COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY / LAND DEVELOPMENT

LOMITA/LENNOX # 1200
24320 NARBONNE
LOMITA CA
PHONE: (310) 534-3760 EXT:

BUILDING PERMIT
RESIDENTIAL ADD
BL 1200 9801270020

LEGAL ID:
TR: 31435 LT: 2 UN: 5

ASSESSOR INFORMATION NUMBER:
7548-022-033

TENANT:

OWNER: TEL. NO:
ANDERSON WAYNE M;BONNIE J (310) 541-7662-
3623 HIDDEN LN
PALOS VERDES 90274

APPLICANT: TEL. NO:
SAME AS OWNER -

CONTRACTOR: TEL. NO:
SAME AS OWNER -
LIC. NO

ARCHITECT OR ENGINEER: TEL. NO:
PALOS VERDES ENGINEERING (310) 514-1094-
25720 HAWTHORNE BL, STE. 130 LIC. NO:
ROLLING HILLS EST., CA 90274 *

MAP NO: SEWER MAP BOOK: PAGE: FIRE ZONE: CMP:
033-181 3 01

NO. OF FAMILIES: DWELLING UNITS: APT/COND: STAT CLASS:
YES 21

AIR QUALITY:	SCHOOL WITHIN 1000 FEET	HAZARDOUS MATERIALS
NO	NO	NO

REQUIRED SET BACK	YARD:	HWY:	TOTAL SETBACK FROM PROP LINE:	EXIST WIDTH:
FRONT PL-	0	0	0	0
SIDE PL-	0	0	0	0

	SQ. FT	NO. OF STORIES	CONST TYPE	NEW OCCUP GROUP
STRUCTURE:	130	2	VN	R3
GARAGE:				
OTHER:				

EXIST BLDG USE: USE ZONE: R-1
EXIST OCC GRP:

BLDGS. NOW ON LOT: VALUATION:
1 5,000

FEES PAID

FEE DESCRIPTION:	QUANTITY:	UOM:	AMOUNT:
AA BLDG PERMIT ISSUANCE			18.70
AC STRONG MOTION RESID	5000.00	VAL	0.50
D1 PLANCHECK W/O EN-HC	5000.00	VAL	76.24
D2 PERMIT W/O EN-HC	5000.00	VAL	89.70
	TOTAL FEES		185.14

* ADDITIONAL DATA ON FILE

REPORT ID: DPR261 ROUTE TO: BS1200

BUILDING ADDRESS:
3623 HIDDEN LN W B
LACO CA 902747300
NEAREST CROSS STREET: CRENSHAW
THOMAS PAGE: 793 GRID: E6 LOCALITY: PALOS VERDES

ISSUED ON:	PROCESSED BY:	EXPIRES ON:
01/27/98	SH	01/27/99

FINAL DATE	FINAL BY:	CODE:
6-1-98	Woode	

DESCRIPTION OF WORK
ADD STORAGE ROOM 130 S.F. & NEW RETAINING WALL 19.5 L.F.

SPECIAL CONDITIONS:

APPROVALS	DATE	INSPECTOR SIGNATURE
LOCATION AND SETBACKS		
SOILS ENGINEER APPROVAL		
FOUNDATION/TRENCH FORMS		
SLAB/UNDER FLOOR	5/27/98	Woode
RAISED FLOOR FRAMING		
UNDERFLOOR INSULATION		
1ST LEVEL FLOOR SHEATH		
2ND LEVEL FLOOR SHEATH		
ROOF SHEATHING		
FIRE DEPT. FRAME INSPECT		
BLDG DEPT. FRAME INSPECT		
SHEAR PANELS		
INSULATION/WEATHER STRIP		
INTERIOR LATH/DRYWALL		
EXTERIOR LATH		
LOT DRAINAGE		
SMOKE DETECTION DEVICES		
FIRE DEPARTMENT APPROVAL		

LICENSED CONTRACTOR'S 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 _____ Lic. No. _____

Contractor's Signature _____ Date _____

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 3 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).):

☐ I am exempt under Sec. _____ , B.& P.C. for this reason:

_____

_____

[Electrical, Plumbing & Sewer Permits Only]

☐ I, as owner of the property, will do the work, and the structure is not intended or offered for sale (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 does such work himself or herself, 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.).

[All Other Permits]

☐ I, as 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 Professions Code: The Contractors License 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.).

