

# P & D ENVIRONMENTAL

A Division of Paul H. King, Inc.

4020 Panama Court

Oakland, CA 94611

(510) 658-6915

ENVIRONMENTAL  
PROTECTION

February 7, 2000

Work Plan 0221.W2

00 FEB -8 PM 2: 28

Mr. Scott Seery  
Alameda County Department of Environmental Health  
1131 Harbor Parkway  
Alameda, CA 94502

SUBJECT: SUBSURFACE INVESTIGATION WORK PLAN  
Lands of Chiu and Chang  
2497 and 2507 Grove Way  
Castro Valley, California



Dear Mr. Seery:

P&D Environmental, a division of Paul H. King, Inc. (P&D), is pleased to present this work plan for the drilling of two soil borings and the collection of one soil and one groundwater sample from each boring at the subject site. The two soil and groundwater samples will be collected to further determine the extent of petroleum hydrocarbons in soil and groundwater in the vicinity of the former UST system at the subject site. A Site Plan showing the proposed boring locations is attached as Figure 1.

All work will be performed under the direct supervision of an appropriately registered professional. This work plan is prepared in accordance with guidelines set forth in the document "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites" dated August 10, 1990 and "Appendix A - Workplan for Initial Subsurface Investigation" dated August 20, 1991.

## CURRENT SUBSURFACE INVESTIGATION STATUS

On December 9 and 10, 1999 P&D personnel collected soil and groundwater samples from 12 soil borings at the subject site. The work was performed in accordance with P&D's Work Plan 0221.W1 dated November 18, 1999. The soil and groundwater sample results showed that elevated concentrations of petroleum hydrocarbons were detected only in borehole B6, located to the southeast of the former fuel system dispenser.

Based upon review of the sample concentrations in borehole B6 by Alameda County Department of Environmental Health (ACDEH) and San Francisco Bay Regional Water Quality Control Board personnel, benzene concentrations warrant either remediation or a deed notification for the property. However, prior to implementation of remediation or a deed notification, it is necessary to demonstrate that the extent of contamination is limited to the immediate vicinity of borehole B6. Based upon our recent conversations, P&D recommends drilling two soil borings to the southeast of borehole B6.

The results of this additional investigation will be submitted with the report documenting the initial 12 borings. The proposed boring locations are shown on Figure 1.

SCOPE OF WORK

In order to collect soil and groundwater samples, P&D will perform the following tasks:

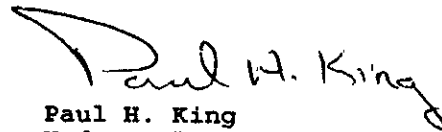
- o Regulatory agency coordination, including permitting for drilling of two soil borings.
- o Health and safety plan preparation.
- o Client and contractor (driller and laboratory) coordination.
- o Soil boring oversight.
- o Collection of one soil sample and one groundwater sample from each borehole.
- o Arrange for sample analysis.
- o Report preparation documenting collection of soil and groundwater samples and the laboratory analytical results.

P&D proposes to perform these tasks in accordance with Work Plan 0221.W1, dated November 18, 1999 which set forth procedures for the subsurface investigation performed on December 9 and 10, 1999 at the subject site.

Should you have any questions, please do not hesitate to contact us at (510) 658-6916.

Sincerely,

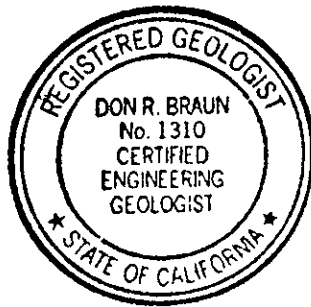
P&D Environmental



Paul H. King  
Hydrogeologist



Don R. Braun  
Certified Engineering Geologist  
Registration No. : 1310  
Expiration Date: 6/30/00



Attachments:            Site Plan (Figure 1)

