

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 0413143

Insp Area: 3

Thos Bros: 297D7

Sub-Type: HSG

Housing (Y/N): Y

Site Address: 2204 MARKHAM WY SAC

Parcel No: 013-0022-009

CONTRACTOR

OWNER

COMBS WALTER J/GLENDA L
2204 MARKHAM WY
SACRAMENTO CA 95818

ARCHITECT

Nature of Work: H040000603--LEGALIZE by permit carport to living space 485sf

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);

XWC 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: MAY 13 2005

Date _____ Owner Signature _____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant that the applicant has 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.

X Date 5/3/05 Applicant/Agent Signature *[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 _____ Policy Number _____ Exp Date _____

XWC (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.

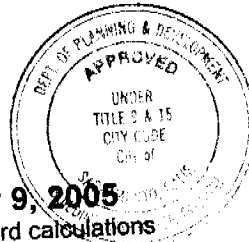
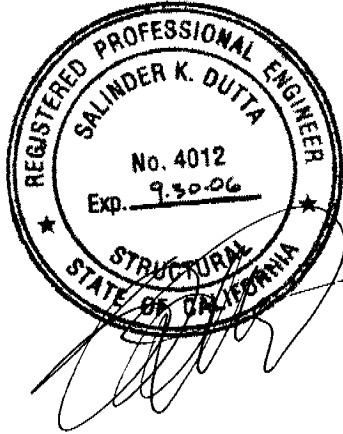
Date *X* 5/3/05 Applicant Signature *[Signature]*

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.

STRUCTURAL CALCULATIONS

Combs Residence
Project Location
2204 Markham way, Sacramento, CA

Client: Walt Combs 2204 Markham Way Sacramento, CA	Notes: Calculations in the package are for the lateral loads as required by plan check comments.
--	--



July 9, 2005
Discard calculations
bearing earlier dates.

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 Inspector's Office.
The approval of this plan and specification SHALL NOT be held responsible for any errors or omissions.

Page 1
Total sheets 5

REVISION to

04-13143

2204 MARKHAM way

min length & opening as specified.



Brace wall with $\frac{3}{8}$ " OSB/plywood w/ $8d @ 6, 12$ & $\frac{1}{2}$ " AF @ $6, 12$ along full length of ex PT sill plate

