

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).

Lenders Name _____

Lenders 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 Lic. Number 557559

Date 9/16/97 Contractor Rafael Marin
(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 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 Professions 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 or 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 or 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 & P C 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 hereby authorize representative of this city to enter upon the abovementioned property for inspection purposes.

Date 9/16/97 Signature of Applicant or Agent Rafael Marin

BUILDING SITE ADDRESS

6461 Surfside Wy

SUITE

INSP. AREA

ASSESSOR PARCEL NO.

030 - 0262 - 007

COMMUNITY PLAN NO.

VH 2R
RC

NAME OF APPLICANT

LICENSED CONTRACTOR

PROPERTY OWNER

ARCH. ENGR.

ADDRESS

ZIP CODE

PHONE NO.

Zimmerman Roofing

3560 Ramona Ave

95826

Nick La Placa

6461 Surfside Wy

95831

LICENSE NO.

NO. OF STORIES

NO. OF ROOMS

ROOF COVERING

AREA 1ST FLOOR

TOTAL AREA

GARAGE AREA

PATIO AREA

USE ZONE

STREET WIDTH

1

35

R1

THIS PERMIT IS FOR:

BUILDING MECHANICAL PLUMBING ELECTRICAL SITE FIRE

OCCUP. GROUP

NATURE OF WORK IN DETAIL

Remove old shake roof + reroof w/ Lifetime trulite tile

4 1/2 pitch single family residence

FLOOD STATUS

(COST X)

SPECIAL CONDITIONS ATTACHMENTS:

CITY OF SACRAMENTO BUILDING INSPECTION DIVISION

PERMIT SERVICES 264-7619

VALUATION \$

1999.00

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

Cal Comp

Policy Number

W96 A111232

(This section need not be completed if the permit is for one hundred dollars (\$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

9/16/97

Applicant

Rafael Marin

(Signature)

WARNING: FAILURE TO SECURE WORKERS' 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 FEES.

ISSUED BY:

DATE ISSUED

BUILDING PERMIT FEE \$

89.00

PLAN CHECK/PROC. FEE \$

19.00

S.M.I. FEE \$

50

CONST. EXCISE TAX \$

CITY BUS LICENSE \$

80

TECH. FEE \$

4.32

WATER DEV. FEE \$

CITY SEWER DEV. FEE \$

REG. SEWER FEE \$

RESIDENTIAL CONST. TAX \$

TOTAL FEES \$

113.62

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK AUTHORIZED IS NOT COMMENCED WITHIN 180 DAYS.

R3

CONSTR. TYPE

UN

FIRE SP.

FED CODE

1A

PERMIT NO.

97

17

3

9

8

0

R

Paul Zacher-Structural Engineer
4701 Lakeside Way
Fair Oaks, CA 95628
TEL: 916.961.3938
FAX: 916.961.3938

October 2, 1997

Zimmerman Roofing
3560 Ramona Avenue
Sacramento, CA 95826
TEL: 916.454.3667
FAX: 916.455.3784
TEL (Jeff) : 916.427.1971
FAX (Framer) : 916.383.5308

Attn.: Mr. Jeff Tucker,

re: Job 97154

Subject: Structural Investigation Report of the Roof for the Residence located at 6461
Surfside Way, Sacramento, CA.

As requested by Mr. Jeff Tucker, this is a report to determine what needs should be addressed to correct any structural deficiencies of the roof. Paul Zacher visited the site October 2, 1997. The investigation was made to determine the existing condition of the structure.

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 1600 square feet with a first story plate height of 8 feet.

CONSTRUCTION:

Roof:
The roof covering will consist of Life Tile Trulite Tile over 1/2" solid sheathing. The living area is conventionally framed with 2x6 rafters spaced at 24" on center with 2x6

OWNER: LaPlaca

For ZIMMERMAN
Roofing

ok
47
10-16-97

LaPlaca at
6461 Surfside

purlins supported at no more than 6'-0" on center by 2x4 struts bearing on walls below. The vaulted ceiling in the family room is constructed of 2x6 ceiling joists spaced at 24" on center. 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 area lacks sufficient structural capacity for the applied live and dead loads. The garage area have sufficient structural capacity for the applied live and dead loads.

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. Add 2x6 collar ties at 4'-0" on center with 4 - 16d's at each rafter/ collar tie connection. See detail 1.