PHK/gmb  
0221.W2

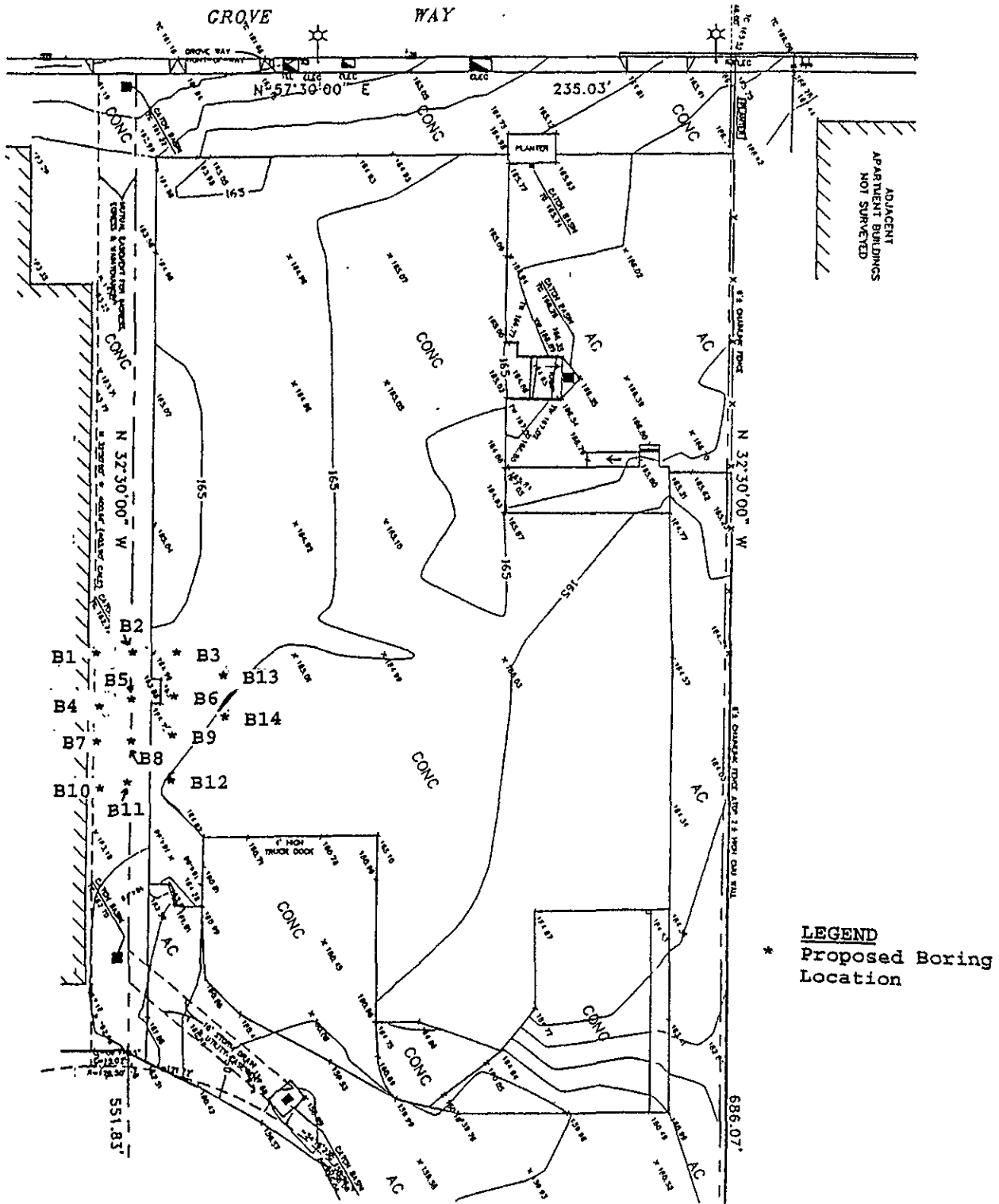
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Base Map From:  
Center Line Land Surveyors  
Livermore, California  
August, 1999 Land Title Survey

Figure 1  
**SITE PLAN**  
Lands of Chiu and Chang  
2497-2507 Grove Way  
Castro Valley, California

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## FAX TRANSMITTAL COVER SHEET

Date: 2/7/00

Job #: 0221

To: SCOTT SHERY

Company: M.D.E.H

From: GREG BROWN  
P&D ENVIRONMENTAL

Number of pages in this transmittal, including this cover sheet: 3

SUBJECT: LANDS OF CHIU + CHANG / FORMER COTTAGE BAKERY

MESSAGE: SCOTT -

PLEASE FIND THE FOLLOWING ATTACHED:

0221.WZ, WORK PLAN FOR FURTHER SUBSURFACE INVESTIGATION (2.PP.)

Call if you've got questions.

THANKS!

- GREG

If transmittal is incomplete, please call (510) 658-6916.  
P&D Environmental fax number: (510) 658-9074.

DESTINATION FAX NUMBER: 510/327-9335

FAX04.94

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Work Plan 0221.W2

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Work Plan 0221.W2

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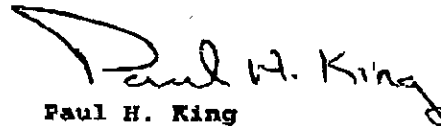
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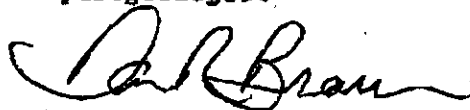
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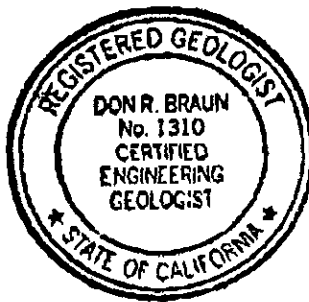
P&D Environmental



