CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0113887
Insp Area: 4
Thos Bros: 277 D6

Site Address: 2775 GLEN ARVEN WY SAC
Parcel No: 225-0353-012

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

CONTRACTOR

OWNER
CHAVEZ ROQUE & TERESA M
2775 GLEN ARVEN WY
SACRAMENTO CA 95833

ARCHITECT

Nature of Work: TEAR OFF & REROOF WITH LIGHT WEIGHT TILE, MINOR DRY ROT REPAIR AT RAFTER TAILS, PLYWOOD AT EAVES

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_____ 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);

→ DC 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 10/25/01 Owner Signature [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.

X Date 10/25/01 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, forthe 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

→ DC (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 10/25/01 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.

2775 GLEN ARVEN WY

2221 Claremont Rd.
Carmichael, CA. 95608
Tel. (916) 488-7654
Fax (916) 483-0171

Structural Systems

August 16, 2001

RE: Roof Inspection for Lt. Wgt. Conc. Tiles

Mrs Teresa Chevez
2775 Glenarven Way
N. Sacramento, CA 95833

Dear Mrs. Chevez:

At your request I inspected your roof structural trusses on Tuesday, October 23, 2001 to determine whether they are strong enough to carry the additional dead load of light weight concrete tile roofing in lieu of the original composite shingles, that you are proposing to replace.

I observed that your present roof framing consists of clear span premanufactured wood trusses spaced at 24" o.c. All of the wood members comprising the trusses are 2x4's joined with factory installed gangnailers at their joints. The top chord members are continuous 2x4's over the diagonal struts located approximately at mid length of the top chord. My inspection did not observe any rotted or damaged trusses on the interior. However, there was some indication that water may have penetrated the failing roofing, and care must be incorporated to look for any rotted areas that were not visible during my inspection. At the exterior eaves of the house, I observed areas where the plywood and rafter tails had rotted. Obviously the plywood must be replaced in those areas and new rafter tails scabbed on to replace the old rotted ones. Scabbed 2x4's must extend a minimum of 3 feet into the attic space and nailed to the existing top chord with 16 d's at 6" o.c.

I performed calculations which prove that the trusses capacity is adequate to carry the load of the light weight concrete tile roofing, if the original composite shingles are removed prior to installing the new light weight concrete tiles.

Therefore, I hereby, certify as a professional engineer, that the existing trusses are adequate to carry the design loads required by UBC specifications.

If you have any other questions, please contact me at the above.

Sincerely,

Gates M. Poore
Structural Systems Consultants

REGISTERED PROFESSIONAL ENGINEER
GATES M. POORE
No. C 041511
Exp. 12-31-03
10/25/01
CIVIL
STATE OF CALIFORNIA

Engineered designs yield the best structures

ISSUED

OCT 25 2001

Sacramento Building Division

Structural Systems
Engineering Consultants
2221 Claremont Road
Carmichael, Ca. 95608
Off. (916) 488-7654
FAX (916) 483-0171

TERESA CHEVEZ RES.
2775 GLENARVEN WAY
N. SACRAMENTO, CA.

SHT #1 OF 2
10/25/01 GWP

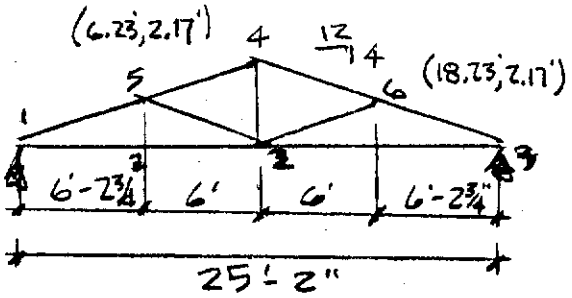
REGISTERED PROFESSIONAL ENGINEER
GATES M. POORE
No. C 041511
Exp. 12-31-03
CIVIL
STATE OF CALIFORNIA

