CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0105376
Insp Area: 1

Site Address: 1401 47TH ST SAC
Parcel No: 008-0334-026

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

CONTRACTOR
JAY WEB CONSTRUCTION
869 SAWNSTON DR
SAC, CA 95818

OWNER
MCCLENAHEN LACHLAN & JOYCE E
1401 47TH ST
SACRAMENTO CA 95819

ARCHITECT

Nature of Work: DEMO (E) 246 SF FMLY RM AND CONSTRUCT NEW 336 SF FMLY RM(+90 SF) & REPITCH (E) ROOF STRUCTURE.

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'sAddress____

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 592797 Date 7-11-01 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 isexempt 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 herby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 7-11-01 Applicant/Agent 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.

X 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 EXEMPT Policy Number Exp Date

____ (This section need not be completed if the permit is for $100.00 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 provisions of Section 3700 of the Labor Code, and I 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 7-11-01 Applicant 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.

Date of Request: 4/30/01
By: Joyce McClenahen

CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION
PLANNING AND ZONING INFORMATION REQUEST

Project Address: 1401 47th Street

Assessor's Parcel Number: 008-0334-026.

Previous Use: sfw. det. gar.

Description of Request/Proposed Use: add a rec rm and pitch the roof (*) ~~by enclosing screened patio~~ (*) remove existing screened patio and replace with new library room; also adding walk-in closet to existing master bedroom.

Is This a Change of Use? NO

Zoning Designation: R-1

Prior Applications for Project Site(P#, Z#, DRPB#): X

Comments: Setbacks and lot coverage okay

Are There Any Planning Issues?: (circle one) YES (NO)

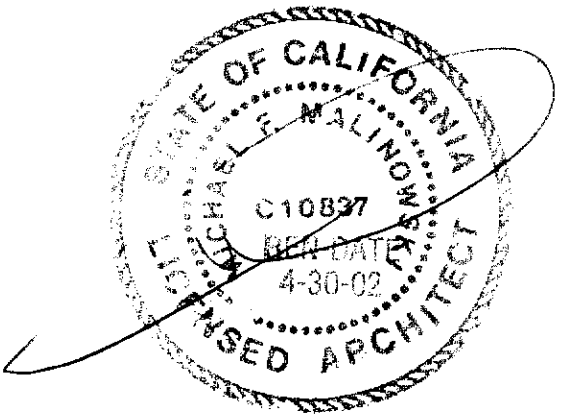
* Staff Site Plan Check Required? (Circle one) YES (NO)
* Field Inspection Required? (Circle one) YES (NO)
* Design Review/Preservation Required? (Circle one) YES (NO)

Planning Review by/Date: M May 4.30.01.

A list of items that must be reviewed by Planning is provided on the reverse side of this form.

MICROFILM AFTER FINAL

APPLIED ARCHITECTURE INCORPORATED



August 13, 2001

Building Inspections
City of Sacramento
1231 I Street
Sacramento, CA

RE: McClenehan Residence - 1401 47th Street (Permit No. 0105376)
Response to Corrections Notice - 09/15/01

To Whom It May Concern,

The following is a response to the individual items requested on the Corrections Notice dated 09/15/01:

1. The project was designed under the provisions of the 1997 CaBC for Conventional Light Frame Construction (Ch. 23, Div. IV) which allow for 3-8d toenail at blocking between joists or rafters to top plate, (Table 23-II-B-1 Nailing Schedule - enclosed) for the adequate transfer of shear from roof framing to existing and new construction. No detail is required.

2. Anchor bolts will be provided by Contractor at all plate breaks.

3. Enclosed is a detail sheet from the manufacturer of the LVL's that show the nailing schedule for three ply or less LVL's. This should provide adequate information for the requested connection detail of a multiple LVL.

Also enclosed is the detail for the support of a LVL across 12 existing studs for the support of roof framing.

Please call if you have any questions, concerns, or comments.

