

**CLEARWATER**  
G R O U P, I N C.  
*Environmental Services*

Mr. Gregory Hammond  
The Windsor Group  
Preservation Park Square  
663-13th Street  
Oakland, CA 94612

September 14, 1999

*Alameda County  
MAY 02 2005  
Environmental Health*

Re: 4331-39 MacArthur Blvd., Oakland, CA - Magnetometer Survey Results

Dear Mr. Hammond,

As per your request a magnetometer survey of the above referenced property was conducted on September 10, 1999. The property is located at 4331-39 MacArthur Blvd. in Oakland, CA (Figure 1). The site is not currently operating and formerly served as a fuel service station, auto repair shop and tire retail facility. The site is bordered to the west by the 580 highway, to the east by MacArthur Blvd. and by a vacant building and parking lot on High Street to the north. To the south lies an underpass and further a mixed commercial/residential area.

The magnetometer survey was performed to determine if underground storage tanks (USTs) were still buried in, and proximal to, the subject site. Baul of Cal Utility Locators (CU) was on-site to perform the survey and Heidi Bauer of Clearwater was on-site to oversee the survey and record the results. This letter documents the results of this survey.

The survey area was located in front of the building on-site and to the south of the building within the enclosed fenced-in area and, in part, into the street on MacArthur Blvd. The survey area is shown on Figure 2. The survey was performed on MacArthur Blvd. because historic Sanborn Maps indicate the presence of USTs in this area. The Sanborn Maps were previously presented to you under separate cover. The survey was performed using a 3x3-foot grid space interval to ensure that all possible USTs were located.

The results of the survey found five noteworthy metal-bearing objects in the survey area. Of the five objects, three could possibly be USTs. The five objects are shown on Figure 3, and are


