

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0011829
Insp Area: 2

Site Address: 1832 FLORIN RD SAC
Parcel No: 047-0041-006

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

CONTRACTOR
ZIMMERMAN ROOFING
3675 R ST
SACRAMENTO CA 95816

OWNER
KENNEDY SHEILLY JR/DENISE
1832 FLORIN RD
SACRAMENTO CA 95822

ARCHITECT

Nature of Work: REROOF T/O 31 SQ INSTALL TILE

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 39 License Number 557559 Date 1/8/01 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 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 hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 1/8/01 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, 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 PENNSYLVANIA GENERAL INSU. CO. Policy Number 713-00-2021 Exp Date 10/01/2001

(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 1/8/01 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.

Kennedy

Paul Zacher - Structural Engineers
4701 Lakeside Way
Fair Oaks, CA 95628

TEL: 916.961.3960
FAX: 916.961.6552

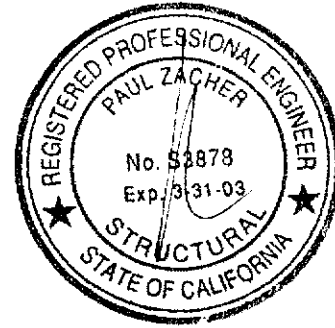
November 1, 2000

Zimmerman Roofing
3675 R Street
Sacramento, CA 95816
TEL: 916.454.3667
FAX: 916.455.3784

Attn.: Mr. Jeff Tucker,

re: Job 2000_358: KENNEDY

Subject: Structural Investigation Report of the Roof for the Residence located at 1832 Florin Road,
Sacramento, CA 95822.



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 November 1, 2000. The investigation was made to determine the existing condition of the structure. All information, data and analysis contained within this report are based on the 1997 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 2000 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. The garage area is framed with 2x6 rafters spaced at 24" on center and 2x8 cross ties spaced at 4'-0" on center.

CONCLUSIONS:

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

UBC Requires the collar ties to be as low as possible to the ceiling joists. Verify in field.

Matt P. 1/6/01

1/6 See roof framing plan, sheet 6.

PREPARED BY: PAUL ZACHER, REGISTERED PROFESSIONAL ENGINEER, STATE OF CALIFORNIA

Kennedy



Paul Zacher - Structural Engineers
4701 Lakeside Way
Fair Oaks, CA 95628

TEL: 916.961.3960
FAX: 916.961.6552

RECOMMENDATIONS:

None.

It shall be noted that small hairline cracking may occur at exterior stucco and interior gypboard finished walls that 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 that 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

Kennedy



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Fair Oaks, CA 95628

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CONCLUSIONS:

Roof:
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UBC Requires the collar ties to be as low as possible to the ceiling.

PAUL ZACHER... SACRAMENTO, CA 95822



P.K. Zacher, S.E.

4701 Lakeside Way
Fair Oaks, CA 95628
TEL: (916) 961-3960
FAX: (916) 961-6552

Job #: 00-358

Date: 11/1/00

LOADING

PAPER

$D_p = 11.5 \text{ PDF} \times 2^\circ = 23 \text{ PDF}$

$A = 6^\circ 2$

$L_p = 16.0 \text{ PDF} \times 2^\circ = 32$

23/32

12°

#1

$D_p = 11.5 \text{ PDF} \times 6^\circ = 69 \text{ PDF}$

$A = 12^\circ 2$

$L_p = 16.0 \text{ PDF} \times 6^\circ = 96$

69/96

16°

Paul Zacher - Structural Engineers
 4701 Lakeside Way
 Fair Oaks
 TEL: (916) 961-3960
 FAX: (916) 961-6552

Title :
 Dsgnr:
 Description :
 Scope :

Job #
 Date: 12:00PM, 1 NOV 00

Rev. 5.10304
 User: KW-0602844, Ver 5.1.1.3, 22-Jun-1999, Win32
 (c) 1985-99 ENGERCAL

Timber Beam & Joist

c:\engercalc\test.ecw\Calculations

Description RAFTERS AND BEAMS

Timber Member Information

Calculations are designed to 1997 NDS and 1997 UBC Requirements

| Timber Section | | rafter 2x6 | B1 4x12 |
|----------------------|-----|--|------------|
| Beam Width | in | 1.500 | 3.500 |
| Beam Depth | in | 5.500 | 11.250 |
| Le: Unbraced Length | ft | 0.00 | 0.00 |
| Timber Grade | | Douglas Fir - Larch, Douglas Fir - Larch | |
| Fb - Basic Allow | psi | 875.0 | 875.0 |
| Fv - Basic Allow | psi | 95.0 | 95.0 |
| Elastic Modulus | ksi | 1,600.0 | 1,600.0 |
| Load Duration Factor | | 1.250 | 1.250 |
| Member Type | | Sawn | Sawn |
| Repetitive Status | | Repetitive | No |

