

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0103281
Insp Area: T

Site Address: 1101 44TH ST SAC
Parcel No: 008-0151-008

Sub-Type: REM
Housing (Y/N): N

CONTRACTOR
KUSTOM KITCHENS
1220 K ST
SACRAMENTO CA 95818

OWNER
MARDER RICHARD A/ANNE K
1101 44TH ST
SACRAMENTO CA 95819

ARCHITECT

Nature of Work: HVAC SPLIT SYSTEM C/O, EXTERIOR WINDOW C/O, REMODEL KITCHEN & BATHROOM, INT DOOR C/O

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 41C License Number 93834 Date 3/16/01 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 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/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/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.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 3/16/01 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 THE HARTFORD Policy Number 57 WEC 010779 Exp Date 11/22/2001

_____, (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 3/16/01 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.

0103281 COHN

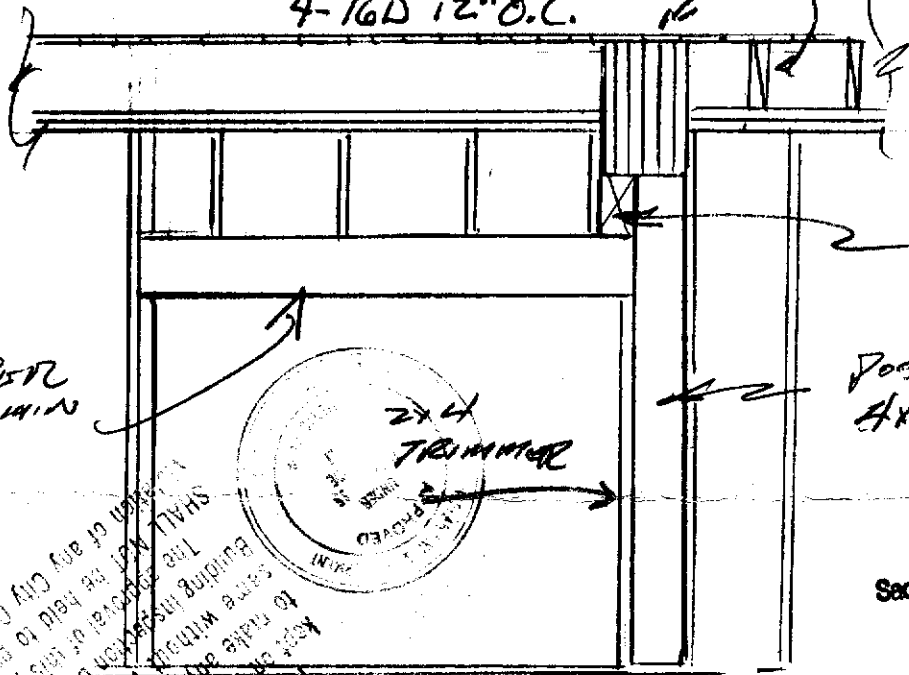
ADDED PAGE
PAGE 1 OF 1

1101 44TH STREET HOUSE RENOVATION
(SEE PAGE 6 OF 6.)

REV DETAIL OF POST P2, BEAM #1 & NARROW HEADERS

(6) 3/4 MICROPILLS
4-16D 12" O.C.

EXIST
2x10 FLY JOISTS



Solid Block

POST P2
4x6 MIN.
ISSUED

MAY 01 2001

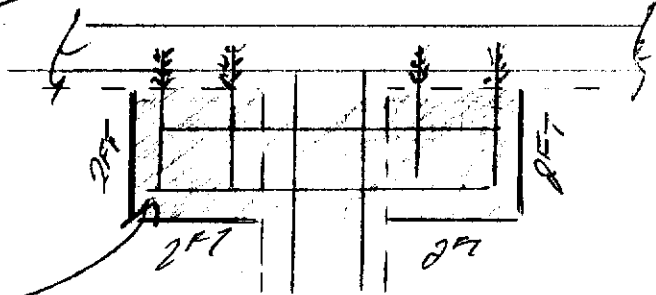
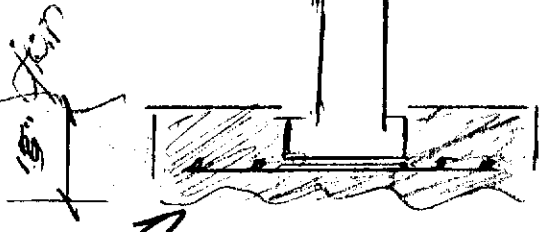
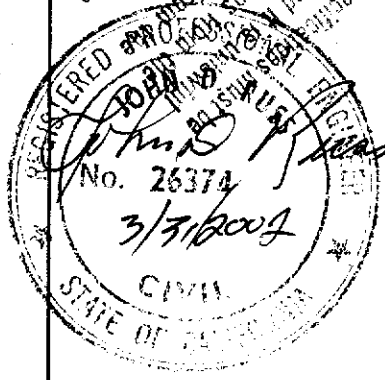
Sacramento Building Division

