

Your mini Barn @ gmail.com



ECO Architect Designs & Landscapes, PLLC.

"An ECO approach to provide the best fit for each design challenge within budget and time limits"

Michael Belt, RA, NCARB
918 Dykstra Road
North Muskegon, MI 49445
517.525.1204
Email: michael.belt@comcast.net

53

PROJECT: Proposed Log Shed Review Report

(photos available upon request)

DATE: Nov. 03, 2023

PROJECT: Log Shed Structures

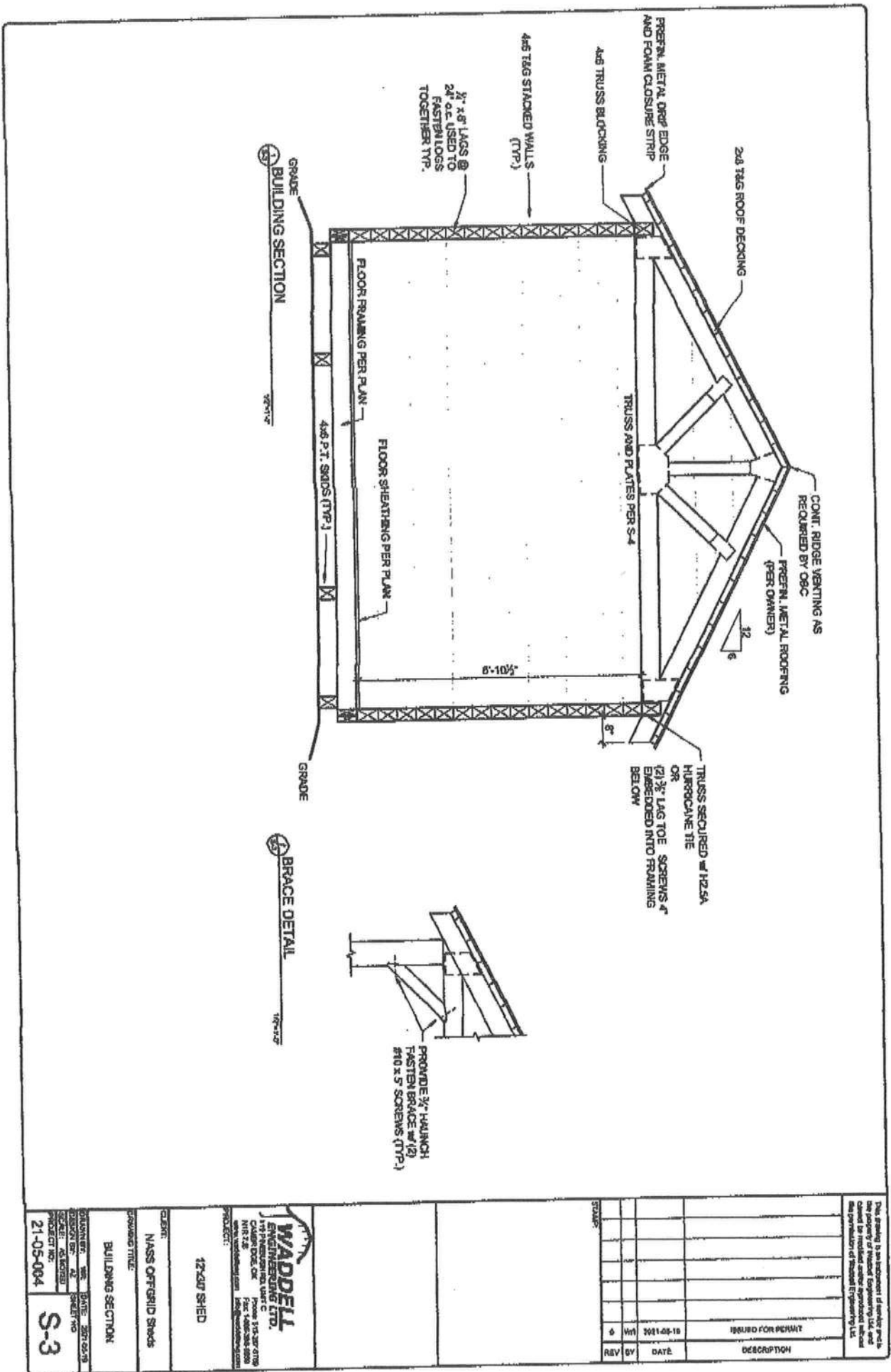
Architect: ECO Architect Designs & Landscapes, PLLC
Michael Belt, RA, NCARB
918 Dykstra Road
North Muskegon, MI 49445
517.525.1204 (mobile)
michael.belt@comcast.net