Center Span Data

| | | | |
|-----------|------|-------|-------|
| Span | ft | 12.00 | 16.00 |
| Dead Load | #/ft | 23.00 | 69.00 |
| Live Load | #/ft | 32.00 | 96.00 |

Results

Ratio = 0.9607 0.7133

| | | | |
|----------------|------|------------|------------|
| Mmax @ Center | in-k | 11.88 | 63.36 |
| @ X = | ft | 6.00 | 8.00 |
| Fb : Actual | psi | 1,570.9 | 858.2 |
| Fb : Allowable | psi | 1,635.2 | 1,203.1 |
| | | Bending OK | Bending OK |
| Fv : Actual | psi | 55.7 | 44.7 |
| Fv : Allowable | psi | 118.8 | 118.8 |
| | | Shear OK | Shear OK |

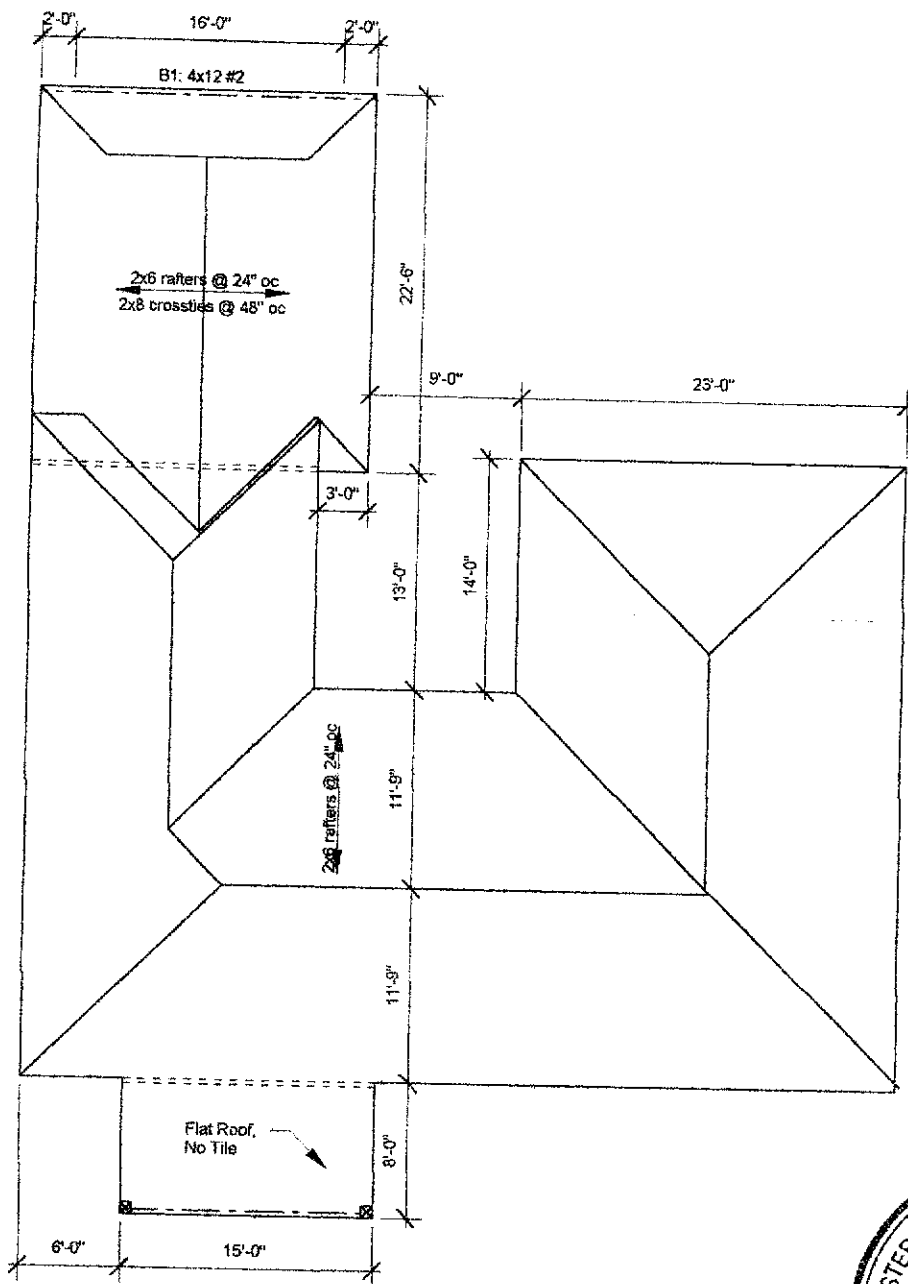
Reactions

| | | | | |
|-------------|------------|-----|--------|----------|
| @ Left End | DL | lbs | 138.00 | 552.00 |
| | LL | lbs | 192.00 | 768.00 |
| | Max. DL+LL | lbs | 330.00 | 1,320.00 |
| @ Right End | DL | lbs | 138.00 | 552.00 |
| | LL | lbs | 192.00 | 768.00 |
| | Max. DL+LL | lbs | 330.00 | 1,320.00 |