Solid Block, Studs;
OR POST.

22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



THIS SET OF PLANS AND SPECIFICATIONS...
SHALL BE HELD TO COMPLY WITH THE...
SACRAMENTO BUILDING DIVISION...
NO PART OF THIS SET OF PLANS...
SHALL BE REPRODUCED OR TRANSMITTED...
WITHOUT THE WRITTEN PERMISSION...
OF THE REGISTERED PROFESSIONAL ENGINEER...
OR ARCHITECT...
NO PART OF THIS SET OF PLANS...
SHALL BE HELD TO COMPLY WITH THE...
SACRAMENTO BUILDING DIVISION...
NO PART OF THIS SET OF PLANS...
SHALL BE REPRODUCED OR TRANSMITTED...
WITHOUT THE WRITTEN PERMISSION...
OF THE REGISTERED PROFESSIONAL ENGINEER...
OR ARCHITECT...



ADD FTG
LEACH SIDE
& UNDER
EXISTING

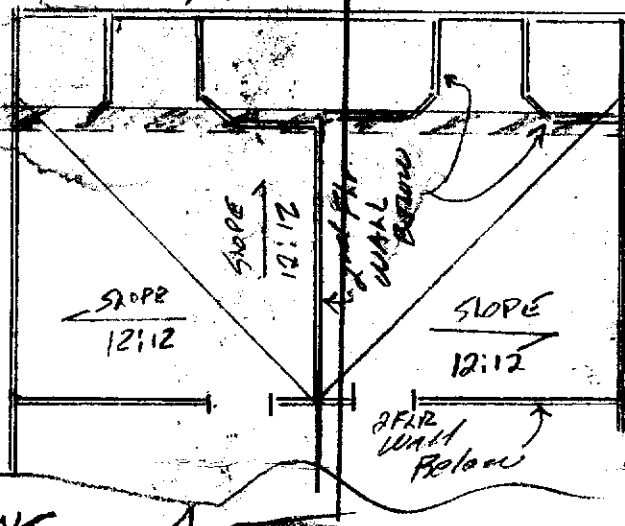
Bryon Nakash

House Remodel

1101 - 44th Street
SACRAMENTO, CA.

ORIGINALLY: Part of Roof and Floor was supported by Fireplace. Fireplace was removed. New Beam Need to transfer loads to Foundation.

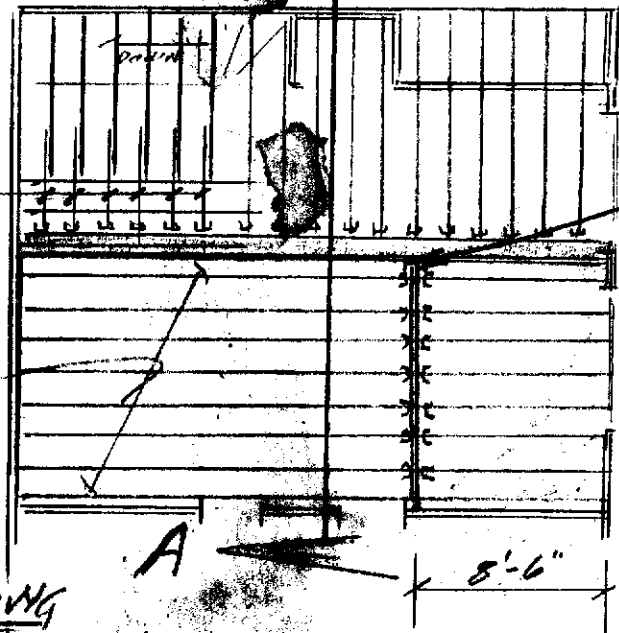
22-141 40 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



