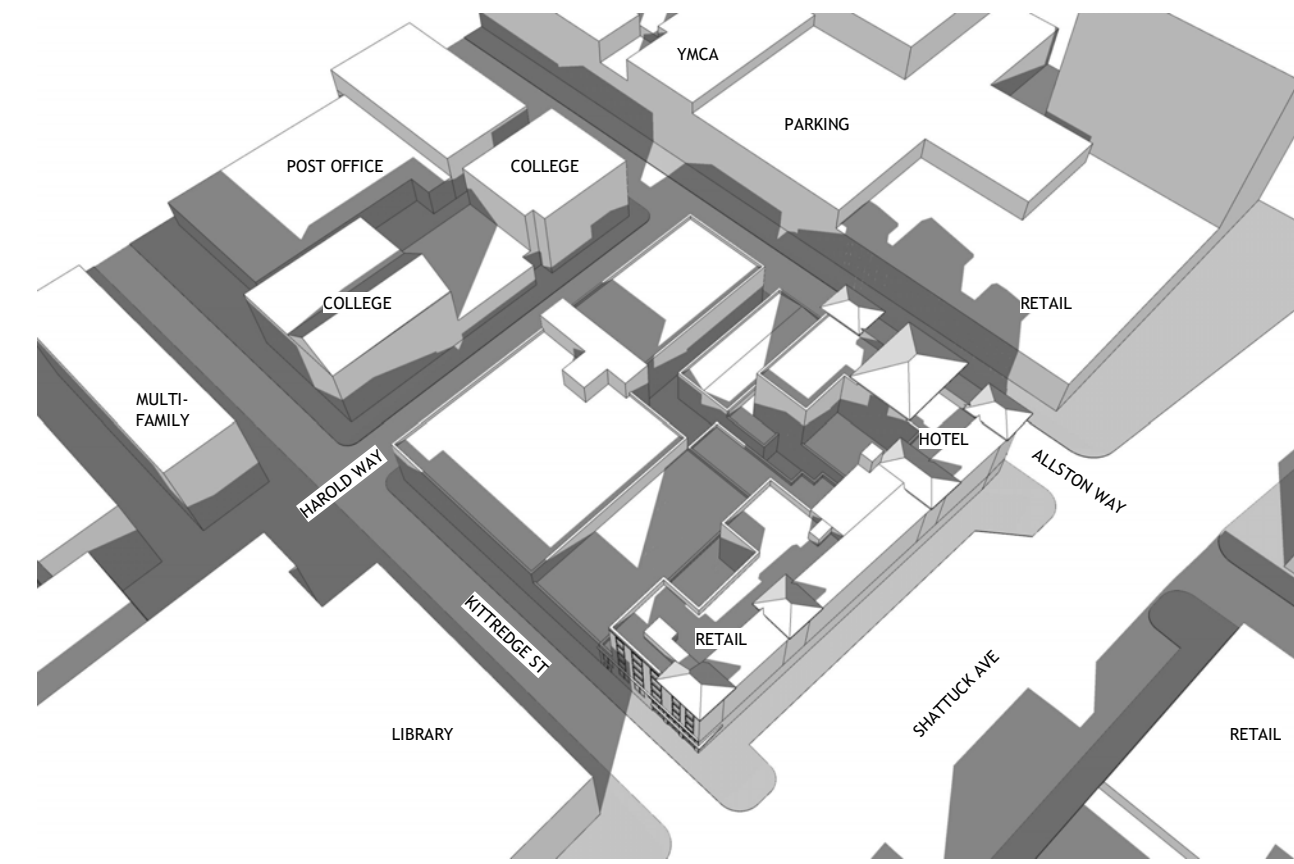
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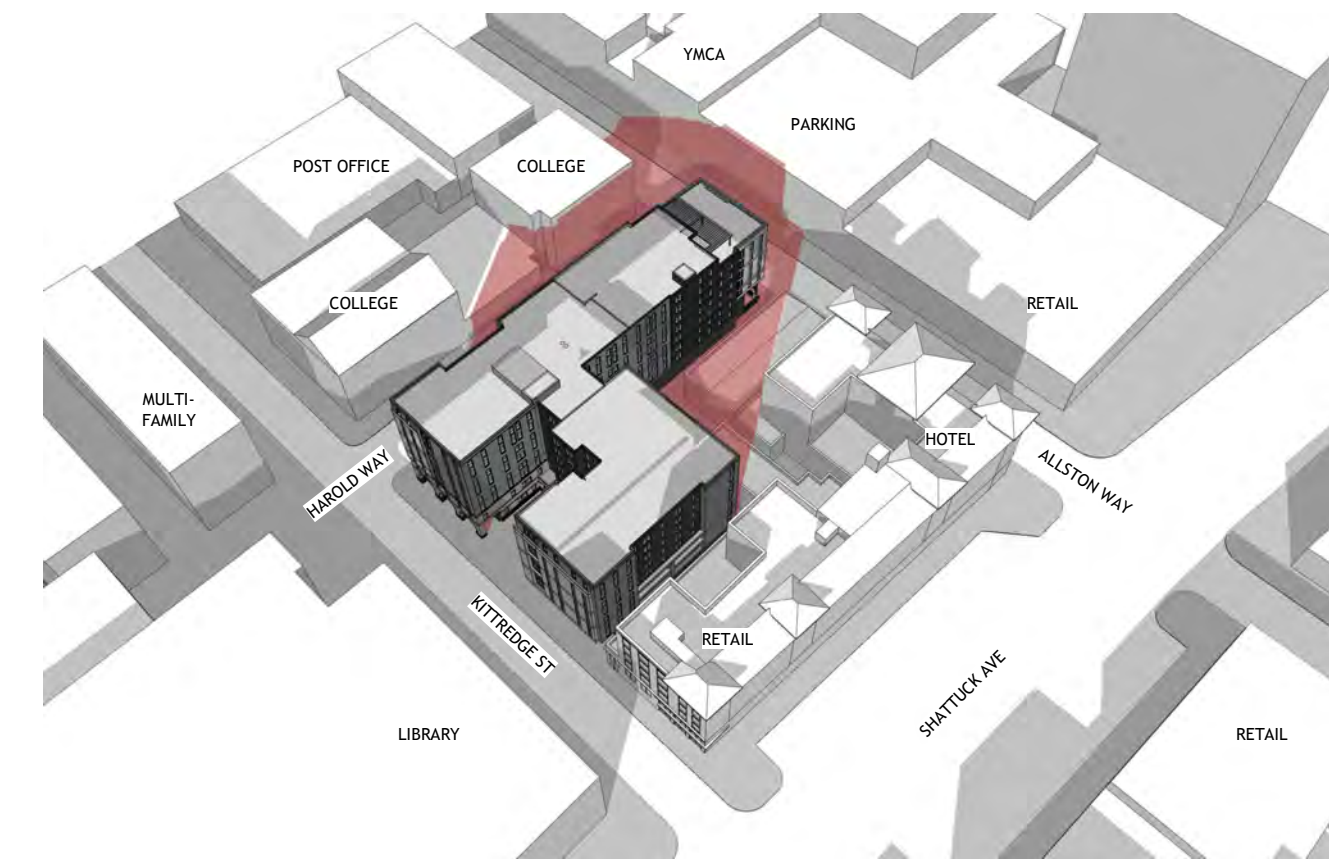
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TOP VIEW PROPOSED

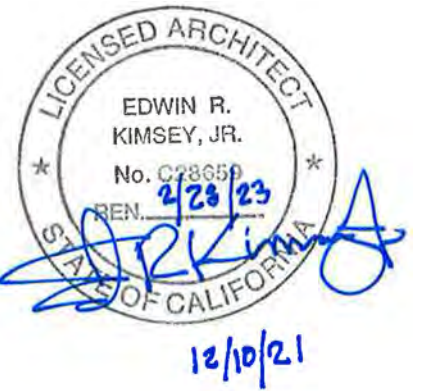


ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

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PROJECT #: 121246
DRAWN BY: Author
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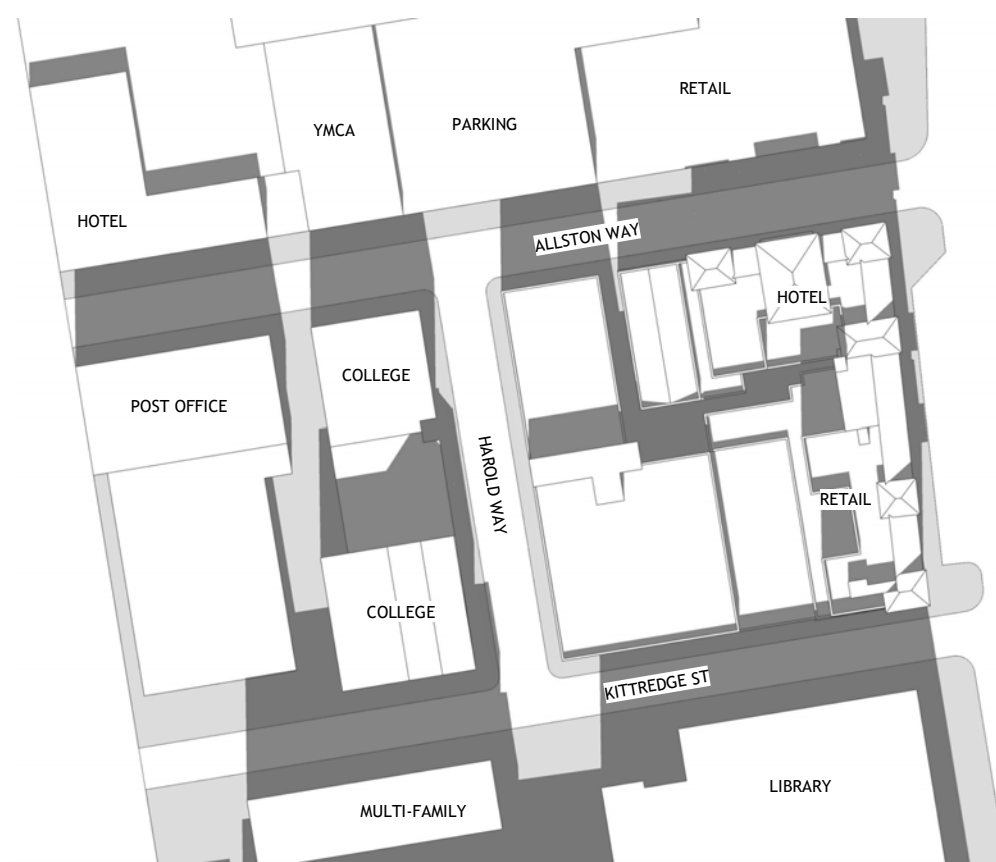
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| 5 | USE PERMIT RESUBMIT. | 12/10/21 |
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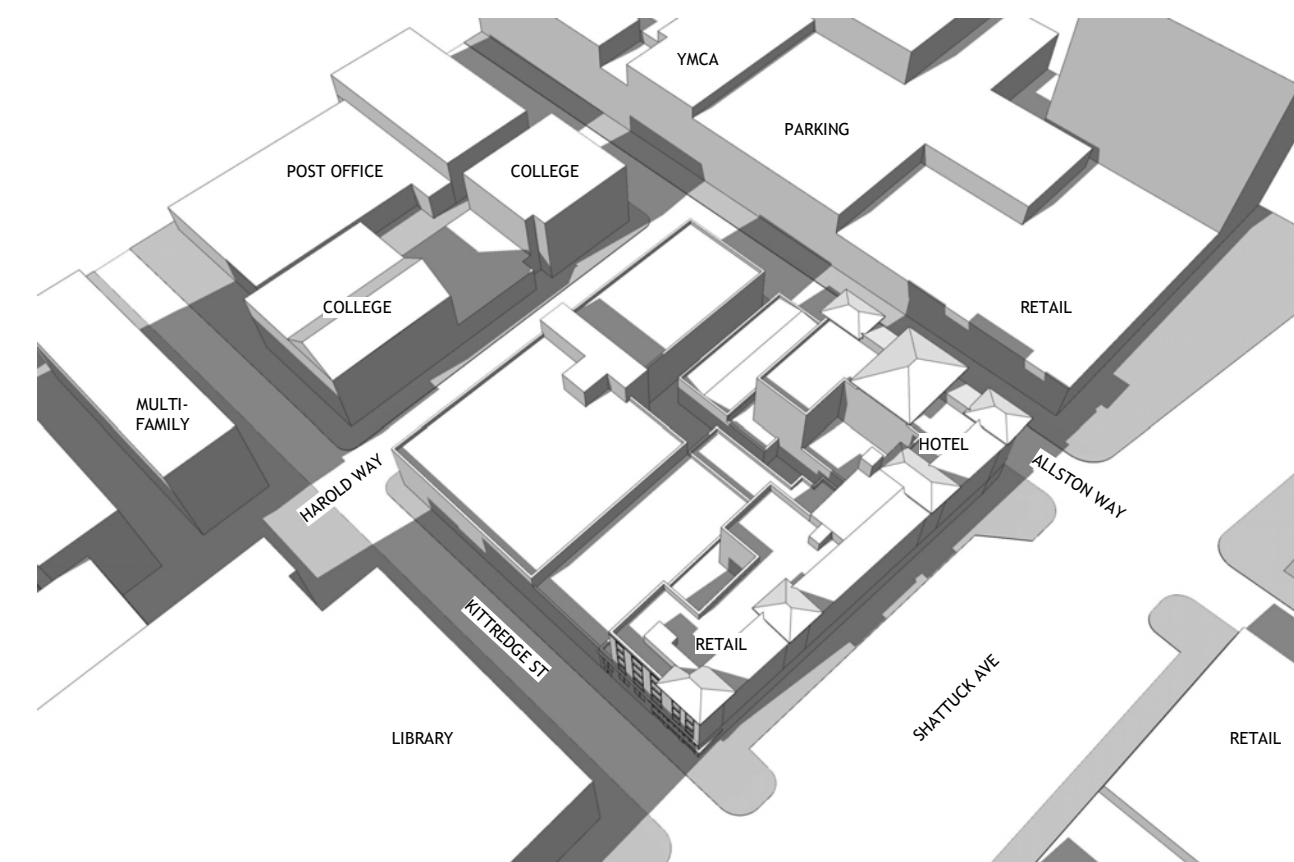
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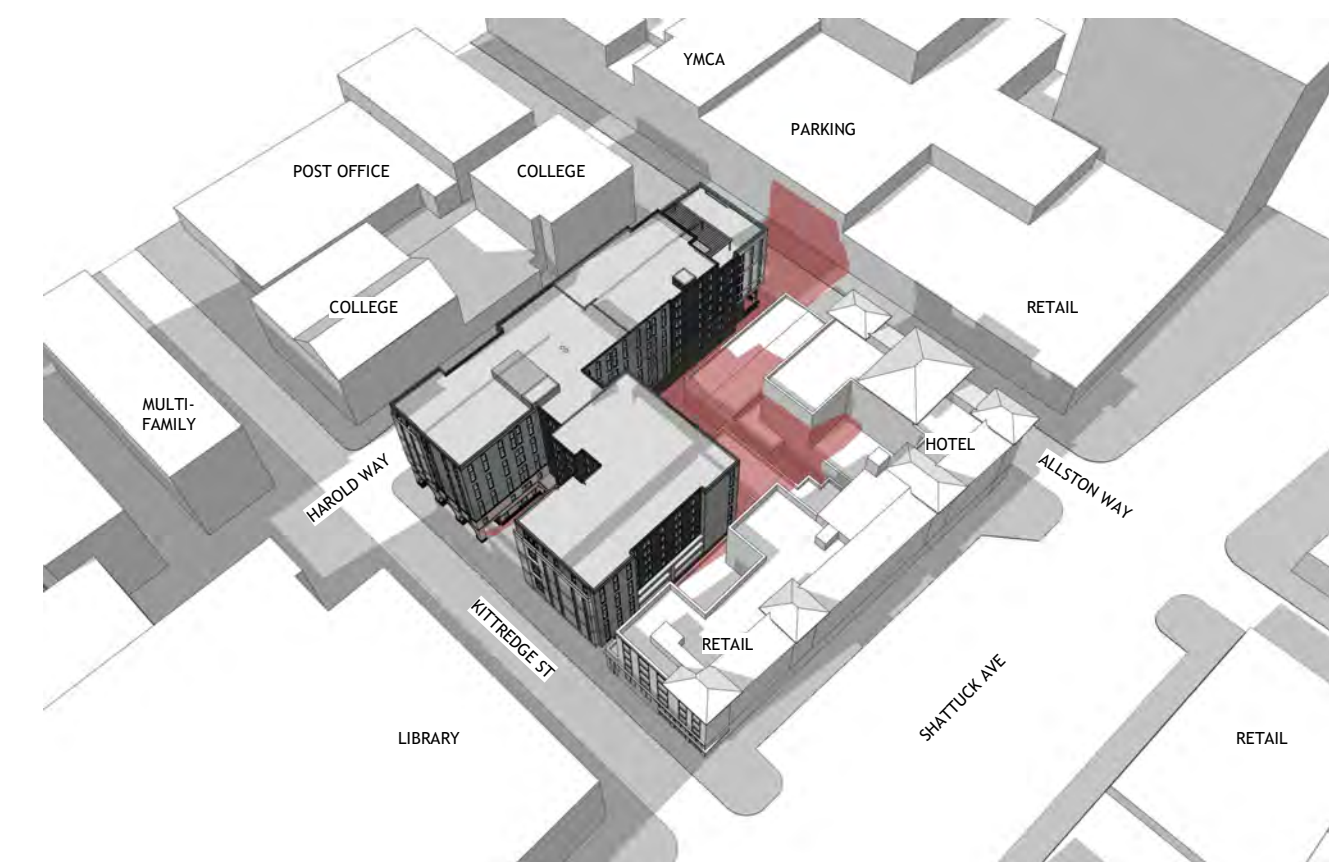
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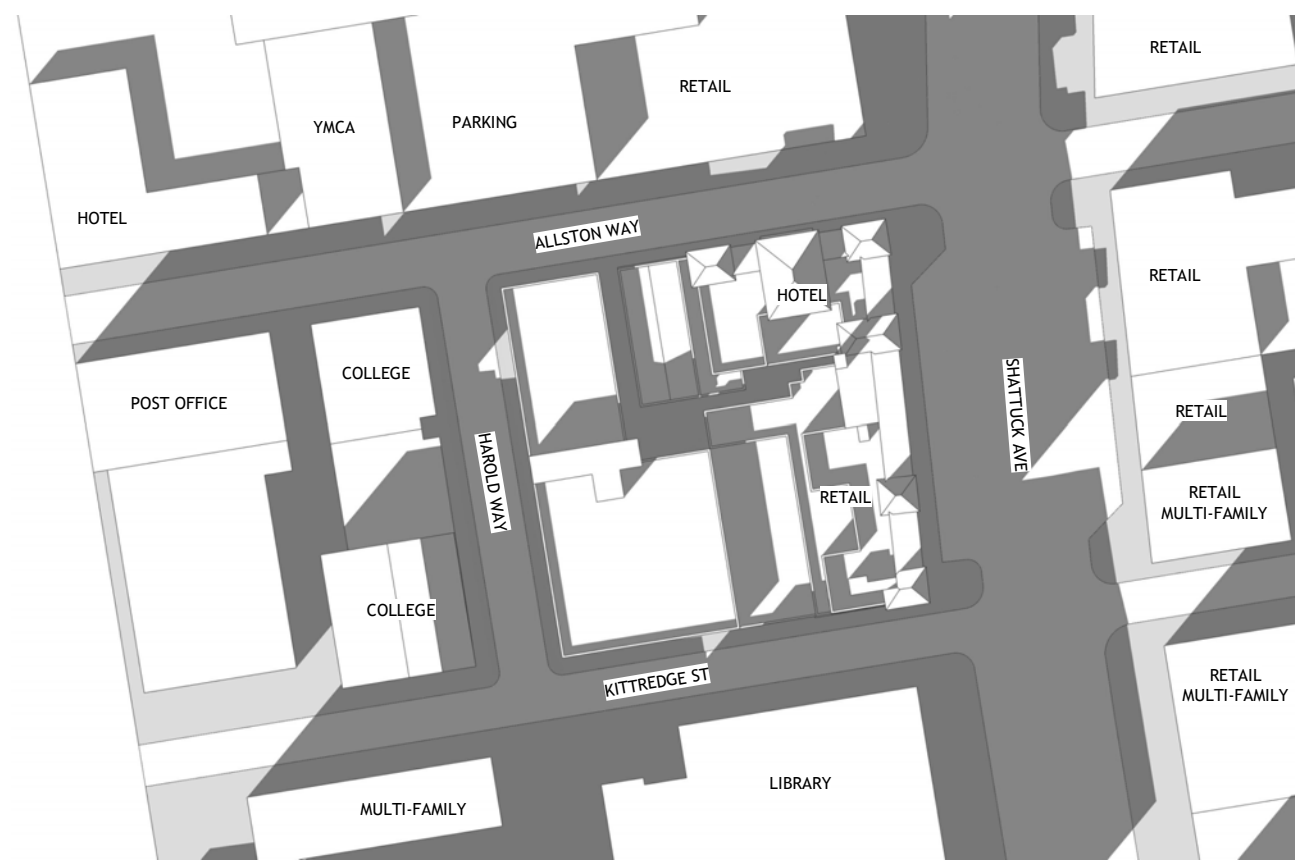
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ANGLE VIEW PROPOSED

