

CITY OF SACRAMENTO

Permit No: 9715294

1231 I Street, Sacramento, CA 95814

Insp Area: 2

Site Address: 908 SECRET RIVER DR SAC

Sub-Type: COM

Parcel No: 0310620017

Housing (Y/N):

CONTRACTOR

NIAGARA POOL & SPA
4670 ALDONA LN
SACRAMENTO CA 95841
Phone: 916-481-1381

OWNER

LAKECREST VILLAGE
7236 GREENHAVEN DR
SACRAMENTO CA 95831
Phone:

ARCHITECT

Phone:

Nature of Work: INSPECTION OF POOL & SPA INSTALLATION (ORIG PERMIT #G10819)

CONSTRUCTION LENDING AGENCY: I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C).

Lender's Name _____ Lender's Address _____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class C53 License Number 550-755 Date 11/14/97 Contractor Signature [Signature]

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00);

____ I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his or her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he or she did not build or improve for the purpose of sale.)

____ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

____ I am exempt under Sec. _____ B & PC for this reason: _____

Date _____ Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

Date 11/14/97 Applicant/Agent Signature [Signature]

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

____ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

____ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier _____ Policy Number _____

____ (This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 11/14/97 Applicant Signature [Signature]

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

CITY OF SACRAMENTO
 APPLICATION FOR BUILDING PERMIT
 DEPARTMENT OF PLANNING AND DEVELOPMENT
 BUILDING INSPECTION DIVISION

97-15294

1231 I Street, Room 200
 Sacramento, CA 95814
 (916) 264-7619, FAX 264-7046

EXP. DATE

ADDRESS 908 ~~707~~ Secret. Ruen. Dr. P.C. # _____
 PARCEL # 031-0620-017 SUITE # _____
 AREA # 82c

CONTACT
 NAME Bill Howard
 ADDRESS 4670 Aldona Ln
 ZIP _____
 PHONE 487-1381 FAX: () _____

LICENSED CONTRACTOR
 NAME Nirvana Pool & Spa
 ADDRESS 4670 Aldona Ln
 ZIP 95841
 PHONE 487-1387

ARCH./ENG.
 NAME _____
 ADDRESS _____
 ZIP _____
 PHONE _____

OWNER/~~OWNER~~
 NAME C.B.M.C.
 ADDRESS 7236 Greenwood Dr.
 Sacramento ZIP 95831
 PHONE _____

WILL THE PERMITEE HAVE ANY EMPLOYEE'S ON THE JOBSITE? YES NO
 NATURE OF WORK IN DETAIL: Softly inspection
Inspection of Pool & Spa installation
(original permit # G10819)

D.B.A. _____ VALUATION _____
BELOW THIS LINE FOR ALDG. DEPT. USE ONLY

FLOOD STATUS _____ S.C.A.T. _____

JOB DESCR. BLDG SHEL APT II(-) REM() SW FIRE ADD OTH
 INSP. DISCIPLINES BLDG MECH PLUMB ELEC SITE FIRE

# OF STORES	AREA 1ST FL.	TOTAL AREA	USE ZONE	OCCUP. GROUP	CONST. TYPE	FIRE SPRINK.	FED. CODE	VIO. FILE
3	L	P	M	E	F	S	D	R

COMMENTS: Elect Final
Bldg
Structural Eng signed letter

WORKERS COMP POLICY # COMPANY

December 1, 1997

Re: 908 Secret River Drive, Sacramento, CA

Lakecrest Village Apartments
c/o Eugene Burger Management Corporation
481 Via Hidalgo
Greenbrae, CA 94904

To Whom It May Concern:

Subject: Swimming Pool Permits, G10818/G10819

This report was prepared in accordance with our scope of work dated November 17, 1997. The purpose of this report is to obtain a delayed Structural finalization of two building permits applied for the construction of two pools and one spa in September and October of 1979. The documentation is necessary to allow a proposed change of ownership.

