

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

PAID
CITY OF SACRAMENTO

Permit No: 0610641

Insp Area: 2
Thos Bros: 316J7

Site Address: 75 PARKLITE CR SAC
Parcel No: 030-0293-006

JUL 14 2006

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

NEIGHBORHOODS PLANNING
AND DEVELOPMENT SERVICES

CONTRACTOR

OWNER
KELLOGG THEODORE A/SYLVIA
75 PARKLITE CR
SACRAMENTO, CA 95831

ARCHITECT

Nature of Work: REPLACE WINDOWS IN LIV & FAM ROOM INSTALL NEW HEADERS

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 7/14/06 Owner Signature Sylvia Kellogg

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 7/14/06 Applicant/Agent Signature Sylvia Kellogg

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 7/14/06 Applicant Signature Sylvia Kellogg

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.



CITY OF SACRAMENTO

New City Hall
915 I Street, 3rd Floor
Sacramento, CA 95814

www.cityofsacramento.org
Help Line: 1-916-808-5656 OR 1-866-EZ-PERMIT
Inspection: 1-916-808-7622

North Permit Center
2101 Arena Blvd., Suite 200
Sacramento, CA 95834

OWNER BUILDER VERIFICATION

1. Check one below - I or my immediate family (parent, spouse, or child) will perform:

- A - [] all the work authorized by this permit.
B - [] a portion of the work.
C - [X] none of the work.

If B or C is checked, complete 2 or 3 below.

2. A State licensed contractor (*) will be hired to do:

- [X] all of the authorized work. [] a portion of the authorized work.

Name TBD Phone

Address

Type of Work

Name Phone

Address

Type of Work

Name Phone

Address

Type of Work

Name Phone

Address

Type of Work

3. [] I will utilize unlicensed person(s) other than my immediate family to perform all or portions of the authorized work. A Certificate of Workers Compensation must be on file at this office.

I declare under penalty of perjury that the above is true and correct. I have read and understand the owner-builder information on the reverse side of this form.

Signed: Property Owner Sylvia Kellogg (Printed name) Sylvia Kellogg (Signature)
Date 7/14/06 Case No. Permit No. 0612641
Job Address 75 Parkliffe Cir.

Note: * Information regarding unknown contractors or change in subcontractors shall be submitted to the Building Inspection field office.



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RESIDENTIAL APPLICATION

1-916-264-5656 OR 1-866-EZ-PERMIT

75 PARKLITE CIRCLE SACRAMENTO CA 95831

BUILDING SITE ADDRESS

SUITE

INSP. AREA

APN 030-0293-006

ASSESSOR'S PARCEL NO.

COMMUNITY PLAN NO.

PLAN CHECK NO.

| NAME OF APPLICANT | ADDRESS | ZIP CODE | PHONE NO. |
|---------------------------|--|----------|-----------|
| LICENSED CONTRACTOR | | | |
| CONTRACTOR'S LICENSE NO.: | | | |
| PROPERTY OWNER | Theodore A & Sylvia K Kellogg | | |
| ARCHITECT/ENGINEER | The Phillips Group - A Structural Engineering Firm | | |

| No. of Stories | No. of Rooms | Roof Covering | Area 1 st Floor | Total Area | Garage Area | Patio Area |
|----------------|--------------|---------------|----------------------------|------------|-------------|------------|
| | | | | | | |

THIS PERMIT IS FOR:

- BUILDING
 MECHANICAL
 PLUMBING
 ELECTRICAL
 SITE
 FIRE

NATURE OF WORK IN DETAIL

Replace existing window and door in living and family rooms with new larger double-paned low-E tempered glass windows and wooden door.