Wayne Ard — 1-27-98

Owner Signature — Date

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 worker's compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

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

Carrier _____

Policy Number _____

☐ 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 worker's compensation laws of California, and agree that if I should become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Wayne Ard — 1-27-98

Applicant Signature — Date

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 FEES.

LOBBYIST ORDINANCE CERTIFICATION

[Complete this section for permits in unincorporated Los Angeles County only]

This is to certify that I, as permit applicant, am familiar with the requirements of Los Angeles County Code Chapter 2.160 et seq., (relating to the Los Angeles County Lobbyist Ordinance) and that all persons acting on behalf of myself complied and will continue to comply therewith through the application process.

WAYNE ANDERSON — Wayne Ard

Applicant (Print Name) — Applicant Signature

_____ — 1-27-98

Company Name (if employed by an entity/agency) — Date

JOB ADDRESS: 3623 HIDDEN LN # B

LOCALITY: PALOS VERDES PNSL. 90274

HAZARDOUS MATERIAL DECLARATION

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material equal to or greater than the amount specified on the hazardous materials information guide?

Yes ☐ No ☐

Will the intended use of the building by the applicant or future building occupant require a permit for construction or modification from the South Coast Air Quality Management District (SCAQMD)? See permitting checklist for guidelines.

Yes ☐ No ☐

I have read the hazardous materials information guide and the SCAQMD permitting checklist, I understand my requirements under the Los Angeles County Code Title 2, Chapter 220 Sections 220.100 through 220.140 concerning hazardous material reporting and for obtaining a permit from the SCAQMD.

ASBESTOS NOTIFICATION

☐ Notification letter sent to SCAQMD or EPA

☐ I declare that notification of asbestos removal is not applicable to addressed project.

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 _____

I certify that I have read this application and state under the penalty of perjury that the above information is correct. I agree to comply with all City and County ordinances and State laws relating to building construction, and hereby authorize representatives of this County to enter upon the above-mentioned property for inspection purposes.

Wayne Ard — 1-27-98

Applicant or Agent Signature — **Date**

COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY / LAND DEVELOPMENT

LOMITA/LENNOX
24320 NARBONNE
LOMITA CA
PHONE: (310) 534-3760 EXT:

1200

ELECTRICAL PERMIT
EL 1200 9801270013

LEGAL ID:
TR: 31435 LT: 2 UN: 5

ASSESSOR INFORMATION NUMBER:
7548-022-033

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25720 HAWTHORNE BL, STE. 130 LIC. NO:
ROLLING HILLS EST., CA 90274 *

FEES PAID

FEE DESCRIPTION:	QUANTITY: UOM:	AMOUNT:
A1 PERMIT ISSUANCE FEE		18.70
G1 OUTLETS-LGT,SW,RECP	7.00 OUT	9.80
G2 LIGHTING FIXTURES	3.00 LGT	4.20
	TOTAL FEES	32.70

* ADDITIONAL DATA ON FILE

REPORT ID: DPR265 ROUTE TO: BS1200

BUILDING ADDRESS:
3623 HIDDEN LN W B
LACO CA 902747300
NEAREST CROSS STREET: CRENSHAW
THOMAS PAGE: 793 GRID: E6 LOCALITY: PALOS VERDES

ISSUED ON:	PROCESSED BY:	PLAN BY:	EXPIRES ON:
01/27/98	SH		01/27/99

FINAL DATE	FINAL BY:	CODE:
6-1-98	Work	

DESCRIPTION OF WORK
ADD STORAGE ROOM 130 S.F. & NEW RETAINING WALL 19.5 L.F.

SPECIAL CONDITIONS:

APPROVALS	DATE	INSPECTOR SIGNATURE
TEMPORARY POWER POLE		
UNDERGROUND CONDUIT		
UFER GROUND		
ROUGH CONDUIT		
ROUGH WIRING		
MAIN WATER LINE PLASTIC Y/N METAL Y/N		
UTILITY COMPANY NOTIFIED		

LOS ANGELES COUNTY PUBLIC WORKS Public Service That Works

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Wayne Anderson 1-27-98

Owner Signature Date

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

Carrier _____

Policy Number _____

☐ 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 worker's compensation laws of California, and agree that if I should become subject to the worker's compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Wayne Anderson 1-27-98

