

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0103821
Insp Area: 4

Site Address: 1811 GARDEN HY SAC
Parcel No: 274-0420-003

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

CONTRACTOR

OWNER
O BRIEN MARK
5.01 FLORIN PERKINS DR
SACRAMENTO CA 95826

ARCHITECT

Nature of Work: REPLACE WINDOWS ADJACENT TO FIREPLACE WITH SLIDING GLASS DOORS & ADD 112 SF ON 2ND FLOOR WITHIN BLDG. SHELL.

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. 3997, Civil Code)

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 8 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 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, 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: March 30, 2001 Owner Signature: Mark O'Brien

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 above-mentioned property for inspection purposes.

Date: March 30, 2001 Applicant/Agent Signature: Mark O'Brien

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 _____ 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: March 30, 2001 Applicant Signature: Mark O'Brien

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

X Project Address 1811 Garden Highway

Assessor's Parcel Number 22-02-010-000

Previous Use _____

X Description of Request/Proposed Use Replace windows
add 112 sq. floor (2nd story)

Is This a Change of Use? No

Zoning Designation: F

Prior Applications for Project Site(P#, Z#, DRPB#): CR 00-050

Comments: Not subject to Design Review - no work
planned for subject. No change in footprint.
Structure existing structure is 3 stories

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 - 7 See above

Planning Review by/Date [Signature] 3-29-01

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) _____
2. I (have/have not) _____ 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 Geoff McCain Address 1748 40th Street 95819
City Sacto Telephone 452-2668
Contractors License No. 767932

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

Signed Marilyn O'Brien

Job Address _____

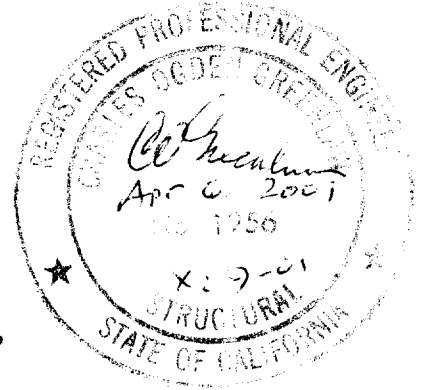
Permit No _____

1811 GARDEN HWY.
 Sacramento (City)
 O'BRIEN RES. 2nd Flr. Addn, etc.

pg 1 of 1
 4-6-01

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

Custom-Fabricated tie strap
 to splice Living Room South
 (rear) Exterior first story
 top plate where interrupted
 by existing GL Bm & new LVL
 reinforcement to that GL Beam.

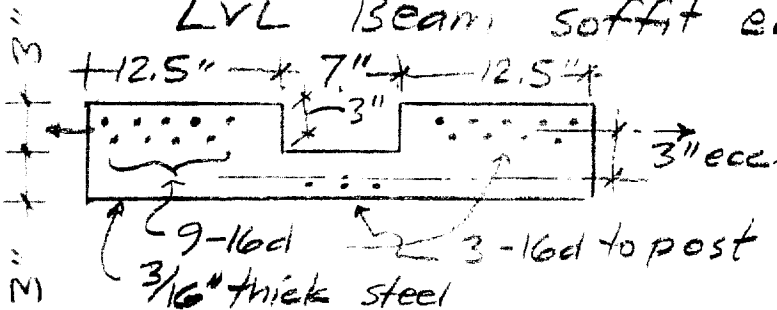


(1) Existing tie strap was thin-gage sheet metal with 5-10d ea end. It is no longer usable.

(2) New tie strap is cut from 3/16" thick plate (or 3/16" x 6 flat bar) and has 9-16d sinkers ea end. (16d sinkers = 10d commons for gage & value)

- Thus $\frac{9}{5} = 180\%$ increase in tie value over exist.

(3) New strap is cut away by 3" to clear GL & LVL Beam soffit edge. Check stress in steel.



Nails OK for 9 ea x 118# x 1.25
 $\times 1.33 = 1766\#$
 $P = 1766\#$
 $M = 1766\# \times 3\text{ecc} = 5297\#\text{in}$

throat area = $3\text{in} \times \frac{3}{16}\text{in} = 0.563\text{in}^2$

" Sect. Mod. = $\frac{3^2 \times \frac{3}{16}}{6} = .281\text{in}^3$

$$\frac{P}{A} + \frac{M}{S} = \frac{1766\#}{.563\text{in}^2} + \frac{5297\#\text{in}}{.281\text{in}^3} = 3,137 + 18,833 = 21,970\#/\text{in}^2$$

$$= 22\text{ ksi} - \text{OK}$$

(Allow stress = $1.33 \times 24\text{ ksi} = 31.9\text{ ksi}$)
 ordinary mild steel: A36 etc.

⇒ CONCLUSION: Strap is comfortably OK & well below yield.

Report of Structural Observation
pursuant to Bldg Code Sec. 1702
& at the designation of engineer. →

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

for Second Floor Addn, 1st story
rear exterior wall door &
window changes, etc.

at O'BRIEN RES, 1811 GARDEN HWY.
Sacramento (City)



1. Struct. Obsv. made on Tues AM
April 3, 2001, by C.O. Greenlaw,
when framing work 98% complete.

2. Results:

(a) Twist strap plate splice under (E) GL Beam &
(N) 14" deep LVL, @ rear exterior 1st story wall,
still needed to be installed.

(b) cluster of extra 10-16d @ ends of 14" LVL
to (E) GL Beam were not installed, but are
NOT necessary any longer because ea end of
the (N) LVL has been made to bear on a
2x trimmer stud, independently of the GL Bm.

(c) All other items of framing and connections
appear, by visual observation, to be correct
and in accordance with the approved plans.

(d) an existing 2x12 floor joist under 2nd Floor
Master Bath had to be cut away (in part) for
nail driving access to install the LVL to GL Bm.
A new length of 2x12 was installed OK.
Both of these 2x12's bear satisfactorily on
a new stud wall, which in turn bears on
the 10" structural slab that supports the whole
house. This unusual "foundation" is adequate
for this purpose.

End of Report