KLEINFELDER
An employee owned company

June 20, 1996
File No. 10-3002-84/003

Mr. Michael P. Cortez
Assistant Civil Engineer
Oro Loma Sanitary District
2600 Grant Avenue
San Lorenzo, California 94580

SUBJECT: Work Plan and Request to Access Oro Loma Sanitary District Property Adjacent to 2500 Grant Avenue San Lorenzo, California

Dear Mr. Cortez:

INTRODUCTION

Kleinfelder, Inc. (Kleinfelder) is pleased to provide you with this Work Plan and Request to Access the subject site. This proposal was discussed during our job walk with you yesterday, June 19, 1996.

Kleinfelder is requesting permission to access the site and excavate soil along a manmade ditch. The area we would like to access is adjacent to the railroad spur between Phil and Doolittle Drives off of Grant Avenue in San Lorenzo. Site location maps are attached. Kleinfelder has contacted Mark Johnson and Ravi Arulanantham of the San Francisco Bay Regional Water Quality Control Board (RWQCB) and the Alameda County Health Department (ACHD) regarding this project and they have agreed with Kleinfelder's recommendation to excavate along the drainage ditch. A copy of this Request, and of the draft report for work completed to date, has been provided to Mark Johnson at the RWQCB and Ms. Madhulla Logan of the ACHD.

BACKGROUND

Our client, McGrath RentCorp (McGrath), is leasing property adjacent to your property and will soon be leaving the site. The owner of the property, Gallagher and Burke, requested that a Phase I Environmental Site Assessment be completed before the leasee leaves the property. During the assessment, several issues of concern were observed. Kleinfelder therefore conducted further subsurface investigation to include samples of soil, surface water, and storm drain sludge to

KLEINFELDER 7133 Koll Center Parkway, Suite 100, Pleasanton, CA 94566-3101 (510) 484-1700

address those issues. Based on laboratory analyses, soil samples collected across the site were of no concern, however, the storm drain required cleaning and sludge disposed of properly.

To remediate the sludge concern, the storm drain was hydraulically cleaned out and the contents removed to a landfill. In addition, a small area of soil was excavated from beneath the storm drain outlet. Surface soil and water samples were collected in the area around the storm drain outlet. Analytical results for samples of surface soil indicated zinc concentrations possibly above some regulatory guidelines but much lower than Environmental Protection Agency Preliminary Remediation Goals or hazardous waste levels. Based on analytical results, Kleinfelder recommended further soil excavation along the manmade drainage ditch that is close to the storm drain outlet. The ditch west of the site is on Oro Loma Sanitary District property.

On May 28, 1996, Kleinfelder collected additional soil and surface water samples of the manmade trench west of the storm drain outlet (attached). The client ID numbers shown on the attached laboratory data sheets reflect the distance west of the storm drain, i.e., KB-W30-S represents a soil sample collected 30 feet west of the storm drain outlet.

Note that from 30 to 100 feet, zinc concentrations range from 1,100 to 2,800 milligrams per kilogram (mg/kg) and then drop off to 130 mg/kg at 150 feet from the storm drain outlet.

Secondly, on May 31, 1996, Kleinfelder requested McCampbell Analytical, Inc. (McCampbell) run DI TCLP analyses on three soil samples (W-75, W-150 and W-300). Note that zinc values again decrease nicely further away from the storm drain, i.e., 1.1 milligrams per liter (mg/L) to 0.16 mg/L.

SCOPE OF WORK

Kleinfelder, therefore, proposes to continue excavation west of the storm drain outfall, an area approximately one foot deep, five feet wide, and 120 feet long. The size of the excavation is subject to change based on confirmation sampling of sidewalls and excavation floor. Sol samples will be collected utilizing the same protocol as that conducted in the initial excavation, as described in the attached draft report, dated May 15, 1996. Excavation close to the storm drain will be conducted utilizing a backhoe; however, as we get farther away from the outfall of the storm drain, excavation will be conducted by hand labor.

Field work is scheduled to commence on June 24, 1996 and run until approximately June 26, 1996. Laboratory analyses will be on a 24-hour turnaround. Soil will be offhauled to an approved landfill. At this time, Kleinfelder does not propose or anticipate backfilling of the manmade trench.

