

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0102202
Insp Area: 1

Site Address: 617 EAST RANCH RD SAC
Parcel No: 293-0040-009

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

CONTRACTOR
ADCON CONTRACTING
3508 SOLAR WY
SAC CA 95827

OWNER
CHRIS RYNHART
617 EAST RANCH RD
SAC CA 95827

ARCHITECT

Nature of Work: KITCHEN & DINNING ROOM REMODEL.CHANGE OUT TWO WINDOWS.

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 B License Number 63000 Date 2/21/01 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 2-20-01 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 _____ Policy Number _____ Exp Date _____

(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 2-21-01 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.

0102202

CHRIS OLIVEIRA AND ASSOC.

3269 1/2 Folsom Blvd.
Upper East
Sacramento, CA 95816
(916) 452-4886
(916) 455-9099 fax

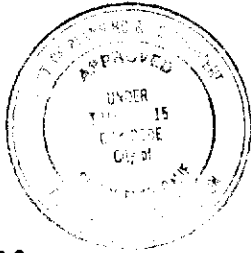
rce 33407- CA.
22119- AZ.
007595-NV.
2202-UT.
35908- WA

STRUCTURAL CALCULATIONS

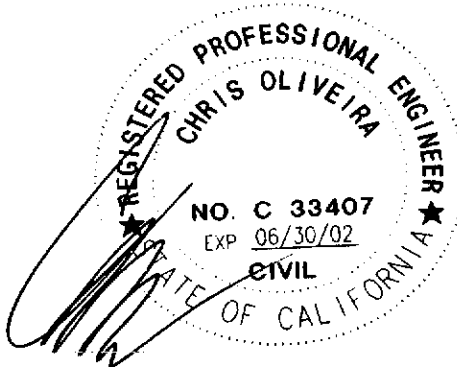
RHYNHART REMODEL

This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations from the same without written permission from the Building Inspection Division.

The approval of this plan and specifications shall not be held to permit or approve the violation of any City Ordinance or State Law.



1997 UBC
SEISMIC ZONE 3
WIND SPEED = 80 MPH
EXPOSURE B



Chris Oliveira and Assoc.
 3269 1/2 Folsom Blvd.
 Sacramento, CA 95816
 (916) 452-4886
 (916) 455-9099 fax

Title :
 Dsgnr:
 Description :

Job #
 Date: 9:54AM, 30 MAR 01

Scope :

Rev: 510300
 User: KW-0801008, Ver 5.1.3, 22-Jun-1999, Win32
 (c) 1993-99 ENERCALC

Timber Beam & Joist

c:\enercalc\fonseca.ecw.Calculations

Description New beam

Timber Member Information

Calculations are designed to 1997 NDS and 1997 UBC Requirements

Timber Section		parallam
Beam Width	in	3.500
Beam Depth	in	7.500
Le: Unbraced Length	ft	10.00
Timber Grade		Truss Joist - MacMil
Fb - Basic Allow	psi	2,900.0
Fv - Basic Allow	psi	290.0
Elastic Modulus	ksi	2,000.0
Load Duration Factor		1.000
Member Type		Manuf/Pine
Repetitive Status		No

Center Span Data

Span	ft	10.00
Point #1 DL	lbs	1,530.00
LL	lbs	1,070.00
@ X	ft	2.000

Results Ratio = 0.5367

Mmax @ Center	in-k	49.92
@ X =	ft	2.00
fb : Actual	psi	1,521.4
Fb : Allowable	psi	2,834.9
		Bending OK
fv : Actual	psi	118.9
Fv : Allowable	psi	290.0
		Shear OK

Reactions

@ Left End DL	lbs	1,224.00
LL	lbs	856.00
Max. DL+LL	lbs	2,080.00
@ Right End DL	lbs	306.00
LL	lbs	214.00
Max. DL+LL	lbs	520.00

Deflections

Center DL Defl	in	-0.130
L/Defl Ratio		925.6
Center LL Defl	in	-0.091
L/Defl Ratio		1,323.5
Center Total Defl	in	-0.220
Location	ft	4.360
L/Defl Ratio		544.7

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Title :
 Dsgnr:
 Description :

Job #
 Date: 9:56AM, 30 MAR 01

Scope :

Timber Column Design

c:\enercalc\fonseca.ecw\Calculations

Rev: 510300
 User: KW-0601009, Ver: 5.1.3, 22-Jun-1999, Win32
 (c) 1993-99 ENERCALC

