

CITY OF SACRAMENTO

Permit No: 9807413

1231 I Street, Sacramento, CA 95814

Insp Area: 2

Site Address: 1213 EL ENCANTO WY SAC

Sub-Type: ASFR

Parcel No: 0290143004

Housing (Y/N): N

CONTRACTOR

MAK CHURK L
1225 T ST
SACRAMENTO CA 95814

OWNER

LEE HARVEY G/CHU K
1213 EL ENCANTO WY
SACRAMENTO CA 95831

ARCHITECT

Nature of Work: REROOF DRY ROT REPAIR REINFORCE 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'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 617719 Date 4/30/99 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 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 8/31/98 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:

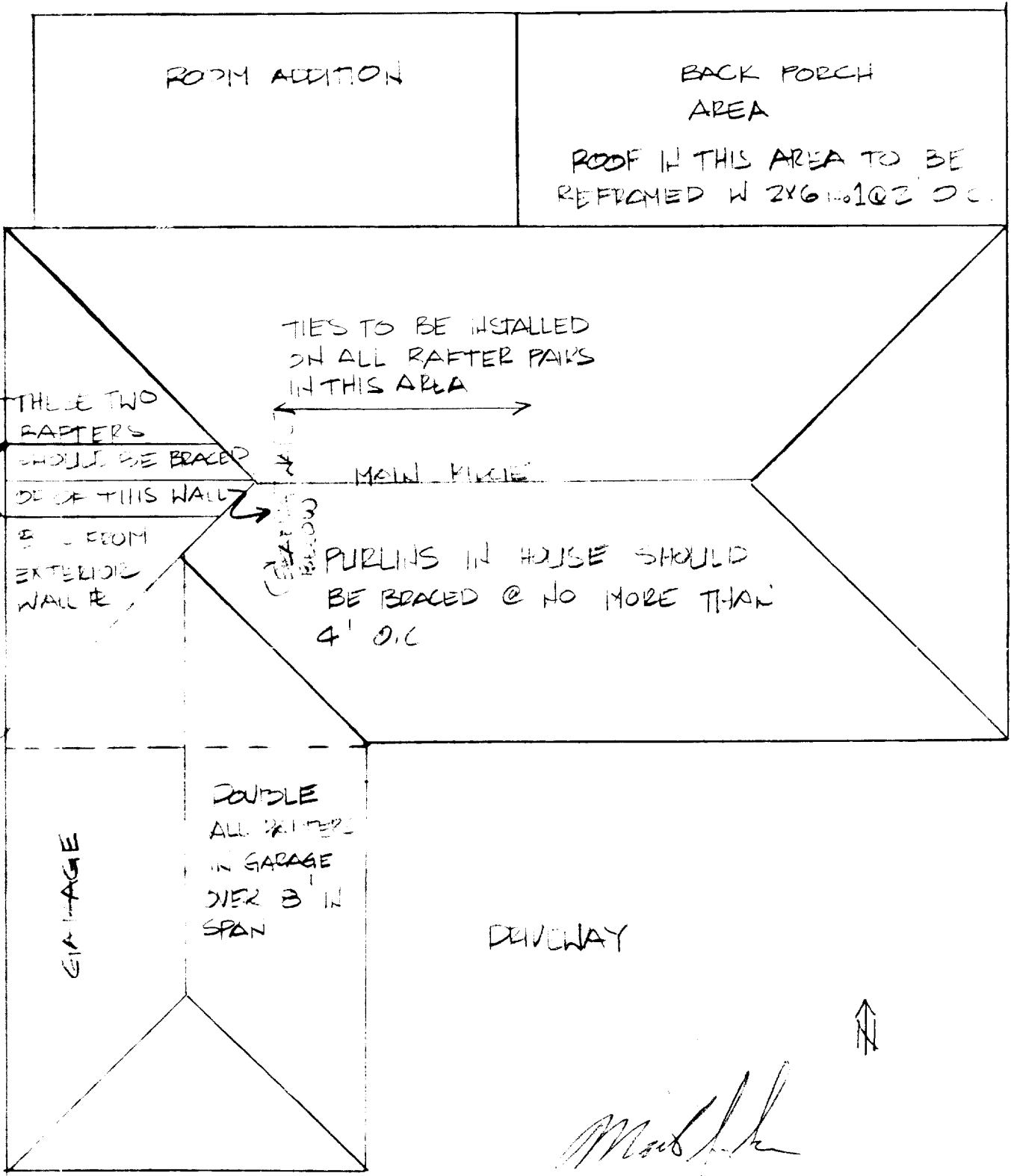
Carrier State Farm Policy Number 7-99 1271319-98

(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 8/31/98 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.