② New Beam is below this Roof and 2nd floor wall

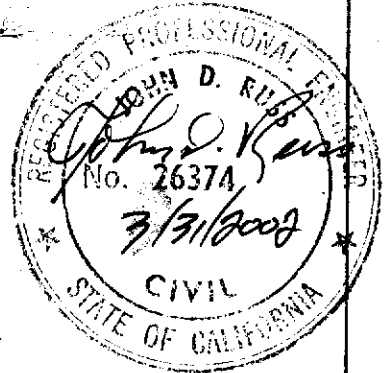
ROOF FRAMING

1/8" = 1'-0"



FLOOR FRAMING

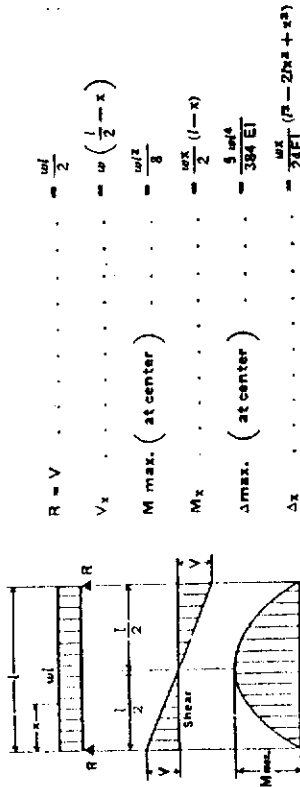
① Remove Blocking, Joists, Beam and splice new rafter to sides of Existing to extend framing to new Beam



