

**CITY OF SACRAMENTO**  
1231 I Street, Sacramento, CA 95814

**Permit No: 0010376**  
**Insp Area: 1**

**Site Address: 910 2ND ST SAC**  
Parcel No: 006-0012-021

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

CONTRACTOR

OWNER

TAYLOR JAMES F/GLORIA  
700 PARKER AV  
RODEO, CA 95472

ARCHITECT

**Nature of Work:** Repairs to Tabloids ONLY per pest report and Housing Violations list. NO EXTERIOR REPAIRS.

**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 \_\_\_\_\_ License Number \_\_\_\_\_ Date \_\_\_\_\_ Contractor 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 9-6-00 Owner Signature C Leonard Giordano

**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 9-6-00 Applicant/Agent Signature C. Leonard Giordano

**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 \$100,000 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 9-6-00 Applicant Signature C. Leonard Giordano

**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.

## HOUSING AND DANGEROUS BUILDINGS

Case Field Check List

Case #: **H000013854** Address: **910 2ND ST**

Corrective Action:

Violation: B02 - Building

Description: Dangerous to human life or detrimental to health. 8.100.230

Comments: Ice Cream Parlor

City of Sacramento Records do not show plans submitted or permits issued for the ice cream/yogert shop. The owner or tenant is to submit plans to both the County of Sacramento Health and City of Sacramento Planning Department for the tenant improvements and obtain a permit, or remove all alterations to the electrical, plumbing and mechanical systems. If tenat fails to comply the SMUD service will be removed and the space ordered vacated.

Rear Exit main floor

There has been alterations at the rear exit area ceiling and loft area above the hall way. All alteratioins to this area are subject to a plan check , permit issuance and inspections. For the continued use of the retail area the owner is to submit plans for all of the alterations within 30 days or the building will be ordered vacated.

Corrective Action:

Violation: B02 - Building

Description: Dangerous to human life or detrimental to health. 8.100.230

Comments: -The rear wood stair structure is in a failing condition and is to be repaired. Due to the requirements of Design Review and preparing plans with engineering the owner is to immediately stabilize the stair structure as a temporary solution and maintain the structure as a second exit for the top floor.

Failure of the owner to stabilize the stair structure shall cause the immediate vacation of the top floor.

Corrective Action:

Violation: B09 - Building

Description: Dampness of habitable rooms. 8.100.470

Comments: Tabloids

-The owner is to provide a current termite and dry rot report for the the exterior bar, floor and ceiling assembly of the unit as failures to the interior floor assembly wer found at several locations within this unit and to the wood assmby at the exterior bar.

Corrective Action:

Violation: B11 - Building

Description: General dilapidation or improper maintenance of the building. 8.100.560

Comments: Tabloids

-The owner is to provide an engineers report for the support removed adjacent to the bar and water

heater/furnace room which supports the second floor assembly.

-Clean the bar areas of all trash and debris in an around the under bar floor area. Clean the soda equipment and replace all deteriorated supply hoses to the dispensers.

-Clean all floor sinks of debris.

-Clean and repair the interior walls of all damage and repaint.

Corrective Action:

Violation: B13 - Building

Description: Defective or deteriorated flooring or floor supports. 8.100.570

Comments: Tabloids

-Based on the termite and dry rot report and additional inspections of open floor areas the owner will be required to repair the supporting members of the floor assembly.

Corrective Action:

Violation: B15 - Building

Description: Members of walls, partitions or other vertical supports that split, lean, list or buckle due to defective material or deterioration. 8.100.460

Comments: -The rear stair structure is to be repaired as directed. At this time the structure is unsafe to use and is to be temporarily supported until repairs can be made.

Corrective Action:

Violation: B32 - Building

Description: Design Review requirements required.

Comments: Prior to requesting issuance of a permit or submittal of plans you will be required to comply with Design Review requirements of Planning.

Corrective Action:

Violation: E01 - Electrical

Description: Unsafe electrical service equipment. 8.100.500

Comments: Tabloids

-I have completed a preliminary inspection of both the court yard bar and interior areas for possible electrical violations. Due to the amount of electrical equipment and wiring and the complexity an additional inspection will be conducted by a commercial electrical inspector. Once this has been completed a supplemental list will be issued to the owner for any existing violations.

Corrective Action:

Violation: M01 - Mechanical

Description: Provide approved type and installation of room heater which will maintain a temperature of 70 degrees three (3) feet above the floor. 8.100.490

Comments: Tabloids

-The water heater has been placed in front of the furnace in the equipment room adjacent to the main bar. The owner is to provide the minimum access for removal and maintenance of the furnace. The removal of the water heater to replace the furnace is not acceptable.

-The Air handler installed to the rear of the main floor area is to be installed in an approved manner and

provided with protection for the wood structure it supports. (Records do not indicate permits were issued for this system. The owner is to provide the necessary documentation or remove the unit and accompanying duct assemblies.