We have visited the above site and reviewed certain documents pertaining to the pool construction and I have the following comments:

We have contacted the Department of Realty regarding any soil report specific to this site. The Department informed us that the files were destroyed 15 years after the inception of this project. However, we traced the original consultant Geomechanics, Inc. to a company now called Anderson Consultants Group. We asked for detailed soil information regarding the active lateral soil pressure for the design of swimming pools. Tom Blackburn of the aforementioned company could not find any values for the active pressure in the file. Therefore we assumed the minimum design active pressure of 30 pounds equivalent fluid pressure as required in section 2308(b) of the Uniform Building Code (UBC), 1976 edition which was enforced at that time.


- 1) The as built configuration and depth of the existing pools and spa conforms to the drawings on file with the building department.
- 2) We analyzed the structural drawing prepared by Gordon Klippel, Structural Engineer in accordance with the requirements of UBC, 1976 edition. The design is adequate for the above-assumed active soil pressure and the depth of pool. See attached calculations. The required reinforcement coverage complies with the recommendations of the American Concrete Institute (ACI) standard 506.2-77 for shotcrete.
- 3) The spa, adjacent to the recreation building shows cracks in the floor and seat. It appears the spa was built in fill material, which could explain the appearance of

the cracks due to differential settlements. I also observed the stump of a tree, which could have caused lifting due to root penetration. There is no design reference for the construction of the spa in the file. I have no knowledge, if the cracks leak any water at this time. I recommend the repair of these cracks in order to prevent and or abate any leakage, which could cause erosion problems.

The existing pools do not show any visible cracks at this time, which were filled with water during our observation. This performance over the past 18 years indicates that the pools appear to be constructed in accordance with the design drawing. I do not believe that nondestructive testing is necessary to verify rebar location and the thickness of the shotcrete shell.

I did not review or observe the barrier requirements around the existing pools and spa in compliance with appendix 4 of the UBC, 1994 edition.

Sincerely,



George W. Sening, RCE 31151
General Partner
Enclosure (1)



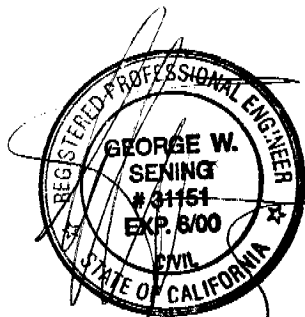
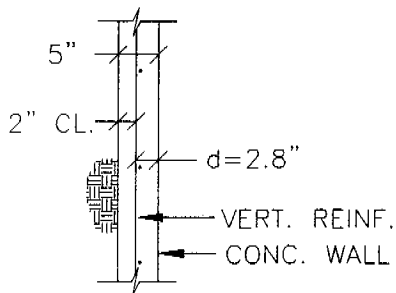
AVERAGE SOIL - DEEP END
EQUIV. FLUID PRESS = 30 PCF

NOTES:

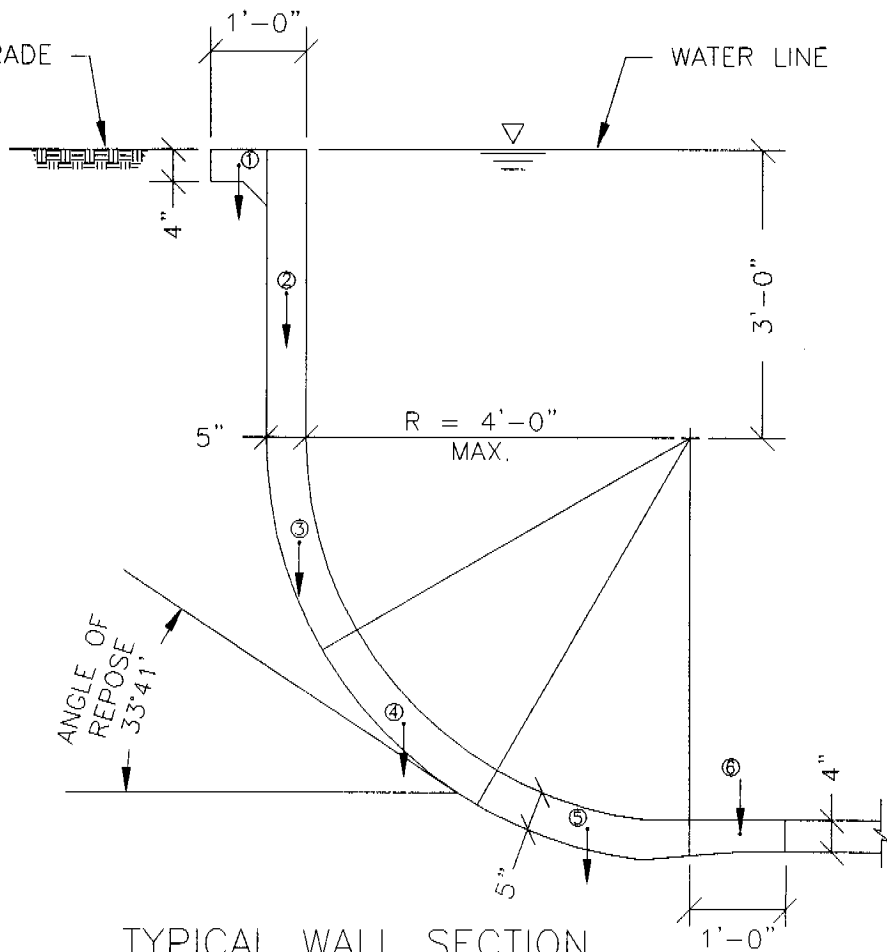
Δx = HORIZ. DISTANCE
BETWEEN ANY
TWO PTS. (FT.)