Applicant Signature Date

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Wayne Anderson Wayne Anderson

Applicant (Print Name) Applicant Signature

_____ _____

Company Name (if employed by an entity/agency) Date

JOB ADDRESS 3623 Hidden Ln. #B
LOCALITY Palos Verdes Pnsl. 90274

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Wayne Anderson 1-27-98

Applicant or Agent Signature **Date**

PALOS VERDES Engineering

Civil and Structural Consulting

27520 Hawthorne Blvd.
Suite 130
Rolling Hills Estates
California 90274
pvec@earthlink.net

310 541 5055
310 541 0321 FAX

Structural Calculations
Retaininig Wall

PREPARED FOR
ANDERSON RESIDENCE
3623 HIDDEN LANE, UNIT B
PALOS VERDES ESTATES, CA 90274

REGISTERED PROFESSIONAL ENGINEER
RICK A. MORALES
No. C40289
Exp. 12/31/98
CIVIL
STATE OF CALIFORNIA

RICK A. MORALES
RCE C40289, EXP. 12-31-98

WILLIE RODRIGUEZ
PROJECT ENGINEER

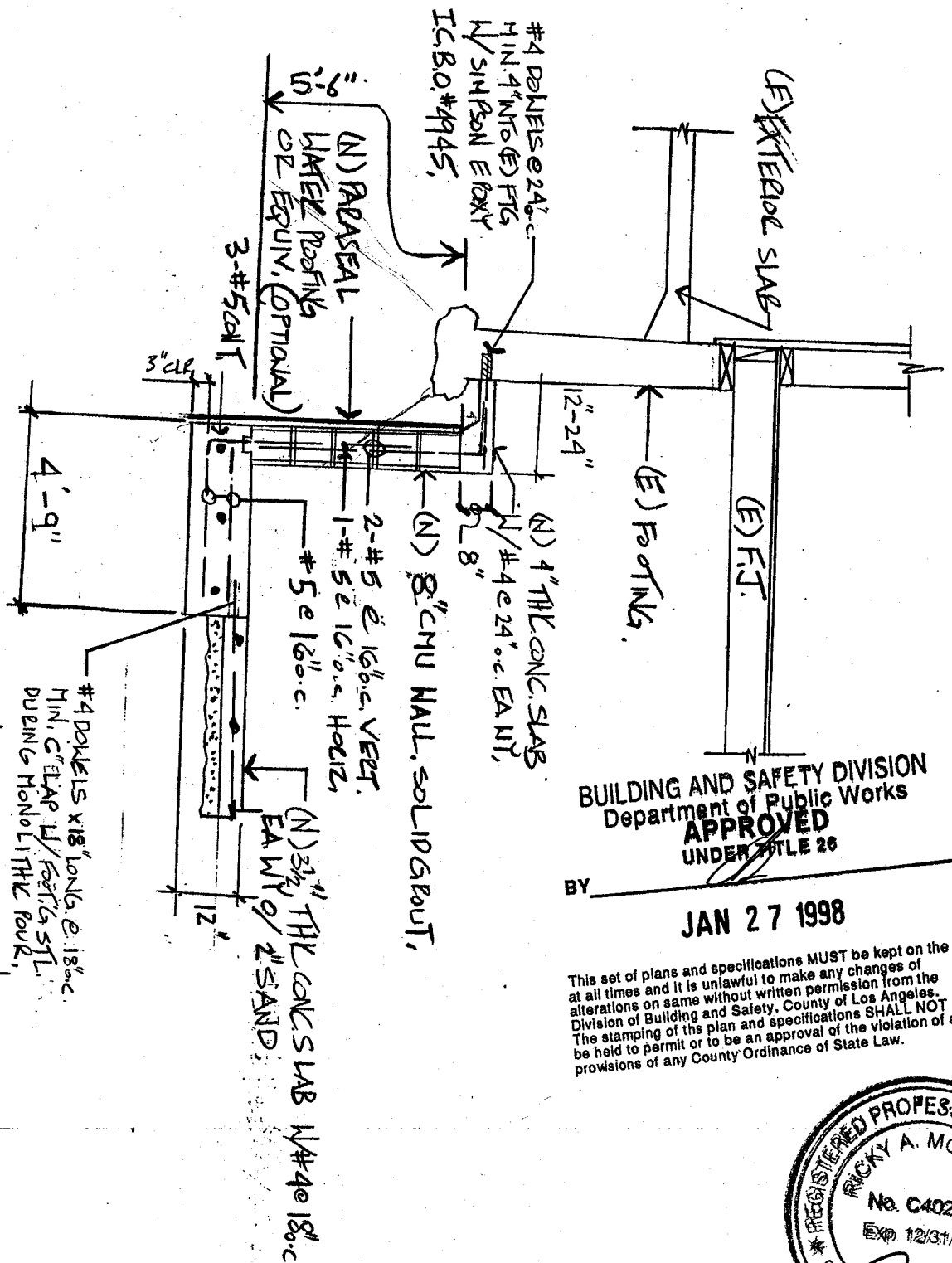
JANUARY 8, 1998

PVEC FILE NO. 5-98-012

Palos Verdes Engineering Corporation
Consulting Structural Engineers

27520 Hawthorne Blvd., Suite 130 • Rolling Hills Estates, CA 90274
Telephone (310) 541-5055 • Fax (310)541-0321

JOB 698-012
SHEET NO 3 OF
CALCULATED BY W.P. DATE 1-8-98
CHECKED BY DATE
SCALE 3/8" = 1'-0"



RETAINING WALL
SCALE: 3/8" = 1'-0"

BUILDING AND SAFETY DIVISION
Department of Public Works
APPROVED
UNDER TITLE 26
BY
JAN 27 1998

This set of plans and specifications MUST be kept on the job at all times and it is unlawful to make any changes of alterations on same without written permission from the Division of Building and Safety, County of Los Angeles. The stamping of ths plan and specifications SHALL NOT be held to permit or to be an approval of the violation of any provisions of any County Ordinance of State Law.

