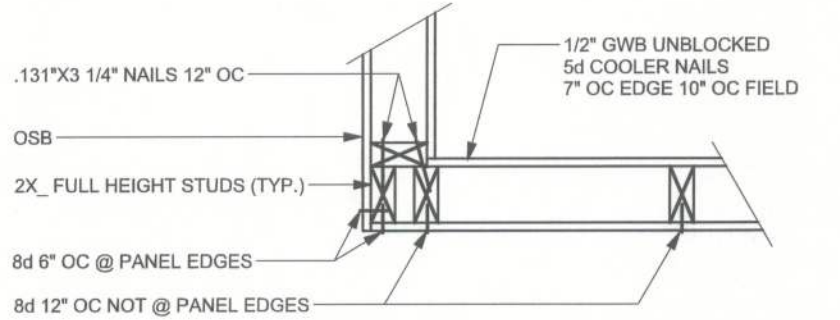
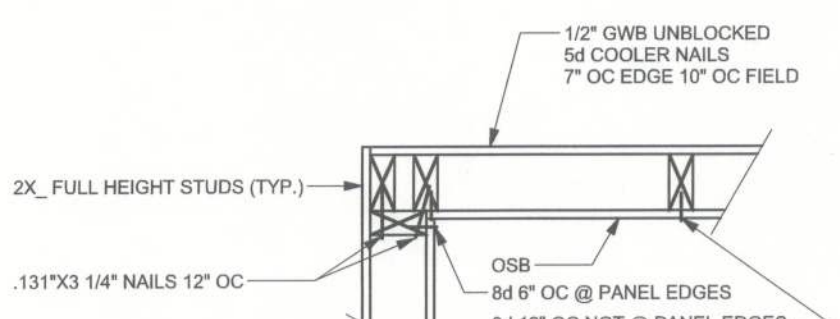


