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By Alameda County Environmental Health 10:47 am, Aug 16, 2017

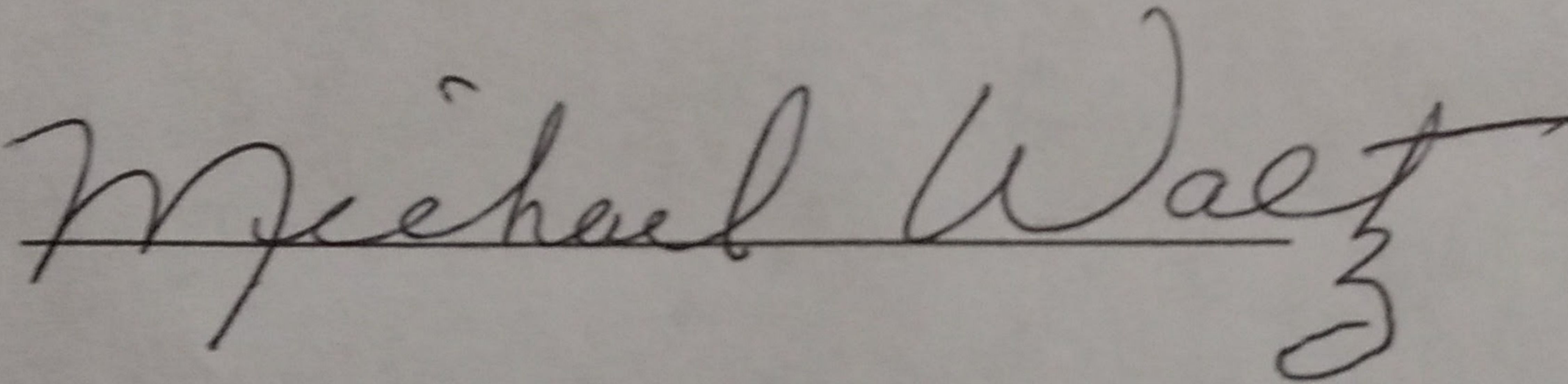
August 11, 2017

Ms. Karel Detterman  
Alameda County Health Care Services Agency  
1131 Harbor Bay Parkway, Suite 250  
Alameda, CA 94502-6577

I, Michael Waltz, hereby authorize ERAS Environmental, Inc. to submit the Addendum Workplan for Subsurface Investigation for 1814-1818 Everett Street & 2514-2516 Clement Avenue, Alameda, California, dated August 11, 2017, to the Alameda County Health Care Services Agency.

"I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to ACDEH's FTP server and the SWRCB's GeoTracker website."

Signature:



Printed Name: Michael Waltz

Mr. Michael Waltz  
Michael J. Waltz Trust  
(510) 566-0586  
f40racer@aol.com





Environmental, Inc.

1533 B Street

Hayward, CA 94541

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(510) 247-9885 Facsimile: (510) 886-5399

[info@eras.biz](mailto:info@eras.biz)

August 11, 2017

Mr. Michael Waltz  
Michael J. Waltz Trust  
9524 West Cottonwood Drive  
Sun City, Arizona 85373

**Subject: Addendum to Work Plan for  
Limited Phase II Subsurface Investigation  
1814 Everett Street, Alameda, California  
Alameda County Site R00003193**

Dear Mr. Waltz,

The following is an addendum to the work plan for the subject site (the "Property") that was dated March 4, 2016. The purpose of this addendum is to add to the information that has been obtained to date and to propose work to provide additional information required to evaluate contaminants found in one area of the Property. The location of the subject site is shown on **Figure 1**.

The work proposed in this addendum is in response to the letter from Ms. Karel Detterman of the Alameda County Environmental Health Department (ACEHD) in the letter dated June 9, 2017.

## **Background**

ERAS performed a subsurface investigation at the Property and the results were presented in a report dated August 16, 2016. The investigation included 1) drilling of four borings around a former gasoline underground storage tank (UST), 2) two borings in the area of a former underground lift and waste oil UST and 3) two borings near two former hydraulic lifts in the Painting Prep Area. The locations of the previous borings on shown on **Figure 2**.

