

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0112262

Insp Area: 2

Thos Bros: 316H7

Site Address: 2 COVE CT SAC

Parcel No: 030-0130-002 + 6712 Gloria Dr

Sub-Type: RES

Housing (Y/N): N

CONTRACTOR

OWNER

SACA ROSA MARIA C
-1347 FLORIN RD
SACRAMENTO CA 95831

ARCHITECT

Nature of Work: REMOVE EX. ROOFING, INSTALL NEW WOOD SHAKE ROOFING, 40 SQ

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:

Date 9-24-2001 Owner Signature Rosa Maria Saca

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.

Date 9-24-2001 Applicant/Agent Signature Rosa Maria Saca

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 SEP 24 2001 Exp Date

(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 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 comply with those provisions.

Date 9-24-2001 Applicant Signature Rosa Maria Saca

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.

OWNER-BUILDER VERIFICATION

ATTENTION PROPERTY OWNERS

An owner-builder building permit has been applied for in your name and bearing your signature.

Please complete and return this information in the envelope provided at your earliest opportunity to avoid unnecessary delay in processing and issuing your building permit. No building permit will be issued until this verification is received.

1. I personally plan to provide the major labor and materials for construction of the proposed Improvement (yes ~~or no~~) YES
2. I (have ~~have not~~) HAVE signed an application for A building permit for the proposed work.

3. I have contracted with the following person (firm) to provide the proposed construction:

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ Telephone \_\_\_\_\_  
Contractors License No. \_\_\_\_\_

4. I plan to provide portions of the work, but I have hired the following person to coordinate, Supervise, and provide the major work.

Name \_\_\_\_\_ Address \_\_\_\_\_  
City \_\_\_\_\_ Telephone \_\_\_\_\_  
Contractors License No. \_\_\_\_\_

