URS

March 1, 2007

Mr. Jerry Wickham
Alameda County Health Care Services Agency
Environmental Health Services
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577

Re: Well Destruction Report
Regency Centers – Bridgeside Shopping Center
2523 – 2691 Blanding Avenue
Alameda, California
SLIC Case No. RO0002738

Dear Mr. Wickham:

At the request of Regency Centers (Regency), URS Corporation (URS) has prepared this *Well Destruction Report* for the Bridgeside Shopping Center located at 2523 – 2691 Blanding Avenue in Alameda, California (the Site, Figure 1). This report has been prepared to provide documentation to the Alameda County Environmental Health Services Agency (ACEHSA) and the California Regional Water Quality Control Board (RWQCB) that onsite groundwater monitoring wells (MW-1, MW-2, and MW-3) have been properly decommissioned as requested in the ACEHSA January 3, 2007 letter to Regency. The January 3, 2007 letter stated that in order to receive case closure for the site, the onsite monitoring wells must be decommissioned, and documentation of decommissioning the wells must be provided to the ACEHSA.

At the request of Regency, URS implemented a scope of work to decommission the onsite groundwater monitoring wells. The scope of work consisted of confirming the current condition of the wells, permitting the destruction of the wells with the Alameda County Public Works Agency (ACPWA), and performing the well destructions. Currently, no groundwater monitoring wells remain onsite.

SITE DESCRIPTION

The site consists of an approximately 8.5 acre parcel recently redeveloped as a neighborhood shopping center. The former shopping center, originally named the Ferndale Shopping Center, was constructed in 1974. Prior to that time, the site was reportedly occupied by a lumberyard and a concrete batch plant. Former businesses include a grocery store, a drug store, a dry cleaner and laundry, a photo processing shop, and other small shops. An underground fuel storage tank (UST) was reportedly removed from the sited during construction of the shopping center in 1974. Regency Centers purchased the site in December 2003. All of the existing buildings have been demolished, and a new commercial development has been constructed at the site. The addresses at the site range from 2523 to 2691 Blanding Avenue. The site is bordered on the north

URS Corporation
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Oakland, CA 94612-1924
Tel: 510.893.3600
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by a dry dock and boat repair yard and on the east by the Oakland Estuary Tidal Canal. An easement and rail line for the Southern Pacific Transportation Company borders the site on the south. Blanding Avenue and residential and commercial properties border the site on the west. Groundwater levels have typically ranged from 7 to 13 feet below ground surface (bgs). The groundwater flow direction for the site has typically been toward the east (that is, toward the Oakland Estuary Tidal Canal).

MONITORING WELL CONFIRMATION

Despite efforts to prevent it, the onsite groundwater monitoring wells (MW-1, MW-2, and MW-3) were buried or destroyed during the recent site redevelopment activities. Figure 2 shows the former monitoring well locations at the site. In efforts to locate the wells after redevelopment of the site, a geophysical survey was performed at the site. On February 1, 2007, URS geologist John McCain supervised Cruz Brothers Locators of Scotts Valley, California who performed the geophysical survey of the well locations.

Prior to conducting the geophysical survey, URS geologist John McCain determined the approximate locations of the wells by comparing URS site maps with the utility plan as-built (Utility Plan, Sheet C-6.2, AMS, January 31, 2006) obtained from Mid-State Construction, the construction company responsible for redeveloping the site. At each survey location, a MALA Easy Locator ground penetrating radar (GPR) and a Fischer M-Scope metal detector were used to search for anomalies, or readings detected by the equipment that represent the location of subsurface features. The results of the geophysical survey are presented below. Photographs taken during the geophysical survey are included in Attachment A.

MW-1

A significant anomaly was identified within the approximately 30' x 30' survey area (Figure 2, Photo 1) located to the southwest of the site building, space 2661-C. Mid-State Construction reportedly protected the well during site construction activities beneath a location in the paved parking lot onsite (Photo 2). Using the GPR, the anomaly was identified beneath the asphalt parking lot at an approximate depth of 3' beneath the ground surface (bgs). The anomaly was not detected using the metal detector.

MW-2

Only one anomaly was found using the GPR in the approximately 48' x 30' area of MW-2 (Figure 2, Photos 3 and 4). The anomaly was not detected while using the metal detector in the survey area. The anomaly appears to be related to the storm sewer mapped on the utility plan as-built (Utility Plan, Sheet C-6.2, AMS, January 31, 2006) for the site (Photos 5 and 6).

MW-3

The results of the GPR survey in the approximately 30' x 30' survey area (plus additional area surrounding adjacent parking lot island, Figure 2, Photo 7) revealed an anomaly measuring approximately 5' x 5' buried approximately 1' bgs. The anomaly was confirmed

with the metal detector, indicating that there is a metal component to the anomaly. The anomaly appears to be a manhole associated with an apparently abandoned sanitary sewer mapped on the utility plan as-built for the site (Photo 8).

The results of the February 1, 2007 geophysical survey concluded the following:

- Groundwater monitoring well MW-1 was likely located in the area where the geophysical survey was conducted.
- No conclusive evidence of groundwater monitoring well MW-2 was detected during the geophysical survey. The anomaly detected by the GPR is the mapped storm sewer in the area of the former well. Mid-State Construction reported that construction activities in this area excavated and removed approximately 10' of the site ground surface and fill materials. URS concludes that these construction activities resulted in the destruction of MW-2.
- No conclusive evidence of groundwater monitoring well MW-3 was detected during the geophysical survey. The anomaly detected by survey appears to be a manhole associated with a sanitary sewer mapped in the area of the former well. URS concludes that the construction activities that took place in the area of MW-3 resulted in the destruction of the well.

WELL DESTRUCTION ACTIVITIES

On February 22, 2007, URS geologist John McCain supervised a California licensed-driller (Gregg Drilling & Testing of Martinez, California) destroy groundwater monitoring well MW-1 by pressure grouting the well casing. Well destruction activity details are presented below.

Personnel Present:	URS Geologists John McCain (California Professional Geologist No. 8020).
Permits:	Alameda County Public Works Agency – Water Well Resources Well Permit # W2007-0137. A copy of the permit is included in Attachment B.
Drilling Company:	Gregg Drilling of Martinez, California (C-57 License # 485165).
Date of Destruction:	February 22, 2007.
Number of Wells:	One (MW-1)
Destruction Method:	The well was pressure grouted using a neat cement mixture according to Alameda County Public Works Agency well destruction guidelines.

Destruction Notes: MW-1 was pressure grouted from the bottom to the ground surface using a Tremie pipe applying 25 pound per square inch of pressure for five minutes. A copy of the Department of Water Resources (DWR) well completion report for MW-1 is included in Attachment C.