**W62** TYP. 1-STORY FRAME WALL SECTION  
ON WOOD FLOOR & PORCH ROOF  
1/2" = 1'-0"

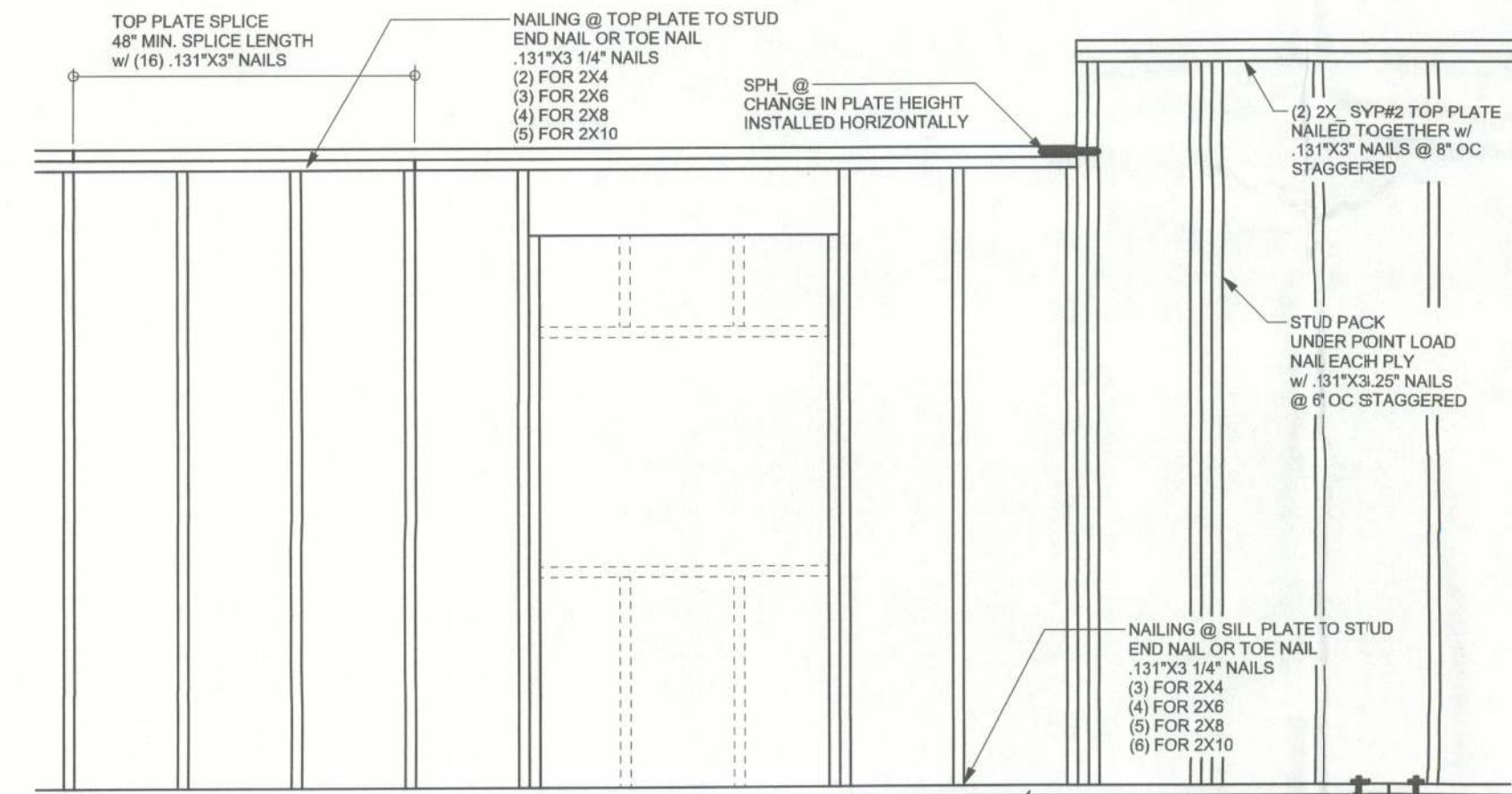