DECEMBER 10 EVENING

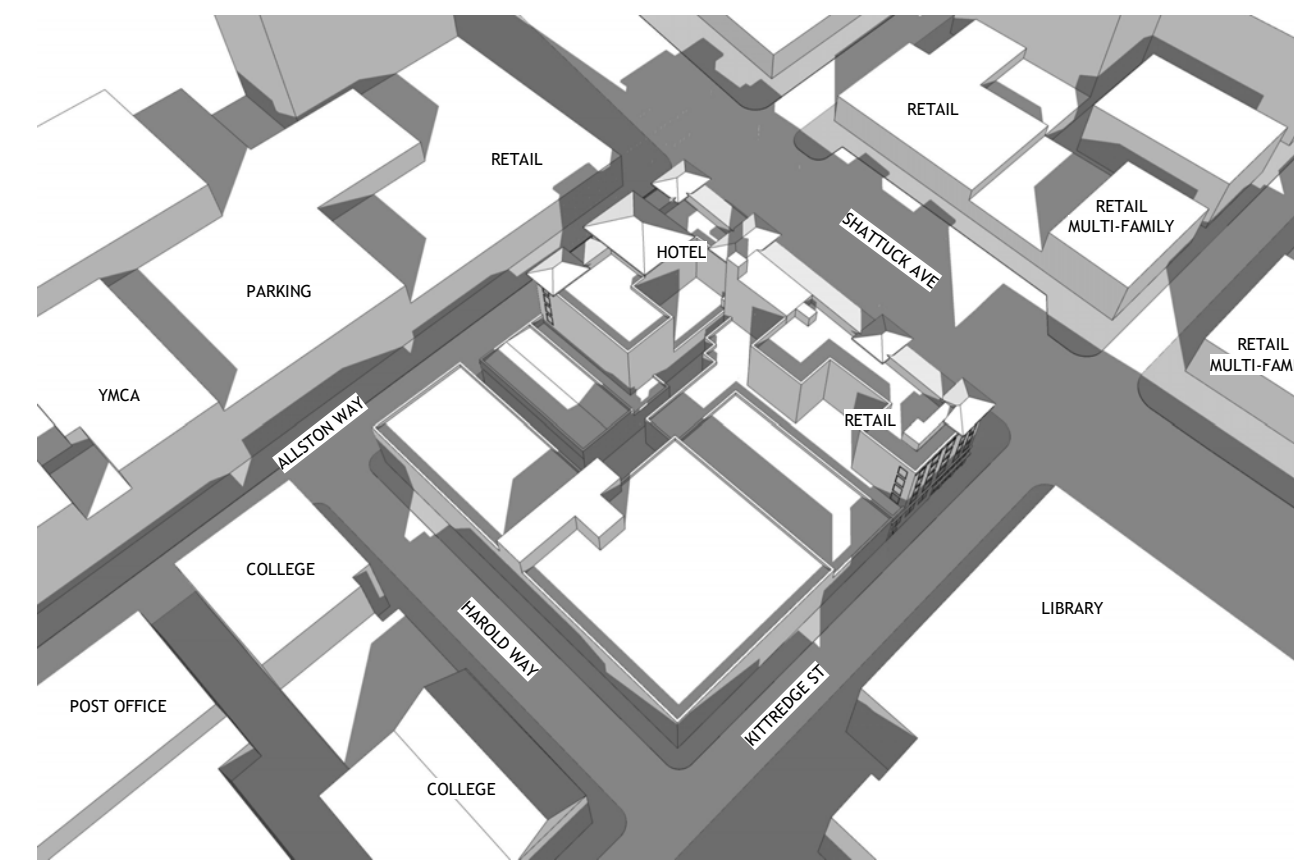
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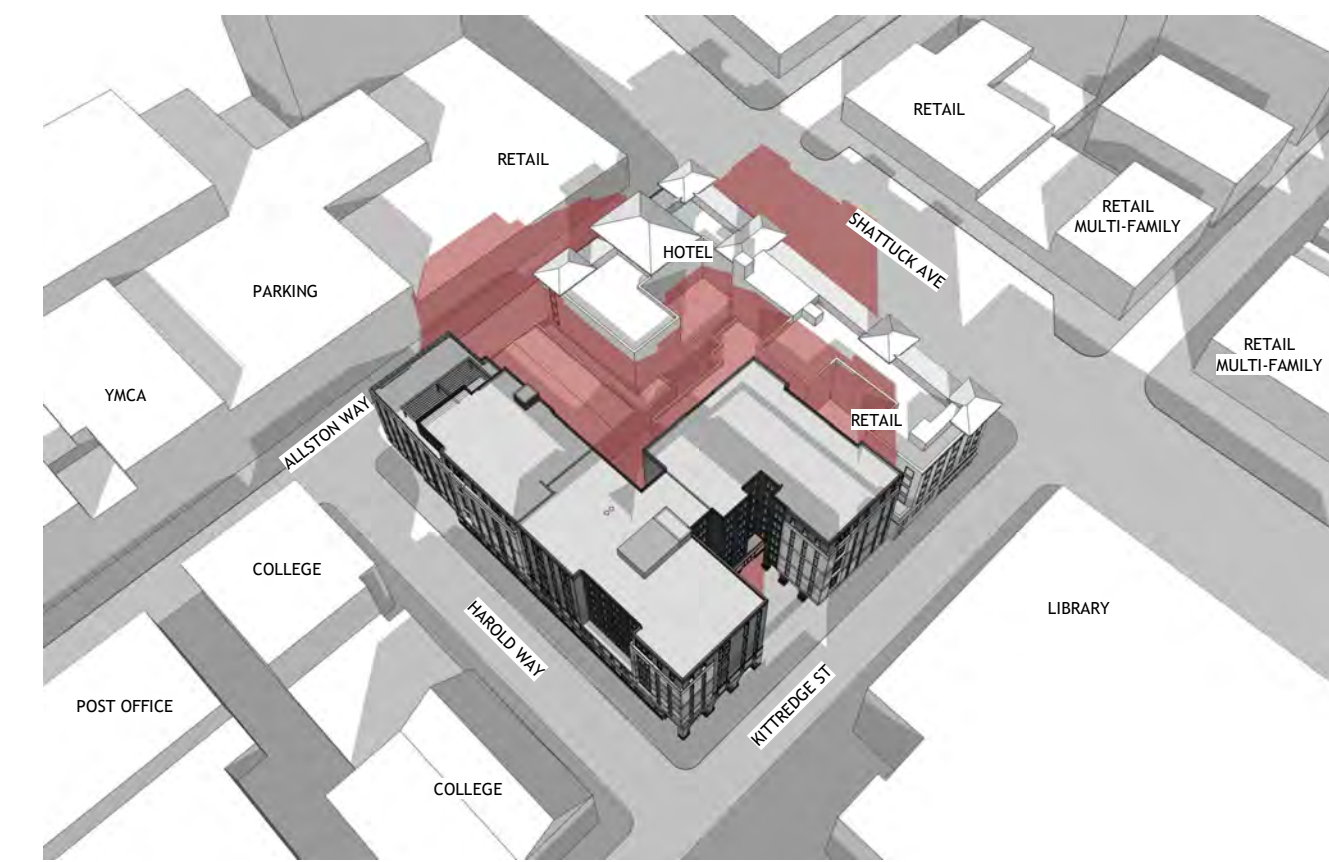
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TOP VIEW PROPOSED



ANGLE VIEW EXISTING



ANGLE VIEW PROPOSED

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-DEC 10**

SHEET NUMBER:
A3-009

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October 22, 2021

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

Re: Berkeley Plaza

Dear Mohamed:

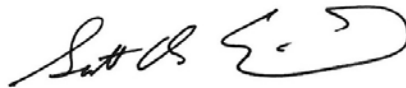
We understand that the City of Berkeley requires a structural feasibility letter indicating that the existing to remain structures for the proposed Berkeley Plaza project have been reviewed for the proposed separation / demolition of adjacently built structures. This letter serves to indicate that DCI 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



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

NEW BUILDING

PROPERTY
LINE

BUILD NEW POSTS
ON TOP OF NEW
BASEMENT WALL TO
SUPPORT REBUILT
EXTENSIONS

HAROLD

SHATTUCK

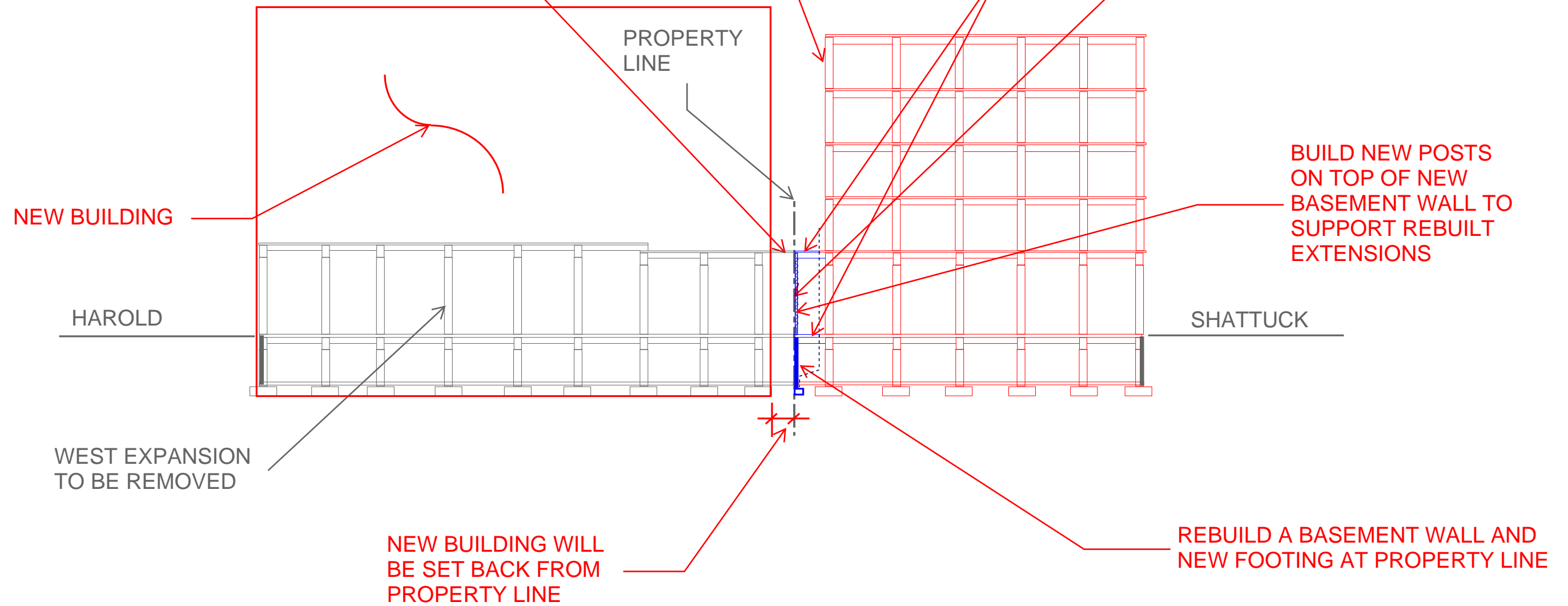
WEST EXPANSION
TO BE REMOVED

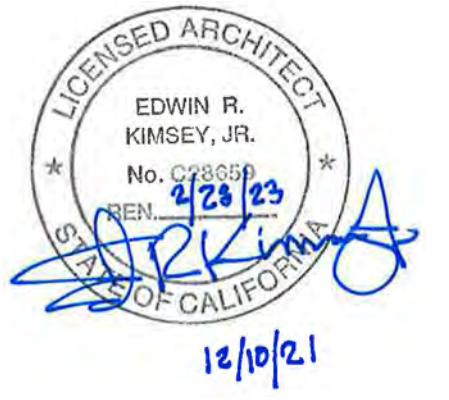
NEW BUILDING WILL
BE SET BACK FROM
PROPERTY LINE

REBUILD A BASEMENT WALL AND
NEW FOOTING AT PROPERTY LINE

VIEW FROM KITTREDGE

Feasibility Study Sketch
DCI
10/22/21





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

NILES BOLTON ASSOCIATES

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| No. | Description | Date |
|-----|----------------------|----------|
| 2 | PRELIM APP 58330 | 7/21/21 |
| 3 | SD SET | 9/16/21 |
| 4 | USE PERMIT | 10/25/21 |
| 5 | USE PERMIT RESUBMIT. | 12/10/21 |

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SHEET TITLE:
PERSPECTIVES

SHEET NUMBER:
A3-006

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1 PERSPECTIVE - ALLSTON WAY AND HAROLD WAY CORNER
A3-006 NOT TO SCALE



2 PERSPECTIVE - SOUTH WEST CORNER AERIAL
A3-006 NOT TO SCALE



3 PERSPECTIVE - HAROLD WAY AND KITTREDGE ST CORNER
A3-006 NOT TO SCALE



4 PERSPECTIVE - KITTREDGE ST PLAZA
A3-006 NOT TO SCALE



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, LLC 130 E Randolph St, #2100, Chicago, IL 60601 |
| Telephone: 304.238.4745 | Email: jleo@ca-ventures.com |

Declaration

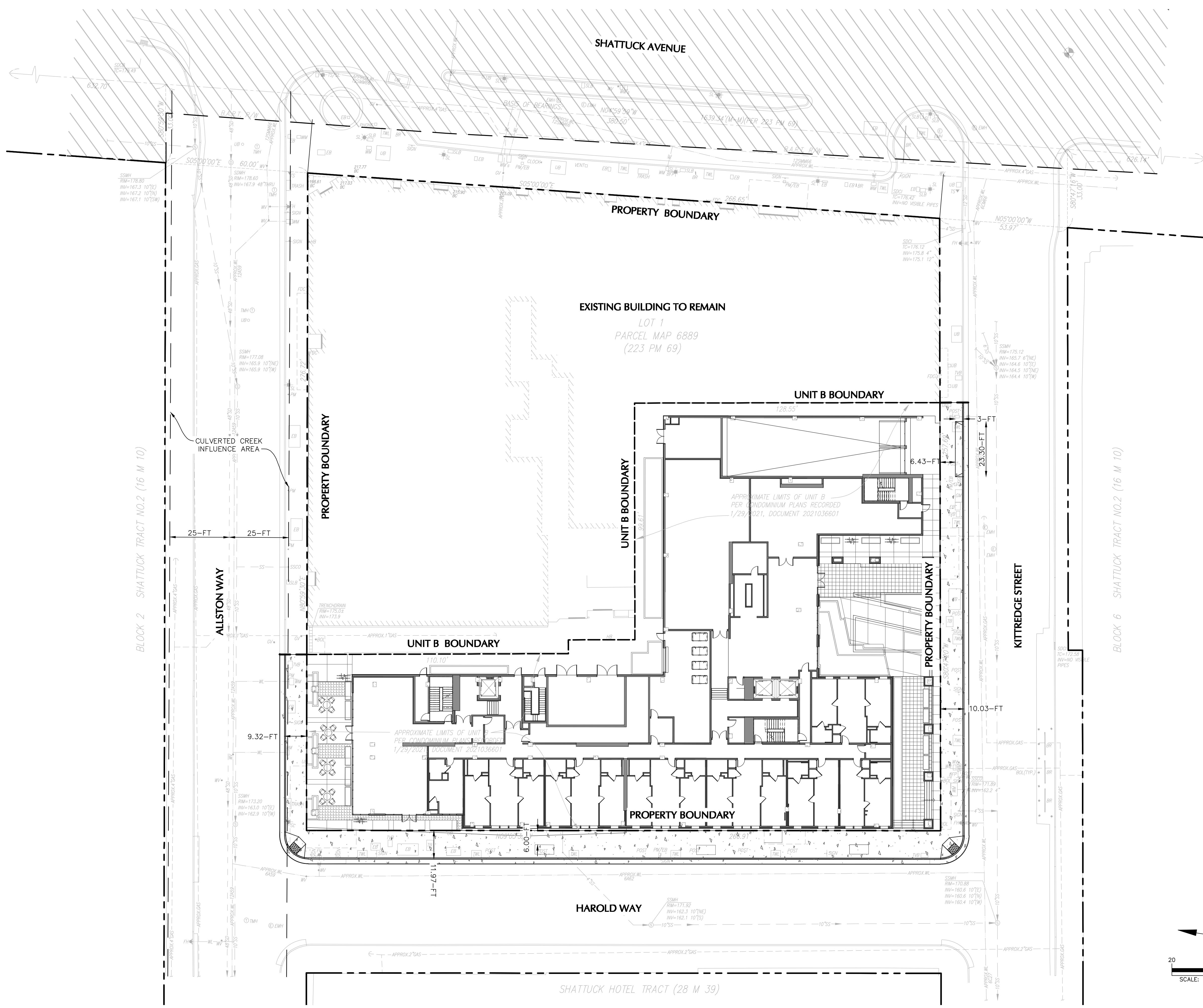
I certify that I am the property owner, authorized agent of the property owner or other person having a legal right, interest, or entitlement to the use of the property that is the subject of this declaration. I declare that I shall comply with the requirements of City of Berkeley Municipal Code Section 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.
- 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)

| | |
|--------------------------------------------------------------------------------------------|------------------------------------|
| <input type="checkbox"/> Apply an in-lieu fee of 0.8% equaling \$_____ | Authorized Signature, Title, Date: |
| <input type="checkbox"/> Approved for Public Art Plan | Authorized Signature, Title, Date: |
| <input type="checkbox"/> Apply Administrative Fee (5%) for On-Site Publicly Accessible Art | Authorized Signature, Title, Date: |



PROJECT #: 731754801
DRAWN BY: NS
CHECKED BY: AKC/JRJ

NILES BOLTON ASSOCIATES
LANGAN
Langan Engineering and Environmental Services, Inc.
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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 | PLAN UPDATE | 6/28/21 |
| 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 |

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BERKELEY, CA 94704
CA VENTURES



SHEET TITLE:
SITE PLAN

SHEET NUMBER:
C1-001

12/10/2021

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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
Title Associate Geologist



Name Richard Makdisi, P.G.
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

- Alameda County Assessor's Office. 2021. Search Property Information for Parcel Nos. 057-2027-6 and 057-2027-07. <http://gis.acgov.org/Html5Viewer/index.html?viewer=parcel_viewer>. (January 18, 2021.)
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- Environmental Risk Information Services. 2021. *Database Report*. CA Ventures – 2060 Allston Way, Berkeley CA 94704. January 15.
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- . 2021. *Historical Aerial Report*. CA Ventures – 2060 Allston Way, Berkeley CA 94704. January 19.
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Farallon Consulting, L.L.C. 2020. Letter Regarding Proposal for Phase I Environmental Site Assessment, Allston Way Development, 2060 Allston Way, Berkeley, California 94610, Farallon PN: 2341-002. From Steve Bitman and Richard Makdisi. To Mac Sellers, CA Ventures, LLC. December 29.

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———. 2021. Interview Regarding Permits for Building Permits Between a Representative of Farallon and a Representative of the City of Berkeley Building and Safety. January 19.

———. 2021. Inquiry Regarding Notices of Violations and Hazardous Spills from a Representative of Farallon to a Representative of City of Berkeley Fire Department. January 20.

———. 2021. Interview Regarding Permits for Aboveground and Underground Storage Tanks, Notices of Violations, and Hazardous Spills Between a Representative of Farallon and a Representative of the City of Berkeley Toxics Division. January 21.

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———. 2021. *Phase I ESA User Questionnaire*. Completed by CASL Holdings, LLC. January 29.

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Van Brunt Associates, Inc. 2019. Letter Regarding Hazardous Materials Survey, Shattuck Portfolio, Berkeley, CA. From Michael W. Van Brunt. To Andrew Canniff. September 3.

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

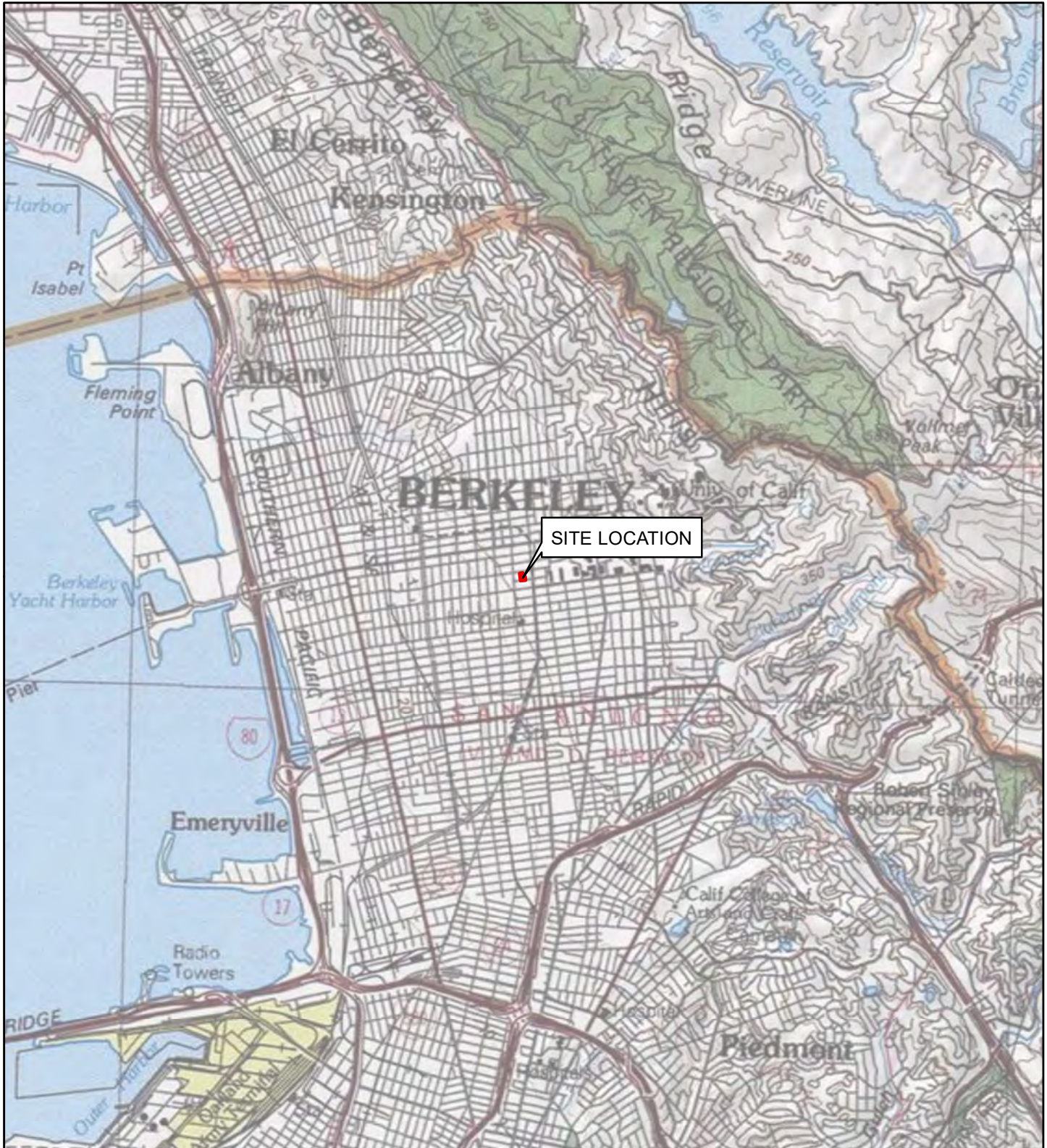
Reliance by third parties is prohibited. This report/assessment has been prepared for the exclusive use of CA Ventures, LLC to address the unique needs of CA Ventures, LLC at the Site at a specific point in time.

