

CITY OF SACRAMENTO

Permit No: 9806526

1231 I Street, Sacramento, CA 95814

Insp Area: 2

Site Address: 32 NORTHLITE CR SAC

Sub-Type: RES

Parcel No: 0300296005

Housing (Y/N): N

CONTRACTOR

RIVERA ROOFING
6825 CEDAR BLUFF WAY
95823

OWNER

BOWMAN DIRRIM LAURA/MARK AL
32 NORTHLITE CR
SACRAMENTO CA 95831

ARCHITECT

Nature of Work: REOVE 1 SHAKE ROOF, INSTALL 7/16 OSB AND EAGLELITE SPLIT SHAKE DOUBLE PONDEROSA BET AIR TILES - 46SQ

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 C-39 License Number 706968 Date 7-14-98 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 herby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 7-14-98 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 State Comp Ins Fund Policy Number 713-97-371

(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 7-14-98 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.

**SCHOEN ENGINEERING**

9524 BEDINGTON WAY  
SACRAMENTO, CA 95827  
(916) 369 6866  
Lic. # C042913

*Mark Schoen*  
Exp. 3/02

May 21, 1998

Laura Dirrim  
32 Northlite Circle  
Sacramento, CA 95831

**SUBJECT:** Reroof at 32 Northlite Circle, Sacramento, CA 95831

Dear Laura:

On May 15th 1998 I inspected the roof structure of your residence at the above mentioned address. I found the roof of the house to be made up of 2x6 Douglas fir No. 2 rafters @ 2' o.c. with a max span of 10' in the garage and 12'-4" in the house. There was a 6x8 front porch beam that spanned 19' and supported the ends of the main house rafters. A back porch area had 3x4 rafters 2' o.c. spanning 7'-10". There was a 6x6 back porch beam spanning 12'.

The following modifications should be made prior to reroofing.

- \* In the attic areas of the house the purlin braces and the ridge braces run by the purlins and are nailed into the sides of the supported member and then rely on a block nailed to the brace to support the purlin. These braces do not provide sufficient bearing for the purlins or ridge board and will need to be redone(see sketch for proper brace details).
- \* At the front porch beam a midspan 6x6 post should be installed and supported off of a footing 2'x2'x1'deep(see attached sketch). The post and footing may be located in any position that does not result in a beam span of greater than 14'.
- \* The rafters in the back porch are attached to the porch beam by toe nailing. These should have Simpson A34 clips installed between the rafter and the beam on each side of the rafter(see sketch). Also, where the skylights have been installed the rafters should be doubled.
- \* Where the valleys in the garage tie into the main slope of the house they are not properly supported. In this area install a 1-3/4"x14" microlam beam between the side walls of the garage and brace the point where the valley rafters meet the garage ridge board(see sketch for details).

\* Along the length of the main ridge all opposing pairs of rafters should be tied across the ridge with Simpson MST18 steel strap ties with 5-10d common nails into each rafter. Ties may be installed over existing sheathing.

It is my finding that with the above mentioned modifications this structure is adequate for the proposed reroof system which is comprised of: 1/2" plywood or O.S.B. sheathing installed over the existing skip sheathing; 30lb. tarred felt; 1x2 battens; lightweight concrete tile weighing 5.8 lbs./sq.ft..

NOTE: It is possible when reroofing that the increased load to structural elements also supporting wall, ceiling and floor finishes could cause some minor cosmetic cracking of these finishes. This is not untypical of a wood framed house and does not necessarily constitute structural inadequacy of these members.

This report deals with the structural adequacy of roof supporting members that were readily observable. It does not address any structure that was covered by wall finishes, buried in the ground or was otherwise not directly observable. These structures were assumed to be of standard construction as called for in the Uniform Building Code. Also, it does not address any existing deflection or warping of roof members. The repair of such deflections to improve architectural appearance, is at the option of the home owner and the roofing contractor.

I would like to thank you for allowing me to provide my services in this matter. Please let me know if I may be of further assistance.