CHECK TRUSSES FOR CAP TO CARRY LT. WGT CONC. TILE ROOFING

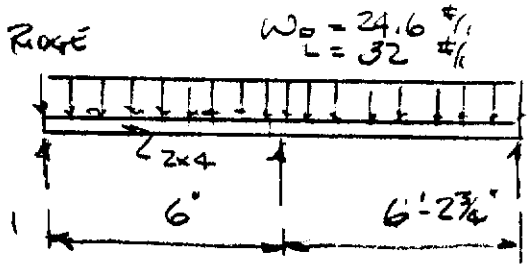
ROOFING — - 10.0 psf.
1/2" PLYWD SHTHG. - 1.6 "
2x4's @ 24" O.C. - 0.7 "
12.3 psf. x 2 = 24.6 plf.

LL. - PITCH = 5'2/(25'6/2) ≈ 4/12 pitch ∴ LL = 16 psf. x 2 = 32 plf.

- ASSUME CONT. TOP CHORD W/ M.I.D. SUPPORT.



MAXIMUM SPAN CONDITION



(SEE COMPUTER P.O.)

STRUCTURAL SYSTEMS
2221 Claremont Road
Carmichael, CA 95608
Tel. (916) 488-7654
Fax (916) 483-0171

Title : Chevez Residence **Job #**
Dsgnr: GMP **Date:** 1:52PM, 25 OCT 01
Description : 2775 Glenarven Way
N. Sacramento, CA
Scope : Check Roof Trusses for capacity to carry Lt. Wgt. Concrete tile roofing (10 psf)

Rev: 510300
User: KW-0601009, Ver 5.1.3, 22-Jun-1999, Win32
(c) 1983-99 ENERCALC

Multi-Span Timber Beam

Description Check Truss top chord for Light Conc. tile roofing.

General Information

Douglas Fir - Larch, No.2
Spans Considered Continuous Over Support

Fb : Basic Allow 875.0 psi
Fv : Basic Allow 95.0 psi

Elastic Modulus 1,600.0 ksi
Load Duration Factor 1.250

Calculations are designed to 1997 NDS and 1997 UBC Requirements

Note: Repetitive Member Stress Increase of 1.15 being used for all members under 4" wide

Timber Member Information

Description		Truss chord	Truss chord
Span	ft	6.00	6.23
Timber Section		**2x4**	**2x4**
Beam Width	in	1.500	1.500
Beam Depth	in	3.500	3.500
End Fixity		Pin - Pin	Pin - Pin
Le: Unbraced Length	ft	0.00	0.00
Member Type		Sawn	Sawn

Loads

Live Load Used This Span ?		**Yes**	**Yes**
Dead Load	#/ft	24.60	24.60
Live Load	#/ft	32.00	32.00

Results

Mmax @ Cntr	in-k	1.7	1.9
@ X =	ft	2.24	3.86
Max @ Left End	in-k	0.0	-3.2
Max @ Right End	in-k	-3.2	0.0
fb : Actual	psi	1,037.7	1,037.7
Fb : Allowable	psi	1,886.7	1,886.7
		Bending OK	Bending OK
Shear @ Left	k	0.13	0.22
Shear @ Right	k	0.21	0.13
fv : Actual	psi	56.0	57.8
Fv : Allowable	psi	118.8	118.8
		Shear OK	Shear OK

Reactions & Deflection

DL @ Left	k	0.05	0.19
LL @ Left	k	0.07	0.24
Total @ Left	k	**0.13**	**0.43**
DL @ Right	k	0.19	0.06
LL @ Right	k	0.24	0.08
Total @ Right	k	**0.43**	**0.13**
Max. Deflection	in	-0.076	-0.097
@ X =	ft	2.48	3.57

Query Values

Location	ft	0.00	0.00
Moment	in-k	0.0	-3.2
Shear	lbs	0.1	0.2
Deflection	in	0.0000	0.0000