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.

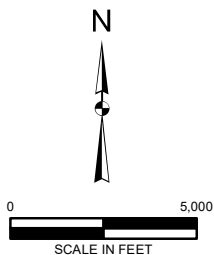
FIGURES

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



FARALLON
CONSULTING

Quality Service for Environmental Solutions | farallonconsulting.com

Washington
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: vpehivan

Checked By: BF

Date: 1/28/2021

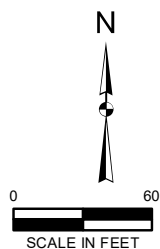
Disc Reference:

Q:\Projects\2341 CA Ventures\002 Allston Way Development\Mapfiles\001 Phase-I\Figure-01_SiteVicinityMap.mxd



LEGEND

- SITE BOUNDARY
- ALAMEDA COUNTY PARCEL BOUNDARY



NOTES:

1. ALL LOCATIONS ARE APPROXIMATE.
2. FIGURES WERE PRODUCED IN COLOR. GRAYSCALE COPIES MAY NOT REPRODUCE ALL ORIGINAL INFORMATION.



Washington
Issaquah | Bellingham | Seattle

Oregon
Portland | Baker City

California
Oakland | Folsom | Irvine

Quality Service for Environmental Solutions | farallonconsulting.com

FIGURE 2
SITE PLAN
2060 ALLSTON WAY
BERKELEY, CALIFORNIA

FARALLON PN: 2341-002

Drawn By: vpehivan

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



BRANDON FLICKINGER, P.G., CHG MS Geology
Associate Geologist 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. MS Geochemistry
Principal Geochemist 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



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:** Eastern 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.



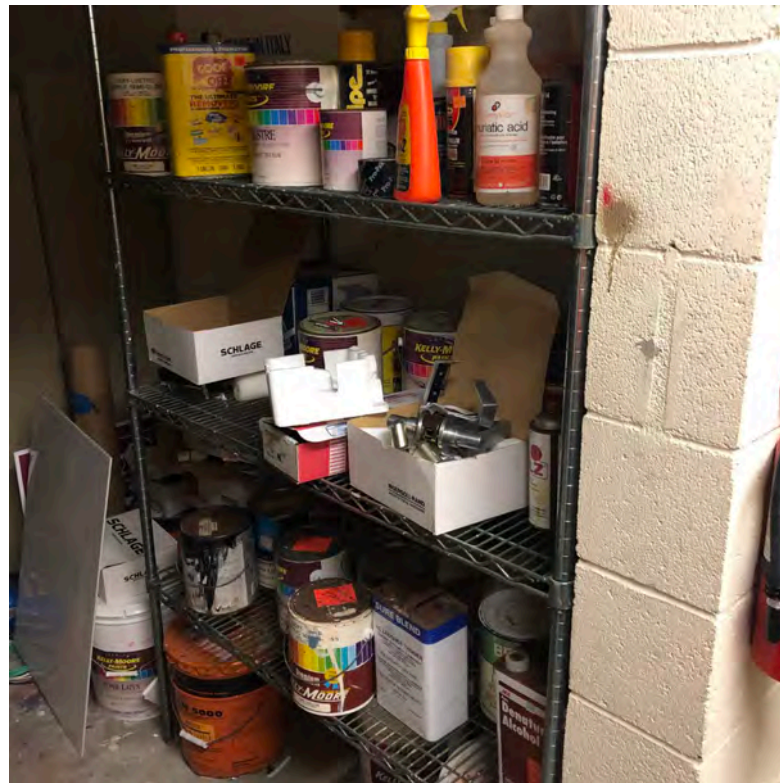
Photograph 5: Hotel Shattuck, looking southwest.



Photograph 6: Public parking garage, looking northwest.



Photograph 7: Empty drum and anti-corrosion agent without secondary containment.



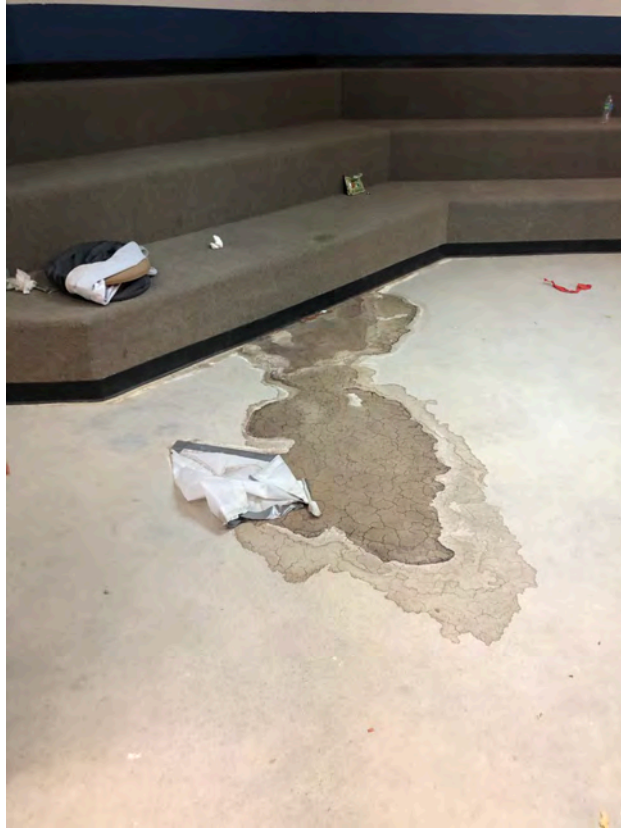
Photograph 8: Janitorial closet chemicals and supplies.



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: | | | |
| <input type="checkbox"/> Sale | <input checked="" type="checkbox"/> Purchase | <input type="checkbox"/> Exchange | <input type="checkbox"/> Other |
| Comments: | | | |

■ PROPERTY USE & SPECIFICATIONS

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Single-Family Residential | <input type="checkbox"/> Vacant or Undeveloped Land |
| <input type="checkbox"/> Multi-Family Residential #Units: | <input type="checkbox"/> Agricultural (<i>Specify type</i>): |
| <input type="checkbox"/> Commercial Office | <input type="checkbox"/> Industrial (<i>Specify type</i>): |
| <input checked="" type="checkbox"/> Commercial Retail | <input type="checkbox"/> Other (<i>Specify type</i>): |
| Provide a general Site description: | |
| Believe it is currently vacant retail space adjacent to the Shattuck Hotel. | |
| Legal description/plat plan/boundary survey available? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Already provided | |
| Current Property Status: <input checked="" type="checkbox"/> Vacant <input type="checkbox"/> Occupied <input type="checkbox"/> Improved <input type="checkbox"/> Unimproved | |
| Total Property Size: Approx. .95 Acres | Original Construction Date: Unknown |
| Total # of Buildings: Unknown | Was Construction Phased? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Are any bodies of water on or immediately adjacent to the Site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, describe: Comments: | |
| Potable water source at Site? <input type="checkbox"/> On-Site well <input checked="" type="checkbox"/> Utility (<i>Specify provider</i>) Unknown | |
| Wastewater discharge at Site? <input type="checkbox"/> Septic Tank/Drainfield <input checked="" type="checkbox"/> Sanitary Sewer <input type="checkbox"/> Other (<i>Specify</i>): | |
| Building plans available at the Site? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> 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 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Underground Storage Tank | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Hazardous/Toxic Substance | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Stored Chemical | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Chemical Spill/Release | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Dump Area/Landfill | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Waste Treatment System | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Wastewater Discharge | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Air Stack/Vent/Odor | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Indoor Air Quality Complaint | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |

| | |
|--------------------------------|---------------------------------------------------------------------|
| Floor Drain/Sump | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Pit, Pond, Lagoon | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Stained Soil/Vegetation Impact | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Polychlorinated Biphenyls | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Electrical Transformer | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Hydraulic Lift | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Elevator | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Drycleaner Business | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Asbestos | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Lead Paint | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Lead Piping/Lead in Water | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Elevated Radon Level | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Fluorescent Light Fixture | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Wetland, Flooding | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Unique Wildlife Species | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Archeological Resource | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Historic/National Landmark | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Oil/Gas Well | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Water Well | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Environmental Cleanup | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| Environmental Permit | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: Contact Santiago Rodriguez for
coordination with site contact.
Name of 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

ERIS
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
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Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as database review of environmental records.

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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 | <i>Historical Aerials (Boundaries)</i> |
| City Directory Search | <i>Smart CD Search</i> |
| ERIS Xplorer | ERIS Xplorer |
| Excel Add-On | <i>Excel Add-On</i> |
| Fire Insurance Maps | <i>US Fire Insurance Maps</i> |
| Physical Setting Report (PSR) | <i>Physical Setting Report (PSR)</i> |
| Topographic Map | <i>Topographic Maps</i> |

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 ENV5 | 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

| <i>Map Key</i> | <i>DB</i> | <i>Company/Site Name</i> | <i>Address</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev Diff (ft)</i> | <i>Page Number</i> |
|--------------------|-----------|--------------------------|----------------|------------------|-----------------------------|---------------------------|------------------------|
|--------------------|-----------|--------------------------|----------------|------------------|-----------------------------|---------------------------|------------------------|

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 <i>EPA Handler ID: CAC003038554</i> | 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 <i>EPA Handler ID: CAR000258913</i> | 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 <i>EPA Handler ID: CAR000016931</i> | 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 <i>EPA Handler ID: CAD981572720</i> | 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 <i>Site ID: 390041</i> | 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 |

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| 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 <i>EPA Handler ID: CAL000309228</i> | 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 <i>EPA Handler ID: CAC003055420</i> | NE | 0.07 / 361.42 | 5 | 161 |
| 27 | RCRA NON GEN | FIRST SHATTUCK LLC | 2150 SHATTUCK AVE B100 BERKELEY CA 94704 <i>EPA Handler ID: CAC003055813</i> | 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 |
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| 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 <i>EPA Handler ID: CAL000015940</i> | NNE | 0.08 / 400.09 | 5 | 178 |
| 34 | RCRA SQG | BERKELEY CENTRAL DUP CITY OF | 2180 MILIVIA ST BERKELEY CA 94704 <i>EPA Handler ID: CAD983652280</i> | 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 |

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| | | | <i>EPA Handler ID:</i> CAC003059399 | | | | | |
| 35 | RCRA NON GEN | 2105 BANCROFT FEE OWNER CA, LLC | 2105 BANCROFT WAY BERKELEY CA 94720 | SE | 0.08 / 415.56 | 2 | 186 | |
| | | | <i>EPA Handler ID:</i> CAC002972058 | | | | | |
| 35 | RCRA NON GEN | 2105 BANCROFT FEE OWNER CA, LLC | 2105 BANCROFT WAY BERKELEY CA 94720 | SE | 0.08 / 415.56 | 2 | 187 | |
| | | | <i>EPA Handler ID:</i> 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 | |
| | | | <i>Global ID Status Status Date:</i> 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 | |
| | | | <i>EPA Handler ID:</i> 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 | |
| | | | <i>EPA Handler ID:</i> CAP000201947 | | | | | |
| 41 | RCRA NON GEN | UNIVERSITY OF CALIFORNIA BERKELEY, BANWAY BUILDING | 2111 BANCROFT WAY BERKELEY CA 94720 | ESE | 0.09 / 494.06 | 7 | 194 | |
| | | | <i>EPA Handler ID:</i> CAC003077441 | | | | | |
| 42 | RCRA LQG | CVS PHARMACY # 3026 | 2300 SHATTUCK AVE BERKELEY CA 94704 | SSE | 0.10 / 515.05 | -1 | 196 | |
| | | | <i>EPA Handler ID:</i> CAR000120881 | | | | | |
| 42 | BERKELEY CUPA | CVS Pharmacy #3026 | 2300 Shattuck Ave CA | SSE | 0.10 / 515.05 | -1 | 203 | |

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| 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 |
| | | | <i>EPA Handler ID:</i> CAC003039156 | | | | |
| 43 | RCRA NON GEN | BOLLIBOKKA SHATTUCK, LLC | 2140 SHATTUCK AVE BERKELEY CA 94704-1210 | NNE | 0.10 / 520.68 | 6 | 211 |
| | | | <i>EPA Handler ID:</i> CAC003066151 | | | | |
| 44 | LUST | PACIFIC BELL | 2116 BANCROFT WY BERKELEY CA 94704 | SE | 0.10 / 538.35 | 5 | 212 |
| | | | <i>Global ID Status Status Date:</i> 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 |
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| 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 <i>Facility ID: 219</i> | 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 <i>Site ID: 434129</i> | SE | 0.10 / 538.35 | 5 | 222 |
| 44 | RCRA LQG | PACIFIC BELL | 2116 BANCROFT WAY BERKELEY CA 94704 <i>EPA Handler ID: CAD054391776</i> | SE | 0.10 / 538.35 | 5 | 228 |
| 45 | LUST | BERKELEY TOUCHLESS | 2176 KITTREDGE STREET BERKELEY CA 94704 <i>Global ID Status Status Date: T10000004535 OPEN - SITE ASSESSMENT 1/9/2013</i> | 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 <i>Site ID: 11847</i> | 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 |
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| 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 <i>EPA Handler ID: CAC002988018</i> | NNE | 0.11 / 585.47 | 3 | 258 |
| 49 | RCRA NON GEN | BERKELEY DOWNTOWN HOTEL LLC | 2129 SHATTUCK AVENUE BERKELEY CA 94704 <i>EPA Handler ID: CAC002969357</i> | NNE | 0.11 / 585.47 | 3 | 260 |
| 49 | RCRA NON GEN | BERKELEY DOWNTOWN HOTEL OWNER LLC | 2129 SHATTUCK AVE BERKELEY CA 94704 <i>EPA Handler ID: CAP000289678</i> | NNE | 0.11 / 585.47 | 3 | 261 |
| 49 | RCRA NON GEN | BERKELEY DOWNTOWN HOTEL OWNER LLC | 2129 SHATTUCK AVE BERKELEY CA 94704 <i>EPA Handler ID: CAC002996915</i> | 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 |

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| 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 <i>EPA Handler ID: CAC002997113</i> | WNW | 0.12 / 638.86 | -16 | 267 |
| 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 <i>EPA Handler ID: CAD027915206</i> | S | 0.13 / 673.42 | -9 | 278 |
| 56 | RCRA SQG | AUTOMOTIVE UNLIMITED | 2020 ADDISON ST BERKELEY CA 94704 <i>EPA Handler ID: CAD981572787</i> | NNW | 0.13 / 675.01 | -6 | 280 |
| 56 | LUST | AUTOMOTIVE UNLIMITED | 2020 ADDISON ST BERKELEY CA 94704 <i>Global ID Status Status Date: T0600100130 COMPLETED - CASE CLOSED 9/29/1994</i> | NNW | 0.13 / 675.01 | -6 | 281 |
| 57 | RCRA SQG | STADIUM BODY SHOP | 2026 ADDISON ST BERKELEY CA 94704 | NNW | 0.13 / 675.08 | -5 | 284 |

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| | | | <i>EPA Handler ID:</i> 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 | |
| | | | <i>Global ID Status Status Date:</i> 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 | |
| | | | <i>EPA Handler ID:</i> CAC003018572 | | | | | |
| 60 | RCRA NON GEN | 2025 DURANT AVENUE, LLC | 2025 DURANT AVENUE BERKELEY CA 94704 | S | 0.13 / 681.67 | -14 | 290 | |
| | | | <i>EPA Handler ID:</i> 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 | |
| | | | <i>Global ID Status Status Date:</i> 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 | |
| | | | <i>EPA Handler ID:</i> CAL000382178 | | | | | |
| 65 | ALT FUELS | CITYOFBERKELEY | 2010 Addison St Berkeley CA 94704 | NNW | 0.13 / 698.11 | -8 | 295 | |

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| 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 <i>EPA Handler ID:</i> CAC002991290 | S | 0.13 / 698.97 | -13 | 296 |
| 66 | RCRA TSD | VARSITY APARTMENTS | 2024 DURANT AVE BERKELEY CA 94704 <i>EPA Handler ID:</i> CAC003013509 | S | 0.13 / 698.97 | -13 | 297 |
| 66 | RCRA NON GEN | VARSITY APARTMENTS | 2024 DURANT AVE BERKELEY CA 94704 <i>EPA Handler ID:</i> CAC003013509 | S | 0.13 / 698.97 | -13 | 298 |
| 66 | RCRA NON GEN | VARSITY APARTMENTS | 2024 DURANT AVE BERKELEY CA 94704 <i>EPA Handler ID:</i> CAC003063031 | S | 0.13 / 698.97 | -13 | 299 |
| 67 | CLEANUP SITES | 2009 TO 2015 ADDISON STREET | 2009 ADDISON STREET BERKELEY CA 94704 <i>Site Facility Type Status:</i> 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 <i>EPA Handler ID:</i> CAC002989026 | SSW | 0.14 / 719.02 | -16 | 303 |
| 69 | LUST | BERKELEY GLASS | 2011 ADDISON ST BERKELEY CA 94704 <i>Global ID Status Status Date:</i> 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 <i>EPA Handler ID:</i> 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 |

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| | | | <i>EPA Handler ID:</i> CAD982478802 | | | | |
| 73 | RCRA NON GEN | BERKELEY UNIFIED SCHOOL DISTRICT | 1930 ALLSTON WAY BERKELEY CA 94704 | W | 0.15 / 776.00 | -22 | 313 |
| | | | <i>EPA Handler ID:</i> CAC003067887 | | | | |
| 73 | RCRA NON GEN | BERKELEY UNIFIED SCHOOL DISTRICT | 1930 ALLSTON WAY BERKELEY CA 94704 | W | 0.15 / 776.00 | -22 | 314 |
| | | | <i>EPA Handler ID:</i> 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 |
| | | | <i>EPA Handler ID:</i> CAL000091508 | | | | |
| 76 | RCRA SQG | BERKELEY LINCOLN MERCURY SALES INC | 2352 SHATTUCK AVE BERKELEY CA 94704 | SSE | 0.15 / 790.60 | -3 | 317 |
| | | | <i>EPA Handler ID:</i> CAD981446693 | | | | |
| 76 | LUST | BERKELEY LINCOLN MERCURY | 2352 SHATTUCK AVE BERKELEY CA 94704 | SSE | 0.15 / 790.60 | -3 | 318 |
| | | | <i>Global ID Status Status Date:</i> 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 |
| | | | <i>EPA Handler ID:</i> CAL000390688 | | | | |
| 76 | RCRA NON GEN | CA-AG LOGAN PARK, LLC | 2352 SHATTUCK AVENUE BERKELEY CA 94704 | SSE | 0.15 / 790.60 | -3 | 326 |
| | | | <i>EPA Handler ID:</i> 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 |

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| | | | | | | | | |
| | | | <i>EPA Handler ID:</i> CAC003048022 | | | | | |
| 77 | LUST | JACKSON PROPERTY | 2131 DURANT AVE BERKELEY CA 94704 | SE | 0.15 / 808.14 | 7 | 328 | |
| | | | <i>Global ID Status Status Date:</i> 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 | |
| | | | <i>EPA Handler ID:</i> CA1122390031 | | | | | |
| 81 | LUST | STEAD BUILDING | 1960 ADDISON ST BERKELEY CA 94704 | NW | 0.16 / 847.55 | -13 | 333 | |
| | | | <i>Global ID Status Status Date:</i> 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 | |
| | | | <i>EPA Handler ID:</i> CAD982003188 | | | | | |
| 82 | LUST | GOSS ROSS DOYLE TRUST | 2140 DURANT AVE BERKELEY CA 94709 | SE | 0.16 / 856.15 | 9 | 336 | |
| | | | <i>Global ID Status Status Date:</i> 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 | |
| | | | <i>EPA Handler ID:</i> 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 | |
| | | | <i>EPA Handler ID:</i> 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 |
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| 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 |
| <i>Global ID Status Status Date:</i> 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 |
| <i>Global ID Status Status Date:</i> 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 |
| <i>EPA Handler ID:</i> 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 |
| <i>EPA Handler ID:</i> 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 |
| <i>EPA Handler ID:</i> CAC002987137 | | | | | | | |
| 95 | LUST | GLM REAL ESTATE SERVICES | 2029 CHANNING WY BERKELEY CA 94704 | S | 0.19 / 1,006.50 | -12 | 360 |
| <i>Global ID Status Status Date:</i> 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 |

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| 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 <i>EPA Handler ID:</i> CAL000279428 | W | 0.19 / 1,022.29 | -27 | 364 |
| 99 | LUST | UC BERKELEY CORP YARD | 2000 MILVIA ST BERKELEY CA 94720 <i>Global ID Status Status Date:</i> 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 <i>Site ID:</i> 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 <i>EPA Handler ID:</i> 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 |

