

**CITY OF SACRAMENTO**  
1231 I Street, Sacramento, CA 95814

**Permit No: 0011993**  
**Insp Area: 1**

**Site Address: 5823 CALLISTER AV SAC**  
Parcel No: 005-0161-028

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

CONTRACTOR

OWNER  
BILL SAECK  
5823 CALLISTER AV  
SACRAMENTO CA 95819

ARCHITECT

**Nature of Work: CONVERT 72 SQ FT OF SUNROOM TO LIVING QUARTERS.**

**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.

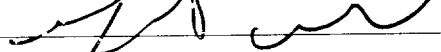
License Class \_\_\_\_\_ License Number \_\_\_\_\_ Date \_\_\_\_\_ Contractor Signature \_\_\_\_\_

**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.)

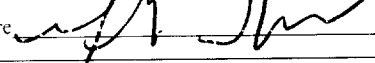
I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

I am exempt under Sec. \_\_\_\_\_ B & PC for this reason: \_\_\_\_\_

Date 10/13/00 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 11/13/00 Applicant/Agent 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 **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 10/13/00 Applicant 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.**

Date of Request: \_\_\_\_\_

By: \_\_\_\_\_

**CITY OF SACRAMENTO DEVELOPMENT SERVICES DIVISION  
PLANNING AND ZONING INFORMATION REQUEST**

Project

Address: 5823 CALLISTER AVE

Assessor's Parcel Number: 005-0161-028

Previous Use: SFD

Description of Request/Proposed Use: SAME

Is This a Change of Use? NO JUST TO RAISE FLOORING

Prior Applications for Project Site(P#, Z#, DRPB#): NONE Zoning Designation: R-1

Comments: NO PREVIOUS ENTITLEMENTS

NOT IN DESIGN REVIEW

NO SITE PLAN NOT AN ADDITION

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: Michael York 10-6-00

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

MICROFILM AFTER FINAL

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) no
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 TBA 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 5823 CALLISTER AVE

X Date 10/13/00

Permit No: 0011993

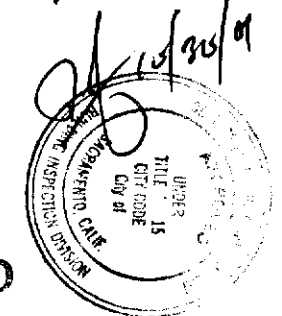
5823 CALLISTER AVE  
 New PURLINS for Exist Rafters  
 in Bath & Sunroom Addns @ rear of  
5823 CALLISTER AVE  
 Sacramento (city) CA

0011993 of 2  
 Charles O. Greenlaw  
 Structural Engineer  
 4208 B Street  
 Sacramento, CA 95819  
 (916) 457-6022

GMC Construction, client.  
 (job contractor to owner)

- Exist Roof frmg of Covered Porch remains; walls added to enclose & form two rooms.
- Exist rafters: 2x4 @ 24"oc, 9'-9" span

4.0	Comp shingle rfg.	} - exist
2.3	1x board solid shtg	
0.4	insul (added)	
2.8	GB clg shtg	- exist, or new.
0.8	2x4 @ 24"	- exist
0.7	misc	
<hr/>		
11.0	psf DL	
20.0	psf LL for < 4:12 pitch	
<hr/>		
31.0	psf TL	



ISSUED  
 OCT 30 2001

SHALL NOT be held responsible for the violation of any City Ordinance or State Law.  
 The approval of the plan and specification is based on the information provided. The Building Inspection Division does not make any other inspection or investigation. The same without written permission from the Building Inspection Division.

Rafters w/o purlins: 9.75' span @ 2' x 3" psf = 62 plf  
 $M = 62 \times \frac{9.75^2}{8} = 737 \#'$  @ TL = 248 psi for 1 3/8" x 3 5/8"  
 - N.G. for DL + LL, but @ 881 psi for DL: no failure

Purlin added over SUNROOM

shaped 6x10 #1 DF  
 Span = 13'-10"  
  
 $A = 47 \text{ in}^2$   
 $S = 65 \text{ in}^3$   
 $I = 294 \text{ in}^4$

Load =  $\frac{9.75'}{2} \times 31 \text{ psf}_{TL} + 16 \text{ plf} = 167 \#'$   
 end R = 1156# Ved = 1055#  $\rightarrow f_v = 34 \text{ psi}$   
 $M = 167 \#'$  x  $\frac{13.83^2}{8} = 3996 \#'$   
 $f_b = 738 \text{ psi}$  -OK  
 1.0 TL  $\Delta = 0.31" = L/538$  -OK ✓

(also OK if rafter continuity over Purlin acts fully)

Purlin Added over BATH @ Laundry Nook

5'-4" net span over opening - balance @ ends (2'-2" @ 2'-0") supported on infill stud walls. Trimmers bear on floor joists.

$$\text{Load} = 167 \#/\text{ft}$$

$$V_{ed} = 167 \times 2.27' = 380 \#$$

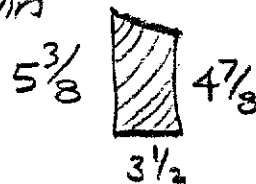
$$f_v = 32 \text{ psi} \quad \underline{\text{OK}}$$