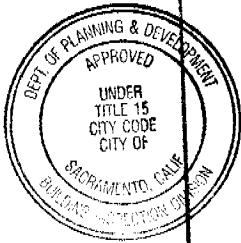
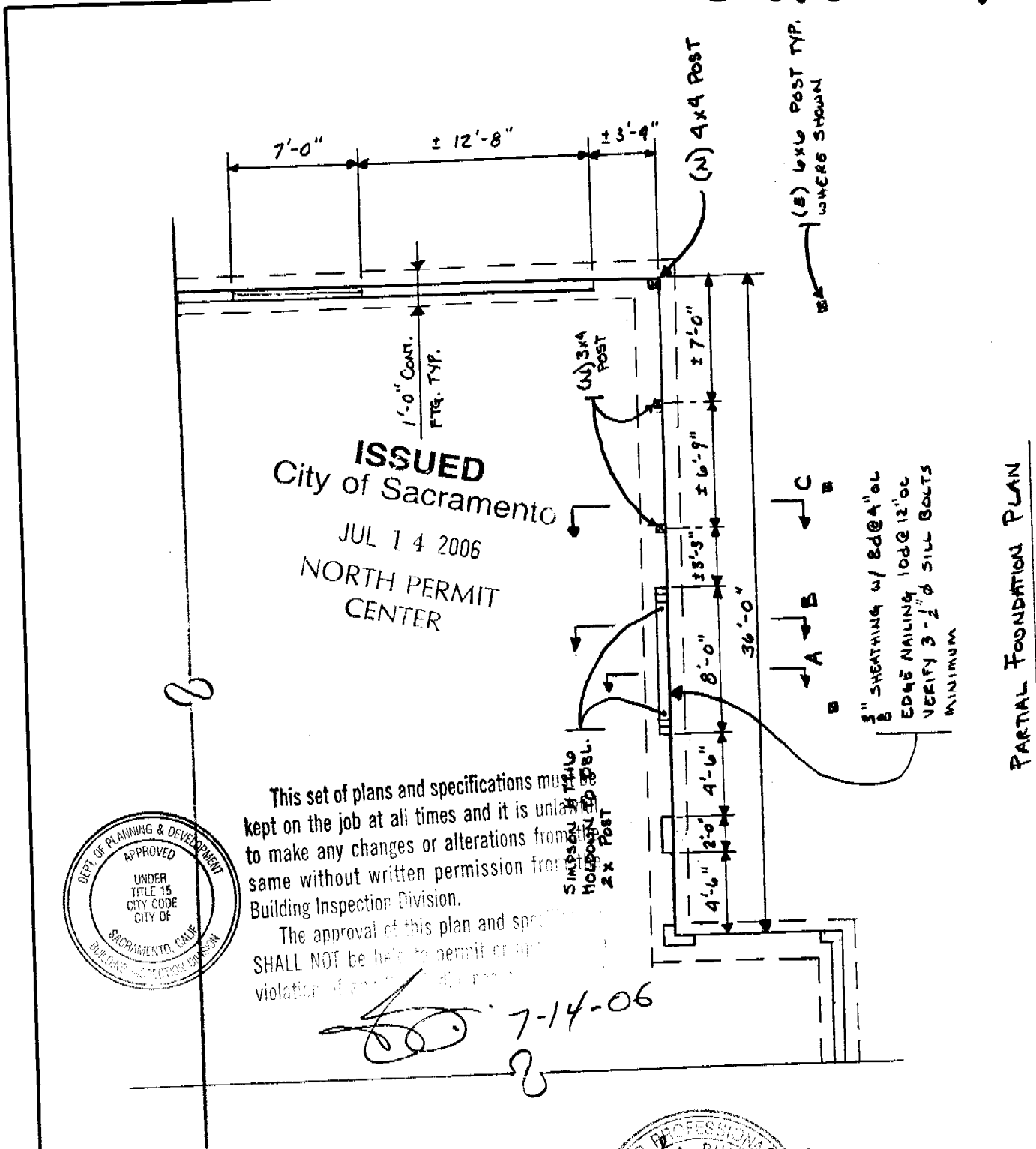
\$ _____
 VALUATION

the Phillips Group
 A Structural Engineering Firm
 10304 Placer Lane, Suite B
 Sacramento, CA 95827
 916/361-3871

KELLOGG RESIDENCE
 75 PARKLITE CIRCLE
 SACRAMENTO, CA

SHEET NO. 1 OF 6
 BY J.R. DATE 6/26/06
 JOB NO. 06109

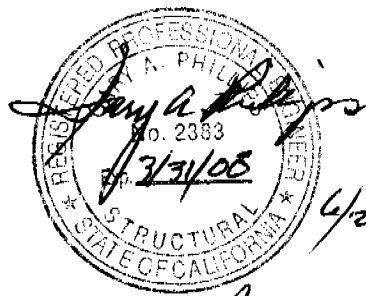
0610641



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 specifications SHALL NOT be held to permit or protect any violation of any applicable code.