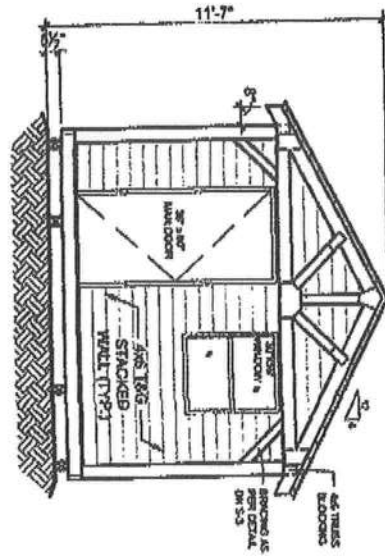
Dear Michael, (see@ibylax.com) ph. 660.773.5100

The following is my professional statement that hereby endorses that typical 12' w. (max 14' w.) by varies lengths of prefabricated log shed structures providing they meet the following conditions:

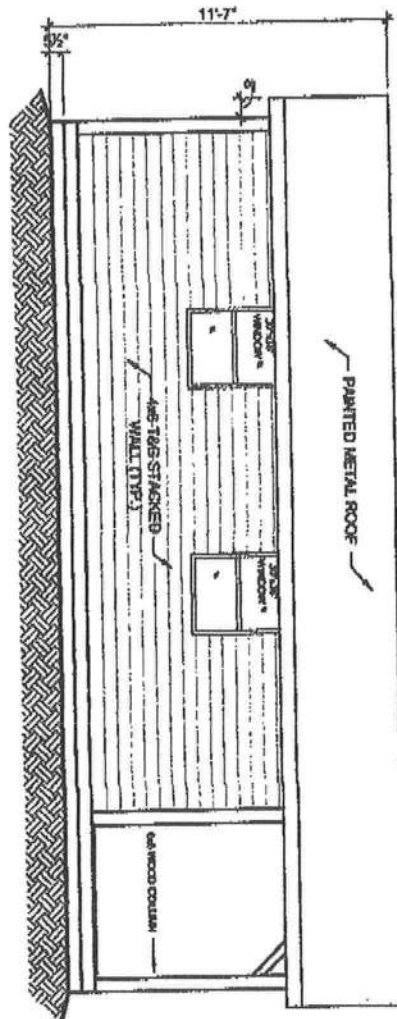
- Conventional manufactured wood truss gable roof framing shall meet State of Florida wind and gravity weights of roofing assembly materials, pine log support walls and integral foundation systems as follows:
- Since log structures are heavier than normal framed members, the foundation shall be 6 sack concrete mix with Fiber-mesh reinforcement for an integral foundation system. Optional EZ sealer mix is recommended for wet environments.
- Pressure treatment for wood members in contact with concrete as well as tie-down anchors meeting local requirements shall be provided. Termite shields / flashings as well as soil treatment shall be provided for insect control.
- Log wall assembly uses standard log "keying" system similar to notching without extensive log ends.
- Log headers over doors and window openings are suitable, complete with jamb lining for door and window openings as well.
- Suitable plate logs at the top of the wall receive and support the roof structure via Simpson Strong tie H-I hurricane clips and Twist / Strap anchors, if needed to meet the structural integrity of roof to wall assembly.
- Windows shall be standard with option for closable shutters for additional storm protection.
- The entire exposed wood log structure shall be protected with clear wood sealer or approved equivalent for water resistant protection.



