

W. A. CRAIG, INC.
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Contractor and Hazardous Substances License #455752
Cal/OSHA Statewide Annual Excavation Permit #559351
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October 4, 1996

Mr. Roger Kennedy
Fire Chief
City of Pleasanton
P.O. Box 520
Pleasanton, California 94566

Subject: REVISED WORKPLAN - Subsurface Investigation Project No. 3620-2
Fire Station No. 3
3200 Santa Rita Road
Pleasanton, California

Dear Mr. Kennedy:

W.A. Craig, Inc., (WAC) is pleased to present this Revised Workplan for a Subsurface Investigation in the location of two former underground storage tanks (USTs) at Fire Station 3, 3200 Santa Rita Road (site), in Pleasanton, California (Figure 1). One diesel UST and one gasoline UST were excavated and removed from the site by WAC on September 12, 1996.

BACKGROUND

Soil samples were collected from the excavation floor and sidewall following removal of the USTs (Figure 2). One sample was collected below the gasoline tank at a depth of approximately 9.5 feet below ground surface (bgs). The other sample was collected from the south sidewall of the excavation at an approximate depth of 4 feet bgs. Two soil samples were collected from approximately 20 cubic yards of soil that were excavated and stockpiled during the UST removal. The soil sample locations are indicated on the attached site sketch. Soil sample analytical results reported 150 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as gasoline (TPH-g) and 2800 mg/kg total petroleum hydrocarbons as diesel (TPH-d) in the soil sample collected from 4 feet bgs, and 1.8 mg/kg TPH-g and 29 mg/kg TPH-d in the sample collected from 9.5 feet bgs.

RECEIVED

OCT 10 1996

PLEASANTON FIRE DEPARTMENT

SOIL EXCAVATION

WAC will over-excavate the sidewalls and the bottom of the former UST excavation in an attempt to remove any remaining soil containing petroleum hydrocarbons. Excavation will be continued to approximately 10 feet bgs and extended laterally until all visible and olfactory indications of petroleum hydrocarbon impacted soil have been removed. We anticipate that one day will be required to complete the excavation and up to 100 cubic yards of soil will be excavated. Excavated soil will be stockpiled on, and covered with, plastic sheeting.

SOIL SAMPLE COLLECTION AND ANALYSIS

Soil samples will be collected from each of the sidewalls (one for each 20 lineal feet) and the floor of the excavation (one for each 400 square feet) by driving a 6-inch brass tube into the soil. We anticipate that six soil samples will be collected from the excavation. If the excavation cannot be entered safely, soil will be recovered from the appropriate locations with the backhoe and a sample will be collected from the soil contained in the backhoe bucket. The tube ends will be covered with Teflon sheeting, capped, labeled and placed in an ice chest. Samples will be transported under chain-of-custody control to a state-certified laboratory for analyses. Four soil samples will be collected from the soil stockpile, and composited in the laboratory for one analysis. All soil samples will be analyzed for TPH-g, TPH-d, BTEX and methyl tertiary butyl ether (MTBE).

STOCKPILE MANAGEMENT

Soil removed from the former UST excavation will be stockpiled on-site, on plastic sheeting and covered with plastic sheeting. One soil sample for each 20 cubic yards of stockpiled soil will be collected and analyzed as described above. Following our review of the stockpile analytical results, the stockpiled soil, and the soil presently stockpiled at Fire Station #1, will be hauled to an appropriate landfill for disposal.

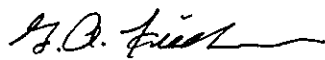
REPORT PREPARATION

Following our evaluation of the soil sample analytical results, WAC will prepare a written report detailing the methods and procedures used and presenting our conclusions and recommendations regarding site conditions and documenting the disposal of all stockpiled material.

Closure

We appreciate this opportunity to be of service to you on this project. If you have any questions regarding this Workplan, please give me a call at (707) 252-3353.