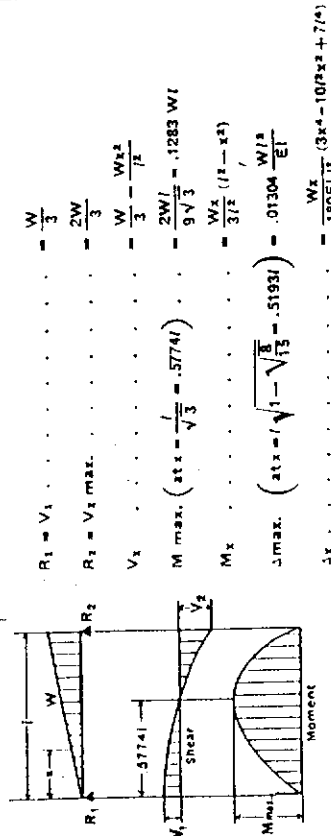
944 7685

DESIGN FORMULAS

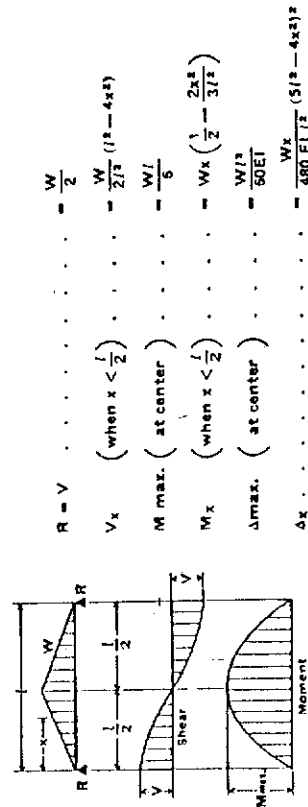
1 SIMPLE BEAM—UNIFORMLY DISTRIBUTED LOAD



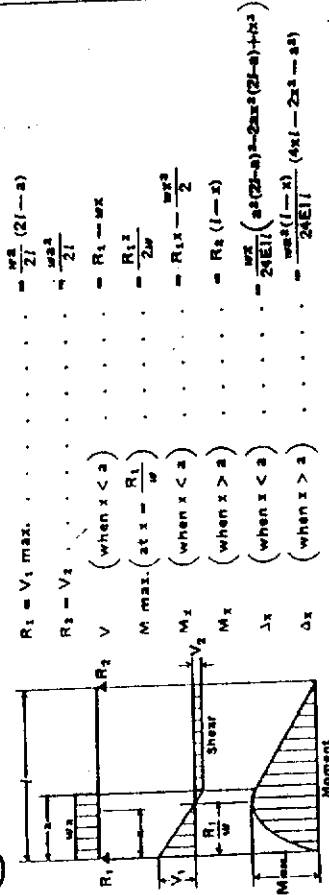
2 SIMPLE BEAM—LOAD INCREASING UNIFORMLY TO ONE END



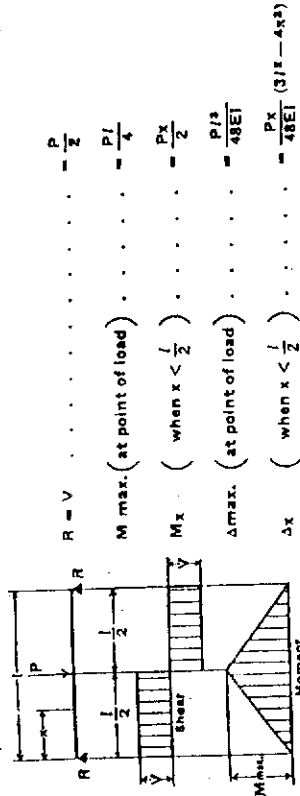
3 SIMPLE BEAM—LOAD INCREASING UNIFORMLY TO CENTER



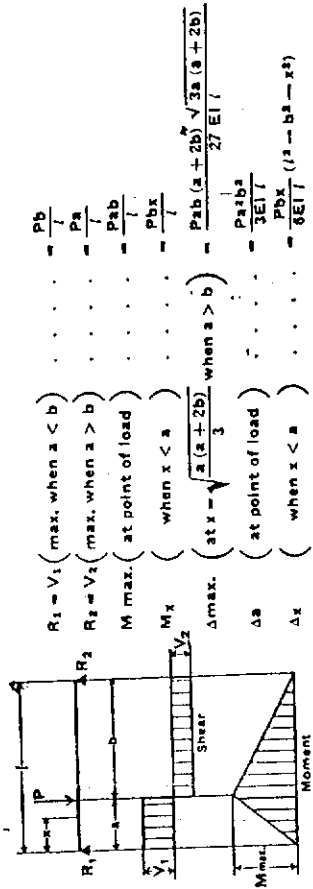
4 SIMPLE BEAM—UNIFORM LOAD PARTIALLY DISTRIBUTED AT ONE END



5 SIMPLE BEAM—CONCENTRATED LOAD AT CENTER



6 SIMPLE BEAM—CONCENTRATED LOAD AT ANY POINT



COHN

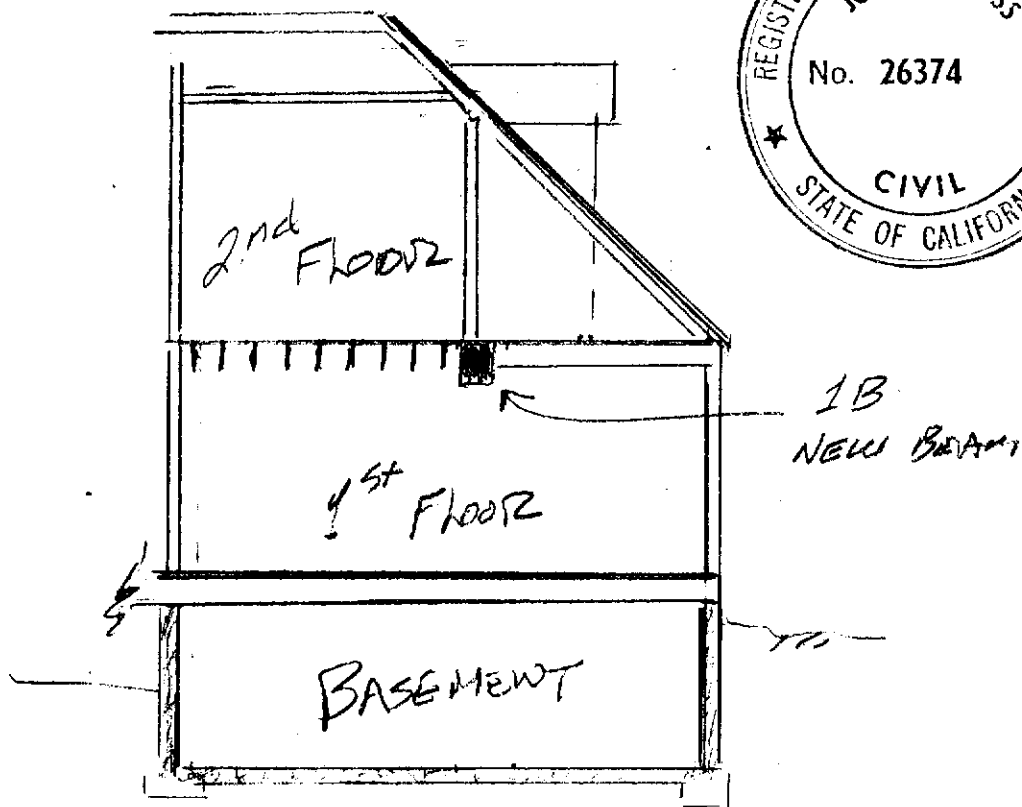
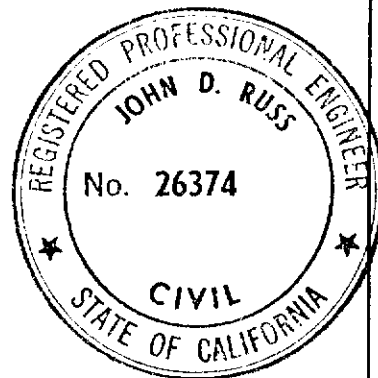
PAGE 2 OF 6
PART PAGE

MARK	SPAN	FORMULA	LOADING
1B	24.5	1	ROOF $10 \times 3 = 30$ WALL $10 \times 7 = 70$ FLOOR $50 \times 2 = 100$ CEILING $20 \times 8 = 160$ BM, MISC $\checkmark = 30$ W2390

3 ROOF $ACU = 5 \times 1.1$

6 BM (FLOOR)
 $P = 3.0K \quad \delta = 16.25$

50 SHEETS
 22-141 100 SHEETS
 22-142 200 SHEETS
 22-144



SECTION A-A

$\frac{1}{8}'' = 1'-0''$

John Russ

Remodel 1101-44th Residence

Part _____ Page _____

Group 1

Walls & Posts

Wind = 12.2 Lb/sf

Post Mark	Braced Length feet	Face or Opening inches	(R)oof (S)now (w)et	Load Marks	Wind			Post Load w/o wind kips	Allowable <= 1.0 kips	2308.2 N.G.	OK	Members			width depth
					Values kips	Post Load kips	Post Allowable kips					Usage	Type	No. thick b	
p1	8.0	16			6.20	6.2	10.9	0.540	OK			df-2	6 x 4		
p2	8.0	16			7.20	7.2	10.9	0.692	OK			df-2	6 x 4		
													x		
													x		