Corrective Action:

Violation: P01 - Plumbing

Description: Provide replacement of deteriorated plumbing fixtures with approved type. 8.100.600

Comments: Tabloids

- Toilet seats are required for all water closet fixtures.
- Bar sinks are to be installed in an approved manner and sealed to there adjoining non-absorbant walls.
- All bar fixtures are to be water tight and drained to an approved receptor in an approved manner.

Corrective Action:

Violation: P05 - Plumbing

Description: Provide approved method for installation, and/or maintenance of DWV system (drain, waste, and venting). 8.100.600

Comments: Tabloids

- All ice makers shall drain to an approved receptor and provided with the approved air break.
- There are signs of leakage in the four inch waste line on the rear interior area along the north wall. Have the joints inspected by a professional plumbing contractor and repaired.

Corrective Action:

Violation: P08 - Plumbing

Description: Provide approved method and materials for installation of gas piping system. 8.100.600

Comments: Tabloids

- At the main gas meter there is a gas valve with the shut off handle against the wall. Have the valve turn 180 degress to allow for approved access.

Corrective Action:

Violation: P10 - Plumbing

Description: Other

Comments: DURING THE COURSE OF REPAIRS AND INSPECTIONS ADDITIONAL VIOLATIONS MAY BECOME APPARENT WHICH WILL REQUIRE CORRECTING.

~~PC# 0011883~~  
Permit 0017410

BEAM CALCULATION  
FOR TABLOID 95  
910 2<sup>ND</sup> STREET  
SACRAMENTO, CA  
Parcel # : 006-0012-021-0000

Richard Le, P.E.  
8425 Honeycomb Way  
Sacramento, CA  
TEL: (916) 682-0992  
(916) 227-8628

September 22, 2000

To : CITY OF SACRAMENTO  
BUILDING INSPECTION  
1231 I STREET  
SACRAMENTO, CA 95814  
Tel: (916) 264-5404

**ISSUED**

JAN 30 2001

Sacramento Building Division

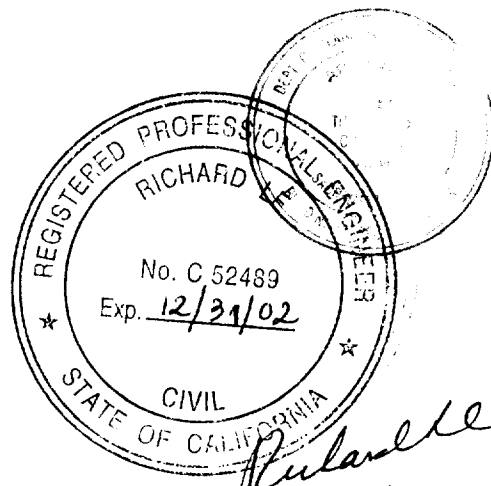
The following calculations are for the beam under the floor at TABLOID 95, 910 2<sup>ND</sup> STREET SACRAMENTO, CA.

If you have any questions on the above, please call me.

This set of plans and specifications must be kept on the job at all times and not to make any changes or alterations to the same without written permission from the Building Inspection Division.

The approval of this plan and specifications SHALL NOT be held to permit or constitute a violation of any City Ordinance or State Law.

Sincerely,



Richard Le, P.E.

