



11-5-10
Letter # 10409

RE: 1054 NE 97th St, Seattle
Not Engineer of Record
SIP Ledger to Wall / Roof Ledger

To Whom It May Concern:

I have reviewed the attached ledger to wall connection provided by the client. The ledger to the wall is connected with (2) 8" SDS screws spaced 24" on center through 2x6 studs from the inside of the structure. The edge nailing of the 10" SIP panel should be 8d nails spaced 4" on center.

Per the attached plan view there is 7' of tributary roof loading on the connection. For each connection this roof load is $7 \times (15DL + 30SL) \times 2' = 730$ pounds. The 4 SDS screws have a capacity of 1000 pounds.

In my professional opinion the attached roof connection can carry the loading shown on the attached roof plan view.

See attached plan view of the area in question, and connection detail.

Please contact me with any questions regarding this project.

11-5-10
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John Hodge P.E.



This letter is the professional opinion of the engineer of record and regards his engineering only. This letter does not allow the builder to disregard Code requirements. Any schedule or cost impact is the responsibility of the builder or owner. The Building Inspector has the final authority to allow field changes to approved building plans.



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REVISION	DATE	BY	DESCRIPTION
1	11/17/00
2	11/17/00
3	11/17/00
4	11/17/00
5	11/17/00
6	11/17/00
7	11/17/00
8	11/17/00
9	11/17/00
10	11/17/00

ROOF PLAN & SECTIONS
PANEL LAYOUTS & PBS DETAILS

1054 HOUSE
E20090618-1922
SEATTLE, WASHINGTON

PROJECT INFORMATION
1054 HOUSE
E20090618-1922
SEATTLE, WASHINGTON

DATE	11/17/00
BY	...
CHECKED	...
SCALE	1/4" = 1'-0"

