

CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0507488

Insp Area: 1

Thos Bros: 297E1

Site Address: 1099 VINE ST SAC

Parcel No: 001-0070-049

Sub-Type: REP

Housing (Y/N): N

CONTRACTOR
LEGACY ROOFING
2950 RAMONA AVE
SACRAMENTO CA 95826

OWNER
DETMER FAMILY LIMITED PARTN
7700 COLLEGE TOWN DR #2
SACRAMENTO CA 95826

ARCHITECT

Nature of Work: T/O EXIST BUR, PLYWOOD & BAD BEAM, INSTALL NEW RAFTERS, plywood, install new beam & new bur.

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 C39 License Number 802656 Date 5-26-05 Contractor Signature Jamie Thayer

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/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 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 improvement is 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 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 5-26-05 Applicant/Agent Signature Jamie Thayer

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 285-0002275 Exp Date 02/01/2006

(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 5-26-05 Applicant Signature Jamie Thayer

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.

STRUCTURAL CALCULATIONS

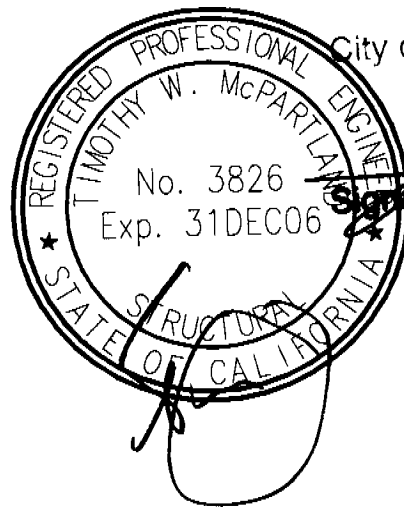
Drawings

FOR

**1099 Vine Street
Roof Repair
Sacramento, California**

APPROVED

City of Sacramento Plan Review
Structural



John Tang
Signature

5/26/05
Date

ISSUED

MAY 26 2005

Sacramento Building Division

DATE: May 24, 2005

JOB #05167

Civil and Structural Engineering

0507488

CITY COPY 1099 Vine st

Project: 1099 VINE ST, ROOF REPAIR

Date: _____

Job No: 05767Sheet # 1 of _____BY: MBFDESIGN CRITERIA

2001 CALIFORNIA BUILDING CODE

INFORMATION FROM ORIGINAL CONSTRUCTION DOCUMENTS

DESIGN LOAD

DEAD LOAD = 14 psf

LIVE LOAD = 20 psf

REPLACEMENT PURLIN

SEE ATTACHED ANALYSIS BY TSI

OUT-OF-PLANEPURLIN

ORIGINAL ANCHOR, SIMPSON "PAT18" GF=1505#

REPLACE WITH SIMPSON "PHD2-S153" GF=3610#

USE 5/8" ϕ EPOXY ANCHOR, W/4" EMBED GF=4190#JOIST

ORIGINAL ANCHOR, SIMPSON "PAT23" GF=2445#

REPLACE WITH SIMPSON "PHD2-S153" W/5/8" ϕ ANCHOR

USE 4X6 AT ANCHOR

STRAP USE SIMPSON "MSTI36" GF=3265#



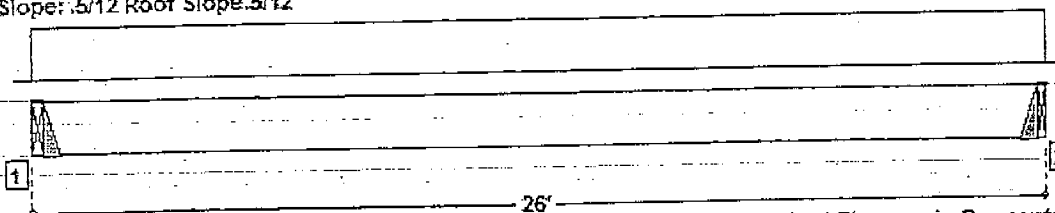
TJ-Beam® 6.16 Serial Number: 7002129197
 User: 3 5/5/2005 10:18:01 AM
 Page 1 Engine Version: 1.16.5

Type P

3 1/2" x 16" 2.0E Parallam® PSL @ 96" o/c

THIS PRODUCT MEETS OR EXCEEDS THE SET DESIGN CONTROLS FOR THE APPLICATION AND LOADS LISTED

Member Slope: .5/12 Roof Slope: .5/12



All dimensions are horizontal.

Product Diagram is Conceptual.