**OUTSIDE CORNER**

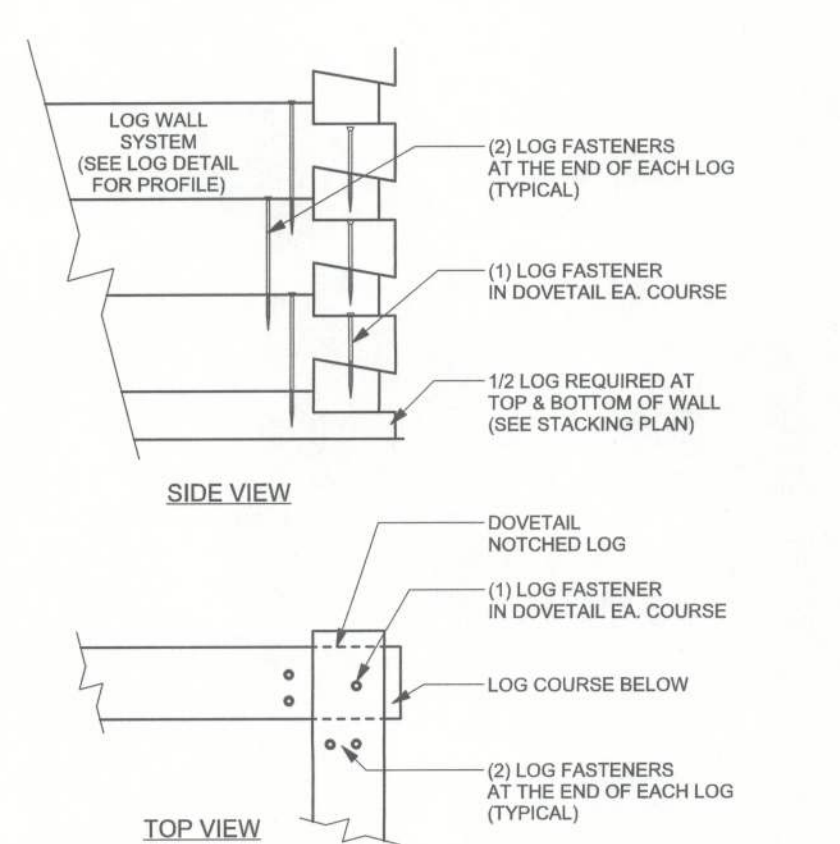


**INSIDE CORNER**

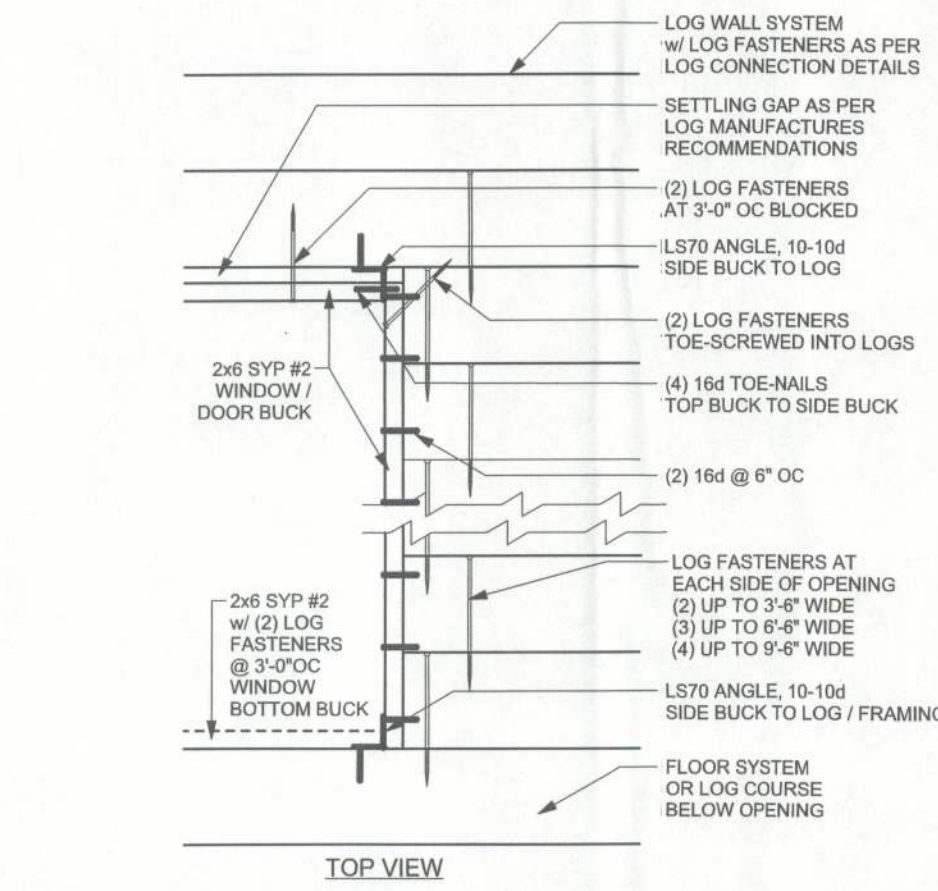
**W52** (TYP.) FRAMED WALL CORNER  
WOOD FRAMED WALL SYSTEM  