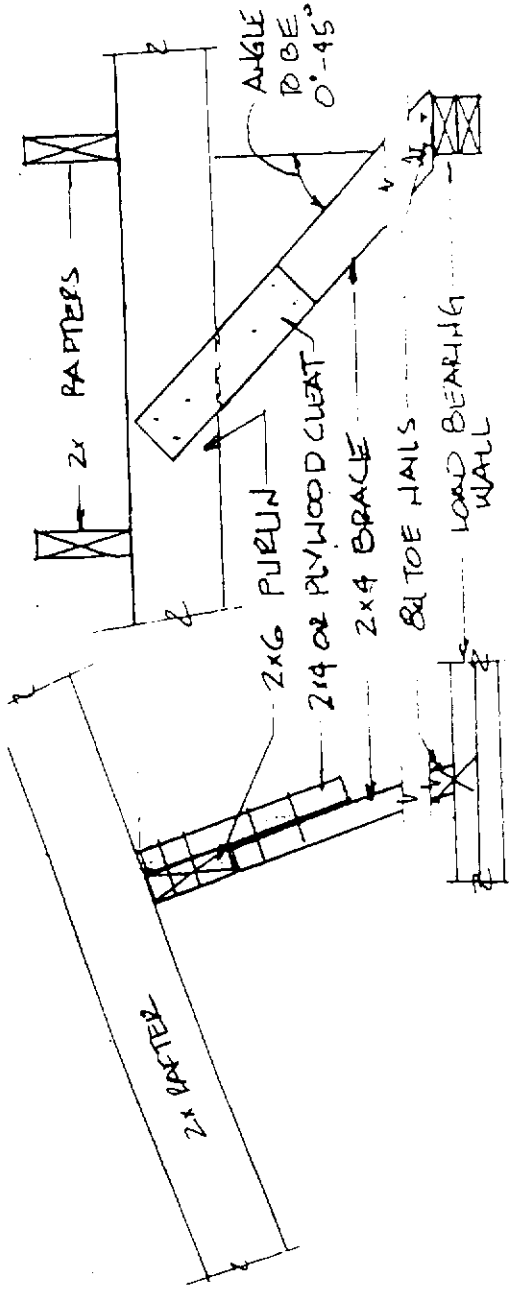
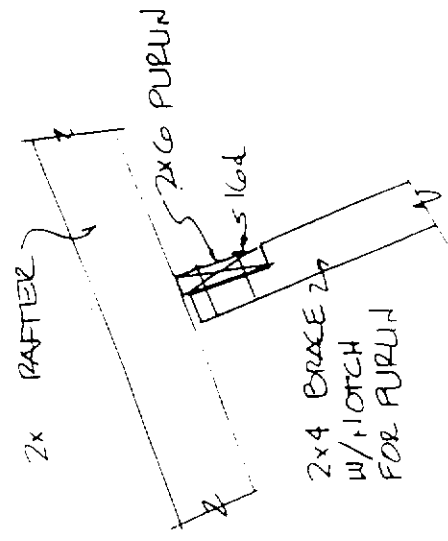
Sincerely,



Mark S. Schoen P.E.