ROOM ADDITION

BACK PORCH AREA

ROOF IN THIS AREA TO BE REFRAMED W 2x6 @ 12" O.C.

TIES TO BE INSTALLED ON ALL RAFTER PAIRS IN THIS AREA

THESE TWO RAFTERS SHOULD BE BRACED TO SIDE OF THIS WALL 8' FROM EXTERIOR WALL #

MAIN FLOOR

PURLINS IN HOUSE SHOULD BE BRACED @ NO MORE THAN 4' O.C

GARAGE

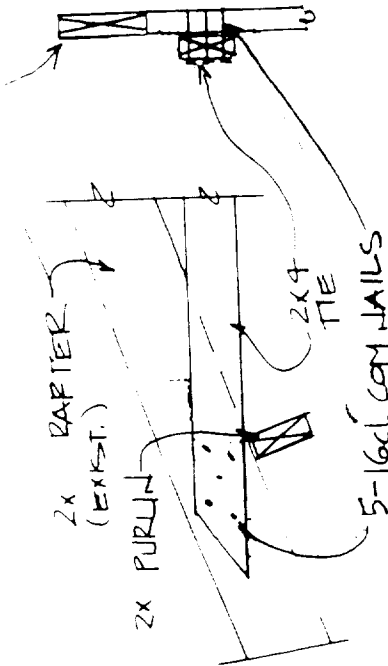
DOUBLE ALL RAFTERS IN GARAGE OVER 8' IN SPAN