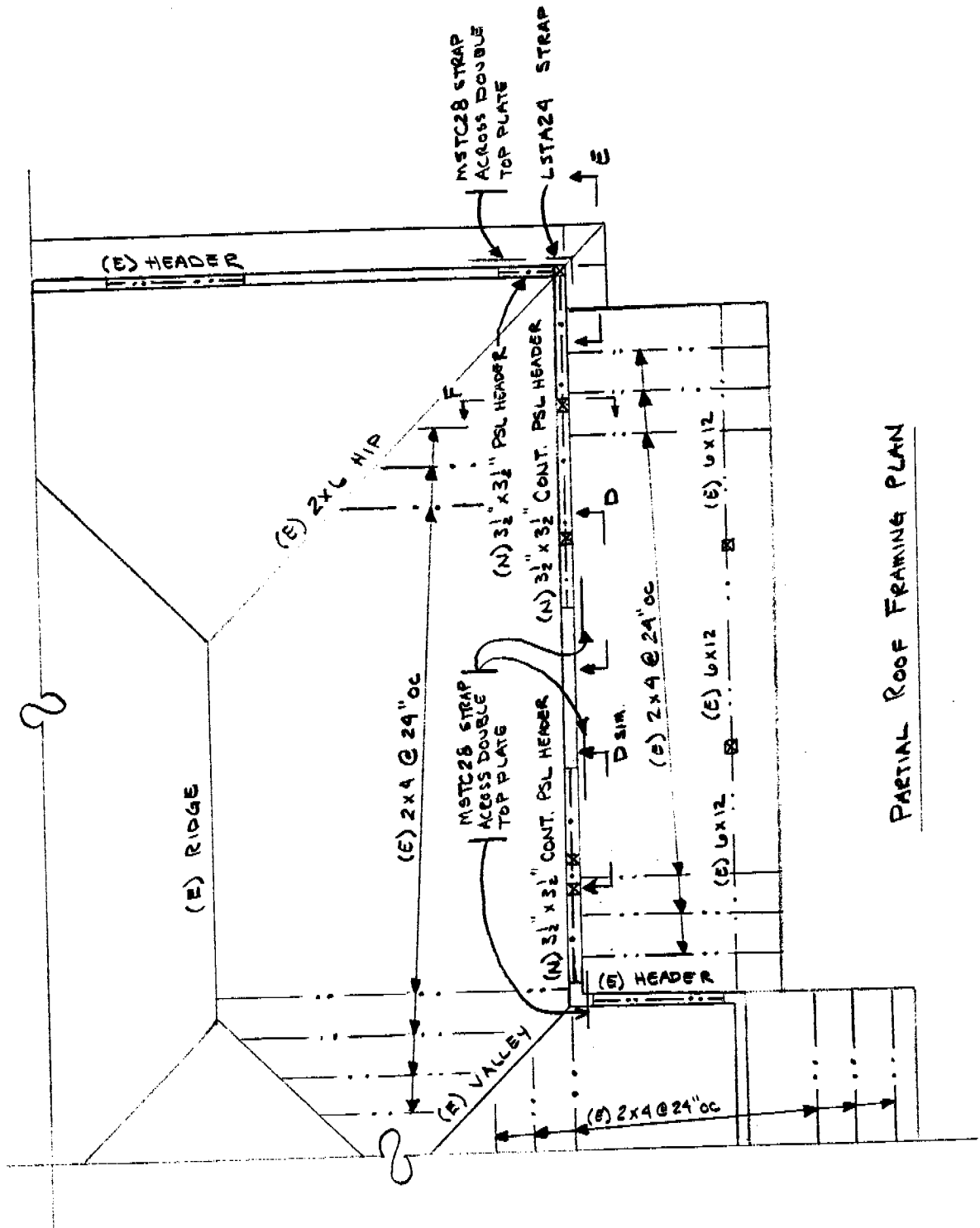
[Signature] 7-14-06



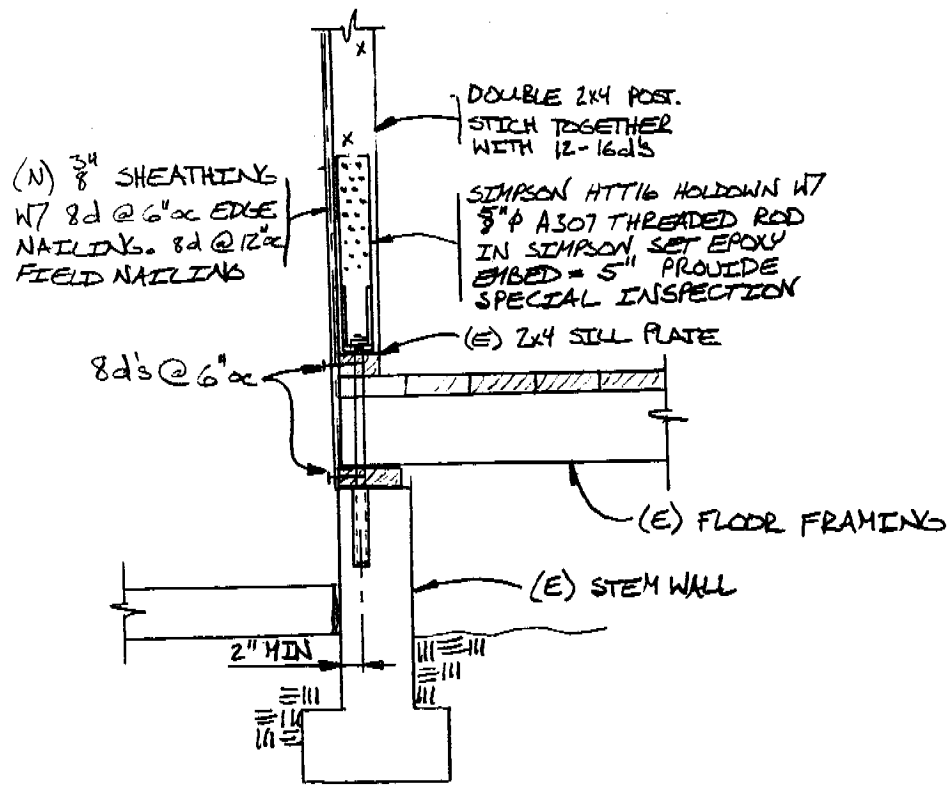
