

CITY OF SACRAMENTO

New City Hall, 915 I St., 3rd Floor, Sacramento, CA 95814

Permit No: 0616665

Insp Area: 2

Thos Bros: 336H4

Site Address: 813 SHORE BREEZE DR SAC

Parcel No: 031-1320-005

Sub-Type: RES

Housing (Y/N): N

CONTRACTOR

WEATHERTITE ROOFING
4661 SUMMER CREEK CT
SHINGLE SPRINGS, CA 95682

OWNER

CHERRY JULIUS J/DONNA M
813 SHORE BREEZE DR
SACRAMENTO, CA 95831

ARCHITECT

Nature of Work: REROOF-- T/O, RESHEET INSTALL 40 SQRS OF LIGHT WEIGHT TILE-- IN PROGRESS INSPECTION REQUIRED

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 C-39 License Number 420375 Date 10/24/06 Contractor Signature Candlyn Peer

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: OCT 24 2006

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 herby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 10/24/06 Applicant/Agent Signature Candlyn Peer

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.

CP 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:

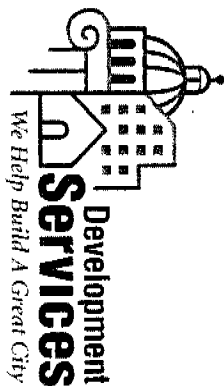
Carrier STATE FUND Policy Number 1271896-2004 Exp Date 10/01/2007

(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 10/24/06 Applicant Signature Candlyn Peer

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.



PAID
CITY OF SACRAMENTO
OCT 24 2006

CITY OF SACRAMENTO
www.cityofsacramento.org
Help Line: 1-916-808-5656 OR 1-866-EZ-PERMIT
Inspection Request: 1-916-808-7622
New City Hall
915 I Street, 3rd Floor
Sacramento, CA 95814
North Permit Center
2101 Arena Blvd., Suite 200
Sacramento, CA 95834
Fax # 916-808-1901

NEW CITY MINOR PERMIT APPLICATION Date: _____

Faxed/web request must be received in this office by 3:00 P.M. to be processed the following workday. Contractors must have a current certificate of Worker's Compensation Insurance. Note: Work started before a Building Permit is issued will be subject to quad fee.

Permits requiring Plan Review are not eligible for the MINOR PERMIT PROGRAM

Design Review and Historic Preservation approval may be required if job address is located in those areas (additional forms may be required)

IN ORDER TO PROCESS THIS REQUEST, ALL THE FOLLOWING INFORMATION MUST BE PROVIDED:

Job Address: 813 Shore Breeze DR Bldg Type: RESIDENTIAL APARTMENTS (4+ units per building) COMMERCIAL (limited)
 CONTACT INFO Name: SAMMY PEER Unit # _____ Contract Price \$25,000
 Property Owner: MR DORRY Phone #: 817-1977 Email: _____
 Address: 813 Shore Breeze DR Address: 4661 SUMNER AVE W of License # 420375
 City/State/Zip: SOLA, CA 95837 City/State/Zip: SHINGLE SPRINGS, CA 95882
 Phone: _____ Phone: 530 672 1113 Fax: SAME
 Pre-Registered? YES NO Registration # _____

Nature of Work: Provide description of work & indicate type of work in selections below.