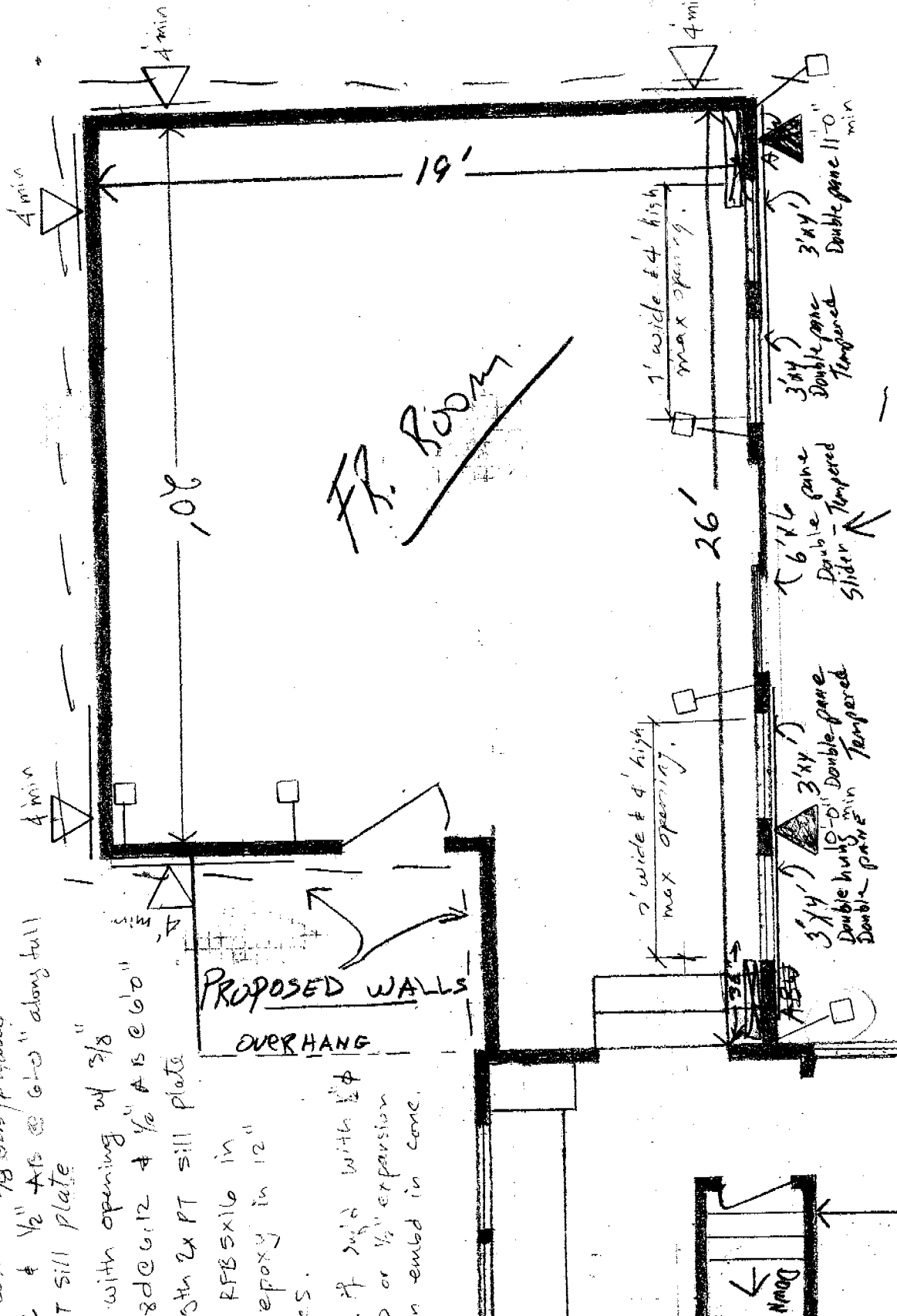


Shear wall with opening w/ $\frac{3}{8}$ " OSB/ply at $8d @ 6, 12$ & $\frac{1}{2}$ " AF @ $6, 12$ along full length ex PT sill plate



H-Tile w/ RFBX16 in Simpson ET epoxy in 12" deep holes.

Rebilit(re) AF. If void with $\frac{1}{2}$ " Simpson Titan HD or $\frac{1}{2}$ " expansion AF. w/ 5" min embed in conc.



~~FR. ROOM~~

PROPOSED WALLS
OVERHANG

Down

Project: CR

Client: WC Date: 7/05

By: SED Sheet No. 3 of

Lateral Loads:

$$w_w = 12.7 (9/16) = 60 \text{ plf}$$

$$w_{s1} = 0.17 (12(26) + 12(9)) = 75 \text{ plf}$$

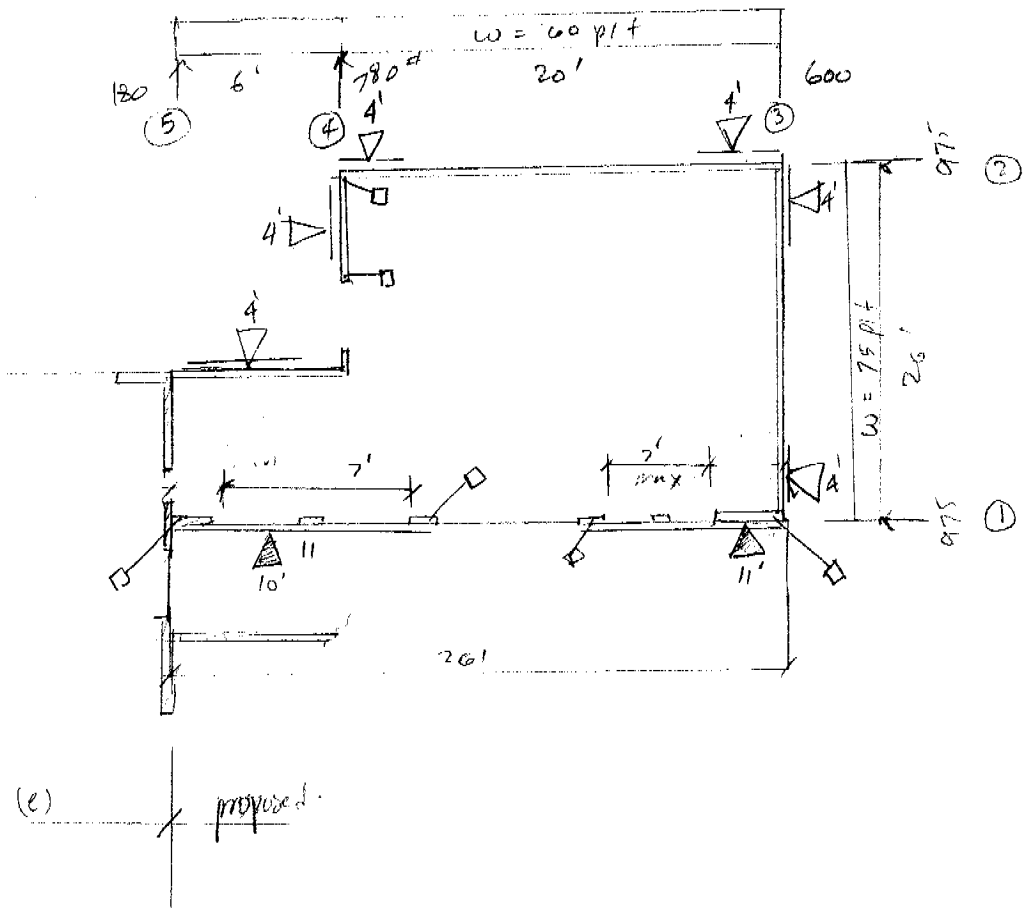
$$w_{s2} = 0.17 (12(26) + 12(9)) = 60 \text{ plf}$$

$$P_p = 1.3(0.67)(145)1.0$$

$$= 12.7 \text{ psf}$$

$$v = \frac{3.0(30)1.0}{4.5(1.0)} = 0.17$$

- ▽ - brace wall w/ 3/8" OSB w/ 8d @ 6, 12 w/ 1/2" AB @ 6' o.s.
- ▾ - shear wall w/ 3/8" OSB w/ 8d @ 6, 12 w/ opening as specified w/ 1/2" AB @ 6' o.s.
- - HTT 1/6 holddown w/ ET epoxy in 12" deep holes for 5/8" φ AB.



Project: CRClient: WC Date: 7/05By: SKD Sheet No. 4 of Shear wall along ①

$$V = 975 \#$$

$$v = 975 / 26 = 40 \text{ plf}$$

$$v_{sw} = 975 / 7 = 140 \text{ plf} < (240) 0.8 = 190 \text{ plf}$$

$$l_{sw} = (11-7) + (10-7) = 7'$$

$$A/B = 0.5 \quad (\text{perforated shear wall})$$

$$c_o = 0.8$$

Use 1/2" plywood/osb w/8 d @ 6, 12

$$t_{holdown} = \frac{975(8)}{0.8(7')} = 1400 \# < 3480 \#$$

Use HTT16 w/ RFB 5x16 in
12" deep ET epoxyBrace wall ② + ③

meets conventional brace wall criteria

Use 2-4' wall w/3/8" OSB ply w/8 d @ 6, 12

Project: CRClient: WC Date: 7/05By: SCD Sheet No. 5 of Shore walls along ⑦

$$V = 780^{\#}$$

$$l_{sw} = 4'-0''$$

$$v = 780 / 11 = 71 \text{ plf}$$

$$v_{sw} = 780 / 4 = 200 \text{ plf} < 260 \text{ plf}$$

Use 3/8 ocs/ply w/ 8d @ 6, 12

$$F_{wind} = \frac{780(9) - 0.9(12(9) + 12(20/12))^{3/2}}{4} = 1345^{\#} < 3480^{\#}$$

Use H-11C w/ RFB 5x16 in
12" deep ET epoxyShore walls along ⑤

(e) wall ok for addition small load of 180#
by inspection.