

CITY OF SACRAMENTO

Permit No: 9809851

1231 I Street, Sacramento, CA 95814

Insp Area: 3

Site Address: 2848 MARSHALL WY SAC

Sub-Type: ASFR

Parcel No: 0130121020

Housing (Y/N): N

CONTRACTOR

OWNER

ARCHITECT

HUNT DEAN
2848 MARSHALL WY
SACRAMENTO CA

95818

Nature of Work: CONVERT LOWER LEVEL TO STORAGE CHANGE FROM PIER AND POST

SUPPORT TO GLU LAM AT UNDER FLOOR ADD I HR SEPARATION

PER PLAN ADD NEW HVAC UNIT

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: _____

X Date 10/5/98 Owner Signature Emily Manogueria

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.

X Date 10/5/98 Applicant/Agent Signature Emily Manogueria

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.

X Date 10/5/98 Applicant Signature Emily Manogueria

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

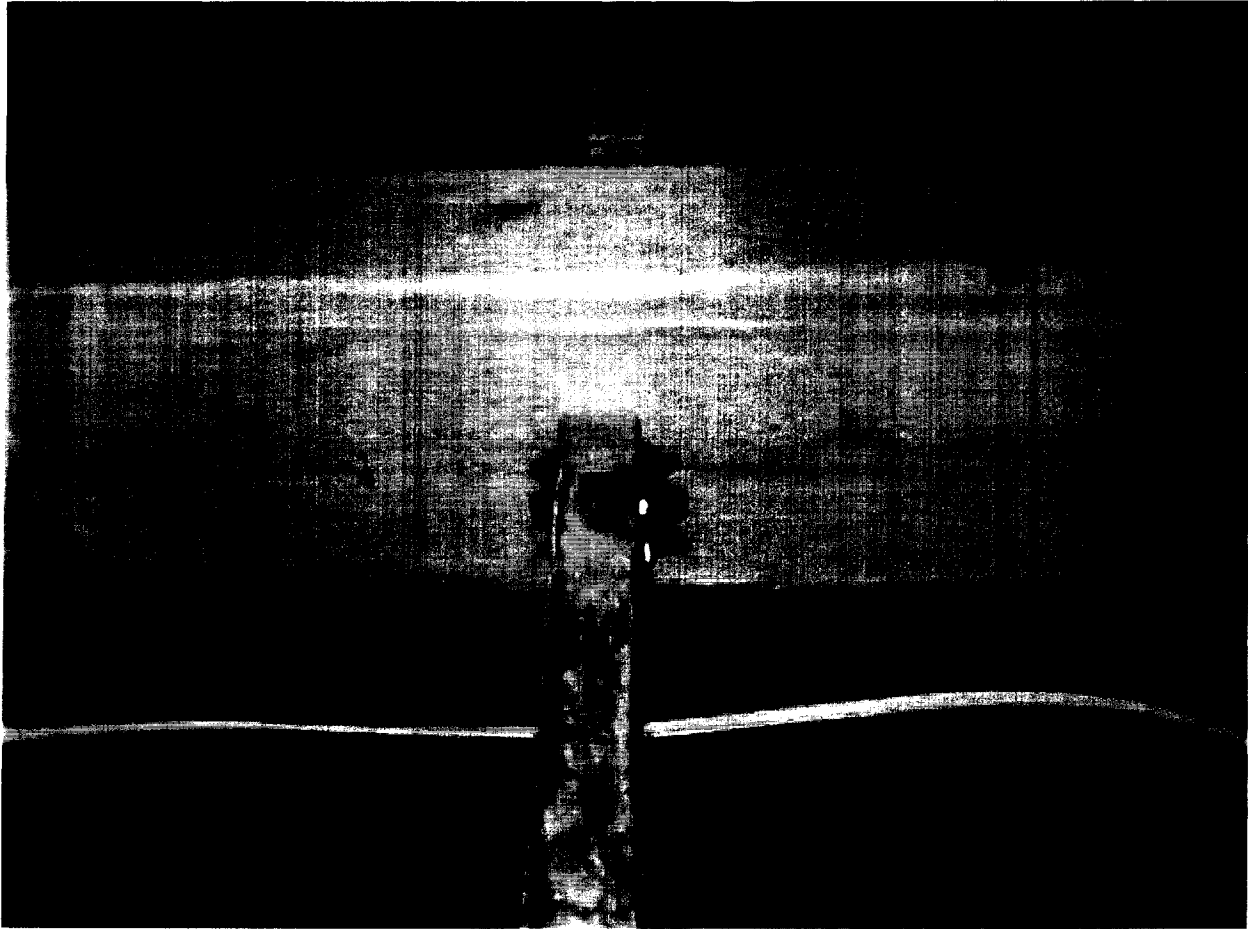
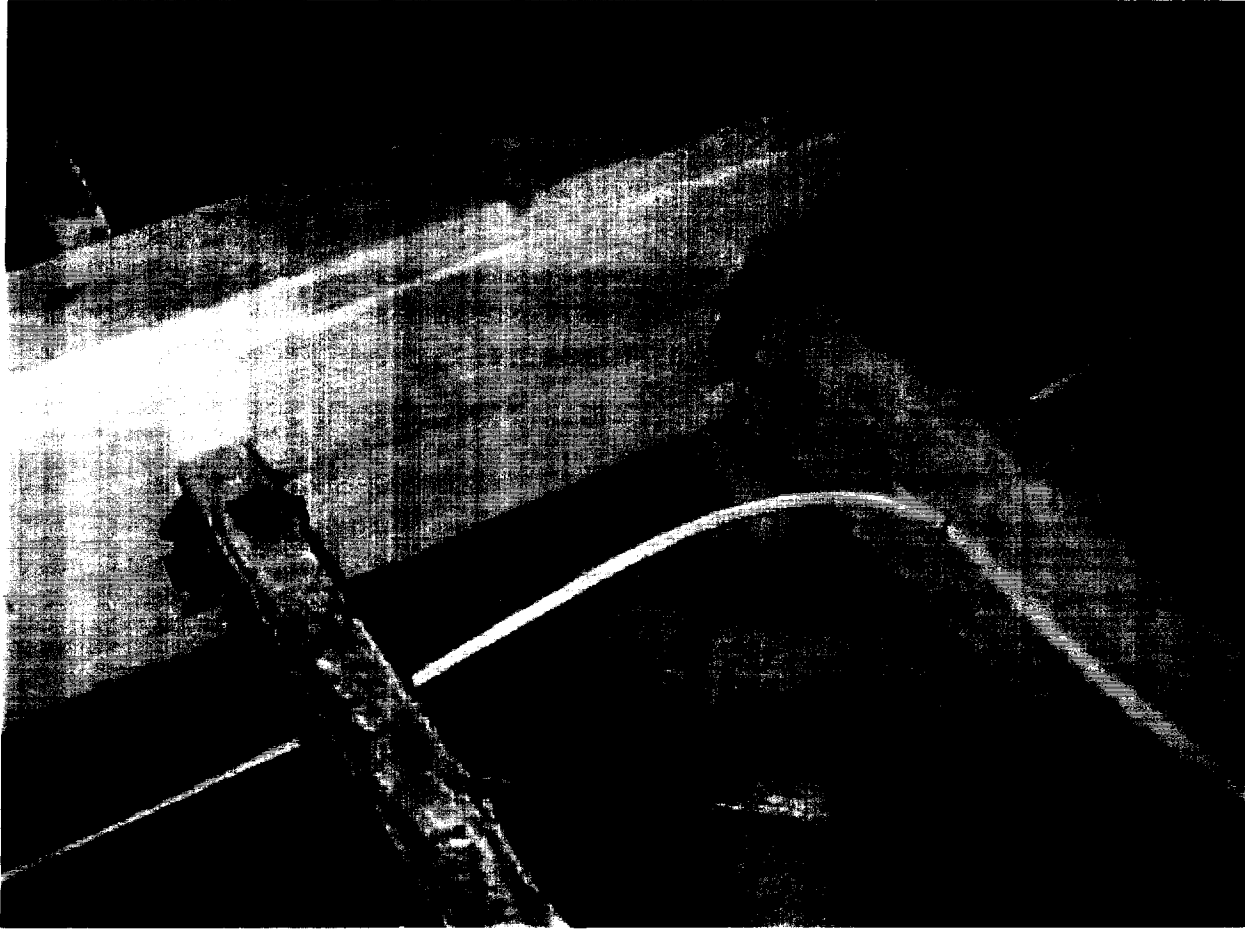
TABLE 23-III-NN—THREADED HARDENED-STEEL NAIL DESIGN VALUES (Z) FOR SINGLE SHEAR^{1,2,3}
(Two-member) CONNECTIONS WITH ASTM A 446, GRADE A STEEL SIDE PLATE—(Continued)