Soil and Water Handling: There were no soil cuttings or rinsate water produced during the destruction activities.

As discussed in the Monitoring Well Confirmation section of this letter, former groundwater monitoring wells MW-2 and MW-3 were destroyed during construction activities that took place during the redevelopment of the site between late 2005 and late 2006. A copy of the Department of Water Resources (DWR) well completion reports for MW-2 and MW-3 are included in Attachment C.

Based on the completion of well destruction, and as requested in the ACEHSA letter dated January 3, 2007, URS, on behalf of Regency, formally requests closure of the site in conjunction with an ACEHSA letter confirming "no further action" is required at this site.

We appreciate the opportunity to present this *Well Destruction Report* to the ACEHSA and RWQCB on behalf of Regency. Please feel free to contact the undersigned at (510) 874-1765 with any questions or comments.

Sincerely,

URS CORPORATION

John McCain, P.G.
Geologist

PROFESSIONAL GEOLOGIST
JOHN W. McCAIN
No. 8020
STATE OF CALIFORNIA

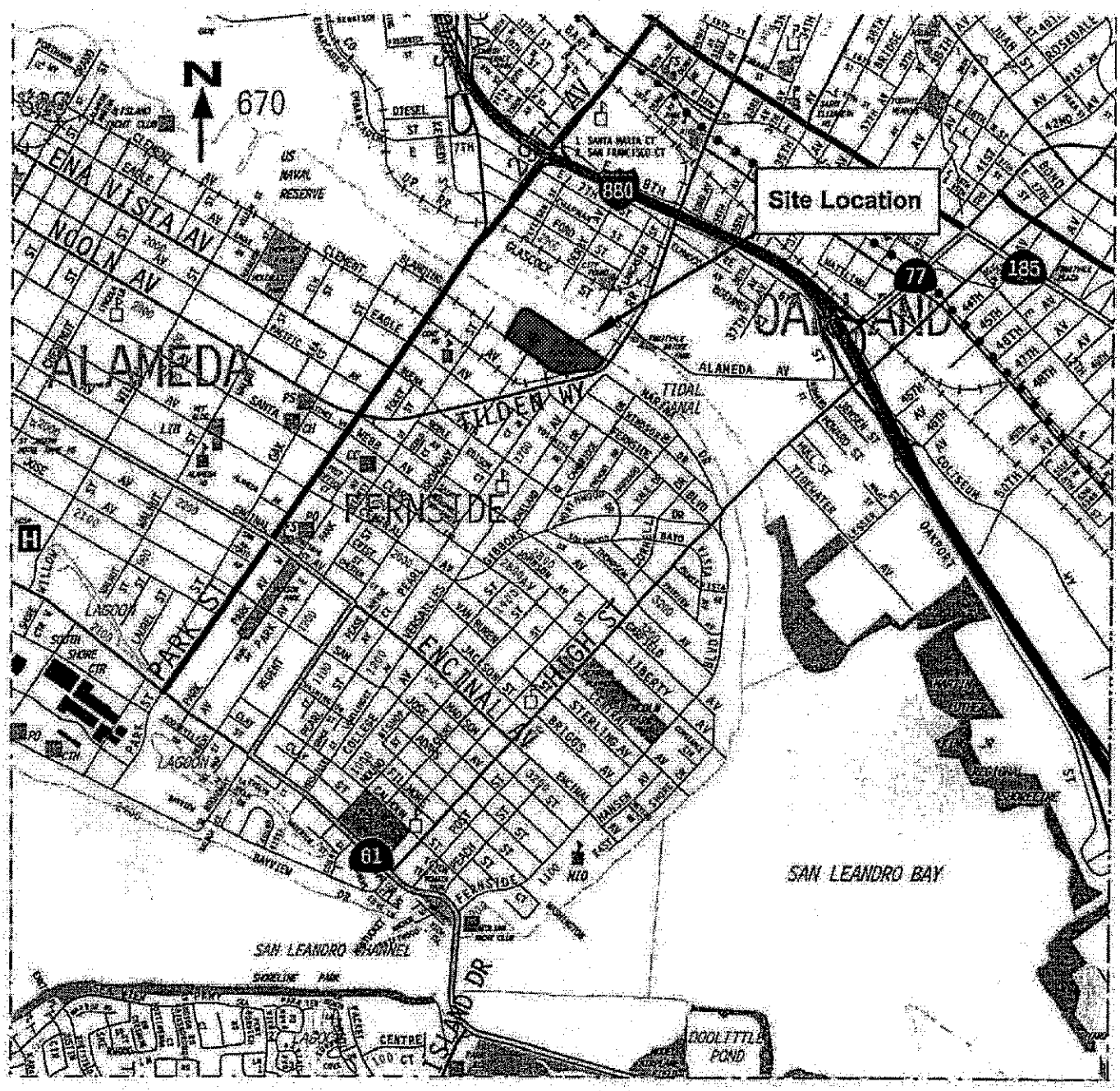
Lois Autie, P.E.
Project Manager

REGISTERED PROFESSIONAL ENGINEER
LOIS AUTIE
No. C68598
Exp. 9/30/07
CIVIL
STATE OF CALIFORNIA

Attachments:

Figure 1	Site Location Map
Figure 2	Site Plan and Monitoring Well Location Map
Table 1	Well Construction and Destruction Details
Attachment A	February 1 Geophysical Survey Photographs
Attachment B	ACPWD Well Destruction Permit
Attachment C	DWR Well Completion Reports

cc: Mr. Mike Taylor, Regency Centers, 1850 Mt. Diablo Blvd., #225, Walnut Creek, CA 94596
Mr. Scott Kyman, Regency Centers, 1850 Mt. Diablo Blvd., #225, Walnut Creek, CA 94596
Mr. James Yoo, Alameda County Public Works Agency, 399 Elmhurst St., Hayward, CA 94544