*John Tang*

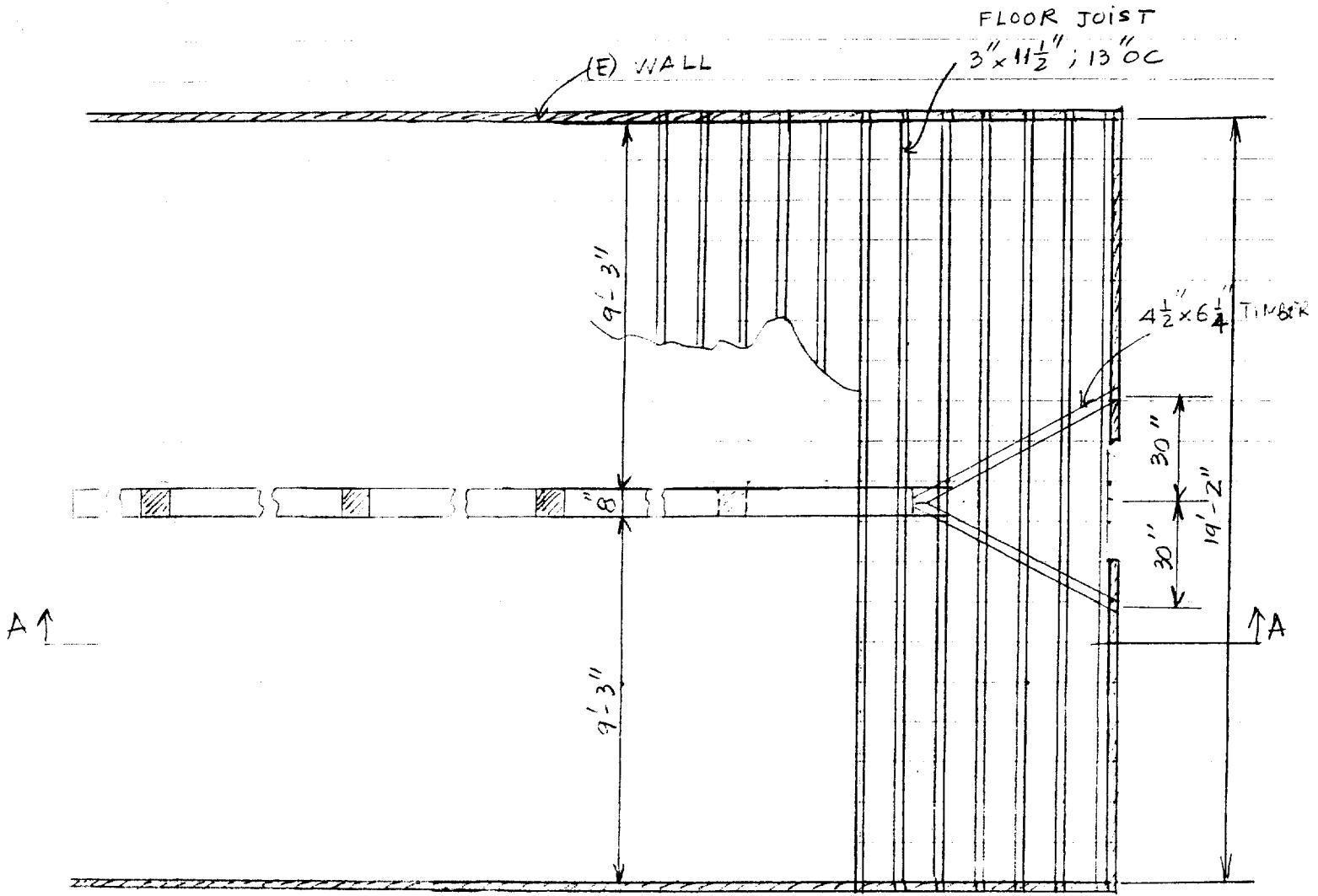
CITY OF SACRAMENTO  
PERMIT ASSISTANCE

JAN 31 2001

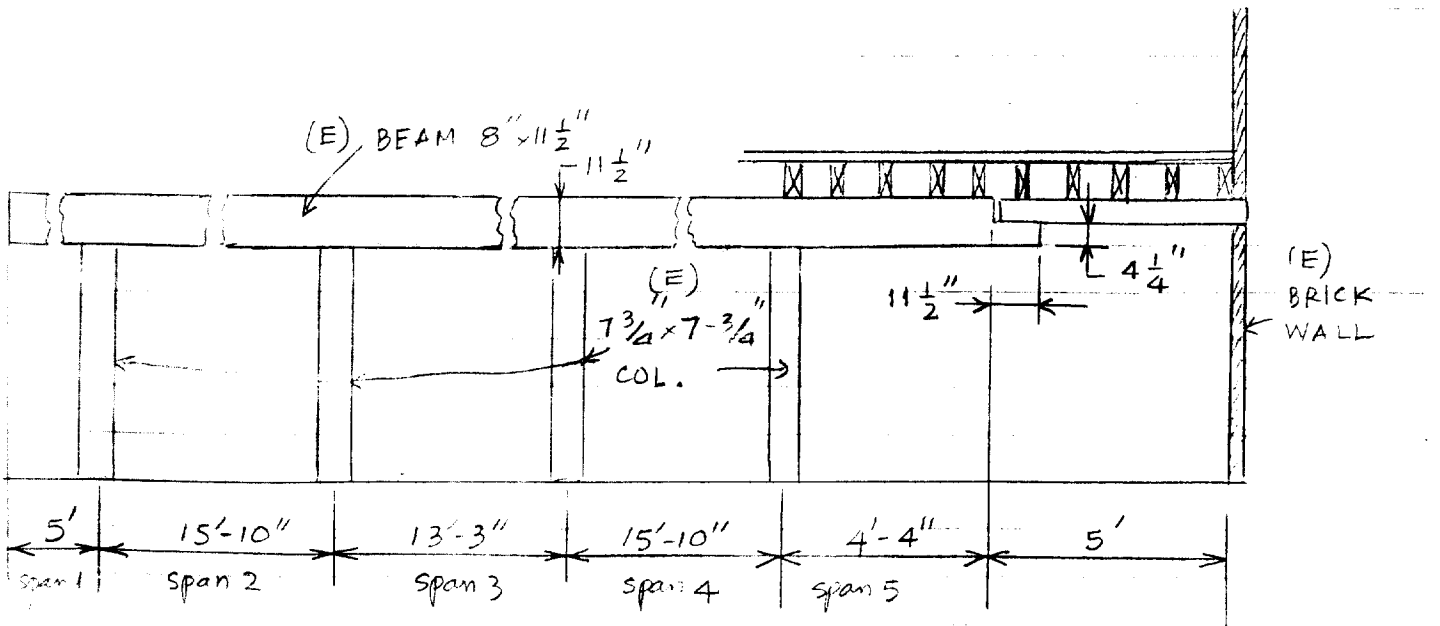
OCT 23 2000

**RECEIVED**

TABLOID 95, 908 2<sup>nd</sup> street OLD SAC  
 NEW COLUMNS FOR EXISTING BEAM



EXISTING FLOOR-PLAN



EXISTING ELEVATION A-A

Live Load (LL) :

For Retail store :  $LL = 75 \text{ lb/ft}^2$  (uniform load)

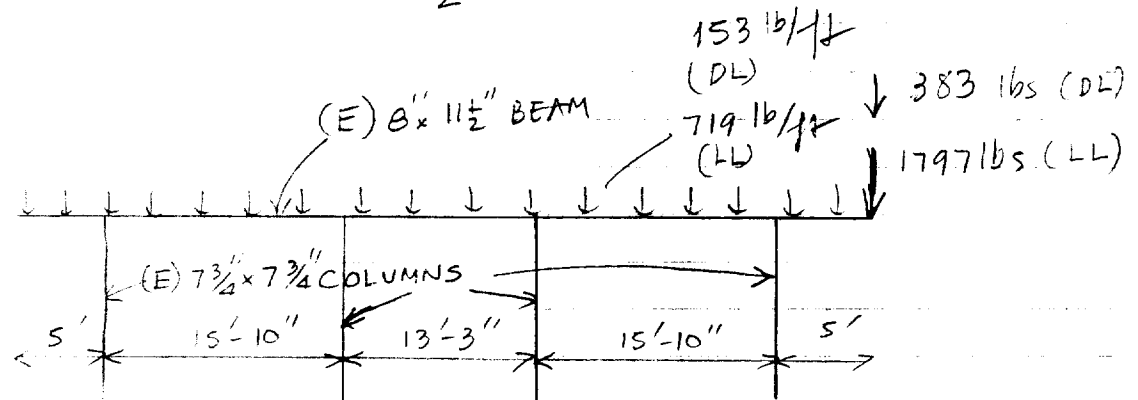
$LL = 2000 \text{ lbs}$  (concentrated load)

Uniform load on beam :

$$LL = 75 \times \frac{19.17}{2} = 719 \text{ lb/ft}$$

Load at the end of cantilever beam :

$$F = 75 \times \frac{5}{2} \times \frac{19.17}{2} = 1797 \text{ lbs}$$



Dead Load (DL) :

Floor joist	$= 50 \text{ #/ft}^3 \times \frac{3 \times 11.5}{144} \times \frac{12}{13} = 10.66 \text{ #/ft}^2$
Plywood	$= 50 \times (\frac{3}{4}) / 12 = 3.13$
Ins.	$= 2.0$
	$\underline{15.79 = \text{#/ft}^2}$

use  $16 \text{ lb/ft}^2$  for dead load

$$\text{Uniform DL} = 16 \times \frac{19.17}{2} = 153 \text{ lb/ft}$$