The inspection consisted of visual observation only, made solely to determine the structural capacity of the existing roof. 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



BEAM DESIGN FOR UNIFORM LOAD: RAFTER

(Values for DF Larch #2)

Width, b	1.5 inches
Depth, d	5.5 inches
Length of beam	12.25 feet
Dead load roof	10.6 psf
Live load roof	16 psf
Contributory width of roof load	2 feet
Dead load floor	0 psf
Live load floor	0 psf
Contributory width of floor load	0 feet
Dead load wall	0 plf
Live load defl ratio	240
Total load defl ratio	180
Total dead load	21.2 plf
Total live load	32 plf

Base design values:

Shear, Fv	95 psi
Bending, Fb	875 psi
Comp. perp. to grain, Fc	625 psi
Mod of Elasticity, E	1600000 psi
Load duration factor, Cd	1.25
Size Factor, Cf	1.30
Repetitive factor, Cr	1.15

Dead load reaction	130 lbs
Live load reaction	196 lbs
Total load reaction	326 lbs

Allowable shear, Fv'	119 psi
Actual shear, fv	55 psi
Allowable bending, Fb'	1635 psi
Actual bending, fb	1583 psi
Allowable live load defl	0.61 inches
Actual live load defl	0.49 inches
Allowable total load defl	0.82 inches
Actual total load defl	0.81 inches

Horizontal Shear OK

Bending OK

Live Load Deflection OK

Total Load Deflection OK

Bearing length req'd 0.35 inches

BEAM DESIGN FOR UNIFORM LOAD: BACK PATIO

(Values for DF Larch #1)

Width, b	3.5 inches
Depth, d	9.25 inches
Length of beam	15.5 feet
Dead load roof	15 psf
Live load roof	16 psf
Contributory width of roof load	6.75 feet
Dead load floor	0 psf
Live load floor	0 psf
Contributory width of floor load	0 feet
Dead load wall	0 plf
Live load defl ratio	360
Total load defl-ratio	240
Total dead load	101.25 plf
Total live load	108 plf

Base design values:

Shear, Fv	95 psi
Bending, Fb	1000 psi
Comp. perp. to grain, Fc	625 psi
Mod of Elasticity, E	1700000 psi
Load duration factor, Cd	1.25
Size Factor, Cf	1.20

Dead load reaction	785 lbs
Live load reaction	837 lbs
Total load reaction	1622 lbs

Allowable shear, Fv'	119 psi	Horizontal Shear OK
Actual shear, fv	68 psi	
Allowable bending, Fb'	1500 psi	1% over, Bending OK
Actual bending, fb	1511 psi	
Allowable live load defl	0.52 inches	Live Load Deflection OK
Actual live load defl	0.36 inches	
Allowable total load defl	0.78 inches	Total Load Deflection OK
Actual total load defl	0.69 inches	
Bearing length req'd	0.74 inches	

BEAM DESIGN FOR UNIFORM LOAD: FRONT PORCH

(Values for DF Larch #1)

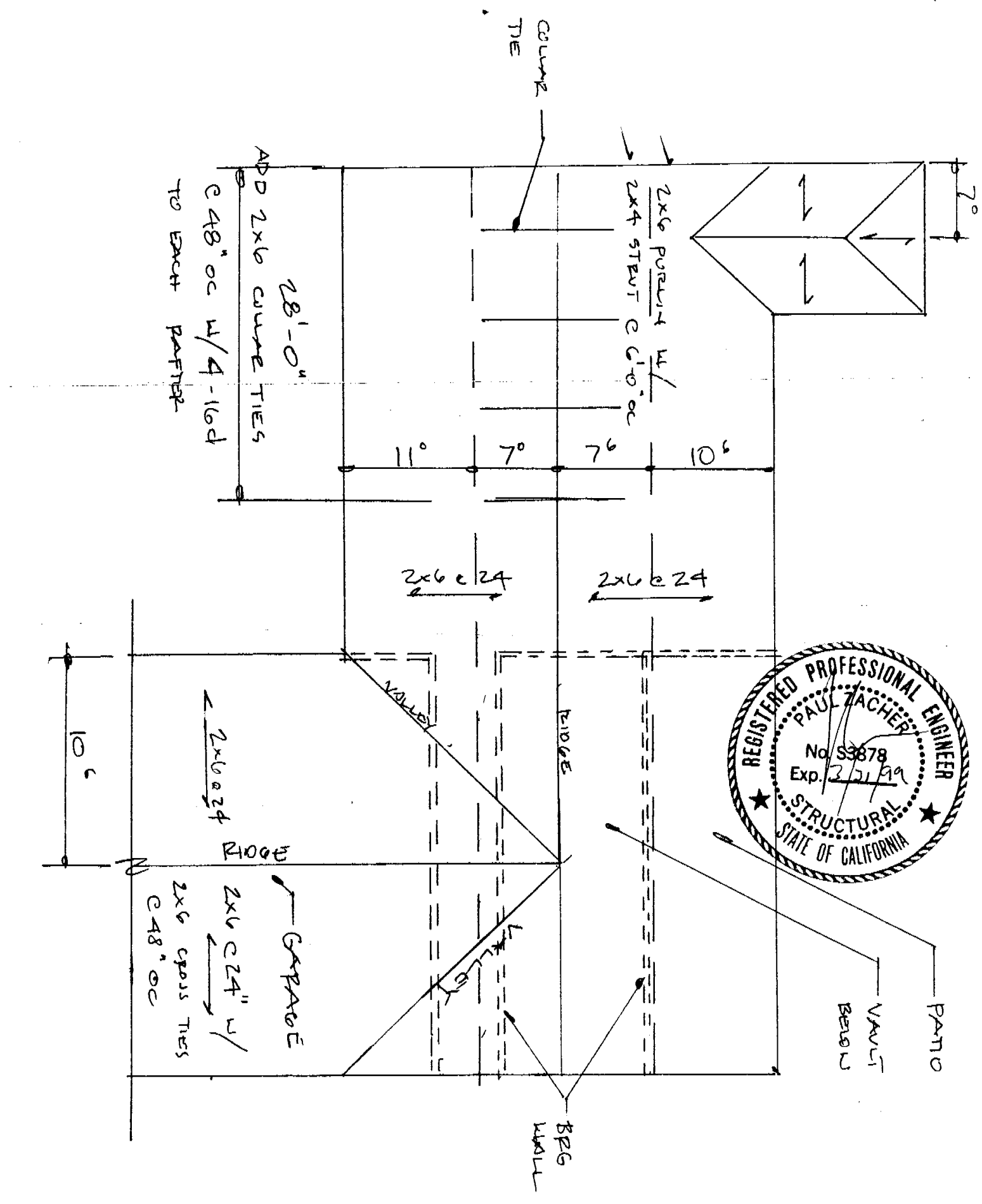
Width, b	3.5 inches
Depth, d	9.25 inches
Length of beam	15.5 feet
Dead load roof	15 psf
Live load roof	16 psf
Contributory width of roof load	6 feet
Dead load floor	0 psf
Live load floor	0 psf
Contributory width of floor load	0 feet
Dead load wall	0 plf
Live load defl ratio	360
Total load defl ratio	240
Total dead load	90 plf
Total live load	96 plf

