

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0510141

Insp Area: 1

Thos Bros: 298A4

Site Address: 54 51ST ST SAC

Parcel No: 004-0053-001

over existing garage Z file Z04-142

Sub-Type: ASFR

Housing (Y/N): N

CONTRACTOR

PAUL MAHER
4916 SISKIYOU AV
SACRAMENTO CA 95820

OWNER

FORBES EMERSON KATERA
54 51ST ST
SACRAMENTO, CA 95819

ARCHITECT

Nature of Work: Add 2nd story art studio by owner 439sf no 2nd unit per plan'g

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 548775 Date 13 Sept 05 Contractor Signature Paul Maher

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, alter, improve, demolish, or repair any structure (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 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 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 hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 13 Sept 2005 Applicant/Agent Signature Paul Maher

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 229-01 UNIT0013842 Exp Date 01/01/2004

(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 13 Sept 2005 Applicant Signature Paul Maher

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.

PERMIT NO.

05701411

AREA NO.

112

WHEN CORRECTIONS HAVE BEEN MADE, CALL 808-7622 FOR REINSPECTION OF WORK

JOB LOCATION 54 51 ST ST

INSPECTION REQUESTED frame

THE UNDERSIGNED BUILDING PLUMBING MECHANICAL ELECTRICAL
INSPECTOR THIS DAY INSPECTED THIS STRUCTURE FOR THE REQUESTED INSPECTION AND FOUND THE
FOLLOWING VIOLATIONS OF CITY AND/OR STATE LAWS GOVERNING SAME:

frame OK shear off to
and exterior sheet insulation
is stalled all walls.

INSPECTOR *Richard Bello* DATE 6/6/06

BUILDING INSPECTIONS 808-5716

INSPECTOR'S COPY

PERMIT NO.
051014

CITY OF SACRAMENTO
2101 ARENA BLVD, #200
BUILDING INSPECTIONS DIVISION

AREA NO.
1R

WHEN CORRECTIONS HAVE BEEN MADE, CALL 808-7622 FOR REINSPECTION OF WORK.

JOB LOCATION 54 51ST ST

INSPECTION REQUESTED FRAME / STEEL

THE UNDERSIGNED BUILDING PLUMBING MECHANICAL ELECTRICAL
INSPECTOR THIS DAY INSPECTED THIS STRUCTURE FOR THE REQUESTED INSPECTION AND FOUND THE
FOLLOWING VIOLATIONS OF CITY AND/OR STATE LAWS GOVERNING SAME:

- 1) PREVIOUS ENGINEERS ALTER AS REQUESTED @
STEEL INSPECTION (ITEM #1)
- 2) WITH GFCI CIRCUIT SHALL HAVE NO OTHER
OUTLETS.
- 3) SEAL AROUND 2ND FLOOR LEAK @ LUMBER.
- 4) PLANTS CALL FOR RADIANT BARRER @ ROOF
STRUTS.
- 5) STEEL MARK EVERY 6" @ (2) 2X MEMBERS
WITH HOLD DOWNS.
- 6) START UNDER CLOSET BEAM & STRAP DOWN.
- 7) INSURE STEEL SIDE @ OVERBOARD BEARING STUDS
(1ST FLOOR BATH)

INSPECTOR *Alan Dink* 804-1784
DATE 5/31/06

BUILDING INSPECTIONS 808-5716

INSPECTOR'S COPY

PERMIT NO.
0510141

CITY OF SACRAMENTO
2101 ARENA BLVD, #200
BUILDING INSPECTIONS DIVISION

AREA NO.
1

WHEN CORRECTIONS HAVE BEEN MADE, CALL 808-7622 FOR REINSPECTION OF WORK.

JOB LOCATION 54 SI 51

INSPECTION REQUESTED Shear

THE UNDERSIGNED BUILDING PLUMBING MECHANICAL ELECTRICAL
INSPECTOR THIS DAY INSPECTED THIS STRUCTURE FOR THE REQUESTED INSPECTION AND FOUND THE
FOLLOWING VIOLATIONS OF CITY AND/OR STATE LAWS GOVERNING SAME:

① Type 2 shear wall at garage front
shall have #35' @ 8" oc to joist.
*Have engineer approve 4'6" shear length,
Letter calls for 5' @ #35 missing
Shear As garage side wall
② new shear into 2nd plate
see plan
AMS 5/31/06

INSPECTOR Paul Clayton 808 8950 DATE 5/29/06

BUILDING INSPECTIONS 808-5716

INSPECTOR'S COPY

Date: 1-30-06

JOB COPY CS Engineering

To: Mr. Paul Maher
General Contractor
4916 Siskiyou Avenue
Sacramento, CA. 95820

0510141

2420 K Street, Suite 220
Sacramento, CA. 95816
(916) 658-8600 (office)
(916) 658-8601 (fax)
(916) 690-1458 (cell)

Re: Field Clarification #1
Emerson Residence Addition
Sacramento, CA.

csengineering0704@sbcglobal.net

Dear Paul:

Per your request, CS Engineering is submitting this letter in response to the proposed framing modifications at the subject project. In particular, I shall address the revised header above the garage door and the revised shear wall layout (front of garage).

It is my professional opinion, based upon a review of the drawings and calculations, that the proposed framing modifications are structurally acceptable as long as the following criteria are met:

- According to the calcs (p.4) the (E) double 2 x 8 header (sim'l to 4 x 8) is structurally acceptable. However, a third 2 x 8 D.F. #2 shall be added to int. face of (E) header. Use 2-rows of 16d nails @ 12" o.c..
- In lieu of the two shearwalls at front of garage (2' + 3' of mark 2), a single shear wall (5' of mark 2) may be used. Add PHD6 to double stud each end of shear wall.