5. I will provide some of the work but I have contracted (hired) the following to provide the Work indicated:

Name	Address	Phone	Type of work

Signed X Rosamaria Lucas

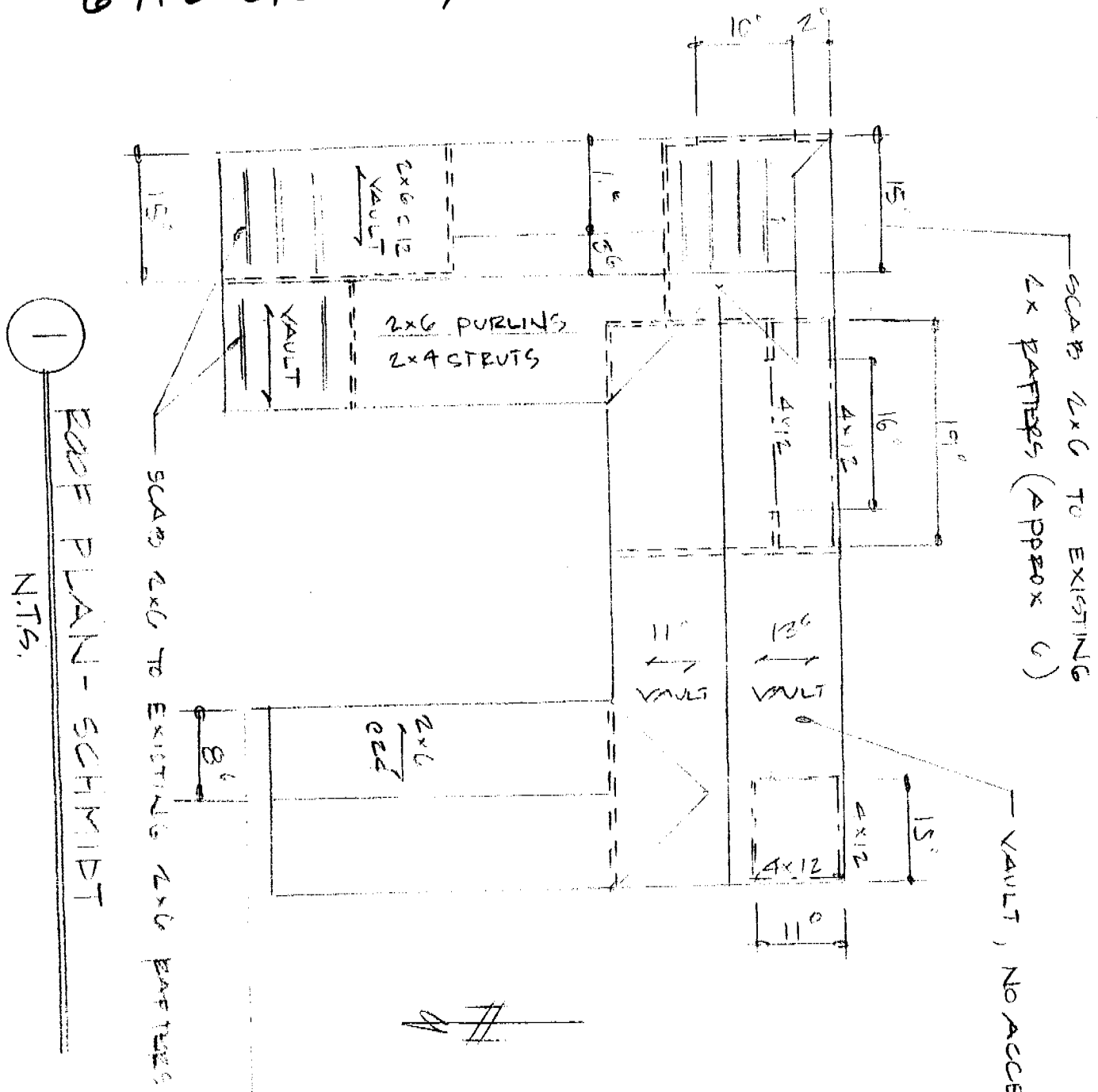
Job Address 2 COVE CT

Permit No: 0112262

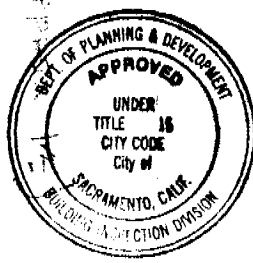
REVISION TO ACTIVE PERMIT 0112262

CHANGE WD SHAKE TO LT. WT. TILE

6712 GLORIA / 2 COVE CT.



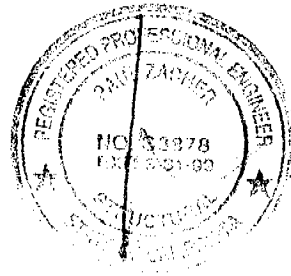
1  
ROOF PLAN - SCHMIDT  
N.T.S.



This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or alterations from the same without written permission from the Building Inspection Division.

The approval of this plan and specification SHALL NOT be held to permit or excuse a violation of any City Ordinance or State Law.

*Julia* 10/5/01



ISSUED

OCT 05 2001

Sacramento Building Division

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Cove Court

**Paul Zacher-Structural Engineers**

4701 Lakeside Way  
Fair Oaks, CA 95628

TEL: 916.961.3960  
FAX: 916.961.3960  
e-mail: pzacher@softcom.net

September 10, 1998

Mr. Paul Schmidt  
#7 Jib Court  
Sacramento, CA 95831  
TEL: 916.399.1865

5688124

Attn.: Mr. Paul Schmidt,

re: Job 98186: SCHMIDT

Subject: Structural Investigation Report of the Roof for the Residence located at #2 Cove Court and 6712 Gloria Drive, Sacramento, CA 95831.

As requested by Paul Schmidt, this is a report to determine what needs should be addressed to correct any structural deficiencies of the roof. Paul Zacher visited the site September 10, 1998. The investigation was made to determine the existing condition of the structure. All information, data and analysis contained within this report is based on the 1994 Uniform Building Code.

The following is based on visual observations with no subsurface investigation being made.

DESCRIPTION:

Type of Facility:	Residence.
Year Built:	Estimated 1970's vintage.
Occupancy:	Residential.
No. of Stories:	One.
Dimensions:	Approximately 2500 square feet with a first story plate height of 8 feet.

CONSTRUCTION:

Roof:  
The roof covering will consist of a Light Weight Concrete Tile over 1/2" solid sheathing. The living area is conventionally framed with 2x6 rafters spaced at 24" on center with 2x6 purlins supported at no more than 6'-0" on center by 2x4 struts bearing on walls below except over the vaulted ceiling areas. Some of the vaulted ceiling areas are constructed of 2x6 rafters spaced at 12" on center. Other vaulted ceiling areas were un-accessible. The garage area is framed with 2x6 rafters spaced at 24" on center and 2x6 cross ties spaced at 4'-0" on center.

CONCLUSIONS:

Roof:  
The living and garage areas lack sufficient structural capacity for the applied live and dead loads.

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**RECOMMENDATIONS:**

If any of the following recommendations do not correspond to actual field conditions, the engineer of record shall be notified for further investigation and evaluation before continuing work.

**Living Area:**

1. After the roofing material has been removed, the contractor shall verify that the framing in the non-accessible portion of the structure does not exceed the following:

**Vaulted Ceiling Portion:**

- a. 2x6 @ 12" oc - max span = 13'-6"

If the framing differs from the above, the contractor shall supply the engineer with diagrams showing the member sizes and span lengths. The engineer shall then determine if the structure can adequately support the applied dead and live loads and a supplemental report shall be issued. See detail 1.

**Garage:**

2. Scab a 2x6 rafter to the existing 2x6 rafters with 16d's @ 12" on center where the span is greater than 12'-0". See detail 1.