$$\text{Concentrated DL} = 16 \times \frac{19.17}{2} \times \frac{5}{2} = 383 \text{ lb/ft}$$

$$\begin{aligned} \text{Total DL} &= 153 + 153 = 306 \text{ lb/ft} \quad (\text{uniform}) \\ &= 1797 + 383 = 2180 \text{ lbs} \quad (\text{concentrated}) \end{aligned}$$

**Multi-Span Timber Beam**

Description OLD SAC Fox Existing Condition

**General Information**

Douglas Fir - Larch, No.2 Fb : Basic Allow 900.0 psi Elastic Modulus 1,600.0 ksi  
Spans Considered Continuous Over Support Fv : Basic Allow 95.0 psi Load Duration Factor 1.000  
Calculations are designed to 1997 NDS and 1997 UBC Requirements

**Timber Member Information**

Description	Cantilever, L=5 ft	L=15.83 ft	L=13.25 ft	L=15.83 ft	Cantilever, L=5 ft
Span	ft 5.00	15.83	13.25	15.83	5.00
Timber Section	8x12	8x12	8x12	8x12	8x12
Beam Width	in 8.000	8.000	8.000	8.000	8.000
Beam Depth	in 11.500	11.500	11.500	11.500	11.500
End Fixity	Free - Fix	Fix - Fix	Fix - Fix	Fix - Fix	Fix - Free
Le: Unbraced Length	ft 0.00	0.00	0.00	0.00	0.00
Member Type	Sawn	Sawn	Sawn	Sawn	Sawn