LOADS:

Analysis is for a Joist Member.
 Primary Load Group - Roof (psf): 20.0 Live at 125 % duration, 15.0 Dead

SUPPORTS:

		Input Width	Bearing Length	Vertical Reactions (lbs) Live/Dead/Uplift/Total	Ply	Depth	Nailing Depth	Detail	Other
1	Glulam or solid sawn lumber beam	3.50"	Hanger	2086 / 1566 / 0 / 3652	1	16.01"	N/A	Top Mount Hanger	None
2	Glulam or solid sawn lumber beam	2.56"	Hanger	2074 / 1557 / 0 / 3630	1	16.01"	N/A	Top Mount Hanger	None

HANGERS: Simpson Strong-Tie® Connectors

Support	Model	Slope	Skew	Reverse Flanges	Top Flange Offset	Top Flange Slope	Support Wood Species
1	Top Mount Hanger WPU3.56/16X U2	.5/12	0	N/A	No	0	Douglas Fir
2	Top Mount Hanger WPU3.56/16X D2	.5/12	0	N/A	No	0	Douglas Fir

-Nailing for Support 1: Face: 4-16d, Top 3-16d, Member: 6-N10
 -Nailing for Support 2: Face: 4-16d, Top 3-16d, Member: 6-N10

DESIGN CONTROLS:

	Maximum	Design	Control	Control	Location
Shear (lbs)	3571	-3197	13533	Passed (24%)	Rt. end Span 1 under Roof loading
Vertical Reaction (lbs)	3571	3571	3571	Passed (100%)	Bearing 2 under Roof loading
Moment (Ft-Lbs)	22758	22758	43693	Passed (52%)	MID Span 1 under Roof loading
Live Load Defl (in)		0.684	1.276	Passed (L/461)	MID Span 1 under Roof loading
Total Load Defl (in)		1.163	1.701	Passed (L/263)	MID Span 1 under Roof loading

-Deflection Criteria: STANDARD(LL:L/240,TL:L/180).
 -Bracing(Lu): All compression edges (top and bottom) must be braced at 14' 7" o/c unless detailed otherwise. Proper attachment and positioning of lateral bracing is required to achieve member stability.

PROJECT INFORMATION:

SacBee Warehouse
 Sacramento, CA

OPERATOR INFORMATION:

David Morrison
 Trus Joist
 3841 N. Freeway Blvd., Ste 285
 Sacramento, CA 95834
 Phone : 916-649-6844
 Fax : 916-925-2564
 morrisd@trusjoist.com

Copyright © 2004 by Trus Joist, a Weyerhaeuser Business
 Parallam® is a registered trademark of Trus Joist.
 Simpson Strong-Tie® Connectors is a registered trademark of Simpson Strong-Tie Company, Inc.
 C:\Program Files\Trus Joist\TJ-Beam\Job Files\SacBee Warehouse Type P.dwg