h = VERT. DISTANCE
OF ANY POINT
FROM TOP OF SOIL

W = WEIGHT OF CONCRETE
SECTION, $V \times 150$ PCF



DEC 01 1997



TYPICAL WALL SECTION
SCALE: 1/2" = 1'-0"

ITEM	V=VOLUME (ft ³)	W (#)	ΣW (#)	Δx (ft)	M_r (LB-FT)	ΣM_r (LB-FT)	h (ft)	$M_o = wh^3/6$ (LB-FT)	$M = M_o - M_r$ (LB-FT)	$A_{st} = M/1.44d$ (IN ² /ft)	BARS
1	0.19	29	29				0.33				#3 @ 12" O.C. $A_s = 170$
				0.50							
2	1.25	188	217		15	15	1.50	17	2	0.00	#5 @ 6" O.C. $A_s = 220$
				0.16							
3	0.94	141	357		35	49	4.10	345	295	0.07	
				1.05							
4	0.88	131	489		375	424	6.00	1080	656	0.17	
				1.90							
5	0.88	131	620		928	1353	7.10	1790	437	0.11	
				1.60							
6	0.42	63	682		992	2344	7.10	1790	$M_r > M_o$	-	

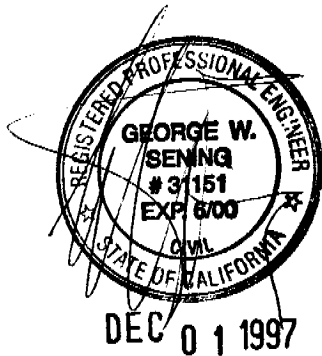
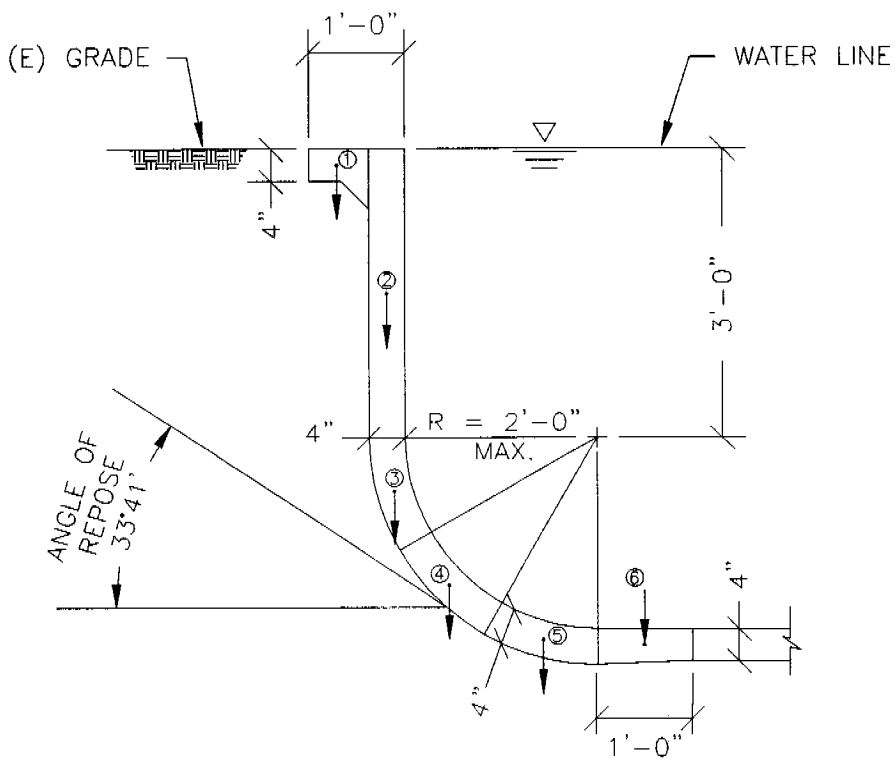
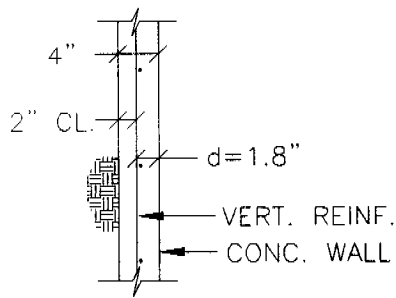
AVERAGE SOIL - SHALLOW END
EQUIV. FLUID PRESS = 30 PCF