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| 102 | CERS TANK | TOYOTA OF BERKELEY | 2400 SHATTUCK AVE BERKELEY CA 94710 <i>Site ID: 162977</i> | 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 <i>EPA Handler ID: CAD981442767</i> | SSE | 0.20 / 1,071.59 | -5 | 383 |
| 103 | LUST | SHELL | 2200 DURANT AVE BERKELEY CA 94704 <i>Global ID Status Status Date: T0600101238 COMPLETED - CASE CLOSED 3/28/2013</i> | 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 <i>Site ID: 102763</i> | 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 <i>EPA Handler ID: CAL000275725</i> | 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 <i>Global ID Status Status Date: T0600100238 COMPLETED - CASE CLOSED 1/30/1997</i> | WNW | 0.21 / 1,085.30 | -19 | 403 |
| 106 | LUST | FIRESTONE | 1974 UNIVERSITY AVE BERKELEY CA 94704 <i>Global ID Status Status Date: T0600101830 COMPLETED - CASE CLOSED 10/17/1995</i> | NW | 0.21 / 1,086.77 | -2 | 409 |

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| 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 <i>EPA Handler ID: CAL000364702</i> | 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 <i>Global ID Status Status Date: T0600101398 COMPLETED - CASE CLOSED 4/4/1994</i> | 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 <i>EPA Handler ID: CAL000380944</i> | 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 |

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| 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 <i>EPA Handler ID: CAP000289280</i> | NNE | 0.23 / 1,194.55 | 15 | 429 |
| 113 | RCRA SQG | MCRF ACHESON LLP | 2123 UNIVERSITY AVE. BERKELEY CA 94704 <i>EPA Handler ID: CAR000295790</i> | 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 <i>EPA Handler ID: CAC002988754</i> | WNW | 0.23 / 1,198.84 | -26 | 431 |
| 115 | RCRA NON GEN | MCREF ACHESON LLC | 2131 UNIVERSITY AVE. BERKELEY CA 94704 <i>EPA Handler ID: CAC002973133</i> | 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 |

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| 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 | N | 0.24 / 1,262.75 | 14 | 438 |
| | | | EPA Handler ID: CAL000381085 | | | | |
| 122 | ENVIROSTOR | UNIVERSITY OF CALIFORNIA, BERKELEY - MAIN CAMPUS | 317 UNIVERSITY HALL, MC 1150 BERKELEY CA 94720 | NE | 0.24 / 1,266.77 | 26 | 439 |
| | | | Estor/EPA ID Cleanup Status: 60001619 INACTIVE - NEEDS EVALUATION AS OF 3/18/2011 | | | | |
| 123 | CLEANUP SITES | VACANT BUILDING/ FRED'S MARKET | 1929 UNIVERSITY AVENUE BERKELEY CA 94704 | NW | 0.24 / 1,275.39 | -7 | 440 |
| | | | Site Facility Type Status: CLEANUP PROGRAM SITE COMPLETED - CASE CLOSED | | | | |
| 124 | RCRA TSD | MODERA ACHESON COMMONS | 2131 UNIVERSITY AVENUE BERKELEY CA 94704 | NNE | 0.24 / 1,277.00 | 16 | 446 |
| | | | EPA Handler ID: CAC003008378 | | | | |
| 124 | RCRA NON GEN | MODERA ACHESON COMMONS | 2131 UNIVERSITY AVENUE BERKELEY CA 94704 | NNE | 0.24 / 1,277.00 | 16 | 447 |
| | | | EPA Handler ID: CAC003008378 | | | | |
| 124 | RCRA NON GEN | HANS THIERING MASONRY | 2131 UNIVERSITY AVE BERKELEY CA 94704 | NNE | 0.24 / 1,277.00 | 16 | 448 |
| | | | EPA Handler ID: CAL000447227 | | | | |
| 124 | RCRA NON GEN | MCREF ACHESON LLC | 2131 UNIVERSITY AVE BERKELEY CA 94704-1077 | NNE | 0.24 / 1,277.00 | 16 | 449 |
| | | | EPA Handler ID: CAC003034624 | | | | |
| 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 | SSE | 0.24 / 1,278.50 | -6 | 450 |
| | | | EPA Handler ID: CAL000381241 | | | | |

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| 126 | RCRA NON GEN | THE GREENLINING INSTITUTE | 1918 UNIVERSITY AVENUE BERKELEY CA 94704 | NW | 0.25 / 1,306.01 | -11 | 451 |
| <i>EPA Handler ID:</i> CAC003054967 | | | | | | | |
| 127 | CLEANUP SITES | BRIDGE HOUSING CORPORATION | 2012 BERKELEY WAY BERKELEY CA 94710 | NNW | 0.25 / 1,335.75 | 16 | 452 |
| <i>Site Facility Type Status:</i> CLEANUP PROGRAM SITE OPEN - SITE ASSESSMENT | | | | | | | |
| 128 | ENVIROSTOR | CALIF UNIVERSITY, LAWRENCE BERKELEY LAB | 1 CYCLOTRON ROAD/ MS75B-101 BERKELEY CA 94720 | NW | 0.26 / 1,358.32 | -12 | 475 |
| <i>Estor/EPA ID Cleanup Status:</i> 71003603 REFER: RCRA AS OF 2/1/1999 | | | | | | | |
| 129 | LUST | FORMER EXXON 7-0200 | 1894 UNIVERSITY AVE BERKELEY CA 94704 | WNW | 0.27 / 1,435.82 | -17 | 476 |
| <i>Global ID Status Status Date:</i> T0600101888 OPEN - REMEDIATION 11/7/2002 | | | | | | | |
| 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 | NNE | 0.29 / 1,544.41 | 32 | 502 |
| <i>Global ID Status Status Date:</i> T0600101407 COMPLETED - CASE CLOSED 9/22/2004 | | | | | | | |
| 132 | LUST | "1950 MLK, LLC" | 1950 MARTIN LUTHER KING JR. WAY BERKELEY CA 94703 | NW | 0.29 / 1,549.34 | -10 | 505 |
| <i>Global ID Status Status Date:</i> T10000000212 COMPLETED - CASE CLOSED 7/1/2015 | | | | | | | |
| 133 | RCRA TSD | HEADLANDS VENTURES LLC DBA MIKES BIKES | 1824 UNIVERSITY AVE BERKELEY CA 94703 | WNW | 0.30 / 1,573.41 | -19 | 515 |
| <i>EPA Handler ID:</i> CAL000446663 | | | | | | | |
| 134 | LUST | CA DHS LABRATORY FACILITY | 2151 BERKELEY WY BERKELEY CA 94709 | NNE | 0.31 / 1,620.67 | 31 | 516 |
| <i>Global ID Status Status Date:</i> T0600101914 COMPLETED - CASE CLOSED 1/9/1997 | | | | | | | |
| 135 | LUST | CHEVRON | 2199 BERKELEY WY BERKELEY CA 94709 | NNE | 0.32 / 1,663.50 | 34 | 519 |
| <i>Global ID Status Status Date:</i> T0600100314 COMPLETED - CASE CLOSED 5/1/2003 | | | | | | | |
| 136 | LUST | HERRICK HOSPITAL ALTA BATES | 2001 DWIGHT WY BERKELEY CA 94704 | S | 0.32 / 1,670.35 | -16 | 523 |
| <i>Global ID Status Status Date:</i> T0600100698 COMPLETED - CASE CLOSED 6/25/1999 | | | | | | | |
| 137 | CLEANUP SITES | "2107 DWIGHT (AKA ""THE DWIGHT"")" | 2107 DWIGHT WAY BERKELEY CA 94704 | SSE | 0.32 / 1,675.07 | -7 | 525 |
| <i>Site Facility Type Status:</i> CLEANUP PROGRAM SITE COMPLETED - CASE CLOSED | | | | | | | |
| 138 | CLEANUP SITES | HADJIAN PROPERTY | 1840/1894 UNIVERSITY AVENUE BERKELEY CA 94703 | WNW | 0.32 / 1,675.51 | -22 | 533 |

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| 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 |
| <i>Global ID Status Status Date:</i> 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 |
| <i>Global ID Status Status Date:</i> 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 |
| <i>Global ID Status Status Date:</i> 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 |
| <i>Site Facility Type Status:</i> CLEANUP PROGRAM SITE COMPLETED - CASE CLOSED | | | | | | | |
| 155 | LUST | FORMER CHEVRON | 1797 SHATTUCK AVE BERKELEY CA 94704 | N | 0.41 / 2,178.88 | 37 | 600 |
| <i>Global ID Status Status Date:</i> 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 |
| <i>Global ID Status Status Date:</i> T0600102173 COMPLETED - CASE CLOSED 6/25/1999 | | | | | | | |
| 157 | LUST | SHELL | 1752 SHATTUCK AVE BERKELEY CA 94709 | N | 0.43 / 2,267.37 | 40 | 613 |
| <i>Global ID Status Status Date:</i> 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 |
| <i>Global ID Status Status Date:</i> 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 |
| <i>Global ID Status Status Date:</i> T0600102182 COMPLETED - CASE CLOSED 6/25/1999 | | | | | | | |
| 160 | LUST | BERKELEY HONDA | 2600 SHATTUCK BERKELEY CA 94704 | SSE | 0.48 / 2,516.49 | -18 | 635 |
| <i>Global ID Status Status Date:</i> 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 |
| <i>Global ID Status Status Date:</i> 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 |
|-------------------------------------------------------------------------------------------|------------|---------------------|-------------------------------------------------|-----------|--------------------|----------------|---------------------|
| <i>Global ID Status Status Date:</i> 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 |
| <i>Estor/EPA ID Cleanup Status:</i> 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 |
| <i>Estor/EPA ID Cleanup Status:</i> 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 |
| <i>Estor/EPA ID Cleanup Status:</i> 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 |
| <i>Estor/EPA ID Cleanup Status:</i> 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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------------------|----------------------------------------------------------------------------------------|------------------|-------------------------|---------------------|
| MODERA ACHESON COMMONS | 2131 UNIVERSITY AVENUE BERKELEY CA 94704 <i>EPA Handler ID: CAC003008378</i> | NNE | 0.24 / 1,277.00 | 124 |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| 2025 DURANT AVENUE, LLC | 2025 DURANT AVENUE BERKELEY CA 94704 <i>EPA Handler ID: CAC003018572</i> | S | 0.13 / 681.67 | 60 |
| VARSITY APARTMENTS | 2024 DURANT AVE BERKELEY CA 94704 <i>EPA Handler ID: CAC003013509</i> | S | 0.13 / 698.97 | 66 |
| HEADLANDS VENTURES LLC DBA MIKES BIKES | 1824 UNIVERSITY AVE BERKELEY CA 94703 <i>EPA Handler ID: CAL000446663</i> | WNW | 0.30 / 1,573.41 | 133 |
| LARIJANI | 1919 DWIGHT WAY BERKELEY CA 94704 <i>EPA Handler ID: CAL000444911</i> | 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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|----------------------------------------------------------------------------------------|------------------|-------------------------|--------------------|
| WALGREENS #15025 | 2190 SHATTUCK AVE BERKELEY CA 94704 <i>EPA Handler ID: CAL000378647</i> | NE | 0.05 / 238.88 | 14 |
| TARGET STORE T3202 | 2187 SHATTUCK AVE BERKELEY CA 94705-0000 <i>EPA Handler ID: CAR000016931</i> | NE | 0.06 / 293.00 | 18 |
| PACIFIC BELL | 2116 BANCROFT WAY BERKELEY CA 94704 | SE | 0.10 / 538.35 | 44 |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------------------------|----------------------------------------|------------------|-------------------------|---------------------|
| | <i>EPA Handler ID: CAD054391776</i> | | | |
| TANG CENTER (UNIVERSITY HEALTH SERVICE) | 2222 BANCROFT WAY BERKELEY CA 94720 | ESE | 0.18 / 958.38 | 90 |
| | <i>EPA Handler ID: CAR000120816</i> | | | |
| UC BERKELEY ART MUSEUM AND PACIFIC FILM ARCHIVE | 2120 OXFORD ST BERKELEY CA 94720 | NE | 0.18 / 969.58 | 91 |
| | <i>EPA Handler ID: CA0000303172</i> | | | |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| CVS PHARMACY # 3026 | 2300 SHATTUCK AVE BERKELEY CA 94704 | SSE | 0.10 / 515.05 | 42 |
| | <i>EPA Handler ID: CAR000120881</i> | | | |
| TOYOTA OF BERKELEY | 2400 SHATTUCK AVE BERKELEY CA 94704 | SSE | 0.20 / 1,071.59 | 102 |
| | <i>EPA Handler ID: CAD981442767</i> | | | |

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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|-------------------------------------------|------------------|-------------------------|---------------------|
| MAGGINI CHEVROLET | 2140 DURANT AVE BERKELEY CA 94704 | SE | 0.16 / 856.15 | 82 |
| | <i>EPA Handler ID: CAD982003188</i> | | | |
| ACHESON COMMONS | 2123 UNIVERSITY AVE. BERKELEY CA 94704 | NNE | 0.23 / 1,194.55 | 113 |
| | <i>EPA Handler ID: CAP000289280</i> | | | |
| MCRF ACHESON LLP | 2123 UNIVERSITY AVE. BERKELEY CA 94704 | NNE | 0.23 / 1,194.55 | 113 |
| | <i>EPA Handler ID: CAR000295790</i> | | | |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| YAS AUTOMOTIVE INC | 2000 KITTREDGE BERKELEY CA 94704 | WSW | 0.06 / 304.52 | 20 |
| | <i>EPA Handler ID: CAD981572720</i> | | | |
| BERKELEY CENTRAL DUP CITY OF | 2180 MILIVIA ST BERKELEY CA 94704 | WNW | 0.08 / 409.12 | 34 |
| | <i>EPA Handler ID: CAD983652280</i> | | | |
| HUSTEADS COLLISION CENTER | 2037 DURANT AVE BERKELEY CA 94704 | S | 0.13 / 673.42 | 55 |
| | <i>EPA Handler ID: CAD027915206</i> | | | |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------------------|----------------------------------------|------------------|-------------------------|--------------------|
| AUTOMOTIVE UNLIMITED | 2020 ADDISON ST BERKELEY CA 94704 | NNW | 0.13 / 675.01 | 56 |
| | <i>EPA Handler ID: CAD981572787</i> | | | |
| STADIUM BODY SHOP | 2026 ADDISON ST BERKELEY CA 94704 | NNW | 0.13 / 675.08 | 57 |
| | <i>EPA Handler ID: CAD981371347</i> | | | |
| REGGIE JACKSON CHEVROLET | 2349 SHATTUCK AVE BERKELEY CA 94704 | SSE | 0.15 / 772.25 | 72 |
| | <i>EPA Handler ID: CAD982478802</i> | | | |
| BERKELEY LINCOLN MERCURY SALES INC | 2352 SHATTUCK AVE BERKELEY CA 94704 | SSE | 0.15 / 790.60 | 76 |
| | <i>EPA Handler ID: CAD981446693</i> | | | |
| HAMSEM TUNE UP | 1933 ADDISON ST BERKELEY CA 94703 | NW | 0.16 / 864.12 | 84 |
| | <i>EPA Handler ID: CAD981158868</i> | | | |

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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------------------------------|---------------------------------------------|------------------|-------------------------|--------------------|
| CVS PHARMACY #17673 | 2187 SHATTUCK AVE STE B BERKLEY CA 94704 | NE | 0.06 / 293.00 | 18 |
| | <i>EPA Handler ID: CAR000258913</i> | | | |
| JODO SHINSHU CENTER-BUDDHIST CHURCHES OF AMERICA | 2140 DURANT AVE BERKELEY CA 94704 | SE | 0.16 / 856.15 | 82 |
| | <i>EPA Handler ID: CAR000302422</i> | | | |

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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|---------------------------------------------|------------------|-------------------------|--------------------|
| FIRST SHATTUCK LLC | 2150 SHATTUCK AVE B100 BERKELEY CA 94704 | NE | 0.07 / 361.42 | 27 |
| | <i>EPA Handler ID: CAC003055420</i> | | | |
| FIRST SHATTUCK LLC | 2150 SHATTUCK AVE B100 BERKELEY CA 94704 | NE | 0.07 / 361.42 | 27 |
| | <i>EPA Handler ID: CAC003055813</i> | | | |
| BART/BERKELEY STATION | 2160 SHATTUCK AVE BERKELEY CA 94704-1307 | NNE | 0.08 / 400.09 | 33 |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------------------------------|---------------------------------------------|------------------|-------------------------|---------------------|
| | <i>EPA Handler ID: CAL000015940</i> | | | |
| 2105 BANCROFT FEE OWNER CA, LLC | 2105 BANCROFT WAY BERKELEY CA 94720 | SE | 0.08 / 415.56 | 35 |
| | <i>EPA Handler ID: CAC002972058</i> | | | |
| 2105 BANCROFT FEE OWNER CA, LLC | 2105 BANCROFT WAY BERKELEY CA 94720 | SE | 0.08 / 415.56 | 35 |
| | <i>EPA Handler ID: CAC002976477</i> | | | |
| UNIVERSITY OF CALIFORNIA BERKELEY BANWAY BUILDING | 2111 BANCROFT WAY BERKELEY CA 94720 | ESE | 0.09 / 494.06 | 41 |
| | <i>EPA Handler ID: CAP000201947</i> | | | |
| UNIVERSITY OF CALIFORNIA BERKELEY, BANWAY BUILDING | 2111 BANCROFT WAY BERKELEY CA 94720 | ESE | 0.09 / 494.06 | 41 |
| | <i>EPA Handler ID: CAC003077441</i> | | | |
| BOLLIBOKKA SHATTUCK, LLC | 2140 SHATTUCK AVE BERKELEY CA 94704 | NNE | 0.10 / 520.68 | 43 |
| | <i>EPA Handler ID: CAC003039156</i> | | | |
| BOLLIBOKKA SHATTUCK, LLC | 2140 SHATTUCK AVE BERKELEY CA 94704-1210 | NNE | 0.10 / 520.68 | 43 |
| | <i>EPA Handler ID: CAC003066151</i> | | | |
| BERKELEY DOWNTOWN HOTEL OWNER LLC | 2129 SHATTUCK AVE BERKELEY CA 94704 | NNE | 0.11 / 585.47 | 49 |
| | <i>EPA Handler ID: CAC002988018</i> | | | |
| BERKELEY DOWNTOWN HOTEL LLC | 2129 SHATTUCK AVENUE BERKELEY CA 94704 | NNE | 0.11 / 585.47 | 49 |
| | <i>EPA Handler ID: CAC002969357</i> | | | |
| BERKELEY DOWNTOWN HOTEL OWNER LLC | 2129 SHATTUCK AVE BERKELEY CA 94704 | NNE | 0.11 / 585.47 | 49 |
| | <i>EPA Handler ID: CAP000289678</i> | | | |
| BERKELEY DOWNTOWN HOTEL OWNER LLC | 2129 SHATTUCK AVE BERKELEY CA 94704 | NNE | 0.11 / 585.47 | 49 |
| | <i>EPA Handler ID: CAC002996915</i> | | | |
| WESTERN DENTAL SERVICES, INC. | 115 BERKELEY SQ BERKELEY CA 94704-1206 | NNE | 0.14 / 738.65 | 71 |
| | <i>EPA Handler ID: CAL000100721</i> | | | |
| TOYOTA OF BERKELEY | 2112 DURANT AVE BERKELEY CA 94704-0000 | SE | 0.15 / 787.34 | 75 |
| | <i>EPA Handler ID: CAL000091508</i> | | | |
| CAMPUS MINI MART | 2200 DURANT AVE BERKELEY CA 94704 | ESE | 0.20 / 1,072.00 | 103 |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------------|-----------------------------------------------|------------------|-------------------------|---------------------|
| | <i>EPA Handler ID: CAL000275725</i> | | | |
| MISSING LINK BICYCLE COOPERATIVE | 1988 SHATTUCK AVE BERKELEY CA 94704-0000 | N | 0.22 / 1,159.72 | 109 |
| | <i>EPA Handler ID: CAL000380944</i> | | | |
| MCREF ACHESON LLC | 2131 UNIVERSITY AVE. BERKELEY CA 94704 | NNE | 0.23 / 1,214.14 | 115 |
| | <i>EPA Handler ID: CAC002973133</i> | | | |
| THE MISSING LINK BICYCLE COOPERATIVE | 1961 SHATTUCK AVE BERKELEY CA 94704-1033 | N | 0.24 / 1,262.75 | 121 |
| | <i>EPA Handler ID: CAL000381085</i> | | | |
| MODERA ACHESON COMMONS | 2131 UNIVERSITY AVENUE BERKELEY CA 94704 | NNE | 0.24 / 1,277.00 | 124 |
| | <i>EPA Handler ID: CAC003008378</i> | | | |
| HANS THIERING MASONRY | 2131 UNIVERSITY AVE BERKELEY CA 94704 | NNE | 0.24 / 1,277.00 | 124 |
| | <i>EPA Handler ID: CAL000447227</i> | | | |
| MCREF ACHESON LLC | 2131 UNIVERSITY AVE BERKELEY CA 94704-1077 | NNE | 0.24 / 1,277.00 | 124 |
| | <i>EPA Handler ID: CAC003034624</i> | | | |
| | | | | |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| U. S. POSTAL SERVICE | 2000 ALLSTON WAY BERKELEY CA 94704 | WNW | 0.05 / 272.66 | 15 |
| | <i>EPA Handler ID: CAC003038554</i> | | | |
| BERKELEY CITY COLLEGE | 2050 CENTER ST BERKELEY CA 94704-1205 | NNW | 0.07 / 352.98 | 24 |
| | <i>EPA Handler ID: CAL000309228</i> | | | |
| CITY OF BERKELEY | 2180 MILVIA ST BERKELEY CA 94704 | WNW | 0.08 / 409.12 | 34 |
| | <i>EPA Handler ID: CAC003059399</i> | | | |
| BERKELEY USD BERKELEY HIGH SCHOOL | 2246 MILVIA ST BERKELEY CA 94704 | SW | 0.09 / 470.57 | 39 |
| | <i>EPA Handler ID: CAD981690662</i> | | | |
| CITY OF BERKELEY PUBLIC HEALTH CLINIC | 1947 CENTER ST BERKELEY CA 94707 | WNW | 0.12 / 638.86 | 52 |
| | <i>EPA Handler ID: CAC002997113</i> | | | |
| 2025 DURANT AVENUE, LLC | 2025 DURANT AVENUE BERKELEY CA 94704 | S | 0.13 / 681.67 | 60 |
| | <i>EPA Handler ID: CAC003018572</i> | | | |