**Loads**

Live Load Used This Span ?	Yes	Yes	Yes	Yes	Yes
Dead Load #/ft	153.00	153.00	153.00	153.00	153.00
Live Load #/ft	719.00	719.00	719.00	719.00	719.00
Point #1 Dead Load lbs					383.00
Live Load lbs					1,797.00
@ X ft					5.000

**Results**

Mmax @ Cntr	in-k 0.0	109.3	76.5	109.3	0.0
@ X =	ft 0.00	7.91	6.62	7.91	0.00
Max @ Left End	in-k 0.0	-218.5	-153.1	-218.5	-261.6
Max @ Right End	in-k -130.8	-218.5	-153.1	-218.5	0.0
fb Actual	psi 741.8	1,239.2	868.2	1,239.2	1,483.6
Fb : Allowable	psi 900.0	900.0	900.0	900.0	900.0
	Bending OK	OverStress	Bending OK	OverStress	OverStress
Shear @ Left	k 0.00	6.90	5.78	6.90	6.54
Shear @ Right	k 4.36	6.90	5.78	6.90	0.00
fv Actual	psi 57.3	99.0	81.6	99.0	93.4
Fv : Allowable	psi 95.0	95.0	95.0	95.0	95.0
	Shear OK	OverStress	Shear OK	OverStress	Shear OK

**Reactions & Deflection**

DL @ Left	k 0.00	1.21	1.01	1.21	1.15
LL @ Left	k 0.00	5.69	4.76	5.69	5.39
Total @ Left	k 0.00	6.90	5.78	6.90	6.54
DL @ Right	k 0.76	1.21	1.01	1.21	0.00
LL @ Right	k 3.59	5.69	4.76	5.69	0.00
Total @ Right	k 4.36	6.90	5.78	6.90	0.00
Max. Deflection @ X =	in -0.073	-0.152	-0.075	-0.152	-0.169
	ft 0.00	7.91	6.62	7.91	5.00

**Query Values**

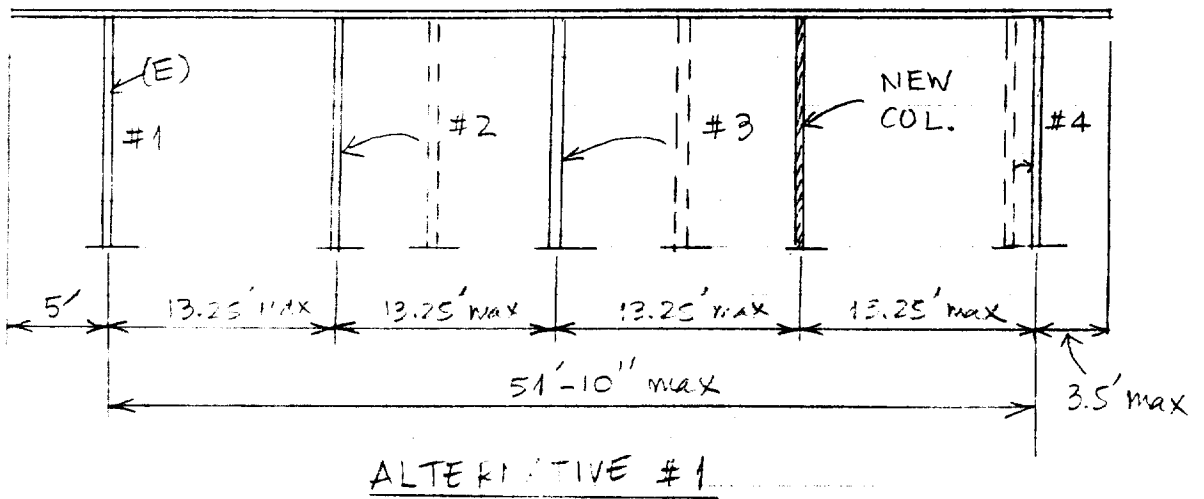
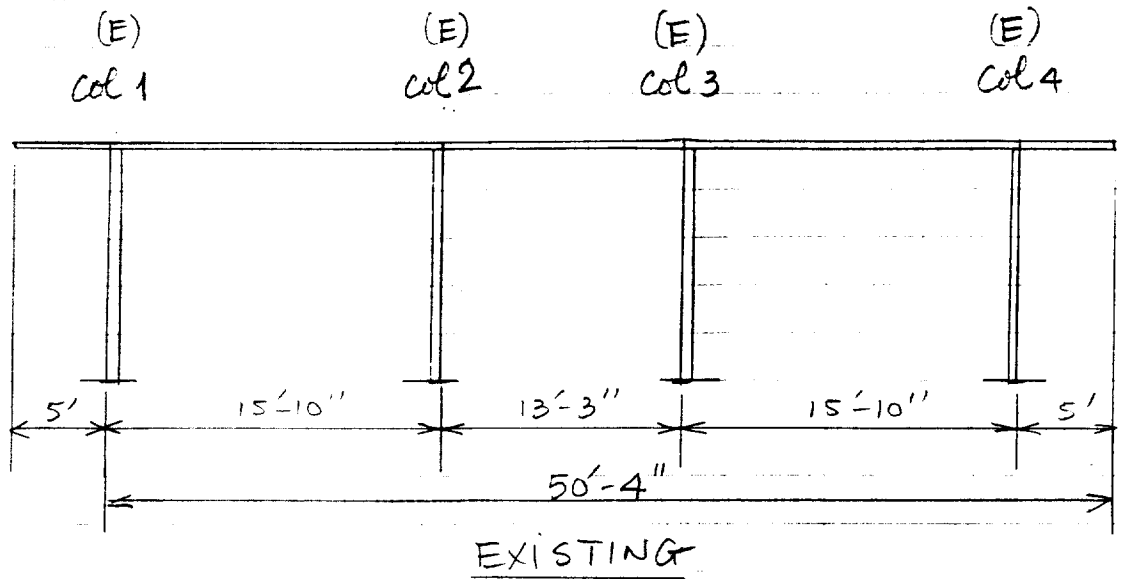
Location	ft 0.00	0.00	0.00	0.00	0.00
Moment	in-k 0.0	-218.5	-153.1	-218.5	-261.6
Shear	lbs 0.0	6.9	5.8	6.9	6.5
Deflection	in -0.0726	0.0000	0.0000	0.0000	0.0000