N.T.S.



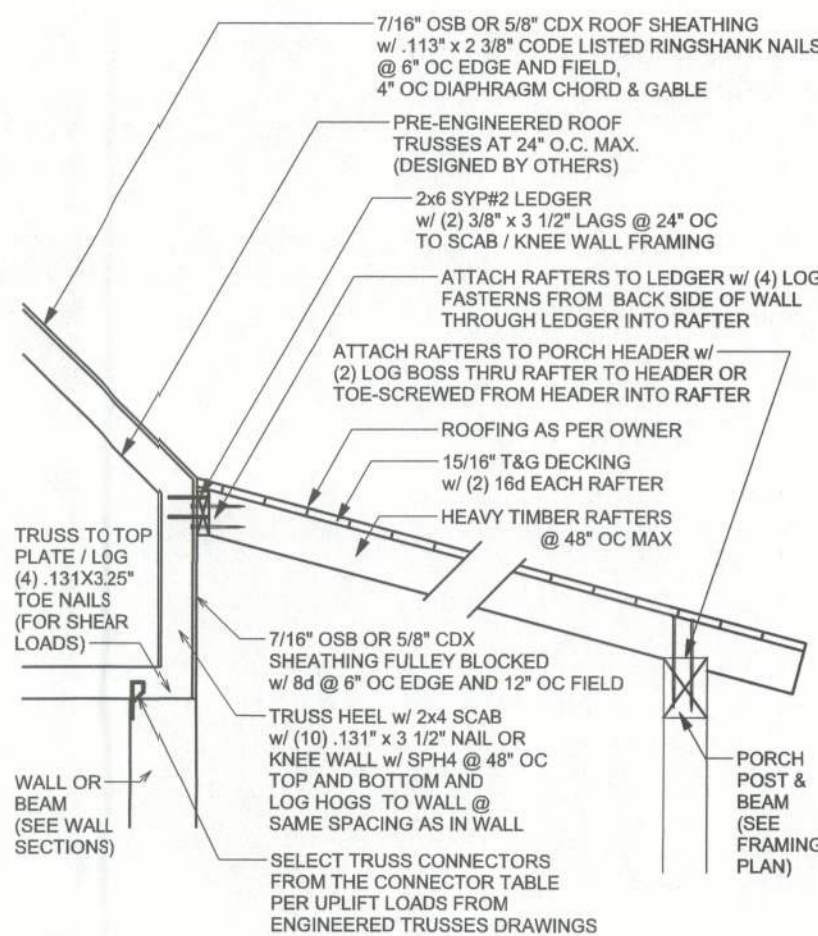
**W51** (TYP.) FRAMED WALL CONNECTIONS  
ONE STORY WOOD FRAME  
N.T.S.



