

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0105269
Insp Area: 4

Site Address: 55 TUNDRA WY SAC
Parcel No: 225-0660-038

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

CONTRACTOR

OWNER

ARCHITECT

GUITERREZ
55 TUNDRA WY
SAC CA 95763-0944

Nature of Work: 20 SQ T/O RESHEET REROOF W 25 YR DIM LAM COMP MIN

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 4-26-21 Owner Signature *James A. Stewart*

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 4-26-21 Applicant/Agent Signature *James A. Stewart*

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 *Exempt* 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 4-26-21 Applicant Signature *James A. Stewart*

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) YES
2. I (have/have not) have 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
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

X Signed [Signature]

X Job Address 55 Tundra Way

X Date 4-26-01

Permit No: _____

2 different sites

Date of Request: 7.6.01
By: _____

CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION
PLANNING AND ZONING INFORMATION REQUEST

Project Address: [redacted] / 35 stamped Ct
Assessor's Parcel Number: [redacted] 225-0401-022
Previous Use: SF - SF

Description of Request/Proposed Use: received approval to use 25 year lam dim comp. wants to change to terra cotta tile roof (bot addresses)

Is This a Change of Use? no
Zoning Designation: n/a
Prior Applications for Project Site(P#, Z#, DRPB#): none n/a

Comments: Okay to use terra cotta tiles instead of 25 yr lam dim comp

Are There Any Planning Issues?: (circle one) YES NO

- * Staff Site Plan Check Required? (Circle one) YES NO
- * Field Inspection Required? (Circle one) YES NO
- * Design Review/Preservation Required?: (Circle one) YES NO

Planning Review by/Date: [signature] 7.6.01.

A list of items that must be reviewed by Planning is provided on the reverse side of this form.

MICROFILM AFTER FINAL

GREGORIN DESIGN & ENGINEERING
9469 FORT WORTH WAY
SACRAMENTO, CA 95827

PH/FAX: 916.362.3230
PGR: 415.210.4080

ISSUED

JUL 07 2001

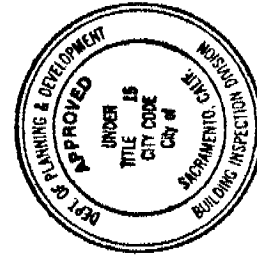
Sacramento Building Division

RESIDENTIAL ROOF INSPECTION
55 TUNDRA WAY
SACRAMENTO, CA

Date: July 06, 2001
For: Aguirre Roofing
3515 Binghampton Drive
Sacramento, CA 95834



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 Inspection Division.
The approval of this plan and specification SHALL NOT be held to permit or approve the violation of any City Ordinance or State Law.



Disclaimer:

The sole purpose of this report is to visually inspect the general conditions of the construction of the existing roof and to determine it's structural adequacy for supporting the roof loads of the newly proposed roofing work.

The roofer will assume the responsibility to verify and repair any wood he witnesses during the course of his work showing any evidence of deterioration (dry rot, termite infestation). No testing and/or samples were taken during my inspection and thus no warranties or guarantees regarding the condition of the existing materials is expressed. The Engineer of Record of this report will not assume any liability associated with any claims related to damage resulting from deteriorated wood present in the existing house or damage related to the roofing work performed.

I, Frank L. Gregorin, P.E., has visually inspected readily accessible areas of the roof structure of the residence located at 55 Tundra Way, Sacramento, California for Jose Aguirre, Owner of Aguirre Roofing, in compliance with Sacramento City Code, Section 9.03.146 (D) 3).

The structure is a single family one to two story house built in the early to mid 1970's and it's roof structure is conventional framing comprized typically of 1x skip sheathing over 2x8 rafters at 24"o.c. spanning no more than 20'. The eaves do not exceeding 3'-0". The existing timber that I visually inspected showed no visible signs of distress or deterioration and is deemed to be in sound condition.

It is my professional opinion that the existing roof structure with it's relatively strong rafter system in good condition should adequately support the addition of "lightweight" tile (560#/square). Following are some calculations in support of this opinion.

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The weight of the revised roof assembly will consist of:

(e) 2x8 @ 24" o.c.	1.20 psf
(e) 1x6 skip sheathing	0.30 psf
(n) 1/2 CDX Plywood sheathing	1.50 psf
(e) 1/2" ceiling drywall	2.50 psf
(n) light-weight tile (580#/sq.)	5.80 psf
sum =	11.30 psf
	x 12.65/12 (4:12 slope adjustment)
	11.9 psf, use 12 psf

Check strength of typical 2x8 rafter at 24" o.c. for maximum span of 20' (assume DF No.1 minimum).
Using pre-1994 timber stress values which is present in this house. Reference 1988 U.B.C.

$$F_b \text{ repetitive member use} = 2050 \text{ psi}, 2050 \times 1.25 \text{LDF} = 2562.5 \text{ psi}$$

$$V = 20' / 2 \times (12 + 16) \text{ psf} \times 2' = 560 \# \quad f_v = 560 \times 1.5 / 10.875 = 78 \text{ psi} < 95 \text{ psi} \times 1.25$$

$$M = 2' (12 + 16) \text{ psf} \times 20' \times 20' / 8 = 2800 \# \text{ ft} \quad f_b = 2800 \times 12 / 13.14 = 2557 \text{ psi} < 2562.5 \text{ psi}$$

therefore O.K.