The June 9, 2017 letter indicated that based on the results of previous investigations, the UST areas were sufficiently characterized and those areas would be granted case closure under the Low Threat Case Closure Policy (LTCP) guidelines. The floor drain in the Prep Area does not meet the LTCP guidelines.

## Work Plan

As requested in the June 9, 2017 letter, the following are the tasks to be performed.

### 1) Utility Survey

Prior to additional subsurface sampling, ERAS will subcontract an underground utility locator to map the utility lines in the Prep room area. In the Prep Area are two floor drains, and drains for a rest room sink, toilet, utility sink and washing machine drain. Water lines and sewer lines are present.

A magnetometer will be used that can detect buried metal lines. Lines that are stubbed up above the surface can be charged with a low frequency electrical current to trace them. Non-metal lines such as sewer lines will be opened where possible and a metal probe inserted to enable tracing of the lines. The location and depths of the utility lines will be shown on a map included in the final report of the investigation.

### 2) Define the Lateral and Vertical Extent of TPH in Soil and Groundwater

Elevated concentrations of petroleum hydrocarbons have been detected in the borings B-7 and B-8 drilled in the area of the floor drain. Three step-out soil borings will be drilled in the locations shown on **Figure 3**. The purpose of the soil borings is to assess the extent of petroleum hydrocarbons (TPH-gro, TPH-dro, TPH-oro) in soil and groundwater.

Groundwater was encountered in previous borings at depths of approximately 6 feet below ground surface (bgs).

### 3) Soil and Groundwater Sample Collection and Analyses

Selected soil samples will be collected for laboratory analysis from the 0-5 foot and 5-10-foot depth intervals. Samples will be collected from the groundwater interface, at lithologic changes and from areas of obvious impact with the objective to characterize the vertical and lateral extent.

All soil and groundwater samples will be analyzed for the following:

- Total petroleum hydrocarbons quantified as gasoline range organics (TPH-gro), diesel range organics (TPH-dro) and oil range organics (TPH-oro) by EPA Method 8015 Modified
- Volatile organic compounds (VOCs) including naphthalene by EPA Method 8260B
- Semi-volatile organic compounds (SVOCs) by EPA Method 8270 Selected Ion Monitoring (SIM) mode

Soil boring logs will be included in the final report of the investigation. The logs will include field information including photo-ionization detector (PID) readings and observed depths to

groundwater, both during and after drilling.

The results of the investigation, including the results of the utility location survey, soil boring and sampling and laboratory analyses will be included in a final report. Laboratory results will be compiled on the existing data tables for the Property.

The report will also provide an analysis of the investigation area in relation to the LTCP criteria to evaluate data gaps that may be necessary to complete the case closure.

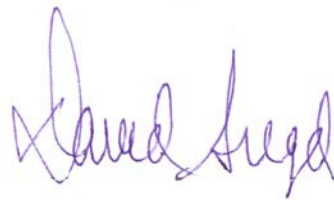
### References

Alameda County Health Care Services Agency, Department of Environmental Health, Fuel Leak Case, RO 00003193 and GeoTracker Global ID T10000007934, Letter dated June 9, 2017.

ERAS Environmental, Inc., Limited Phase II Subsurface Investigation, 1814-1818 Everett Street and 2514-2516 Clement Avenue, Alameda, California, August 16, 2016.

Please contact us if you have any questions regarding the information contained in the work plan or in this addendum.

Sincerely,  
ERAS Environmental, Inc.

