

CITY OF SACRAMENTO

Permit No: 0113936

1231 I Street, Sacramento, CA 95814

Insp Area: 4

Thos Bros: 277 F4

Site Address: 351 WINTERHAVEN AV SAC

Sub-Type: NOTHR

Parcel No: 250-0240-057

Housing (Y/N): N

CONTRACTOR

OWNER

ARCHITECT

TORRES SALVADOR T & JOSEFIN
351 WINTERHAVEN AV
SACRAMENTO CA 95833

Nature of Work: 129-SF PATIO COVER (AS-BUILT) & REROOF W/ LITE WT 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 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 10-31-01 Owner Signature Josefina Jones

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 10-31-01 Applicant/Agent Signature Josefina Jones

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 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 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 10-31-01 Applicant Signature Josefina Jones

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) _____
2. I (have have not) _____ 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 Josephina Jones

Job Address 351 WINTERHAVEN AVE

Permit No: 01139136

PLANNING AND ZONING REVIEW

..... to be filled out by Planning staff

ADDRESS: 351 WINTERHAVEN AVE.

APN: 250-0240-057 ZONING: R-1

DESIGN REVIEW AREA: Expanded North Area

PREVIOUS FILES RELATED TO SITE: Bldg. Permit # 0113936

EXISTING LAND USE: exist. S.F.R.

PROPOSED USE: re-roof includes exist. patio cover that was originally built w/o bldg. permit.

COMMENTS: received Design Review approval for re-roof 10/26/01; check for lot coverage on patio cover
Lot Area = 9583 (Metroscan)
house/garage = 1583
patio cover = 107 Lot Coverage ≈ 10% ±
1690

DATE: _____ BY: _____

DOES IT APPEAR THAT THE PROJECT WILL REQUIRE A PLANNING APPLICATION?

YES NO (If yes, circle applications needed below)

.....Staff.....ZA.....Planning Commission.....Design Review.....Preservation Review.....

CONCLUSION: meets setback & lot coverage requirements
based on dimensions/info provided

DATE: 10/29/01 BY: PHIL REED

CITY OF SACRAMENTO
DEVELOPMENT SERVICES DIVISION

EXPRESS PLAN REVIEW

SUBMITTAL DATES					
1st Review		2nd Review		3rd Review	
IN	OUT	IN	OUT	IN	OUT
/ /	10/31/01	/ /	/ /	/ /	/ /

PLAN CHECK NO.
 ADDRESS:
 Commercial Residential



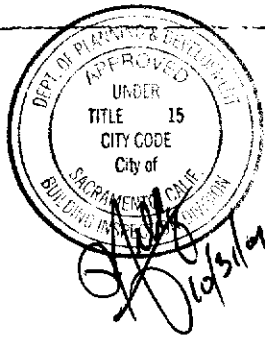
ACCEPTED BY:
 DATE:

	1ST REVIEW			2ND REVIEW			3RD REVIEW		
	Staff	Staff	Date	Staff	Staff	Date	Staff	Staff	Date
MECHANICAL/PLUMBING									
ELECTRICAL									
TIRE									
PLANNING									

STAFF COMMENTS: dropped
DROPPED OFF PERMIT NEEDS
PINK SHEET & SITE PLAN.

SALVADOR, JOSEFINA TORRES

351 WINTERHAVEN AVE



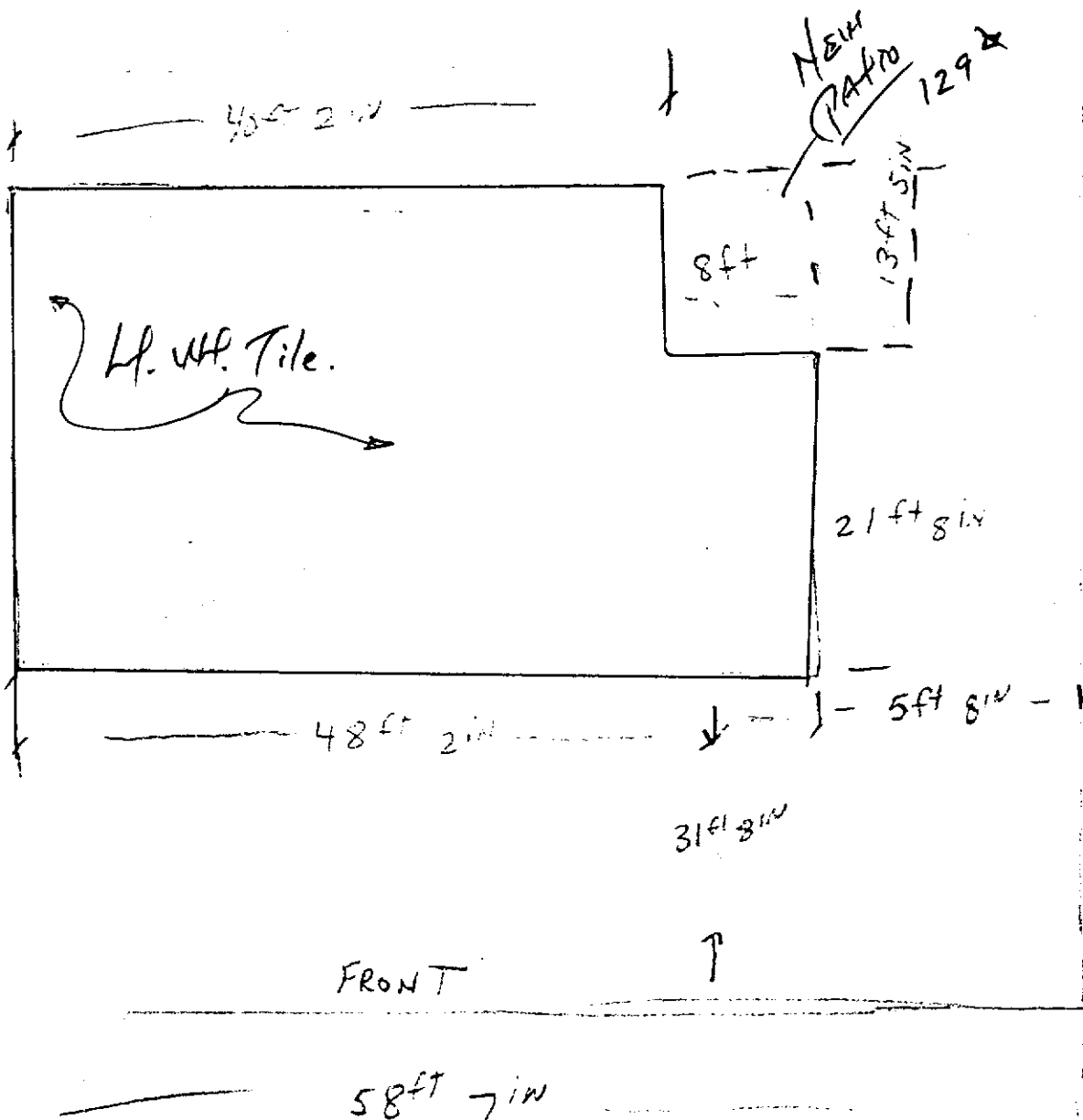
This set of plans and specifications must be kept on the job at all times and it is unlawful to make any changes or additions thereto without written permission from the Building Inspection Division.