Check strength of overhang for maximum span of 3'-0" with 2x4 rafters at 24" o.c. maximum where may be occurring (assume DF No.2 minimum)

(e) 2x4 min. @ 24" o.c.	0.56 psf
(e) 2x decking or (n) plywd. o/ 1x shthg	4.50 psf
(n) light-weight 580# per square tile	5.80 psf
sum =	10.86 psf
	x 12.65/12 (4:12 slope adjustment)
	11.45 psf, say 12 psf

$$\text{Distributed Load} = (12 \text{ psf DL} + 16 \text{ psf LL}) (2' \text{ spacing}) = 56 \text{ plf}$$

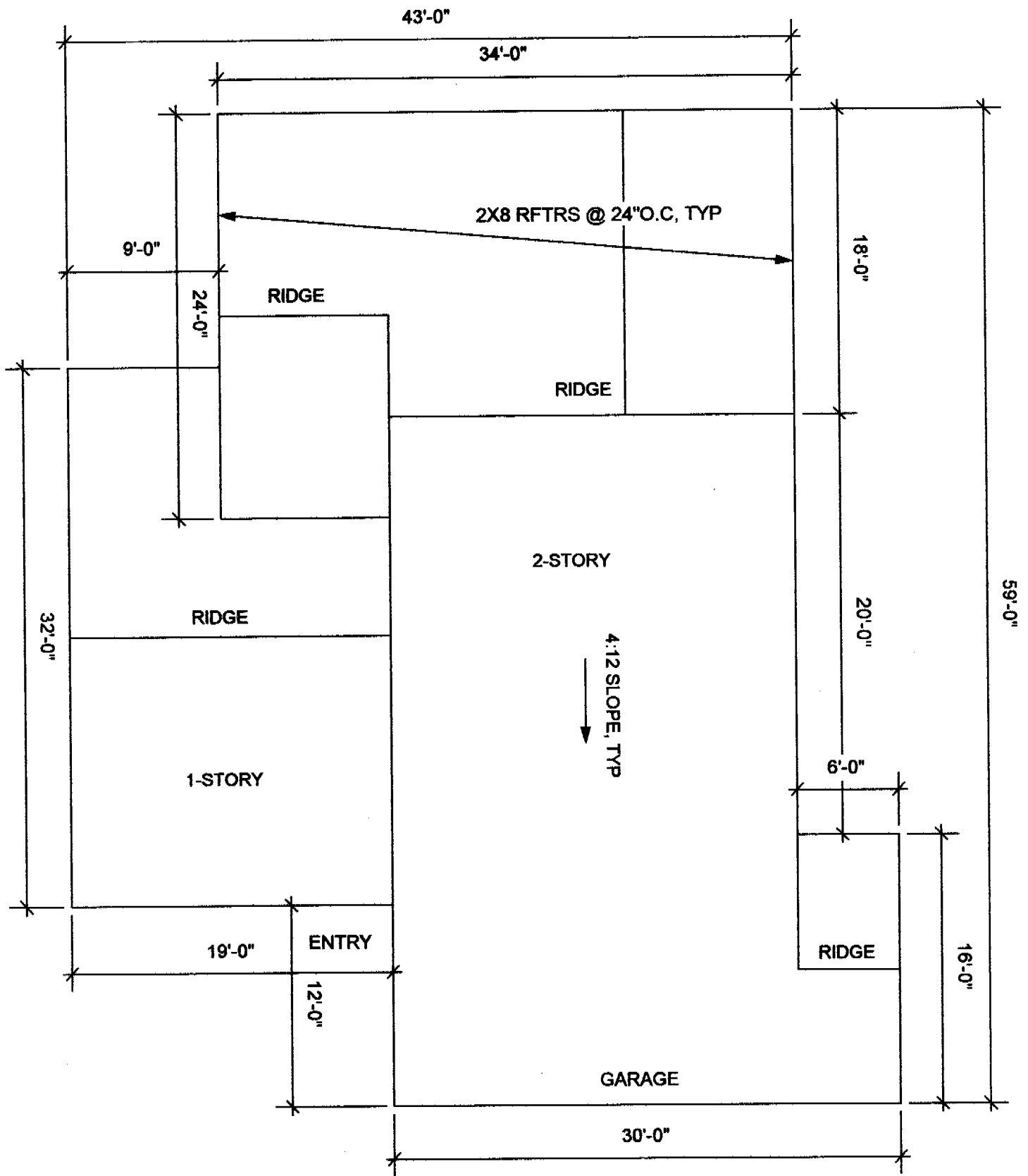
$$V_{\text{max}} = (1.5) (56 \text{ plf}) (3') = 252 \#$$

$$f_v = (252 \#) / (5.25 \text{ sq. in.}) = \underline{48 \text{ psi}} < \underline{118.75 \text{ psi}} \Rightarrow F_v = 95 \times 1.25 \text{LDF}$$

$$M_{\text{max}} = (56 \text{ plf}) (3') (3'/2) = 252 \# \text{ ft}$$

$$f_b = (252 \#) (12 \text{ in/ft}) / (3.0625 \text{ in}^3) = \underline{988 \text{ psi}} < \underline{1093 \text{ psi}} \Rightarrow F_b = 875 \times 1.25 \text{LDF}$$

Therefore strength of existing 2x4 min. eave rafters @ 24" o.c. max. w/ 3'-0" max. span
therefore O.K.



ROOF PLAN
55 TUNDRA WAY