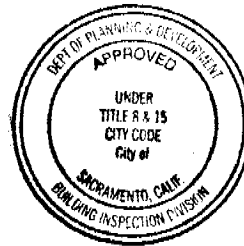
Please call if you have any questions/concerns regarding the items above. For your convenience, two additional, stamped and signed, copies are enclosed for review by the Building Inspector.

Sincerely,

Charles Sinkey Jr. S.E.



0510141



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.

CS Engineering

2420 K Street, Suite 220; Sacramento, CA. 95816
Phone (916) 658-8600 Fax (916) 658-8601

JOB Emerson Res.
SHEET NO. 21 OF 1
CALCULATED BY CP DATE 1/04
CHECKED BY _____ DATE _____
SCALE _____

LINE 3 (REVISED)

LATERAL

$$V_3 = 2862^* \quad \sigma_3 = V_3 / S' = 572 \text{ PSI} \quad \diamond 2$$

$$M_{OT} = 2862^* (9') = 25758' \text{--}^*$$

$$W_R = .67 [10 \text{ PSI} (9') + 15 \text{ PSI} (2') + 10 \text{ PSI} (.67)] (S')^2 / 2 = 1061' \text{--}^*$$

$$T = \underline{4939^*} \quad \underline{\text{PHD 6 TO PBL. STUD (5860^*)}}$$

Date: 1-30-06

To: Mr. Paul Maher
General Contractor
4916 Siskiyou Avenue
Sacramento, CA. 95820

Re: Field Clarification #1
Emerson Residence Addition
Sacramento, CA.

CITY COPY CS Engineering

2420 K Street, Suite 220
Sacramento, CA. 95816
(916) 658-8600 (office)
(916) 658-8601 (fax)
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csengineering0704@sbcglobal.net

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- In lieu of the two shearwalls at front of garage (2' + 3' of mark 2), a single shear wall (5' of mark 2) may be used. Add PHD6 to double stud each end of shear wall.

Please call if you have any questions/concerns regarding the items above. For your convenience, two additional, stamped and signed, copies are enclosed for review by the Building Inspector.

Sincerely,

Charles Sinkey Jr. S.E.



0510141

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

CS Engineering

2420 K Street, Suite 220; Sacramento, CA. 95816
Phone (916) 658-8600 Fax (916) 658-8601

JOB Emerson Res.
SHEET NO. 21 OF 1
CALCULATED BY CP DATE 1/04
CHECKED BY _____ DATE _____
SCALE _____

LINE 3 (REVISED)

LATERAL

$$V_3 = 2862 \# \quad v_3 = V_3 / s' = 572 \text{ PUF} \quad \diamond 2$$

$$M_{OT} = 2862 \# (9') = 25758 \text{'} \#$$

$$W_R = .67 [10 \text{ PUF} (9') + 15 \text{ PUF} (2') + 10 \text{ PUF} (.67)] (s')^2 / 2 = 1061 \text{'} \#$$

$$T = 4939 \# \quad \text{PHOLE TO DEL. STUD (5860 \#)}$$

Date: 5-30-06

To: Mr. Paul Maher
General Contractor
4916 Siskiyou Avenue
Sacramento, CA. 95820

Re: Field Clarification #2
Emerson Residence Addition
Sacramento, CA.

CS Engineering

2420 K Street, Suite 220
Sacramento, CA. 95816
(916) 658-8600 (office)
(916) 658-8601 (fax)
(916) 690-1458 (cell)

csengineering0704@sbcglobal.net

Dear Paul:

Per your request, CS Engineering is submitting this letter in response to the proposed framing modifications at the subject project. In particular, I shall address the revised shear wall layout (front of garage).

It is my professional opinion, based upon a review of the drawings and attached calculations, that the proposed framing modifications are structurally acceptable as long as the following criteria are met:

- In lieu of the two shearwalls at front of garage (2' + 3' of mark 2), a single shear wall (4'-6" of mark 2) may be used. Add PHD6 to double stud each end of shear wall.

Please call if you have any questions/concerns regarding the items above. For your convenience, two additional, stamped and signed, copies are enclosed for review by the Building Inspector.

Sincerely,


Charles Sinkey Jr. S



CS Engineering

2420 K Street, Suite 220; Sacramento, CA. 95816
Phone (916) 658-8600 Fax (916) 658-8601

JOB Emerson Res.
SHEET NO. R1 OF 1
CALCULATED BY GP DATE 1/06
CHECKED BY _____ DATE _____
SCALE _____

LATERAL

LINE 3 (REVISED)

$$V_3 = 2862 \# \quad v_3 = V_3 / 5' = 572 \text{ PLF} \quad \diamond 2$$

$$M_{OT} = 2862 \# (9') = 25758 \text{ Lb-ft}$$

$$M_R = .67 [10 \text{ PLF} (9') + 15 \text{ PLF} (2') + 10 \text{ PLF} (.67)] (5')^2 / 2 = 1061 \text{ Lb-ft}$$

$$T = 4939 \# \quad \text{PHDL TO PBL STUD (5860 \#)}$$

ACTUAL CONSTRUCTED WALL LENGTH = 5.5' = 4.5'

$$v_3 = V_3 / 4.5' = 616 \text{ PLF} \quad \diamond 2 \text{ STILL ADEQUATE.}$$

$$M_R = .67 [127] (4.5')^2 / 2 = 862 \text{ Lb-ft}$$

$$T = 5532 \# \quad \text{PHDL STILL ADEQUATE}$$