Description of Work: Tear off Shakes, Reshet, Replace with light weight tile

<input checked="" type="checkbox"/> Reroof (excluding tile) <input checked="" type="checkbox"/> Tear-Off <input type="checkbox"/> Reshet <input type="checkbox"/> House <input type="checkbox"/> Garage # Stories: <u>1</u> # Squares: <u>40</u> Material: <u>light weight tile</u> <input type="checkbox"/> Siding <input type="checkbox"/> Wood <input type="checkbox"/> T-111 <input type="checkbox"/> Horiz <input type="checkbox"/> Vinyl <input type="checkbox"/> Stucco	<input type="checkbox"/> HVAC Installations (Residential Only) <input type="checkbox"/> Change-out <input type="checkbox"/> New <input type="checkbox"/> Heat Pump <input type="checkbox"/> Package <input type="checkbox"/> Split system <input type="checkbox"/> Roof mount <input type="checkbox"/> Cut-in <input type="checkbox"/> Heat pump or elect. unit to gas. <input type="checkbox"/> Wall furnace <input type="checkbox"/> Other (describe below) Value of duct work: _____ Equipment: \$ _____ Cut-in: \$ _____	<input type="checkbox"/> Water Heater (Residential Only) <input type="checkbox"/> Electric <input type="checkbox"/> Gas <input type="checkbox"/> Change-out <input type="checkbox"/> Electric to Gas <input type="checkbox"/> Relocate <input type="checkbox"/> New <input type="checkbox"/> Dry Rot or Termitte <input type="checkbox"/> Damage Repair <input type="checkbox"/> Flooring/Joists <input type="checkbox"/> Mudsill/Studs <input type="checkbox"/> Roof Structure <input type="checkbox"/> Exterior	<input type="checkbox"/> Minor Electric and/or Plumbing (Residential Only) <input type="checkbox"/> Electric Service Change # amps _____ <input type="checkbox"/> New electric circuits <input type="checkbox"/> Re-wire <input type="checkbox"/> Water Service Replacement <input type="checkbox"/> Sewer Service Replacement <input type="checkbox"/> Gas Line Replacement <input type="checkbox"/> Re-plumb <input type="checkbox"/> Water <input type="checkbox"/> Waste	<input type="checkbox"/> Public Utilities Safety Inspection (Residential and single apartment units Only) <input type="checkbox"/> SMUD <input type="checkbox"/> PG&E * NOTE * Correction Notice items will require an additional building permit.
Office Use Only: Parcel #:	Date Received:	Date Issued:	Processor's Initials:	Permit #:

Minor permit and Form - 01/01/05

PZSE, Inc. - Structural Engineers
4701 Lakeside Way
Fair Oaks, CA 95628

PZSE, Inc. - Structural Engineers
4701 Lakeside Way
Fair Oaks, CA 95628

TEL: (916) 961-3960
FAX: (916) 961-6552
e-mail: paul@pzse.com

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.

Roof Structure:

1. Scab a 2x6 rafter to the existing 2x6 rafters with 16d's @ 12" on center where the span is greater than 10'-6". The rafter to be scabbed to the existing rafter may be held short of the intersecting bearing wall, hip, valley, ridge or purlin by no more than 4". See detail 1.
2. Scab a 2x6 rafter to the existing 2x6 rafters with 16d's @ 12" on center where the span is greater than 12'-0". The rafter to be scabbed to the existing rafter may be held short of the intersecting bearing wall, hip, valley, ridge or purlin by no more than 4". See detail 1.

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

Job #: 06_469

Date: 10/09/2006

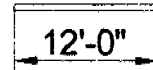
LOADING:

Rafter:

Dr = 12.3 psf x 2'-0" = 24.6 plf
 Lr = 16.0 psf x 2'-0" = 32.0 plf

2x6 #2

24.6 / 32.0

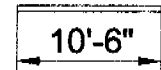


Vault:

Dr = 15.6 psf x 2'-0" = 31.2 plf
 Lr = 16.0 psf x 2'-0" = 32.0 plf

2x6 #2

31.2 / 32.0

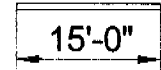


Vault:

Dr = 15.6 psf x 2'-0" = 31.2 plf
 Lr = 16.0 psf x 2'-0" = 32.0 plf

3 - 2x6 #2

31.2 / 32.0

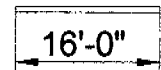


B1:

Dr = 12.3 psf x 7'-0" = 86 plf
 Lr = 16.0 psf x 7'-0" = 112 plf

4x12 #2

86 / 112

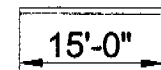


Rafter:

Dr = 12.3 psf x 2'-0" = 24.6 plf
 Lr = 16.0 psf x 2'-0" = 32.0 plf

2 - 2x6 #2

24.6 / 32.0



PZSE, Inc

Structural Engineering

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

Rev: 580006
 User: KW-0602844, Ver 5.8.0, 1-Dec-2003
 (c)1983-2003 ENERCALC Engineering Software