MSS:mss

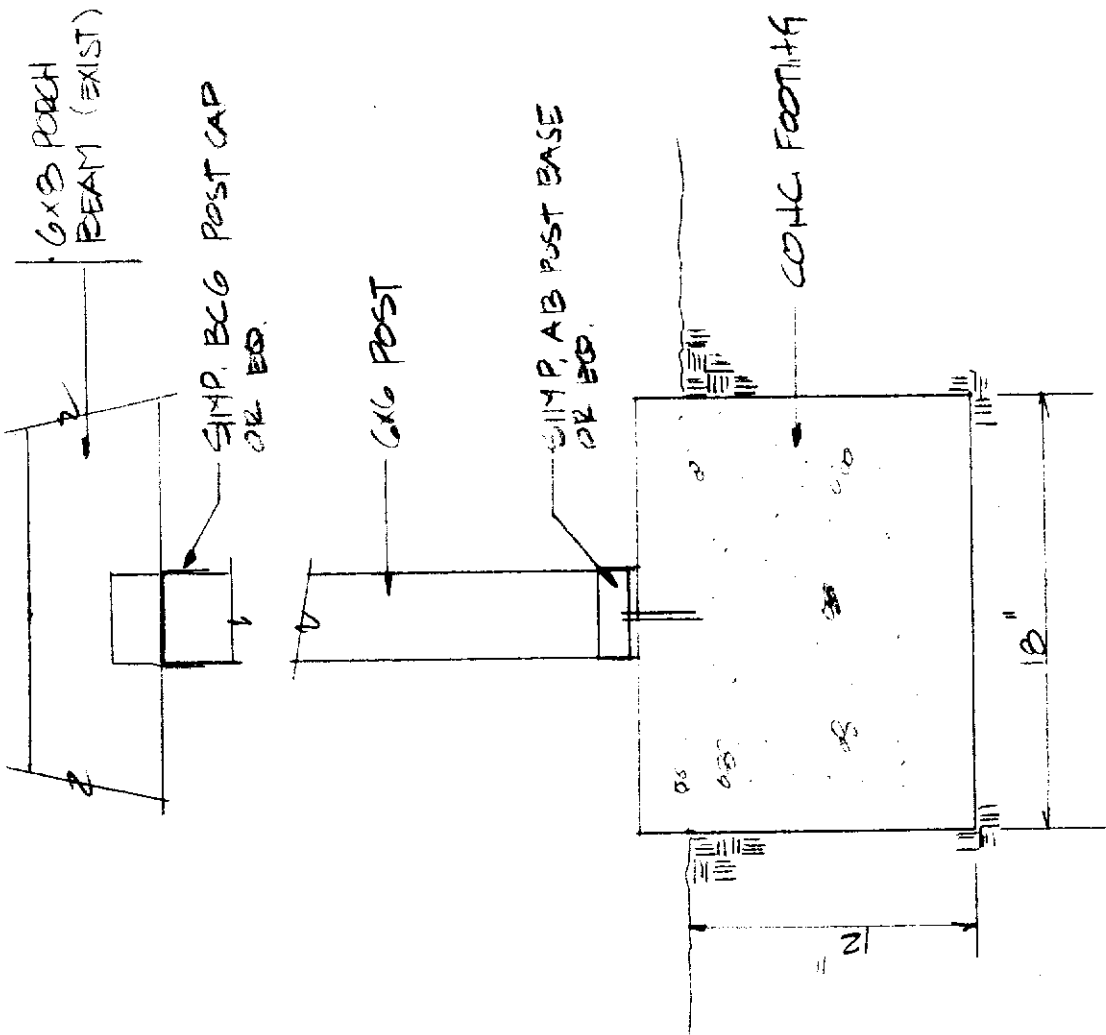
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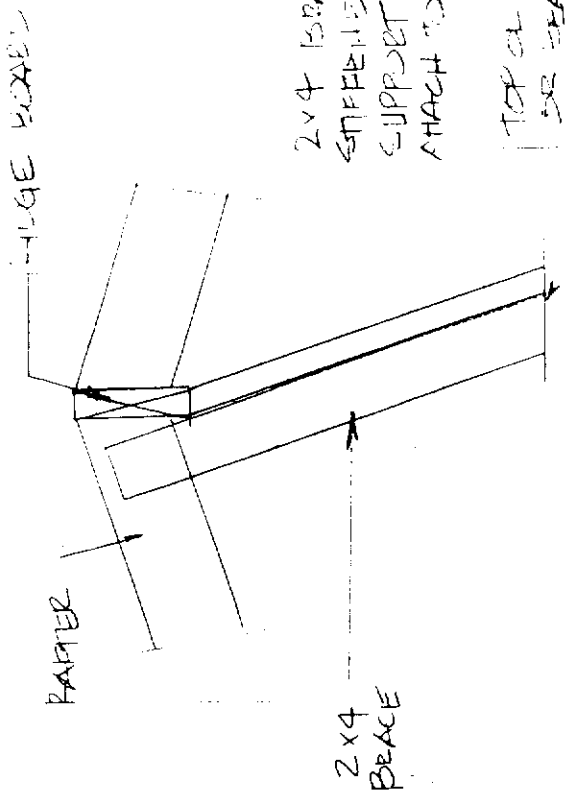
2x4 BRACE TO PURLIN CONNECTIONS