NOTES:

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SECTION, $V \times 150$ PCF



TYPICAL WALL SECTION
SCALE: 1/2" = 1'-0"

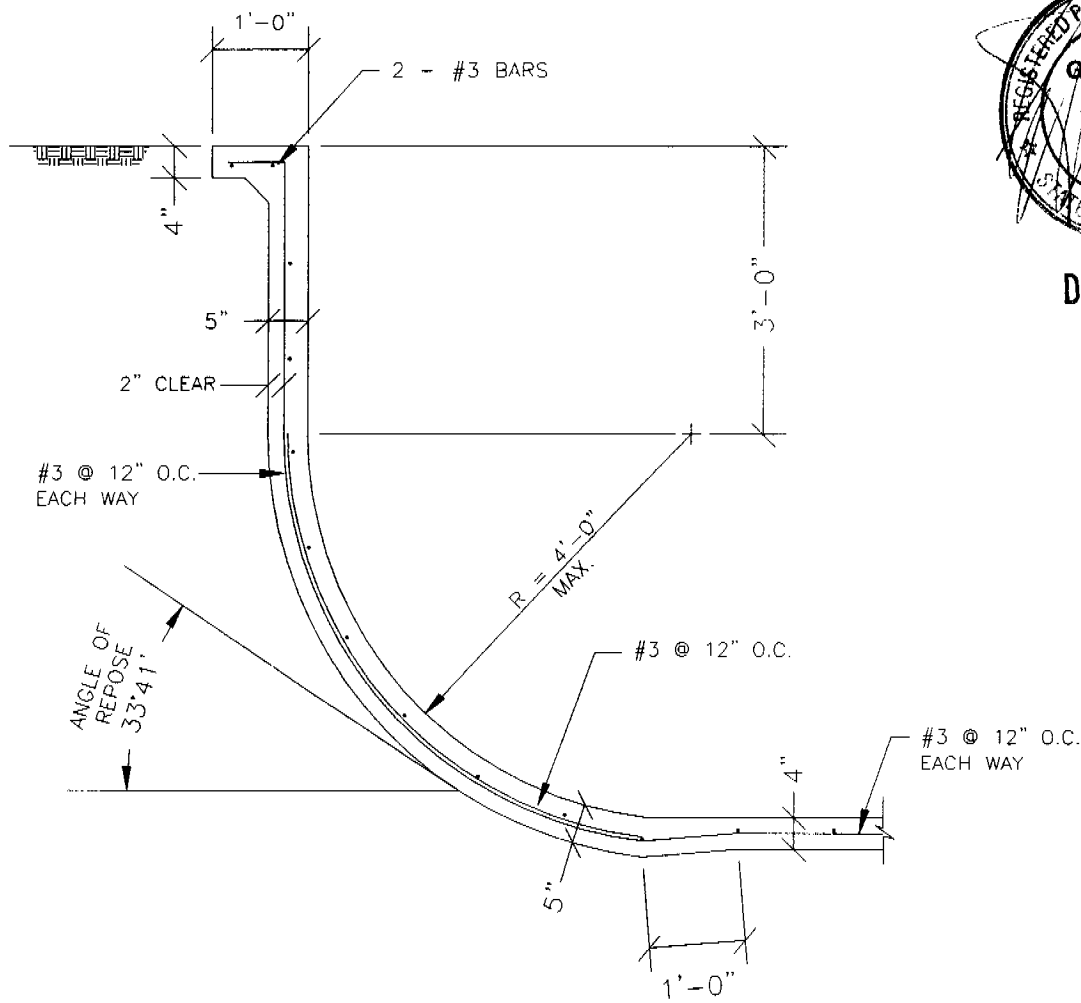
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1	0.19	29	29				0.33				#3 @ 12" O.C. $A_s = 1.10"$
2	1.00	150	179	0.50	15	15	1.50	17	2	0.00	
3	0.42	63	242	0.13	23	38	3.63	345	307	0.08	#3 @ 12" O.C. $A_s = 1.10"$
4	0.42	63	304	0.63	152	190	4.50	456	266	0.07	
5	0.42	63	367	1.00	304	494	5.13	675	181	0.05	
6	0.33	50	417	1.00	367	861	5.13	675	$M_r > M_o$	-	