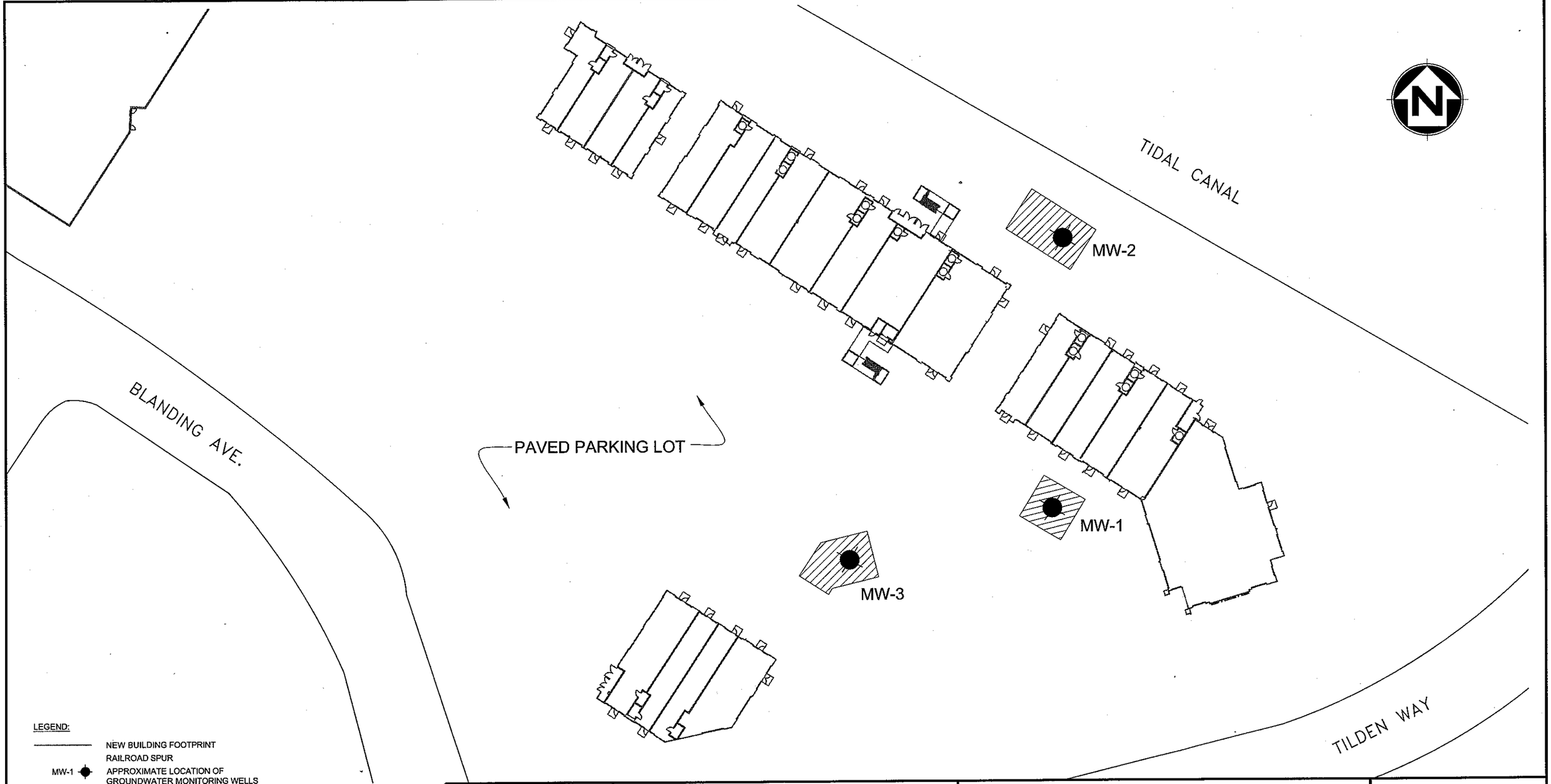


Base map from Thomas Bros Maps
Alameda, California, 1999

URS	Project No. 29403462 REGENCY ALAMEDA	SITE LOCATION MAP	FIGURE 1

Feb 27, 2007 – 4:54pm
X:\x_env_waste\Regency Centers\Alameda\WellDest2007\Report\Vic-Site-1.dwg

Feb 28, 2007 - 9:27am
X:\x_env_waste\Regency Centers\Alameda\WellDest2007\Report\New-Figure 2.dwg



URS	Project No. 29403462 REGENCY ALAMEDA	**APPROXIMATE LIMITS OF GEOPHYSICAL SURVEY**	FIGURE **2**

Summary of Well Construction and Destruction Details

Bridgeside Shopping Center
2523 - 2691 Blanding Avenue Alameda, CA
Well Destruction Details

No.	Well ID	Well Type	Well Diameter (inches)	Screened Interval Length (feet bgs)	Depth to bottom of boring (feet bgs)	Well Destruction Method
1	MW-1	Monitoring	2	5.5 - 24	24.00	Pressure Grout
2	MW-2	Monitoring	2	5.5 - 24	25.00	**
3	MW-3	Monitoring	2	4.5 - 24	25.00	**

Notes:

bgs = Below ground surface
** = MW-2 and MW-3 were destroyed during construction activities at the site.

Attachment A

February 1, 2007 Geophysical Survey Photographs

February 1, 2007 Geophysical Survey Photos

Photo 1 (MW-1). This photo shows the survey area located to the southwest of the site building, in front of space 2661-C. The approximate boundaries of the survey are indicated by the white spray paint markings/arrows on the pavement and the curb of the sidewalk. The photo was taken looking northeast.

Photo 2 (MW-1). The photo above shows the cut area in the asphalt parking lot where Mid-State Construction stated that MW-1 was buried beneath approximately 2' to 3' of base rock and asphalt cover. Photo was taken looking northeast.

Photo 3 (MW-2). The photo above shows the survey being conducted on the deck near MW-2. This photo was taken looking northeast.

Photo 4 (MW-2). The photo shows the survey area for MW-2 and the proximity of the area to the site building (Round Table Pizza). The survey area extended approximately 30' northwest, beyond the edge of the grass landscaped area and the concrete in the top central right portion of the photo. Photo was taken looking northwest.

Photo 5 (MW-2). The photo above shows a close-up view of the anomaly (indicated by the two black spray paint dots in the right-center of the photo, near the interface of the concrete and deck surfaces) detected by the GPR. The anomaly was not detected while using the metal detector in the area. An "X" comprised of duct-tape is located on the deck, near the right central portion of the photo, and denotes the approximate location of MW-2 as measured off of the URS site maps when compared to the utility plan as-built (Sheet C-6.2). The photo was taken looking north-northeast.

Photo 6 (MW-2). The photo above shows a second up-close view of the anomaly detected by the GPR near the interface of the concrete and deck surfaces (same feature shown in Photo 4). It is important to note that this anomaly appears to be located directly above the storm sewer mapped in the utility plan as-built (Sheet C-6.2) for the site. The photo was taken looking northeast.

Photo 7 (MW-3). The photo above shows the GPR survey is being performed in the survey area of MW-3. The survey was conducted around the entire boundary of the parking lot island shown in the center of the photo. Photo was taken looking southwest.