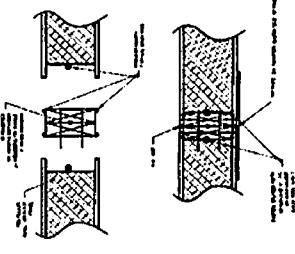
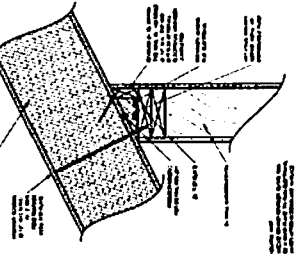
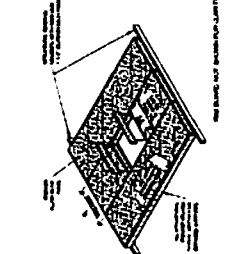
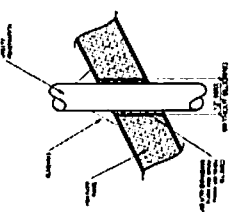
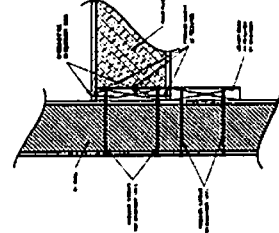
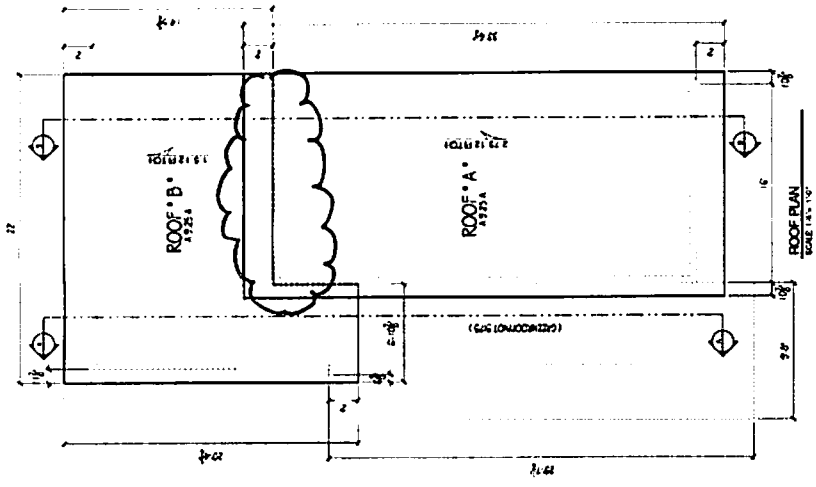
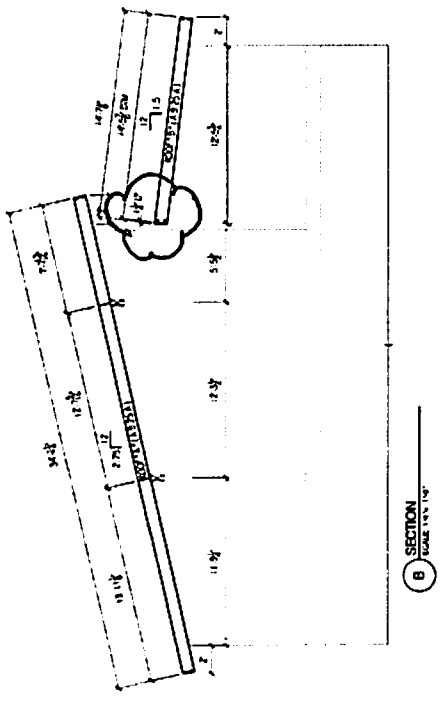
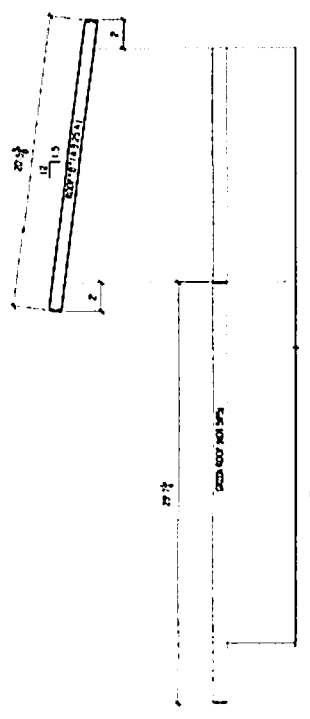
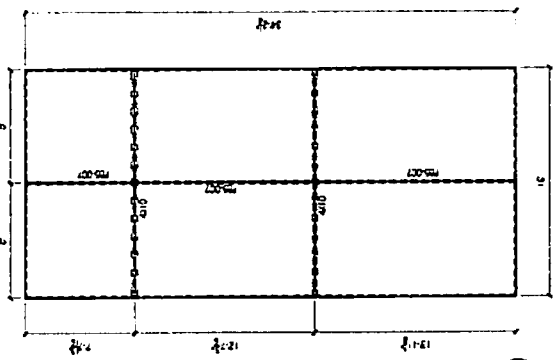
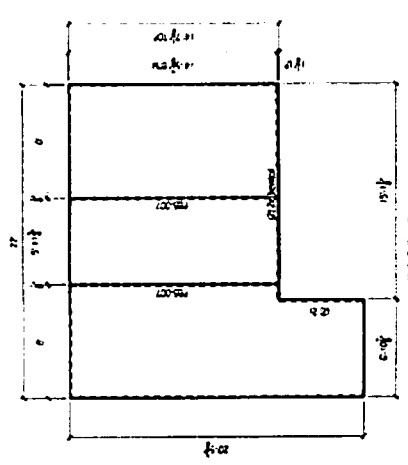


