

**SUMMARY REPORT**  
**July-September Quarter, 1989**

Project No. 330-06.05  
October 11, 1989

10/17/89

ARCO Service Station No. 0608  
17601 Hesperian Boulevard  
San Lorenzo, California

Alameda County

**BACKGROUND**

ARCO Service Station No. 0608 is located at the southern corner of the intersection of Hesperian Boulevard and Hacienda Avenue, San Lorenzo, California (see Figures 1 and 2). Following is a brief chronological summary of this past quarter's investigative activities for the site:

- o September 1989, Pacific Environmental Group Inc., (PACIFIC) conducted quarterly groundwater monitoring.

**STATUS SUMMARY: SITE INVESTIGATION**

- o Currently the soil and groundwater conditions are not fully assessed, although a soil gas survey conducted in February 1989 indicates that a hydrocarbon plume may extend downgradient of the site.

**QUARTERLY GROUNDWATER MONITORING**

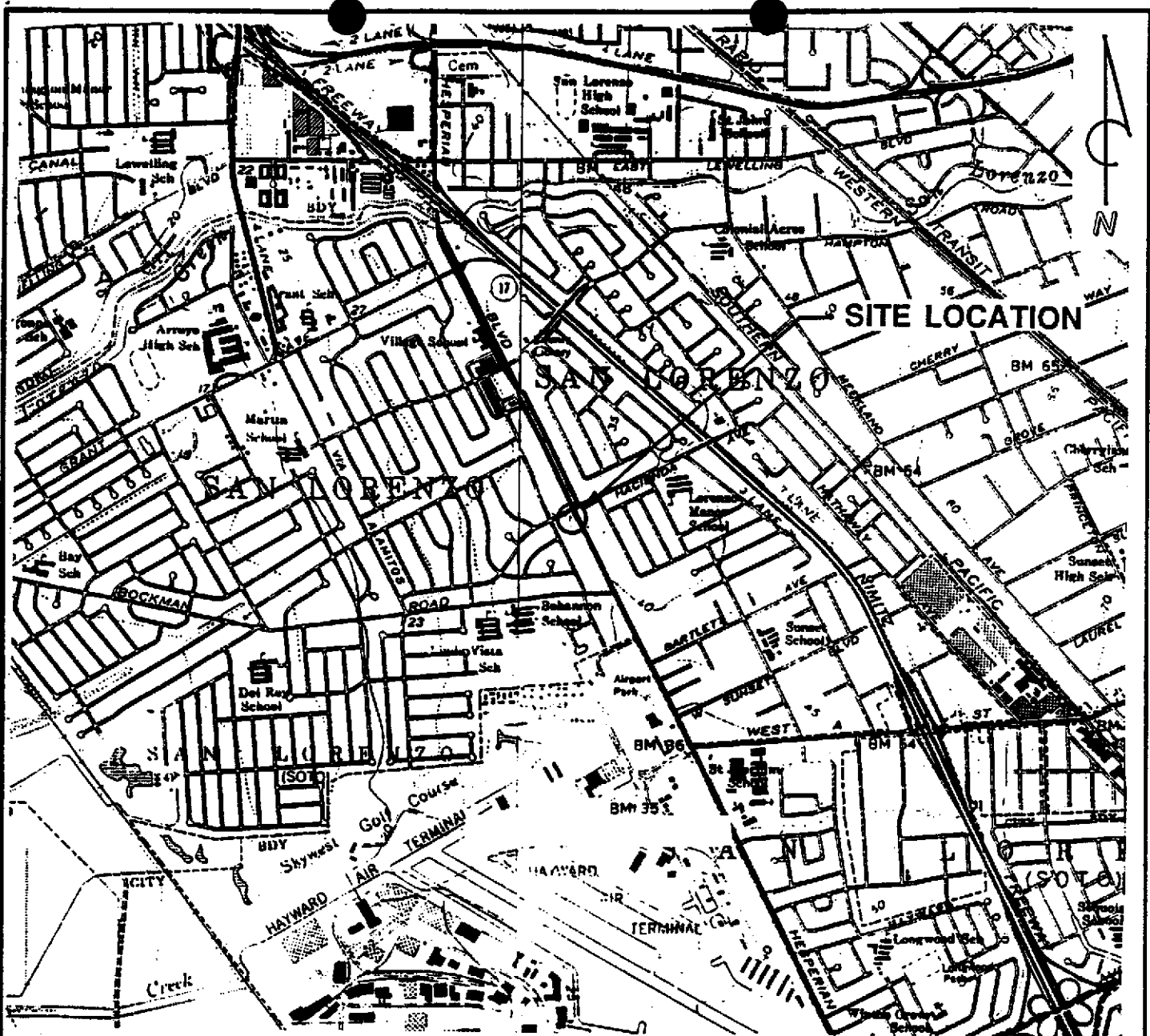
- o The existing wells (MW-3 to MW-5) have been on a quarterly sampling program since March 1989. In June 1989, water samples were collected from Wells MW-3 to MW-5 and E-1 (see Figure 3). Well E-1 is an eight-inch well that was discovered at the site in March 1989. Groundwater samples were analyzed for low-boiling hydrocarbons. Well MW-1 could not be located and MW-2 was destroyed during tank pull activities. Laboratory analysis of the water samples detected gasoline concentrations ranging from 1,100 parts per billion (ppb) to 63,000 ppb. A quarterly groundwater monitoring report for the June 1989 sampling event will be issued during the October-December quarter.