Deflections

Ratio OK Deflection OK

| | | | |
|-------------------|----|--------|---------|
| Center DL Defl | in | -0.322 | -0.153 |
| L/Defl Ratio | | 446.5 | 1,253.9 |
| Center LL Defl | in | -0.449 | -0.213 |
| L/Defl Ratio | | 320.9 | 901.2 |
| Center Total Defl | in | -0.771 | -0.366 |
| Location | ft | 6.000 | 8.000 |
| L/Defl Ratio | | 186.7 | 524.4 |



Notes:

1. This is a reroof project. The new roofing material shall be a Light Weight Concrete Tile. The tile shall weigh less than or equal to 7.0 psf.
2. All rafters are 2x6 DF#2 and hips and valleys are 2x8 DF#2 unless otherwise noted.
3. All existing rafter, hips, valleys, rafter ties, and purlins are braced per UBC Section 2320.12 "Roof and Ceiling Framing" unless otherwise shown.
4. All structural wood members that were observed appear to be in sound condition and without structural defect.

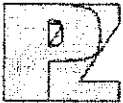
1

ROOF PLAN - KENNEDY

Not to Scale



Kennedy



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Sincerely,

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

PERMIT SERVICES USE ONLY
PV#



PERMIT NUMBER
(Required)
0011829
Attach job copy of permit

CITY OF SACRAMENTO
NEIGHBORHOODS, PLANNING & DEVELOPMENT SERVICES DEPARTMENT

DEVELOPMENT SERVICES DIVISION
1231 I STREET, RM. 200
SACRAMENTO, CA 95814

PERMIT SERVICES
916-264-7619
FAX 916-264-7046

BUILDING INSPECTIONS
916-264-5716
FAX 916-264-8370

REQUEST FOR PERMIT REFUND

JOB ADDRESS: 1832 FLORIN RD.
DATE OF WRITTEN REQUEST: 2-14-01 DATE REQUEST RECEIVED: 2-15-01
PERMIT FOR: REROOF
REASON FOR REFUND: JOB FLORIN RD
CONTRACTOR: ZIMMERMAN ROOFING OWNER: _____
ADDRESS: 3675 R ST. ADDRESS: _____
CITY/ST/ZIP: SACRAMENTO, CA. 95816 CITY/ST/ZIP: _____
PHONE: (916) 454-3667 PHONE: _____

REFUND RECIPIENT: CONTRACTOR OWNER OTHER: _____

ORIGINAL PERMIT "JOB COPY" IS REQUIRED FOR REFUND (SCC SECTION 9.01.051)

| AMOUNT PAID | | AMOUNT TO BE REFUNDED | |
|--------------|------------------|-----------------------|--------------------------|
| Permit Value | <u>13,500.00</u> | Adj. Value | <u>13,500.00</u> |
| BPF pd | <u>175.00</u> | BPF pd | <u>175.00</u> |
| PC/PPF pd | <u>250.00</u> | PC/PPF pd | <u>0.00</u> |
| SMI pd | <u>540.00</u> | SMI pd | <u>540.00</u> |
| CBL pd | <u>50.00</u> | CBL pd | <u>50.00</u> |
| Tech pd | <u>700.00</u> | Tech pd | <u>700.00</u> |
| Other | _____ | Other | _____ |
| Other | _____ | Other | _____ |
| Other | _____ | Other | _____ |
| Other | _____ | Other | _____ |
| Other | _____ | Other | _____ |
| Other | _____ | Other | _____ |
| Other | _____ | Other | _____ |
| Other | _____ | (Comm/Res Adman) | <u>(-30.00) (-50.00)</u> |
| Total Paid | <u>23040</u> | Total Refund Amount | <u>13790</u> |

PERMIT SERVICES USE ONLY
Job Card Attached
App. Book Marked
Permit Canceled
Supp. Paper Work
Letter Mailed _____

REFUND PROCESSED BY: _____ DATE: _____
REFUND APPROVED BY: _____ DATE: _____

PLEASE ALLOW 30 DAYS FOR PROCESSING