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

ISSUED

OCT 31 2001

Sacramento Building Division



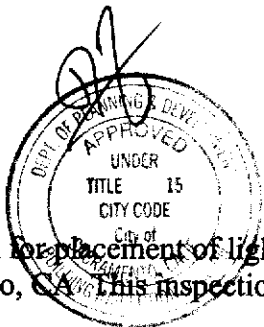
0113930

Pacific Consulting Engineers

2150 Bell Ave., Suite 145 • Sacramento, CA 95838 • (916) 564-6028 • Fax: (916) 564-6029

October 23, 2001

Lopez/Torres
351 Winterhaven
Sacramento, CA



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 Inspector.

RECEIVED
OCT 26 2001
CITY OF SACRAMENTO
PERMITS ASSIGNED

RE: Roof Inspection for placement of light weight tile during re-roof at 351 Winterhaven Ave, Sacramento, CA. This inspection and letter is our Job#01-1306.

Dear Mr. Lopez:

Per your request I met with you on October 16, 2001, at the aforementioned site to look at the existing roof framing to determine if it would be adequate to support the slightly higher weight of the light weight tile.

Residence:

The existing residence is a 1 story building, with 3 bedrooms and other typical living space. Please see attachment 1 of 6 for a sketch of the existing roof layout.

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OCT 31 2001
Sacramento Building Division

The existing roof construction of the main residence and garage consisted of composition shingles, over 15# felt, over 7/16" sheathing, over 2x6 #2DF rafters at 24" c.c. spanning 10'-6" max. The condition of the existing roof members was generally good. There was also a cover over the back patio. Please see comments below regarding the back patio cover.

It is my understanding that the new roof construction will be light weight tile (5.8psf installed weight), over 15# or 30# felt, over the existing 7/16" sheathing nailed with 8d at 6" c.c. edge and 12" c.c. field, over the existing rafters.

The existing construction of the residence and garage is acceptable as is with the following exception. There were three (3) 2x8 cross ties over the garage that have very evident sags. In talking with the owner it was found out that a lot of stuff used to be stored up in the exposed portion of the garage attic. I am recommending that new 2x8 #2DF crossties be placed adjacent to, and connected to, all of the existing cross ties. They should be attached to the existing cross ties with 16d sinkers at 8" c.c., staggered, top and bottom. At the right end it they are to bear on the wall, at the left end it can either be cut into the wall or it can butt up to the existing sheet rock (it does not need to bear on the wall). Please see page 1 of the attachment.

Back Patio Cover:

There was an existing 11' (wide) x 11'-9" (deep) back patio cover that looked like it had been added after the residence was built. In order to support the new tile roof covering that they want to place on it, there will need to be some modification made in order to meet the requirements of 1997 UBC Appx 31, Div III (please note that the numbers below correspond to the key notes on

129²

JRT
10/23/01



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OCT 31 2001

Sacramento Building Division

page 2 of the attachment):