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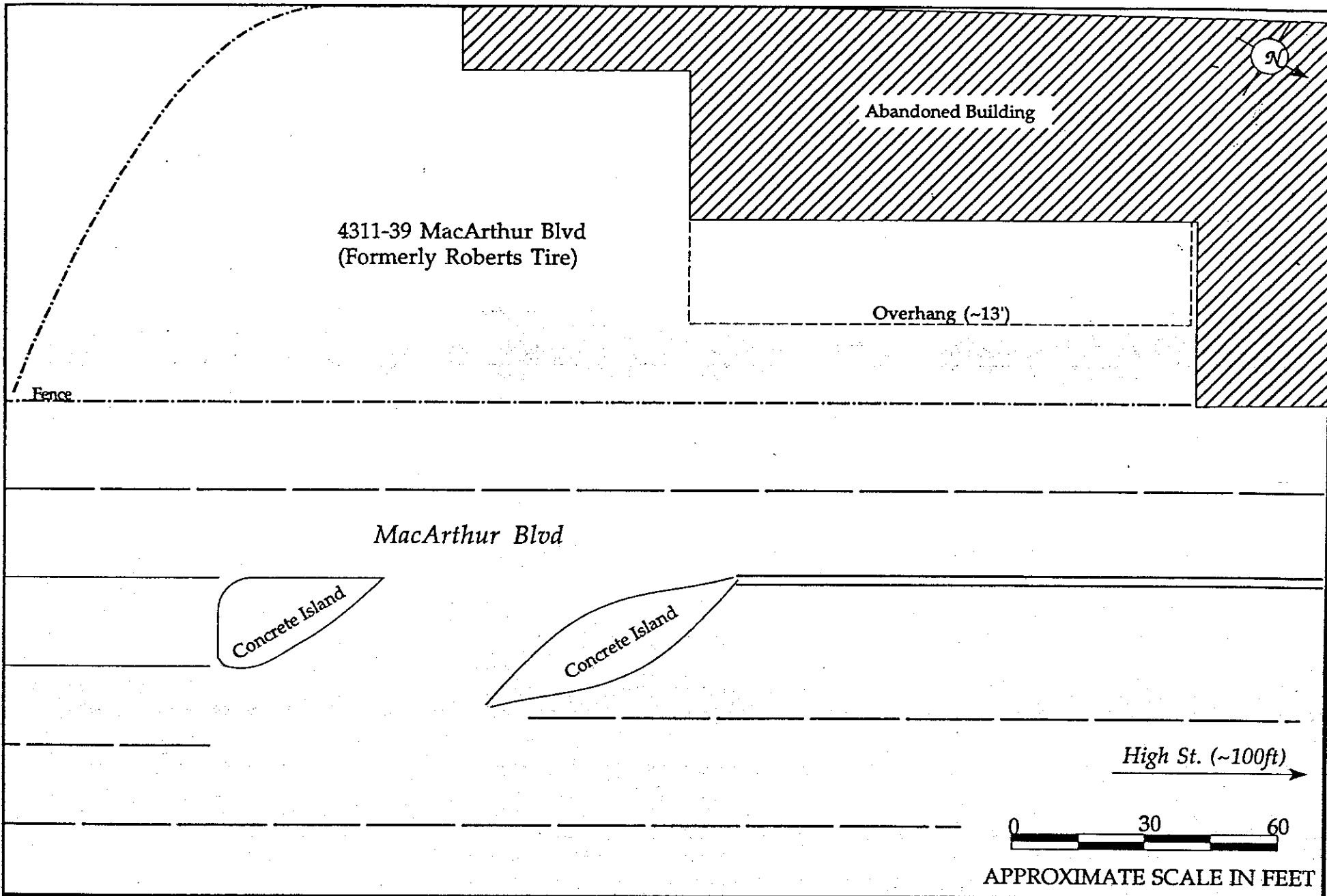
denoted A-E. As shown on Figure 3, two of the objects were located in MacArthur Blvd., where the former UST area was suspected to be. As per CU one of the objects (B) in the street looked like an I-beam and the other (A), without certainty, could be a small 500g tank. The other three objects were located on the subject site. The object labeled E looked like it could be a buried manhole, and was definitely too small to be a UST. However, the other two objects C and D could be USTs, although the marked-out shapes are not of the size and shape typical of modern day USTs. However, irregular size and shape USTs do exist and they should not be discounted as USTs due to this. Clearwater asked CU if the approximate depths of the objects could be determined and Baul indicated that the objects in the street were at depths of about 6 feet below grade (bg) and the ones on-site were shallower at ~ 3 feet bg, but these are only educated guesses based on instrument response and the information should not be strictly relied on. Photographs of the marked-out locations were taken after the completion of the survey and are included with this report.

The results of the magnetometer survey found five noteworthy metal-bearing objects on and adjacent to the subject site, three of which could possibly be USTs. Based on the size and shape of the objects found it can not be determined conclusively if the objects are USTs or not. Historic information indicates that USTs were once located in the surveyed area and documentation does not exist regarding their removal. Hence, it is possible that the objects located are USTs from the former fuel servicestation which operated at the subject site.

Clearwater hopes that this information will help you with your investigation. If you have any questions or comments please do not hesitate to call me or Markus at (510) 893-5160. Thank you for the opportunity to be of service to the Windsor Group.

Very Truly Yours,  
CLEARWATER GROUP, INC.

  
Heidi M. Bauer  
Project Geologist



4311-39 MacArthur Blvd  
(Formerly Roberts Tire)

Abandoned Building

Overhang (~13')

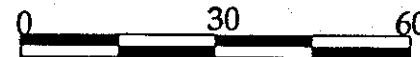
Fence

*MacArthur Blvd*

Concrete Island

Concrete Island

High St. (~100ft)



