

CITY OF SACRAMENTO
1231 I Street, Sacramento, CA 95814

Permit No: 9712810
Insp Area: 3

Site Address: 6507 4TH AV SAC
Parcel No: 0150031041

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

CONTRACTOR
TWIN RIVER CONST CO
6507 4TH AV
ORANGEVALE CA
Phone: 916-791-1056

95662

OWNER
GOLDEN 1 CREDIT UNION
SACRAMENTO CA
95852-1966
Phone:

ARCHITECT
Phone:

Nature of Work: REPAIR LAMINATED BEAM

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 538499 Date 9/15/99 Contractor Signature Robert J Weathers

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 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 or 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 or 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.

Date 9/15/99 Applicant/Agent Signature Robert J Weathers

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 1271707-96 (10/1/97) NO

(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 9/15/99 Applicant Signature Robert J Weathers

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
APPLICATION FOR BUILDING PERMIT
DEPARTMENT OF PLANNING AND DEVELOPMENT
BUILDING INSPECTION DIVISION
 1231 I Street, Room 200
 Sacramento, CA 95814
 (916) 264-7619 FAX 264-7046

Worked's Comp Policy # _____
 Company # _____
 EXP. DATE _____

ADDRESS 6507 4th Ave P.C. # CCP
 PARCEL # _____ SUITE # _____
 AREA # 3C

CONTACT
 NAME _____ ADDRESS _____ ZIP _____
 PHONE _____ FAX: () _____
 LICENSED CONTRACTOR
 NAME Twin River Const. ADDRESS _____
 PHONE _____ ZIP _____

ARCH./ENG.
 NAME _____ ADDRESS _____ ZIP _____
 PHONE _____
 OWNER/~~REDACTED~~
 NAME Golden One C.U. ADDRESS _____
 PHONE _____ ZIP _____

WILL THE PERMITEE HAVE ANY EMPLOYEE'S ON THE JOBSITE? YES NO
 NATURE OF WORK IN DETAIL:

Repair Laminated Beam

D.B.A. _____ VALUATION _____
BELOW THIS LINE FOR BLDG. DEPT. USE ONLY

FLOOD STATUS _____ S.C.A.T. _____
 JOB DESCR. BLDG SHEL APT II(-) REM() SW FIRE ADD OTH

INSP. DISCIPLINES BLDG MECH PLUMB ELEC SITE FIRE

# OF STORIES	AREA 1ST FL.	TOTAL AREA	USE ZONE	OCCUP. GROUP	CONST. TYPE	FIRE SPRINK.	FED CODE	VIO. FILE
<u>B</u>	<u>L</u>	<u>P</u>	<u>M</u>	<u>E</u>	<u>F</u>	<u>S</u>	<u>D</u>	<u>R</u>
<u>B</u>								

COMMENTS: _____

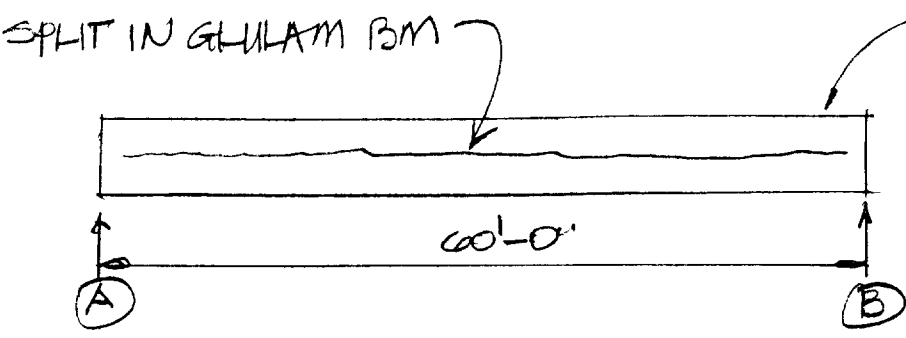
1722

Job: GOLDEN 1 GLULAM EVALUATION
 Client: OSHIMA & YEE
 Job No.: 97169
 Designed by: SCHUBERT Date: 9/12/17 Page 1 of 6

COLE, YEE, SCHUBERT & ASSOCIATES
 STRUCTURAL ENGINEERS, INC.
 2500 VENTURE OAKS WAY, SUITE 300
 SACRAMENTO, CALIFORNIA 95833-3287
 916/920-2020 FAX 916/920-1556

CRITERIA:

PROVIDE STRUCTURAL SOLUTION FOR THE 5 1/4" x 37 1/4" GLULAM THAT FAILED ON 9/12/17.