Description Check 4x4

General Information

Calculations are designed to 1997 NDS and 1997 UBC Requirements

Wood Section	4x4	Total Column Height	8.00 ft	Le XX for Axial	8.00 ft
Rectangular Column		Load Duration Factor	1.00	Le YY for Axial	0.00 ft
Column Depth	3.50 in	Fc	1,350.00 psi	Lu XX for Bending	8.00 ft
Width	3.50 in	Fb	900.00 psi		
Sawn		E - Elastic Modulus	1,600 ksi		
		Douglas Fir - Larch, No.2			

Loads

		<u>Dead Load</u>	<u>Live Load</u>	<u>Short Term Load</u>
Axial Load		1,224.00 lbs	856.00 lbs	0.00 lbs
Eccentricity	0.000 in			

Summary

Column OK

Using : 4x4, Width= 3.50in, Depth= 3.50in, Total Column Ht= 8.00ft

	<u>DL + LL</u>	<u>DL + LL + ST</u>	<u>DL + ST</u>
fc : Compression	169.80 psi	169.80 psi	99.92 psi
Fc : Allowable	571.45 psi	571.45 psi	571.45 psi
fbx : Flexural	0.00 psi	0.00 psi	0.00 psi
F'bx : Allowable	1,350.00 psi	1,350.00 psi	1,350.00 psi
Interaction Value	0.2971	0.2971	0.1749

Stress Details

Fc : X-X	571.45 psi	Max k*Lu / d	50.00
Fc : Y-Y	571.45 psi	Actual k*Lu/d	23.10
F'c : Allowable	571.45 psi	Min. Allow k*Lu / d	11.00
F'c:Allow * Load Dur Factor	571.45 psi	Cf:Bending	1.500
F'bx	1,350.00 psi	Rb : (Le d / b^2) ^ .5	7.104
F'bx * Load Duration Factor	1,350.00 psi	Cf : Axial	1.150
		Axial X-X k Lu / d	27.43
		Axial Y-Y k Lu / d	0.00

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Title :
 Dsgnr:
 Description :

Job #
 Date: 9:59AM, 30 MAR 01

Scope :

General Footing Analysis & Design

c:\enercalc\fonseca.ecw:Calculations

Rev: 510300
 User: KW-0801009, Ver 5.1.3, 22-Jun-1999, Wm32
 (c) 1983-99 ENERCALC

Description Check existing footing

Calculations are designed to ACI 318-95 and 1997 UBC Requirements

General Information

Allowable Soil Bearing	1,000.0 psf	Dimensions...	
Short Term Increase	1.000	Width along X-X Axis	7.000 ft
Base Pedestal Height	0.000 in	Length along Y-Y Axis	1.000 ft
Seismic Zone	3	Footing Thickness	12.00 in
Overburden Weight	0.00 psf	Col Dim. Along X-X Axis	3.50 in
Live & Short NOT Combined		Col Dim. Along Y-Y Axis	3.50 in
f _c	2,500.0 psi	Min Steel %	0.0014
F _y	40,000.0 psi	Rebar Center To Edge Distance	3.50 in
Concrete Weight	145.00 pcf		

Loads

Applied Vertical Load...		...ecc along X-X Axis	0.000 in
Dead Load	1.224 k	...ecc along Y-Y Axis	4.250 in
Live Load	0.586 k		
Short Term Load	k		
Applied Moments...	<u>Creates Rotation about Y-Y Axis</u> (pressures @ left & right)	<u>Creates Rotation about X-X Axis</u> (pressures @ top & bot)	
Dead Load	k-ft	k-ft	
Live Load	k-ft	k-ft	
Short Term	k-ft	k-ft	
Applied Shears...	<u>Creates Rotation about Y-Y Axis</u> (pressures @ left & right)	<u>Creates Rotation about X-X Axis</u> (pressures @ top & bot)	
Dead Load	k	k	
Live Load	k	k	
Short Term	k	k	

Summary

Footing Design OK

7.00ft x 1.00ft Footing, 12.0in Thick, w/ Column Support 3.50 x 3.50in x 0.0in high