REGISTERED PROFESSIONAL ENGINEER
RICKY A. MORALES
No. C40289
Exp. 12/31/98
CIVIL
STATE OF CALIFORNIA

PALOS VERDES ENGINEERING CORPORATION

27520 HAWTHORNE BOULEVARD, SUITE 130 * ROLLING HILLS ESTATES, CALIFORNIA 90274

TELEPHONE (310) 541-5055 * FAX (310) 541-0321

Project Name: ANDERSON RESIDENCE *PVEC File No.* 5-98-012

Address: 3623 HIDDEN LANE, #B *Date:* JAN. 8, 1998

PALOS VERDES ESTATES, CA 90274

1.0 DATA

Code: *1994 Uniform Building Code*

Timber: *Douglas Fir No. 1 Larch, Horiz. Framing, unless noted.*

Glue Laminated Beams: *Species Df, 24F-V4 (DF/DF).(N/A)*

Concrete: *F'c=2000 psi @ 28 days per ACI 318.(Footing, Slab)*

Concrete Block: *F'm=1350 psi, ASTM C-90, Grade N.*

Mortar: *1800 psi @ 28 days.*

Grout: *2000 psi @ 28 days.*

Reing. Steel: *ASTM A615-60 Grade, f_s=24 ksi.*

Struct. Steel: *A-36, Fy=36 ksi, f_b=24 ksi: AISC 9th Ed.*

Welds: *Los-Hyd. Rod - E70XX (N/A)*

Bolts: *A307 Quality Minimum.*

Soils: *BRG: 1000 psf*
EFP: 54 pcf

References:

REGISTERED PROFESSIONAL ENGINEER
RICKY A. MORALES
No. C40289
Exp. 12/31/98
CIVIL
STATE OF CALIFORNIA

Palos Verdes Engineering Corporation
Consulting Structural Engineers

27520 Hawthorne Blvd., Suite 130 • Rolling Hills Estates, CA 90274
Telephone (310) 541-5055 • Fax (310)541-0321

2.0 LOADS

2.1 ROOF

TILE	9.0 PSF
1/2 PLYWD.	1.5
2x R.R.	2.2
2x C.J.	2.2
1/2 GYP. BD	2.3
INSUL. MISC	0.8
	DL = 18.0 PSF
	LL = 16.0 PSF
	TL = 34.0 PSF