**KLIPPEL & SENING
ENGINEERING, LTD.**

716 ALHAMBRA BLVD.
SACRAMENTO, CALIFORNIA 95816
(916) 444-5976

JOB 9739
SHEET NO. 3 OF 3
CALCULATED BY AM DATE 11/26/97
CHECKED BY GS DATE 11/26/97
SCALE LAKECREST VILLAGE APTS.

EXISTING POOL WALL
DEEP END



DEC 01 1997

TYPICAL WALL SECTION

SCALE: 1/2" = 1'-0"

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JOB 9739

SHEET NO. 1 OF 3

CALCULATED BY AM DATE 11/26/97

CHECKED BY GS DATE 11/26/97

SCALE LAKECREST VILLAGE APTS.

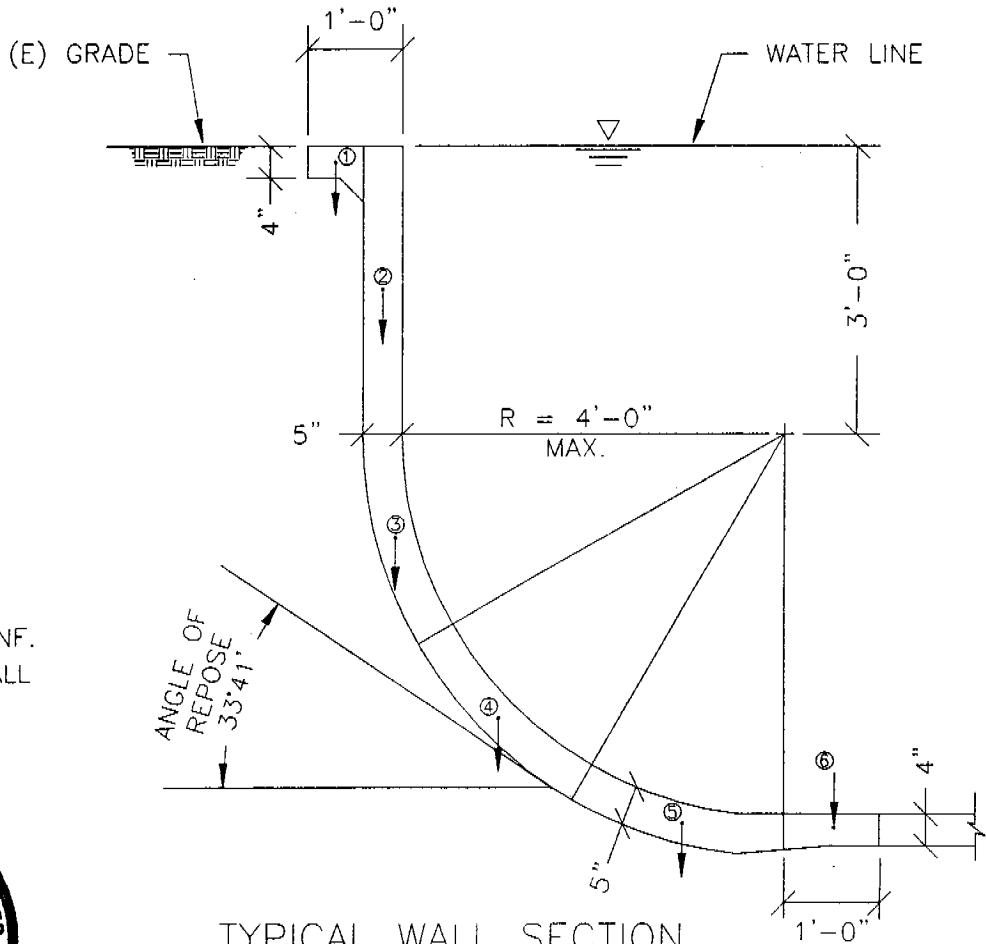
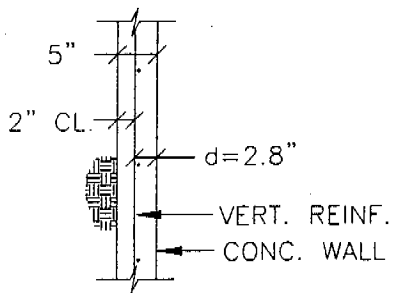
AVERAGE SOIL - DEEP END
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TYPICAL WALL SECTION
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DEC 01 1997