SOLUTION:

1. ADD NEW STEEL COL. & NEW FOOTING AT MIDSPAN
2. DESIGN EXISTING G.L. BM. TO RESIST VERTICAL LOADING

ISSUED
 SEP 13 1997

ROOF LOADS:

- 5.0 # ROOFING
- 1.5 # 1/2" PLYWOOD
- 1.0 # 2x4 @ 24" oc
- 2.0 # 4x16 @ 8'-0" oc
- 1.0 # SPRINKLERS
- 1.0 # CEILING
- 11.7 # MECH
- 1.0 # MISC

4.0 #/ft' DEAD LOAD
 12.0 #/ft' LIVE LOAD
 26.0 #/ft' TOTAL LOAD

Sacramento Building Division

$$\text{TRIBUTARY AREA} = (24 + 17.6) / 2 = 21.75$$

$$21.75' \times 30.0' = 652 \text{ #'} \text{ USE } 12.0 \text{ #'} \text{ ALL}$$

$$\text{NEW GL D} = 18.5" \quad B = 5.25"$$

$$\text{AREA} = 97.0 \text{ in}^2$$

$$S = 5.25 \times 18.5^2 / 6 = 299.5 \text{ in}^3$$

$$\#/ft' = 21.75' \times 26.0 \text{ #'} + 60 \text{ #'} \text{ BM} = 626 \text{ #'} / ft'$$

$$S_{REQ} = 626 \text{ #'} \times 30.0'^2 \times 11.5 / 2400 \times 11.25 = 281.7 \text{ in}^3$$

$$A = 626 \text{ #'} \times (30/2 - 1.5) \times 11.5 / 11.5 \times 11.25 = 61.5 \text{ in}^2$$

$$S_{ACT} = A \times 299.5 \text{ in}^3 = 287.5 \text{ in}^3 > 281.7 \text{ in}^3 \text{ OK.}$$

TO FURTHER STABILIZE THE GLULAM - ADD 3/4" φ BOLTS THRU THE GLULAM TO TIE IT TOGETHER.

BOLTS ± 1.5 x 626 #' x 15' / 2050 x 11.25 = 5.6 BOLTS USE 3/4" φ BOLTS

⊖ 2'-0" oc = 11 BOLTS

ALSO ADD WEDGE WAKER

723 Bryon Nakashima

Job GOLDEN I GULLAM EVALUATION

Job. No.

COLE, YEE, SCHUBERT & ASSOCIATES

Client OSHIMA & YEE

97169

STRUCTURAL ENGINEERS, INC.
2500 VENTURE OAKS WAY, SUITE 300
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Designed by SCHUBERT Date 9.13.97 Page 2 of 6

GULLAM BEAM STRENGTHENING (CONTIN.)

NEW FOOTING. USE 3000 PSF PER ORIGINAL DRAWINGS.

$$FL = 30 \times 626 \# = 18,780 \#$$

$$AREA = 18,780 \# / 3000 \text{ psf} = 6.26 \text{ ft}^2$$

USE 3'-0" x 3'-0" x 2'-0"

$$AREA = 9.0 \text{ ft}^2 > 6.26 \text{ ft}^2$$

COLUMN DESIGN $P = 18,780 \# + 5000 \# \text{ MESH} = 23,780 \#$

USE TS 4x4x1/4 ALLOW $P = 38 \text{ K} @ H = 15'$ O.K.

USE SIMPSON CC 5/4 ALLOW = 37.3 K O.K.

ISSUED

SEP 15 1997

Sacramento Building Division

GOLDEN ONE G.I.

Job. No.