2.2 FLOOR

FLOOR COVER	3.0 PSF
3/4" PLYWD	2.0
2x F.J.	2.8
INSUL. MISC.	0.2
	DL = 8.0 PSF
	LL = 40.0 PSF
	TL = 48.0 PSF

2.3 FOOTING

150 PCF x .5 x 3.5' = 263 PLF

2.4 SOIL

EFP = 30 PCF
SOIL BRG = 1500 PSF

REGISTERED PROFESSIONAL ENGINEER
RICKY A. MORALES
No. C40289
Exp. 12/31/98
CIVIL
STATE OF CALIFORNIA

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Telephone (310) 541-5055 • Fax (310)541-0321

JOB 5-98-012
SHEET NO 5 OF
CALCULATED BY W.L. DATE 1-8-98
CHECKED BY DATE
SCALE

UNIFORM LOAD

ROOF: DL = 18PSF x 6' = 108 PLF LL = 16PSF x 6' = 96 PLF
WALL: DL = 15PSF x 24' = 360 PLF
FLOOR: DL = (8' x 8)2 = 128 PLF LL = (40 x 8)2 = 640 PLF
FOOTING: DL = 263 PLF
w = 859 PLF w = 736 PLF

3.0 FOOTING DESIGN

(SEE ENERCALC, SHT. 4)

REGISTERED PROFESSIONAL ENGINEER
RICKY A. MORALES
No. C40289
Exp. 12/31/98
CIVIL
STATE OF CALIFORNIA

Palos Verdes Engineering Corp.
27520 Hawthorne Blvd, Ste 130
Rolling Hills Estates, CA 90274
(310) 541-5055
FAX (310) 541-0321

CANTILEVERED RETAINING WALL DESIGN

Anderson Residence
Bonus Room

Willie Bohuzy

WALL & FOOTING DATA

Retained Height	=	5.50 ft
Wall Ht. above Soil	=	0.00 ft
Toe Width	=	3.50 ft
Heel Width	=	0.67 ft
Total Footing Width	=	4.17 ft
Footing Thickness	=	12.00 in
Key Depth	=	0.00 in
Key Width	=	0.00 in
Toe to Key Dist.	=	0.00 ft

SLIDING CHECK

Ftg/Soil Friction	=	0.30
Soil to Neglect	=	0.00 in
Lateral Pressure	=	719 #
- Passive Pressure	=	75 #
- Friction	=	311 #
Add'l Force Required	=	317.7 #

VERTICAL LOADS

Axial DL on Stem	=	0 plf
Axial DL on Stem	=	0 plf
....Eccentricity	=	0.00 in
Surcharge over Toe	=	0.0 psf
Surcharge over Heel	=	0.0 psf

SOIL DATA

Allowable Bearing	=	1500 psf
Active Lateral	=	30.0 pcf
.....Max Press.	=	0.0 pcf
.....Slope Press.	=	0.0 pcf
Backfill Slope	=	0.0 :1
Passive Press.	=	150.0 pcf
Soil Density	=	110.0 pcf
Soil Ht over Toe	=	0.00 in

LATERAL LOADS

Lateral Load Acting on Stem Above Soil	=	25.00 psf
Add'l Lateral Load	=	0.00 plf
Dist to Load Start	=	0.00 ft
Dist to Load End	=	0.00 ft

ADJACENT FOOTING

Vertical Load	=	1500.0 #
Load Eccentricity	=	0.00 in
Footing Width	=	0.50 ft
Ftg. CL to Wall	=	2.00 ft
Vert. Position of Ftg. ...Above/Below:[+/-]	=	-2.0 ft
Spread Footing	?	Yes

SUMMARY

Pressure @ Toe	=	567.4 psf
Pressure @ Heel	=	0.0 psf
Allowable Press.	=	1500 psf
Ecc. of resultant	=	10.37 in
Max. Shear @ Toe	=	7.28 psi
Max. Shear @ Heel	=	0.00 psi
Allow. Ftg Shear	=	76.03 psi
Factors of Safety:		
Overturning	=	1.78 :1
Sliding	=	0.54 :1

FOOTING DESIGN

Soil Press. Mult. By ACI Eq 9-1		Toe	Heel
Mu-Upward	=	794	0 psf
Mu-Downward	=	3314	0 ft-#
Mu-Design	=	1286	0 ft-#
One-Way Shear:		2028	-0 ft-#
Actual	=	7.3	0.0 psi
Allowable	=	76.0	76.0 psi
Cover over Rebar	=	3.00	3.00 in
'd'	=	9.00	9.00 in
Ru = Mu/bd^2	=	27.8	0.0 psi

f'c	=	2000 psi
Fy	=	60000 psi
Min. As Percent	=	0.0012
Omit SP Under Heel	?	No

	Toe	Heel	
# 4 @	18.52	18.52	in o/c
# 5 @	28.70	28.70	in o/c
# 6 @	40.74	40.74	in o/c
# 7 @	48.00	48.00	in o/c
# 8 @	48.00	48.00	in o/c
# 9 @	48.00	48.00	in o/c