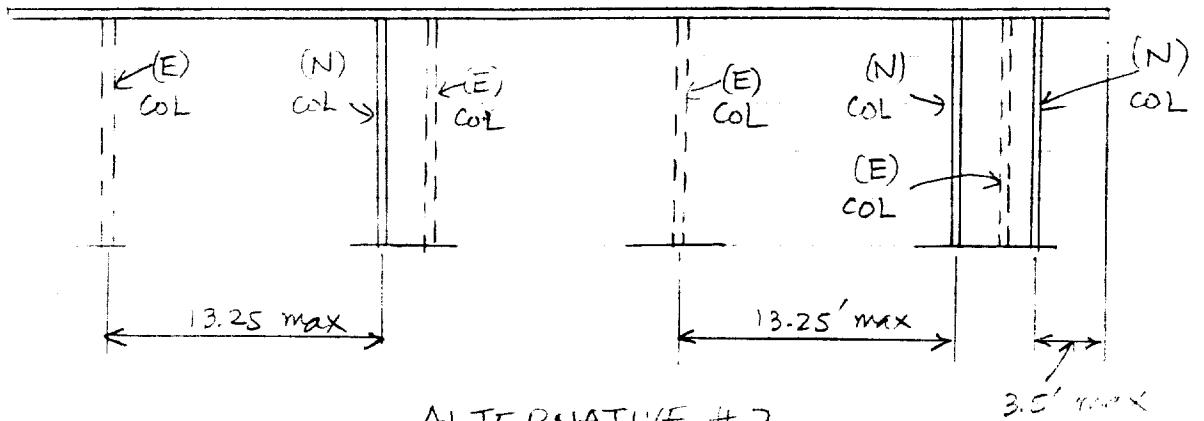


From Computer output, span 2 ( $L = 15.83'$ ), span 4 ( $L = 15.83'$ ), and span 5 ( $L = 4.33'$ ) are over stress; therefore, more columns will be needed on these spans to reduce their span lengths. The output from computer program indicates that the maximum span length is 13.25 feet is acceptable for span 2 & 4. For cantilever span 5,  $L_{max} = 3.50$  feet is O.K. Therefore, there are two alternatives to fix this problem. First is to keep the existing columns in place, then add 3 new columns in to reduce their span lengths. Second is to move the existing columns to make the span lengths equal to 13.25 feet max and add 1 new column for cantilever span.

The following are the sketches of the existing columns and the alternatives.



Relocate col #2, #3, #4 & add 1 new col.



KEEP THE EXISTING COL'S IN PLACE  
ADD 3 NEW COL'S.

load on column (Alt #2)

$$DL = 153 \times \frac{15.83}{2} = 1211 \text{ lbs}$$

$$LL = 719 \times \frac{15.83}{2} = 5691 \text{ lbs}$$

For Alt #1

$$DL = 153 \times 13.25 = 2027 \text{ lbs}$$

$$LL = 719 \times 13.25 = 9527 \text{ lbs}$$

### Timber Column Design

Description Column

#### General Information

Calculations are designed to 1997 NDS and 1997 UBC Requirements

Wood Section	6x6	Total Column Height	8.00 ft	Le XX for Axial	8.00 ft
Rectangular Column		Load Duration Factor	1.00	Le YY for Axial	8.00 ft
Column Depth	5.50 in	F <sub>c</sub>	1,350.00 psi	Lu XX for Bending	8.00 ft
Width	5.50 in	F <sub>b</sub>	900.00 psi		
Sawn		E - Elastic Modulus	1,600 ksi		
		Douglas Fir - Larch, No.2			