Photo 8 (MW-3). The photo above shows the survey area of MW-3. The anomaly identified in this area is denoted by the black spray paint shown on the asphalt pavement near the center of the photo. This photo was taken looking northeast.

Attachment B

ACPWA Well Destruction Permit (MW-1)

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 02/09/2007 By jamesy

Permit Numbers: W2007-0137
Permits Valid from 02/15/2007 to 02/28/2007

Application Id: 1170980905850
Site Location: 2523 - 2691 Blanding Avenue, Alameda, CA
Project Start Date: 02/12/2007
Extension Start Date: 02/15/2007
Extension Count: 2

City of Project Site: Alameda

Completion Date: 02/12/2007
Extension End Date: 02/28/2007
Extended By: jamesy

Applicant: URS - John McCain & Lois Actie
1333 Broadway #800, Oakland, CA 94612
Phone: 510-893-3600

Property Owner: Scott Kyman at Regency Centers
1850 Mt. Diablo Bl. #225, Walnut Creek, CA 94596
Phone: 925-279-1800

Client: ** same as Property Owner **

Total Due: $300.00
Receipt Number: WR2007-0068 **Total Amount Paid:** $300.00
Payer Name : Woodward-Clyde Consultants Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Well Destruction-Cathodic Protection - 1 Wells
Driller: Gregg Drilling - Lic #: 485165 - Method: other

Work Total: $300.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2007-0137	02/09/2007	05/13/2007	MW1	2.00 in.	0.00 in.	0.00 ft	24.00 ft			

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Compliance with the above well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate state reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days, including permit number and site map.

3. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

4. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities

or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

5. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

6. Pressure Grout with Cement (Less than 30 ft in depth. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.

7. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

Attachment C

DWR Well Completion Reports (MW-1, MW-2, MW-3)

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

DRILL RIG	Hollow Stem Auger	SURFACE ELEVATION	6.66' (note 4)	LOGGED BY	KF
DEPTH TO GROUNDWATER	5' (see note 3)	BORING DIAMETER	8 inches	DATE DRILLED	4/12/88

DESCRIPTION AND REMARKS	COLOR	CONSIST	SOIL TYPE	DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	UNCONFINED COMPRESSIVE STRENGTH (TSF)
5" A.C., 4" Base									
CLAY, silty, sandy (fine grained), very slight petroleum odor.	black-	stiff	CL	1–3		17			
CLAY, silty, sandy (fine grained)	grey-brown	very stiff	CL	4–6		25			
SAND (fine-medium grained), silty, trace of clay, moist	grey-brown	loose medium dense	SM	7–10		11			
		medium dense		11–13					
		dense-very dense		14–15		74			
				16–19		61			
				20					

Kaldveer Associates
Geoscience Consultants
A California Corporation

EXPLORATORY BORING LOG

ALPHA BETA GROUNDWATER CONTAMINATION
Alameda, California

PROJECT NO.	DATE	
KE998-1B	June 1988	Monitoring Well 1

DRILL RIG Hollow Stem Auger	SURFACE ELEVATION 6.66' (note 4)	LOGGED BY KF
DEPTH TO GROUNDWATER 5 feet (note 3)	BORING DIAMETER 8 inches	DATE DRILLED 4/12/88

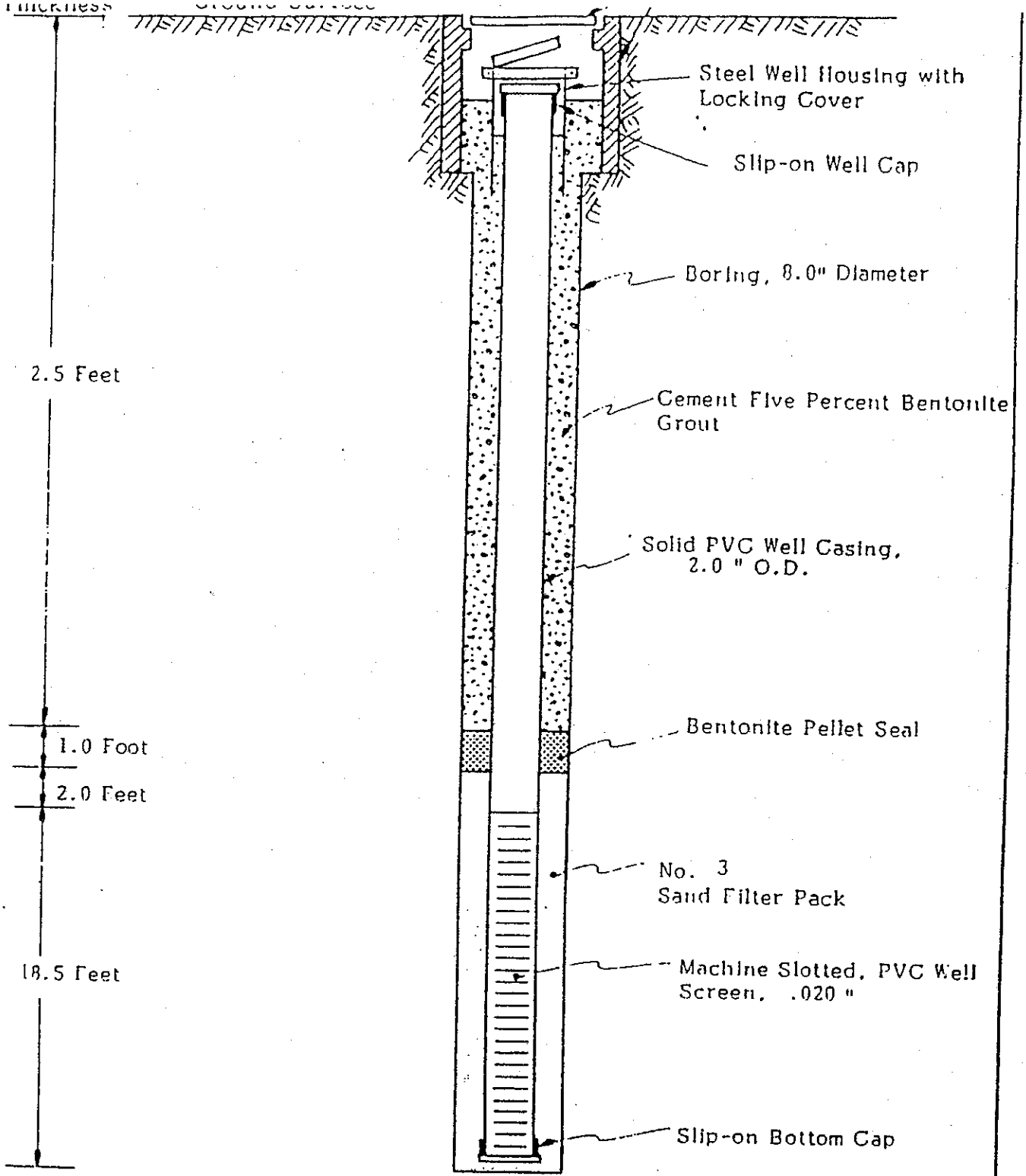
DESCRIPTION AND CLASSIFICATION				DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT.)	WATER CONTENT (%)	DRY DENSITY (PCF)	UNCONFINED COMPRESSIVE STRENGTH (KSF)
DESCRIPTION AND REMARKS	COLOR	CONSIST.	SOIL TYPE						
SAND (fine-medium grained), silty, trace of clay	grey-brown	dense-very dense	SM	21					
CLAY, silty, trace of sand (fine-coarse grained)	green-grey	very stiff	CL-CH	22					
				23					
				24					
Bottom of Boring = 24 Feet									
Notes:									
1. The stratification lines represent the approximate boundaries between soil types and the transition may be gradual.									
2. For an explanation of penetration resistance values, see Appendix A.									
3. The groundwater level was measured at 12 feet at time of drilling. Five hours later groundwater level was measured at 5 feet.									
4. Location of reference datum is explained in Appendix A and shown on figure 3.									
				25					
				26					
				27					
				28					
				29					
				30					
				31					
				32					
				33					
				34					
				35					
				36					
				37					
				38					
				39					
				40					