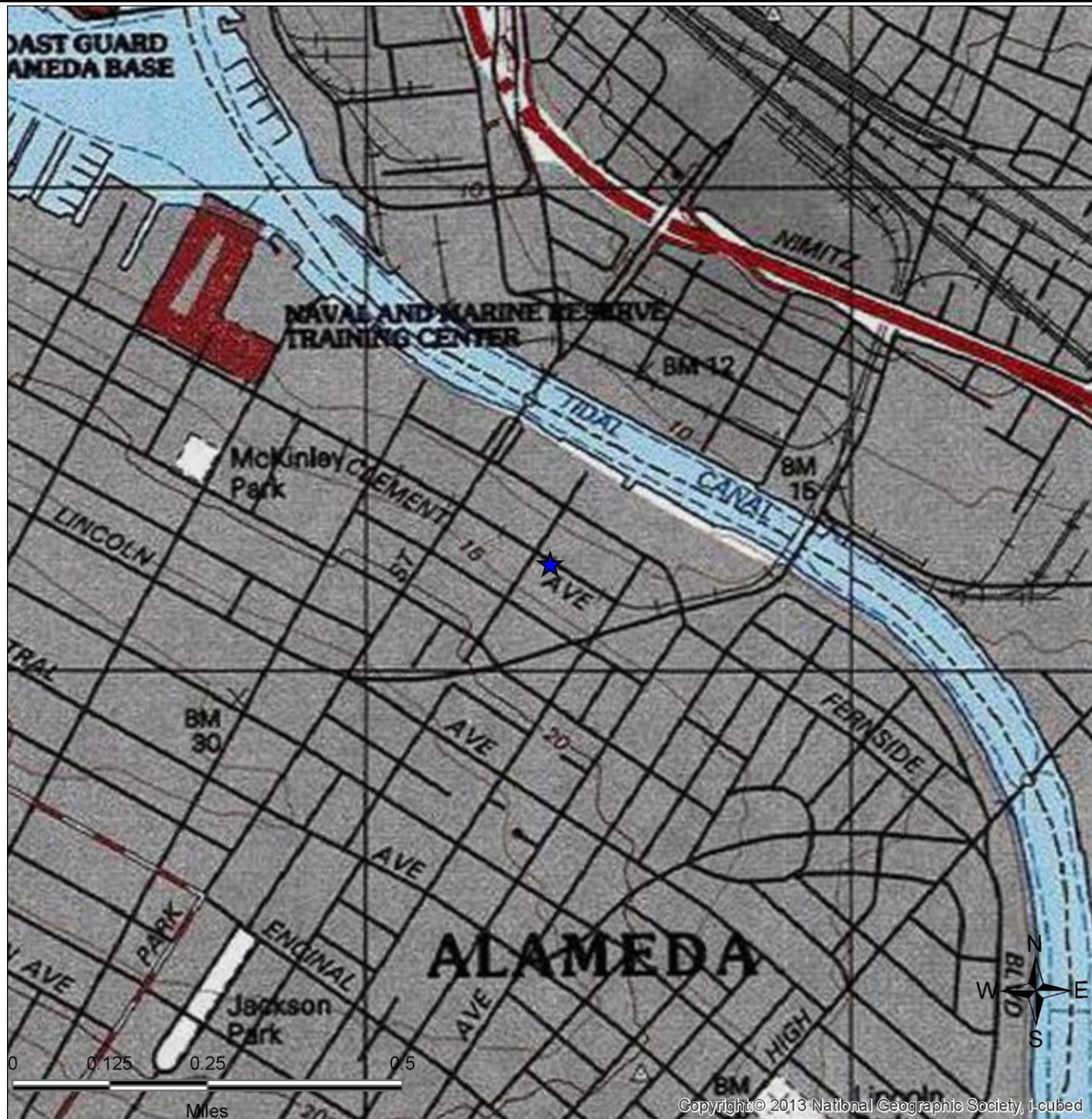


Curtis Payton  
California Registered Professional Geologist 5608

David Siegel  
Senior Program Manager

Attachment A      Figure 1 - Site Location Topographic Map  
                             Figure 2 – Boring Location Map  
                             Figure 3 – Prep Area Map