1. There were 4 existing posts supported by the existing slab that is in good condition – these may remain and be re-used.
2. The existing rafters are 2x6 #2 df at 24" c.c. spanning approximately 5'-10". These are acceptable and may be re-used.
3. The beam along the back side of the cover is an existing 2x6 resting in notches of the existing 4x4 posts at each end – This beam is to be replaced with a 4x6 #2 DF or have an additional 2x6 added next to it with 10d common nails at 12" c.c. staggered to p and bottom. In either case a Simpson EPC44 post cap must be placed at each end.
4. The existing ridge beam is a 2x6 #2 DF - This must be replaced with a 4x6 #2 DF beam. At the right end of the beam connect it to the existing post with a Simpson EPC44 Post Cap. At the left end connect it to a new 4x4 post down to the new beam, in Item 7, with a Simpson EPC44 Post cap.
5. A new 4x4 #2 DF post is to be added at the front left corner of the patio cover. It is to have a Simpson EPC44 cap to the beam in Item 6 and a Simpson ABE44 post base connected to the existing slab with an 1/2" dia x 2-1/2" concrete expansion anchor such as the Simpson Wedge All or Hilti Kwik Bolt II. Please see Section B on page 3 of the attachment.
6. The existing cover rafters are currently attached to the ends of the existing garage rafter tails that form the eave. The method of attachment was not visible at the time of my inspection. A new 4x6 or 2-2x6 beam (similar to Item 3) is to be placed such that the patio cover is not supported by the existing rafter tails. This new beam is to be supported at the left end by the new post mentioned in Item 5 and is to be supported by the existing post at the right end. A Simpson EPC44 post cap should be placed at the right end to connect the beam to the existing post. The existing rafters are to be attached to the new beam with Simpson LU26 hangers. Please see Detail E on page 4 of the attachment.
7. At the left end of the existing ridge it was supported on the end of an existing rafter tail – A new 4x8 #2 DF beam is to be placed running front to back to support the left end of the new ridge. At the front end the beam, it is to be hung from the new beam with a Simpson HUC46 hanger. At the back end it is to sit on top of the beam with a Simpson A35 connecting it to the back beam.
8. Place cricket framing and/or flashing to promote drainage and prevent ponding of water at the patio cover.
9. Place new 4x4 post from the left end of the new ridge in item 4 and down to the beam in item 7. It is to have a Simpson EPC44 at the top to the ridge and a Simpson BC4 at the bottom to the new 4x8 beam.

JET
10/23/01

Lopez/Torres
Page 3
October 23, 2001



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The approval of this plan and specification shall not be held to permit or approve the

Conclusion:

It is my conclusion that the existing roof framing of the residence and the garage are acceptable to support the new tile roof covering (5.8 psf max installed wt) as long as the recommendation for the garage is completed. The existing back patio cover is not acceptable in its current configuration. However, if the aforementioned recommendations are followed, it will be acceptable. The recommendations for the patio cover are shown in detail form on pages 2 thru 4 of the attachments.

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OCT 31 2001

Attachments:

Attachment #1 is the sketch of the existing roof framing plan;

Attachment #2 is the back patio cover framing plan;

Attachments #3 & #4 are the sections and details referenced on the back patio roof framing plan;

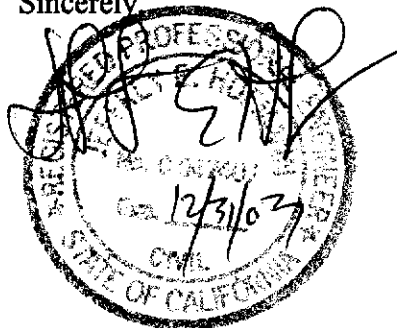
Attachments #5 and #6 are the calculations regarding the calculation of the weight of the rafter dead load, justification of the new framing for the back patio cover, and verification of the allowable span for the existing house and garage rafters.

Sacramento Building Division

Please note that this report is based on my initial inspection, if any damage structural members are found during the re-roof process, please contact me to schedule an inspection and repair or fix detail.