**W16** DOVETAIL CORNER  
LOG CORNER DETAIL  
3/4" = 1'-0"



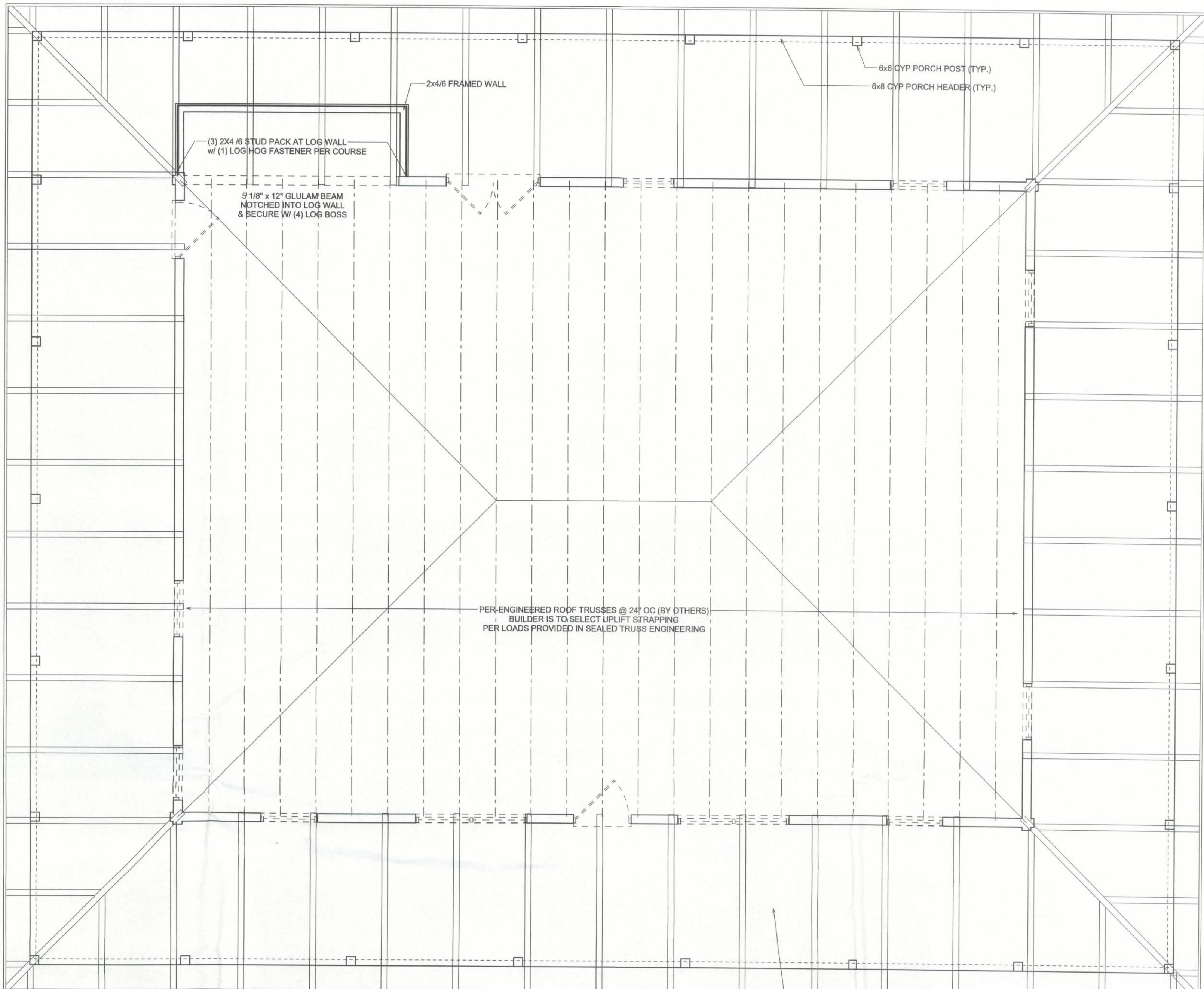
**W13** LOG WALL OPENING BUCK DETAIL  
LOG SCREW FASTENERS  
N.T.S.