COLE, YEE, SCHUBERT & ASSOCIATES

STRUCTURAL ENGINEERS, INC.
2500 VENTURE OAKS WAY, SUITE 300
SACRAMENTO, CALIFORNIA 95833-3287

916/920-2020 FAX 916/920-1556

Client

OSHIMA & YEE

97169

Designed by

SCHUBERT

Date

9.13.97

Page

3

of

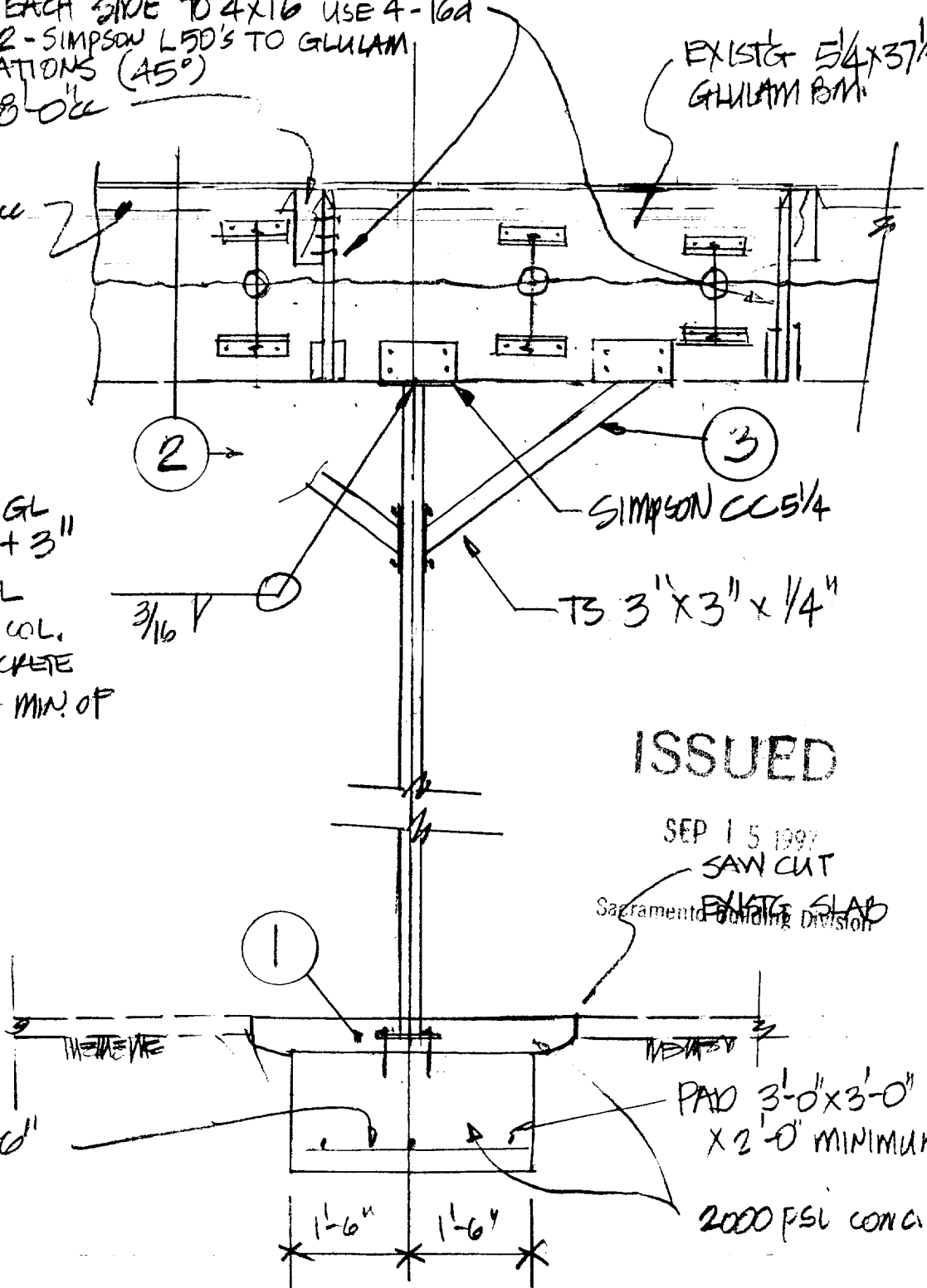
6

2x6 BRACE EACH SIDE TO 4x16 USE 4-16d
TO 4x16 & 2-SIMPSON L50'S TO GLULAM
2- LOCATIONS (45°)
4x16 @ 8'-0" OC

EXISTG 5/4x37/4
GLULAM BM.