#### Loads

	Dead Load	Live Load	Short Term Load
Axial Load	2,027.25 lbs	9,526.75 lbs	0.00 lbs
Eccentricity	0.250 in		

#### Summary

Column OK

Using : 6x6, Width= 5.50in, Depth= 5.50in, Total Column Ht= 8.00ft

	DL + LL	DL + LL + ST	DL + ST
f <sub>c</sub> : Compression	381.95 psi	381.95 psi	67.02 psi
F <sub>c</sub> : Allowable	1,001.08 psi	1,001.08 psi	1,001.08 psi
f <sub>bx</sub> : Flexural	104.17 psi	104.17 psi	18.28 psi
F'bx : Allowable	900.00 psi	900.00 psi	900.00 psi
Interaction Value	<b>0.2984</b>	<b>0.2984</b>	<b>0.0257</b>

#### Stress Details

F <sub>c</sub> : X-X	1,001.08 psi	Max k*Lu / d	50.00
F <sub>c</sub> : Y-Y	1,001.08 psi	Actual k*Lu/d	23.10
F <sub>c</sub> : Allowable	1,001.08 psi	Min. Allow k*Lu / d	11.00
F <sub>c</sub> :Allow * Load Dur Factor	1,001.08 psi	C <sub>f</sub> : Bending	1.000
F'bx	900.00 psi	R <sub>b</sub> : (Le d / b^2) ^ .5	5.667
F'bx * Load Duration Factor	900.00 psi	C <sub>f</sub> : Axial	1.000
		Axial X-X k Lu / d	17.45
		Axial Y-Y k Lu / d	17.45

### Square Footing Design

**Description** Footing for Alternative #1

#### General Information

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

Dead Load	2.030 k	Footing Dimension	3.000 ft
Live Load	9.530 k	Thickness	12.00 in
Short Term Load	0.000 k	# of Bars	4
Seismic Zone	3	Bar Size	4
Overburden Weight	0.000 psf	Rebar Cover	3.000
Concrete Weight	145.00 pcf	f <sub>c</sub>	2,500.0 psi
LL & ST Loads Combine		F <sub>y</sub>	40,000.0 psi
Load Duration Factor	1.330		
Column Dimension	6.00 in	Allowable Soil Bearing	1,500.00 psf

#### Reinforcing

##### Rebar Requirement

Actual Rebar "d" depth used	8.750 in	As to USE per foot of Width	0.147 in <sup>2</sup>
200/F <sub>y</sub>	0.0050	Total As Req'd	0.441 in <sup>2</sup>
As Req'd by Analysis	0.0007 in <sup>2</sup>	Min Allow % Reinf	0.0014
Min. Reinf % to Req'd	0.0014 %		

#### Summary

Footing OK

3.00ft square x 12.0in thick with 4- #4 bars

Max. Static Soil Pressure	1,429.44 psf	V <sub>u</sub> : Actual One-Way	11.50 psi
Allow Static Soil Pressure	1,500.00 psf	V <sub>n</sub> *Phi : Allow One-Way	85.00 psi
Max. Short Term Soil Pressure	1,429.44 psf	V <sub>u</sub> : Actual Two-Way	33.64 psi
Allow Short Term Soil Pressure	1,995.00 psf	V <sub>n</sub> *Phi : Allow Two-Way	170.00 psi
Mu : Actual	1.81 k-ft	Alternate Rebar Selections...	
Mn * Phi : Capacity	6.83 k-ft	3 # 4's	2 # 5's
		1 # 7's	1 # 8's
			2 # 6's
			1 # 9's
			1 # 10's

### Square Footing Design

Description For Alternative #2

#### General Information

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

Dead Load	1.210 k	Footing Dimension	2.500 ft
Live Load	5.690 k	Thickness	12.00 in
Short Term Load	0.000 k	# of Bars	4
Seismic Zone	3	Bar Size	4
Overburden Weight	0.000 psf	Rebar Cover	3.000
Concrete Weight	145.00 psf	f <sub>c</sub>	2,500.0 psi
LL & ST Loads Combine		F <sub>y</sub>	40,000.0 psi
Load Duration Factor	1.330		
Column Dimension	0.00 in	Allowable Soil Bearing	1,500.00 psf

#### Reinforcing

##### Rebar Requirement

Actual Rebar "d" depth used	8.750 in	As to USE per foot of Width	0.147 in <sup>2</sup>
200/F <sub>y</sub>	0.0050	Total As Req'd	0.368 in <sup>2</sup>
As Req'd by Analysis	0.0006 in <sup>2</sup>	Min Allow % Reinf	0.0014
Min. Reinf % to Req'd	0.0014 %		

