

CITY OF SACRAMENTO

Permit No: 0615830

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

Insp Area: 4

Thos Bros: 257G7

Site Address: 4845 AMBER LEAF WY SAC

Sub-Type: RES

Parcel No: 226-0330-090

Housing (Y/N): N

CONTRACTOR
AMIGOS ROOFING CO
612 POPLAR AVE
WEST SACRAMENTO, CA 95691

OWNER
ERWIN ALAN LEROY
4845 AMBER LEAF WY
SACRAMENTO, CA 95838

ARCHITECT

Nature of Work: REROOF T/O INSTALL 20 SQS LIGHT WT EAGLE 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 C 39 License Number 821611 Date 10/10/06 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 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 10/10/06 Owner Signature [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 10/10/06 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 STATE FUND Policy Number 046-0013405 Exp Date 08/26/2007

(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 10/10/06 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.



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

MINOR PERMIT APPLICATION

Date: 10/18/06

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: 4845 Amber Leaf way Bldg Type: RESIDENTIAL APARTMENTS (4+ units per building) COMMERCIAL (limited)
 CONTACT INFO Name: Gustavo Ayala Phone #: _____ Unit # _____ Contract Price 10,000
 Property Owner: Alan Fowin Contractor: AMigos Roofing & License #8266U
 Address: 4845 Amber Leaf way Address: 612 poplar ave
 City/State/Zip: Sac. CA 95838 City/State/Zip: W. Sac CA 95691
 Phone: (916) 564-1930 Phone: 916 371-3517 Fax: 916 371-4096
 Nature of Work: Provide description of work & indicate type of work in selections below. Pre-Registered? YES NO Registration # _____

Description of Work: Tear off install Lightweight Tile

<input type="checkbox"/> Reroof (excluding tile) <input checked="" type="checkbox"/> Tear-Off <input type="checkbox"/> Resheet <input type="checkbox"/> House <input type="checkbox"/> Garage # Stories: <u>1-2</u> # Squares: <u>20</u> Material: <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 Termit Damage Repair <input type="checkbox"/> Flooring/Joists <input type="checkbox"/> Mud sill/Studs <input type="checkbox"/> Roof Structure <input type="checkbox"/> Exterior	<input type="checkbox"/> Minor Electric and/or Minor 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: _____	Date Issued: _____ Processor's Initials: _____	Date Issued: _____ Processor's Initials: _____	Permit #: _____

APPROVED
City of Sacramento Plan Review
STRUCTURAL
MPE
Signature
10/16/06
Date

SCHOEN ENGINEERING
9524 BEDINGTON WAY
SACRAMENTO, CA 95827
(916) 369 6866
Licensed by the California State
Board for Engineers and Land Surveyors
LIC.# C042913



September 6, 2006

Alan Erwin
Amber Leaf Way
Sacramento, CA 95838

SUBJECT: Reroof at 4845 Amber Leaf Way, Sacramento, CA 95838

Alan:

On August 31st 2006 I inspected the roof structure of the residence at the above mentioned address. The roof was made up of metal plated trusses with D.F. No. 1 1750 psi stress rated top chords @ 2' o.c.. The trusses in the 1st story section of the garage wing were 4 panel Howe trusses spanning 21' out to out of exterior wall plates. The main wing second story roof had 4 panel scissors trusses spanning 23' out to out of exterior wall plates. The second story roof over the garage had 4 panel W trusses spanning 21' out to out of exterior wall plates. The entry porch and the small section of 1st story roof had 2x4 rafters @ 2' o.c. as did the valley fill between the garage wing and the main wing of the second story roof. These had a maximum span of 7'-6". The front entry porch had a 4x12 D.F. No. 2 support beam spanning 11'. The garage door was in the endwall of the garage. The existing roof was composition over 7/16" OSB. Roof slope was 5:12.

It is my finding that this structure is adequate for the following: 30lb. tarred felt installed over the existing sheathing; 1x2 batts; Lightweight concrete tile weighing 5.5 lbs./sq.ft..

NOTE: it is possible when reroofing that the changing loads to structural elements also supporting wall, ceiling and floor finishes could cause some minor cosmetic cracking of these finishes. This is typical of wood framed structures and does not of itself indicate structural inadequacy of these members.