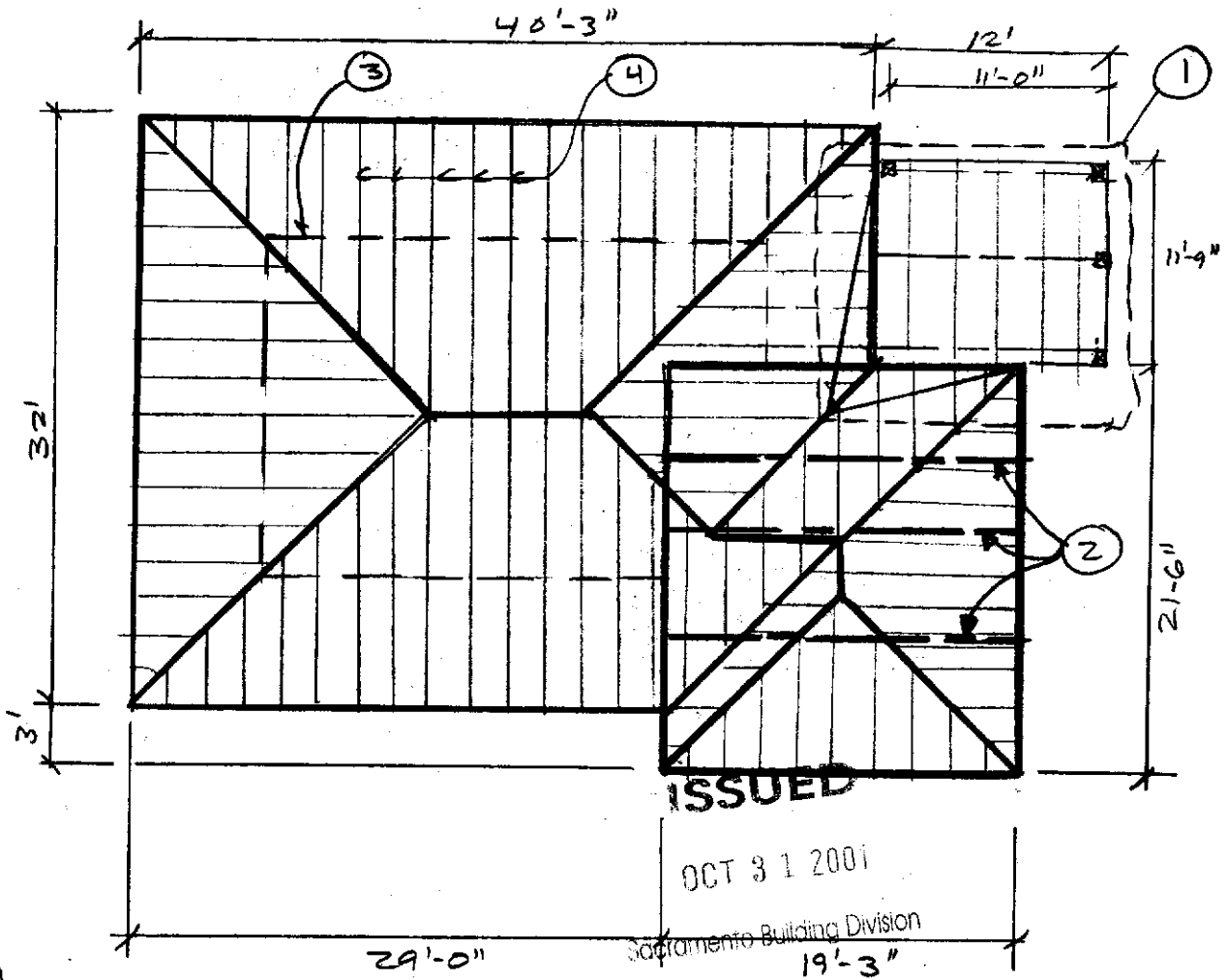
If you have any questions or need further clarification on these matters please feel free to contact me at (916) 564-6028.

Sincerely,



Jeffrey E. Hofmann, P.E.

STAEDTLER® No. 937 811E Engineer's Computation Pad



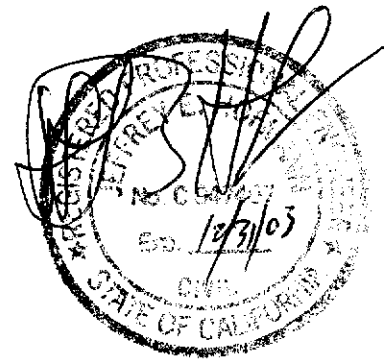
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NOTES:

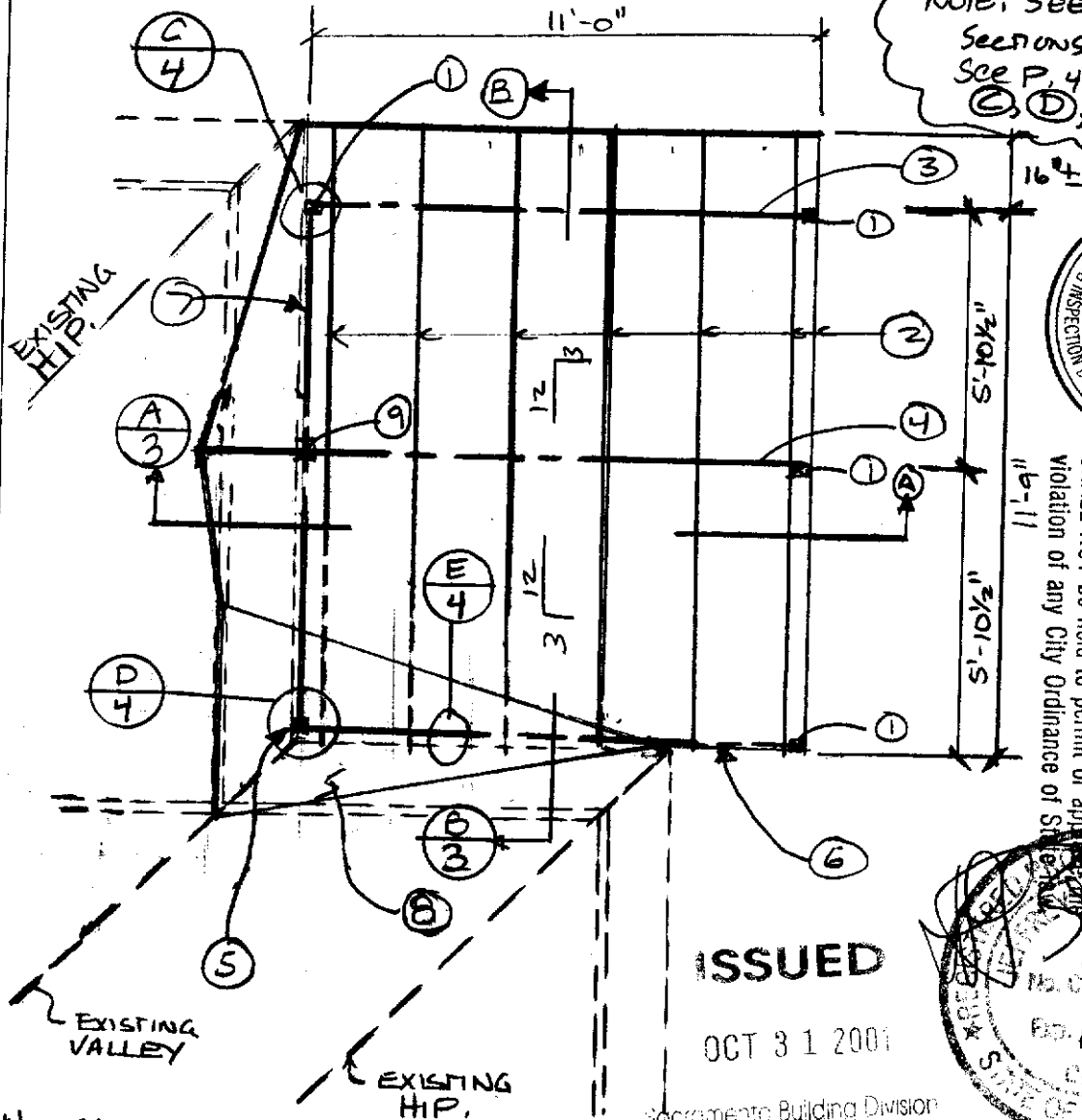
- ① - SEE P. 2. FOR FRAMING PLAN FOR BACK PATIO COVER.
- ② - ADD NEW 2x8 #1 DF TO (E) 2x8 CROSS TIE - NAIL W/ 16d SINKERS @ 8" CL TOP + BOTTOM.
- ③ - (E) PURLIN BRACED TO WALLS BELOW
- ④ - (E) 2x6 #2 DF @ 24" CL FOR 10'-6" MAX SPAN. -TYPE GAR AND HOUSE