Work conducted will be summarized in the existing draft report, and upon client approval and review, resubmitted to you and the appropriate regulatory agencies.

KLEINFELDER 7133 Koll Center Parkway, Suite 100, Pleasanton, CA 94566-3101 (510) 484-1700

If you have any questions or comments, please call the undersigned at (510) 484-1700, extension 204.

Sincerely,

KLEINFELDER, INC.

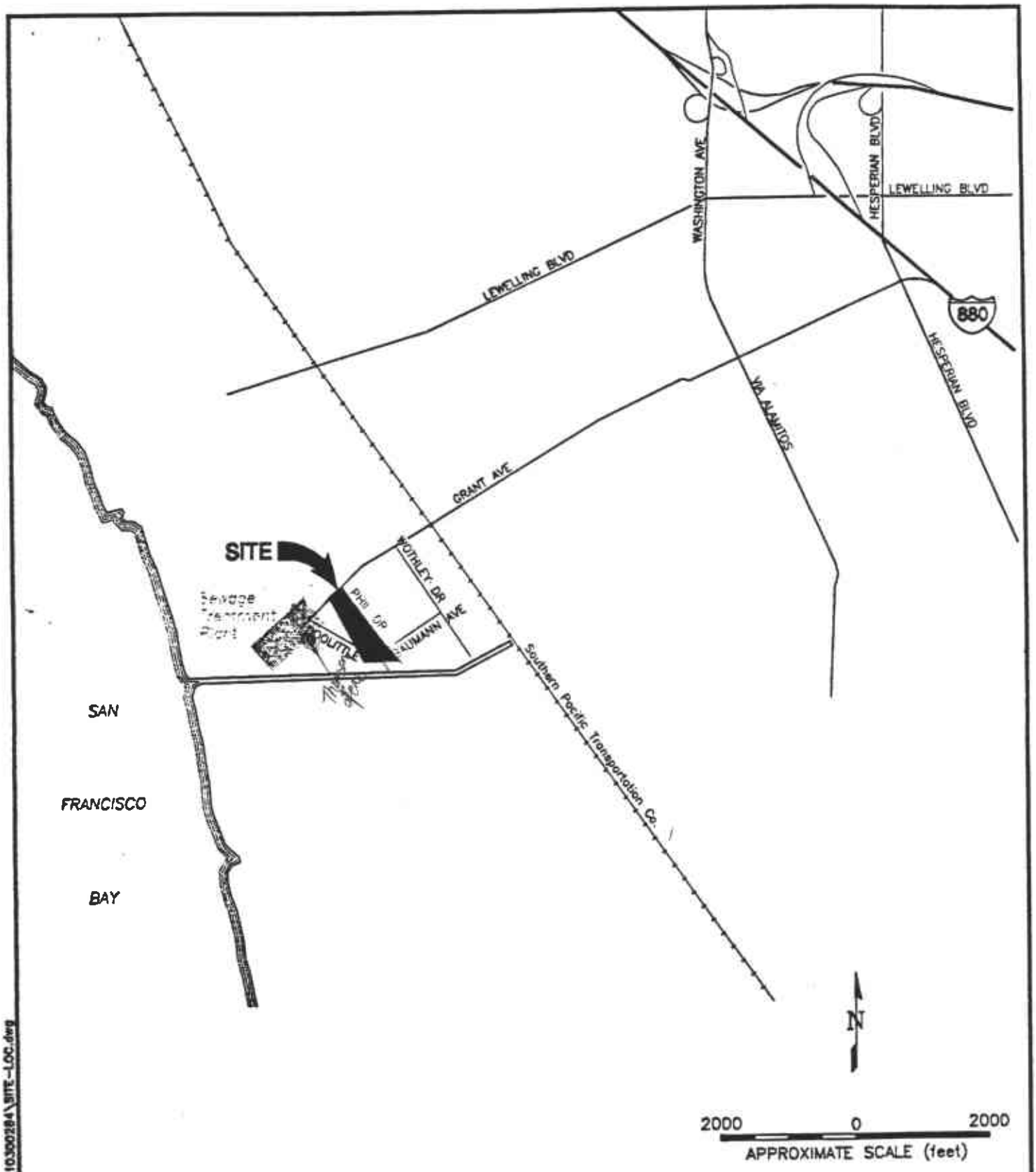
Alan D. Gibbs, R.G., C.H.G., R.E.A.
Environmental Manager