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JOB 9739
SHEET NO. 2 OF 3
CALCULATED BY AM DATE 11/26/97
CHECKED BY GS DATE 11/26/97
SCALE LAKECREST VILLAGE APTS.

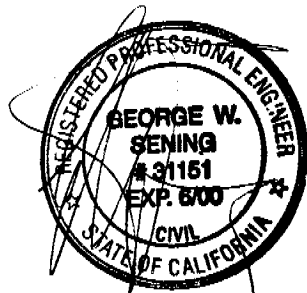
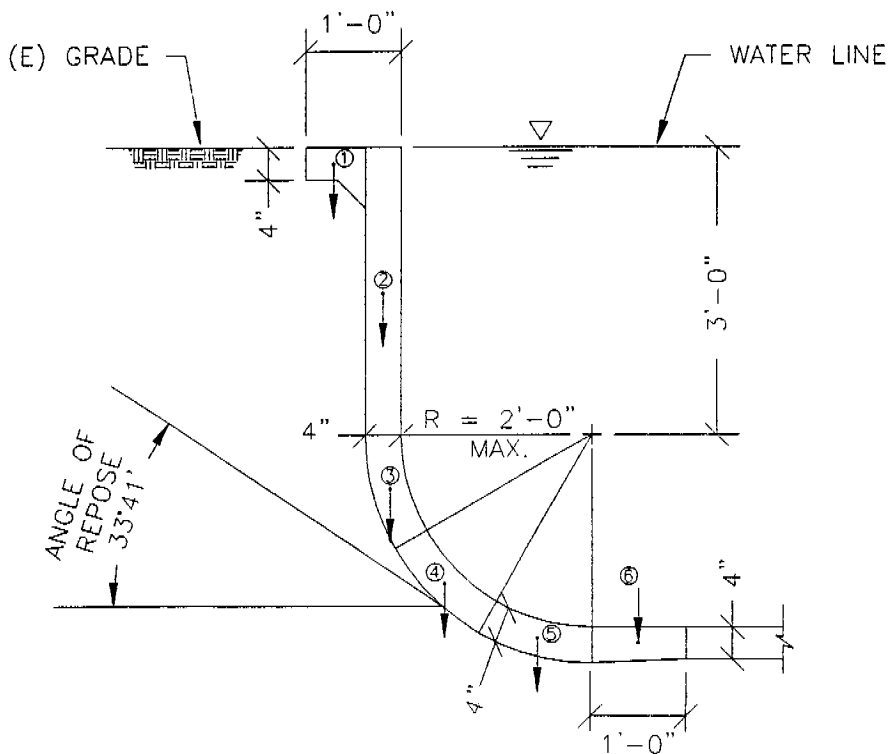
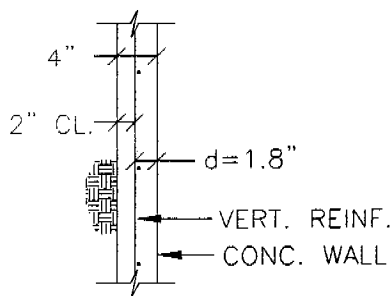
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SCALE: 1/2" = 1'-0"