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PACIFIC CONSULTING ENGINEERS
 2160 BELL AVE., SUITE 146
 SACRAMENTO, CA 95838

NOTE: SEE P. 3 FOR SECTIONS (A) + (B)
SEE P. 4 FOR DETAILS (C), (D), + (E)



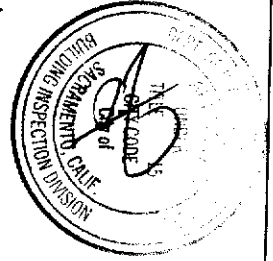
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OCT 31 2001

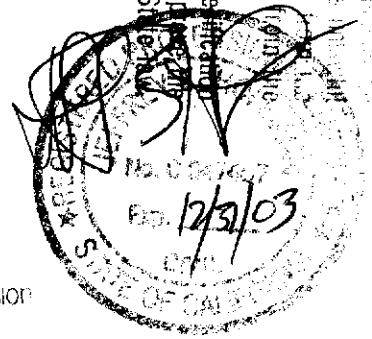
Sacramento Building Division

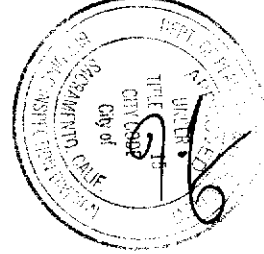
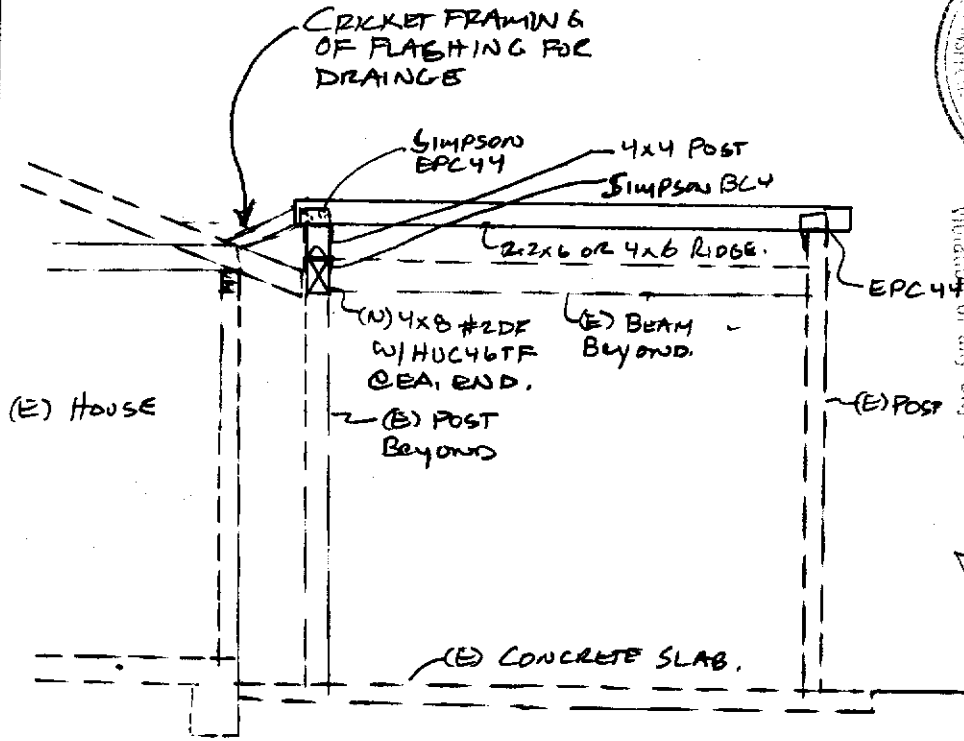
NOTES:

- ① - EXISTING 4x4 POST TO REMAIN.
- ② - EXISTING 2x6 #2 DF @ 24" OC TO REMAIN.
- ③ - EXISTING 2x6 BM - REPLACE W/ 4x6 OR ADD ADDITIONAL 2x6 - PLACE EPC44 POST CAP @ EA. END.
- ④ - EXISTING 2x6 RIDGE - REPLACE W/ 4x6 #2 DF OR ADD 2x6 TO EXISTING. PLACE EPC44 @ EA. END.
- ⑤ - NEW 4x4 #2 DF POST - PLACE SIMPSON EPC44 @ TOP + SIMPSON ABE44 @ BASE W/ 1/2" Ø x 2 1/2" CONCRETE EXPANSION ANCHOR TO SLAB
- ⑥ - NEW 4x6 #2 DF BM - PLACE SIMPSON EPC44 @ EA. END
- ⑦ - NEW 4x8 #2 DF BM - PLACE SIMPSON HUC46 @ FRONT END TO BM ⑥. PLACE ON TOP OF BM ③ @ BACK MAY CUT TO MATCH ROOF PITCH + SLOPE.
- ⑧ - CRICKET FRAME OR FLASHING FOR DRAINAGE.
- ⑨ - NEW 4x4 POST FROM RIDGE DOWN TO SIDE BM. PLACE EPC44 @ TOP + BC4 @ BOTTOM.



The approval of this plan and specification shall NOT be held to permit or approve any violation of any City Ordinance of Sacramento, California.





THE APPROVAL OF THIS PROJECT IS LIMITED TO THE SPECIFIC CONDITIONS AND INFORMATION PROVIDED TO ME BY THE CLIENT. I SHALL NOT BE HELD RESPONSIBLE FOR ANY VIOLATION OF ANY CITY ORDINANCE OR STATE LAW.

DATE: 12/31/03

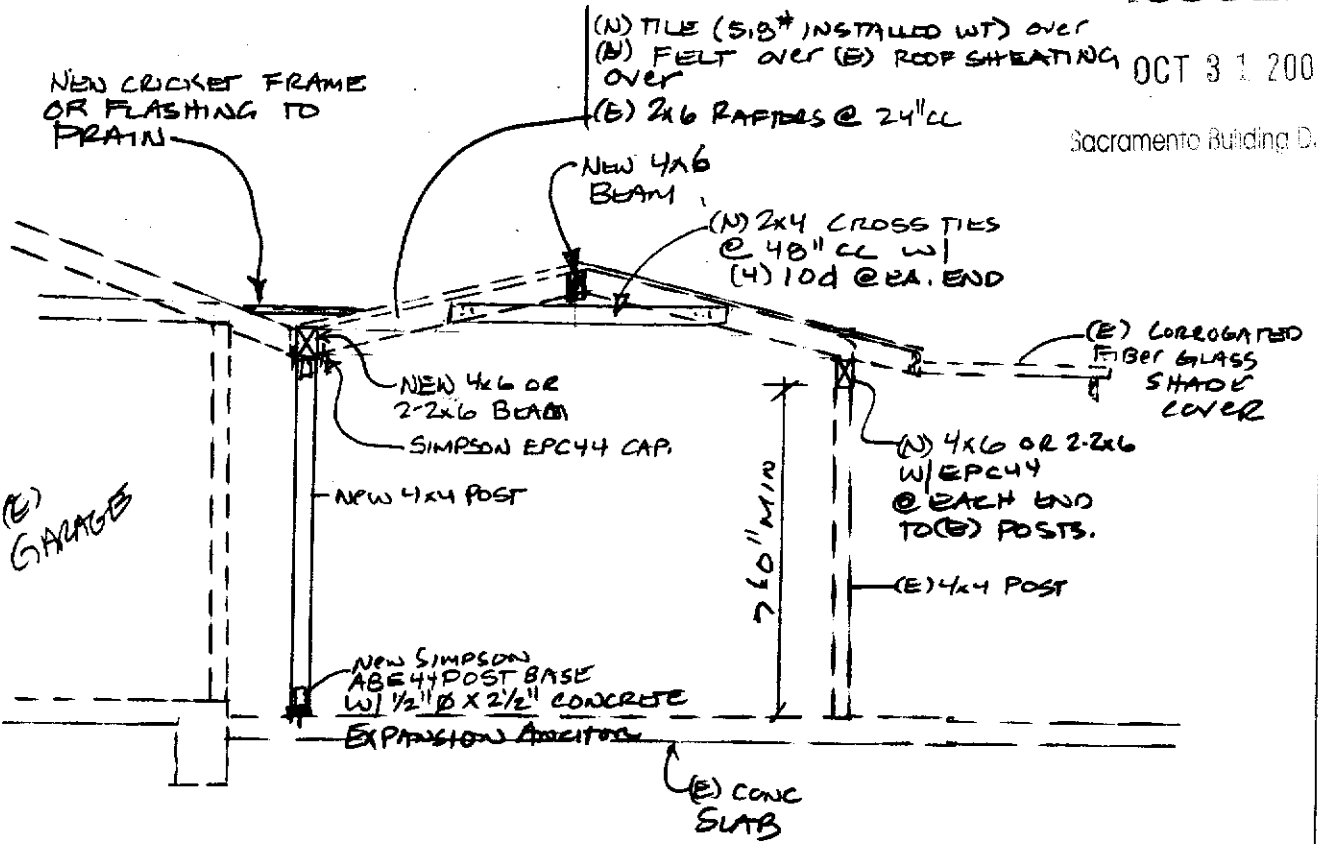
SECTION A - A

1/4" = 1'