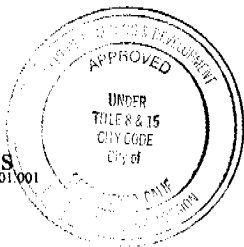
This report deals with the structural adequacy of roof supporting members that were readily observable. It does not address any structure that was covered by wall finishes, buried in the ground or was otherwise not observable. Any such structures were assumed to conform to standard construction specifications in the Uniform Building Code. Also, it does not address any existing deflection or warping of roof surfaces, nor is it guaranteed that any structural modifications that may be listed in this report will remove such deflections or warping. The repair of such deflections or warping to improve architectural appearance is at the option of the building owner and the roofing contractor.

This report has be prepared for the sole benefit of the individual to whom it is addressed. The use of or reliance on this report by any other individuals or entities without the expressed written consent of the above addressee and Schoen Engineering is forbidden. This does not preclude a licensed contractor acting as an agent for the addressee from using this report to obtain a building permit.

I would like to thank you for allowing me to provide my services in this matter. Please let me know if I may be of further assistance.

Sincerely,

Mark S. Schoen P.E.



MSS:mss
S-ENG2006VAE001.001

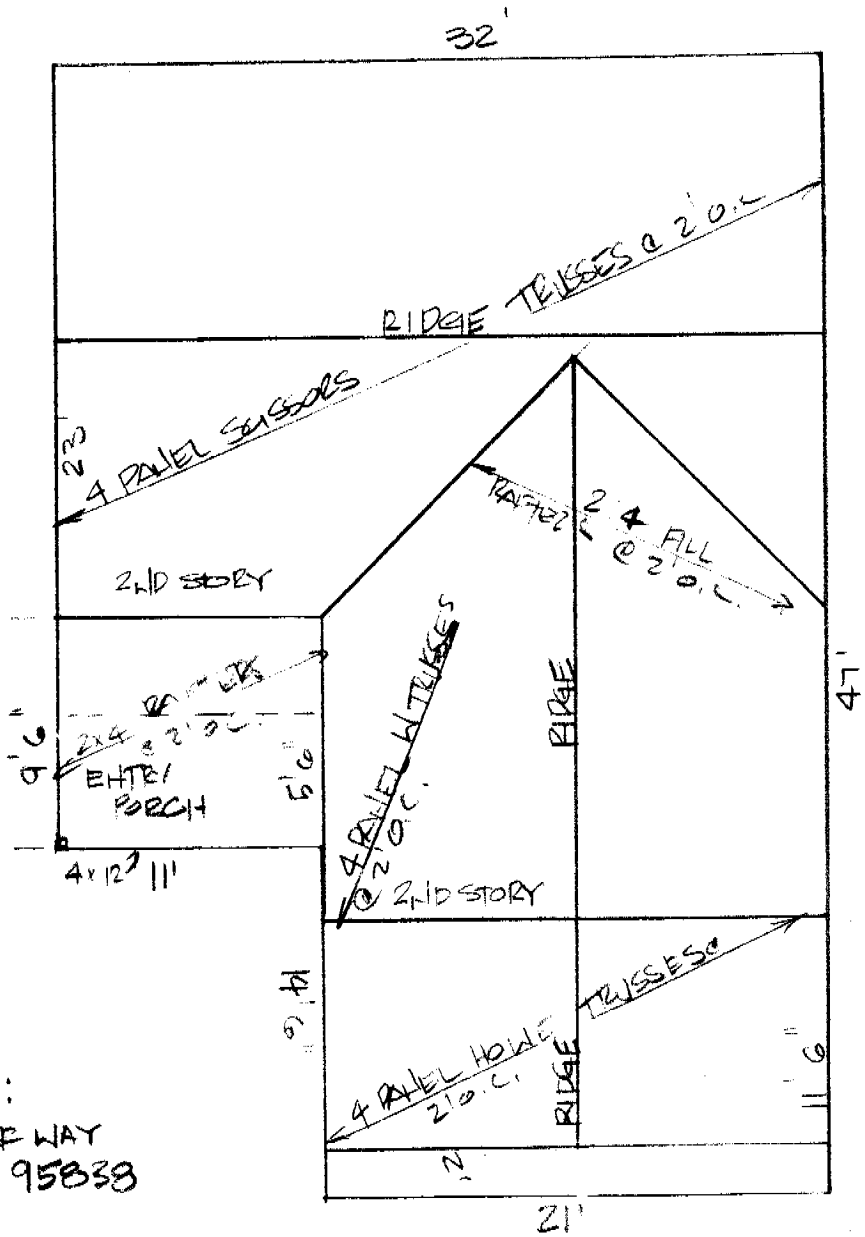
This set of plans and specifications kept on the job at all times and it is to make any changes or alterations in same without written permission from Building Inspection Division. The approval of this plan and specification SHALL NOT be held to permit or approval violation of any City Ordinance or