| Lower Elevation | Address | Direction | Distance (mi/ft) | Map Key |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------|-------------------------|--------------------|
| BERKELEY UNIFIED SCHOOL DISTRICT | 1950 ALLSTON WAY BERKELEY CA 94704 <i>EPA Handler ID: CAL000382178</i> | W | 0.13 / 697.52 | 64 |
| VARSITY BERKELEY | 2024 DURANT AVE BERKELEY CA 94704 <i>EPA Handler ID: CAC002991290</i> | S | 0.13 / 698.97 | 66 |
| VARSITY APARTMENTS | 2024 DURANT AVE BERKELEY CA 94704 <i>EPA Handler ID: CAC003013509</i> | S | 0.13 / 698.97 | 66 |
| VARSITY APARTMENTS | 2024 DURANT AVE BERKELEY CA 94704 <i>EPA Handler ID: CAC003063031</i> | S | 0.13 / 698.97 | 66 |
| STUART PRATT MANOR | 2020 DURANT AVE, UNIT 201 BERKELEY CA 94704 <i>EPA Handler ID: CAC002989026</i> | SSW | 0.14 / 719.02 | 68 |
| BERKELEY UNIFIED SCHOOL DISTRICT | 1930 ALLSTON WAY BERKELEY CA 94704 <i>EPA Handler ID: CAC003067887</i> | W | 0.15 / 776.00 | 73 |
| BERKELEY UNIFIED SCHOOL DISTRICT | 1930 ALLSTON WAY BERKELEY CA 94704 <i>EPA Handler ID: CAC003085922</i> | W | 0.15 / 776.00 | 73 |
| STAPLES THE OFFICE SUPERSTORE EAST INC STORE 1458 | 2352 SHATTUCK AVE BERKELEY CA 94704 <i>EPA Handler ID: CAL000390688</i> | SSE | 0.15 / 790.60 | 76 |
| CA-AG LOGAN PARK, LLC | 2352 SHATTUCK AVENUE BERKELEY CA 94704 <i>EPA Handler ID: CAC003064004</i> | SSE | 0.15 / 790.60 | 76 |
| CA/AG LOGAN PARK PROPERTY OWNER, LLC | 2352 SHATTUCK AVE BERKELEY CA 94704 <i>EPA Handler ID: CAC003048022</i> | SSE | 0.15 / 790.60 | 76 |
| USDA FS PSW EXPT STATION | 1960 ADDISON ST BERKELEY CA 94701 <i>EPA Handler ID: CA1122390031</i> | NW | 0.16 / 847.55 | 81 |
| 2035 CHANNING WAY, LLC | 2035 CHANNING WAY BERKELEY CA 94704 <i>EPA Handler ID: CAC002987137</i> | SSE | 0.19 / 1,005.38 | 94 |
| BERKELEY USD/ BERKELEY HIGH SCHOOL | 2223 MARTIN LUTHER KING JR WAY BERKELEY CA 94704-1437 <i>EPA Handler ID: CAL000279428</i> | W | 0.19 / 1,022.29 | 98 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-----------------------------------------|------------------------------------------------------------------------------------|------------------|-------------------------|---------------------|
| CITY OF BERKELEY PUBLIC SAFETY BUILDING | 2100 MARTIN LUTHER KING JR WAY BERKELEY CA 94704-1109 | WNW | 0.20 / 1,068.29 | 101 |
| | <i>EPA Handler ID: CAL000362245</i> | | | |
| FIRESTONE COMPLETE AUTO CARE # 3656 | 1974 UNIVERSITY AVE BERKELEY CA 94704 | NW | 0.21 / 1,086.77 | 106 |
| | <i>EPA Handler ID: CAL000364702</i> | | | |
| JUDICIAL COUNCIL OF CALIFORNIA | BERKELEY COURTHOUSE 01-G1 2120 MARTIN LUTHER KING, JR. WAY BERKELEY CA 94704 | WNW | 0.23 / 1,198.84 | 114 |
| | <i>EPA Handler ID: CAC002988754</i> | | | |
| DOLLAR TREE #03454 | 2440 SHATTUCK AVE BERKELEY CA 94704 | SSE | 0.24 / 1,278.50 | 125 |
| | <i>EPA Handler ID: CAL000381241</i> | | | |
| THE GREENLINING INSTITUTE | 1918 UNIVERSITY AVENUE BERKELEY CA 94704 | NW | 0.25 / 1,306.01 | 126 |
| | <i>EPA Handler ID: CAC003054967</i> | | | |

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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|-------------------------------------------------------------------------------------|------------------|-------------------------|---------------------|
| VIRGINIA CLEANERS | 1667 SHATTUCK AVENUE BERKELEY CA 94709 | N | 0.53 / 2,820.10 | 163 |
| | <i>Estor/EPA ID Cleanup Status: 01720108 NO FURTHER ACTION AS OF 12/18/1987</i> | | | |

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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------------------------------|----------------------------------------------------------------------------------------------|------------------|-------------------------|---------------------|
| UNIVERSITY OF CALIFORNIA, BERKELEY - MAIN CAMPUS | 317 UNIVERSITY HALL, MC 1150 BERKELEY CA 94720 | NE | 0.24 / 1,266.77 | 122 |
| | <i>Estor/EPA ID Cleanup Status: 60001619 INACTIVE - NEEDS EVALUATION AS OF 3/18/2011</i> | | | |
| VIRGINIA CLEANERS | 1667 SHATTUCK AVENUE BERKELEY CA 94709 | N | 0.53 / 2,820.10 | 163 |
| | <i>Estor/EPA ID Cleanup Status: 01720108 NO FURTHER ACTION AS OF 12/18/1987</i> | | | |
| VIRGINIA CLEANERS | 1650 SHATTUCK AVENUE BERKELEY CA 94709 | N | 0.59 / 3,105.73 | 164 |
| | <i>Estor/EPA ID Cleanup Status: 60002969 ACTIVE AS OF 7/1/2020</i> | | | |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------------------------------------------------------------------|-------------------------------------------------|------------------|-------------------------|---------------------|
| FORMER CAL CLEANERS | 2529-2533 TELEGRAPH AVENUE BERKELEY CA 94710 | ESE | 0.62 / 3,280.82 | 165 |
| <i>Estor/EPA ID Cleanup Status: 60001043 REFER: 1248 LOCAL AGENCY AS OF 2/14/2008</i> | | | | |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-----------------------------------------------------------------------------|--------------------------------------------------|------------------|-------------------------|---------------------|
| CALIF UNIVERSITY, LAWRENCE BERKELEY LAB | 1 CYCLOTRON ROAD/ MS75B-101 BERKELEY CA 94720 | NW | 0.26 / 1,358.32 | 128 |
| <i>Estor/EPA ID Cleanup Status: 71003603 REFER: RCRA AS OF 2/1/1999</i> | | | | |

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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------------------------------------------------------------------------|--------------------------------------------|------------------|-------------------------|---------------------|
| AMERICAN RED CROSS | 2116 ALLSTON WY BERKELEY CA 94704 | ENE | 0.08 / 442.87 | 38 |
| <i>Global ID Status Status Date: T0600100071 COMPLETED - CASE CLOSED 5/12/1994</i> | | | | |
| PACIFIC BELL | 2116 BANCROFT WY BERKELEY CA 94704 | SE | 0.10 / 538.35 | 44 |
| <i>Global ID Status Status Date: T0600101021 COMPLETED - CASE CLOSED 6/25/1999</i> | | | | |
| BERKELEY TOUCHLESS | 2176 KITTREDGE STREET BERKELEY CA 94704 | E | 0.10 / 547.41 | 45 |
| <i>Global ID Status Status Date: T10000004535 OPEN - SITE ASSESSMENT 1/9/2013</i> | | | | |
| TOLTEC PROPERTY | 2148 CENTER ST BERKELEY CA 94704 | NE | 0.13 / 692.29 | 62 |
| <i>Global ID Status Status Date: T0600101723 COMPLETED - CASE CLOSED 2/22/1994</i> | | | | |
| JACKSON PROPERTY | 2131 DURANT AVE BERKELEY CA 94704 | SE | 0.15 / 808.14 | 77 |
| <i>Global ID Status Status Date: T0600100749 COMPLETED - CASE CLOSED 9/29/1994</i> | | | | |
| GOSS ROSS DOYLE TRUST | 2140 DURANT AVE BERKELEY CA 94709 | SE | 0.16 / 856.15 | 82 |
| <i>Global ID Status Status Date: T0600100658 COMPLETED - CASE CLOSED 7/28/1999</i> | | | | |
| SHELL | 2200 DURANT AVE BERKELEY CA 94704 | ESE | 0.20 / 1,072.00 | 103 |
| <i>Global ID Status Status Date: T0600101238 COMPLETED - CASE CLOSED 3/28/2013</i> | | | | |
| UC BERKELEY SITE GARAGE | 1952 OXFORD ST BERKELEY CA 94704 | NNE | 0.29 / 1,544.41 | 131 |
| <i>Global ID Status Status Date: T0600101407 COMPLETED - CASE CLOSED 9/22/2004</i> | | | | |
| CA DHS LABRATORY FACILITY | 2151 BERKELEY WY BERKELEY CA 94709 | NNE | 0.31 / 1,620.67 | 134 |
| <i>Global ID Status Status Date: T0600101914 COMPLETED - CASE CLOSED 1/9/1997</i> | | | | |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------------------------------------------------------------------|----------------------------------------|------------------|-------------------------|---------------------|
| CHEVRON | 2199 BERKELEY WY BERKELEY CA 94709 | NNE | 0.32 / 1,663.50 | 135 |
| <i>Global ID Status Status Date: T0600100314 COMPLETED - CASE CLOSED 5/1/2003</i> | | | | |
| UNKNOWN | 2167-2183 DWIGHT WY BERKELEY CA | SSE | 0.33 / 1,722.98 | 139 |
| <i>Global ID Status Status Date: T0600191731 COMPLETED - CASE CLOSED 11/8/2000</i> | | | | |
| OSCARS CAFE | 1890 SHATTUCK AVE BERKELEY CA 94709 | N | 0.33 / 1,739.10 | 140 |
| <i>Global ID Status Status Date: T10000006536 COMPLETED - CASE CLOSED 7/26/2016</i> | | | | |
| EZ SERVE | 1849 SHATTUCK AVE BERKELEY CA 94709 | N | 0.34 / 1,815.25 | 141 |
| <i>Global ID Status Status Date: T0600100482 COMPLETED - CASE CLOSED 8/6/1992</i> | | | | |
| COMMERCIAL PROPERTY | 2201 DWIGHT WAY BERKELEY CA 94704 | SE | 0.35 / 1,828.21 | 142 |
| <i>Global ID Status Status Date: T0600109784 COMPLETED - CASE CLOSED 3/8/2004</i> | | | | |
| AVIS RENT A CAR | 1900 OXFORD ST BERKELEY CA 94704 | NNE | 0.35 / 1,841.70 | 143 |
| <i>Global ID Status Status Date: T0600100958 COMPLETED - CASE CLOSED 8/31/1998</i> | | | | |
| TEXACO | 1899 OXFORD ST BERKELEY CA 94704 | NNE | 0.39 / 2,043.47 | 150 |
| <i>Global ID Status Status Date: T0600101341 COMPLETED - CASE CLOSED 10/21/1997</i> | | | | |
| FORMER CHEVRON | 1797 SHATTUCK AVE BERKELEY CA 94704 | N | 0.41 / 2,178.88 | 155 |
| <i>Global ID Status Status Date: T0600100306 COMPLETED - CASE CLOSED 6/8/2012</i> | | | | |
| APARTMENT BUILDING | 1846 SPRUCE ST BERKELEY CA 94704 | NNE | 0.42 / 2,225.30 | 156 |
| <i>Global ID Status Status Date: T0600102173 COMPLETED - CASE CLOSED 6/25/1999</i> | | | | |
| SHELL | 1752 SHATTUCK AVE BERKELEY CA 94709 | N | 0.43 / 2,267.37 | 157 |
| <i>Global ID Status Status Date: T0600101229 COMPLETED - CASE CLOSED 11/2/1994</i> | | | | |
| CSM PROPERTIES | 1890 ARCH ST BERKELEY CA 94709 | NE | 0.46 / 2,446.80 | 159 |
| <i>Global ID Status Status Date: T0600102182 COMPLETED - CASE CLOSED 6/25/1999</i> | | | | |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| BERKELEY YMCA | 2001 ALLSTON ST BERKELEY CA 94704 | WNW | 0.04 / 218.78 | 12 |
| <i>Global ID Status Status Date: T0600101728 COMPLETED - CASE CLOSED 2/23/1994</i> | | | | |
| AUTOMOTIVE UNLIMITED | 2020 ADDISON ST BERKELEY CA 94704 | NNW | 0.13 / 675.01 | 56 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------------|---------------------------------------------------------------------------------------------|------------------|-------------------------|---------------------|
| | 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 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------|-------------------------|---------------------|
| Global ID Status Status Date: T1000000212 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 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|----------------|------------------|-------------------------|----------------|
|------------------------|----------------|------------------|-------------------------|----------------|

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.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|----------------------------------------|------------------|-------------------------|---------------------|
| 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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|-----------------------------------------------------------------------|------------------|-------------------------|---------------------|
| AT&T California - Q2002 | 2116 Bancroft Way Berkeley CA 94704 <i>Facility ID: 219</i> | 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 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------------------|------------------------------------------------------|------------------|-------------------------|---------------------|
| 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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|----------------------------------------------------|------------------|-------------------------|--------------------|
| 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 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------|-----------------------------------------------------|------------------|-------------------------|---------------------|
| 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.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|----------------------------------|------------------|-------------------------|---------------------|
| | 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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|----------------------------------------|------------------|-------------------------|--------------------|
| 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 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|----------------------------------------|------------------|-------------------------|--------------------|
| 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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|----------------------------------------------------------------------|------------------|-------------------------|---------------------|
| AT&T California - Q2002 | 2116 BANCROFT WAY BERKELEY CA 94704 <i>Site ID: 434129</i> | SE | 0.10 / 538.35 | 44 |
| BERKELEY TOUCHLESS CARWASH | 2176 KITTREDGE ST BERKELEY CA 94704 <i>Site ID: 11847</i> | E | 0.10 / 547.41 | 45 |
| CAMPUS MINIMART | 2200 DURANT AVE BERKELEY CA 94704 <i>Site ID: 102763</i> | ESE | 0.20 / 1,072.00 | 103 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------------------|-----------------------------------------------------------------------------------|------------------|-------------------------|---------------------|
| City of Berkeley Central Library | 2031 BANCROFT WAY BERKELEY CA 94704 <i>Site ID: 390041</i> | S | 0.07 / 344.34 | 23 |
| CITY OF BERKELEY- PUBLIC SAFETY BUILDING | 2100 MARTIN LUTHER KING JR. WAY BERKELEY CA 94704 <i>Site ID: 19433</i> | WNW | 0.20 / 1,068.29 | 101 |
| TOYOTA OF BERKELEY | 2400 SHATTUCK AVE BERKELEY CA 94710 <i>Site ID: 162977</i> | 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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------------------------------------------------------------------|--------------------------------------------------|------------------|-------------------------|---------------------|
| BRIDGE HOUSING CORPORATION | 2012 BERKELEY WAY BERKELEY CA 94710 | NNW | 0.25 / 1,335.75 | 127 |
| <i>Site Facility Type Status: CLEANUP PROGRAM SITE OPEN - SITE ASSESSMENT</i> | | | | |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| 2009 TO 2015 ADDISON STREET | 2009 ADDISON STREET BERKELEY CA 94704 | NNW | 0.13 / 706.67 | 67 |
| <i>Site Facility Type Status: CLEANUP PROGRAM SITE OPEN - INACTIVE</i> | | | | |
| VACANT BUILDING/ FRED'S MARKET | 1929 UNIVERSITY AVENUE BERKELEY CA 94704 | NW | 0.24 / 1,275.39 | 123 |
| <i>Site Facility Type Status: CLEANUP PROGRAM SITE COMPLETED - CASE CLOSED</i> | | | | |
| "2107 DWIGHT (AKA "THE DWIGHT")" | 2107 DWIGHT WAY BERKELEY CA 94704 | SSE | 0.32 / 1,675.07 | 137 |
| <i>Site Facility Type Status: CLEANUP PROGRAM SITE COMPLETED - CASE CLOSED</i> | | | | |
| HADJIAN PROPERTY | 1840/1894 UNIVERSITY AVENUE BERKELEY CA 94703 | WNW | 0.32 / 1,675.51 | 138 |
| <i>Site Facility Type Status: CLEANUP PROGRAM SITE OPEN - SITE ASSESSMENT</i> | | | | |
| PRIVATE RESIDENCE | PRIVATE RESIDENCE BERKELEY CA 94703 | W | 0.41 / 2,159.34 | 154 |
| <i>Site Facility Type Status: CLEANUP PROGRAM SITE COMPLETED - CASE CLOSED</i> | | | | |

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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|-------------------------|------------------|-------------------------|---------------------|
| MCDONALDS | 1998 SHATTUCK AVE CA | N | 0.22 / 1,172.41 | 111 |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| 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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-----------------------------------|-----------------------------------------------|------------------|-------------------------|---------------------|
| 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 |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| 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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------------------|---------------------------------|-------------------------|--------------------------------|---------------------------|
| HOTEL SHATTUCK PLAZA | 2086 Allston WAY CA | NE | 0.02 / 109.32 | <u>8</u> |
| BURGER MEISTER | 2237 Shattuck AVE CA | E | 0.03 / 178.25 | <u>9</u> |
| ANGELINE'S LOUISIANA KITCHEN | 2261 Shattuck AVE CA | ESE | 0.04 / 186.87 | <u>10</u> |
| BEC'S BAR & BISTRO | 2271 SHATTUCK AVE CA | ESE | 0.04 / 211.45 | <u>11</u> |
| BECKETT'S IRISH PUB | 2271 SHATTUCK AVE CA | ESE | 0.04 / 211.45 | <u>11</u> |
| Tupper and Reed | 2271 Shattuck AVE CA | ESE | 0.04 / 211.45 | <u>11</u> |
| California Theatre | 2113 Kittredge St CA | E | 0.04 / 223.15 | <u>13</u> |
| Walgreens #15025 | 2190 Shattuck Ave CA | NE | 0.05 / 238.88 | <u>14</u> |
| Target Store T3202 | 2187 Shattuck Ave CA | NE | 0.06 / 293.00 | <u>18</u> |
| WALGREENS #3127 | 2187 SHATTUCK AVE CA | NE | 0.06 / 293.00 | <u>18</u> |
| CVS Pharmacy #17673 | 2187 Shattuck AVE Ste B CA | NE | 0.06 / 293.00 | <u>18</u> |
| VTT/MSI THE MOLECULAR SCIENCES INSTITUTE | 2168 SHATTUCK AVE STE 200 CA | NE | 0.06 / 301.02 | <u>19</u> |
| JUPITER LLC | 2181 Shattuck AVE CA | NE | 0.06 / 311.15 | <u>21</u> |

| 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 |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|---------------------------------------------|-----------------------------------|-------------------------|--------------------------------|-----------------------|
| 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 |

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------------------|------------------------------|-------------------------|--------------------------------|-----------------------|
| 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 |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| 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 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------------------------------------|--------------------------------|------------------|-------------------------|--------------------|
| 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 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------------------------------------------|----------------------------------------|------------------|-------------------------|---------------------|
| 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 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|----------------------------------------|------------------|-------------------------|---------------------|
| 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.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-----------------------------------|--------------------------------------------|------------------|-------------------------|-------------------|
| 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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|----------------------------------------|------------------|-------------------------|--------------------|
| CITYOFBERKELEY | 2165 Kittredge St Berkeley CA 94704 | E | 0.10 / 552.66 | 46 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|-------------------------------------|------------------|-------------------------|--------------------|
| 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 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|--------------------------------------|------------------|-------------------------|--------------------|
| 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.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------------------|---------------------------------------------------|------------------|-------------------------|-------------------|
| 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 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|----------------------------------|--------------------------------------------------|------------------|-------------------------|-------------------|
| 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.