SUMMARY OF FORCES & MOMENTS

Origin of Force...		Overturning Moments #	ft	ft-#	Resisting Moments #	ft	ft-#
Active Soil Press.	=	633.8	2.17	1373.1	0	0	0
Soil over Heel	=	0	0	0	0.2	4.17	0.8
Soil over Toe	=	-15.0	0.33	-5.0	0.0	0.00	0.0
Sloped Soil @ Heel	=	0	0	0	0.0	0.00	0.0
Adjacent Ftg. Load	=	85.3	2.94	251.1	0.1	4.17	0.5
Surcharge Over Heel	=	0	0	0	0.0	0.00	0.0
Surcharge over Toe	=	0.0	0.00	0.0	0.0	0.00	0.0
Axial Load on Wall	=	0	0	0	0.0	0.00	0.0
Load @ Proj. Wall	=	0.0	6.50	0.0	0	0	0
Averaged Stem Wts.	=	0	0	0	412.5	3.83	1581.3
Added Lateral Load	=	0.0	0.00	0.0	0	0	0
Footing Weight	=	0	0	0	625.0	2.08	1302.3
Key Weight	=	0	0	0	0.0	0.00	0.0
Vertical Component of Active Pressure		0	0	0	0.0	0.00	0.0
Totals	=	704.0 #		1619.2 ft-#	1037.9 #		2884.9 ft-#
Resisting Totals Used For Soil Pressure (Vert. Component of Active Pressure Removed)					1037.9 #		2884.9 ft-#

REGISTERED PROFESSIONAL ENGINEER
RICKY A. MORALES
No. C40289
Exp. 12/31/98
CIVIL
STATE OF CALIFORNIA

(continued on next page....)

Palos Verdes Engineering Corp.
27520 Hawthorne Blvd, Ste 130
Rolling Hills Estates, CA 90274
(310) 541-5055
FAX (310) 541-0321

CANTILEVERED RETAINING WALL DESIGN

Anderson Residence
Bonus Room

Willie Rodriguez

(.....continued)

STEM SUMMARY

Top Stem: From 0.00 ft to Top of Wall
8.00in Masonry w/ # 5 @ 8.00in, d= 5.25in
f'm= 1350.0psi, Fs= 24000.0psi
LDF= 1.33, n= 28.64
Solid Grouted, No Spec. Insp.
Wall Wt.= 75.00psf, Bar Embed= 6.0in
Mactual = 997.8 <= 1624.8ft-#
Vactual = 5.87 <= 21.19psi
Interaction Value = 0.614

} OR 8" CMU W 2-#5 @ 16" o.c. VERT.

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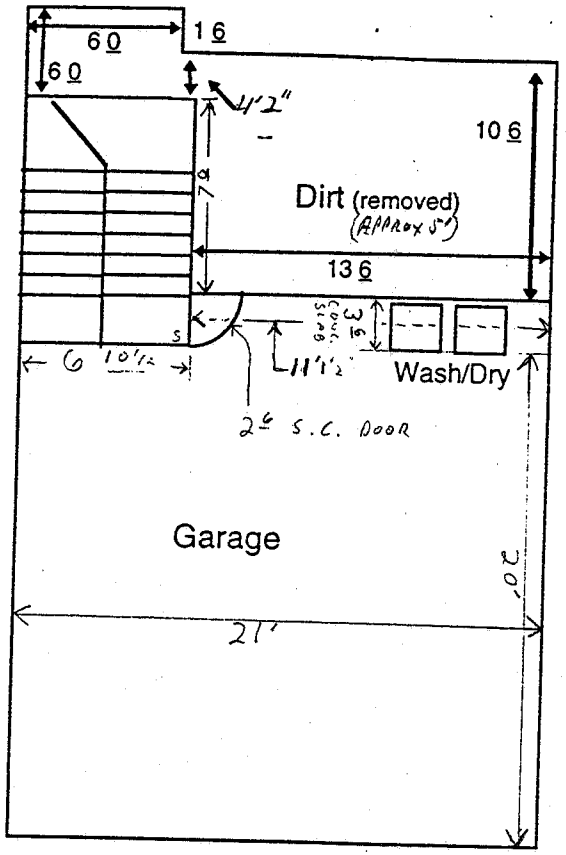
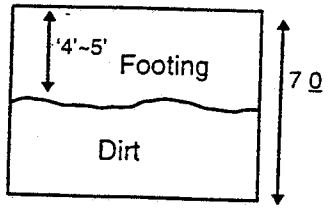
STATE OF CALIFORNIA