*Mark S. Shaw*  
 EX. 3/00

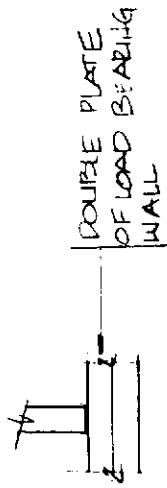
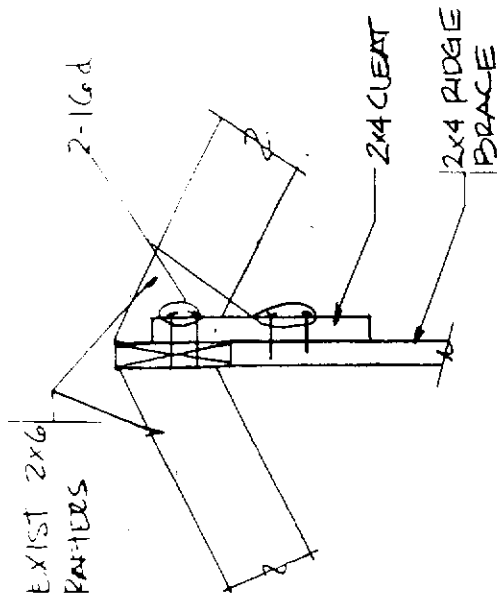
Mark S. Sho  
EXP 3/02