Shaped 4x6 purlin

$$A = 17.94 \text{ in}^2$$

$$S = 15.0 \text{ in}^3$$

$$I = 38 \text{ in}^4$$



$$M = 167 \times \frac{5.33^2}{8} = 593 \# \cdot \text{ft} \rightarrow f_b = 475 \text{ psi} \quad \underline{\text{OK}}$$

$$1.0 \text{ TL } \Delta = 0.05" = L/1288 \quad \underline{\text{OK}}$$

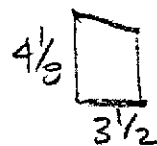
[ Also OK considering rafter continuity over purlin (=20% higher load & stresses) ]

Auxiliary purlin supporting diag. joists over

Laundry machines : 6'-5" span

(a) OK by comparison - little load

(b) not needed for rafter support

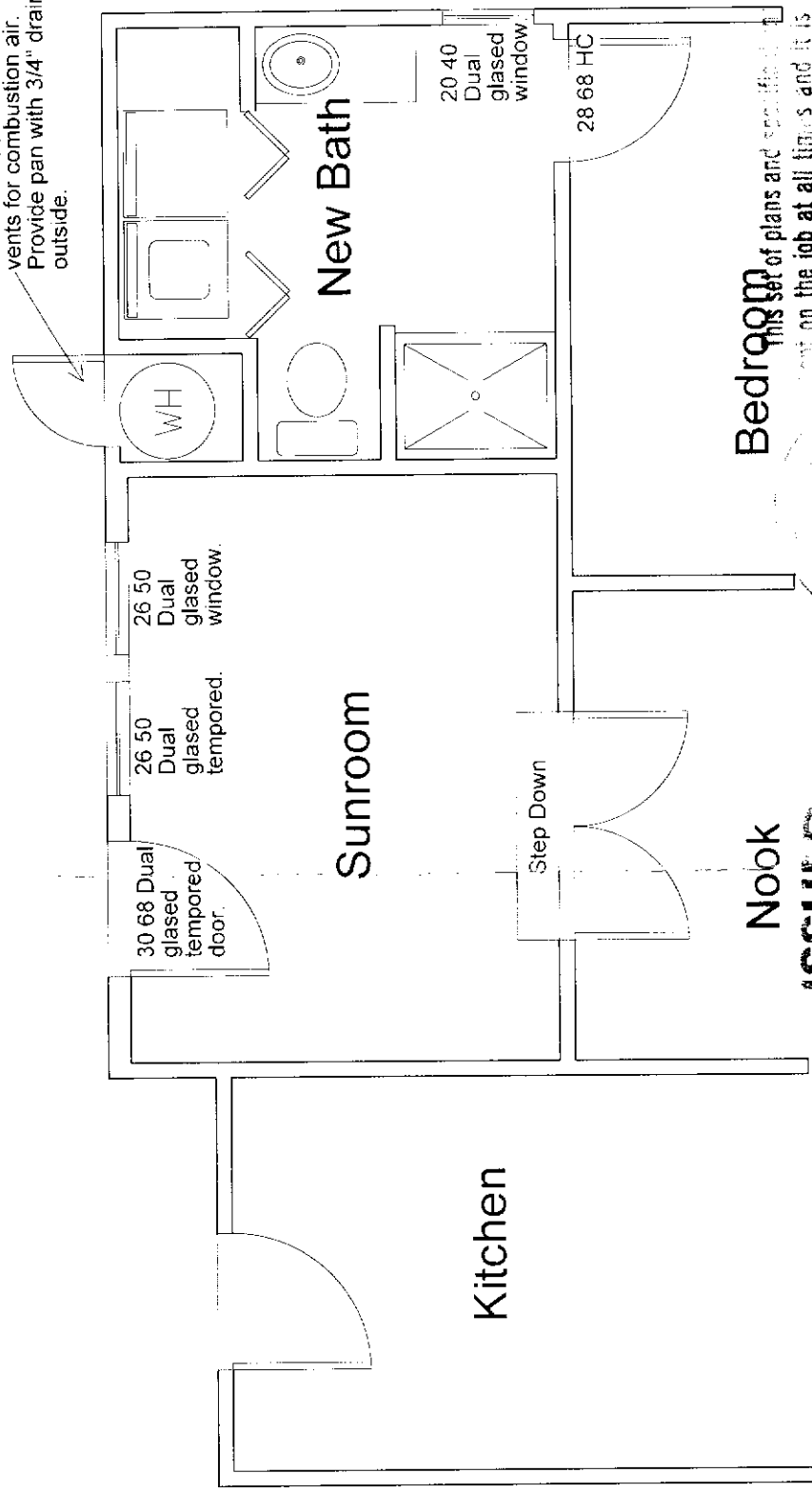


CONCLUSION : All 3 Added Purlins under Rafter are OK, @ modest stress & deflection.

