



GeoStrategies Inc.

2140 WEST WINTON AVENUE
HAYWARD, CALIFORNIA 94545

92 JAN 31 11:11:44

(510) 352-4800

January 29, 1992

County of Alameda
Department of Environmental Health
Hazardous Materials Division
80 Swan Way, Room 200
Oakland, California 94621

Attention: Ms. Susan L. Hugo

Certified Mail

Reference: ARCO Service Station #4931
731 W. MacArthur Street
Oakland, California 94611

Ms. Hugo:

As requested of ARCO Products Company, we are forwarding the Addendum to the Remedial Action Plan (RAP) dated January 27, 1992 for the above referenced location. This addendum modifies the RAP submitted by GeoStrategies (GSI) May 15, 1991.

If you should have any questions or comments, please call.

Sincerely,

A handwritten signature in cursive script that reads "John F. Vargas".

John F. Vargas

JFV/cmg

Enclosure

cc: Mr. Charles Carmel, ARCO Products Company
Mr. H. C. Winsor, ARCO Products Company
Mr. Tom Callaghan, Regional Water Quality Control Board (Certified Mail)



GeoStrategies Inc.

2140 WEST WINTON AVENUE
HAYWARD, CALIFORNIA 94545

(510) 352-4800

January 27, 1992

ARCO Products Company
P.O. Box 5811
San Mateo, California 94402

Attn: Mr. Charles Carmel

Re: ADDENDUM TO REMEDIAL ACTION PLAN
ARCO Service Station No. 4931
731 West MacArthur
Oakland, California

Gentlemen:

This document outlines proposed changes to the recovery well configuration currently described in the GeoStrategies Inc. (GSI) Remedial Action Plan (RAP) dated May 15, 1991. The modifications described herein are at the request of ARCO Products Company.

CURRENT RECOVERY WELL PROPOSAL

As stated in the above referenced RAP, Recovery Well A-9 is proposed to be utilized as the ground-water extraction well. Refer to Plate 2 for the location of Recovery Well A-9.

PROPOSED MODIFICATION TO RECOVERY WELL CONFIGURATION

The following are proposed changes to the ground-water extraction configuration:

- o Three additional 6-inch-diameter ground-water extraction wells are proposed to enhance hydraulic control of the hydrocarbon plume.
- o Two of the proposed ground-water extraction wells are to be placed within the limits of excavation of the former and proposed underground storage tank (UST) complexes. One proposed groundwater extraction well will be located adjacent to well A-4.

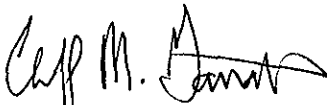
GeoStrategies Inc.

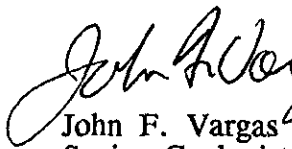
ARCO Products Company
January 27, 1992
Page 2

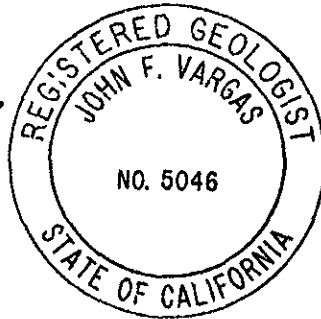
Refer to Plate 2 for the approximate locations of the proposed recovery wells.

If you have any questions, please call.

