

WOOD TRUSSES
Spaced @ 12"oc

STRUCTURAL DESIGN CRITERIA:

1. Building Code: Maine Building and Energy Code (MUBEC) w/
IRC 2009 & IECC2009

2. Design Loads:

Design Wind:
Basic Wind Speed = 100 mph
Exposure Category "B"
Importance Factor = 1.0

Design Snow:
Ground Snow = 60
Thermal Factor = 1.0
Import. Factor = 1.0
Exposure Factor = 1.0

NOTES:

1. ALL WORK SHALL COMPLY WITH THE LOCAL BUILDING CODE. (MUBEC)
2. VERIFY ALL DIMENSIONS IN THE FIELD PRIOR COMMENCING WORK.
3. ALL FRAMING MATERIAL SHALL BE SPF#2 OR BETTER

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MACLEOD
STRUCTURAL ENGINEERS, PA

PROJ NO: 2017-045

BY: BWM

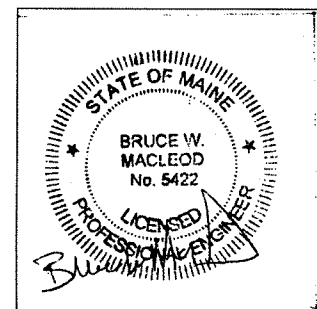
DATE: 05/16/17

PROJECT: ENTRY PORCH ROOF TRUSSES

142 DOUGLASS ST

PORTLAND, MAINE

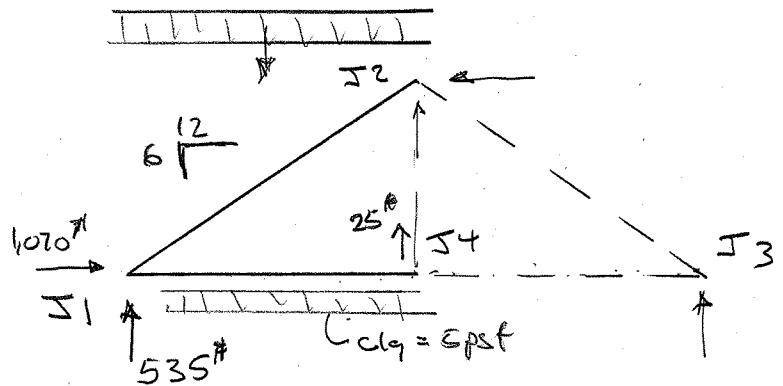
SHEET NO. sk-1



PORTH ROOF TRUSSLOADS @ 2ft ocLC 7

$$W = 214 \text{ plf}$$

$$R = \frac{Wd}{2} = 535 \#$$



TYP MEMBER

= 2x4 SPF #2 - N.G.

SPACE TRUSSES @ 1' o.c. OF DOUBLE TRUSSES @ 2' o.c.- TYP. CHORD = 2x4 SPF #2 $U = 0.95$ L1.0 \checkmark ok

- TYP. CONN. CHORD TO CHORD,

10-8d Nails w/ 22 ga steel side pls.

$$V_a = 68 \# \times 10 = 680 \# \checkmark$$
 ok

• USE 2x4 TRUSSES @ 12" oc

Attach members w/ 22 ga stl. plates w/ 5 Nails EA. MEMBER
BOTH SIDES