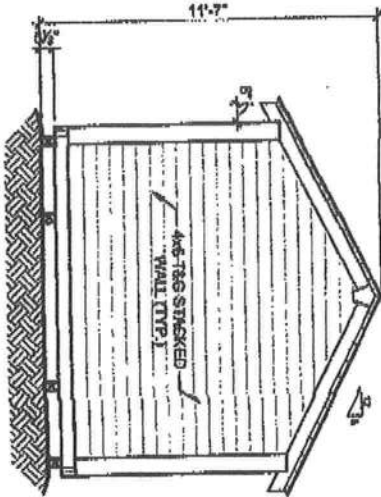
SOUTH ELEVATION



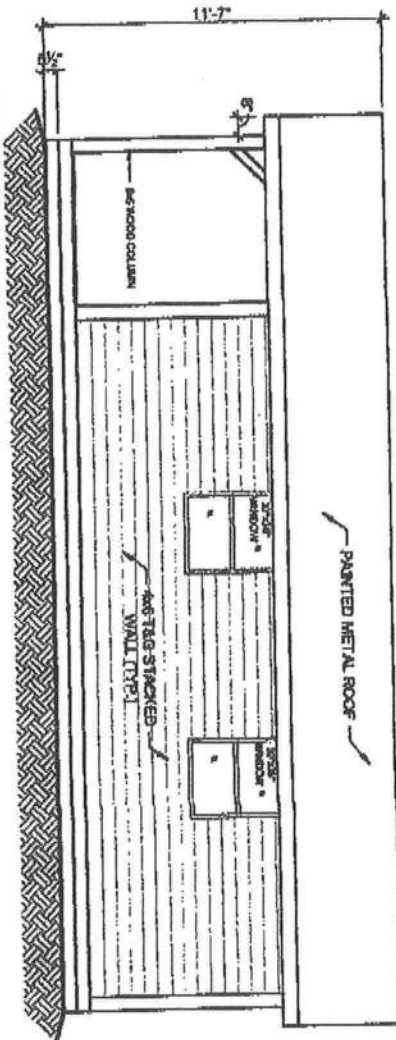
WEST ELEVATION



NORTH ELEVATION



EAST ELEVATION

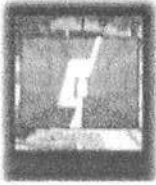


This drawing is the property of Waddell Engineering Ltd. and is not to be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage and retrieval system, without the prior written permission of Waddell Engineering Ltd.

REVISION		DATE	BY	APP
1	ISSUED FOR PERMIT	2021-06-10	W	D

WADDELL
ENGINEERING LTD.
19 PHEASANT CREST UNIT C
CALABROO, ON L1R 4A6
P: 905-881-1234
F: 905-881-1235
www.waddelleng.com
info@waddelleng.com

PROJECT: 12X30 SHED
CLIENT: MASS OFF-GRID SHEDS
DRAWING TITLE: ELEVATIONS
DRAWN BY: WJH
CHECKED BY: WJH
SCALE: AS NOTED
PROJECT NO.: 21-05-004
DATE: 2021-05-10
SHEET NO.: S-2



ECO Architect Designs & Landscapes, PLLC.

"An ECO approach to provide the best fit for each design challenge within budget and time limits"

Michael Belt, RA, NCARB

918 Dykstra Road
North Muskegon, MI 49445
517.5251204
Email: michael.belt@comcast.net

PROJECT: Proposed Log Cabin Report for Mike Fox, Owner

DATE: May 7, 2024

PROJECT: Log Cabin Report - Columbia Co. Florida

For Mike Fox, 904.570.2648
Email: mfoxmanson@gmail.com

Architect: ECO Architect Designs & Landscapes, PLLC
Michael Belt, RA, NCARB
918 Dykstra Road
North Muskegon, MI 49445
517.525.1204 (mobile)
michael.belt@comcast.net

Dear Mike,

The following is my professional statement in addition to previous communications, that hereby endorses your **14'x42'prefabricated log cabin** structure providing they meet the following conditions:

- Upon review of the drawings, this certification confirms that the design will meet State of **Florida 2023 Residential Building Code**, current addition.
- Drawings noted to also will meet minimum **wind load zone #2**.

Further information for Reference:

My understanding is that this structure will be utilized initially as a primary residence then later as an accessory structure @ 450 sf or greater (actual **588**) and as less than 800 sf, which qualifies.

Please contact me if further questions or clarifications are needed.

Respectfully submitted,

Michael Belt

Michael Belt, RA, NCARB
ECO Architect & Landscapes, PLLC
Cell 517.525.1204

Cc Mr. Crews, Building Official