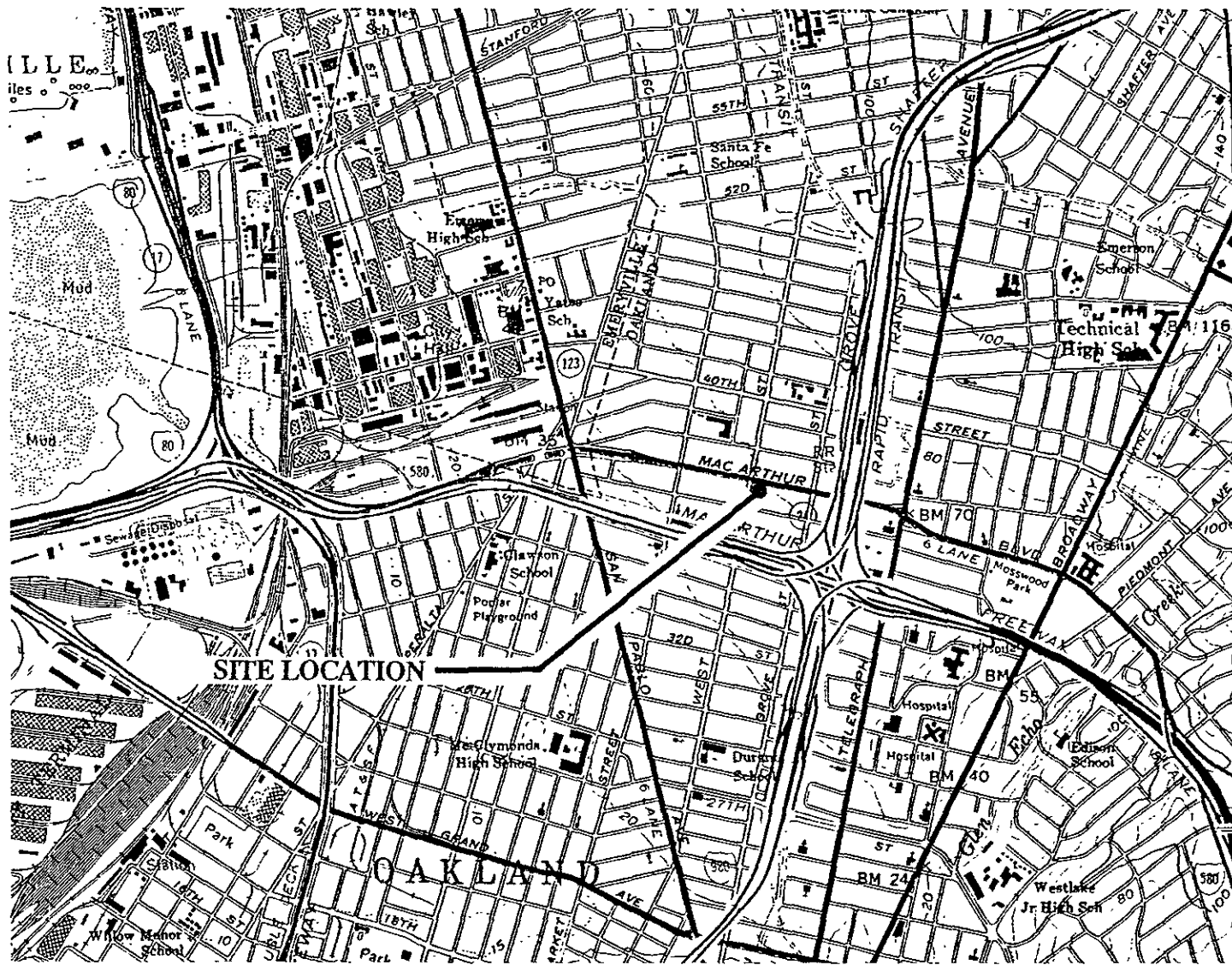
GeoStrategies Inc. by,


Cliff M. Garratt
Hydrogeologist


John F. Vargas
Senior Geologist
R.G. 5046



CMG/JFV/mlg



Base Map: USGS Topographic Map



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VICINITY MAP
 ARCO Service Station #4931
 731 West MacArthur Boulevard
 Oakland, California