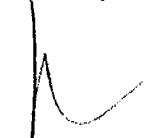
It shall be noted that small hairline cracking may occur at exterior stucco and interior gypboard finished walls which are load bearing or distributing roof strut loads. These cracks are a natural occurrence as the existing structure re-distributes the new roof weight. They are cosmetic in nature and are not an indication of a structural hazard or failure.

It shall be noted that some deflection of the rafters may be evident after installation of the tile. The existing roof framing has deflected but this may not be readily evident due to the uneven nature of the existing roofing material. Concrete tile is a very consistent and uniform product and when installed in an even plane, even small deflections can become apparent. This is only a cosmetic issue and not a structural concern.

The inspection consisted of visual observation only, made solely to determine the structural capacity of the existing roof. Analysis does not determine any effects on the overall structure under lateral forces or effects on the foundation unless specifically noted in the calculations and in this document. No warranties, expressed or implied, are made or intended in conjunction with this report. The inspection was made only to the portions that were accessible. The specific items noted were those that were observable and there may be defects which are not observable, or are hidden by architectural and structural materials.

If you have any questions on the above, do not hesitate to call.

Sincerely,



Paul Zacher, P.E., S.E.  
file



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**DESIGN LOADING:**

Roof Pitch 4 in 12  
Pitch Adjustment Factor 1.05

**LOCATION: ROOF**

<u>MATERIAL</u>	<u>WEIGHT</u>	
Light Weight Concrete Tile	7.40	psf
Roofing felt	0.30	psf
1x4 skip sht'g	1.09	psf
1/2" OSB/ plywood	1.50	psf
2x6 rafters @ 24" oc	<u>1.00</u>	psf
	Load	11.3 psf
Roof Pitch Adjustment	<u>0.61</u>	psf
Total Load	11.9	psf

**LOCATION: VAULT**

<u>MATERIAL</u>	<u>WEIGHT</u>	
Light Weight Concrete Tile	7.40	psf
Roofing felt	0.30	psf
1/2" OSB/ plywood	1.50	psf
1x4 skip sht'g	1.09	psf
2x6 rafters @ 24" oc	1.00	psf
Batt/blown insul	0.50	psf
1/2" Gypboard	<u>2.50</u>	psf
	Load	14.3 psf
Roof Pitch Adjustment	<u>0.77</u>	psf
Total Load	15.1	psf

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Title :  
 Dsgnr:  
 Description :  
 Date:  
 Job #  
 Scope :

Rev: 510001

**Timber Beam & Joist**

Page 1

**Description RAFTERS AND BEAMS**

**Timber Member Information**

		2x6	2x6 vault	2-2x6
Timber Section		2x6	2x6	2-2x6
Beam Width	in	1.500	1.500	3.000
Beam Depth	in	5.500	5.500	5.500
Le: Unbraced Length	ft	2.00	2.00	2.00
Timber Grade		Douglas Fir - Larch	Douglas Fir - Larch	Douglas Fir - Larch
Fb - Basic Allow	psi	875.0	875.0	875.0
Fv - Basic Allow	psi	95.0	95.0	95.0
Elastic Modulus	ksi	1,600.0	1,600.0	1,600.0
Load Duration Factor		1.250	1.250	1.250
Member Type		Sawn	Sawn	Sawn
Repetitive Status		Repetitive	Repetitive	Repetitive

**Center Span Data**

		2x6	2x6 vault	2-2x6
Span	ft	12.00	13.50	17.25
Dead Load	#/ft	23.80	11.90	11.90
Live Load	#/ft	32.00	16.00	16.00

**Results Ratio =**

		2x6	2x6 vault	2-2x6
Mmax @ Center	in-k	12.05	7.63	12.45
@ X =	ft	6.00	6.75	8.62
f <sub>b</sub> : Actual	psi	1,593.8	1,008.6	823.3
F <sub>b</sub> : Allowable	psi	1,607.3	1,607.3	1,629.5
		Bending OK	Bending OK	Bending OK
f <sub>v</sub> : Actual	psi	56.5	32.0	20.8
F <sub>v</sub> : Allowable	psi	118.8	118.8	118.8
		Shear OK	Shear OK	Shear OK

**Reactions**

		2x6	2x6 vault	2-2x6
@ Left End DL	lbs	142.80	80.32	102.64
LL	lbs	192.00	108.00	138.00
Max. DL+LL	lbs	334.80	188.32	240.64
@ Right End DL	lbs	142.80	80.32	102.64
LL	lbs	192.00	108.00	138.00
Max. DL+LL	lbs	334.80	188.32	240.64

**Deflections**

		2x6	2x6 vault	2-2x6
Center DL Defl	in	-0.334	-0.267	-0.356
L/Defl Ratio		431.5	606.1	581.1
Center LL Defl	in	-0.449	-0.359	-0.479
L/Defl Ratio		320.9	450.8	432.2
Center Total Defl	in	-0.782	-0.627	-0.835
Location	ft	6.000	6.750	8.625
L/Defl Ratio		184.1	258.5	247.8

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OCT 05 2003

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