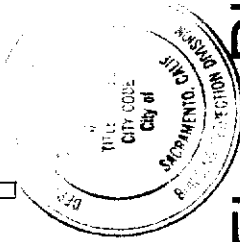
①

0011993  
5823 CALLISTER AVE

Relocate waterheater. Install door with upper and lower vents for combustion air. Provide pan with 3/4" drain to outside.



Bedroom  
This set of plans and specifications is to be used only on the job at all times and it is the responsibility of the contractor to have any changes or alterations from the original plans without written permission from the Building Department.



OCT 04 2001

Sacramento Building Division

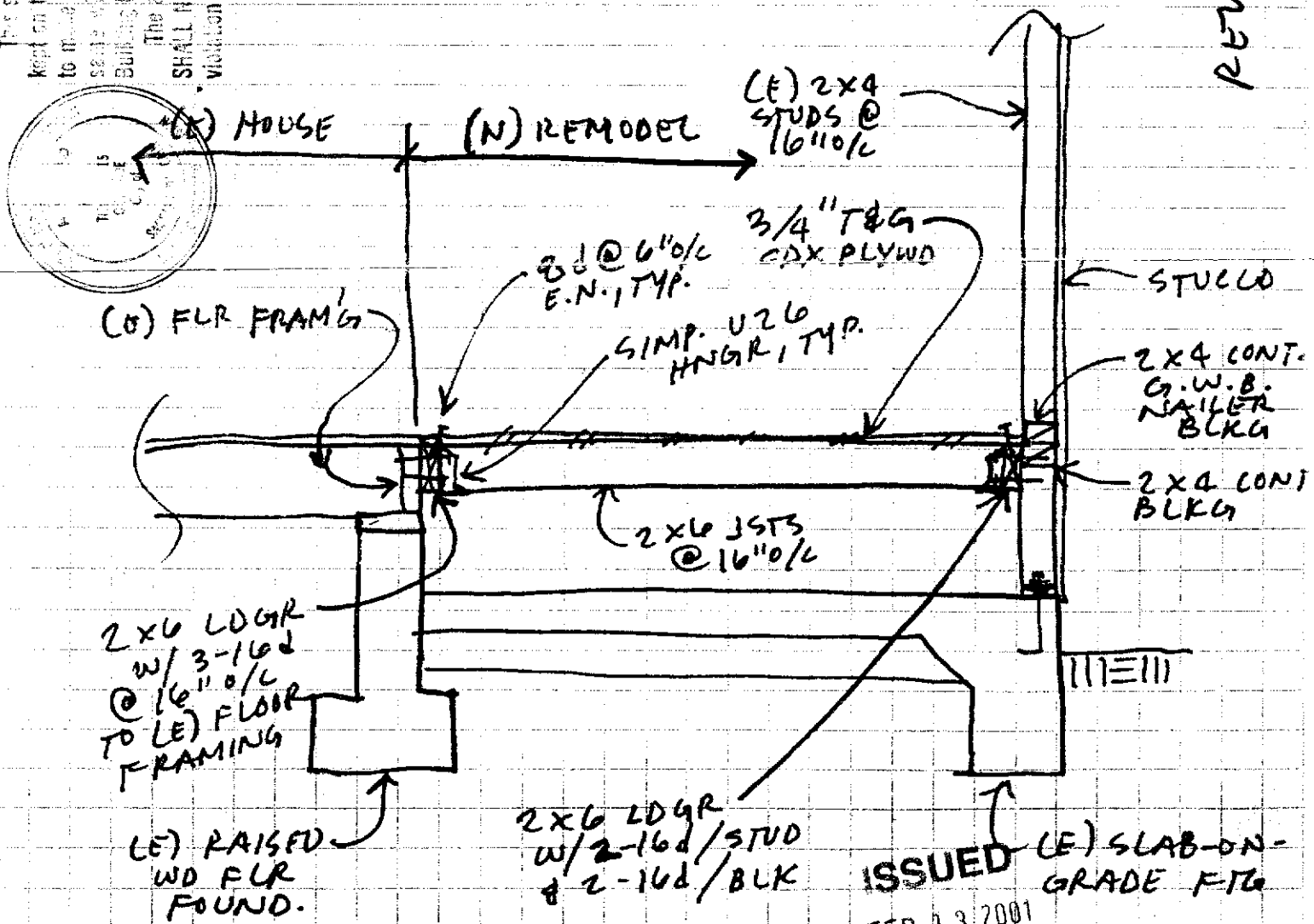
5823 Calliser Ave. Revised Floor Plan. *Lead* 10/4/01  
Scale 1/4" = 1'0"

AREA 1  
 PERMIT # 001993 R  
 5823 CALLISTER AVE

REVIEWED BY: [Signature] 2/13/01

The set of plans and specifications must be kept on the job at all times and it is unlawful to modify, alter, or amend the same without written permission from the Building Department.  
 The approval of this plan and specification SHALL NOT be held to permit or approve the violation of any City Ordinance or State Law.

REVISION TO (E) PLANS  
 ALTERNATE FOUNDATION  
 FLR FRAMING DETAIL



ISSUED FEB 13 2001  
 Sacramento Building Division  
 (E) SLAB-ON-GRADE FTG