STORAGE

~~Bonus~~ Room Proposal Plan



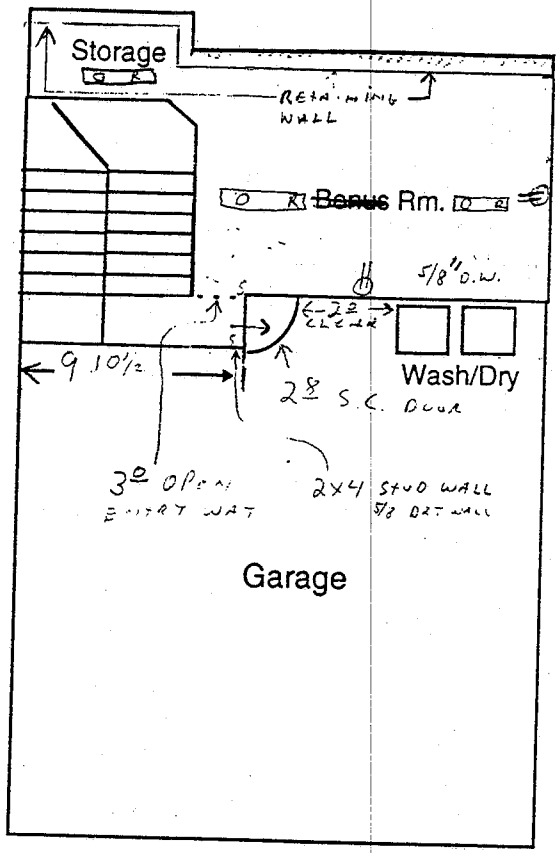
Current



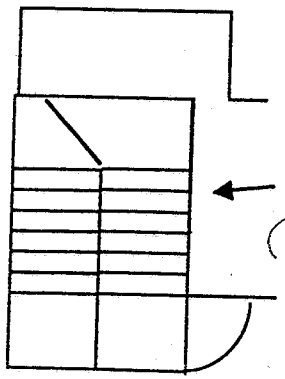
Back view Front wall
from inside Crawl space

BUILDING AND SAFETY DIVISION
Department of Public Works
APPROVED
UNDER TITLE 26
BY
JAN 27 1998

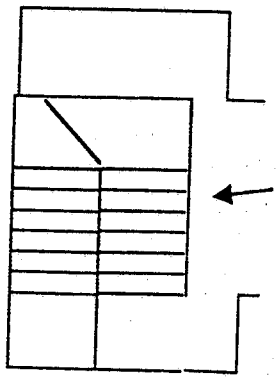
This set of plans and specifications MUST be kept on the job at all times and it is unlawful to make any changes of alterations on same without written permission from the Division of Building and Safety, County of Los Angeles. The stamping of this plan and specifications SHALL NOT be held to permit or to be an approval of the violation of any provisions of any County Ordinance of State Law.



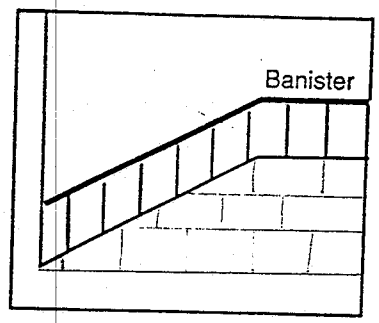
Proposal



Closed wall separating
Stair case from DIRT ~~AREA~~
(7⁰ X 6⁰ STUD
NON-BEARING WALL ON
3⁰ CMU WALL)



Open wall into
Stair case
W/BANISTER



Side view of Stairway
from inside room

Palos Verdes Engineering Corporation
Consulting Structural Engineers

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Telephone (310) 541-5055 • Fax (310)541-0321