RECEIVED TIME MAY 5 9:57AM

PRINT TIME MAY 5 9:59AM

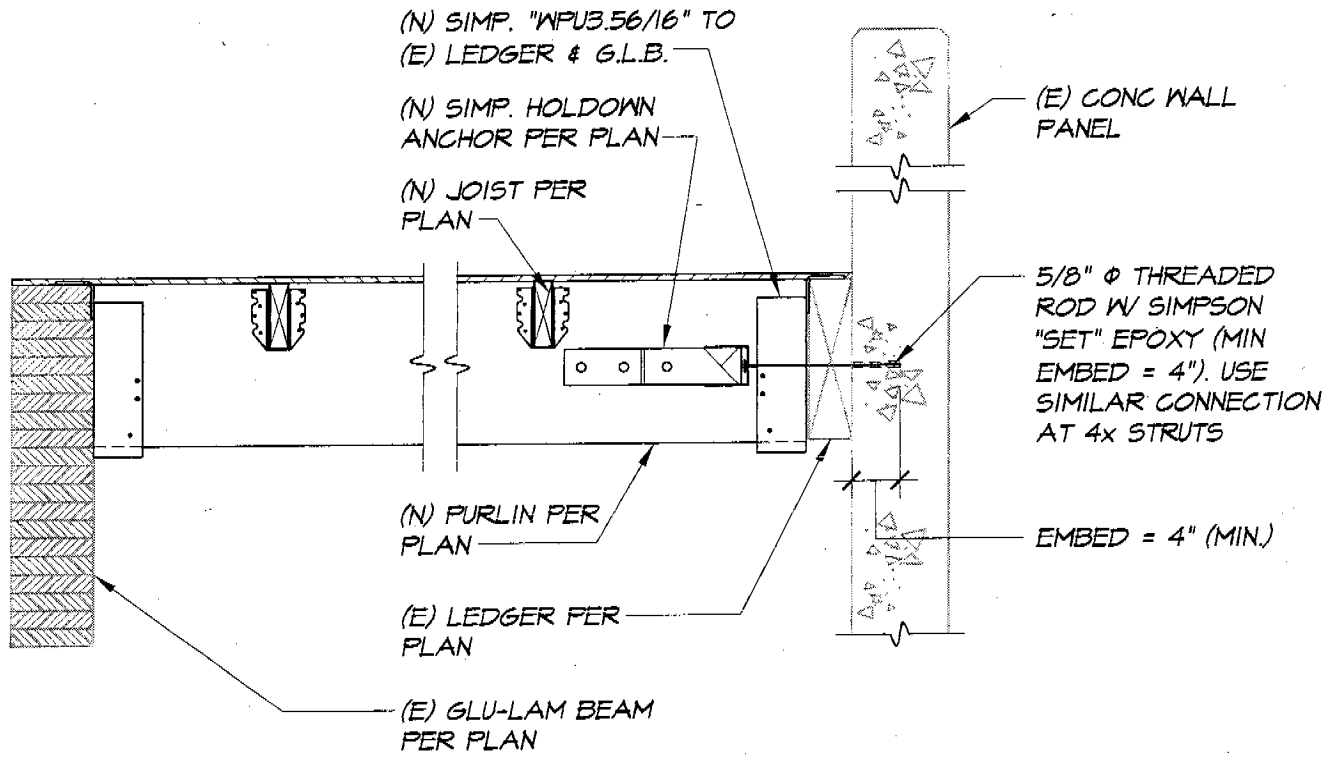
3

TABLE 14 - PURLIN ANCHORS^{2,3,4,6,8,9}

MODEL NO.	LENGTH	FASTENERS		ALLOWABLE LOADS ^{7,10,11}			
		Nails ¹	Bolts ⁵	Nails		Bolts	
				Norm	Max	Norm	Max
PAI18	18	12 - 10dx1½	---	1130	1505	---	---
PAI23	23	17 - 10dx1½	---	1600	2130	---	---
PAI28	29	23 - 10dx1½	---	2160	2885	---	---
PAI35	35	29 - 10dx1½	---	2725	3635	---	---
PA18	18½	12 - 16d	2 - ½ MB	1690	2255	900	1205
PA23	23½	18 - 16d	3 - ½ MB	2540	3385	1275	1700
PA28	29	20 - 16d	4 - ½ MB	2820	3685	1555	2070
PA35	35	20 - 16d	5 - ½ MB	2820	3685	1745	2330
PAT18	18½	7 - 16d	2 - ½ MB	985	1315	1305	1740
PAT23	23½	13 - 16d	3 - ½ MB	1835	2445	1820	2430
PAT28	28 ⁵ / ₈	19 - 16d	4 - ½ MB	2680	3570	2205	2945
PAR	26½	5 - N54A	---	840	1120	---	---
		5 - 16d	---	705	940	---	---
PARP	23½	5 - N54A	---	840	1120	---	---
		5 - 16d	---	705	940	---	---
PAR8	35	8 - N54A	---	1345	1790	---	---
		8 - 16d	---	1130	1505	---	---
PARP8	32 ¹ / ₈	5 - N54A	---	1345	1790	---	---
		8 - 16d	---	1130	1505	---	---
HEAVY PURLIN ANCHORS							
HPA28	32½	24 - 16d	4 - ½ MB	3670	4845	2345	3125
HPA35	38½	27 - 16d	4 - ½ MB	4130	5420	2345	3125
HPAT28	28 ³ / ₄	18 - 16d	3 - ½ MB	2755	3670	1905	2540
HPAT35	34 ³ / ₄	22 - 16d	3 - ½ MB	3365	4490	1905	2540
Table 14 continued on next page							