APPROXIMATE SCALE IN FEET

**SITE PLAN**

4311-39 MacArthur Blvd  
Oakland, California

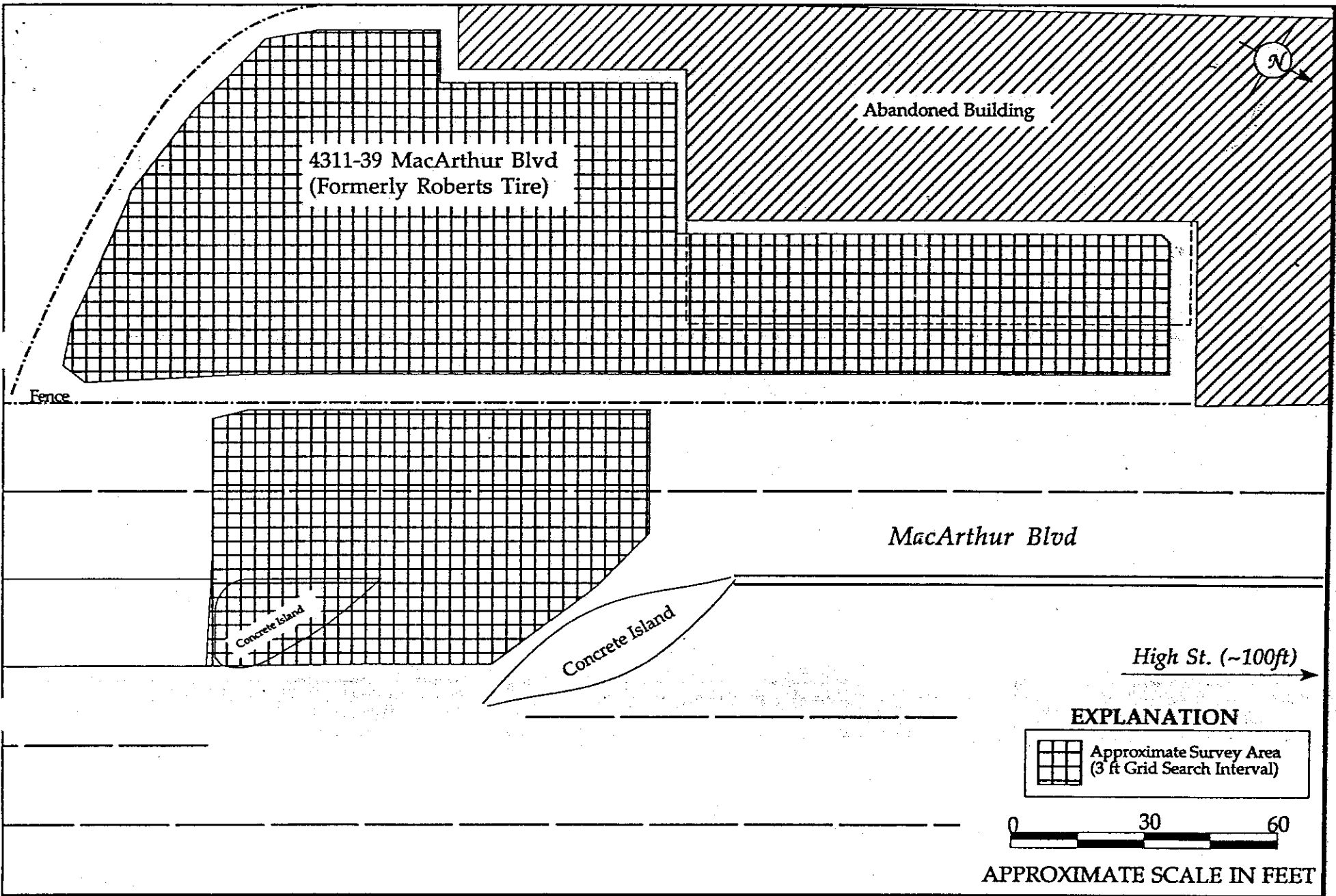
**CLEARWATER GROUP, INC.**

Project No.  
C-317

Figure Date  
9/99

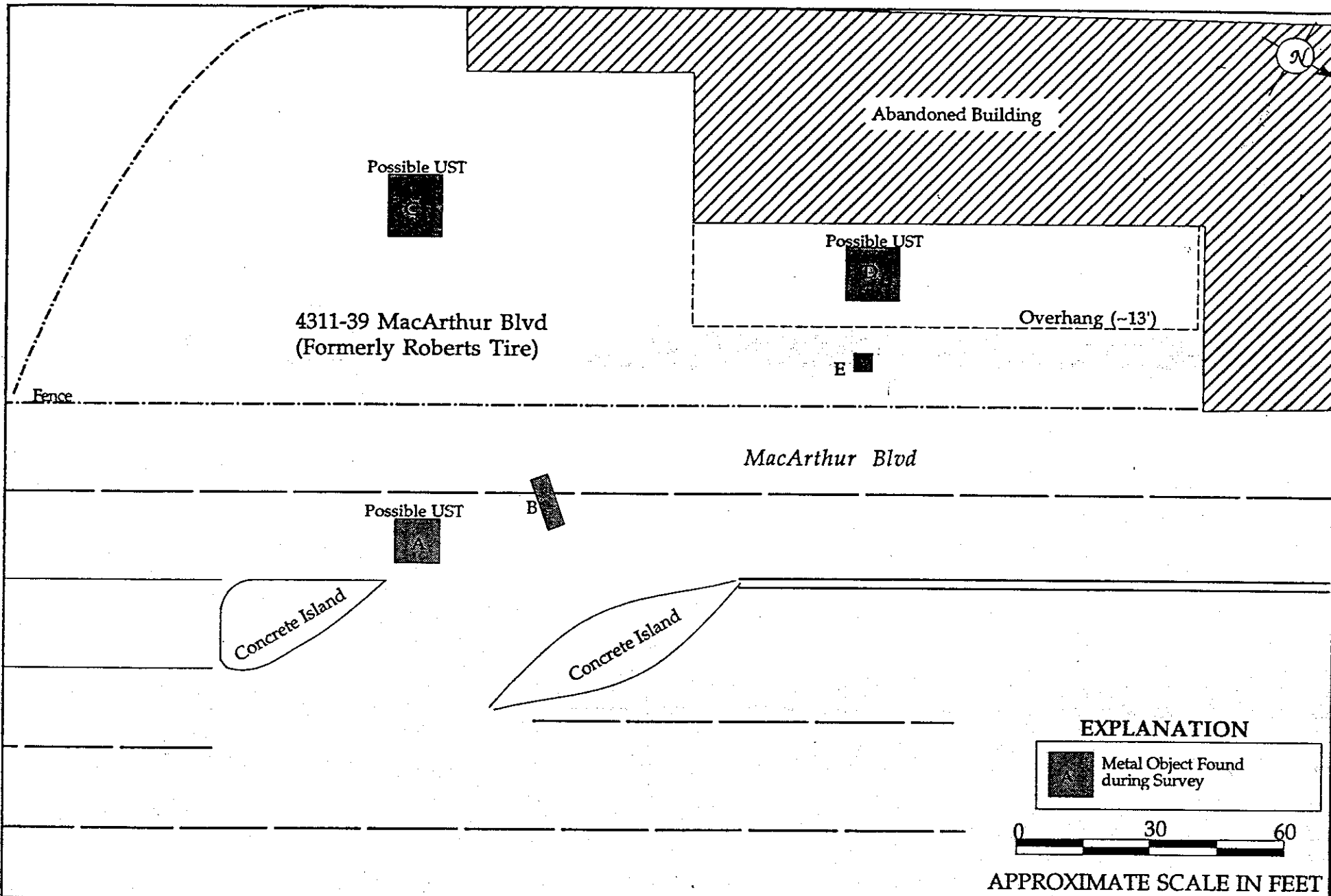
Figure  
1

Measurements and  
Dimensions are  
Approximate



**Magentometer Survey Area Map**  
 4311-39 MacArthur Blvd  
 Oakland, California

<b>CLEARWATER GROUP, INC.</b>			Measurements and Dimensions are Approximate
Project No. C-317	Figure Date 9/99	Figure 2	



**Magentometer Survey Results Map**  
 4311-39 MacArthur Blvd  
 Oakland, California

**CLEARWATER GROUP, INC.**

Project No.  
C-317

Figure Date  
9/99

Figure  
3

Measurements and  
Dimensions are  
Approximate