JOB CASTALDI RES.
SHEET NO 8 OF
CALCULATED BY HR. DATE 6-19-97
CHECKED BY DATE
SCALE 1/4"=1'-0"

BUILDING AND SAFETY DIVISION
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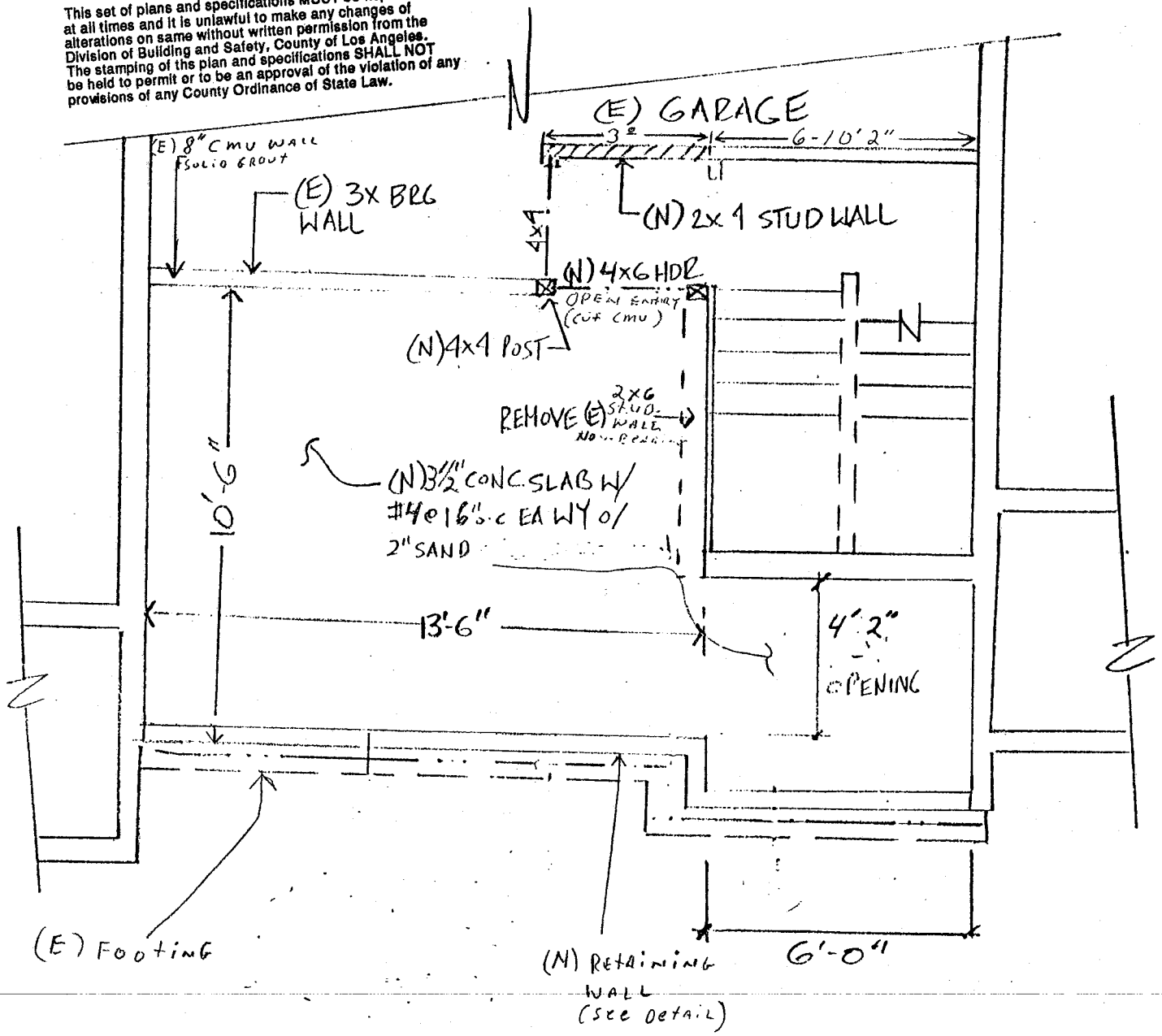

(N) ~~BONUS~~ ROOM PLAN

SCALE: 1/4"=1'-0"

STORAGE