2x4 @ 24" OC

JACK UP THE GL
BM. TO BE +3"
ABOVE LEVEL
SHORE UNTIL COL.
PLACED & CONCRETE
HAS CURED A MIN. OF
3 DAYS.



ISSUED

SEP 15 1997
SAW CUT

Sacramento Building Division
EXISTG SLAB

3-# 4x2'-0"
EA WAY

PAD 3'-0" x 3'-0"
x 2'-0" MINIMUM.

2000 PSI CONCR



SECTION A



3/8" = 1'-0"

1725

Job GOLDEN ONE GULFAM

Job No.

COLE, YEE, SCHUBERT & ASSOCIATES

Client OSHIMA & YEE

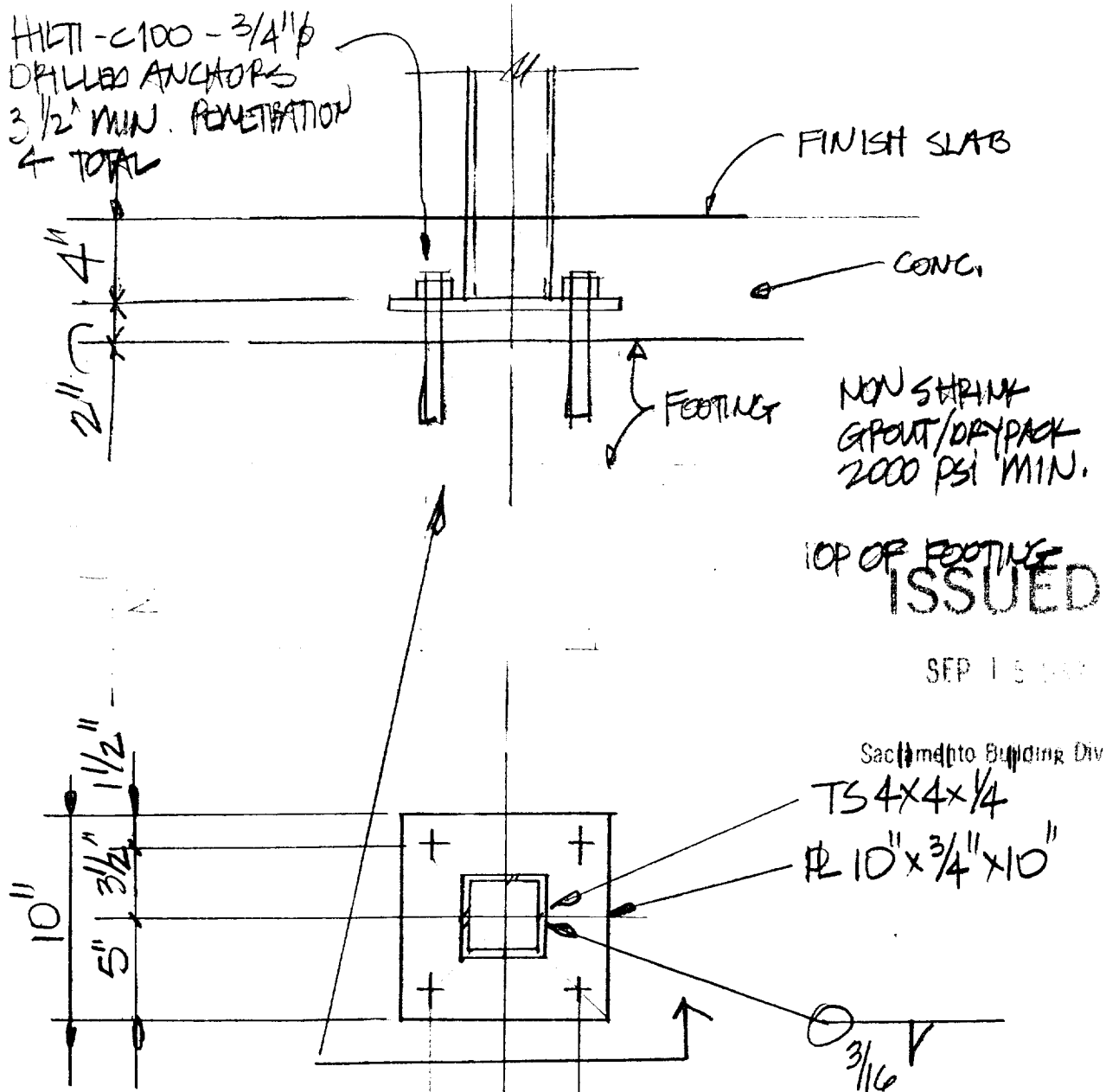
97169

STRUCTURAL ENGINEERS, INC.
2500 VENTURE OAKS WAY, SUITE 300
SACRAMENTO, CALIFORNIA 95833-3287

Designed by SCHUBERT Date 9.13.97 Page 4 of 6

916/920-2020 FAX 916/920-1556

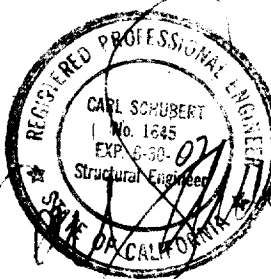
HILTI-C100 - 3/4" ϕ
DRILLED ANCHORS
3 1/2" MIN. PENETRATION
4 TOTAL