Kaldveer Associates
Geoscience Consultants
A California Corporation

EXPLORATORY BORING LOG

ALPHA BETA GROUNDWATER CONTAMINATION
Alameda, California

PROJECT NO.	DATE	
KE998-1B	June 1988	Monitoring Well No. 1



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A California Corporation

MONITORING WELL COMPLETION DETAIL

ALPHA BETA GROUNDWATER CONTAMINATION
Oakland, California

PROJECT NO.	DATE	Figure
KE998-1B	June 1988	MW-1

*Drilled to 24' bgs

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

DRILL RIG Hollow Stem Auger	SURFACE ELEVATION 4.82' (note 4)	LOGGED BY KF
DEPTH TO GROUNDWATER 9' (note 3)	BORING DIAMETER 8 inches	DATE DRILLED 4/12/88

DESCRIPTION AND CLASSIFICATION				DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	UNCONFINED COMPRESSIVE STRENGTH (KSF)
DESCRIPTION AND REMARKS	COLOR	CONSIST	SOIL TYPE						
CLAY, silty, sandy (fine grained)	dark brown-black	firm-stiff	CL	1–4		7			
CLAY, silty, sandy (fine grained)	grey-brown	stiff	CL	5–9		12	▽		
SAND (fine-medium grained)	grey-brown	dense	SM	10–20		44 (13), 56 (18)			

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A California Corporation

EXPLORATORY BORING LOG

ALPHA BETA GROUNDWATER CONTAMINATION
Alameda, California

PROJECT NO.	DATE	Monitoring Well No.
KE998-1B	June 1988	2

DEPTH TO GROUNDWATER 9' (note 3)	BORING DIAMETER 8 inches	DATE DRILLED 4/12/88

DESCRIPTION AND CLASSIFICATION				DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	UNCONFINED COMPRESSIVE STRENGTH (KSF)
DESCRIPTION AND REMARKS	COLOR	CONSIST.	SOIL TYPE						
SAND (fine-medium grained), some silt	grey-brown	dense	SM	21					
CLAY, silty, trace of sand and gravel	green-grey	very stiff	CL	22					
				23					
				24					
				25					
Bottom of Boring = 25 Feet				26					
				27					
Notes:				28					
1. The stratification lines represent the approximate boundaries between soil types and the transition may be gradual.				29					
2. For an explanation of penetration resistance values, see Appendix A.				30					
3. The groundwater level was measured at 11½ feet at time of drilling. Twenty-four hours after drilling groundwater level was measured at 9 feet.				31					
4. Location of reference datum is explained in Appendix A and shown on Figure 3.				32					
				33					
				34					
				35					
				36					
				37					
				38					
				39					
				40					

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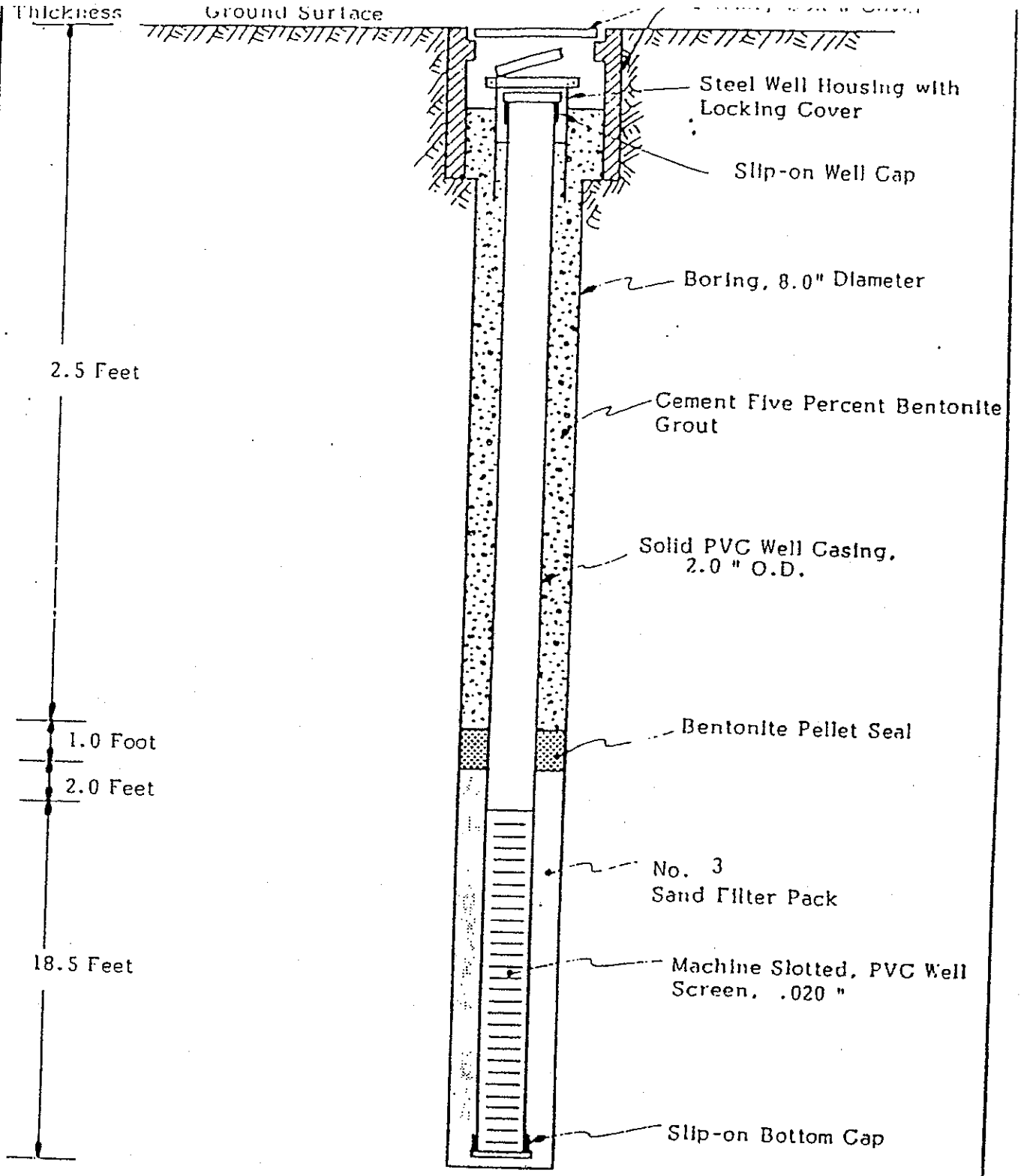
Geoscience Consultants
A California Corporation