Base design values:

Shear, Fv	95 psi
Bending, Fb	1000 psi
Comp. perp. to grain, Fc	625 psi
Mod of Elasticity, E	1700000 psi
Load duration factor, Cd	1.25
Size Factor, Cf	1.20

Dead load reaction	698 lbs
Live load reaction	744 lbs
Total load reaction	1442 lbs

Allowable shear, Fv'	119 psi	Horizontal Shear	OK
Actual shear, fv	60 psi		
Allowable bending, Fb'	1500 psi	Bending	OK
Actual bending, fb	1343 psi		
Allowable live load defl	0.52 inches	Live Load Deflection	OK
Actual live load defl	0.32 inches		
Allowable total load defl	0.78 inches	Total Load Deflection	OK
Actual total load defl	0.62 inches		
Bearing length req'd	0.66 inches		





P.O. BOX 420807, SAN FRANCISCO, CA 94142-0807

CERTIFICATE OF WORKERS' COMPENSATION INSURANCE

OCTOBER 7, 1997

POLICY NUMBER: 713-97 UNIT 002021
CERTIFICATE EXPIRES: 10/1/98

CITY OF SACRAMENTO
RISK MANAGEMENT DIVISION
926 "J" STREET
SACRAMENTO CA 95814

INCEPTION DATE 10/1/97 @ 12:01AM

This is to certify that we have issued a valid Workers' Compensation insurance policy in a form approved by the California Insurance Commissioner to the employer named below for the policy period indicated.

This policy is not subject to cancellation by the Fund except upon ~~ten~~^{ten} days' advance written notice to the employer.

We will also give you ~~ten~~^{ten} days' advance notice should this policy be cancelled prior to its normal expiration.

This certificate of insurance is not an insurance policy and does not amend, extend or alter the coverage afforded by the policies listed herein. Notwithstanding any requirement, term, or condition of any contract or other document with respect to which this certificate of insurance may be issued or may pertain, the insurance afforded by the policies described herein is subject to all the terms, exclusions and conditions of such policies.

Tom Hansen
AUTHORIZED REPRESENTATIVE

K. Bollier
PRESIDENT

EMPLOYER'S LIABILITY LIMIT INCLUDING DEFENSE COSTS: \$1,000,000.00 PER OCCURRENCE

ENDORSEMENT #2065 ENTITLED CERTIFICATE HOLDER'S NOTICE (EFFECTIVE 10/1/97) IS ATTACHED TO AND FORMS A PART OF THIS POLICY

EMPLOYER

ZIMMERNAN ROOFING INC
3560 RAMONA AVENUE
SACRAMENTO CA 95826