Sincerely,
W.A. Craig, Inc.,

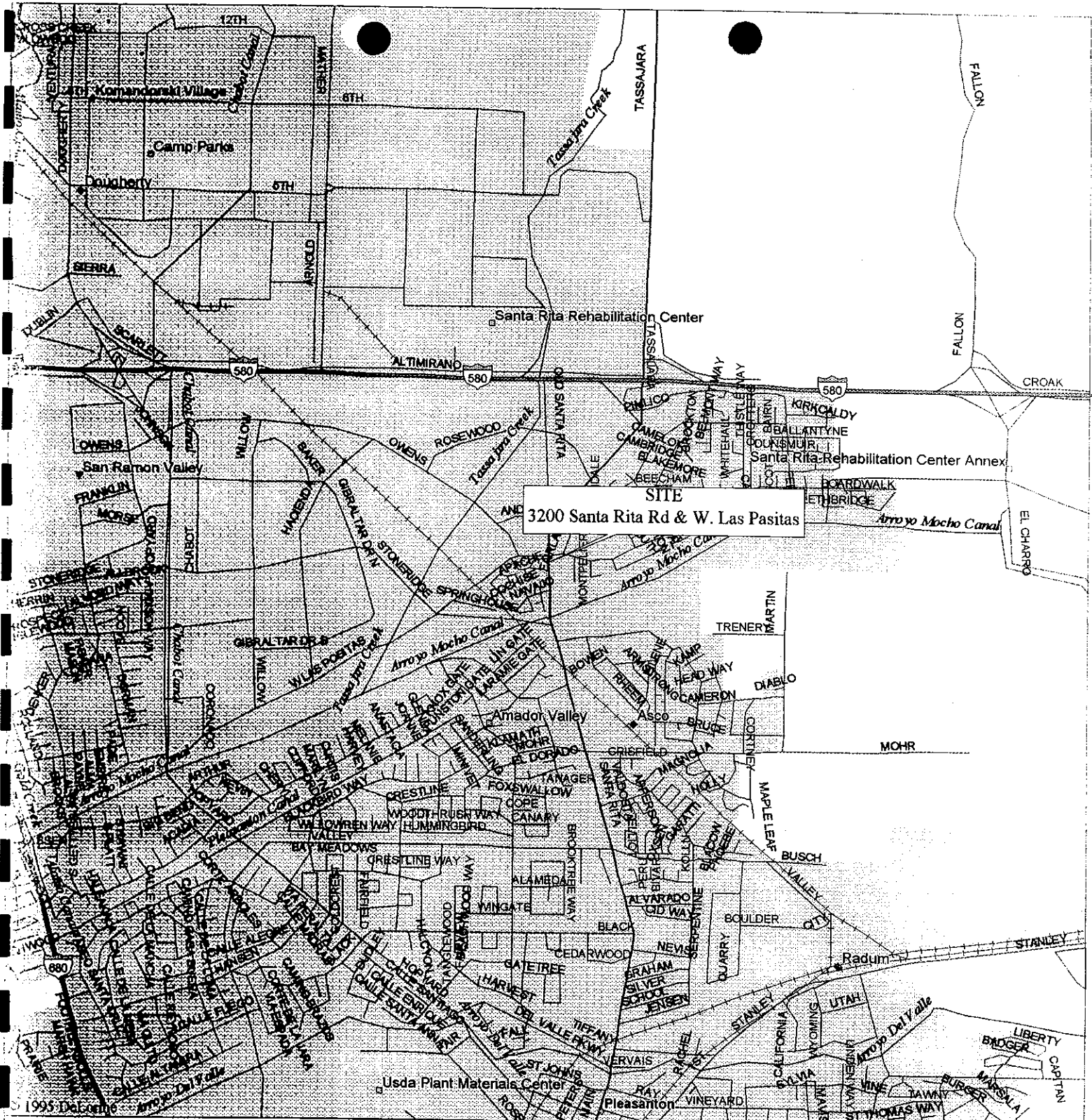

Geoffery A. Fiedler, R.G.
Principal Geologist



Attachments: Figure 1 - Location Map
Figure 2 - Site Plan

cc: Chris Boykin, City of Pleasanton, Hazardous Materials Division

USTWP.WPD



Mag 14.00
Thu Sep 26 13:52 1996

Scale 1:31,250 (at center)
2000 Feet



Project No. 3620.2
September 1996

SITE LOCATION MAP
Pleasanton Fire Department Station #3
3200 Santa Rita Road
Pleasanton, CA