Sincerely,

Edward Mojica AIA

Edward Mojica, AIA
Project Architect

M. Malinowski AIA Architect

(916) 442-6955
fax 442- 6649
architect@2xtreme.net
2420 K Street
Sacramento, CA 95816

TABLE 23B-I-Q—NAILING SCHEDULE

CONNECTION	NAILING[1]
1. Joist *or rafters to sides of studs*	
8-inch joist or less	*3-16d*
For each additional 4 inches in depth of joist	*1-16d*
2. Bridging to joist, toenail each end	2-8d
a. Blocking between joists or rafters—	
To joist or rafters—Toenails each side, each end	*2-10d*[12]
b. Blocking between studs, each end	*2-10d toenails or 2-16d*
3. 1" x 6" (25 mm x 152 mm) subfloor or less to each joist, face nail	2-8d
4. Wider than 1" x 6" (25 mm x 152 mm) subfloor to each joist, face nail	3-8d
5. 2" (51 mm) subfloor to joist or girder, blind and face nail	2-16d
6. Sole plate to joist or blocking, typical face nail	16d at 16" (406 mm) o.c.
Sole plate to joist or blocking, at braced wall panels	3-16d per 16" (406 mm)
7. Top plate to stud, end nail	2-16d
8. Stud to sole plate	4-8d, toenail or 2-16d, end nail
9. Double studs, face nail	16d at 24" (610 mm) o.c.
10. Doubled top plates, typical face nail	16d at 16" (406 mm) o.c.
Double top plates, lap splice	8-16d
11. Blocking between joists or rafters to top plate, toenail	3-8d
12. Rim joist to top plate, toenail	8d at 6" (152 mm) o.c.
13. Top plates, laps and intersections, face nail	2-16d
14. Continuous header, two pieces	16d at 16" (406 mm) o.c. along each edge
15. Ceiling joists to plate, toenail	3-8d
16. Continuous header to stud, toenail	4-8d
17. Ceiling joists, laps over partitions, face nail	3-16d
18. Ceiling joists to parallel rafters, face nail	3-16d
19. *Joist or rafters at all bearings—toenails, each side*	*2-10d*
20. 1" (25 mm) brace to each stud and plate, face nail	2-8d
21. 1" x 8" (25 mm x 203 mm) sheathing or less to each bearing, face nail	2-8d
22. Wider than 1" x 8" (25 mm x 203 mm) sheathing to each bearing, face nail	3-8d
23. Built-up corner studs	16d at 24" (610 mm) o.c.
24. Built-up girder and beams	20d at 32" (813 mm) o.c. at top and bottom and staggered 2-20d at ends and at each splice
25. 2" (51 mm) planks	2-16d at each bearing
26. Wood structural panels and particleboard:[2]	
Subfloor, roof and wall sheathing (to framing): (1 inch = 25.4 mm)	
1/2" and less	6d[3]
19/32"-3/4"	8d[4] or 6d[5]
7/8"-1"	8d[3]
1 1/8"-1 1/4"	10d[4] or 8d[5]
Combination subfloor-underlayment (to framing): (1 inch = 25.4 mm)	
3/4" and less	6d[5]
7/8"-1"	8d[5]
1 1/8"-1 1/4"	10d[4] or 8d[5]
27. Panel siding (to framing):	
1/2" (13 mm) or less	6d[6]
5/8" (16 mm)	8d[6]
28. Fiberboard sheathing:[7]	
1/2" (13 mm)	No. 11 ga.[8]
	6d[4]
25/32" (20 mm)	No. 16 ga.[9]
	No. 11 ga.[8]
	8d[4]
	No. 16 ga.[9]
29. Interior paneling	
1/4" (6.4 mm)	4d[10]
3/8" (9.5 mm)	6d[11]

[1]Common or box nails may be used except where otherwise stated.