Timber Beam & Joist

Cherry.ecw Calculations

Description RAFTERS AND BEAMS

Timber Member Information Code Ref: 1997/2001 NDS, 2000/2003 IBC, 2003 NFPA 5000. Base allowables are user defined

	rafter	vault	rafter	B1	rafter
Timber Section	2x6	2x6	3-2x6	4x12	2-2x6
Beam Width	in 1.500	1.500	4.500	3.500	3.000
Beam Depth	in 5.500	5.500	5.500	11.250	5.500
Le: Unbraced Length	ft 0.00	0.00	0.00	0.00	0.00
Timber Grade	Douglas Fir - Larch, No.2	Douglas Fir - Larch, No.2	Douglas Fir - Larch, No.2	Douglas Fir - Larch, No.2	Douglas Fir - Larch, No.2
Fb - Basic Allow	psi 875.0	875.0	875.0	875.0	875.0
Fv - Basic Allow	psi 95.0	95.0	95.0	95.0	95.0
Elastic Modulus	ksi 1,600.0	1,600.0	1,600.0	1,600.0	1,600.0
Load Duration Factor	1.250	1.250	1.250	1.250	1.250
Member Type	Sawn	Sawn	Sawn	Sawn	Sawn
Repetitive Status	Repetitive	Repetitive	Repetitive	No	Repetitive

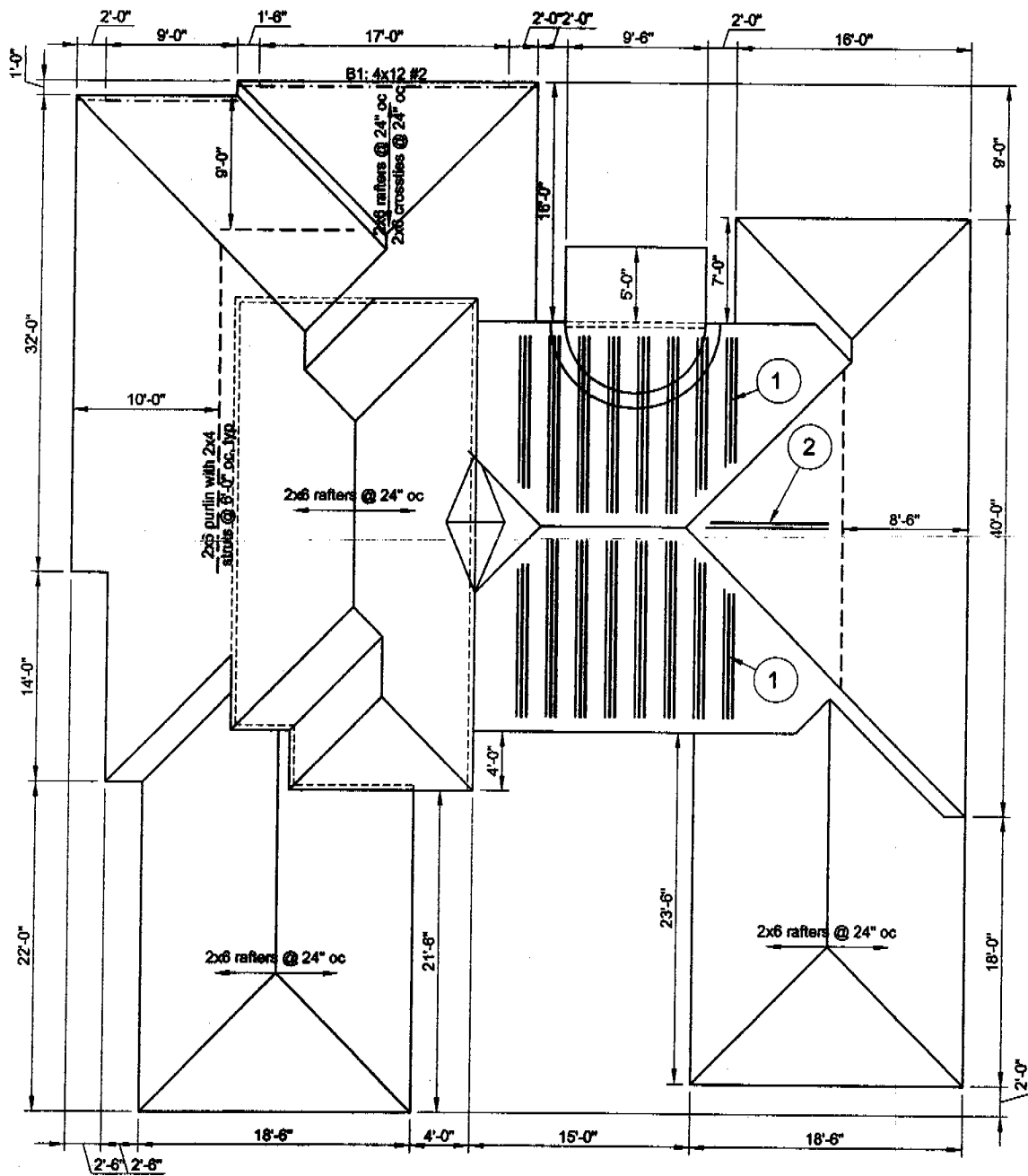
Center Span Data						
Span	ft	12.00	10.50	15.00	16.00	15.00
Dead Load	#/ft	24.60	31.20	31.20	86.00	24.60
Live Load	#/ft	32.00	32.00	32.00	112.00	32.00