CITY COPY

APPROVED
 City of Sacramento Plan Review
STRUCTURAL
 MPR
 Signature _____ Date 10/15/06



NOTE! OVERHANGS ALL
 AROUND NOT SHOWN



ROOF PLAN FOR:
 9845 AMBER LEAF WAY
 SACRAMENTO, CA 95838

APPROVED
City of Sacramento Plan Review
STRUCTURAL

MPP 10/10/06
Signature Date

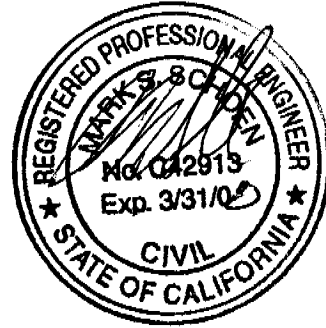
SCHOEN ENGINEERING

Client: Alan Erwin

Date: 09/05/06

Job No.: AE001

Job Title: Reroof @ 4845 Amber Leaf Way, Sacramento, CA 95838



Calculation for the required area, section modulus and moment of inertia for simple span wood beams. Dead load(DL) and Live load(LL) are in pounds per square ft., Spans(L) and Tributary load length or spacing(sp) are in ft., Areas are in sq.in., Section moduli are in inches cubed and Moments of inertia are in inches to the 4th power. Allowable stresses (Fy),(Fb),(Fv) are in lbs./sq.in. per 1991 U.B.C.(based on quality of lumber at time of construction).

FRONT PORCH BEAM

Superimposed dead and live loads:

Roofing dead load: DLt := 5.5 Live load: rll := 16 Rafter spacing: sp := 2

Rafter dead load: Rdl := $\frac{3}{sp}$ Skip shtg. dead load: skshtg := 0

Plywood dead load: ply := 1.5 Ceiling dead load: clg := 2.0 misl. dead load: msl := 0

Total dead load: rdl := DLt + Rdl + skshtg + ply + msl + clg rdl = 10.5

Roof trib area: rta := 7 Beam length l := 11 Total roof area: rta·l = 77

Floor dead load: fdl := 10 Floor live load: fll := 40 Total floor area: fta := 0

Beam weight per foot: Wdl := $11.25 \cdot \frac{3.5}{144} \cdot 35$ Wdl = 9.57

wt := rta·(rdl + rll) + fta·(fdl + fll) + Wdl

Fb := 1250 Cr := 1 Fbp := Fb·1.25 Fbp = 1.563·10³ Ew := 1800000 Fv := 95·1.25

A min. required =

$$\frac{1 \cdot wt}{Fv} \cdot \left(\frac{3}{2}\right) = 13.552$$

S min. required =

$$wt \cdot l^2 \cdot \frac{1.5}{Fbp} = 22.659$$

I min. required =

$$5 \cdot wt \cdot \frac{(1 \cdot 12)^4}{12 \cdot 384 \cdot Ew \cdot l \cdot \frac{12}{240}} = 64.91$$

Check Beam properties:

CF := $\left(\frac{12}{d}\right)^{\frac{1}{9}}$ w := 3.5 d := 11.25
 A := w·d S := w·CF· $\frac{d^2}{6}$ I := w· $\frac{d^3}{12}$ Stiffw := 1·Ew

- A = 39.375 > 14 S = 74.359 > 23 I = 415.283 > 65 therefore O.K.