EXPLORATORY BORING LOG

ALPHA BETA GROUNDWATER CONTAMINATION
Alameda, California

PROJECT NO.	DATE	Monitoring Well No.
KE998-1B	June 1988	2



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Geoscience Consultants
A California Corporation

MONITORING WELL COMPLETION DETAIL

ALPHA BETA GROUNDWATER CONTAMINATION
Alameda, California.

PROJECT NO.	DATE	Figure
KE998-1B	June 1988	MW-2

* Drilled to 25' bgs

CONFIDENTIAL

STATE OF CALIFORNIA DWR
WELL COMPLETION REPORT
(WELL LOGS)

REMOVED

DRILL RIG Hollow Stem Auger	SURFACE ELEVATION 4.87' (note 4)	LOGGED BY KF
DEPTH TO GROUNDWATER 6' (note 3)	BORING DIAMETER 8 inches	DATE DRILLED 4/13/88

DESCRIPTION AND REMARKS	COLOR	CONSIST	SOIL TYPE	DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	UNCONFINED COMPRESSIVE STRENGTH (TSF)
2½" A.C., 4" Base									
CLAY, silty, some sand (fine grained)	dark brown-black	stiff	CL	1–5		15			
CLAY, silty, sandy (fine grained)	grey-brown	stiff	CL-SC	5–10		18	▽		
SAND (fine-medium grained), with silt	grey-brown	medium dense	SM	10–20		24 / 32 / 85			

Kaldveer Associates
Geoscience Consultants
A California Corporation

EXPLORATORY BORING LOG

ALPHA BETA GROUNDWATER CONTAMINATION
Alameda, California

PROJECT NO.	DATE	Monitoring Well No.
KE998-1B	June 1988	3

DRILL RIG Hollow Stem Auger	SURFACE ELEVATION 4.87' (note 4)	LOGGED BY KF
DEPTH TO GROUNDWATER 6' (note 3)	BORING DIAMETER 8 inches	DATE DRILLED 4/13/88

DESCRIPTION AND CLASSIFICATION				DEPTH (FEET)	SAMPLER	PENETRATION RESISTANCE (BLOWS/FT)	WATER CONTENT (%)	DRY DENSITY (PCF)	UNCONFINED COMPRESSIVE STRENGTH (KSF)
DESCRIPTION AND REMARKS	COLOR	CONSIST.	SOIL TYPE						
SAND (fine-medium grained), some silt	grey-brown	dense	SM	21		85			
				22					
				23					
				24					
				25					
Bottom of Boring = 25 Feet				26					
				27					
				28					
				29					
				30					
				31					
				32					
				33					
				34					
				35					
				36					
				37					
				38					
				39					
				40					

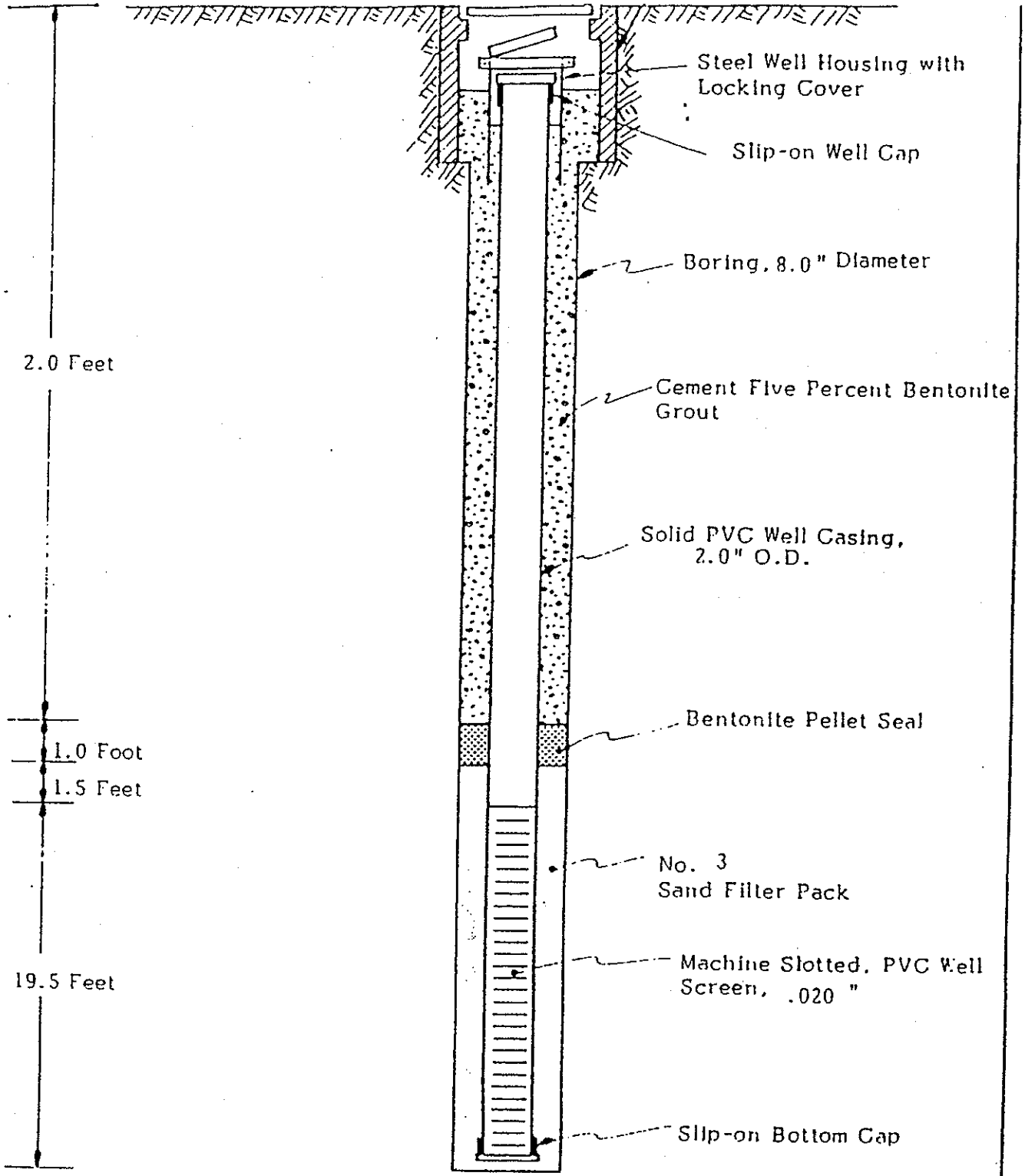
1. The stratification lines represent the approximate boundaries between soil types and the transition may be gradual.
2. For an explanation of penetration resistance values, see Appendix A.
3. The groundwater level was measured at 14½ feet at time of drilling. Six hours later groundwater level measured 6 feet.
4. Location of reference datum is explained in Appendix A and shown on figure 3.