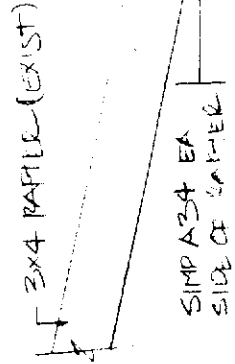
FOOTING & POST FOR PORCH BEAM



RIDGE BRACE

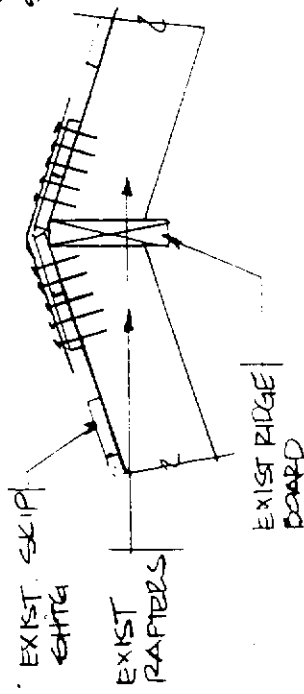


RIDGE BRACE



PORCH RAFTER TO BEAM

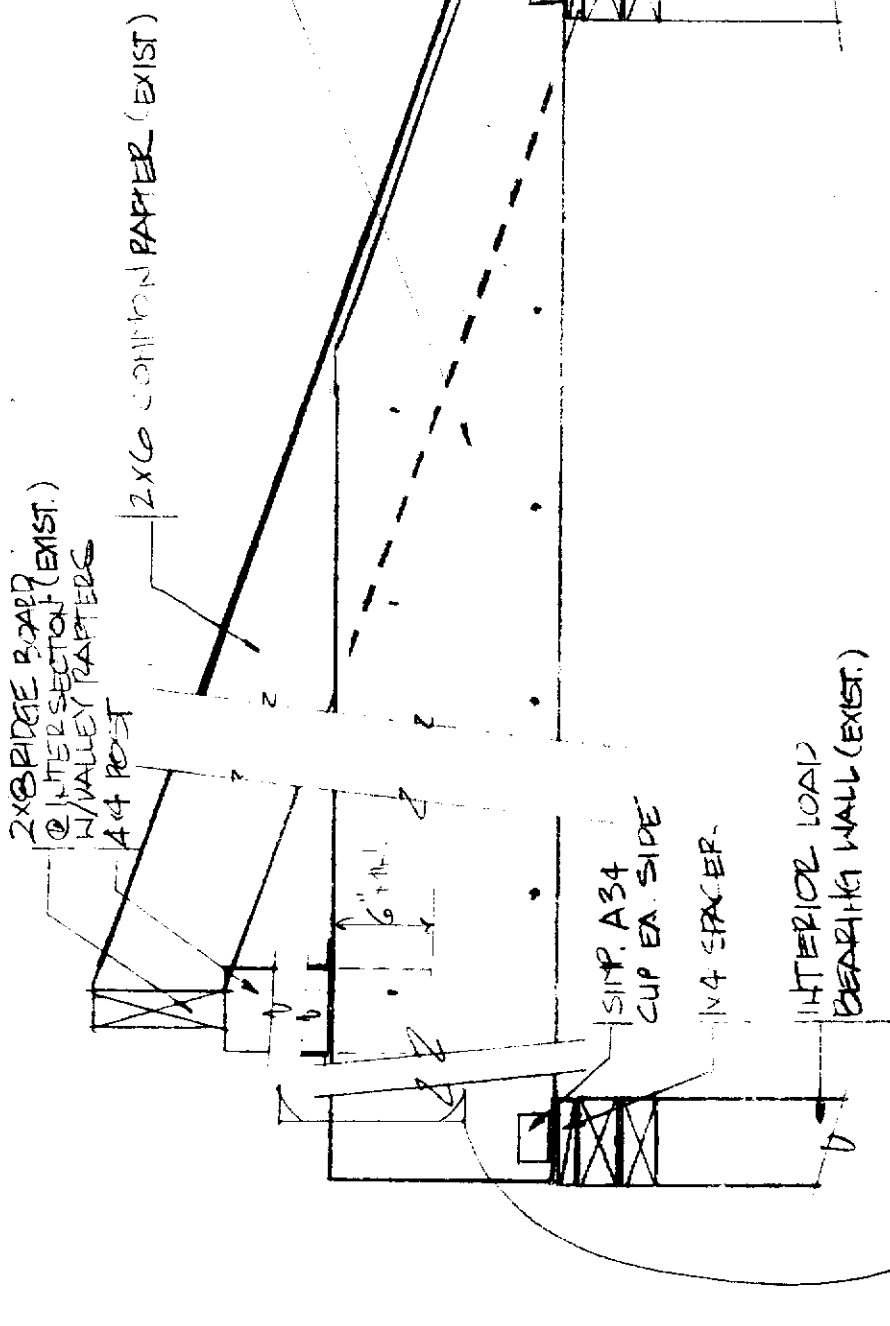
SIMPSON MSTA 18  
STRAP TIES W/  
5-10D COM. NAILS  
INTO EA. RAFTER



TIES @ RIDGE

*Mark P. [Signature]*  
EXP. 3/20

NOTE: TOP OF BEAM  
TO BE BRACED @ 4' O.C.  
W/ 2x4 BRACES OFF OF  
CEILING OR ROOF FRAMING



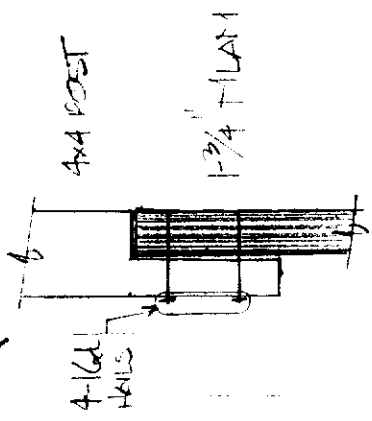
1 3/4" MICROLAM

SIMP. A34 CUP EA. SIDE

1x4 SPACER

EXTERIOR OR INTERIOR  
LOAD BEARING WALL (EXIST.)