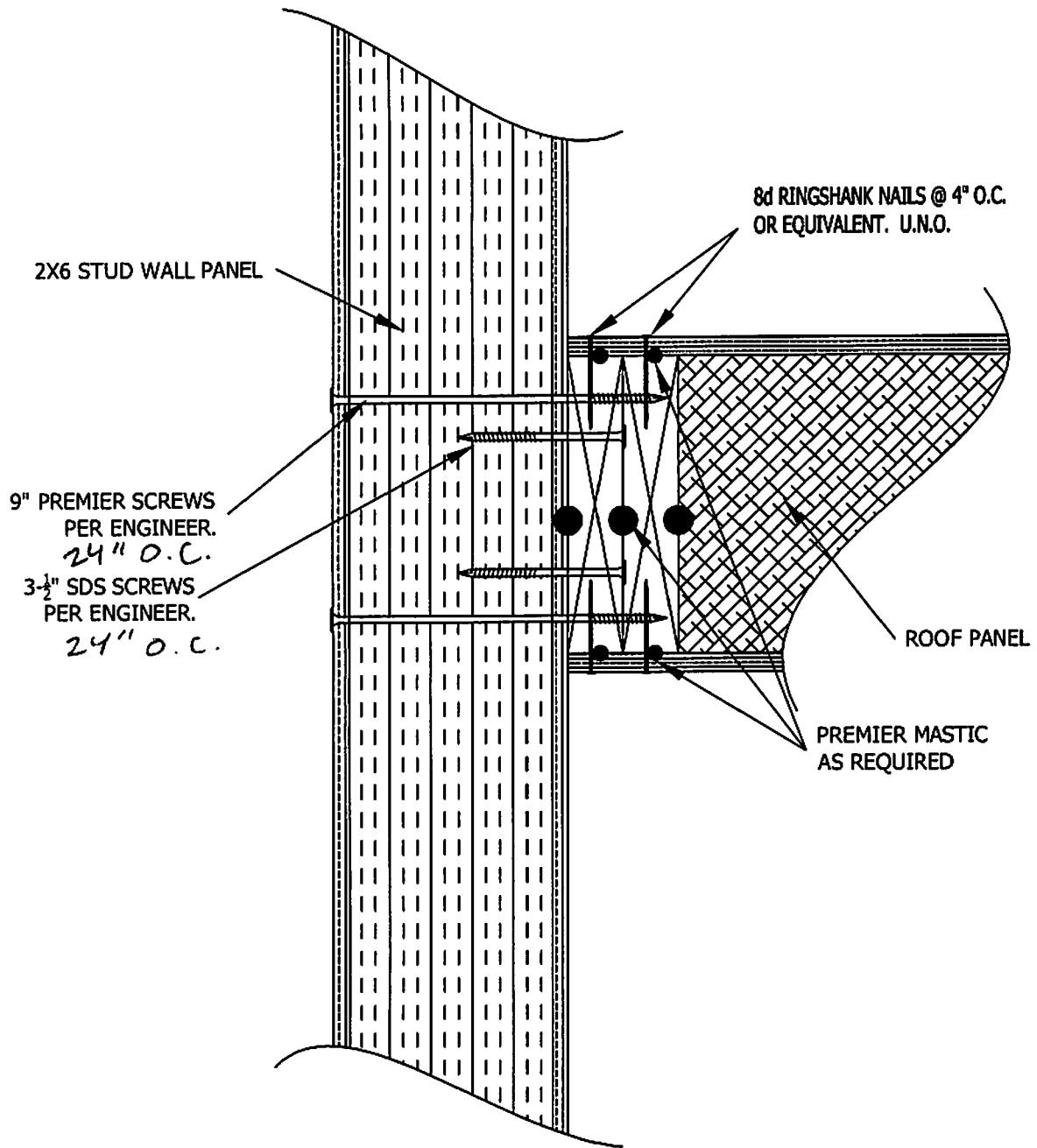
FIG. 201 ROOF LIFTER
 RAFTERS SHALL BE SPACED AT 16" O.C. UNLESS OTHERWISE NOTED.
 SHEATHING SHALL BE 5/8" THICK OSB OR EQUIVALENT.

FIG. 202 ROOF PENETRATIONS
 FLASHING SHALL BE 30" MIN. WIDE AND EXTEND UP AND DOWN THE ROOF SLOPE.
 WATERPROOFING SHALL BE APPLIED TO ALL PENETRATIONS.

FIG. 203 ROOF JOIST CONNECTIONS
 RAFTERS SHALL BE SPACED AT 16" O.C. UNLESS OTHERWISE NOTED.
 JOISTS SHALL BE SPACED AT 16" O.C. UNLESS OTHERWISE NOTED.

FIG. 204 BEVELED ROCK WALL-ROOF
 ROCK SHALL BE SET IN MORTAR AND FLASHING SHALL BE APPLIED TO ALL JOINTS.
 WATERPROOFING SHALL BE APPLIED TO ALL PENETRATIONS.

FIG. 205 DOUBLE 2x LUMBER CONNECTION
 LUMBER SHALL BE SPACED AT 16" O.C. UNLESS OTHERWISE NOTED.
 CONNECTIONS SHALL BE MADE WITH NAILS OR BOLTS.



NOTE: THIS DETAIL IS ONLY PERMITTED WHEN DESIGNED BY A LICENSED STRUCTURAL ENGINEER.



ROOF LEDGER ROBERT RICE

11-13-07