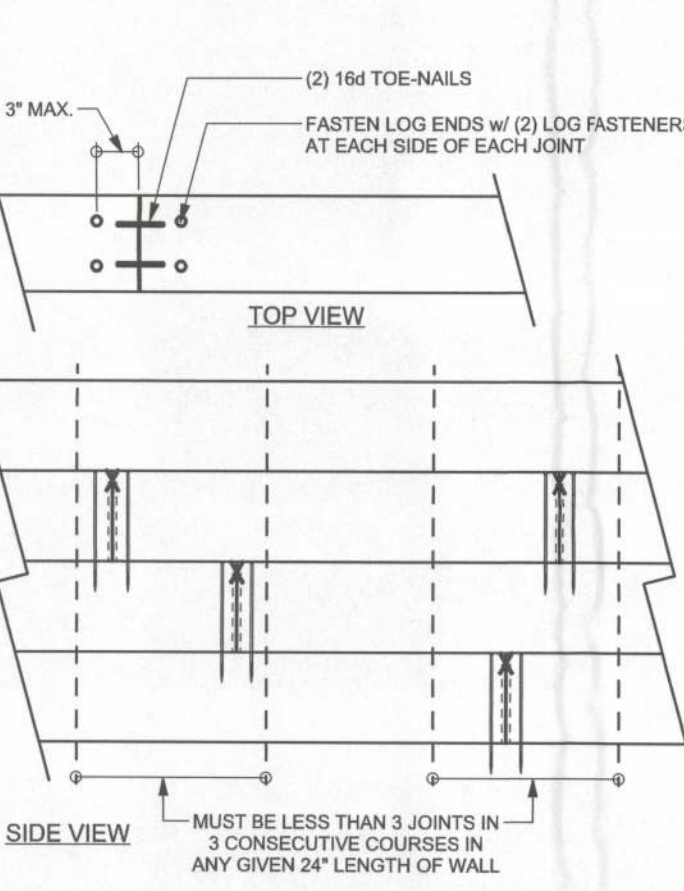
**R74** TYP. PORCH @ TRUSS HEEL DETAIL  
HEAVY TIMBER RAFTERS 8' MAX SPAN

**STRUCTURAL PLAN NOTES:**

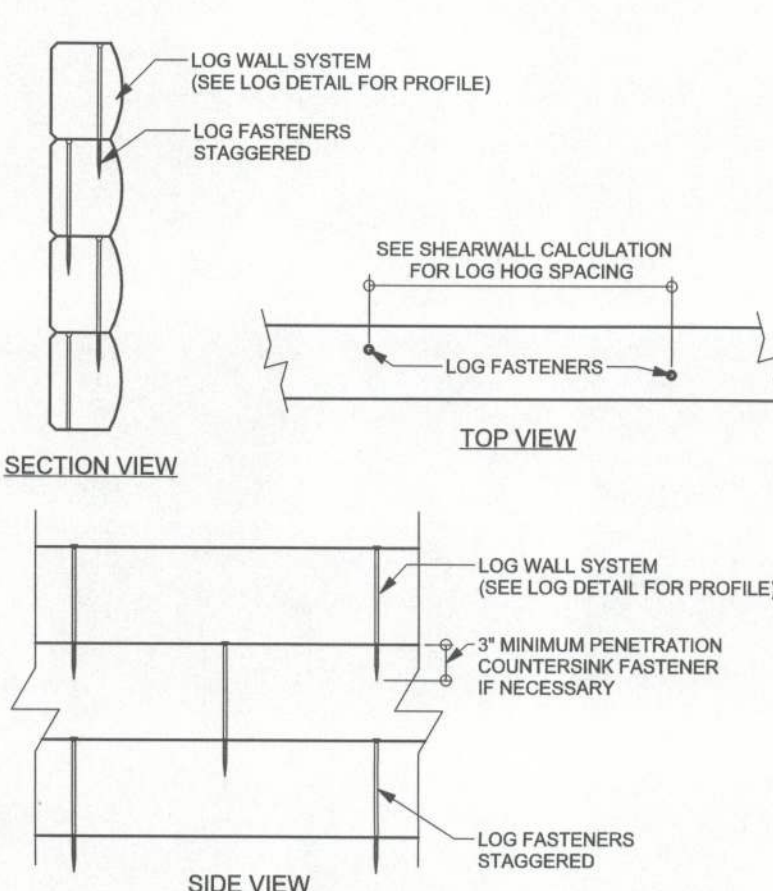
- SN-1 ALL LOAD BEARING LOG HEADERS SHALL BE A MINIMUM OF (2) 6x8 OR (1) 6x12 LOG COURSES (U.O.N.)
- SN-2 ALL LOAD BEARING HEADERS IN FRAMED WALLS SHALL BE A MINIMUM OF (2) 2X10 SYP#2 (U.O.N.)
- SN-3 7/16" O.S.B. WALL SHEATHING FULLY BLOCKED 84 COMMON NAILS 8" OC EDGE, 12" OC FIELD (U.O.N.)
- SN-4 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS



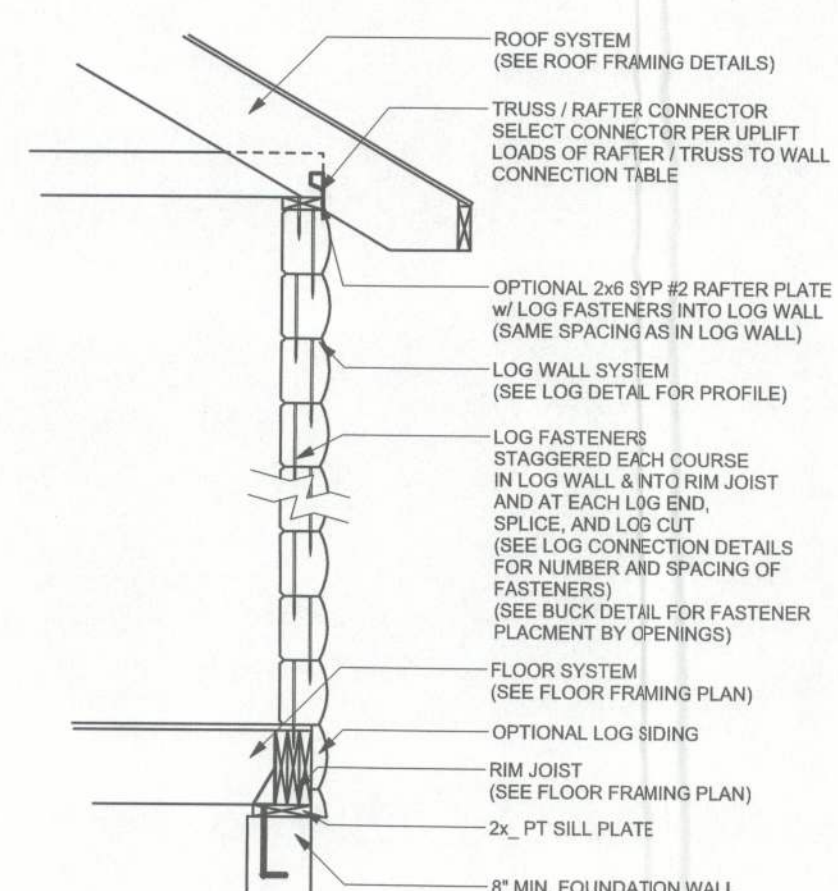
**STRUCTURAL PLAN  
ROOF FRAMING PLAN**  
SCALE: 1/4" = 1'-0"