ADG:ks

Attachments

cc: Ms. Delight Saxton, Vice President - McGrath RentCorp
Mr. Mark Johnson - RWQCB
Ms. Madhulla Logan - ACHD
Ms. Roxy Barnett - Kleinfelder

KLEINFELDER 7133 Koll Center Parkway, Suite 100, Pleasanton, CA 94566-3101 (510) 484-1700



KLEINFELDER

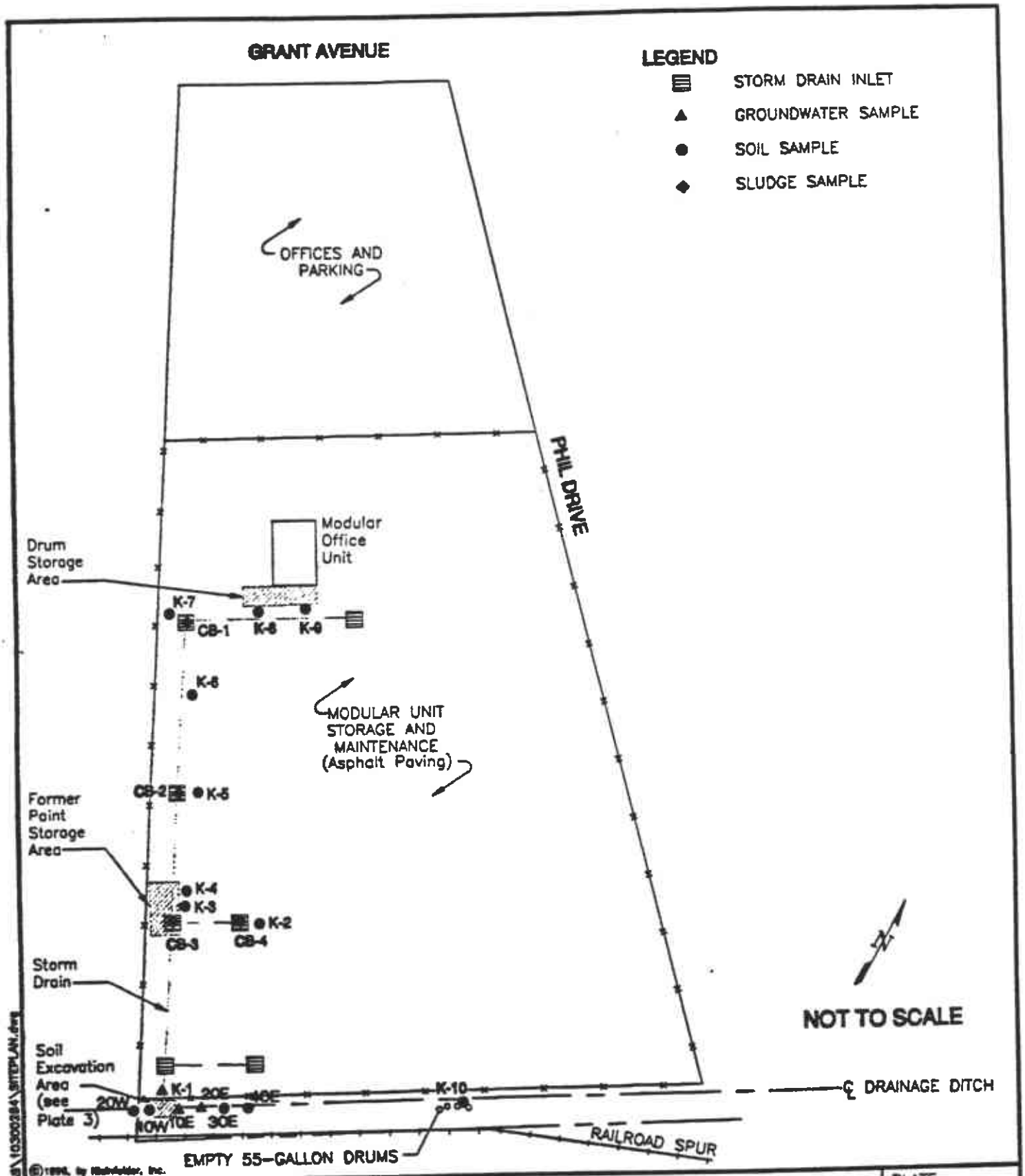
SITE LOCATION MAP

McGRATH RENT CORP.
2500 GRANT AVENUE
SAN LORENZO, CALIFORNIA

PLATE 1

DRAFTED BY: L. Sue	DATE: 5-14-96
CHECKED BY: K. Scheller	DATE: 5-15-96
PROJECT NO. 10-300284-003	

C:\-XA_PROJ\PLEAS\10300284\SITE-LOC.dwg



KLEINFELDER

SITE PLAN

McGRATH RENT CORP.
2500 GRANT AVENUE
SAN LORENZO, CALIFORNIA

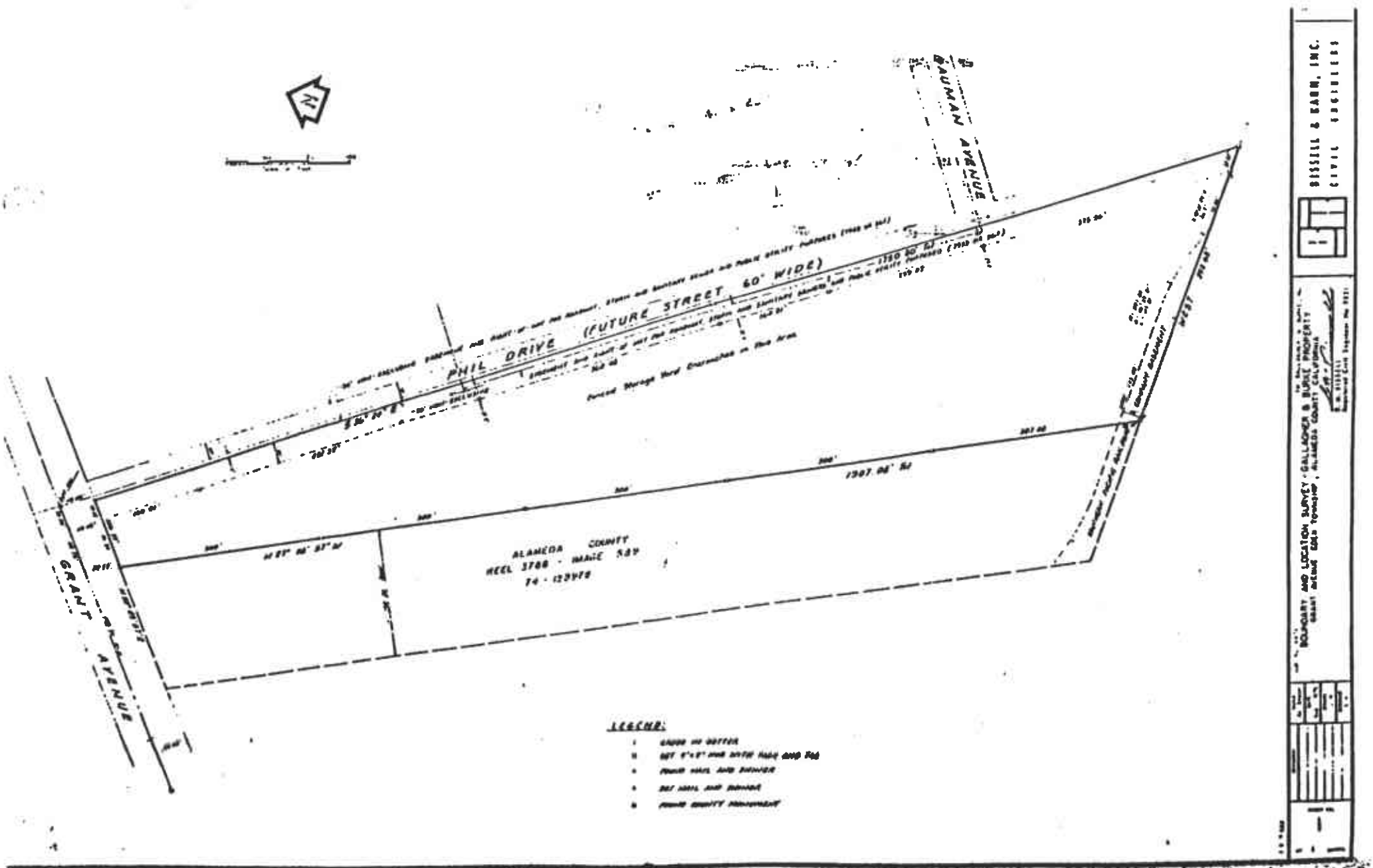
PLATE 2

DRAFTED BY: L. Sue DATE: 5-14-96

CHECKED BY: K. Schaller DATE: 5-15-96

PROJECT NO. 10-300284-003

C:\-KA_PROJ\PLOTS\10300284\SITEPLAN.dwg PLOTTED:


N
BAUMAN AVENUE
PHIL DRIVE (FUTURE STREET 60' WIDE)
1320.00' M/L
1307.06' M/L
ALAMEDA COUNTY
REEL 3788 - IMAGE 589
74 - 123978
GRANT AVENUE
LEGEND:
BISSELL & KARN, INC.
CIVIL ENGINEERS
BOUNDARY AND LOCATION SURVEY - GALLAGHER & BURKE PROPERTY
GRANT AVENUE GOLF TOWNSHIP, ALAMEDA COUNTY, CALIFORNIA

Oak
Loma
N26°15'32"W