STEEL SIDE PLATE	NAIL LENGTH L inches 25.4 for mm	WIRE DIAMETER D inches	PENNY-WEIGHT	G = 0.50 × 4.45 for N			DOUGLAS FIR (S) HEM-FIR (N) Z lbs.
				RED OAK Z lbs.	MIXED MAPLE SOUTHERN PINE Z lbs.	DOUGLAS FIR-LARCH Z lbs.	
k=0.048" 20 gage k=1.0/36"	2	0.120	6d	112	96	89	83
	2 1/2	0.120	8d	112	96	89	83
	3	0.135	10d	142	121	112	105
	3 1/4	0.135	12d	142	121	112	105
	3 1/2	0.148	16d	160	137	127	118
	2 1/2	0.120	6d	112	96	88	83
3	0.120	8d	112	96	88	83	
3	0.135	10d	142	121	112	105	

Single side wire
k=0.048"

¹Tabulated lateral design values (Z) for nailed connections shall be multiplied by all applicable adjustment factors (see Table 23-III-A).
²Tabulated lateral design values (Z) are for threaded hardened-steel nails inserted in side grain with nail axis perpendicular to wood fibers, and with the following nail bending yield strength (F_{yb}):
 $F_{yb} = 130,000$ psi (897 N/mm²) for 0.120-inch- (3.0 mm) and 0.135-inch-diameter (3.4 mm) threaded hardened-steel nails.
 $F_{yb} = 115,000$ psi (793 N/mm²) for 0.148-inch- (3.8 mm) and 0.177-inch (4.5 mm) threaded hardened-steel nails.
 $F_{yb} = 100,000$ psi (690 N/mm²) for 0.207-inch-diameter (5.3 mm) threaded hardened-steel nails.
³Tabulated lateral design values (Z) are based on a dowel-bearing strength (F_{db}) of 45,000 psi (310 N/mm²) for ASTM A 446, Grade A steel.

(Table continues)







February 18, 1999

City of Sacramento
1231 I Street, Room 200
Sacramento, CA

To Whom It May Concern:

Subject: Permit #9809851R
Inspection Area 3
2848 Marshall Way

A correction notice was issued on 2/9/99 for the subject permit. I would like to respectfully disagree with item #1 and #2 and ask that you reconsider your position.

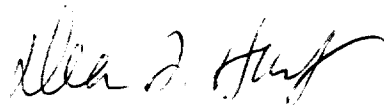
Item #1 states "Missing Simpson HGUS 5 to be installed or plan change". Referring to the plans, Sheet A.0, Detail 1 and Key Note 7 indicates using a Simpson hanger to support the new Glu-Lam from a new 6x12 header across the opening. During construction it was determined that adequate clearance above the header would allow for the Glu-Lam to be placed on the header thereby making the connection stronger.

Item #2 states "Hangers to be installed per Simpson spec N10's not #8 sinkers". The Simpson spec does allow for the use of nails other than Simpson type for their Face Mount LUS26 Joist Hangers. A single 8d common nail can support 87 pounds (1994 UBC Table 23-III-NN). The hanger has a total of eight (8) nails. The floor loading would calculate to the following:

$R = \frac{1}{2} \times 8' \times 1.5' \times (40 + 10) = 300 \#$ per sq. ft. floor loading
The hanger can support $8 \times 87\# = 696 \#$.

Additionally, removing the nails would reduce the holding ability of the hanger. I have reviewed this with my structural engineer, Frank Chan (S-2512) and he concurs.

Sincerely,



Dean L. Hunt
2848 Marshall Way
Sacramento, CA 95818