**STATUS SUMMARY: REMEDIATION**

- o No change from last quarter. No groundwater remediation is planned for the October-December quarter.

ANTICIPATED WORK FOR THE OCTOBER-DECEMBER QUARTER

- o Completion and submittal of a workplan proposing additional soil and groundwater investigative activities. Workplan includes a report on the soil gas survey, and recommends well installation on and off-site to document the extent of hydrocarbons in the groundwater.
- o Transmittal of the second set of quarterly sampling results.
- o Conduct quarterly groundwater sampling.

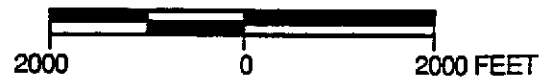


QUADRANGLE LOCATIONS

**REFERENCE:**

USGS 7.5 MIN. TOPOGRAPHIC MAP  
 TITLED: HAYWARD, CALIFORNIA  
 DATED: 1959 REVISED: 1980  
 TITLED: SAN LEANDRO, CALIFORNIA  
 DATED: 1959 REVISED: 1980

**SCALE**



PACIFIC  
 ENVIRONMENTAL  
 GROUP, INC.

ARCO SERVICE STATION #0608  
 17601 Hesperian Boulevard  
 San Lorenzo, California

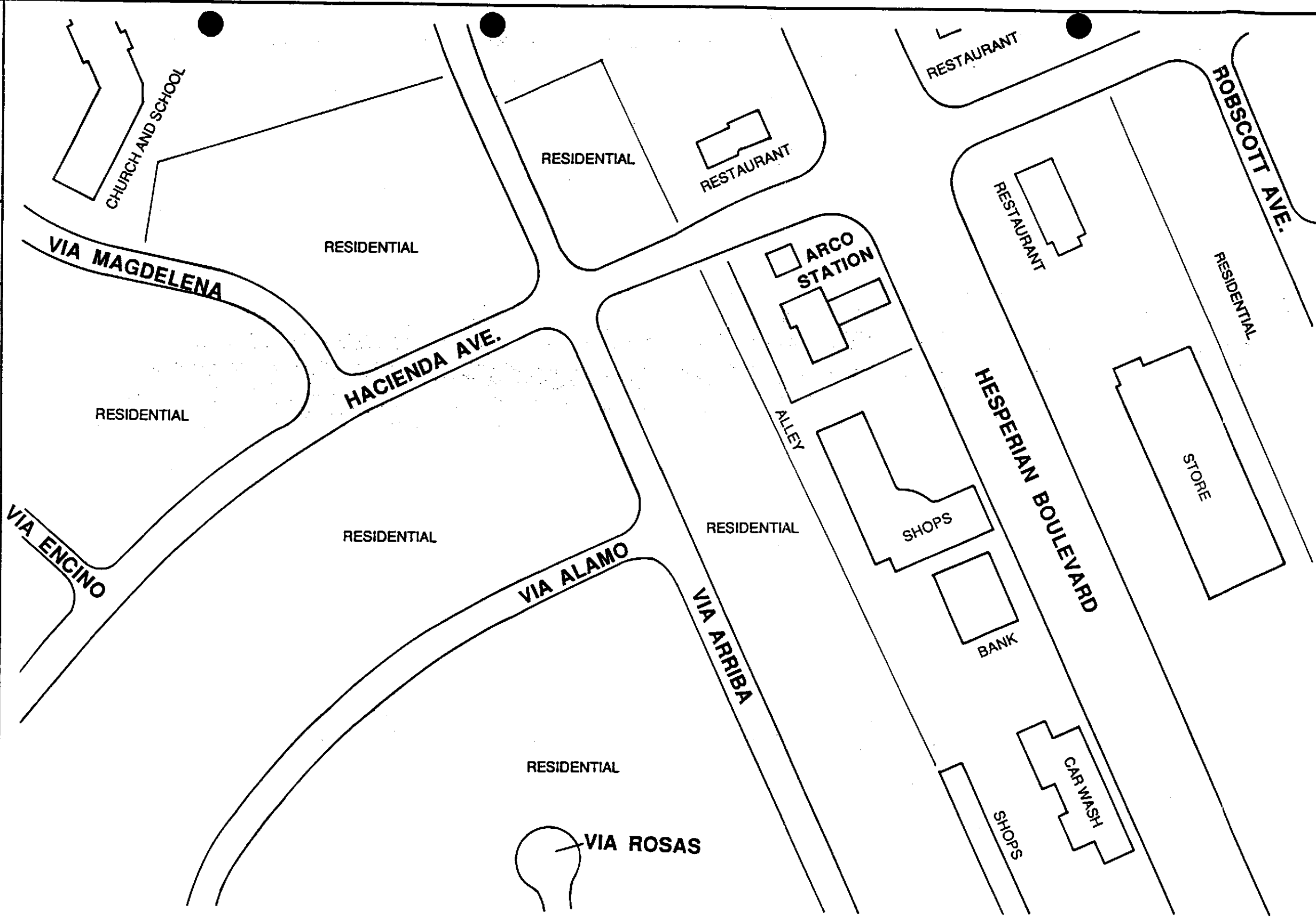
SITE LOCATION MAP

FIGURE:  
 1  
 PROJECT:  
 330-06.05

PROJECT NUMBER  
330-06.04

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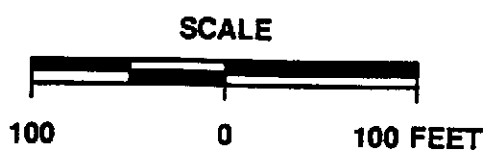
REVISIONS



BASED ON AERIAL PHOTO  
BY PACIFIC AERIAL SURVEY



PACIFIC ENVIRONMENTAL GROUP, INC.