CITY COPY

75 PARK LITE CR *for page 1 thru 6*

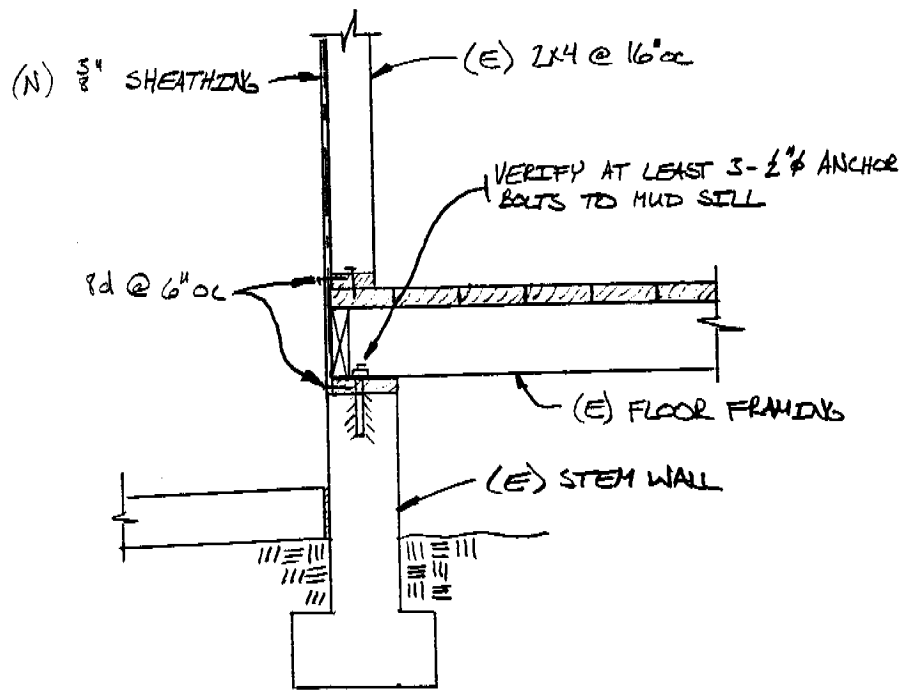
PARTIAL FOUNDATION PLAN