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------|------------------------------------------|------------------|-------------------------|-------------------|
| | 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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-----------------------------------|------------------------------------------------|------------------|-------------------------|--------------------|
| 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 |
| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
| 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 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|------------------------------------------------|---------------------------------------------|------------------|-------------------------|--------------------|
| 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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|----------------------------------|----------------------------------------|------------------|-------------------------|---------------------|
| 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 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------|------------------------------------------------------|------------------|-------------------------|---------------------|
| 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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|----------------------------------------|------------------|-------------------------|--------------------|
| BERKELEY DOWNTOWN HOTEL | 2129 SHATTUCK AVE BERKELEY CA 94704 | NNE | 0.11 / 585.47 | 49 |

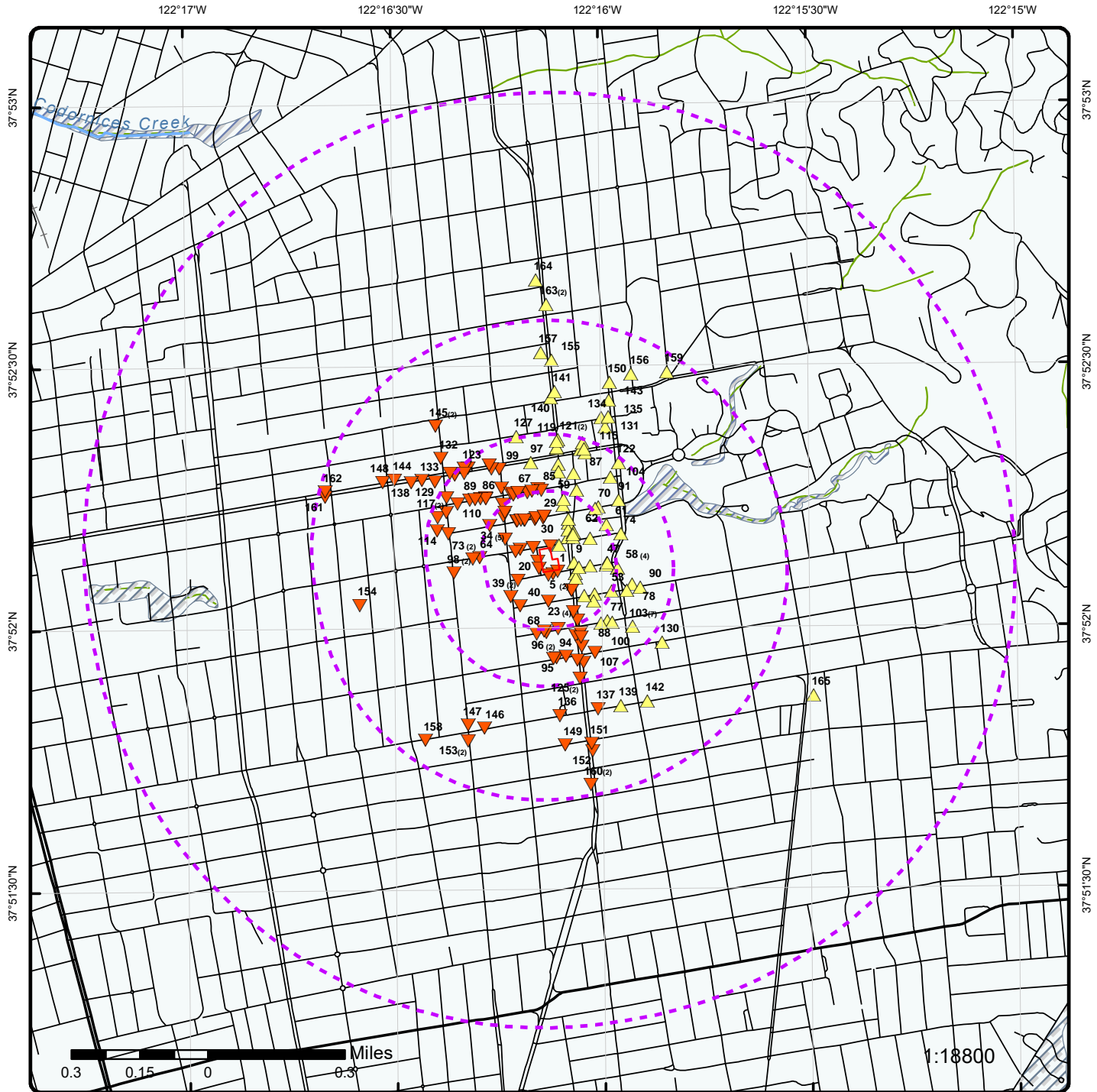
EMISSIONS - Toxic Pollutant Emissions Facilities

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.

| <u>Equal/Higher Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|-------------------------------|-----------------------------------------|------------------|-------------------------|---------------------|
| 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 |

| <u>Lower Elevation</u> | <u>Address</u> | <u>Direction</u> | <u>Distance (mi/ft)</u> | <u>Map Key</u> |
|--------------------------------------------|---------------------------------------------------|-------------------------|--------------------------------|-----------------------|
| 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 |



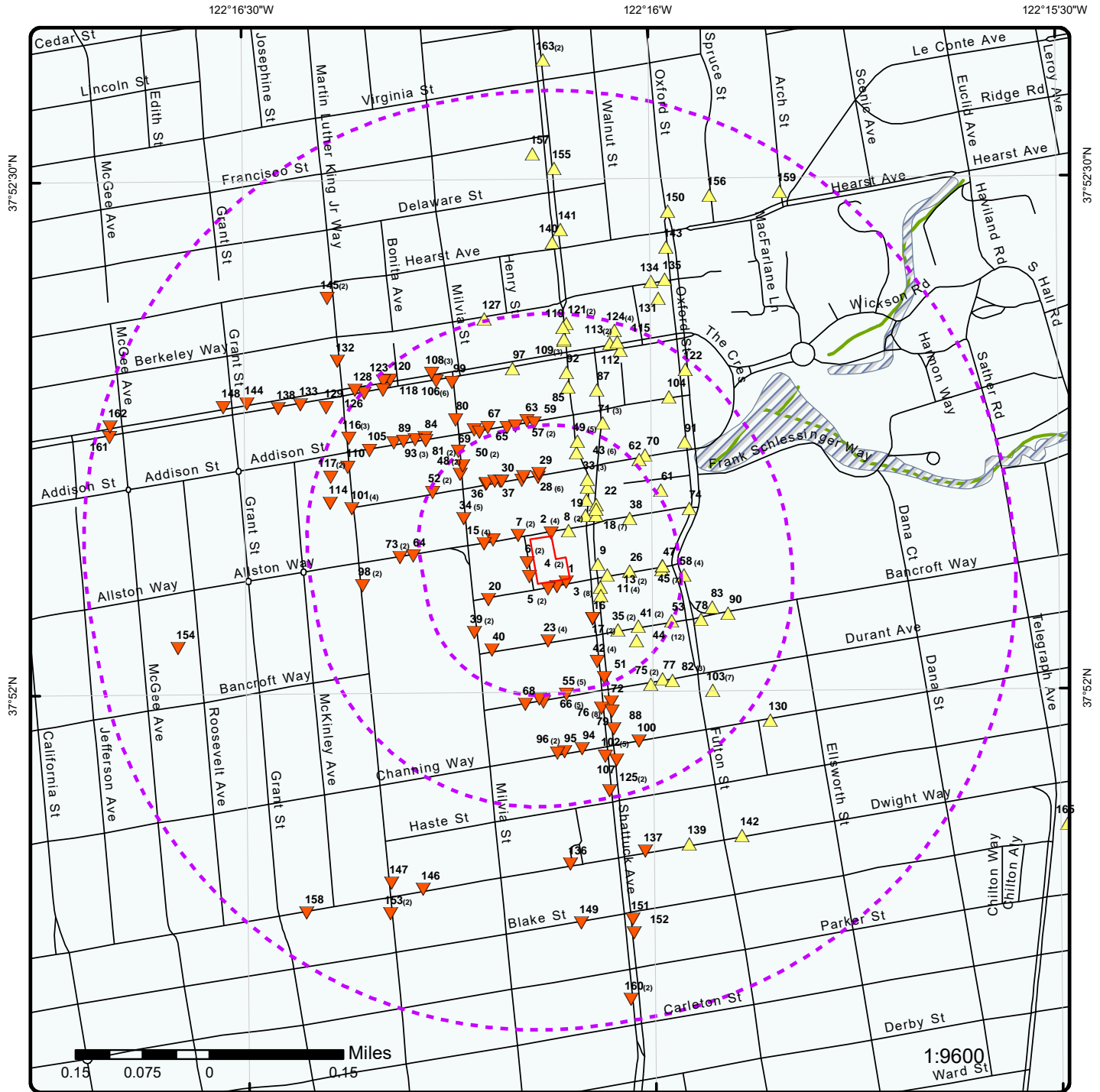
Map : 1.0 Mile Radius

Order Number: 21011300708

Address: CA Ventures - 2060 Allston Way, Berkeley, CA



| | | | |
|-----------------------------------|-----------------------|------------------------------|------------------------------------------------------------|
| 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 | | |



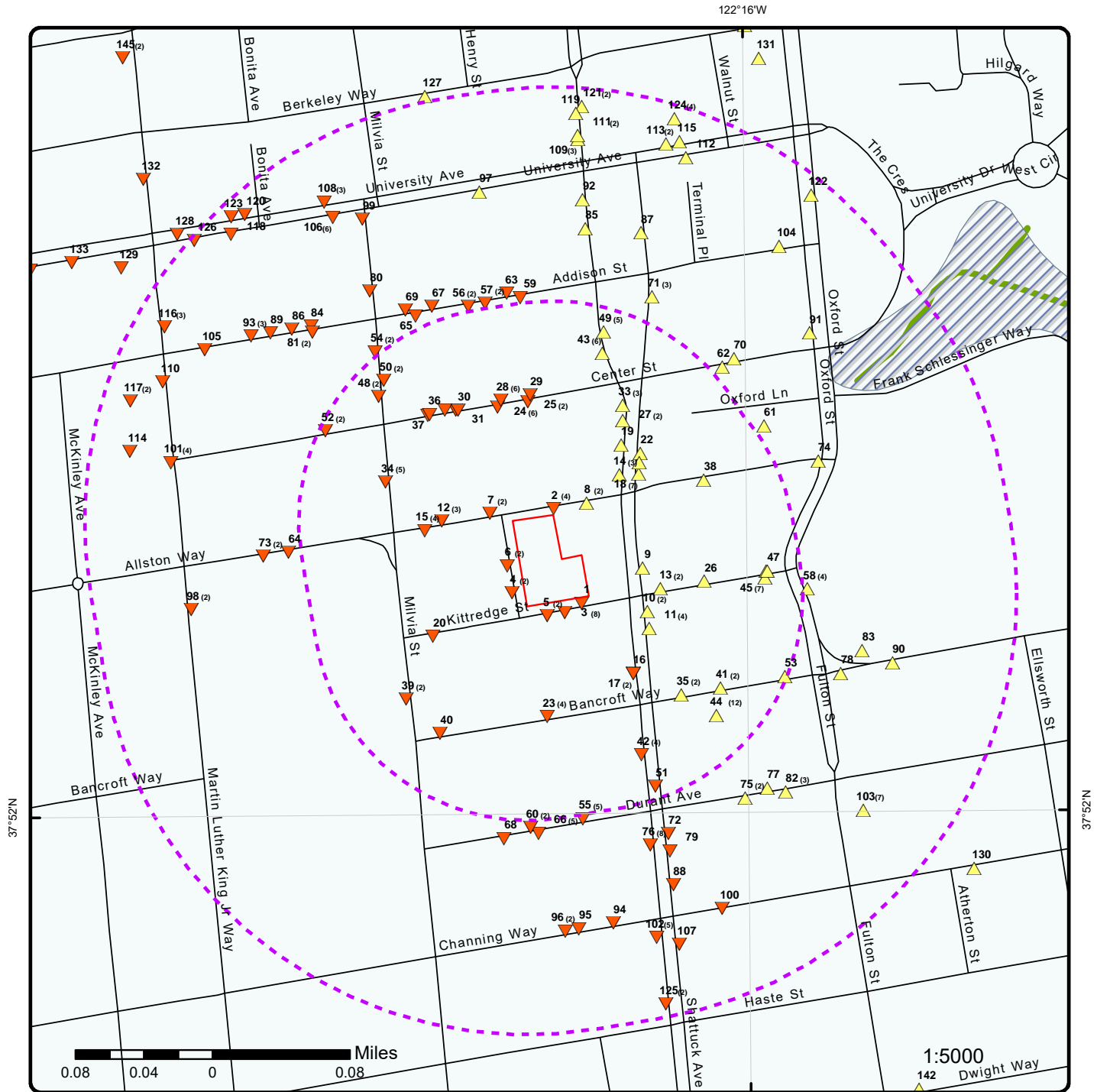
Map : 0.5 Mile Radius

Order Number: 21011300708

Address: CA Ventures - 2060 Allston Way, Berkeley, CA



| | | | |
|-----------------------------------|-----------------------|------------------------------|------------------------------------------------------------|
| 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 | | |



Map : 0.25 Mile Radius

Order Number: 21011300708

Address: CA Ventures - 2060 Allston Way, Berkeley, CA

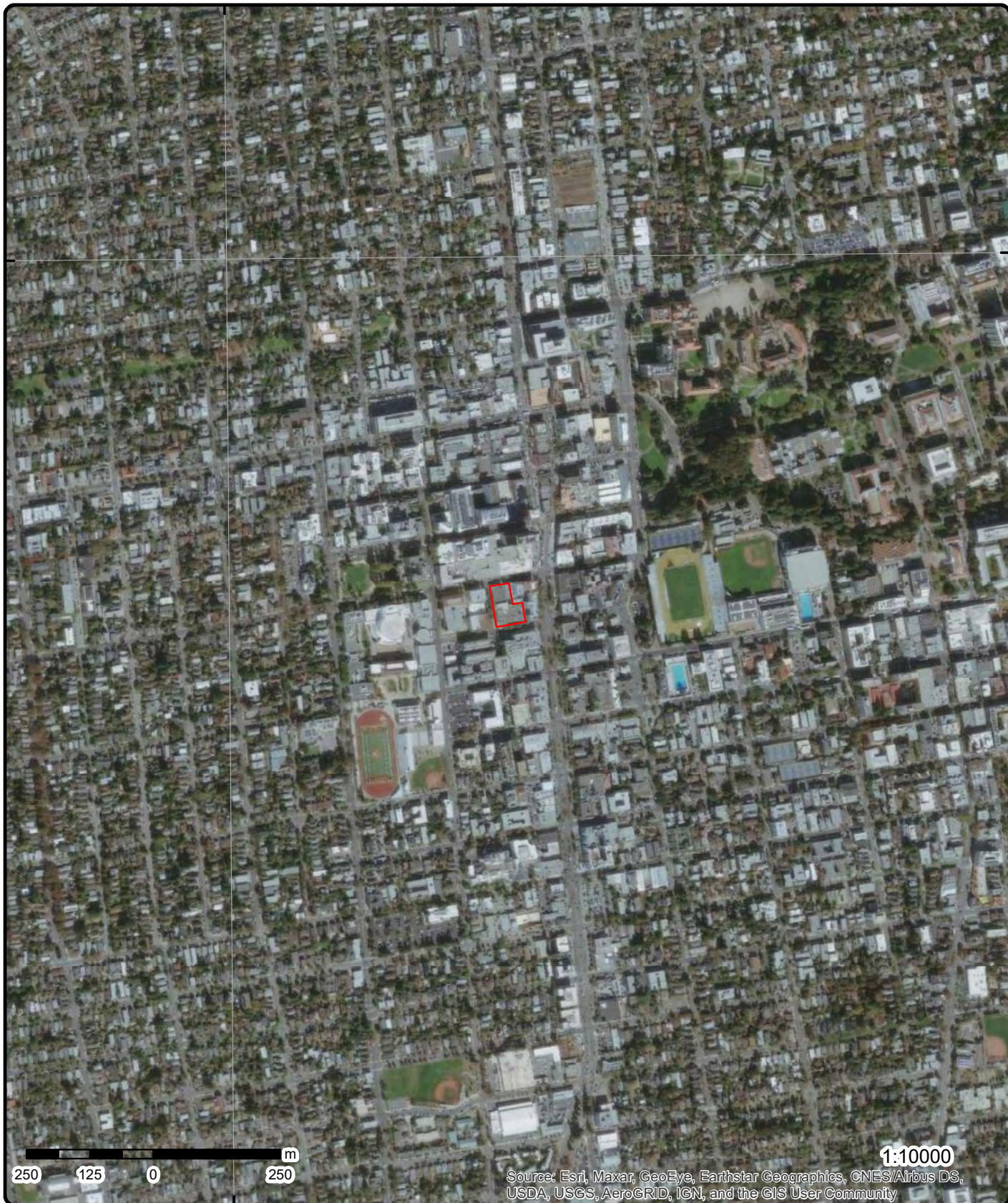


| | | | |
|-----------------------------------|-----------------------|------------------------------|------------------------------------------------------------|
| Project Property | Rails | State Boundary | FWS Special Designation Areas |
| Buffer Outline | Major Highways | National Priority List 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 | | |

122°16'30"W

37°52'30"N

37°52'30"N



Aerial Year: 2015

Address: CA Ventures - 2060 Allston Way, Berkeley, CA

Source: ESRI World Imagery

Order Number: 21011300708

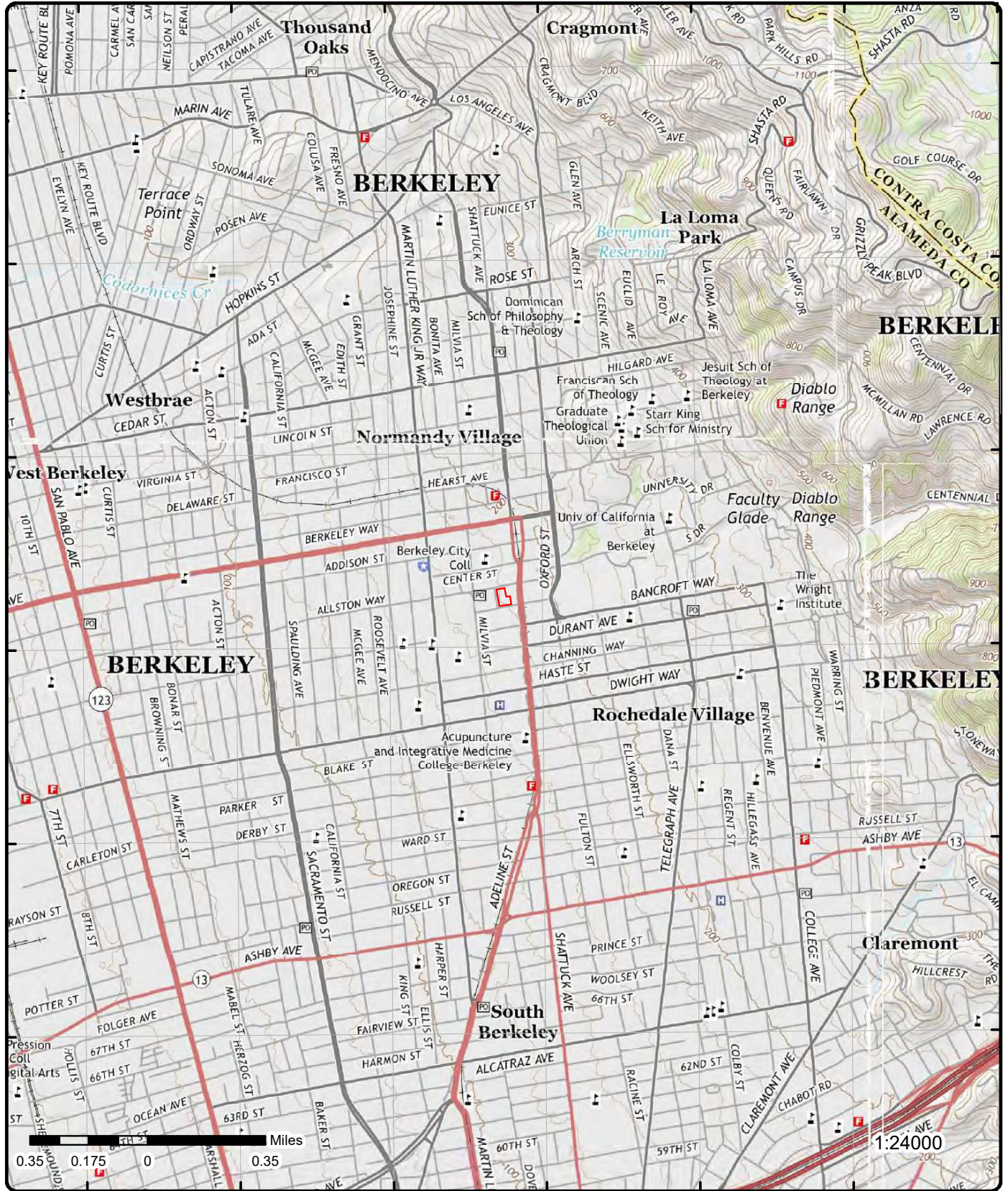


© ERIS Information Limited Partnership

122°17'30"W 122°17'W 122°16'30"W 122°16'W 122°15'30"W 122°15'W 122°14'30"W

37°53'30"N
37°53'N
37°52'30"N
37°52'N
37°51'30"N
37°51'N

37°53'30"N
37°53'N
37°52'30"N
37°52'N
37°51'30"N
37°51'N



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 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 | | | | |
| -- | | -- | | | | |
| 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 | | | | | | |

| | | | | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---|--------------|-------------|------------------------------------------------------------------------------|-----------|
| 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 |

| | | | | | | |
|-------------------|--------|-----|--------------|-------------|-----------------------------------------------------------------------|--------|
| 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 |
| -- | -- |

| | | | | | | |
|-------------------|--------|-----|--------------|-------------|--------------------------------------------------------------------|--------|
| 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 | | | | |
| -- | | -- | | | | |

[3](#)

3 of 8

SSE

0.01 /
38.35180.39 /
-2CITY OF BERKELEY LIBRARY
2090 KITTRIDGE
BERKELEY CA 947040000

HAZNET

SIC Code:
NAICS Code:Mailing City: BERKELEY
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

-- --
Contact Name: BOB BATY
Street Address 1: 2090 KITTRIDGE
Street Address 2:
City: BERKELEY
State: CA
Zip: 947040000
Phone: 5106493925
 -- --

Tanner Information

-- --
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
 -- --

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:
NAICS Code:
EPA ID: CAC002204921
Create Date: 2/1/2000
Fac Act Ind: No
Inact Date: 10/25/2000
County Code: 01
County Name: Alameda
Mail Name:
Mailing Addr 1: 2150 KITTREDGE 4TH FLOOR
Mailing Addr 2:
Owner Fax:

Mailing City: BERKELEY
Mailing State: CA
Mailing Zip: 947040000
Region Code: 2
Owner Name: CITY OF BERKELEY
Owner Addr 1: 2150 KITTREDGE 4TH FLOOR
Owner Addr 2:
Owner City: BERKELEY
Owner State: CA
Owner Zip: 947040000
Owner Phone: 0000000000

Contact Information

-- --
Contact Name: RON JOHNSON
Street Address 1: 2150 KITTREDGE 4TH FLOOR
Street Address 2:
City: BERKELEY
State: CA
Zip: 947040000
Phone: 9259445060
 -- --

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

| | |
|--------------------------|-----------------|
| Contact Name: | JEAN CROSS |
| Street Address 1: | 2001 ADDISON ST |
| Street Address 2: | |
| City: | BERKELEY |
| State: | CA |
| Zip: | 947040000 |
| Phone: | 5106446540 |
| -- | -- |
| -- | -- |

Tanner Information

| | |
|--------------------------------|---------------------------|
| 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 | | | | |
| -- | | -- | | | | |

| | | | | | | |
|-------------------|--------|-----|--------------|-------------|--------------------------------------------------------------------|--------|
| 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

-- --

Tanner Information

-- --

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

-- --

| | | | | | | |
|-------------------|--------|-----|--------------|-------------|-----------------------------------------------------------------------|--------|
| 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

-- --

| 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 | | | | | | |
| -- | -- | -- | -- | -- | -- | -- |
| Contact Name: | PAUL KING | | | | | |
| Street Address 1: | 1260 45TH ST | | | | | |
| Street Address 2: | | | | | | |
| City: | EMERYVILLE | | | | | |
| State: | CA | | | | | |
| Zip: | 946080000 | | | | | |
| Phone: | 5106584363 | | | | | |
| -- | -- | -- | -- | -- | -- | -- |
| Tanner Information | | | | | | |
| -- | -- | -- | -- | -- | -- | -- |
| 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 | | | | | |
| -- | -- | -- | -- | -- | -- | -- |

[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

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 | | | | |
| -- | | -- | | | | |

[5](#) 1 of 2 S 0.01 / 38.73 179.40 / -3 LIBRARY GARDENS GARAGE-81238 HAZNET
2020 KITTREDGE ST STE A
BERKELEY CA 947041444

| | | | |
|------------------------|-------------------------|-----------------------|------------------------|
| 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
 -- --

[5](#) 2 of 2 S 0.01 / 38.73 179.40 / -3 2020 KITTREDGE LLC HAZNET
2020 KITTREDGE ST
BERKELEY CA 947041427

| | | | |
|------------------------|---------------------|-----------------------|---------------------|
| 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
 -- --

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 | | | | |
| -- | | -- | | | | |
| 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 |
|---------|-------------------|--------------------------------|--------------------------------------|----------------|------|----|
| -- | | -- | | | | |
| | | 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 | | | |
| -- | | -- | | | | |

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 |
| -- | -- |

| | | | | | | |
|----------|--------|----|--------------|-------------|------------------------------------------|------------------|
| <u>7</u> | 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 |

| | | | | | | |
|----------|--------|----|---------------|------------|------------------------------------------------|------------------|
| <u>8</u> | 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 | | | | |
| <u>Additional Information</u> | | | | | | |
| 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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 | Postal Address: | 2237 Shattuck Ave |
| Billing Status: | 02 - INACTIVE, NON-BILLABLE | Postal Address 2: | |
| Owner: | Ali Ereikat | Postal State: | CA |
| City: | Berkeley | Postal Zip: | 94704 |

| | | | | | | |
|--------------------|--------|-----|---------------|------------|------------------------------------------------------------|------------------|
| 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 | Postal Address: | 2261 Shattuck Ave. |
| Billing Status: | 01 - ACTIVE, CUPA | Postal Address 2: | |
| Owner: | Tempe Minaga-Teves | Postal State: | CA |
| City: | Berkeley | Postal Zip: | 94704 |

| | | | | | | |
|--------------------|--------|-----|---------------|------------|---------------------------------------------------------------------------|----------|
| 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: | HMRPP | 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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

| | | | |
|---------------------------|------------------------------------------------------------------------------------|----------------------------|------------------------------------------|
| 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:

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 \geq 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 autochlor (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 CO2 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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|-------------------------|--------------------------|------------------|------------------------------|-----------------------|-------------|-----------|
| 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 | | Postal Address: | | 2271 SHATTUCK AVENUE |
| Billing Status: | | 02 - INACTIVE, NON-BILLABLE | | Postal Address 2: | | |
| Owner: | | JEAN YVES DUPERRET | | Postal State: | | CA |
| City: | | BERKELEY | | Postal Zip: | | 94704 |
| 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 | | Postal Address: | | 2271 SHATTUCK AVENUE |
| Billing Status: | | 02 - INACTIVE, NON-BILLABLE | | Postal Address 2: | | |
| Owner: | | BECKETT'S IRISH PUB | | Postal State: | | CA |
| City: | | BERLKELEY | | Postal Zip: | | 94704 |
| 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 | | Postal Address: | | 2271 SHATTUCK AVE |
| Billing Status: | | 01 - ACTIVE, CUPA | | Postal Address 2: | | |
| Owner: | | Brian Sheehy | | Postal State: | | CA |
| City: | | BERKELEY | | Postal Zip: | | 94704 |
| 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 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 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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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: | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 \geq 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 | Longitude: -122.267400 |
| Program ID: 10196923 | Coord Name: |
| Latitude: 37.868150 | Ref Point Type Desc: Center of a facility or station. |

[12](#) 1 of 3 **WNW** 0.04 / 218.78 174.97 / -8 **BERKELEY YMCA** **2001 ALLSTON ST** **BERKELEY CA 94704** **LUST**

| | |
|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------|
| Global ID: T0600101728 | County: ALAMEDA |
| Status: COMPLETED - CASE CLOSED | Latitude: 37.869122 |
| Status Date: 2/23/1994 | Longitude: -122.270257 |
| 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: 01-1865 | Potential COC: Heating Oil / Fuel Oil |
| Local Case No: 01-1865 | How Discovered: Tank Closure |
| Begin Date: 7/1/1993 | 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: 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: | |

| 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:
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)
Potential COC: HEATING OIL / FUEL OIL
Facility Type:
Composting Method:
Address: 2001 ALLSTON ST
City: BERKELEY
Zip: 94704
County: ALAMEDA
CUF Claim:

| 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 | | | | |

[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 **Postal Address:** 2111 Martin Luther King Jr way
Billing Status: 01 - ACTIVE, CUPA **Postal Address 2:**
Owner: YMCA of the Central Bay Area **Postal State:** CA
City: Berkeley **Postal Zip:** 94704

Program Element: 4400 - HAZ WASTE GENERATOR **Postal Address:** 2111 Martin Luther King Jr way
Billing Status: 02 - INACTIVE, NON-BILLABLE **Postal Address 2:**
Owner: YMCA of the Central Bay Area **Postal State:** CA
City: Berkeley **Postal Zip:** 94704

Program Element: SW02 - STORMWATER **Postal Address:** 2111 Martin Luther King Jr way
Billing Status: 01 - ACTIVE, CUPA **Postal Address 2:**
Owner: YMCA of the Central Bay Area **Postal State:** CA
City: Berkeley **Postal Zip:** 94704

[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 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: 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:

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------|------------------|-----------------------------|----------------------------------|----|
| <p>Affil Type Desc: Operator Entity Name: Anthony Rodrigues Entity Title: Address: City: State: Country: Zip Code: Phone: (510) 846-6591</p> <p>Affil Type Desc: Identification Signer Entity Name: Anthony Rodrigues Entity Title: Director of Property and Facilities Address: City: State: Country: Zip Code: Phone:</p> <p>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</p> <p>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:</p> | | | | | | |
| <u>Coordinates</u> | | | | | | |
| Env Int Type Code: | HMBP | | | Longitude: | -122.269990 | |
| Program ID: | 10195927 | | | Coord Name: | | |
| Latitude: | 37.869390 | | | 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 **Postal Address:** 2113 Kittredge St
Billing Status: 01 - ACTIVE, CUPA **Postal Address 2:**
Owner: Landmark Silver Cinemas **Postal State:** CA
City: Berkeley **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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|-------------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
| Latitude: | | 37.868608 | | | | |
| Longitude: | | -122.267369 | | | | |
| County: | | Alameda County | | | | |

Regulated Programs

El ID: 10717879 **El 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 \geq 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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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: Landmark 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 | Longitude: | -122.267370 |
| Program ID: | 10717879 | Coord Name: | |
| Latitude: | 37.868610 | 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 | Postal Address: | 200 Wilmot Road |
| Billing Status: | 01 - ACTIVE, CUPA | Postal Address 2: | |
| Owner: | Walgreen Co. | Postal State: | IL |
| City: | Deerfield | Postal Zip: | 60015 |
| Program Element: | SW02 - STORMWATER | Postal Address: | 200 Wilmot Road |
| Billing Status: | 01 - ACTIVE, CUPA | Postal Address 2: | |
| Owner: | Walgreen Co. | Postal State: | IL |
| City: | Deerfield | Postal Zip: | 60015 |
| Program Element: | 4400 - HAZ WASTE GENERATOR | Postal Address: | 200 Wilmot Road |
| Billing Status: | 01 - ACTIVE, CUPA | Postal Address 2: | |
| Owner: | Walgreen Co. | Postal State: | IL |
| City: | Deerfield | 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 |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 hazardous 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,

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 **Longitude:** -122.268640
Program ID: 10478710 **Coord Name:**
Latitude: 37.869490 **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 | | | | |
| <u>Hazardous Waste Handler Details</u> | | | | | | |
| 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 | | | | |
| <u>Waste Code Details</u> | | | | | | |
| 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: | DEERFIELD |
| 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>

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--------------------------------------------------------|---------------|
| 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 | Postal Address: | 2000 ALLSTON WAY |
| Billing Status: | 02 - INACTIVE, NON-BILLABLE | Postal Address 2: | |
| Owner: | UNITED STATES POSTAL SERVICE | Postal State: | CA |
| City: | BERKELEY | Postal Zip: | 94704 |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|-----------------------------------------------------|-----------|
| 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 | No of Containers: | 1 |
| Owner Street: | 2000 ALLSTON WAY | County: | ALAMEDA |
| Owner City: | BERKELEY | Facility State: | CA |
| Owner State: | CA | Facility Zip: | 947049998 |
| Owner Zip: | 947049998 | | |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|---------------------------------------------------------------|--------------|
| 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 |

| | | | | | | |
|-----------|---------------|-----------|----------------------|-------------------|--------------------------------------------------------------------|-----------------|
| 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: Entity Name: Entity Title: Address: City: State: Country: Zip Code: Phone: | | Identification Signer donna insalaco managing partner | | | | |
| Affil Type Desc: Entity Name: Entity Title: Address: City: State: Country: Zip Code: Phone: | | Parent Corporation western pacific | | | | |
| Affil Type Desc: Entity Name: Entity Title: Address: City: State: Country: Zip Code: Phone: | | Document Preparer donna insalaco | | | | |
| Affil Type Desc: Entity Name: Entity Title: Address: City: State: Country: Zip Code: Phone: | | Facility Mailing Address Mailing Address 2286 Shattuck Avenue Berkeley CA 94704 | | | | |
| Affil Type Desc: Entity Name: Entity Title: Address: City: State: Country: Zip Code: Phone: | | CUPA District Berkeley City Toxics Management Division 1947 Center Street, 1st Floor Berkeley CA 94704 (510) 981-7460 | | | | |

| | | | | | |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------|------------------------|
| <p><u>17</u></p> <p>Site ID: Latitude: Longitude: County:</p> | <p>1 of 2</p> <p>78873 37.867817 -122.268555 Alameda County</p> | <p>SE</p> <p>0.05 / 274.90</p> | <p>182.38 / 0</p> | <p>UNITED ARTISTS BERKELEY 7 THEATRE 2274 SHATTUCK AVE BERKELEY CA 94704</p> | <p>CERS HAZ</p> |
|---------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------|-----------------------|-------------------------------------------------------------------------------------------------|------------------------|

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 |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|-----------------------|--------------------------|------------------|-------------------------|-----------------------|------------------------------------------|-----------|
| <i>Eval Division:</i> | | | | | Berkeley City Toxics Management Division | |
| <i>Eval Program:</i> | | | | | HMRRP | |
| <i>Eval Source:</i> | | | | | CERS | |
| <i>Eval Notes:</i> | | | | | | |

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 **Longitude:** -122.268550
Program ID: 10196692 **Coord Name:**
Latitude: 37.867800 **Ref Point Type Desc:** Center of a facility or station.

| | | | | | | |
|--------------------|--------|----|---------------|------------|--------------------------------------------------------------|---------------|
| 17 | 2 of 2 | SE | 0.05 / 274.00 | 182.38 / 0 | UNITED ARTISTS BERKELEY 7 THEATRE 2274 Shattuck AVE CA | BERKELEY CUPA |
|--------------------|--------|----|---------------|------------|--------------------------------------------------------------|---------------|

Facility ID: FA0000608

Additional Information

| | |
|-------------------------------------------|----------------------------------------|
| Program Element: SW02 - STORMWATER | Postal Address: 7132 Regal Lane |
| Billing Status: 01 - ACTIVE, CUPA | Postal Address 2: |
| Owner: Regal Entertainment Group | Postal State: TN |
| City: Knoxville | Postal Zip: 37918 |
| Program Element: 4200 - HMBP | Postal Address: 7132 Regal Lane |
| Billing Status: 01 - ACTIVE, CUPA | Postal Address 2: |
| Owner: Regal Entertainment Group | Postal State: TN |
| City: Knoxville | 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 |
|------------------------------------|-------------------|-----------|------------------|----------------|------|----|
| <i>Used Oil Transfer Facility:</i> | | No | | | | |
| <i>Used Oil Processor:</i> | | No | | | | |
| <i>Used Oil Refiner:</i> | | No | | | | |
| <i>Used Oil Burner:</i> | | No | | | | |
| <i>Used Oil Market Burner:</i> | | No | | | | |
| <i>Used Oil Spec Marketer:</i> | | 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: | |

| | | | | | | |
|--------------------|--------|----|---------------|------------|------------------------------------------------------|------------------|
| 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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|-------------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
| 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.

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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: State: Country: Zip Code: Phone: | | Berkeley CA | | | | |
| Affil Type Desc: Entity Name: Entity Title: Address: City: State: Country: Zip Code: Phone: | | Identification Signer Steve Musser Sr. Compliance Director | | | | |
| Affil Type Desc: Entity Name: Entity Title: Address: City: State: Country: Zip Code: Phone: | | Document Preparer Nathan White | | | | |
| Affil Type Desc: Entity Name: Entity Title: Address: City: State: Country: Zip Code: Phone: | | Parent Corporation Target Corporate Office Headquarters | | | | |
| Affil Type Desc: Entity Name: Entity Title: Address: City: State: Country: Zip Code: Phone: | | Facility Mailing Address Mailing Address PO Box 111 Minneapolis MN 55440 | | | | |

| | | | | | | |
|--------------------|--------|-----------|----------------------|-------------------|----------------------------------------------------------------------------|-----------------|
| 18 | 7 of 7 | NE | 0.06 / 293.00 | 187.31 / 5 | TARGET STORE T3202 2187 SHATTUCK AVE BERKELEY CA 94705-0000 | RCRA LQG |
|--------------------|--------|-----------|----------------------|-------------------|----------------------------------------------------------------------------|-----------------|

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: | | BENZENE BUTANOIC 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 | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|--------------------------------|--------------------------|------------------|-------------------------|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------------------------------------------------------|--------------------------|------------------|-------------------------|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| Hazardous Waste Code: Waste Code Description: | | | | | D026 CRESOL | |
| Hazardous Waste Code: Waste Code Description: | | | | | D035 METHYL ETHYL KETONE | |
| Hazardous Waste Code: Waste Code Description: | | | | | P001 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: Waste Code Description: | | | | | P042 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE | |
| Hazardous Waste Code: Waste Code Description: | | | | | P075 NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS | |
| Hazardous Waste Code: Waste Code Description: | | | | | P081 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R) | |
| Hazardous Waste Code: Waste Code Description: | | | | | U002 2-PROPANONE (I) (OR) ACETONE (I) | |
| Hazardous Waste Code: Waste Code Description: | | | | | U034 ACETALDEHYDE, TRICHLORO- (OR) CHLORAL | |
| Hazardous Waste Code: Waste Code Description: | | | | | U035 BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL | |
| Hazardous Waste Code: Waste Code Description: | | | | | U044 CHLOROFORM (OR) METHANE, TRICHLORO- | |
| Hazardous Waste Code: Waste Code Description: | | | | | U058 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE | |
| Hazardous Waste Code: Waste Code Description: | | | | | U072 BENZENE, 1,4-DICHLORO- (OR) P-DICHLOROBENZENE | |
| Hazardous Waste Code: Waste Code Description: | | | | | U122 FORMALDEHYDE | |
| Hazardous Waste Code: Waste Code Description: | | | | | U129 CYCLOHEXANE, 1,2,3,4,5,6-HEXACHLORO-, (1ALPHA, 2ALPHA, 3BETA, 4ALPHA, 5ALPHA, 6BETA)- (OR) LINDANE | |
| Hazardous Waste Code: Waste Code Description: | | | | | U150 L-PHENYLALANINE, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) MELPHALAN | |
| Hazardous Waste Code: Waste Code Description: | | | | | U154 METHANOL (I) (OR) METHYL ALCOHOL (I) | |
| Hazardous Waste Code: Waste Code Description: | | | | | U188 PHENOL | |
| Hazardous Waste Code: Waste Code Description: | | | | | U200 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: Waste Code Description: | | | | | U201 1,3-BENZENEDIOL (OR) RESORCINOL | |
| Hazardous Waste Code: Waste Code Description: | | | | | U279 CARBARYL (OR) 1-NAPHTHALENOL, METHYLCARBAMATE | |

Hazardous Waste Handler Details

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|--------------------------------------|--------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-------------|-----------|
| 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 | | | |
| <u>Waste Code Details</u> | | | | | | |
| 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: | | BENZENE BUTANOIC 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 |
|-----------------------------|-------------------------------------------------|-----------|------------------|-------------------|--------------------|----|
| <hr/> | | | | | | |
| 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

| | | | | | | |
|--------------------|--------|----|---------------|------------|-----------------------------------------------------------------------------|---------------|
| 19 | 1 of 1 | NE | 0.06 / 304.02 | 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 |

| | | | | | | |
|--------------------|--------|-----|---------------|--------------|-----------------------------------------------------------|----------|
| 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 | Street No: |
| Type: Private | Street 1: NOT REQUIRED |
| Name: YAS | 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 |

| | | | | | | |
|--------------------|--------|----|---------------|------------|----------------------------------------|------------------|
| 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.

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 Program: HMRRP
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division

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 Type: Notice of Violation (Unified Program)
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 Program: HMRRP
Enf Action Source: CERS

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 Type: Notice of Violation (Unified Program)
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 Program: HMRRP
Enf Action Source: CERS

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.

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 | Longitude: -122.267490 |
| Program ID: 10196917 | Coord Name: |
| Latitude: 37.869840 | Ref Point Type Desc: Center of a facility or station. |

| | | | | | | |
|--------------------|--------|----|---------------|------------|----------------------------------------------------|---------------|
| 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 | Postal Address: 2163 SHATTUCK AVE |
| Billing Status: 02 - INACTIVE, NON-BILLABLE | Postal Address 2: |
| Owner: STEVE CHAN/MABEL CHAN | Postal State: CA |
| City: BERKELEY | Postal Zip: 94704 |

| | |
|----------------------------------------------------|------------------------------------------|
| Program Element: 4200 - HMBP | Postal Address: 2163 SHATTUCK AVE |
| Billing Status: 02 - INACTIVE, NON-BILLABLE | Postal Address 2: |
| Owner: STEVE CHAN/MABEL CHAN | Postal State: CA |
| City: BERKELEY | Postal Zip: 94704 |

| | | | | | | |
|--------------------|--------|---|---------------|-------------|-------------------------------------------------------------|---------------|
| 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 | Postal Address: 2180 Milvia Street |
| Billing Status: 01 - ACTIVE, CUPA | Postal Address 2: |
| Owner: City of Berkeley | Postal State: CA |
| City: Berkeley | Postal Zip: 94704 |

| | |
|---------------------------------------------|-------------------------------------------|
| Program Element: 4100 - UST FACILITY | Postal Address: 2180 Milvia Street |
| Billing Status: 01 - ACTIVE, CUPA | Postal Address 2: |
| Owner: City of Berkeley | Postal State: CA |
| City: Berkeley | Postal Zip: 94704 |

| | |
|------------------------------------------|-------------------------------------------|
| Program Element: 4200 - HMBP | Postal Address: 2180 Milvia Street |
| Billing Status: 01 - ACTIVE, CUPA | Postal Address 2: |
| Owner: City of Berkeley | 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.

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

Inspected by a certified UST service technician.

Maintain records of overfill prevention equipment inspection for 36 months.

Violations

Violation Date: 10/29/2019
Violation Program: HMRRP
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division
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 Program: HW
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division
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 Program: UST
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 Source: CERS
Violation Division: Berkeley City Toxics Management Division
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 Program: UST
Citation: 23 CCR 16 2712(b)(1)(G) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)(1)(G)
Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division
Violation Notes:

Violation Description:

Failure to comply with one or more of the following overfill prevention equipment requirements:

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|---------------------------------------------------------------------|-----------|
| 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 |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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.