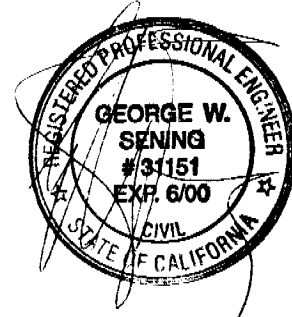
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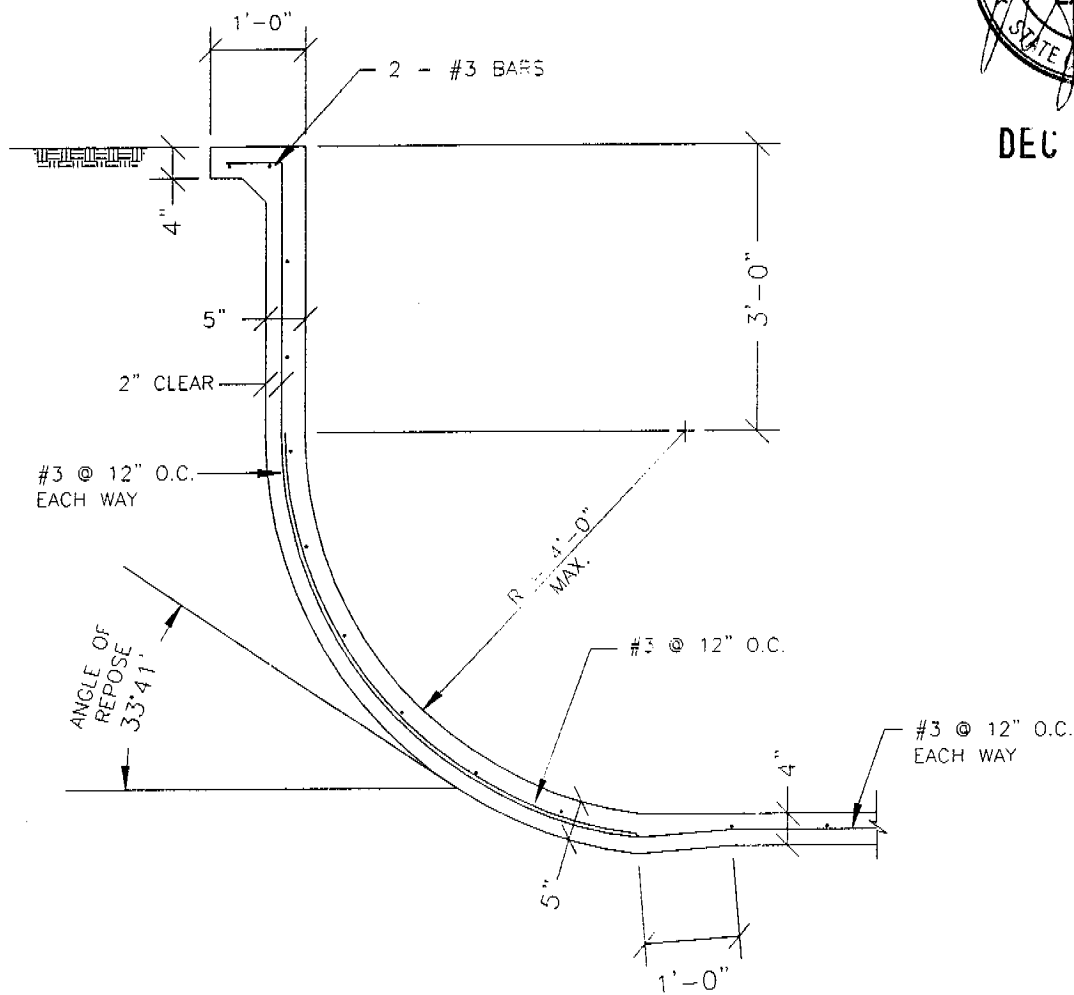
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