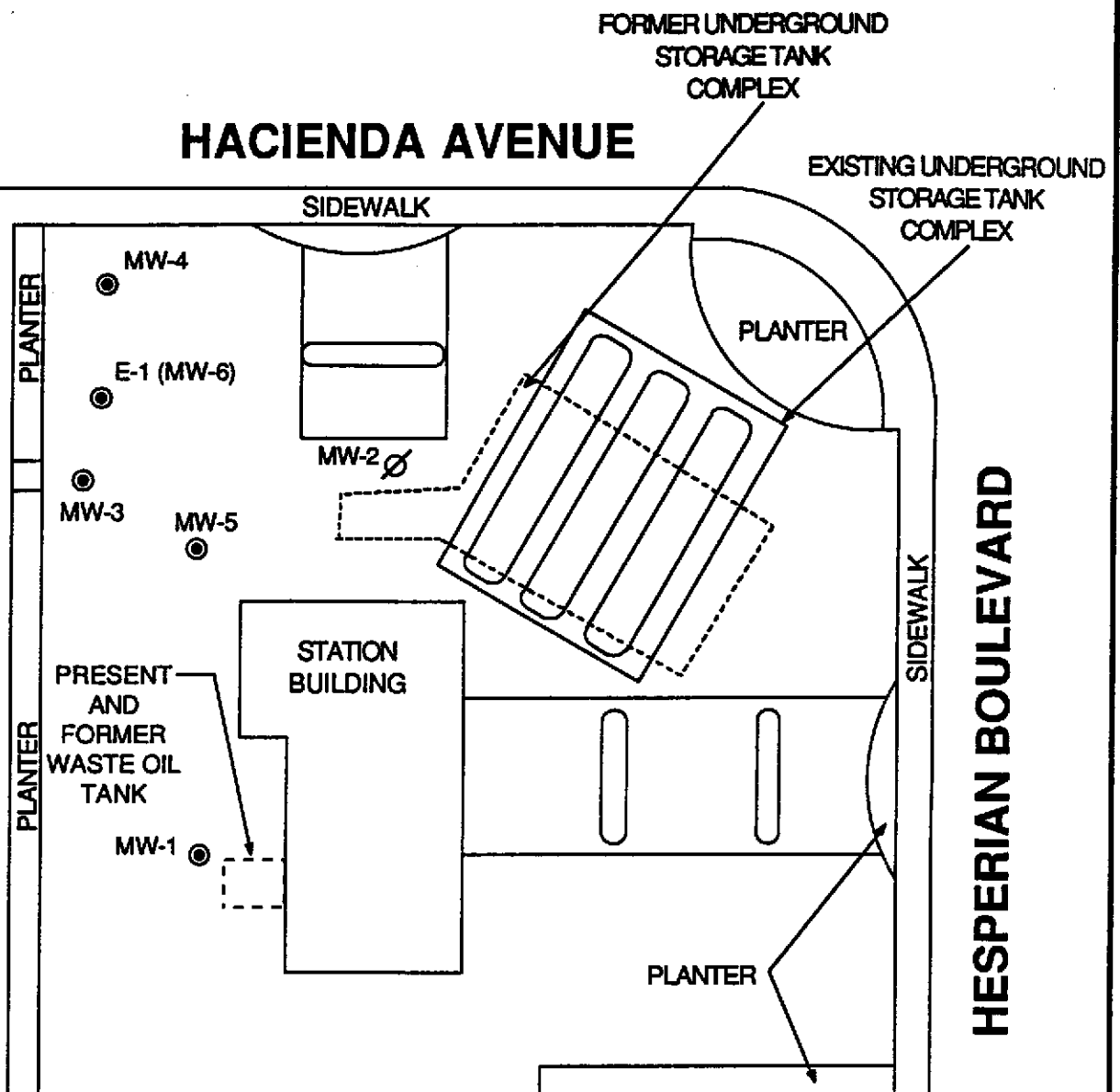
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EXTENDED SITE MAP

FIGURE :  
2  
PROJECT :  
330-06.05





# HACIENDA AVENUE



# HESPERIAN BOULEVARD

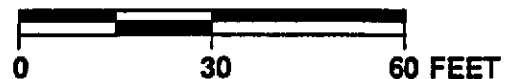
### LEGEND

- MW-3  GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- MW-2  DESTROYED MONITORING WELL LOCATION AND DESIGNATION

APPROXIMATE DIRECTION OF REGIONAL GROUNDWATER FLOW



### SCALE



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**SITE MAP**

**FIGURE:**  
**3**  
**PROJECT:**  
330-06.05