

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0009554
Insp Area: 1

Site Address: 1341 45TH ST SAC
Parcel No: 008-0272-019

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

CONTRACTOR
IRH I DAVID A
2791A DEL MONTE STREET
WEST SACRAMENTO 95691

OWNER
ARTHUR & SUSAN SAVAGE
1341 45TH ST
SACRAMENTO CA 95825

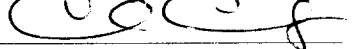
ARCHITECT

Nature of Work: INTERIOR REMODEL

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 B License Number 630516 Date 8-26-00 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 3 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.)

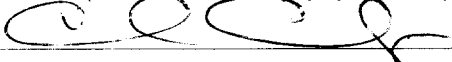
I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s)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

I am exempt under Sec _____ B & PC for this reason: _____

Date _____ 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 8-26-00 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 CAI-IMDEMNITY INSURANCE Policy Number N505109C Exp Date 10/01/2000

(This section need not be completed if the permit is for 30 days or less.) I hereby affirm under penalty of perjury 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 8-26-00 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.

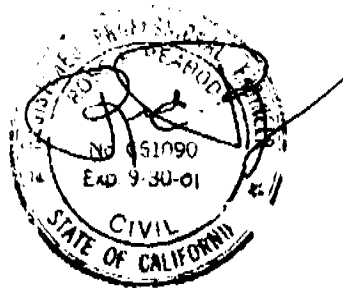
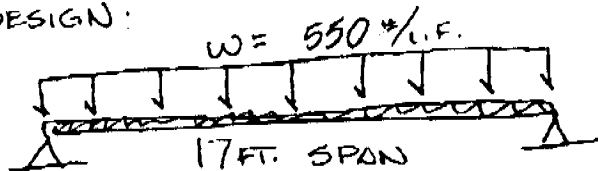
THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.



Peabody Engineering
1700 Alhambra Blvd., Suite 102
Sacramento, CA 95816

SAVAGE RESIDENCE:
1341 45TH STREET

BEAM DESIGN:



LOAD: FLOOR LOAD DEAD + LIVE = 50 #/L.F.

TOTAL S.F. ON BEAM = 12 S.F./L.F.

$W = 50 \#/S.F. (12 S.F./L.F.) = 550 \#/L.F.$

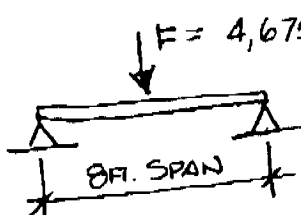
$$M_{MAX} = \frac{WL^2}{8} = \frac{550 \#/L.F. (17 FT.)^2}{8} = 19,869 \text{ FT.-}\#$$

$$S = \frac{19,869 (12)}{2500 \text{ PSI}} = 95.4 \text{ in.}^3$$

$$S_{PER \text{ MICRO-LAM}} = \frac{95.4 \text{ in.}^3}{4} = 23.8 \text{ in.}^3, \text{ OK!}$$

USE 4 GLUED 12" x 1 3/4" MICRO-LAMS

CHECK BEAM IN BASEMENT: $F = 550 \#/L.F. (8.5 FT.) = 4,675 \#$



$$M_{MAX} = 4 \text{ FT.} (4,675 \#) = 18,700 \text{ FT.-}\#$$

$$S_{REQ.} = \frac{18,700 \text{ FT.-}\# (12)}{1750 \text{ PSI}} = 128.2 \text{ in.}^3 < 142.9 \text{ in.}^3, \text{ SO OK!}$$

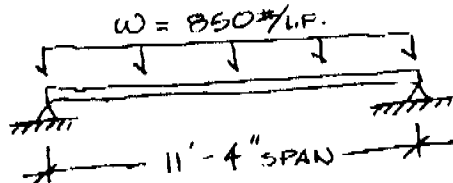


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1700 Alhambra Blvd., Suite 102
Sacramento, CA. 95816

Savage Residence
1341 45th Street

ENTRY ARCH BEAM DESIGN:

FLOOR LOAD: $17 \text{ S.F./L.F.} \times 50 \text{ #/S.F.} = 850 \text{ #/L.F.}$



$$M_{\text{MAX.}} = \frac{wL^2}{8} = \frac{850 \text{ #/L.F.} (11.33 \text{ FT.})^2}{8} = 13,640 \text{ FT.-#}$$

$$S_{\text{REQ.}} = \frac{M_{\text{MAX.}}}{F_b} = \frac{13,640 \text{ FT.-#} (12 \text{ in./FT.})}{2000 \text{ psi}} = 81.8 \text{ in.}^3$$

SO 3 - 3 $\frac{1}{2}$ " x 9 $\frac{1}{4}$ " PARALLAMS ARE OK!