SUPPORT AT JUNCTION  
OF LARGE VALLEY RAFTERS

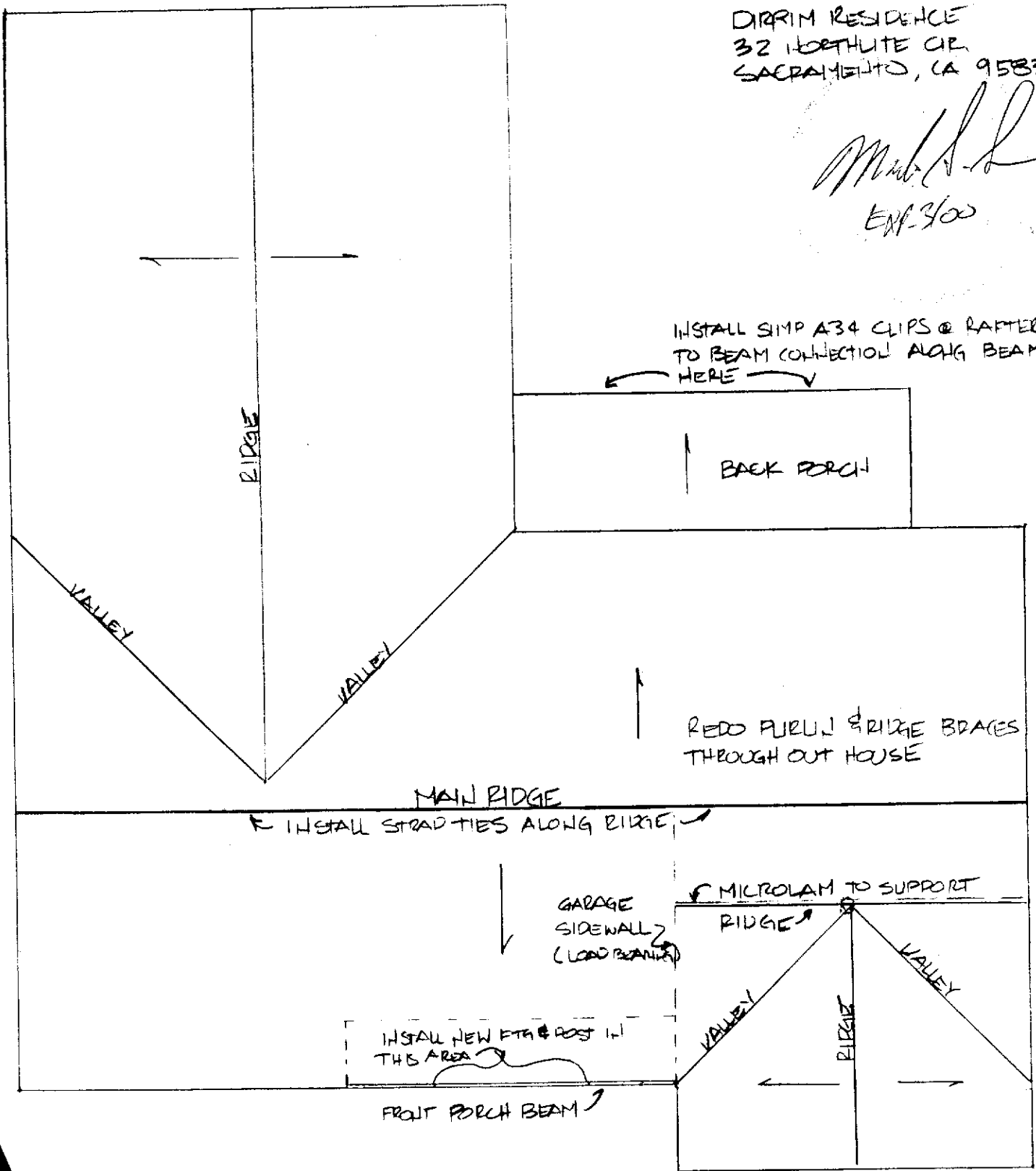


*Mark S. L.*  
EX. 3/00

NOTE: 2' OVERHANG ALL AROUND

ROOF FRAME REPAIR  
LOCATIONS FOR:  
DIRDIM RESIDENCE  
32 NORTHLITE CIR.  
SACRAMENTO, CA 95831

*M. J. S.*  
ENR-300



INSTALL SIMP A34 CLIPS @ RAFTER  
TO BEAM CONNECTION ALONG BEAM  
HERE

REDWOOD & RIDGE BRACES  
THROUGH OUT HOUSE

INSTALL STRADDLES ALONG RIDGE

GARAGE  
SIDEWALL  
(LOAD BEARING)

MICROLAM TO SUPPORT  
RIDGE

INSTALL NEW PTA & POST IN  
THIS AREA

← NORTHLITE CIRCLE →