	<u>DL+LL</u>	<u>DL+LL+ST</u>		<u>Actual</u>	<u>Allowable</u>
Max Soil Pressure	985.2	696.0 psf	Max Mu	2.177 k-ft per ft	
Allowable	1,000.0	1,000.0 psf	Required Steel Area		0.143 in ² per ft
"X" Ecc. of Resultant	0.000 in	0.000 in	Shear Stresses....	<u>V_u</u>	<u>V_n * Phi</u>
"Y" Ecc. of Resultant	2.723 in	2.323 in	1-Way	10.162	85.000 psi
X-X Min. Stability Ratio	No Overturning	1.500 :1	2-Way	6.132	170.000 psi
Y-Y Min. Stability Ratio	No Overturning				

Footing Design

Shear Forces	<u>ACI 9-1</u>	<u>ACI 9-2</u>	<u>ACI 9-3</u>	<u>V_n * Phi</u>	
Two-Way Shear	6.13 psi	3.84 psi	2.47 psi	170.00 psi	
One-Way Shears...					
V _u @ Left	10.16 psi	6.44 psi	4.14 psi	85.00 psi	
V _u @ Right	10.16 psi	6.44 psi	4.14 psi	85.00 psi	
V _u @ Top	0.00 psi	0.00 psi	0.00 psi	85.00 psi	
V _u @ Bottom	0.00 psi	0.00 psi	0.00 psi	85.00 psi	
Moments	<u>ACI 9-1</u>	<u>ACI 9-2</u>	<u>ACI 9-3</u>	<u>R_u / Phi</u>	<u>As Req'd</u>
Mu @ Left	2.18 k-ft	1.38 k-ft	0.89 k-ft	33.5 psi	0.14 in ² per ft
Mu @ Right	2.18 k-ft	1.38 k-ft	0.89 k-ft	33.5 psi	0.14 in ² per ft
Mu @ Top	0.00 k-ft	0.00 k-ft	0.00 k-ft	0.0 psi	0.01 in ² per ft
Mu @ Bottom	-0.01 k-ft	-0.01 k-ft	-0.01 k-ft	0.1 psi	0.14 in ² per ft

#40x

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General Footing Analysis & Design

c:\enercalc\fonseca.ecw:Calculations

Description Check existing footing

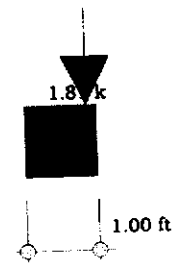
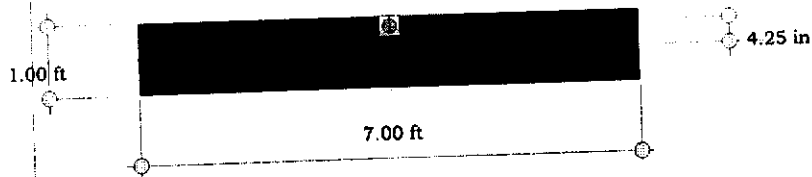
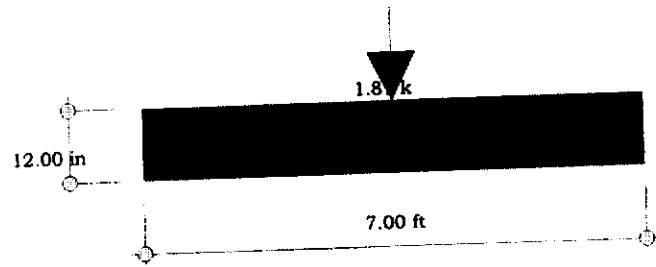
Soil Pressure Summary

	Left	Right	Top	Bottom
Service Load Soil Pressures				
DL + LL	403.57	403.57	985.22	0.00 psf
DL + LL + ST	319.86	319.86	695.98	0.00 psf
Factored Load Soil Pressures				
ACI Eq. 9-1	590.11	590.11	1,440.62	0.00 psf
ACI Eq. 9-2	447.80	447.80	974.37	0.00 psf
ACI Eq. 9-3	287.87	287.87	626.38	0.00 psf

ACI Factors

(per ACI, applied internally to entered loads)

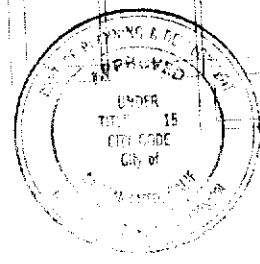
ACI 9-1 & 9-2 DL	1.400	ACI 9-2 Group Factor	0.750	UBC 1921.2.7 "1.4" Factor	1.400
ACI 9-1 & 9-2 LL	1.700	ACI 9-3 Dead Load Factor	0.900	UBC 1921.2.7 "0.9" Factor	0.900
ACI 9-1 & 9-2 ST	1.700	ACI 9-3 Short Term Factor	1.300		
....seismic = ST * :	1.100				