Kaldveer Associates
Geoscience Consultants
A California Corporation

EXPLORATORY BORING LOG

ALPHA BETA GROUNDWATER CONTAMINATION
Alameda, California

PROJECT NO.	DATE	Monitoring Well No. 3
KE998-1B	June 1988	



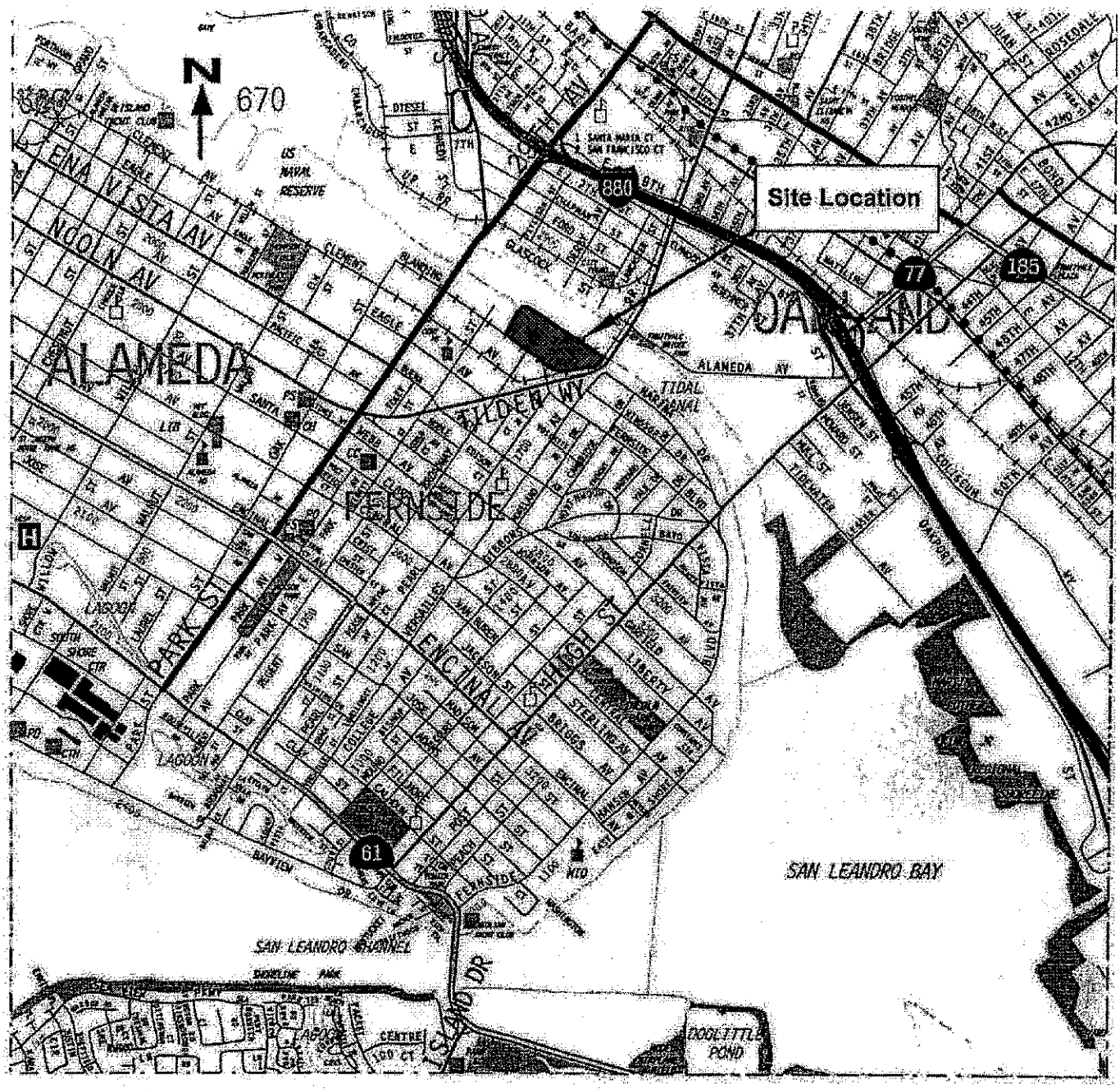
MONITORING WELL COMPLETION DETAIL

ALPHA BETA GROUNDWATER CONTAMINATION
Alameda, California

Kaldveer Associates
Geoscience Consultants
A California Corporation

PROJECT NO	DATE	Figure
KE998-1B	June 1988	MW-3

* Drilled to 25' bgs

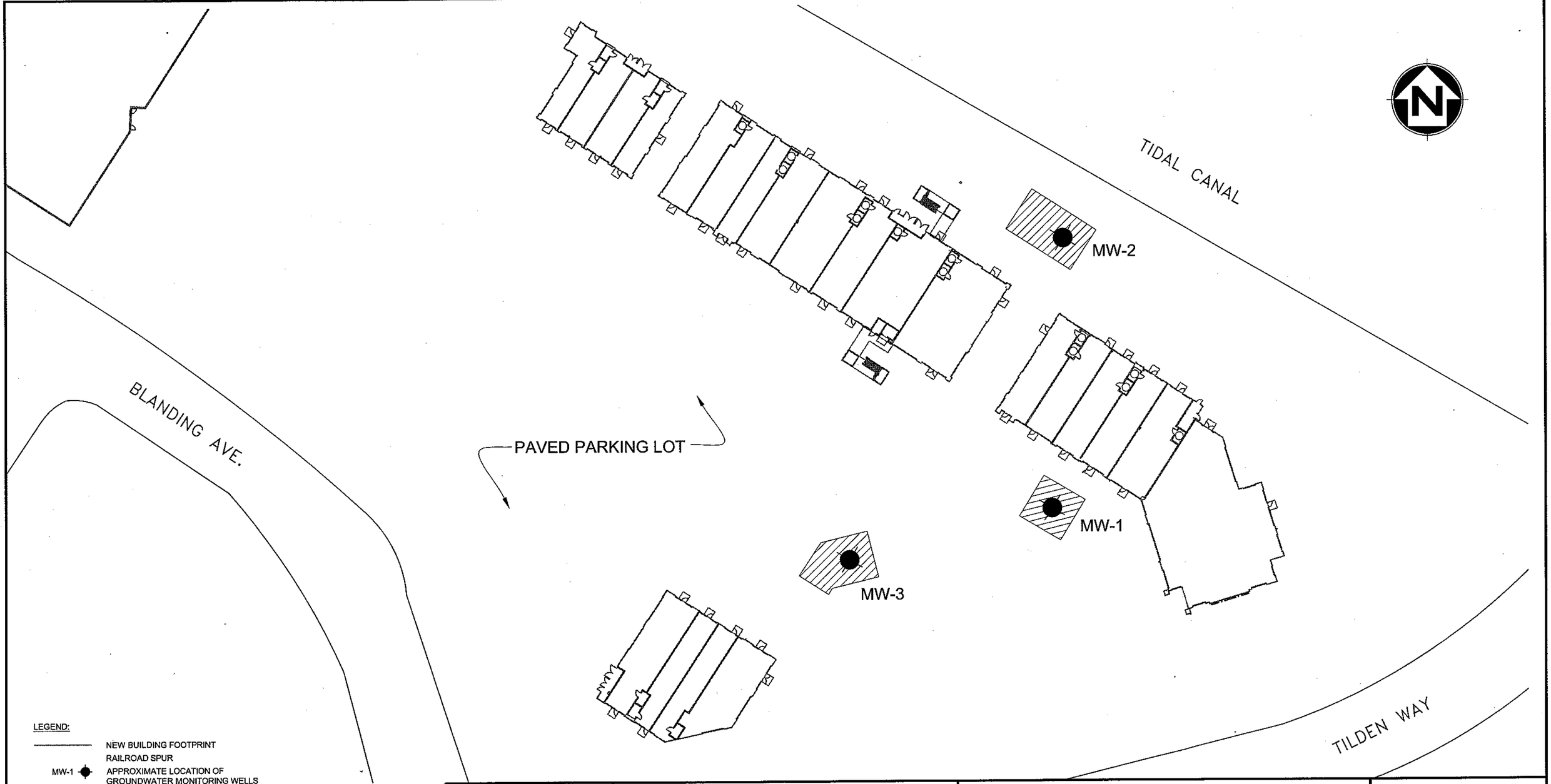


Base map from Thomas Bros Maps
Alameda, California, 1999

URS	Project No. 29403462 REGENCY ALAMEDA	SITE LOCATION MAP	FIGURE 1

Feb 27, 2007 -- 4:54pm
X:\x_env_waste\Regency Centers\Alameda\WellDest2007\Report\Vic-Site-1.dwg

Feb 28, 2007 - 9:27am
X:\x_env_waste\Regency Centers\Alameda\WellDest2007\Report\New-Figure 2.dwg



URS	Project No. 29403462 REGENCY ALAMEDA	**APPROXIMATE LIMITS OF GEOPHYSICAL SURVEY**	FIGURE **2**

ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT

5997 PARKSIDE DRIVE ♦ PLEASANTON, CALIFORNIA 94566 ♦ (415) 484-2600

GROUNDWATER PROTECTION ORDINANCE PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 2691 Glanding Ave.
Alameda
Alpha Beta Market

CLIENT
Name American Stores Properties Inc.
Address 520 Anaheim Blvd Phone 714-956-4400
City Anaheim, CA Zip 92805

APPLICANT
Name Kaldveer Assoc. *
Attn: Ken Ferrone
Address 425 Kalamath Phone 465-4004
City Oakland Zip 94621

DESCRIPTION OF PROJECT
Water Well Construction X Geotechnical X
Cathodic Protection ___ Well Destruction ___

PROPOSED WATER WELL USE
Domestic ___ Industrial ___ Irrigation ___
Municipal ___ Monitoring X Other ___