SE →
PURLIN

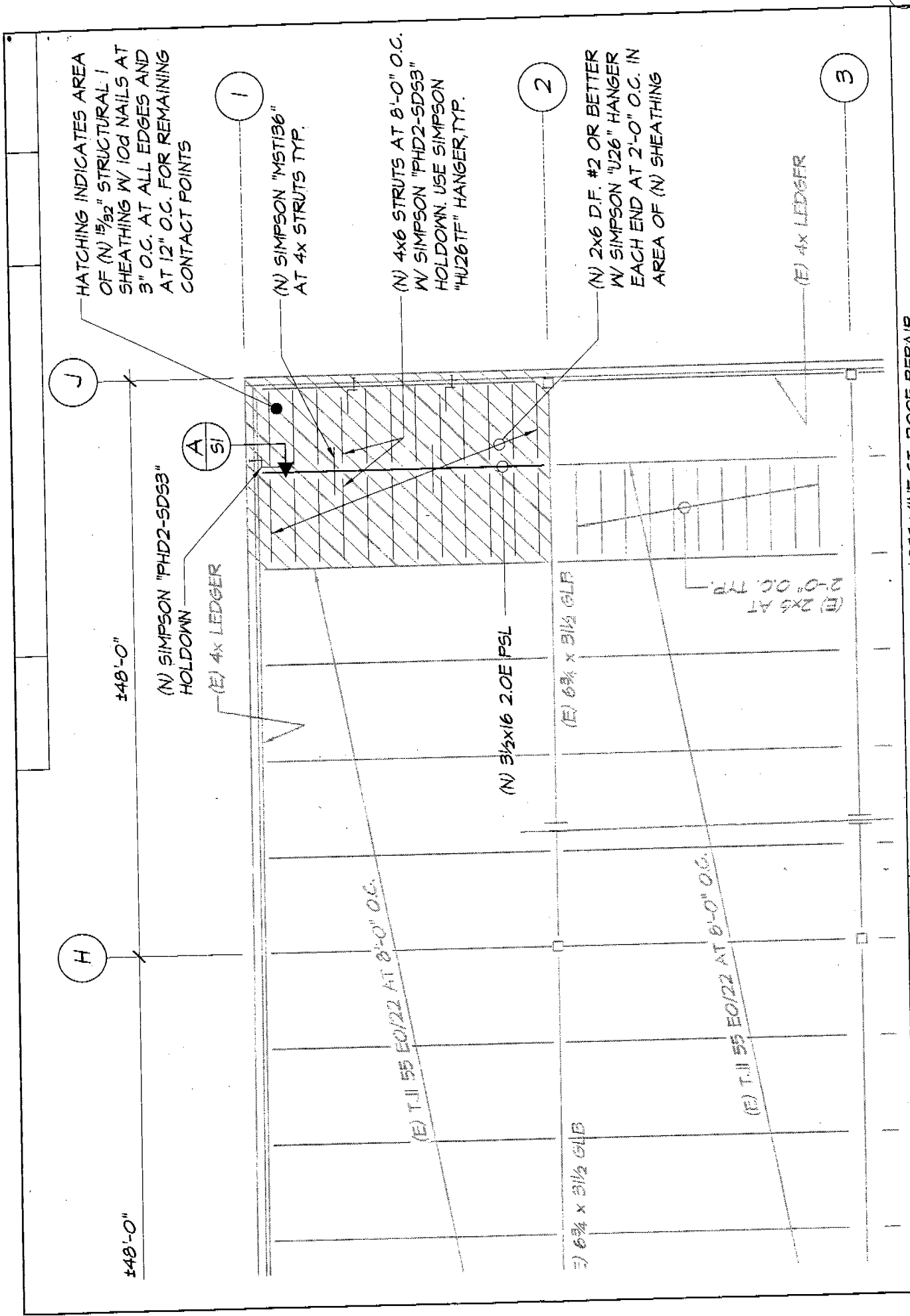
SE →
POST



A (N) PSL TO (E) TILT-UP WALL & G.L.B.
SI SECTION SCALE: 3/4"=1'-0"



JOB:	1099 VINE ST. ROOF REPAIR		
TITLE:	(N) PSL TO (E) TILT-UP WALL & G.L.B.		
CAD FILE:	51678SI.DWG	JOB NO.:	51678
DRAWN:	RGL	DATE:	05/23/05
		SCALE:	AS SHOWN



HATCHING INDICATES AREA OF (N) 1/2" STRUCTURAL I SHEATHING W/ 10d NAILS AT 3" O.C. AT ALL EDGES AND AT 12" O.C. FOR REMAINING CONTACT POINTS

(N) SIMPSON "MST136" AT 4x STRUTS TYP.

(N) 4x6 STRUTS AT 8'-0" O.C. W/ SIMPSON "PHD2-SD53" HOLD-DOWN. USE SIMPSON "HU26TF" HANGER, TYP.

(N) 2x6 D.F. #2 OR BETTER W/ SIMPSON "U26" HANGER EACH END AT 2'-0" O.C. IN AREA OF (N) SHEATHING

(E) 4x LEDGER

±48'-0"

(N) SIMPSON "PHD2-SD53" HOLD-DOWN
(E) 4x LEDGER

(N) 3 1/2 x 16 2.0E PSL

(E) 6 3/4 x 3 1/2 GLB

(E) 2x6 AT 2'-0" O.C. TYP.

H

J

A
S1

2

3

±48'-0"

(E) T.11 55 E0122 AT 8'-0" O.C.

(E) T.11 55 E0122 AT 8'-0" O.C.

(E) 6 3/4 x 3 1/2 GLB



2969 PROSPECT PARK DRIVE • SUITE 100 • RANCHO CORDOVA • CALIFORNIA • 95670 • (916) 859-7300 • FAX (916) 859-7304 • E-MAIL: ATM@ATMENGINEERING.COM

JOB:	1099 VINE ST. ROOF REPAIR
TITLE:	PARTIAL ROOF PLAN
CAD FILE:	516751.DWG
DRAWN:	RGL
DATE:	05/23/05
SCALE:	3/32" = 1'-0"
JOB NO.:	05167

5