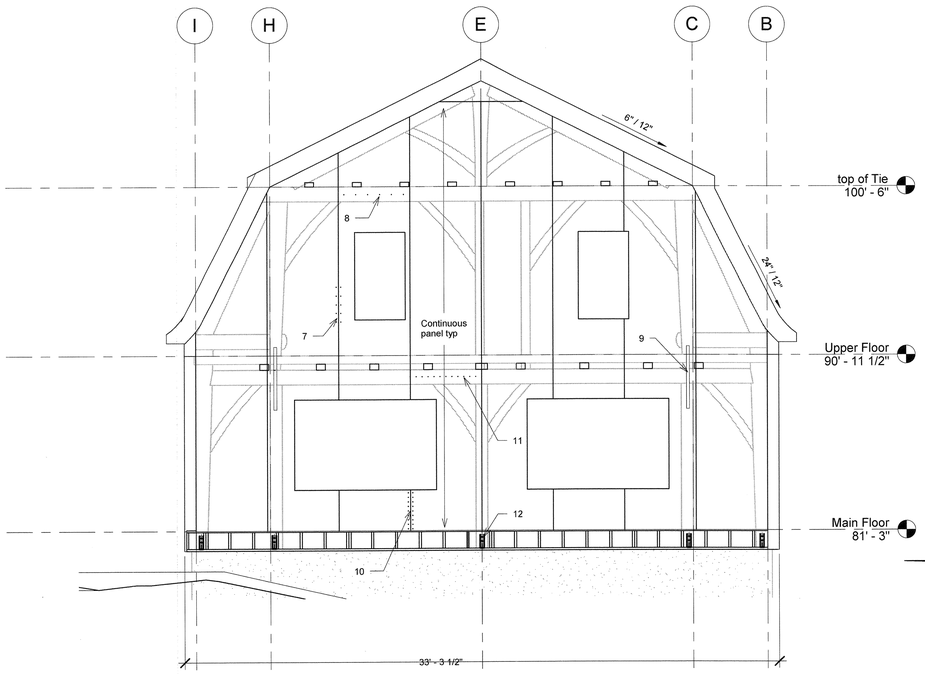
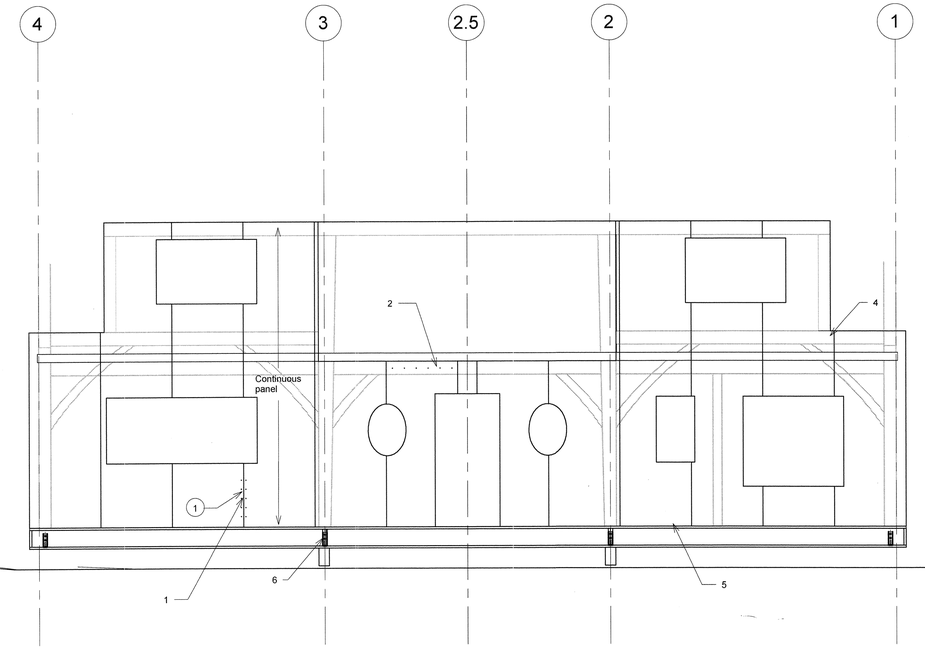


1 East Panel layout
1/4" = 1'-0"



2 South Panel layout
1/4" = 1'-0"

SIP ROOF PANEL FASTENER SCHEDULE

ROOF SPLINE CONNECTIONS: 8d GALVANIZED RINK-SHANK NAILS @ 6" O.C.
ROOF PANELS TO TIMBER SUPPORTS: SIP PANEL SCREWS @ 8" O.C.(MIN 7 FASTENERS/PANEL END)
ROOF SIPS TO WALL SIP @ TOP PLATE (RAKE & EAVES): SIP PANEL SCREW @ 8" O.C.

NOTE: ALL PANEL JOINTS MUST BE SEALED WITH EXPANSIVE FOAM

6 1/2" SIP EXTERIOR WALL CONNECTION SCHEDULE

	WALL	CONNECTION	FASTENER	NOTES
1	NORTH & SOUTH WALLS	OSB SPLINE TO OSB SKINS	8d NAILS @ 6" O.C., B.S.	
2	NORTH & SOUTH WALLS	SIP PANEL TO TIMBER FRAME	SIP PANEL SCREW @ 8" O.C.	
3	NORTH & SOUTH DORMER WALLS ABOVE UPPER FLOOR	DORMER END TIMBER POST TO POST BELOW	SIMPSON MST STRAP (700# CAPACITY)	
4	NORTH & SOUTH DORMER WALLS ABOVE UPPER FLOOR	DORMER END TIMBER POST TO PLATE	TENON W/ (2) ¾" DIA. W.O. PEGS	
5	NORTH & SOUTH WALLS	SIP PANEL SKINS TO INSET 2X AT BOTTOM	8d NAILS @ 6" O.C. B.S.	
6	NORTH & SOUTH WALLS	ANCHOR BOLT SILL TO FOUNDATION WALL	⅝" DIA. A.B. AT 48" O.C. MAX	
7	EAST AND WEST WALLS ABOVE 2nd FLOOR	OSB SPLINE TO OSB SKINS	8d NAILS @ 6" O.C., B.S.	
8	EAST AND WEST WALLS ABOVE 2nd FLOOR	SIP PANEL TO TIMBER FRAME	SIP PANEL SCREW @ 8" O.C.	
9	EAST AND WEST WALLS ABOVE 2nd FLOOR	TIMBER POST @ ROOF PITCH CHANGE TO POST BELOW E.S.	SIMPSON MST 37 STRAP (20 16d NAILS T&B POST)	
10	EAST AND WEST WALLS ABOVE 1rst (MAIN) FLOOR	OSB SPLINE TO OSB SKINS	8d NAILS @ 3" O.C., B.S.	
11	EAST AND WEST WALLS ABOVE 1rst (MAIN) FLOOR	SIP PANEL TO TIMBER FRAME	SIP PANEL SCREW @ 4" O.C.	
12	EAST & WEST WALLS	ANCHOR BOLT SILL TO FOUNDATION WALL	⅝" DIA. A.B. AT 36" O.C. MAX	

NOTE: SIMPSON HD3B HOLDOWNS ARE REQUIRED AT ALL EXTERIOR POSTS.

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STATE OF MAINE
JANET R. MAINE
11917
LICENSED
PROFESSIONAL ENGINEER
8 Aug 2014

No.	Description	Date

Brew
Cushing Island
Portland Maine

SIP Panel layout

Project number	FW-03
Date	4-7-10
Drawn by	Author
Checked by	Checker

S107

Scale 1/4" = 1'-0"

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