[2]Nails spaced at 6 inches (152 mm) on center at edges, 12 inches (305 mm) at intermediate supports except 6 inches (152 mm) at all supports where spans are 48 inches (1219 mm) or more. For nailing of wood structural panel and particleboard diaphragms and shear walls, refer to Section 2314B.3. Nails for wall sheathing may be common, box or casing.

[3]Common or deformed shank.

[4]Common.

[5]Deformed shank.

[6]Corrosion-resistant siding or casing nails conforming to the requirements of Section 2325B.1.

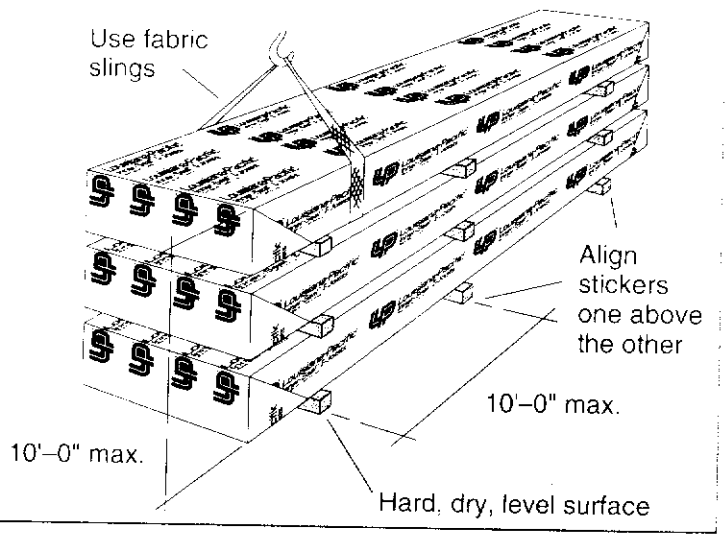
(Continued)

GANG-LAM W 2950 Fb 2.0E HANDLING AND INSTALLATION

Handling And Storage For Lumber Yard And Job Site

Warning: *Failure to follow good procedures for handling, storage and installation could result in unsatisfactory performance, unsafe structures and possible collapse.*

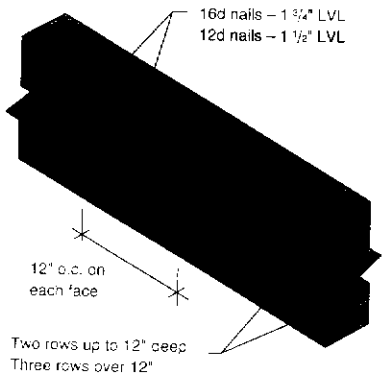
- ***Keep Gang-Lam LVL beams dry.***
- Check that beam plies are dry before nailing or bolting a beam together to avoid trapped moisture.
- Where possible, keep them in wrapped bundles.
- Don't stack bundles more than 10 feet high.
- Use forklifts and cranes carefully to avoid damaging beams.
- Don't use Gang-Lam LVL beams for other purposes such as ramps, planks, etc.



CONNECTION OF MULTIPLE PLY BEAMS

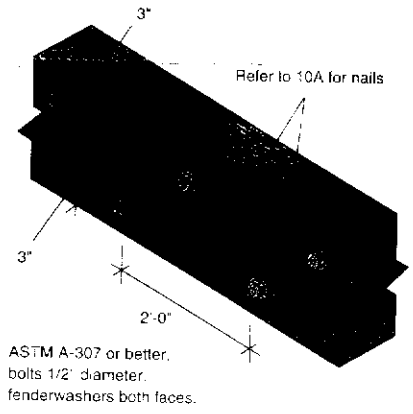
TOP LOADED (3 PLIES MAXIMUM)

Framing is applied on top of the beam so that each ply carries an equal load.