## **Attachment A**



**SITE LOCATION TOPOGRAPHIC MAP**

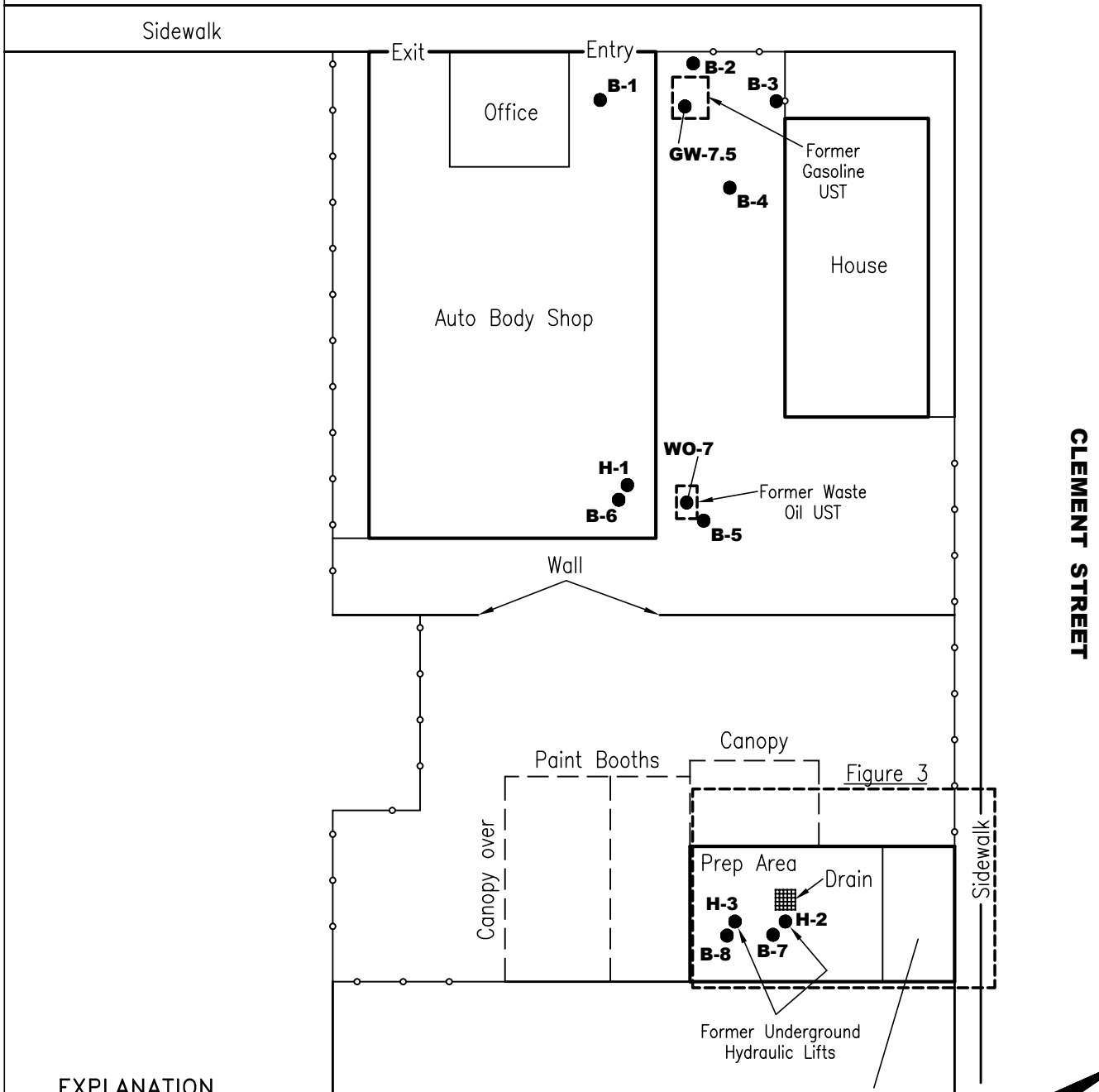
U.S. Geological Survey. Oakland East Quadrangle, 7.5 Minute Series

ERAS Environmental, Inc.