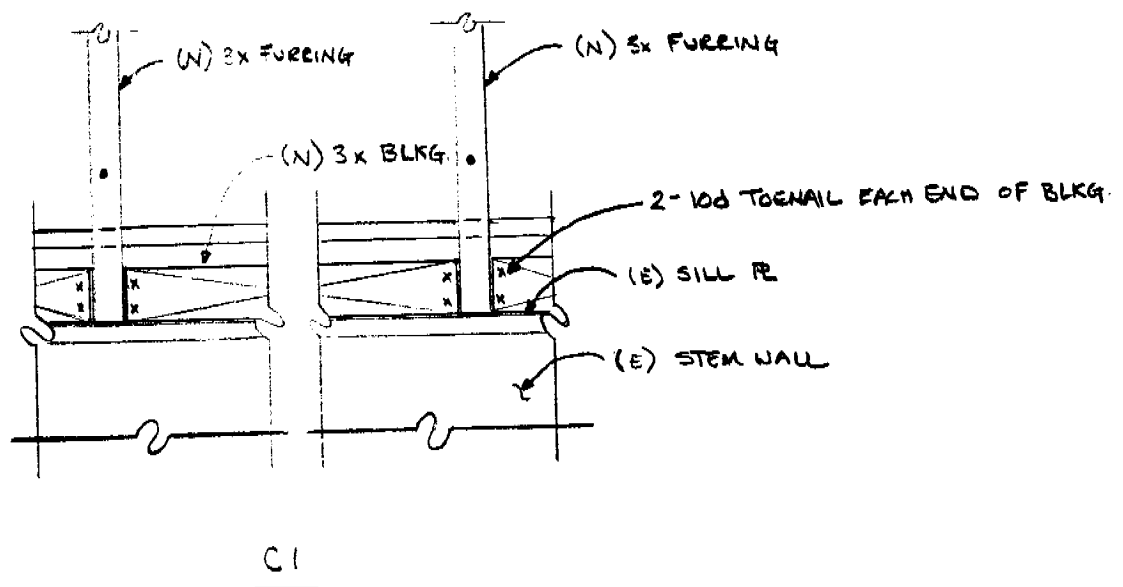
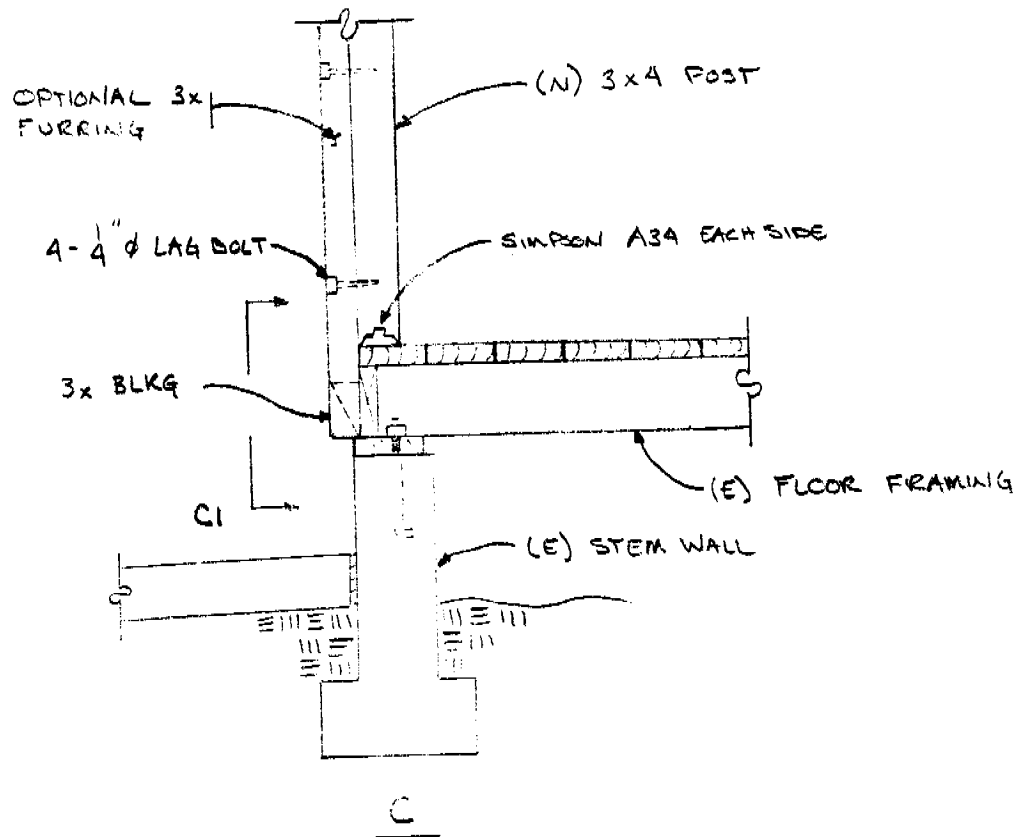
PARTIAL ROOF FRAMING PLAN