1367.32
EXIST. 40' P.G.&E.
Easement
N26°15'32"W
PROP. R/W.
1336.84
(3992)
INDUSTRIAL
TRANSPORTATION
CORRIDOR
GRANT
N55°04'10"E
N35°25'41"W
168.50
(PHIL DR.)
N35°25'41"W
(PHIL DR.)
N35°25'41"W
To: Dan Carroll
From: John Fenstermaker
References:
R.S. No. 403 BK 7 RS Pg. 81-6
A-4290
R.S. No. 876 BK 8 RS Pg. 85-8
E-4677-1

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

Kleinfelder 7133 Koll Center Parkway, # 100 Pleasanton, CA 94566	Client Project ID: # 10-3002-84; McGrath	Date Sampled: 05/28/96
		Date Received: 05/28/96
	Client Contact: Alan Gibbs	Date Extracted: 05/28-05/29/96
	Client P.O: R3647	Date Analyzed: 05/29/96

Zinc*

EPA analytical methods 6010/200.7, 239.2*

Lab ID	Client ID	Matrix	Extraction°	Zinc*	% Recovery Surrogate
65424	KB-W30	S	TTLC	2200	96
65425	KB-W50	S	TTLC	2600	94
65426	KB-W75	S	TTLC	2800	93
65427	KB-W100	S	TTLC	1100	94
65428	KW-W100	W	TTLC	1.8	100
65431	KW-W200	W	TTLC	1.4	99
65429	KB-W150	S	TTLC	130	93
65430	KB-W200	S	TTLC	93	102
65432	KB-W250	S	TTLC	550	103
65433	KB-W300	S	TTLC	750	90
Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		S	TTLC	1.0 mg/kg	
		W	TTLC	0.010 mg/L	
		—	STLC,TCLP	0.05 mg/L	