PROPOSED CONSTRUCTION
Drilling Method:
Mud Rotary ___ Air Rotary ___ Auger X
Cable ___ Other ___

WELL PROJECTS
Drill Hole Diameter 6 in. Depth(s) 25 ft.
Casing Diameter 2½ in. Number
Surface Seal Depth 4 ft. of Wells 3
Driller's License No. 407379

GEOTECHNICAL PROJECTS
Number 2
Diameter 6 in. Maximum Depth 30 ft.

ESTIMATED STARTING DATE 4-12-88
ESTIMATED COMPLETION DATE 4-13-88

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE Ken Ferrone Date 4-6-88

FOR OFFICE USE

PERMIT NUMBER 88131
LOCATION NUMBER

Approved Craig A. Mayfield Date 8 Apr 88
Craig A. Mayfield

PERMIT CONDITIONS

Circled Permit Requirements Apply

(A) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Notify this office (484-2600) at least one day prior to starting work on permitted work and before placing well seals.
3. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or bore hole logs and location sketch for geotechnical projects. Permitted work is completed when the last surface seal is placed or the last boring is completed.
4. Permit is void if project not begun within 90 days of approval date.

B. WATER WELLS, INCLUDING PIEZOMETERS
1. Minimum surface seal thickness is two inches of cement grout placed by tremie, or equivalent.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic, irrigation, and monitoring wells unless a lesser depth is specially approved.

C. GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material.

D. CATHODIC. Fill hole above anode zone with concrete placed by tremie, or equivalent.

(E) WELL DESTRUCTION. See attached.

* Kaldveer Associates' Representative:
Mr. Ken Ferrone

91987