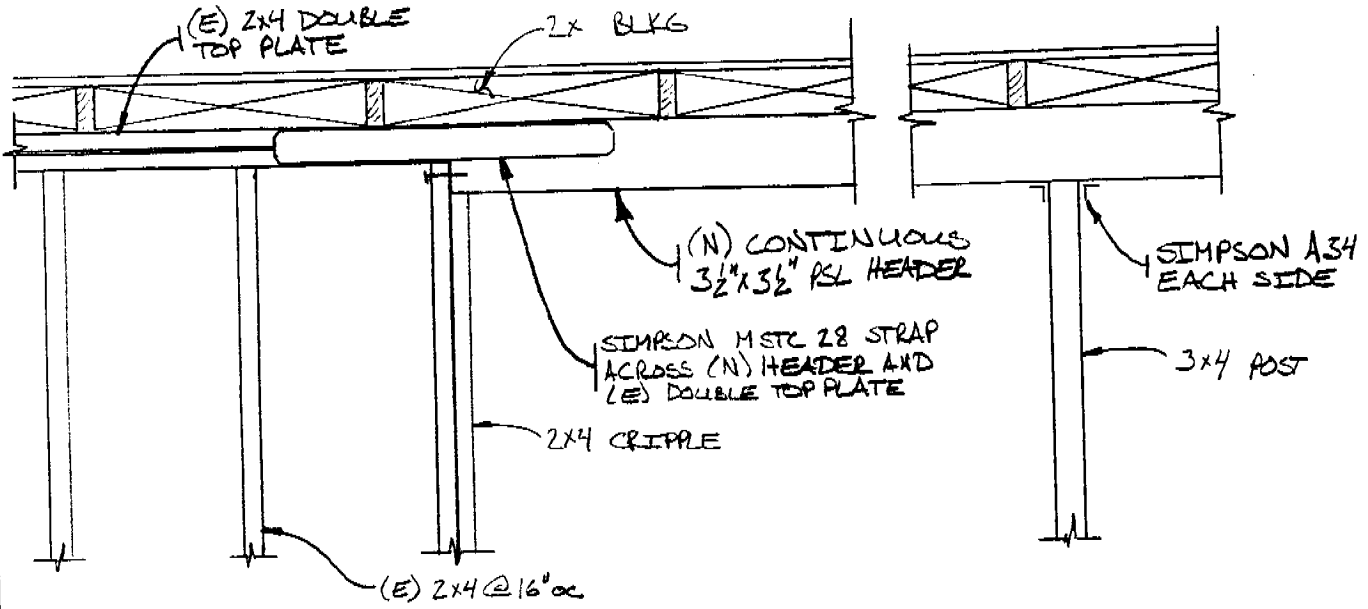


A

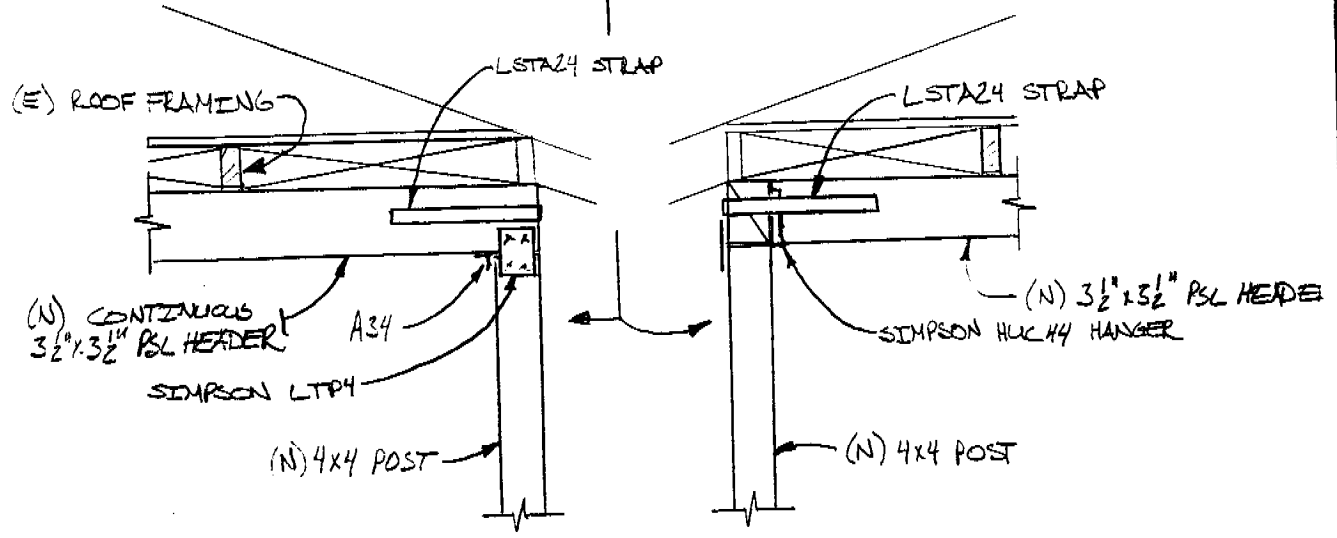


B

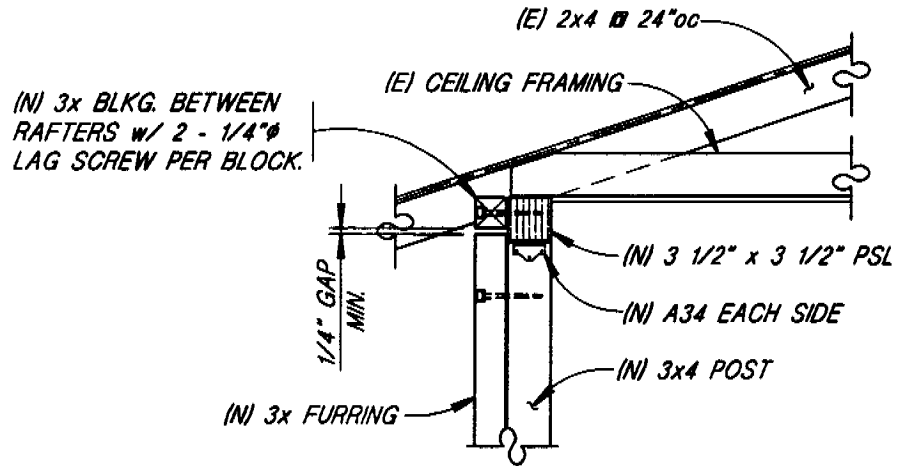




D



E



NOTE: DO NOT NOTCH RAFTERS

F

SCALE - 3/4"=1'-0"

DESIGN CRITERIA

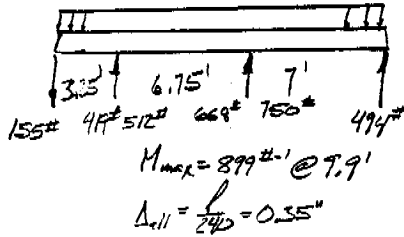
ROOF UNIT LOADS

SHAKE ROOF = 3.0 PSF
SHEEP SHEATHING = 1.1 PSF
2x4 @ 24" oc = 0.7 PSF
2x4 @ 16" oc = 1.1 PSF
1" GYP BOARD = 1.2 PSF
INSULATION = 1.0 PSF
MECH/MISC = 1.9 PSF
TOTAL DEAD = 11.0 PSF

LIVE LOAD = 16.0 PSF (ROOF SLOPE 4:12)