* soil samples are reported in mg/kg, and water samples and all STLC & TCLP extracts in mg/L

+ Lead is analyzed using EPA method 6010 (ICP)for soils, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples

o EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC from CA Title 22

surrogate diluted out of range; N/A means surrogate not applicable to this analysis

f) liquid sample that contains greater than ~ 2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

Kleinfelder 7133 Koll Center Parkway, # 100 Pleasanton, CA 94566	Client Project ID: # 10-3002-84; McGrath	Date Sampled: 05/28/96
		Date Received: 05/28/96
	Client Contact: Alan Gibbs	Date Extracted: 06/04-06/08/96
	Client P.O: R3647	Date Analyzed: 06/04-06/13/96

Zinc*

EPA analytical methods 6010/200.7

Lab ID	Client ID	Matrix	Extraction°	Zinc*	% Recovery Surrogate
61513	CB-1	S	1:1 DI Extract(1)	0.30	N/A
61513	CB-1	S	1:1 pH= 4.0 DI Extract(2)	22	N/A
61513	CB-1	S	TTLC(3)	3700	94
65424	KB-W30	S	1:1 DI Extract(1)	1.9	N/A
65424	KB-W30	S	1:1 pH= 4.0 DI Extract(2)	74	N/A
65424	KB-W30	S	TTLC(3)	1960	93
65424	KB-W30	sediment	TTLC	76%= 1490	—
65424	KB-W30	plants	TTLC	24%= 470	—