Figure 1

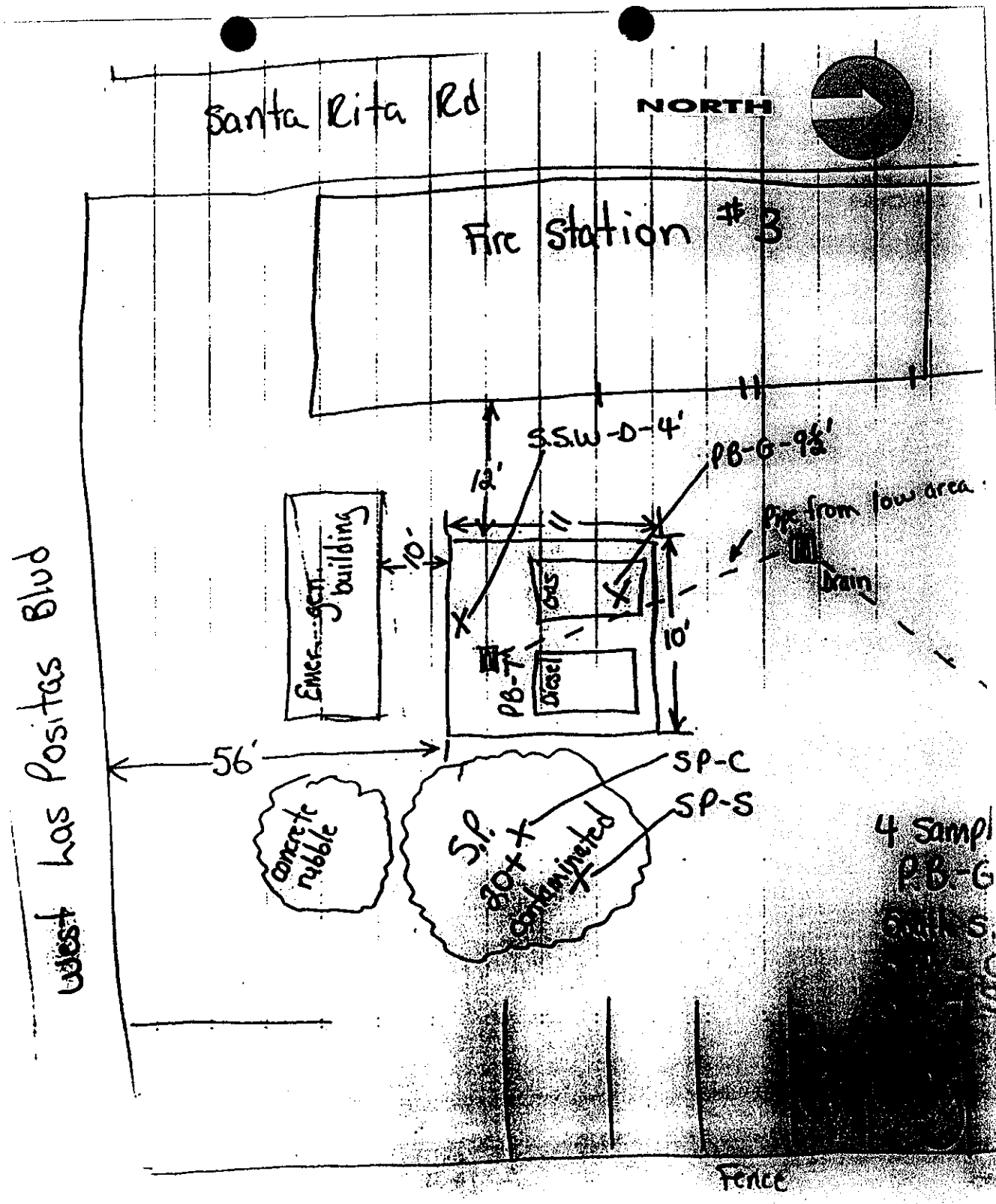
Checked by:



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Site Plan
 Pleasanton Fire Department Station #3
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Figure 2