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|-------------------------|--------------------------|------------------------------------------|-------------------------|-----------------------|-------------|-----------|
| 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 |
|-------------------------|-------------------|-------------------------------------|------------------|----------------|------|----|
| <hr/> | | | | | | |
| 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 | Longitude: | -122.268990 |
| Program ID: | 10132681 | Coord Name: | |
| Latitude: | 37.867702 | 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: | | Latitude: | 37.8678409 |
| CERS ID: | 10132681 | Longitude: | -122.2685623 |
| 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) | | |

| 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: | . |
| CHAPIS: | | PM10T: | 00020115392354124748490945674044265593 5614 .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 |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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.

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

Violations

Violation Date: 01/30/2019
Violation Program: HMRRP
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division

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 Program: HW
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Notes:

Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division

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 receipt 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 Type: Notice of Violation (Unified Program)
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 Program: HMRRP
Enf Action Source: CERS

Enf Action Date: 01/13/2016
Enf Action Type: Notice of Violation (Unified Program)
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 Program: HW
Enf Action Source: CERS

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,

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 cotainers 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 | | Longitude: | | -122.269690 |
| Program ID: | | 10002232 | | Coord Name: | | |
| Latitude: | | 37.870033 | | 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 | CERR Code: | |
| Facility SIC Code: | 8222 | TOGT: | .000196046 |
| CO: | 1 | ROGT: | |
| Air Basin: | SF | COT: | .000342793 |
| District: | BA | NOXT: | .003422574 |
| COID: | ALA | SOXT: | .00000392 |
| DISN: | BAY AREA AQMD | PMT: | .000060123 |
| CHAPIS: | | PM10T: | .000057718 |

2014 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: | | | |

2015 Criteria Data

| | | | |
|---------------------------|---------------|-------------------|------------|
| Facility ID: | 17864 | CERR Code: | |
| Facility SIC Code: | 8222 | TOGT: | .000402424 |
| CO: | 1 | ROGT: | .000369418 |
| Air Basin: | SF | COT: | .000703652 |
| District: | BA | NOXT: | .007025535 |
| COID: | ALA | SOXT: | .000008048 |
| DISN: | BAY AREA AQMD | PMT: | .000123414 |
| CHAPIS: | | PM10T: | .000118478 |

2015 Toxic Data

| | | | |
|---------------------------|-------|--------------|---------------|
| Facility ID: | 17864 | COID: | ALA |
| Facility SIC Code: | 8222 | DISN: | BAY AREA AQMD |

| Map Key | Number of Records | Direction | Distance (mi/ft) | Elev/Diff (ft) | Site | DB |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

| | | | | | | |
|-----------------------------|----|--|--|--|------------|--|
| 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: | 17864 | | | | CERR CODE: | |
| Facility SIC Code: | 8222 | | | | TOGT: | .000402424 |
| CO: | 1 | | | | ROGT: | .000353529484 |
| Air Basin: | SF | | | | COT: | .000703652 |
| District: | BA | | | | NOXT: | .007025535 |
| COID: | ALA | | | | SOXT: | .000008048 |
| DISN: | BAY AREA AQMD | | | | PMT: | .000123414 |
| CHAPIS: | | | | | PM10T: | .000118478 |

2016 Toxic Data

| | | | | | | |
|--------------------|---------------|--|--|--|------------|----|
| Facility ID: | 17864 | | | | TS: | |
| Facility SIC Code: | 8222 | | | | HRA: | |
| CERR CODE: | | | | | CH Index: | |
| COID: | ALA | | | | AH Index: | |
| CO: | 1 | | | | Air Basin: | SF |
| DISN: | BAY AREA AQMD | | | | District: | BA |
| CHAPIS: | | | | | | |

2018 Criteria Data

| | | | | | | |
|--------------------|---------------|--|--|--|------------|---------------------------------------------|
| Facility ID: | 17864 | | | | CERR Code: | |
| Facility SIC Code: | 8222 | | | | TOGT: | .000402337 |
| CO: | 1 | | | | ROGT: | .0003534530545 |
| Air Basin: | SF | | | | COT: | .000703466 |
| District: | BA | | | | NOXT: | .007017067 |
| COID: | ALA | | | | SOXT: | .000008632 |
| DISN: | BAY AREA AQMD | | | | PMT: | .000113233400402414486921529175050301810865 |
| CHAPIS: | | | | | PM10T: | .000112554 |

2018 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: | | | | | | |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|------------------------------------------------------------------------------|-----------|
| 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: | . |
| CHAPIS: | | | 00307377049180327868852459016393442622 |
| | | | 9508 |
| | | 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 | Street No: | |
| Type: | Other | Street 1: | 333 E 8TH ST |
| Name: | CARRIE BURDICK | Street 2: | RISK MANAGEMENT DEPARTMENT |
| Date Became Current: | | City: | OAKLAND |
| Date Ended Current: | | State: | CA |
| Phone: | 510-466-7240 | Country: | |
| Source Type: | Implementer | Zip Code: | 94606 |
| Owner/Operator Ind: | Current Owner | Street No: | |
| Type: | Other | Street 1: | 333 E 8TH ST |
| Name: | PERALTA COMMUNITY COLLEGE DISTRICT | Street 2: | |
| Date Became Current: | | 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.

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 Kimberly 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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 | Longitude: | -122.269010 |
| Program ID: | 10660327 | Coord Name: | |
| Latitude: | 37.869960 | 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 | Postal Address: | |
| Billing Status: | 02 - INACTIVE, NON-BILLABLE | Postal Address 2: | |
| Owner: | YUNSI LIANG | Postal State: | CA |
| City: | BERKELEY | 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 |

| | | | | | | |
|--------------------|--------|----|------------------|---------------|-------------------------------------------------------------------|-----------------|
| 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 |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|------------------------------------------|---------------|
| 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 | Postal Address: | 6611 HILLCREST AVENUE #100 |
| Billing Status: | 02 - INACTIVE, NON-BILLABLE | Postal Address 2: | |
| Owner: | SNK CAPTEC ARPEGGIO, LLC | Postal State: | TX |
| City: | DALLAS | Postal Zip: | 75205 |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|----------------------------------------------------------------------|------------------|
| 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 | Postal Address: | PO Box 879 |
| Billing Status: | 02 - INACTIVE, NON-BILLABLE | Postal Address 2: | |
| Owner: | Nate Rey | Postal State: | CA |
| City: | EI Granada | Postal Zip: | 94018 |

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|---------------------------------------------------------|----------|
| 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

El ID: 10602652 El Description: Chemical Storage Facilities

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: 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 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:

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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:

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 Program: HMRRP
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Notes:

Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division

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 Program: HMRRP
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division

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 Type: Notice of Violation (Unified Program)
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 Program: HMRRP
Enf Action Source: CERS

Enf Action Date: 05/22/2014
Enf Action Type: Notice of Violation (Unified Program)
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 Program: HMRRP
Enf Action Source: CERS

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.

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|---------------------------|--------------------------|------------------------------------------|-------------------------|-----------------------|-------------|-----------|
| 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: Allannah 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 |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|

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 |
| <u>2016 Toxic Data</u> | | | | | | |
| 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: | | | | | | |
| <u>2017 Criteria Data</u> | | | | | | |
| 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 |
| <u>2017 Toxic Data</u> | | | | | | |
| 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: | | | | | | |
| <u>2018 Criteria Data</u> | | | | | | |
| 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 |
| <u>2018 Toxic Data</u> | | | | | | |
| 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 |
|---------|-------------------|-----------|------------------|----------------|------|----|
|---------|-------------------|-----------|------------------|----------------|------|----|

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--------------------------------------------------------------------------|-----------|
| 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; - Address level accuracy. | |
| Geocode Status Desc: | | | | | | |
| Hydrogen Status Link: | | | | | | |

| | | | | | | |
|--------------------|--------|----|---------------|-------------|-------------------------------------------------------|-----------|
| 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: | | | |

| | | | | | | |
|--------------------|--------|----|---------------|-------------|---------------------------------------------------------------------------------|----------|
| 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 |
|---------------|----------|------------------------|-----------------------------|

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

Violations

Violation Date: 04/15/2019
Violation Program: HMRRP
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division

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 Program: HMRRP
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division

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 Program: HMRRP
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Notes:

Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division

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 Program: HMRRP
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Violation Source: CERS
Violation Division: Berkeley City Toxics Management Division

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 Rapid 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 | | | Longitude: | -122.268021 | |
| Program ID: | 10196518 | | | Coord Name: | | |
| Latitude: | 37.870056 | | | 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 | Street No: | |
| Type: | Municipal | Street 1: | 2180 MILVIA ST |
| Name: | CITY OF BERKELEY | Street 2: | |
| Date Became Current: | | City: | BERKELEY |
| Date Ended Current: | | State: | CA |
| Phone: | 510-644-6630 | Country: | |
| Source Type: | Notification | Zip Code: | 94704 |

| | | | | | | |
|--------------------|--------|-----|---------------|--------------|-------------------------------------------------------|------------------|
| 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 | Postal Address: | 2180 Milvia Street |
| Billing Status: | 01 - ACTIVE, CUPA | Postal Address 2: | |
| Owner: | City of Berkeley | Postal State: | CA |
| City: | Berkeley | Postal Zip: | 94704 |
| Program Element: | 4200 - HMBP | Postal Address: | 2180 Milvia Street |
| Billing Status: | 01 - ACTIVE, CUPA | Postal Address 2: | |
| Owner: | City of Berkeley | Postal State: | CA |
| City: | Berkeley | Postal Zip: | 94704 |

| | | | | | | |
|--------------------|--------|-----|---------------|--------------|--------------------------------------------------------------------------|----------|
| 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 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: | | | |

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 |
|----------------|-------------------|-----------|------------------|----------------|------|----|
| 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 |
|----------------------------------|-------------------|-----------|------------------|----------------|-------------------|----------------|
| <u>2016 Criteria Data</u> | | | | | | |
| 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 |
| <u>2016 Toxic Data</u> | | | | | | |
| 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: | | | | | | |
| <u>2017 Criteria Data</u> | | | | | | |
| 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 |
| <u>2017 Toxic Data</u> | | | | | | |
| 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: | | | | | | |
| <u>2018 Criteria Data</u> | | | | | | |
| 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 |
| <u>2018 Toxic Data</u> | | | | | | |
| 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 /
409.12170.66 /
-12CITY OF BERKELEY
2180 MILVIA ST
BERKELEY CA 94704RCRA
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 | Street No: | |
| Type: | Other | Street 1: | 1947 CENTER ST |
| Name: | SAMANTHA MALANCHE | Street 2: | 4TH FLOOR - PUBLIC WORKS |
| Date Became Current: | | City: | BERKELEY |
| Date Ended Current: | | State: | CA |
| Phone: | 510-981-6337 | Country: | |
| Source Type: | Implementer | 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 | |

[35](#) 1 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: 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
Type: Other
Name: 2105 BANCROFT FEE OWNER CA, LLC
Date Became Current:
Date Ended Current:
Street No:
Street 1: 2105 BANCROFT WAY
Street 2:
City: BERKELEY
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 | |

[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:

[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: 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: EV Pricing French: EV on Site Renewable Source: LPG Primary: LPG Primary Desc: Intersection Directions: Geocode Status Desc: Hydrogen Status Link: | | | | | Station Phone: 888-758-4389 Latitude: 37.870544 Longitude: -122.27004 | |
| | | \$1.5 per hour | | | | |
| | | CENT 2 RED 13 | | | | |
| | | The location is from a real GPS readout at the station. | | | | |

| | | | | | |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------|---------------------------------------------------------------------------------|-------------|
| 38 Global ID: Status: Status Date: Case Type: Date Source: | 1 of 1 T0600100071 COMPLETED - CASE CLOSED 5/12/1994 LUST CLEANUP SITE LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download | ENE 0.08 / 442.87 | 191.82 / 9 | AMERICAN RED CROSS 2116 ALLSTON WY BERKELEY CA 94704 | LUST |
|----------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|-------------------|---------------------------------------------------------------------------------|-------------|

| | | | |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------|
| Global ID: Status: Status Date: Case Type: Date Source: | T0600100071 COMPLETED - CASE CLOSED 5/12/1994 LUST CLEANUP SITE LUST Cleanup Sites from GeoTracker Search; LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download | County: Latitude: Longitude: | ALAMEDA 37.869448 -122.267227 |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------|

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

| | | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| RB Case No: Local Case No: Begin Date: Lead Agency: Local Agency: CUF Case: Potential Media of Concern: How Discovered Description: Calwater Watershed Name: DWR GW Subbasin Name: Disadvantaged Community: Site History: | 01-0078 01-0078 6/17/1991 BERKELEY, CITY OF BERKELEY, CITY OF NO Other Groundwater (uses other than drinking water) Bay Bridges - Berkeley (203.30) Santa Clara Valley - East Bay Plain (2-009.04) | Potential COC: How Discovered: Stop Method: Stop Description: Case Worker: File Location: | Diesel Tank Closure GAF |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Activity(as Nov 16 2020)

| | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Action Type: Date : Action: Action Type: Date : Action: Action Type: Date : Action: Action Type: Date : Action: | ENFORCEMENT 5/12/1994 Closure/No Further Action Letter Other 6/17/1991 Leak Reported Other 6/17/1991 Leak Discovery Other 6/17/1991 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 | | | | 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)

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:
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:

| | | | | | | |
|--------------------|--------|----|---------------|--------------|--------------------------------------------------------------------------|-----------------|
| 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 |

| | | | | | | |
|--------------------|--------|----|---------------|--------------|--------------------------------------------------------|---------------|
| 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 | Street No: |
| Type: State | Street 1: 317 UNIVERSITY HALL |
| Name: REGENTS OF THE UNIVERSITY OF CA | Street 2: MC 1150 |
| Date Became Current: 19740101 | City: BERKELEY |
| Date Ended Current: | State: CA |
| Phone: | Country: US |
| Source Type: Notification | Zip Code: 94720 |

| | |
|---------------------------------------------|-------------------|
| Owner/Operator Ind: Current Operator | Street No: |
| Type: State | Street 1: |
| Name: UC BERKELEY | Street 2: |
| Date Became Current: 19740101 | City: |
| Date Ended Current: | State: |
| Phone: | Country: |
| Source Type: Notification | Zip Code: |

| | |
|----------------------------------------------|--------------------------------------|
| Owner/Operator Ind: Current Owner | Street No: |
| Type: State | Street 1: 317 UNIVERSITY HALL |
| Name: REGENTS OF THE UNIVERSITY OF CA | Street 2: MC 1150 |
| Date Became Current: 19740101 | City: BERKELEY |
| Date Ended Current: | State: CA |
| Phone: | Country: US |
| Source Type: Temporary | Zip Code: 94720 |

| | |
|---------------------------------------------|-------------------|
| Owner/Operator Ind: Current Operator | Street No: |
| Type: State | Street 1: |
| Name: UC BERKELEY | Street 2: |
| Date Became Current: 19740101 | City: |
| Date Ended Current: | State: |
| Phone: | Country: |
| Source Type: Temporary | 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 /
494.06190.06 /
7UNIVERSITY OF CALIFORNIA
BERKELEY, BANWAY BUILDING
2111 BANCROFT WAYRCRA
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 | Street No: |
| Type: Other | Street 1: 317 UNIVERSITY HALL, MC 1150 |
| Name: GREG HAET | Street 2: |
| Date Became Current: | City: BERKELEY |
| Date Ended Current: | State: CA |
| Phone: 510-642-3073 | Country: |
| Source Type: Implementer | Zip Code: 94720-1150 |
| Owner/Operator Ind: Current Owner | Street No: |
| Type: Other | Street 1: 317 UNIVERSITY HALL, MC 1150 |
| Name: UNIVERSITY OF CALIFORNIA, BERKELEY | Street 2: |
| Date Became Current: | City: BERKELEY |
| Date Ended Current: | State: CA |
| Phone: 510-642-3073 | Country: |
| Source Type: Implementer | 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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|-----------------------------------------------|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-----------------------|-------------|-----------|
| Handler Name: | | U C BERKELEY C E B GRAPHICS | | | | |
| Federal Waste Generator Code: | | 2 | | | | |
| Generator Code Description: | | Small Quantity Generator | | | | |
| Source Type: | | Notification | | | | |
| <u>Waste Code Details</u> | | | | | | |
| 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. | | | | |
| <u>Hazardous Waste Handler Details</u> | | | | | | |
| 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 | | | | |
| <u>Waste Code Details</u> | | | | | | |
| 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 |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
| <u>Hazardous Waste Handler Details</u> | | | | | | |
| 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 | | | | | |
| <u>Waste Code Details</u> | | | | | | |
| 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 | | | | | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|--------------------------------|--------------------------|------------------|-------------------------|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| 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-[[AMINOCARBONYLOXY]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: | | | | | BENZENE BUTANOIC 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 | |

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</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: | | | 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) | | | |
| <u>Hazardous Waste Handler Details</u> | | | | | | |
| 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 | | | |
| <u>Waste Code Details</u> | | | | | | |
| 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: | | | | | | |
| Phone: | 510-549-1954 | | | | State: CA | |
| Source Type: | Annual/Biennial Report update with Notification | | | | Country: | |
| | | | | | Zip Code: 94704 | |
| Owner/Operator Ind: | | | | | | |
| Type: | Current Operator | | | | Street No: | |
| Name: | Private | | | | Street 1: | |
| Date Became Current: | LONGS DRUG STORES CALIFORNIA LLC | | | | Street 2: | |
| Date Ended Current: | 20081022 | | | | City: | |
| Phone: | | | | | State: | |
| Source Type: | Notification | | | | Country: US | |
| | | | | | Zip Code: | |
| Owner/Operator Ind: | | | | | | |
| Type: | Current Owner | | | | Street No: | |
| Name: | Private | | | | Street 1: 2278 SHATTUCK AVE | |
| Date Became Current: | LB REDDY ESTATE CO | | | | Street 2: | |
| Date Ended Current: | 20030319 | | | | City: BERKELEY | |
| Phone: | 510-549-1954 | | | | State: CA | |
| Source Type: | Notification | | | | Country: US | |
| | | | | | 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
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: LONGS DRUG STORES CA, INC.
City: WALNUT CREEK
Postal Address: 141 N. CIVIC DRIVE
Postal Address 2:
Postal State: CA
Postal Zip: 94596

Program Element: 4200 - HMBP
Billing Status: 02 - INACTIVE, NON-BILLABLE
Owner: LONGS DRUG STORES CA, INC.
City: WALNUT CREEK
Postal Address: 141 N. CIVIC DRIVE
Postal Address 2:
Postal State: CA
Postal Zip: 94596

| | | | | | | |
|--------------------|--------|-----|---------------|-------------|--------------------------------------------------------------|----------|
| 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:

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 separate building. Waste is properly stored and separated 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 worth 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 LQG, instructed to recalculate/revise for the 2017 reporting period by march 1st. 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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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

| <i>Map Key</i> | <i>Number of Records</i> | <i>Direction</i> | <i>Distance (mi/ft)</i> | <i>Elev/Diff (ft)</i> | <i>Site</i> | <i>DB</i> |
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|
|----------------|--------------------------|------------------|-------------------------|-----------------------|-------------|-----------|

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 |

| | | | | | | |
|--------------------|--------|------------|----------------------|-------------------|----------------------------------------------------------------------------------|-------------------------|
| 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 | Street No: | |
| Type: | Other | Street 1: | 2140 SHATTUCK AVE, STE. 205 |
| 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: | 94704-1210 |

| | | | |
|-----------------------------|--------------------------|-------------------|--------------------|
| Owner/Operator Ind: | Current Owner | Street No: | |
| Type: | Other | Street 1: | 2140 SHATTUCK AVE. |
| Name: | BOLLIBOKKA SHATTUCK, LLC | Street 2: | |
| Date Became Current: | | City: | BERKELEY |
| Date Ended Current: | | State: | CA |
| Phone: | 510-549-6320 | Country: | |
| Source Type: | Implementer | 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

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail(as Nov 16 2020)

| | | | |
|------------------------------------|------------------------------------------------|--------------------------|--------------|
| RB Case No: | 01-1110 | Potential COC: | Diesel |
| Local Case No: | 01-1110 | How Discovered: | Tank Closure |
| Begin Date: | 12/24/1985 | 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: | 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: | | | |

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 | 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: | 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 | Potential COC: | DIESEL |
| Site Facility Type: | LUST CLEANUP SITE | Facility Type: | |
| Cleanup Status: | COMPLETED - CASE CLOSED | Composting Method: | |
| Project Status: | | Address: | 2116 BANCROFT WY |
| WDR Place Type: | | City: | BERKELEY |
| WDR File: | | Zip: | 94704 |
| 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=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>

| | | | | | | |
|--------------------|---------|----|---------------|------------|----------------------------------------------------|---------------|
| 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 | 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 |

| | | | | | | |
|--------------------|---------|----|---------------|------------|------------------------------------------------------|---------------|
| 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 | Postal Address: | 1290 SE 38TH STREET |
| Billing Status: | 02 - INACTIVE, NON-BILLABLE | Postal Address 2: | |
| Owner: | T-MOBILE WEST CORPORATION | Postal State: | WA |
| City: | BELLEVUE | Postal Zip: | 98006 |

| | | | | | | |
|--------------------|---------|----|---------------|------------|----------------------------------------------------|---------------|
| 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 | Postal Address: | 308 S. Akard St., 17th Floor |
| Billing Status: | 02 - INACTIVE, NON-BILLABLE | Postal Address 2: | |
| Owner: | New Cingular Wireless PCS, LLC dba AT&T Mobility | Postal State: | TX |
| City: | Dallas | Postal Zip: | 75202 |

| | | | | | | |
|--------------------|---------|----|---------------|------------|----------------------------------------------------|---------------|
| 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 | 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 |

| 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** **UST**
2116 Bancroft Way
Berkeley CA 94704

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** **EMISSIONS**
2116 BANCROFT WAY
BERKELEY CA 94704

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 |
|---------|-------------------|-----------|------------------|----------------|------|
|---------|-------------------|-----------|------------------|----------------|------|

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