ISSUED

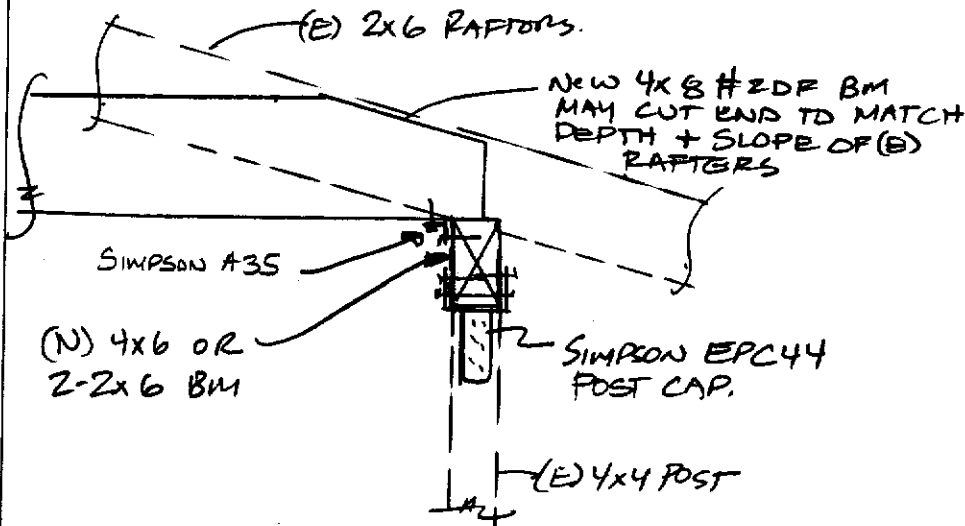
OCT 31 2001

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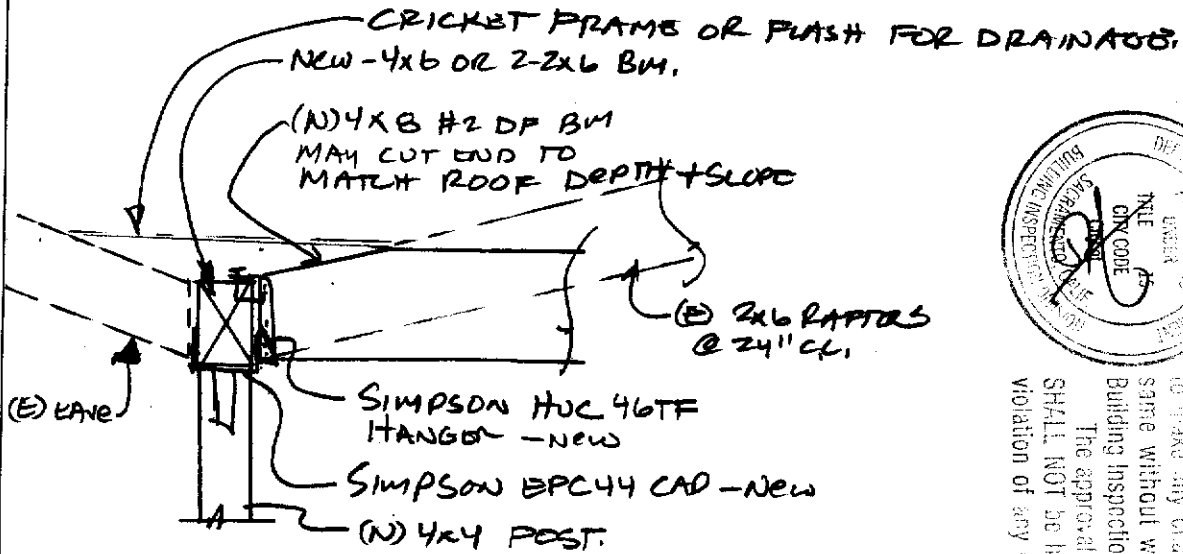


SECTION B - B (1/4" = 1')

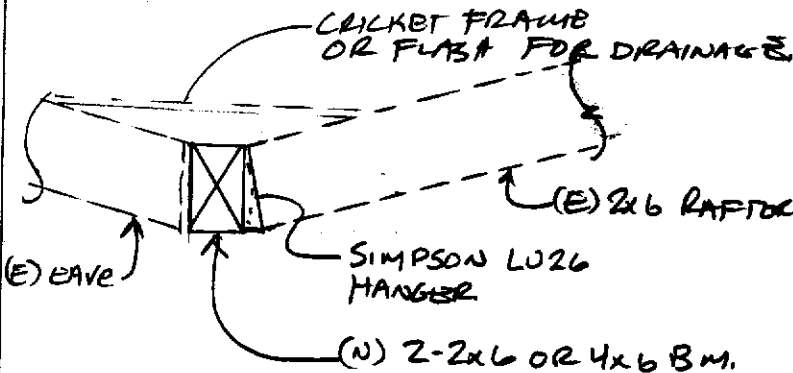
No. 937 811E
Engineer's Computation Pad



(C) BEAM (7) TO BEAM (3)
4 NTS.