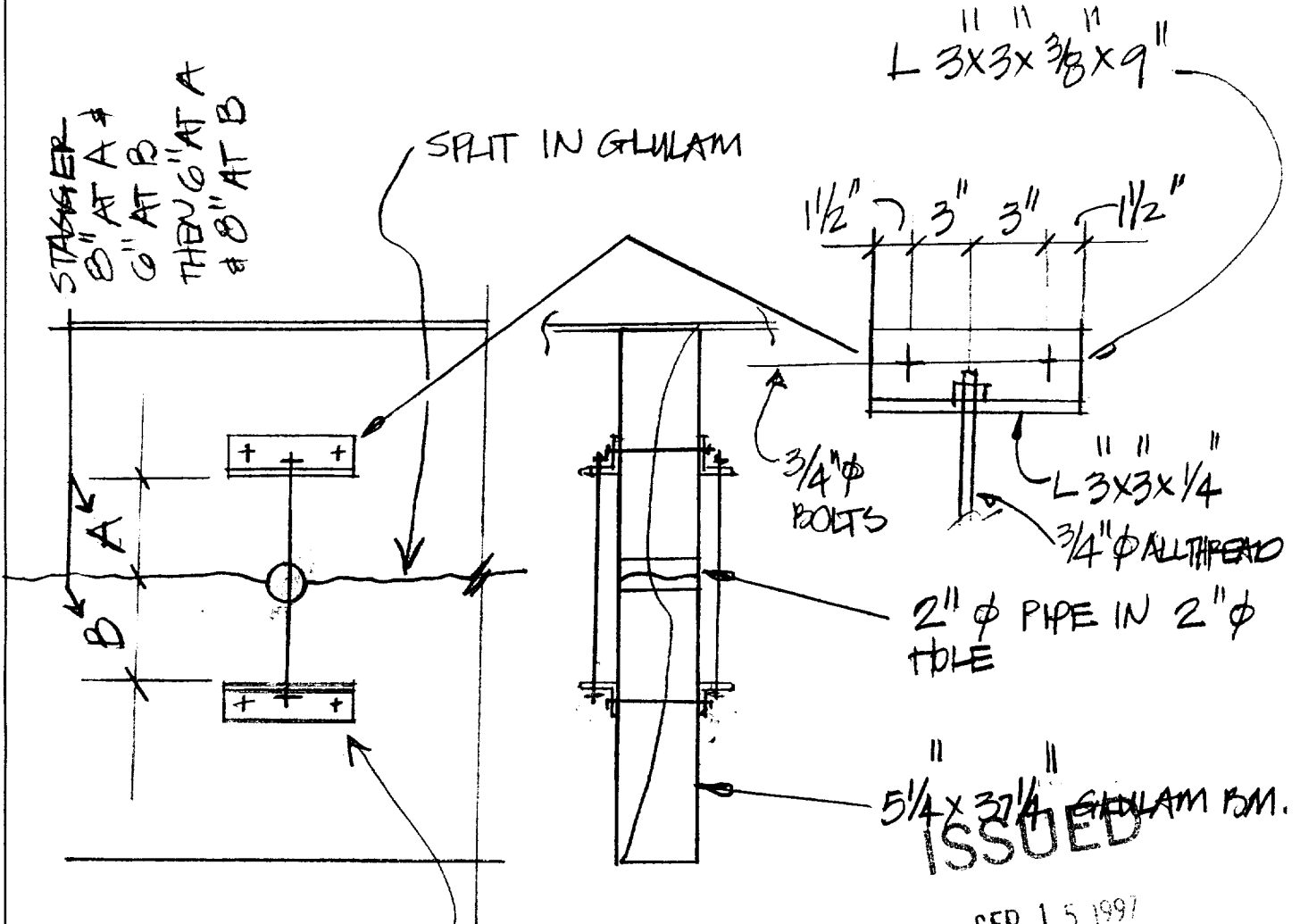


DETAIL 1

NO SCALE

1726





STAGGER
 8" AT A
 6" AT B
 THEN 6" AT A
 8" AT B

SPLIT IN GLULAM

L 3x3x^{3/8}x9"

1 1/2" 3" 3" 1 1/2"

3/4" φ BOLTS

L 3x3x1/4"

3/4" φ ALL-THREAD

2" φ PIPE IN 2" φ HOLE

5 1/4 x 3 1/4 GLULAM BM.

ISSUED

PLACE CONNECTION
 @ 2'-8" OC TYPICAL

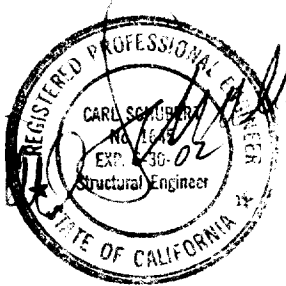
SEP 15 1997

Sacramento Building Division

DETAIL (2) - 1" = 1'-0"

1727

TIGHTEN BOLTS TO CLOSE THE CRACK IN GLULAM
 AND AS DIRECTED IN FIELD BY STRUCTURAL ENGINEER



Job COLONN ONE GILHAM

Job No.

COLE, YEE, SCHUBERT & ASSOCIATES