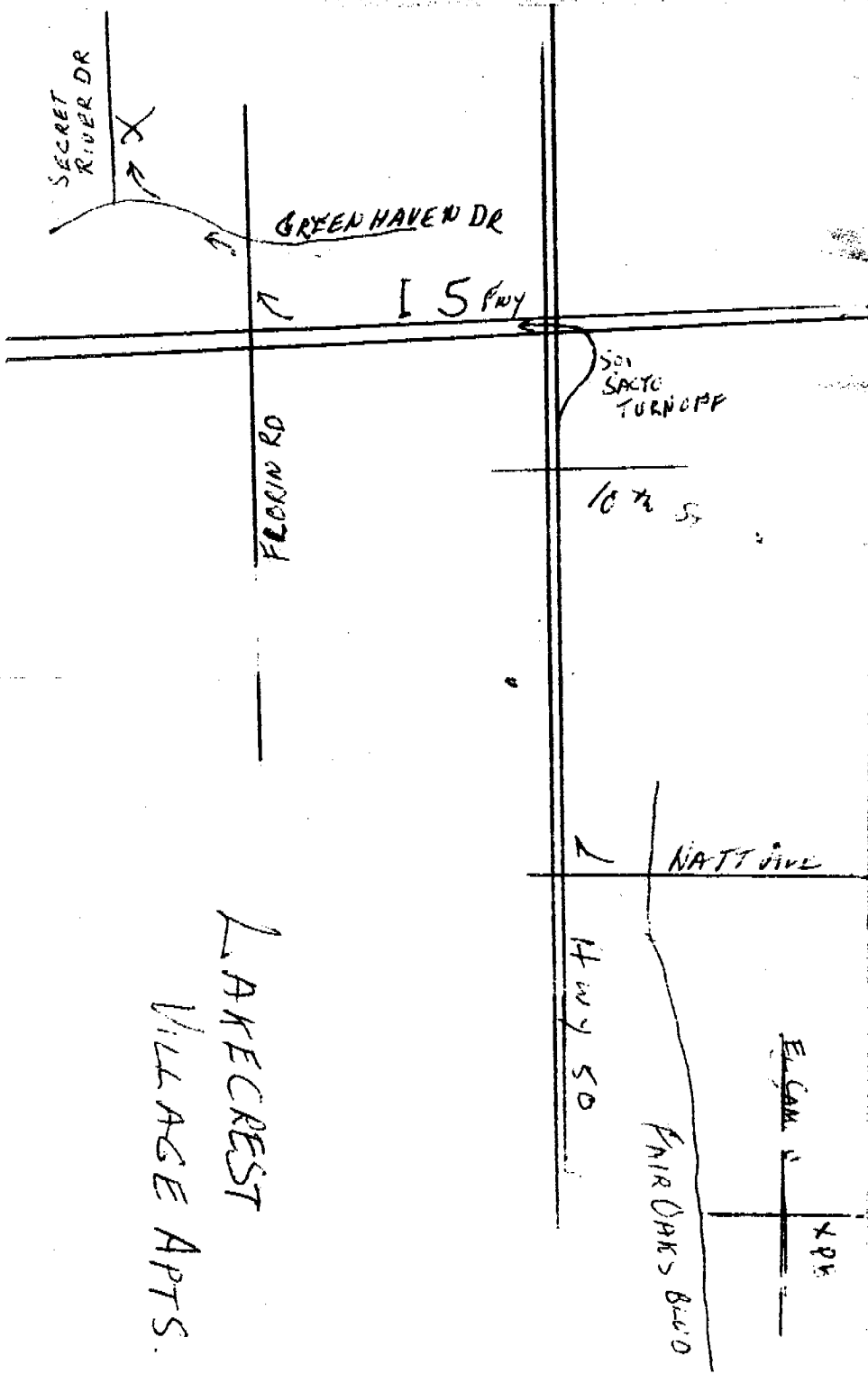
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DEC 01 1997



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LAKECREST
VILLAGE APTS.