(1) 20ml DI:20g soil extraction, rotated for 18 hours

(2) 20 ml pH~ 4.0 unbuffered (HCl) DI:20g soil extraction, vortexed for 60 seconds during pH adjustments

(3) SO_4^{-2} was looked for by the addition of barium nitrate to these TTLC extracts to precipitate $BaSO_4$, followed by 0.45 um filtration &gravimetric measurement. This technique did not have adequte sensativity, but a crude estimate of the S leached is ~ 200 mg/kg, equivalent to ~ 400 mg/kg Zn, assuming a 1:1 stoichiometry, ie ZnS. A weak smell of H_2S was noted during the pH= 4 extraction.

Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	S	TTLC	1.0 mg/kg
	S	DI Extractions	0.05 mg/L
	—	STLC	0.05 mg/L

* soil samples are reported in mg/kg, and water samples and all DI, STLC & TCLP extracts in mg/L

o EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC from CA Title 22

surrogate diluted out of range; N/A means surrogate not applicable to this analysis

i) liquid sample that contains greater than ~ 2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC. | 110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

Kleinfelder 7133 Koll Center Parkway, # 100 Pleasanton, CA 94566	Client Project ID: # 10-3002-84; McGrath	Date Sampled: 05/28/96
		Date Received: 05/28/96
	Client Contact: Alan Gibbs	Date Extracted: 06/04-06/08/96
	Client P.O: R3647	Date Analyzed: 06/07-06/13/96

Metals by ICP*

EPA analytical methods 6010, 200.7

Lab ID	Client ID	Extraction°	Copper	Manganese*	Iron*	Magnesium	Sodium*	Calcium*
61513	CB-1	1:1 DI Extraction(1)	ND	0.076	0.15	21	89	41
65424	KB-W30	1:1 DI Extraction(1)	0.072	5.6	7.1	28	68	48

(1) 20ml DI:20g soil extraction, rotated for 18 hours

Reporting Limit unless otherwise stated; ND means not detected above the reporting limit		1:1 DI Extraction	0.05 mg/L	0.05	0.05	0.05	0.5	0.05
		TTLC	2.5 mg/kg	1.0	3.0	5.0	25	1.0
		STLC,TCLP	0.10 mg/L	0.10	0.10	—	—	—

* soil samples are reported in mg/kg, and water samples and all DI, STLC & TCLP extracts in mg/L

° EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC from CA Title 22

i) liquid sample that contains greater than ~ 2 vol. % sediment; this sediment is extracted with the liquid, in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

Kleinfelder 7133 Koll Center Parkway, # 100 Pleasanton, CA 94566	Client Project ID: # 10-3002-84; McGrath	Date Sampled: 05/28/96
		Date Received: 05/28/96
	Client Contact: Alan Gibbs	Date Extracted: 05/30-05/31/96
	Client P.O: R3647	Date Analyzed: 05/31/96

Zinc*

EPA analytical methods 6010/200.7, 239.2+

Lab ID	Client ID	Matrix	Extraction°	Zinc*	% Recovery Surrogate
65426	KB-W75	S	DI TCLP	1.1	N/A
65429	KB-W150	S	DI TCLP	0.23	N/A
65433	KB-W300	S	DI TCLP	0.16	N/A

Reporting Limit unless otherwise stated; ND means not detected above the reporting limit	S	TTLC	1.0 mg/kg
	W	TTLC	0.010 mg/L
	—	DI TCLP	0.02 mg/L

* soil samples are reported in mg/kg, and water samples and all STLC & TCLP extracts in mg/L

+ Lead is analyzed using EPA method 6010 (ICP)for soils, STLC & TCLP extracts and method 239.2 (AA Furnace) for water samples

o EPA extraction methods 1311(TCLP), 3010/3020(water,TTLC), 3040(organic matrices,TTLC), 3050(solids,TTLC); STLC from CA Title 22

surrogate diluted out of range; N/A means surrogate not applicable to this analysis

◊ liquid sample that contains greater than ~ 2 vol. % sediment; this sediment is extracted with the liquid. in accordance with EPA methodologies and can significantly effect reported metal concentrations.