Client OSHIMA YEE

97169

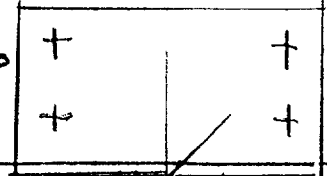
STRUCTURAL ENGINEERS, INC.
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SACRAMENTO, CALIFORNIA 95833-3287

Designed by SCHUBERT Date 9.15.97 Page 6 of 6

916/920-2020 FAX 916/920-1556

SYMMETRICAL

SIMPSON
CC 5/4



T 3/4" x 4" x 1/4"

TYP.

3/16"

T 3" x 3" x 1/4"

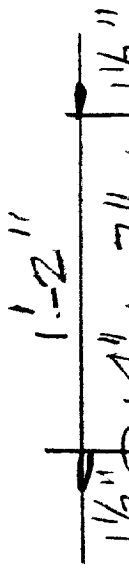
PL 4" x 3/8" x 1/4"

ISSUED

SEP 15 1997

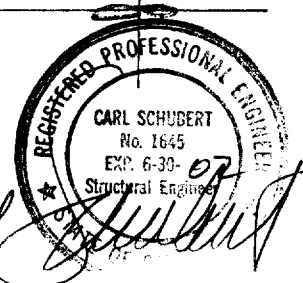
3/4" φ STUD BOLTS Sacramento Building Division

31-0"



DETAIL (3)

1728



OPTION: CONTRACTOR MAY WELD 3" TS TO 4" TS W/ 3/16" FILLET ALL AROUND.