POINT LOAD: $276 \times \frac{10}{2} = 1380\#$ DEAD

$184 \times \frac{10}{2} = 920\#$ LIVE

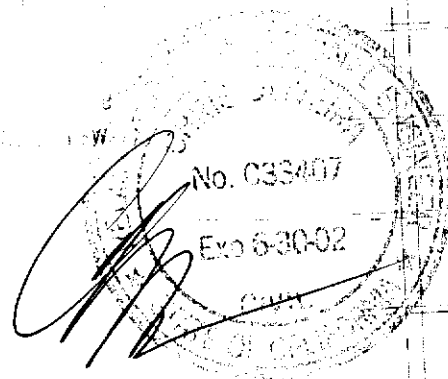
$3\frac{1}{2} \times 7\frac{1}{2}$ PARALLEL



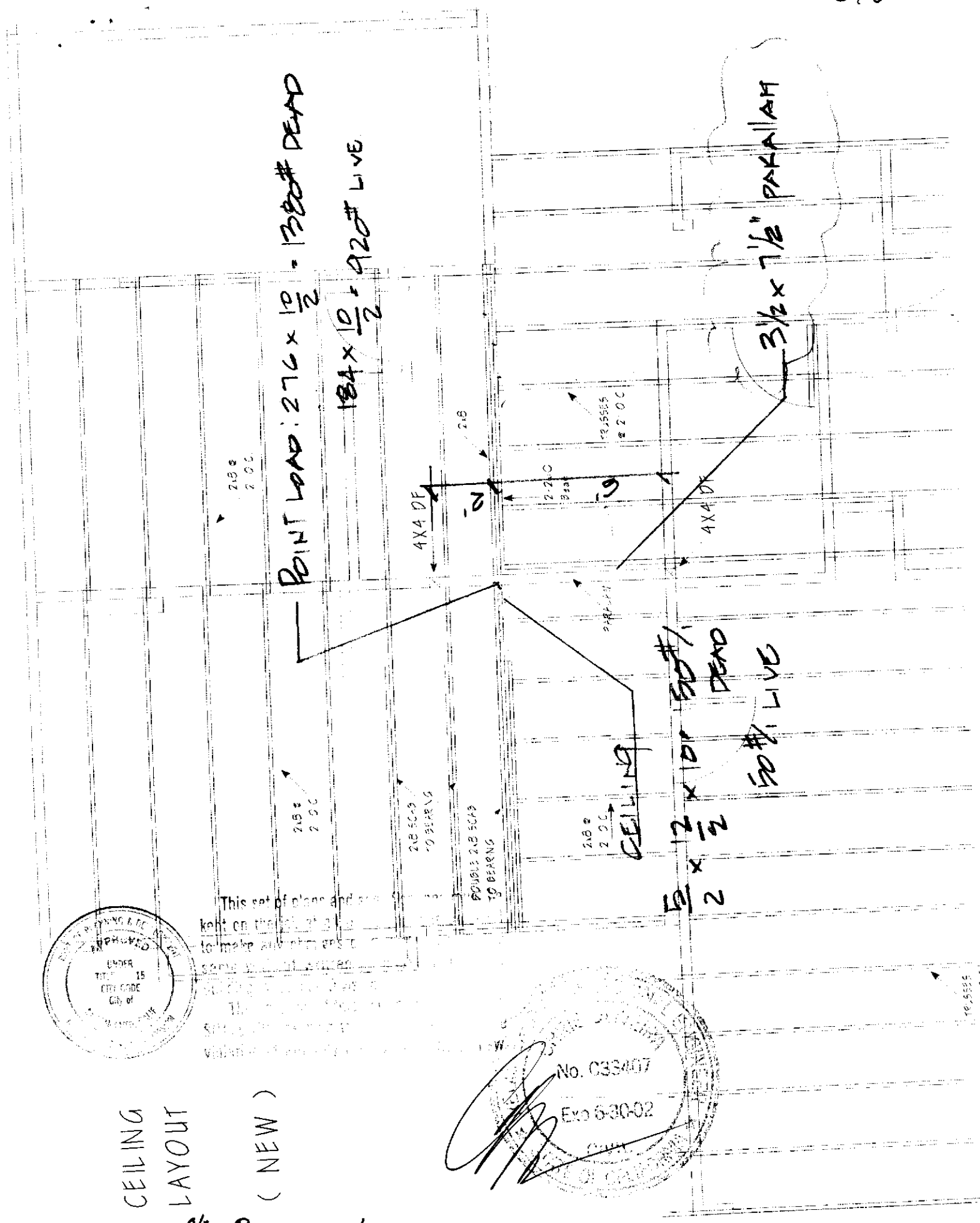
CEILING LAYOUT

(NEW)