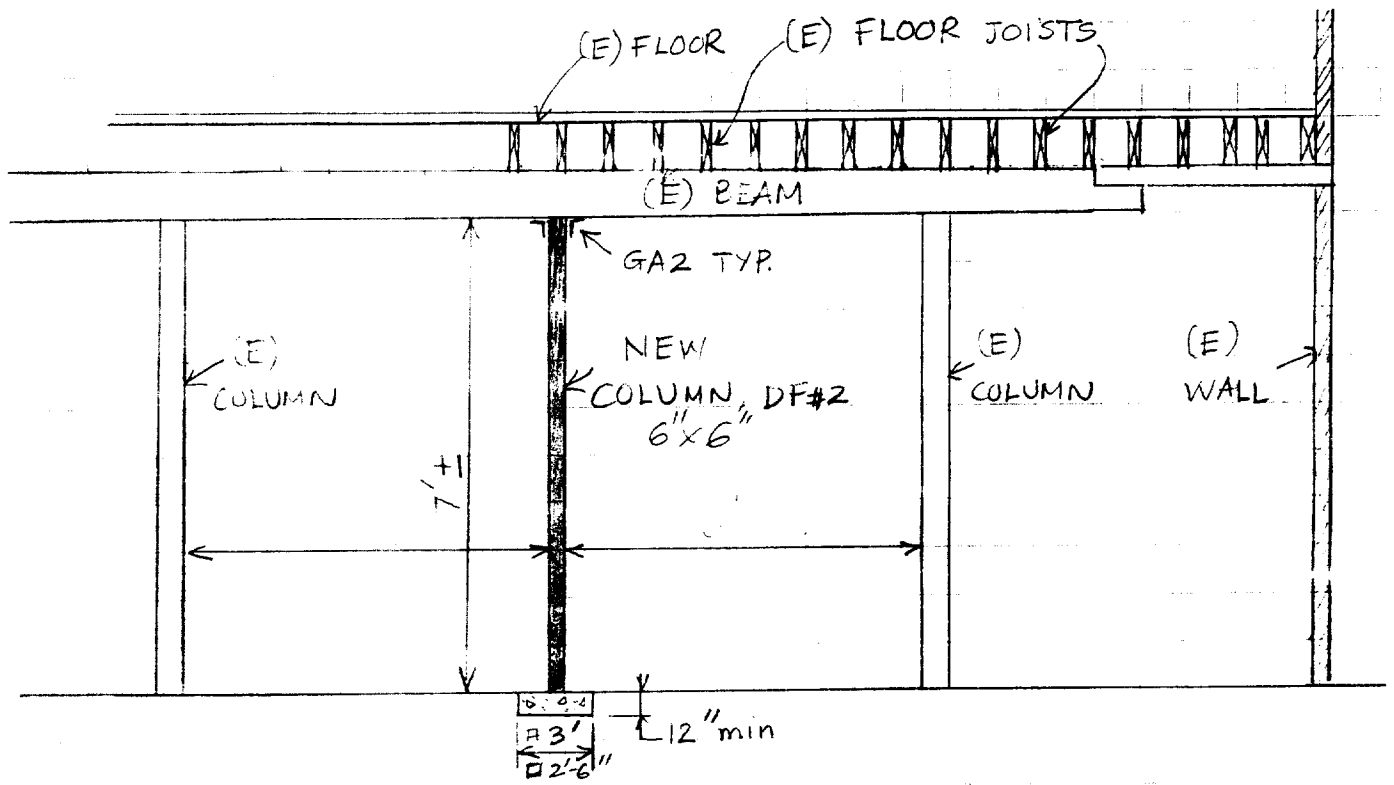
#### Summary

Footing OK

2.50ft square x 12.0in thick with 4- #4 bars

Max. Static Soil Pressure	1,249.00 psf	V <sub>u</sub> : Actual One-Way	10.03 psi
Allow Static Soil Pressure	1,500.00 psf	V <sub>n</sub> *Phi : Allow One-Way	85.00 psi
Max. Short Term Soil Pressure	1,249.00 psf	V <sub>u</sub> : Actual Two-Way	37.75 psi
Allow Short Term Soil Pressure	1,995.00 psf	V <sub>n</sub> *Phi : Allow Two-Way	170.00 psi
Mu Actual	1.58 k-ft	Alternate Rebar Selections...	
Mn * Phi Capacity	8.16 k-ft	2 # 4's	2 # 5's
		1 # 7's	1 # 8's
		1 # 6's	1 # 9's
		1 # 10's	

COLUMN DESIGN  
FOR TABLOID 95



CONCRETE:  
 $f'_c = 2500 \text{ psi}$

STEEL:  
 $f_y = 36000 \text{ psi}$