**W12** LOG WALL JOINT & SPLICE DETAIL  
LOG SCREW FASTENERS  
N.T.S.



**W11** LOG WALL FASTENER PLACEMENT  
LOG SCREW FASTENERS  
N.T.S.



**W21** TYP. 1-STORY LOG WALL SECTION  
ON RIM @ WOOD FLOOR SYSTEM  
1/2" = 1'-0"

1st FLOOR	REQUIRED	ACTUAL
TRANSVERSE	12708 lb.	13187 lb.
LONGITUDINAL	11088 lb.	15015 lb.

ACTUAL SHEAR WALL CAPACITY (FOR LOG WALLS) IS THE TOTAL CAPACITY OF LOG SCREWS (TOTAL CAPACITY = # OF LOG SCREWS x LOG SCREW SHEAR CAPACITY) TO CALCULATE THE TOTAL # OF LOG SCREWS DIVIDE THE WALL LENGTH BY LOG SCREW SPACING AND ADD LOG SCREWS IN FOR EACH CORNER (ALL LOG WALLS ARE SHEAR WALLS)

ACTUAL SHEAR WALL CAPACITY (FOR FRAMED WALLS) IS THE TOTAL LENGTH OF ALL WALL SEGMENTS WITH FULL HEIGHT SHEATHING AND A WIDTH TO HEIGHT RATIO GREATER THAN 1:3.5 TIMES ALLOWABLE SHEAR CAPACITY WITH TABLE 3.17E ADJUSTMENT FROM WFCM-2001 (PLUS SPECIAL SHEAR WALL SEGMENTS IF NOTED). (ALLOWABLE SHEAR CAPACITY = 436 PLF FOR FULLY BLOCKED 7/16\"/>

REQUIRED SHEAR WALL CAPACITY IS FROM WFCM-2001, TABLE 2.5a & 2.5b (OR EQUIVALENT CALCULATION)

LOG FASTENERS @ 18" OC MAX.

**W01** SHEARWALL CALCULATION  
LOG & FRAMED WALLS

REVISIONS

LOG PACKAGE SUPPLIER:  
**CRACKER  
STYLE  
LOG HOMES**  
Highway 27, Williston, Florida  
info@crackerstyleloghomes.com  
(352) 529-2070

WINDLOAD ENGINEER:  
Mark Discoway, PE  
No. 53915, POB 888, Lake City, FL 32056,  
386-754-5419

DIMENSIONS:  
Stated dimensions supercede scaled  
dimensions. Refer all questions to  
Mark Discoway, P.E. for resolution.  
Do not proceed without clarification.

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the express written permission and consent  
of Mark Discoway.

CERTIFICATION: I hereby certify that I have  
examined this plan, and that the applicable  
portions of the plan, relating to  
wind engineering comply with section  
R301.2.1, Florida Building Code 2007 and  
2009 supplements, to the best of  
my knowledge.

LIMITATION: This design is valid for one  
building, at specified location.

MARK DISCOWAY  
PE 53915  
FLORIDA  
REGISTERED PROFESSIONAL ENGINEER

A NEW  
LOG HOME FOR:

MICHAEL & JANET  
HENDERSON

PROJECT ADDRESS: 1061 SW ENGLISH STREET, LAKE CITY, FLORIDA 32024

DESIGNED BY:  
**WILLIAM  
MYERS DESIGN, INC.**  
426 SW Commerce Dr.  
Suite 135  
Lake City, Florida 32025  
Phone: 386-758-8406  
will@willmyers.net

PRINTED DATE:  
September 08, 2011

FINALS DATE:  
2011-09-08

LOG STYLE:  
6x8 F/F CYP LOG

JOB NUMBER:  
1109010

DRAWING NUMBER  
**S.2**  
OF 8 SHEETS