HEADER DESIGN

ANALYSIS DONE ON RISA 2D



$$W_D = 11.0 \left(\frac{155}{2} \right) + 7.0 \left(\frac{77}{2} \right) = 65\#$$

$$W_L = 16.0 \left(\frac{155}{2} + \frac{77}{2} \right) = 115\#$$

USE PSL

$$A_{req} = \frac{1.5(750^2)}{290(1.25)} = 5.10\text{ in}^2$$

$$S_{req} = \frac{899\#(12\text{ in})}{29000\text{ psi}(1.25)} = 2.98\text{ in}^3$$

$$\Delta = 0.191" = \frac{1}{410}$$

∴ USE 3 1/2" x 3 1/2" PSL (A = 12.25 in² S = 7.15 in³ I = 12.51 in⁴)

CANOPY UNIT LOADS

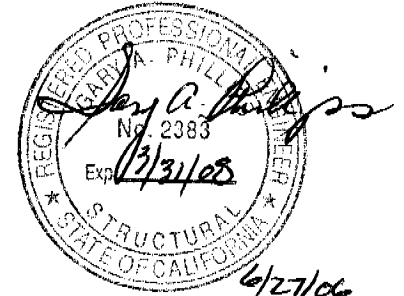
SHAKE ROOF = 5.0 PSF
1x SHEATHING = 2.2 PSF
2x4 @ 24" oc = 0.7 PSF
MISC = 1.1 PSF

TOTAL DEAD = 7.0 PSF

EXTERIOR WALL

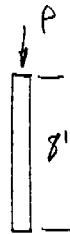
STUCCO = 10.0 PSF
5" SHTG = 1.1 PSF
1" GYP BOARD = 2.2 PSF
2x4 @ 16" oc = 1.1 PSF
INSULATION = 1.0 PSF
MECH/MISC = 1.0 PSF

TOTAL DEAD = 17.0 PSF



6/27/06
for pages 1 thru 3

COLUMN DESIGN



$$P = 2(668\# + 750\#) = 1418\#$$

TRY 3x4 DF No 2 (A = 8.75 in²)

$$\frac{l_k}{d} = \frac{8(12\text{ in})}{2.5\text{ in}} = 38 < 50 \text{ OK}$$

$$F_c^* = 1300\text{ psi}(1.25) = 1625\text{ psi}$$

$$F_{CE} = \frac{0.3(16000\text{ psi})}{58\text{ psi}} = 326$$

$$\frac{F_{CE}}{F_c^*} = \frac{326\text{ psi}}{1625\text{ psi}} = 0.20$$

$$C_p = \frac{1+0.20}{2(0.80)} - \sqrt{\frac{1+0.20}{2(0.80)} - \frac{0.20}{0.80}} = 0.191$$

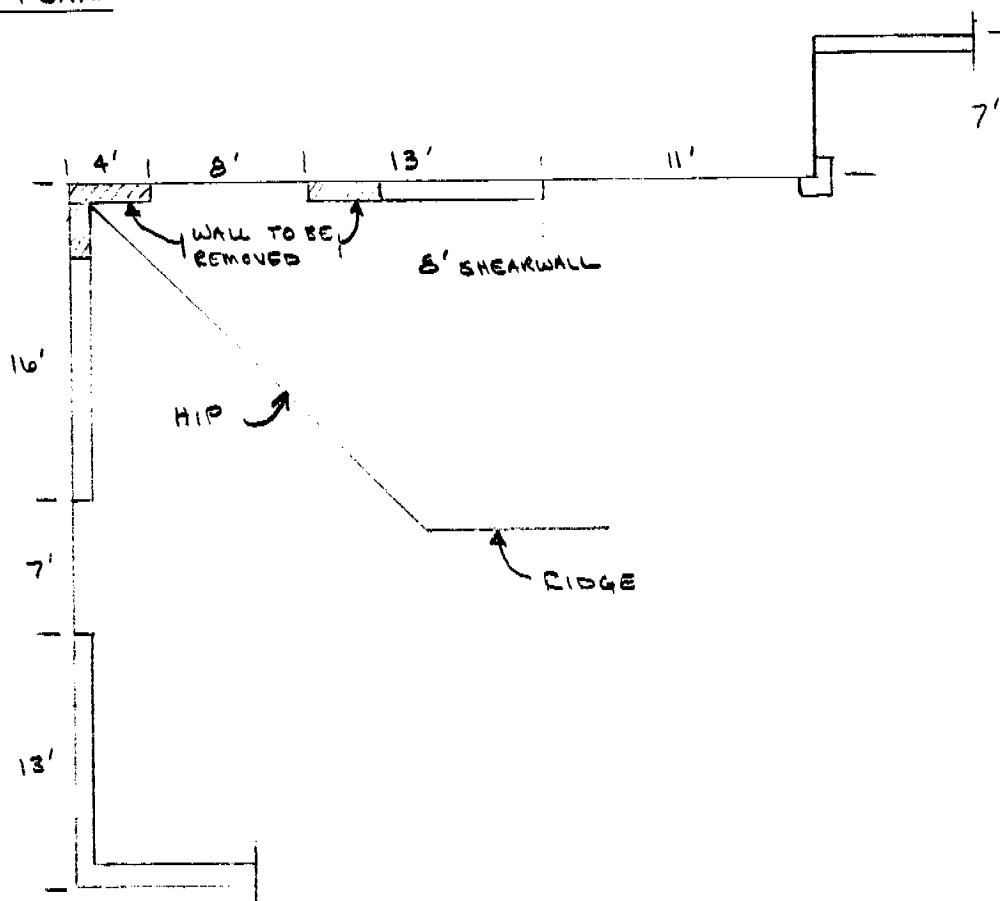
$$F_c' = 0.191(1625\text{ psi}) = 311\text{ psi}$$