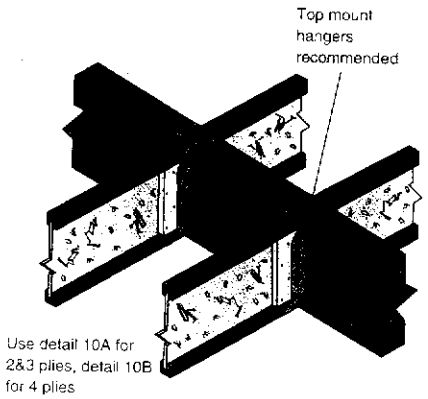
TOP LOADED 4 PLIES

Framing is applied on top of the beam so that each ply carries an equal load.



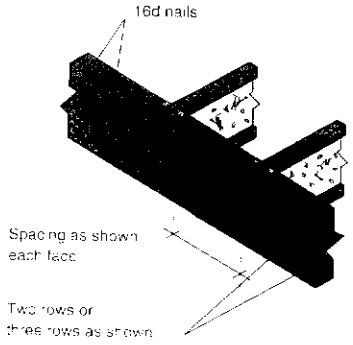
SIDE LOADED

The same framing is used on each side of the beam so the same load is carried on each face.



SIDE LOADED (3 PLIES MAXIMUM)

Framing is applied to one face so all the load is carried on one side of the beam.



2 PLY 1-3/4" BEAM MAXIMUM UNIFORM LOAD (PLF)

2 Rows Nails		3 Rows Nails	
12" o.c.	864	12" o.c.	1296
8" o.c.	1296	8" o.c.	1944

3 PLY 1-3/4" BEAM MAXIMUM UNIFORM LOAD (PLF)

2 Rows Nails		3 Rows Nails	
12" o.c.	648	12" o.c.	972
8" o.c.	972	8" o.c.	1458

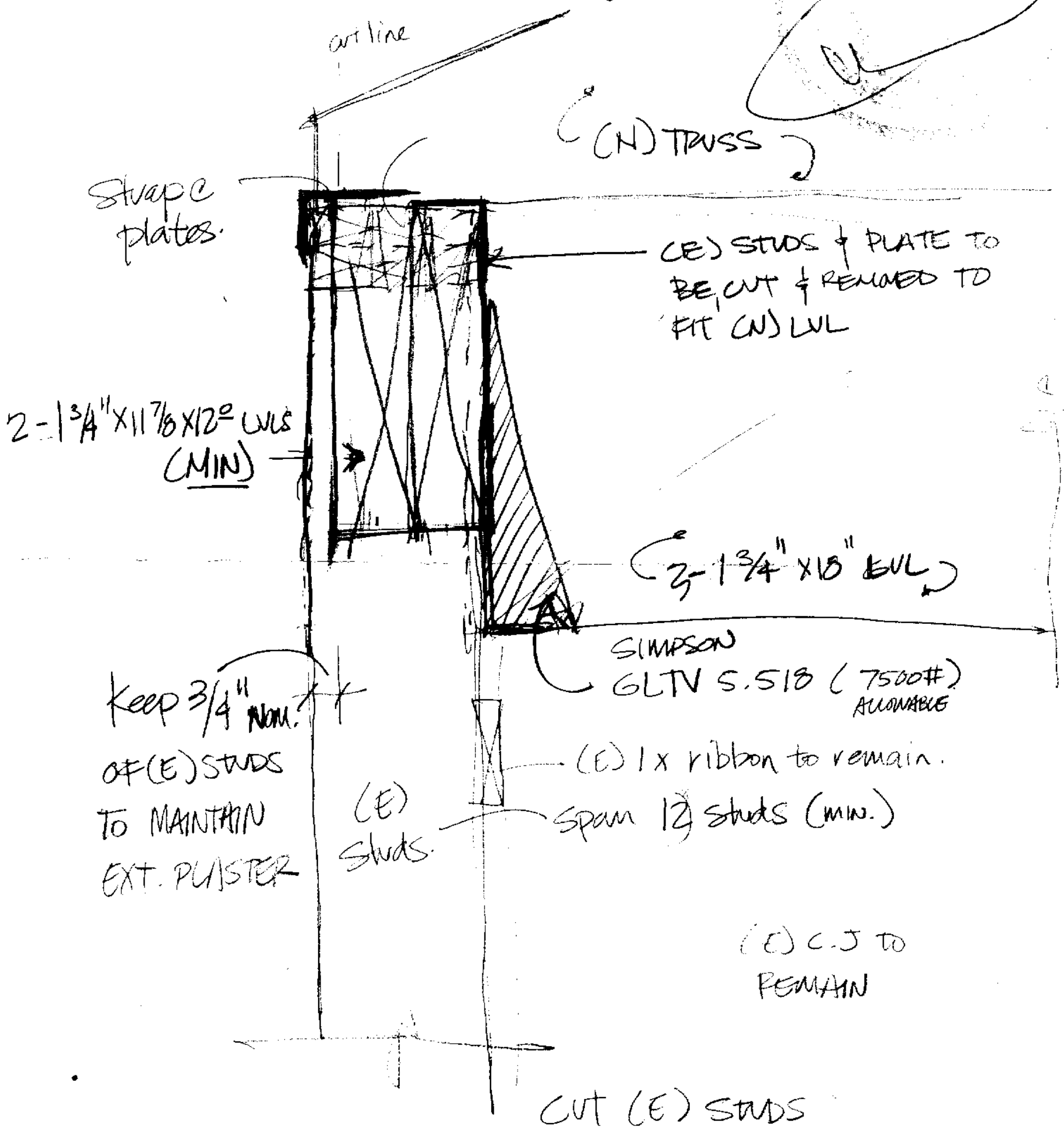
NOTE: (For 3-ply beams) Fasten 2 plies together with nails in each face as shown. Fasten 3rd ply.
Load must be applied to face opposite 3rd ply.