1814 Everett St.  
Alameda, CA

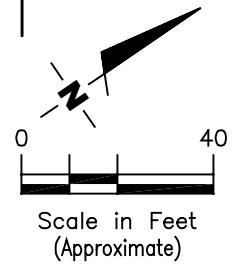
FIGURE: 1  
JOB: 15095  
DATE: 5/7/2015

**EVERETT STREET**



**EXPLANATION**

- Pervious sample locations
- B- Boring location



**BORING LOCATION MAP**

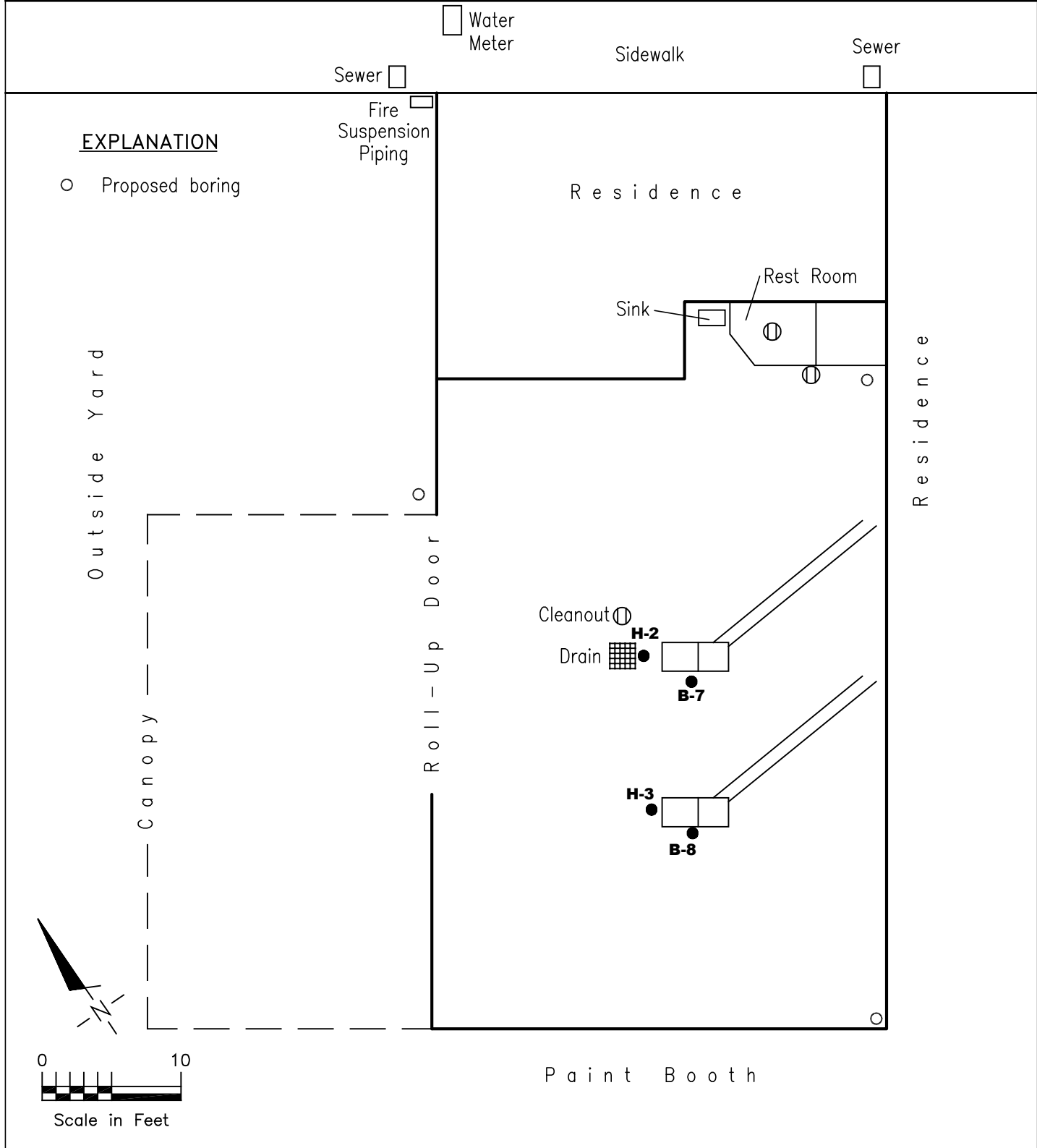
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08/08/2017  
REVIEWED BY  
DS/AS

1814-1818 Everett St./2514-2516 Clement St.  
Alameda, California

JOB NUMBER  
16-001-0005  
FIGURE  
2

**ERAS Environmental Inc.**

**CLEMENT STREET**



**PREP AREA MAP**

DATE  
08/08/2017  
REVIEWED BY  
DS/AS

1814-1818 Everett St./2514-2516 Clement St.  
Alameda, California

JOB NUMBER  
16-001-005  
FIGURE  
3

**ERAS Environmental Inc.**