(D) BEAM (7) TO BEAM (6)
4

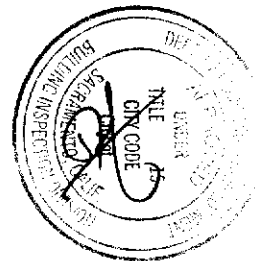


(E) EXISTING RAFTER (ATTACHED) TO BEAM (6)
4

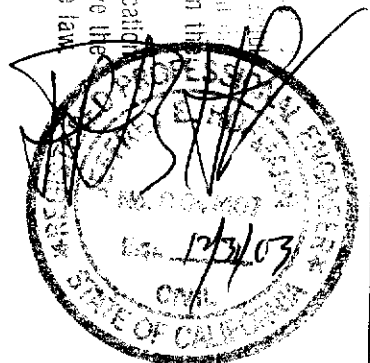
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... to make any changes or alterations... shall NOT be held to permit or approve the violation of any City Ordinance of State law

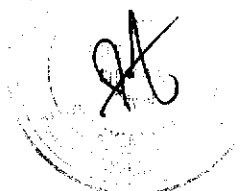


PACIFIC CONSULTING ENGINEERS
3150 BELL AVE., SUITE 145
SACRAMENTO, CA 95833

CALC NEW DL ON 1200F

9.0 PSF - TOTAL DEADLOAD \leq 10 PSF TYPICALLY USED FOR DESIGN

- 5.8 - TILE
- 1.5 - 1/2" PLY
- .3 - FILL
- 1.0 - 2x6 @ 24"
- 0.4 - MISC



Per 1997 CBC APPX 31, DIV III
 I hereby certify that the design and specification
 herein were prepared or approved by me
 in accordance with the provisions of the
 California Building Code and specification
 of any City Ordinance or State law.

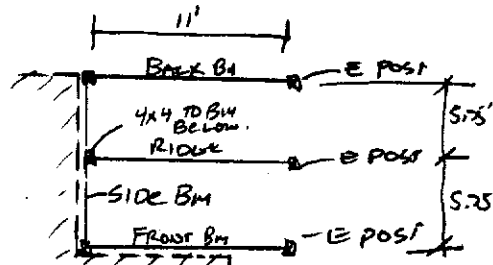
CHECK BACK PATIO COVER FRAMING LL=10 PSF DL=10 PSF

RAPTERS

SPAN = 5.5'

FROM WWPA RAFTER COMPUTER

USE 2x4 #2 DF @ 24" CL (MIN).



RIDGE BM

SPAN = 11'

$W_{TL} = 5.83' (10 + 10 PSF) = 117 \text{ PLF}$

$R = 641 \# < 750 \#$

LOW ACCEPTABLE SLAB - NO FTG - APPX 31 DIV III

FROM WWPA BM COMPUTER

$A_{ALL TL} = \frac{L}{240}$

USE 2x8 OR 4x6 #2 DF

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OCT 31 2001

Sacramento Building Division

FRONT + BACK BM

SPAN = 11'

$W_{TL} = (\frac{5.25}{2} + \frac{16}{12}) (10 + 10) = 84 \text{ PLF}$

$R = 462 \# < 750 \#$

LOW ACCEPTABLE SLAB - NO FTG REQD

FROM WWPA BM COMP

USE 2x6 OR 4x6 #2 DF - USE EPC 44 TO EXISTING POSTS

SIDE BEAM

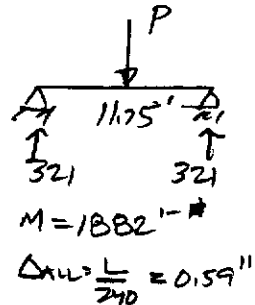
SPAN = 11.75'

$R_{TL} = 641 \#$

$R_{E\&S} = 1.5(321)/95 = 5.06 \text{ in}^2$

$R_{E\&S} = 12(1882)/675(1.3) = 19.85 \text{ in}^3$

$R_{E\&S} = 641 (11.75)^3 (1.728) / 48(1.6 \times 10^6) (1.59) = 39.7 \text{ in}^4$



USE 4x8 #2 DF W/ 110C 46 TF TO FRONT + BACK BM @ EA. END

JTB 10/23/01

JEH

10/22/01

LOPEZ/TORRES RESID

01-1352

6/6

CHECK (E) ROOSE RAFTERS (PER 1994 UBC LUMBER VALUES)

LL=16 PSF (PITCH 24:12)

#2 DF

$F_v = 95 \text{ PSI}$

DL=10 PSF (SEE PREVIOUS PAGE FOR CALL)

$F_b = 1450 \text{ PSI} - (\text{Rep})$

$E = 1.7 \times 10^6$

FROM WWPA RAFTER COMPUTER

USE OF 2x6 #2 DF @ 24" CL FOR UP TO 11'-4" MAX SPAN IS OK
- THIS EXCEEDS THE MAXIMUM (E) MAX SPAN OF 10'-6"
EXISTING RAFTERS ARE ACCEPTABLE.

... and specifications must be
... it is unlawful
... alterations from the
... written permission from the
... Division.
... of this plan and specification
... be held to permit or approve the
... of any City Ordinance of State law.

ISSUED

OCT 31 2001

Sacramento Building Division

JEH
10/23/01

No. 937 811E
Engineer's Computation Pad