PLATE

1

JOB NUMBER
 7909

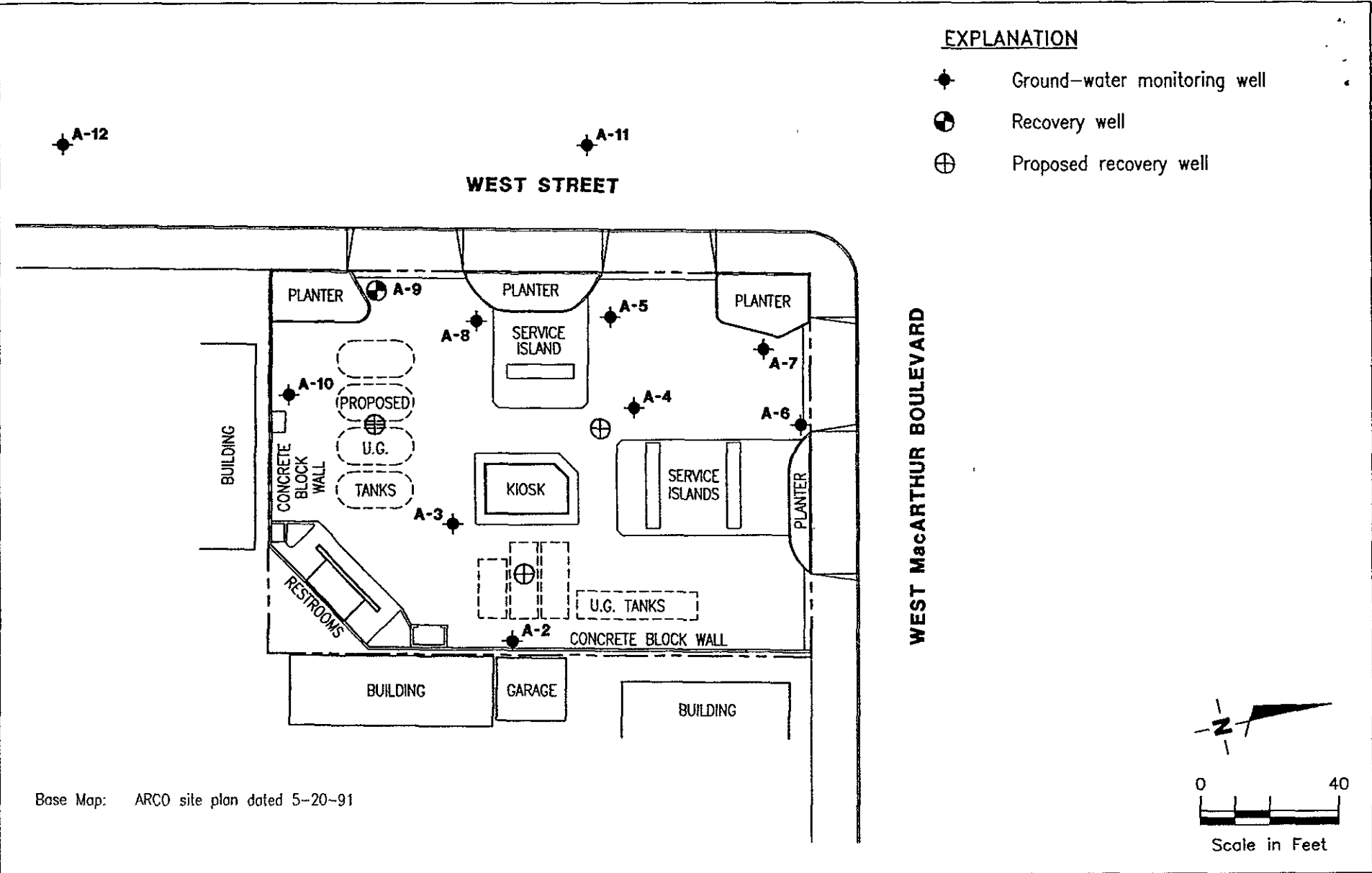
REVIEWED BY

DATE
 9/91

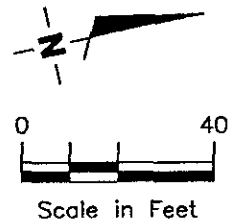
REVISED DATE

EXPLANATION

- ◆ Ground-water monitoring well
- ⊕ Recovery well
- ⊕ Proposed recovery well



Base Map: ARCO site plan dated 5-20-91



GeoStrategies Inc.

SITE PLAN
ARCO Service Station #4931
731 West MacArthur Boulevard
Oakland, California

PLATE

2

JOB NUMBER
790901-14A

REVIEWED BY
CMG

DATE
1/92

REVISED DATE