DHS Certification No. 1644

Edward Hamilton, Lab Director

McCAMPBELL ANALYTICAL INC.
110 2nd Avenue South, #D7, Pacheco, CA 94553
Tele: 510-798-1620 Fax: 510-798-1622

Kleinfelder 7133 Koll Center Parkway, # 100 Pleasanton, CA 94566	Client Project ID: # 10-3002-84; McGrath	Date Sampled: 05/28/96 Date Received: 05/28/96
	Client Contact: Alan Gibbs	Date Extracted: 05/29/96
	Client P.O: R3647	Date Analyzed: 05/29/96

Analytical methods			pH EPA 150.1, 9040, 9045	Ignitability EPA 1010
Lab ID	Client ID	Matrix	pH	Flashpoint
65424	KB-W30	S	7.00	---
65425	KB-W50	S	6.84	---
65426	KB-W75	S	6.87	---
65427	KB-W100	S	6.62	---
65428	KW-W100	W	6.68	---
65431	KW-W250	W	7.00	---
65429	KB-W150	S	6.65	---
65430	KB-W200	S	7.10	---
65432	KB-W250	S	6.62	---
65433	KB-W300	S	6.75	---
Reporting Limit or Method Accuracy unless otherwise stated; ND		W	± 0.05	± 2°C
means not detected above the reporting limit; N/A means not applicable		S	± 0.1	N/A
Reporting Units		W,S	$-\log(a_{H^+})$	°C

DHS Certification No. 1644

Edward Hamilton, Lab Director

GeoAnalytical Laboratories, Inc.

1405 Kansas Avenue
Modesto, CA 95351

Phone (209) 572-0900
FAX (209) 572-0916

CERTIFICATE OF ANALYSIS

Report # H162-01
McCampbell Analytical
110 2nd Avenue #D7
Pacheco CA 94553

Date of Report: 06/13/96
Date Received: 06/10/96
Date Started: 06/10/96
Date Completed: 06/13/96

Project Name:

Project # 5840,6470

Sample ID	Lab ID	Detection Limit	Method	Analyte	Results	Units mg/L
CB-1	H10219	1	300	Sulfate	141	
		1	300	Chloride	75	
KB-W30	H10220	1	300	Sulfate	35	
		1	300	Chloride	135	

Ramiro Salgado
Chemist

Certification # 1157

Donna Allsup
Laboratory Director

Geo Analytical

1-1162-01

McCAMPBELL ANALYTICAL

110 2nd AVENUE, # D7
PACHECO, CA 94553
(510) 798-1620 FAX (510) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME: ☐ RUSH ☐ 24 HOUR ☐ 48 HOUR ☒ 5 DAY

REPORT TO: S. Hamilton BILL TO: UAZ

COMPANY:

TELE: FAX #:

PROJECT NUMBER: 5740,6770 PROJECT NAME: K/10-3002-54/60

PROJECT LOCATION: SAMPLER SIGNATURE:

SAMPLE ID	LOCATION	SAMPLING DATE	SAMPLING TIME	# CONTAINERS	TYPE CONTAINERS	MATRIX: WATER	SOIL	AIR	SLUDGE	OTHER	METHOD PRESERVED: HCL	HNO_3	OTHER	ANALYSIS REQUEST: BTEX & TPH as Gasoline (602/8020 & 8015)	TPH as Diesel (8015)	Total Petroleum Oil & Grease (5520 E&F/5520 B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 601/8010	EPA 602/8020	EPA 608/8080	EPA 608/8080 - PCBs Only	EPA 624/8240/8260	EPA 625/8270	CAM - 17 Metals	EPA - Priority Pollutant Metals	LEAD (7840/7421/239.2/6010)	ORGANIC LEAD	RCI	OTHER: SO4-2, Cl-				COMMENTS
CB-1		2/15/96		1	6					X	HCl									H102			19					X	X				4137
KB-W30		2/24/96		1	6					X										H102			20					X	X				6542

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
	2/27/96		
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
RELINQUISHED BY:	DATE	TIME	RECEIVED BY LABORATORY:
	2/27/96	8:30	

REMARKS:

PT Intact

WAS ANALYZED