WALLS, FOUNDATIONS, FOOTINGS

TWO STORY (15") 4.458 x 15/12 x 1000 PSF = 5.5 kips

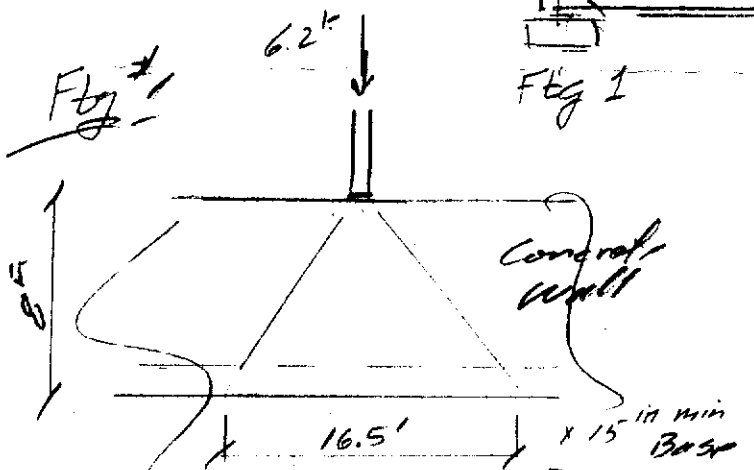
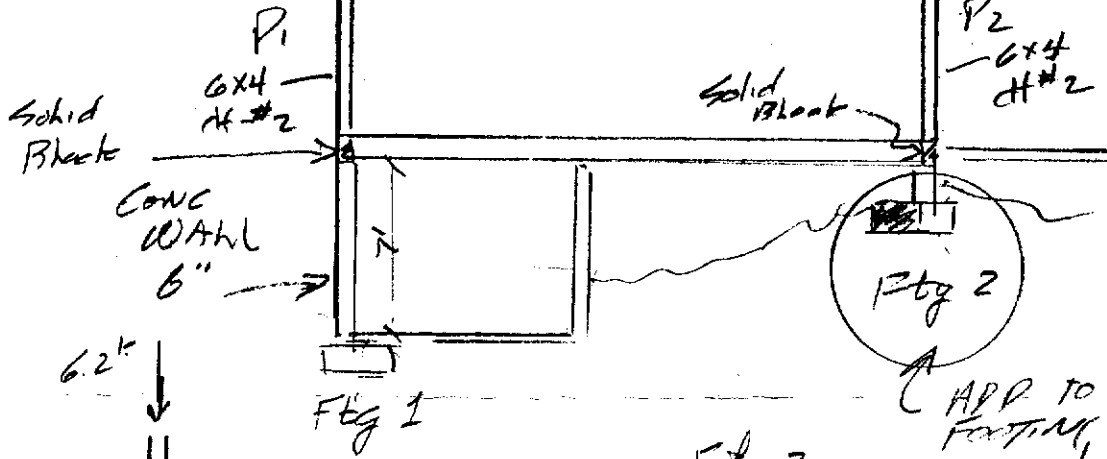
$P_A = 5.5 \text{ kips}$

$w/F_A = 1000 \text{ PSF}$

6.2 k

7.2 k

1B



$A = 16.5 \times \frac{15}{12} = 20.6 \text{ in}^2$

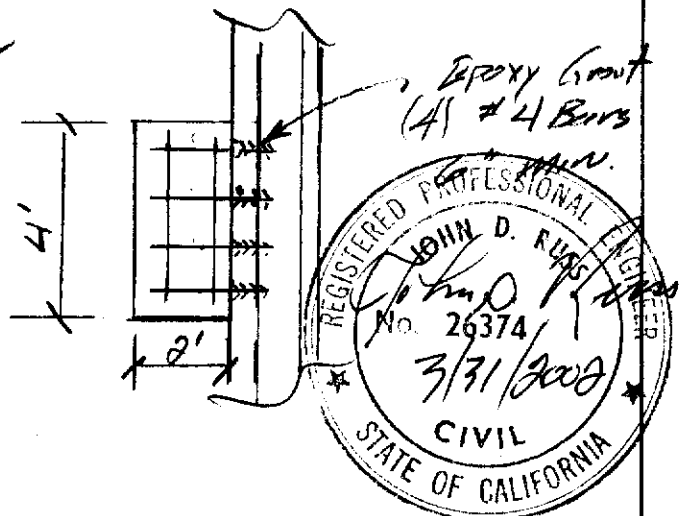
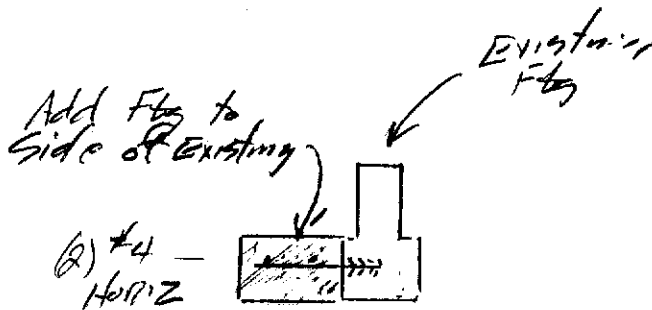
$P_A = \frac{6.2}{20.6} = 300 \text{ #15E OK}$