ok Bryon Nolas

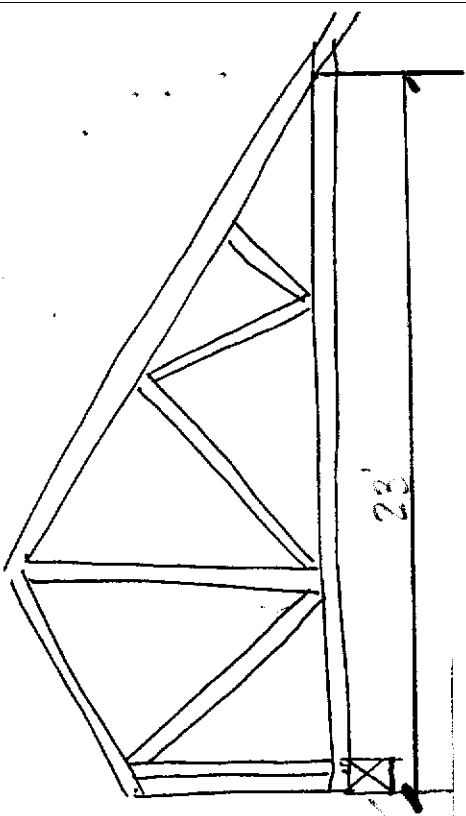


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DETAIL
SIDE VIEW

FOAM INSULATION
OVER PLYWOOD



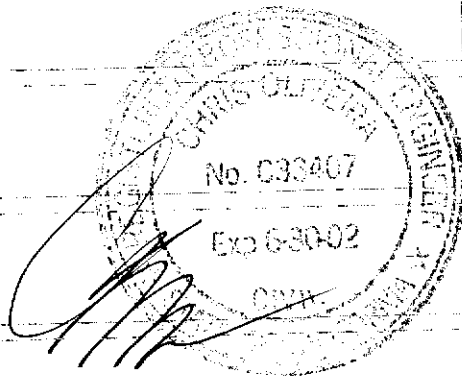
EXISTING
TRUSS
TO REMAIN

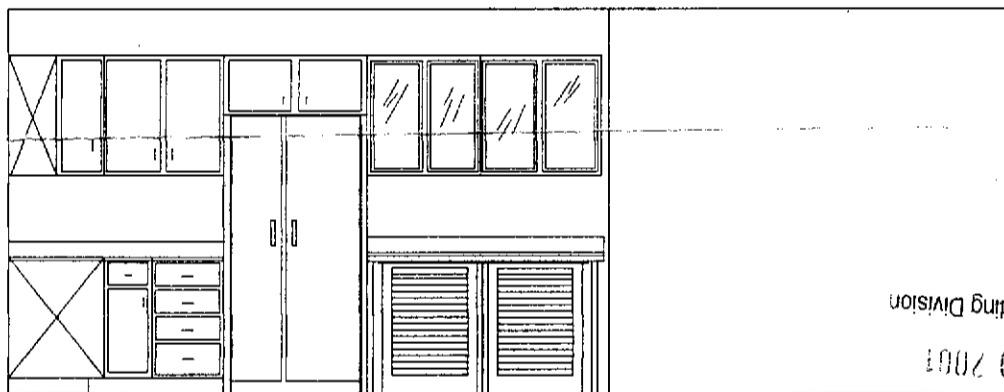
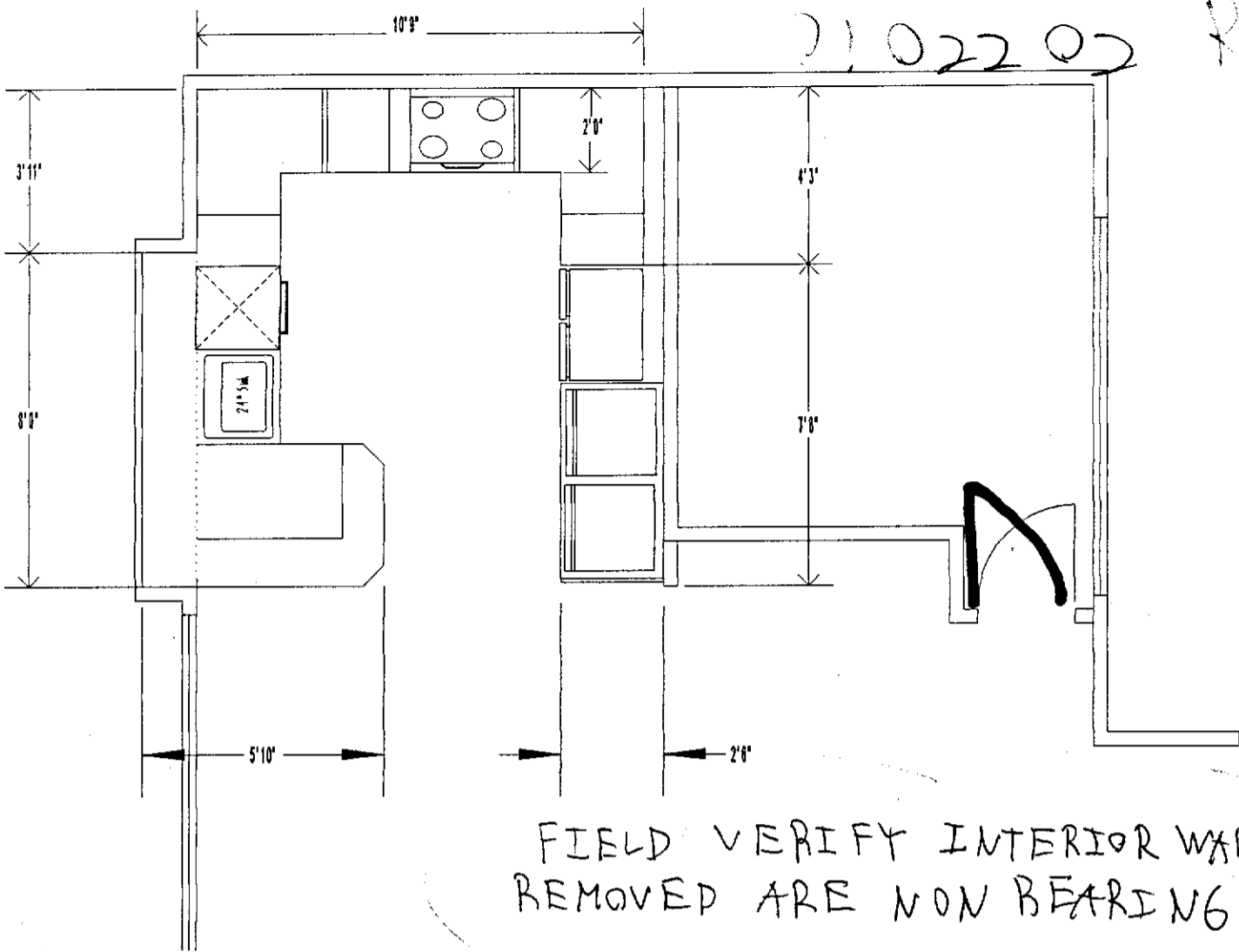
TRUSS LOAD:

$$W = \frac{23}{2} (24) = 276 \text{ PLF DEAD}$$

$$W = \frac{23}{2} (16) = 184 \text{ PLF LIVE}$$

NEW
3 1/2" x 7 1/2" PARALLEL
REPLACES
WALL





Sacramento Building Division

FEB 20 2001

ISSUED

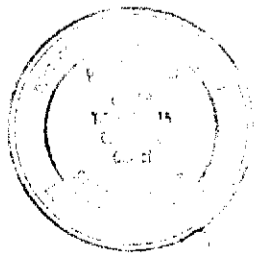
Chris Rynhart
 617 East Ranch Road
 Sacramento, CA 95825

Revision:
 10.08.00
 11.26.00
 02.19.01



ADCON General Contracting
 916.456.9886 Mess./ Fax
 916.606-5545 Cell

MINOR INTERIOR REMODEL OF
 LAUNDRY / KITCHEN NOOK AREA



This set of plans and specifications must be kept on the job site and made available for inspection by the Building Division at all times. The contractor shall be responsible for the accuracy of the information provided on these plans. No portion of these plans shall be used for any other project without the written consent of the contractor.

2/20/01