Results	Ratio =	0.9887	0.8452	0.5750	0.8560	0.7724
Mmax @ Center @ X =	in-k ft	12.23 6.00	10.45 5.25	21.33 7.50	76.03 8.00	19.10 7.50
fb : Actual	psi	1,616.6	1,382.0	940.2	1,029.9	1,263.0
Fb : Allowable	psi	1,635.2	1,635.2	1,635.2	1,203.1	1,635.2
		Bending OK	Bending OK	Bending OK	Bending OK	Bending OK
fv : Actual	psi	57.3	55.5	27.1	53.6	36.4
Fv : Allowable	psi	118.8	118.8	118.8	118.8	118.8
		Shear OK	Shear OK	Shear OK	Shear OK	Shear OK

Reactions							
@ Left End	DL	lbs	147.60	163.80	234.00	688.00	184.50
	LL	lbs	192.00	168.00	240.00	896.00	240.00
	Max. DL+LL	lbs	339.60	331.80	474.00	1,584.00	424.50
@ Right End	DL	lbs	147.60	163.80	234.00	688.00	184.50
	LL	lbs	192.00	168.00	240.00	896.00	240.00
	Max. DL+LL	lbs	339.60	331.80	474.00	1,584.00	424.50

Deflections						
		Ratio OK	Deflection OK	Deflection OK	Deflection OK	Deflection OK
Center DL Defl	in	-0.345	-0.256	-0.356	-0.191	-0.421
L/Defl Ratio		417.5	491.4	505.6	1,006.0	427.5
Center LL Defl	in	-0.449	-0.263	-0.365	-0.249	-0.548
L/Defl Ratio		320.9	479.1	493.0	772.5	328.7
Center Total Defl	in	-0.794	-0.519	-0.721	-0.439	-0.969
Location	ft	6.000	5.250	7.500	8.000	7.500
L/Defl Ratio		181.5	242.6	249.6	437.0	185.8

5



FRAMING NOTES:

1. Scab two (20 2x6's to existing 2x6 rafters where the span is greater than 10'-6" (total 16 existing rafters).
2. Scab a 2x6 to existing 2x6 rafters where the span is greater than 12'-0" (total 1).

NOTES:

- A. 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 7.3 psf.
- B. All framing members including rafters, purlins, joists and beams are existing unless otherwise noted in the framing notes above.
- C. All rafters are 2x6 DF#2 and hips and valleys are 2x8 DF#2 unless otherwise noted.
- D. All existing rafter, hips, valleys, rafter ties, and purlins are braced per UBC Section 2320.1 "Roof and Ceiling Framing" unless otherwise shown.
- E. All structural wood members that were observed appear to be in sound condition and without structural defect.

1
C
ROOF PLAN - CHERRY
 Not to Scale