Ftg 2

$7.2 \text{ k} > 5.5 \text{ k}$

PROVIDE SPREAD FOOTING

20 x 40 SQ FT



22-141 50 SHEETS
22-142 100 SHEETS
22-144 200 SHEETS



Mark	Span (ft)	E (10x6)	Bending	Fv	Fb	Load	w or ^w	P	a	b
1B	24.50	2.0	360	psi	psi	Type	lb/lf	Kips	ft	ft
Type	p	Parallan	28	Base	290	2900	1	390		
Loads		Normal Loading		Factors	1.00	1.00	3	5		
Repet		3	5	Factors	1.00	0.98	6		3.0	16.25
Size	3-1/2 x 14			Factors	1.00	0.98				8.25
Delta	# 4	Required	Available		290	2850				
R1 =	6.16	V1(adj)	6.16	37.90	OK					
R2 =	7.14	V2(adj)	7.14	37.90	OK					
M(max)	48.74	M(adj)	49.6	108.6	OK					
		I	2,972.0	3200.0	OK					

1B
4 ea 3-1/2 x 14 Parallan PSL

Mark	Span (ft)	E (10x6)	Bending	Fv	Fb	Design	w or ^w	P	a	b
1B (alt#1)	24.50	2.0	360	psi	psi	Type	lb/lf	Kips	ft	ft
Type	p	Parallan PSL		Base	290	2900	1	390		
Loads		Normal Loading		Factors	1.00	1.00	3	5		
Repet		3	6	Factors	1.00	1.00	6		3.0	16.25
Size	3-1/2 x 16			Factors	1.00	0.97				8.25
Delta	# 3	Required	Available		290	2808				
R1 =	6.16	V1(adj)	6.16	32.48	OK					
R2 =	7.14	V2(adj)	7.14	32.48	OK					
M(max)	48.74	M(adj)	50.3	104.9	OK					
		I	2,972.0	3585.0	OK					

1B (alt#1)
3 ea 3-1/2 x 16 Parallan PSL

Mark	Span (ft)	E (10x6)	Bending	Fv	Fb	Design	w or ^w	P	a	b
1B (alt#2)	24.50	2.0	360	psi	psi	Type	lb/lf	Kips	ft	ft
Type	p	Parallan PSL		Base	290	2900	1	390		
Loads		Normal Loading		Factors	1.00	1.00	3	5		
Repet		3	7	Factors	1.00	0.96	6		3.0	16.25
Size	3-1/2 x 18			Factors	1.00	0.96				8.25
Delta	# 2	Required	Available		290	2772				
R1 =	6.16	V1(adj)	6.16	24.36	OK					
R2 =	7.14	V2(adj)	7.14	24.36	OK					
M(max)	48.74	M(adj)	51.0	37.3	OK					
		I	2,972.0	400.0	OK					

1B (alt#2)
2 ea 3-1/2 x 18 Parallan PSL

Mark	Span (ft)	E (10x6)	Bending	Fv	Fb	Design	w or ^w	P	a	b
1B (alt#3)	24.50	1.8	360	psi	psi	Type	lb/lf	Kips	ft	ft
Type	g	Glue-Lam 24F-V4		Base	165	2400	1	360		
Loads		Normal Loading		Factors	1.00	1.00	3	5		
Repet		3	13	Factors	1.00	0.94	6		3.0	16.5
Size	5-1/8 x 19.5			Factors	1.00	0.94				8
Delta	#	Required	Available		165	2251				
R1 =	5.76	A1	52.41	99.90	OK					
R2 =	6.81	A2	61.87	99.90	OK					
M(max)	46.24	SCr	246.5	308.6	OK					
		I	3,118.8	3166.8	OK					

1B (alt#3)
5-1/8 x 19.5 Glue-Lam 24F-V4

Mark	Span (ft)	E (10x6)	Bending	Fv	Fb	Design	w or ^w	P	a	b
		0.0	360	psi	psi	Type	lb/lf	Kips	ft	ft
Type				Base			1			
Loads		Normal Loading		Factors	1.00	1.00				
Repet				Factors	1.00	1.00				
Size	x			Factors	1.00	1.00				
Delta	#	Required	Available		0	0				
R1 =	0.00	A1		0.00						
R2 =	0.00	A2		0.00						
M(max)	0.00	SCr		0.0						
		I		0.0						