$$P_{all} = 311\text{ psi}(8.75\text{ in}^2) = 2721\# > 1418\# \text{ ∴ OK}$$

∴ USE 3x4 DF No 2 POST

LATERAL FORCE DESIGN

(E) PLAN

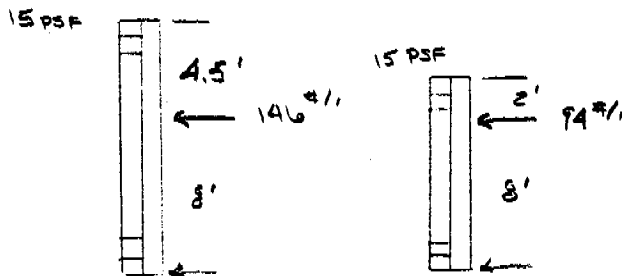


WIND DESIGN WIND GOVERNS BY INSPECTION

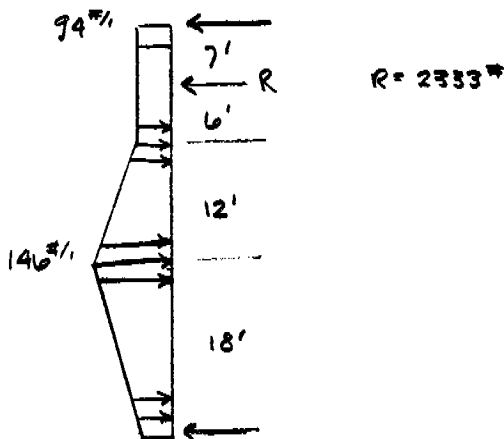
$$P = C_e C_g \bar{z}_s I_W \quad 75 \text{ MPH} \quad \text{EXPOSURE B}$$

$$C_e = 0.62 \quad C_g = 1.3 \quad \bar{z}_s = 14.5 \text{ PSF} \quad I_W = 1.0$$

$$P = 0.62(1.3)(14.5 \text{ PSF})(1.0) = 11.7 \text{ PSF} \quad \therefore \text{USE } 15 \text{ PSF MIN.}$$



LATERAL FORCE DESIGN CONT.



SHEARWALL DESIGN

$V = 2333\#$ LENGTH OF WALL = 8'

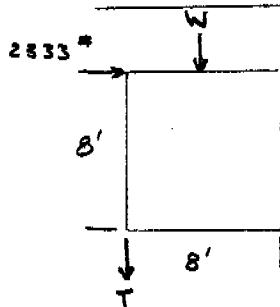
$V = \frac{2333\#}{8'} = 292\#/\text{ft}$ \therefore USE $\frac{3}{8}$ " SHEATHING w/ 8d @ 4'oc ($V_{all} = 380\#/\text{ft}$)

SILL BOLTING

$\frac{1}{2}$ " ϕ BOLTS TO 2x = $1.33(620\#/\text{BOLT}) = 825\#/\text{BOLT}$

$\frac{2333\#}{825\#/\text{BOLT}} = 2.83$ BOLTS \therefore USE AT LEAST 3 - $\frac{1}{2}$ " ϕ BOLTS

OVERTURNING



$M_{OT} = 2333\#(8') = 18664\#-ft$

$W = 110\left(\frac{7.33'}{2}\right)8' + 70\left(\frac{10'}{2}\right)(8') + 170(8')(8') = 1690\#$

$M_R = 0.67(1690\#)(4') = 4529\#-ft$

$T = \frac{18664\#-ft - 4529\#-ft}{7'} = 2019\#$

\therefore USE HTT16 HOLDDOWN ($T_{all} = 3480\#$)

ANCHOR DESIGN

USE $\frac{3}{8}$ " ϕ A307 THREADED ROD IN SIMPSON SET EPOXY EMBED = 5"

EDGE DISTANCE = 2" EACH SIDE

TENSION REDUCTION = $0.48(0.48) = 0.23$

$T_{all} = 0.23(6680\#/\text{BAR})1.33 = 2047\# > 2019\# \therefore$ OK

\therefore USE $\frac{3}{8}$ " ϕ A307 THREADED ROD IN SIMPSON SET EPOXY EMBED = 5"