Paul H. King  
Hydrogeologist



Don R. Braun  
Certified Engineering Geologist  
Registration No. : 1310  
Expiration Date: 6/30/00



Attachments: Site Plan (Figure 1)

PHK/gmb  
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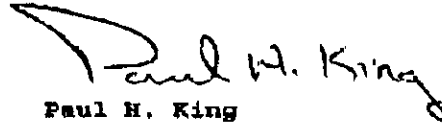
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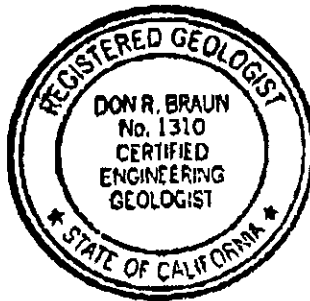
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Hydrogeologist

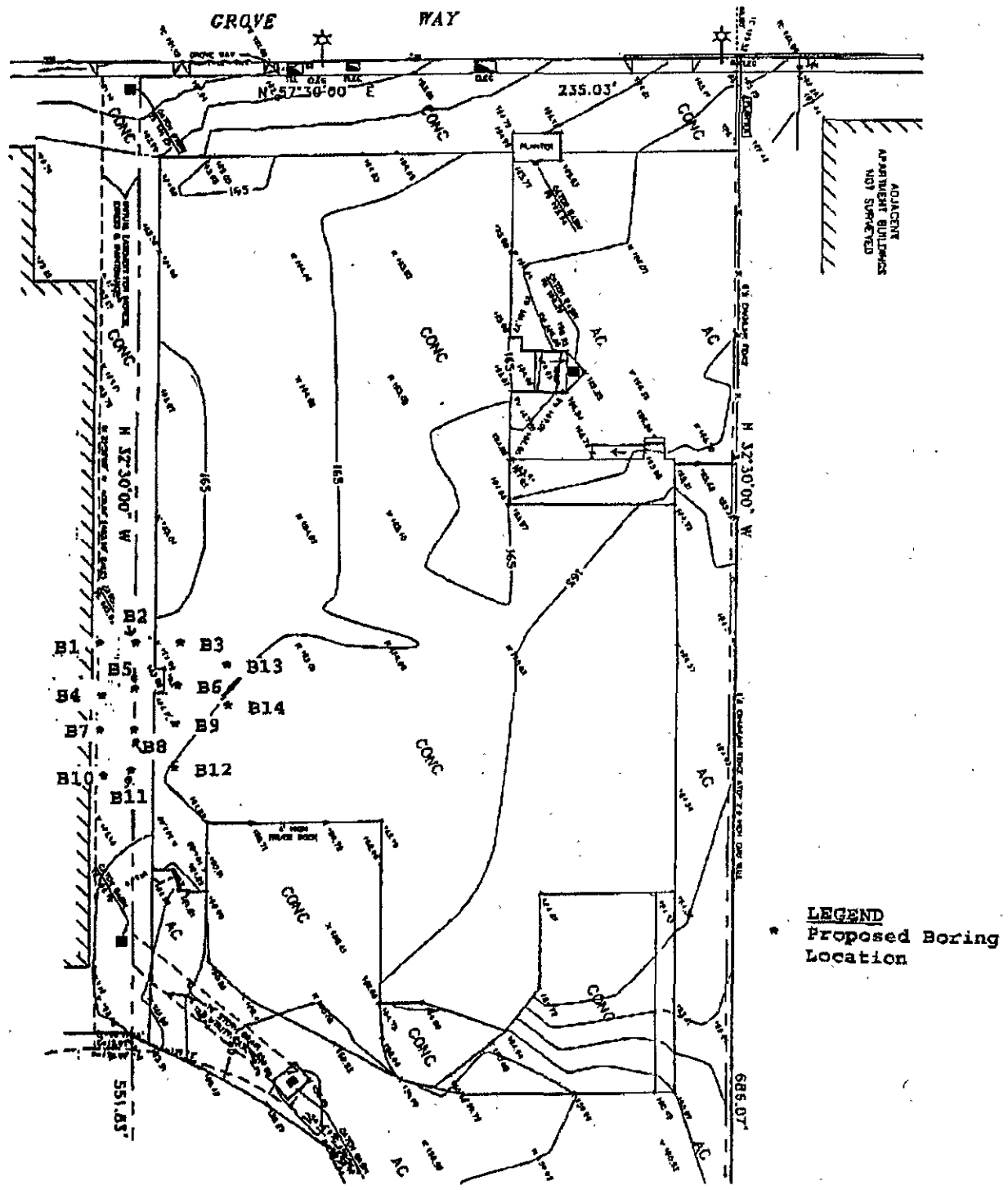


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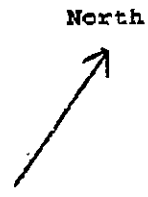
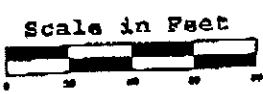


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