DRIVEWAY

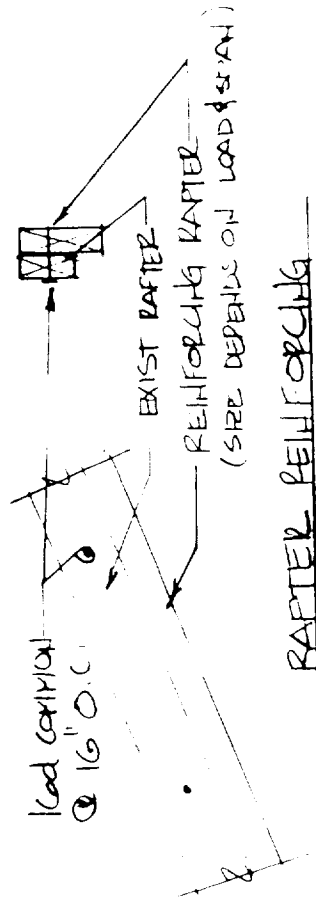


Mark [Signature]
EXR 3/02

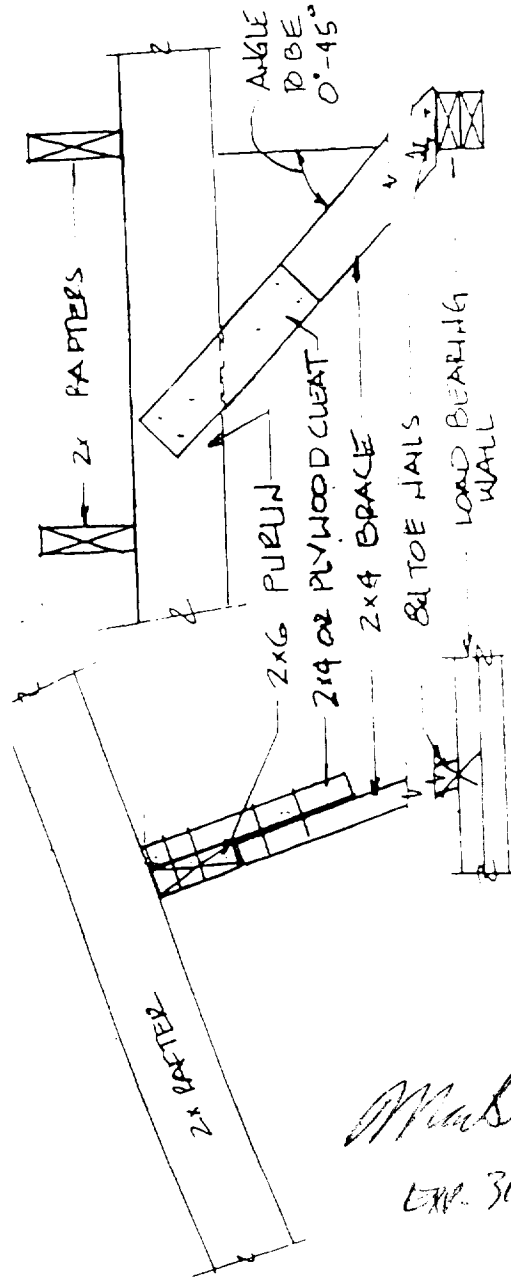
TYPICAL CONNECTIONS



ATTACHMENT OF 2x4 TIE



RAFTER REINFORCING



2x4 BRACE TO PURLIN CONNECTIONS

M. S. Cho
ENR. 3/00

SCHOEN ENGINEERING

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

March 31, 1998

Mark A. Schoen
EX. 3100

Chuck Mak
High Quality Construction
1225 T Street
Sacramento, CA 95814

SUBJECT: Reroof at 1213 El Encanto Way, Sacramento, CA 95831

Dear Chuck:

On March 31st, 1998 I observed the roof structure of the residence at the above address. The roof was made up of 2x4 Douglas fir No. 2 rafters @ 2' o.c.. with a max span of 7'-6" in the house and a max. span of 10' in the garage. The garage door header was a 4x12 spanning 15'-6". In the back of the house there was an addition and a porch area. According to the home owner the addition was framed with 2x6 rafters. While this could not be verified visually, it appeared consistent with the exterior dimensions. The framing in this area should be verified at tear off. The porch area was framed with 2x4 rafters. The span was 11'-10".

The following modifications will be necessary prior to reroofing:

- * In the garage some of the existing 2x4 rafters are overspan. Reinforce those rafters with over an 8' span by laminating an 2x4 Douglas fir No. 2 or better along side the exiting rafter continuous from plate to ridge and attach them with 16d common nails @ 16" o.c.(see detail sheet).
- * In the main house roof add additional 2x4 braces off of the load bearing walls to the 2x4 purlins where necessary to bring the brace spacing to no more than 4' o.c.. Purlin braces should provide direct bearing for the purlin and be no more than 45 degrees off of the vertical(see detail sheet).
- * Along the main ridge of the house over the section where the ceiling joists run crosswise to the rafters install ties on all opposing pairs of rafters at the elevation of the high purlin(existing 1x6 ties not sufficient). These ties should be continuous 2x4s attached to each rafter with 5-16d common nails(see detail sheet).
- * At the West end of the main ridge brace the first two hip jack rafters down from the king rafter off of the bearing wall(brace to be similar to purlin brace shown on detail sheet).

* In the back porch area the rafters are overspan and have shown considerable sagging. The existing 2x4 rafters should be completely removed and replaced with 2x6 Douglas fir No.1 rafters @ 2' o.c.. The attachment to the main roof should be the same as the addition in order to have the roof surfaces properly line up.

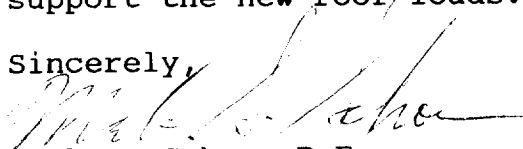
It is my finding that given the above mentioned modifications this roof structure is adequate for the proposed reroof system which is comprised of: 1/2" plywood or O.S.B. installed over the existing sheathing; 30 lb. tarred felt; 1x2 wood battens; Concrete tile weighing 7.4 lbs./sq.ft..

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 only 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 assume 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.

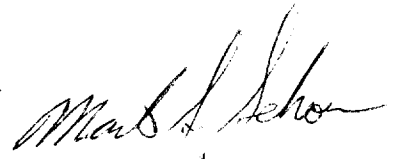
It is my finding that given the above mentioned limitations that this structure is adequate to support the new roof loads.

Sincerely,


Mark S. Schoen P.E.

MSS:mss
attachments

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E.P. 8/00

For the above specification you informed me that you had used 2x6 Douglas fir no. 2 rafters in stead of the No. 1 grade that I had specified. These are not adequate for the span and loading conditions. Your proposal to double up the rafters with a second 2x6 would be adequate. Nailing should be 16d common or gun nails @ 16" o.c..

Sincerely,



Mark S. Schön P.E.

MSS:mss
attachments

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