SIDE LOADED 4 PLY BEAMS ARE NOT RECOMMENDED

Loads shown are for normal load duration and may be increased where allowed by code by 15% for snow and 25% for non-snow loads.

Jay,

Here is the thought:



McClendon.

25 JULY 2001

EM

APPLIED ARCHITECTURE INCORPORATED

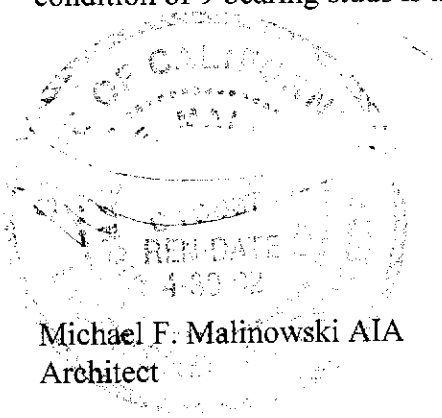
8-29-01

RE: McClenahan Residence
1401 47th Street

Field condition approval

To whom it may concern

It is acceptable to have 9 bearing studs under the double LVL which supports the main beam of the roof in lieu of the 12 bearing studs specified. Attached are supporting calculations. The existing studs are full cut (1 5/8 x 3 5/8) which provides increased capacity; in addition, the specified 12 studs was based on very conservative assumptions; a review of field conditions by myself has indicated that it is unnecessary to be quite so conservative. Thus the present condition of 9 bearing studs is acceptable.



Michael F. Malinowski AIA
Architect

memo/a091_m1.wpd

M. Malinowski AIA Architect
(916) 442-6955
fax 442- 6649
architect@2xtreme.net
2420 K Street
Sacramento, CA 95816

McClenahan 8-27-01

Total Load 6772#

stud length ≤ 10'

capacity for standard 2x4 in wall = 2139# each

Actual studs are 1 5/8 x 3 5/8 ∴ greater capacity

∴ ok with 9 studs bearing under LVL as actual field condition indicates.