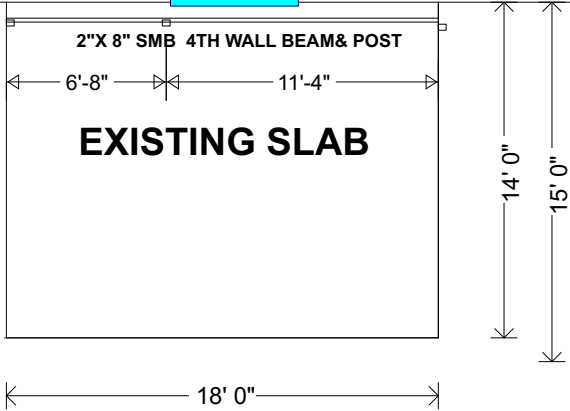




HOME

LIVING ROOM

EXISTING SLIDING GLASS DOOR



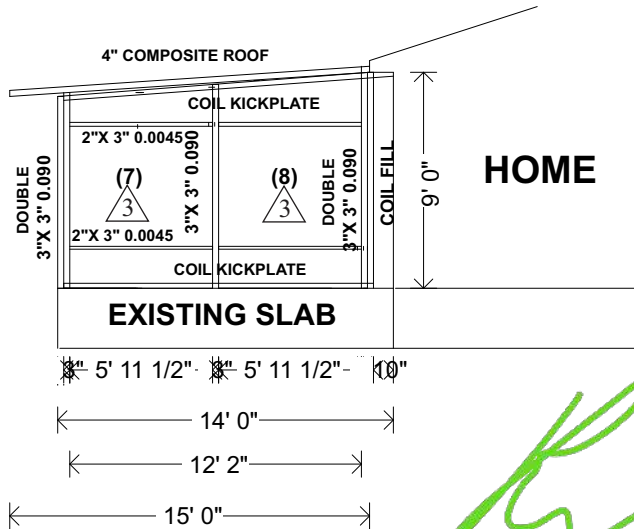
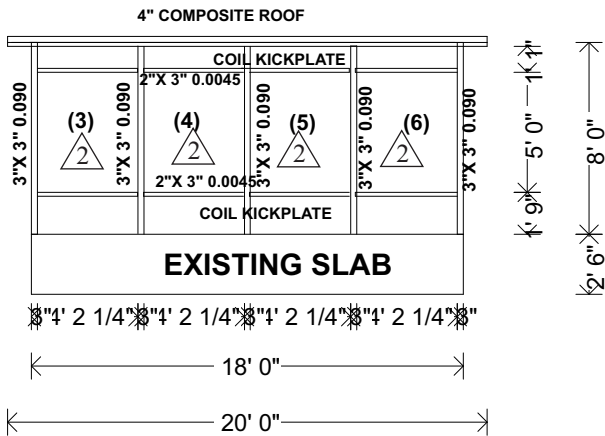
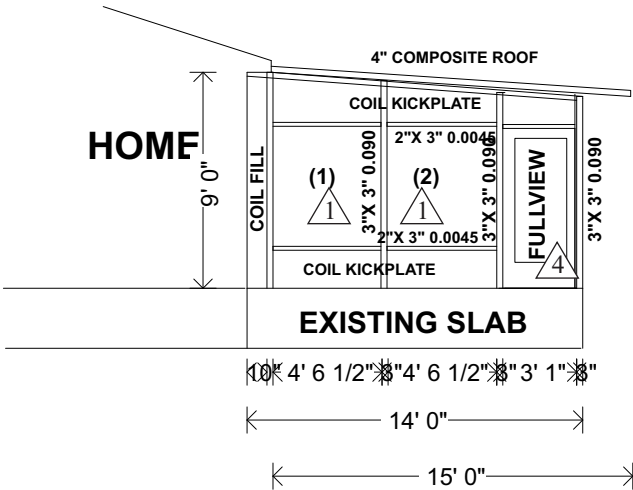
DESIGN PRESSURES FOR OPENINGS		
OPENING MARK	MAX + PRESS. PSF	MAX - PRESS. PSF
1	16.4	-21.2
2	17.2	-23.0
3	16.1	-20.6
4	16.5	-21.5

INSTALL WINDOWS/ DOORS PER MANUFACTURER SPECIFICATIONS

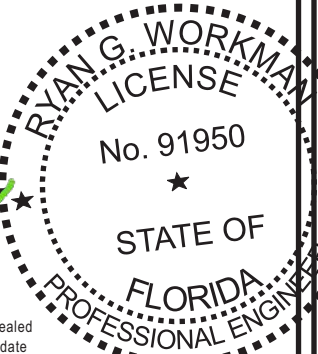
- ENGINEERING NOTES:
- ENGINEERING MEETS OR EXCEEDS 2023 FLORIDA BUILDING CODE (8th EDITION), RESIDENTIAL, PER SECTION R301 USING ASCE-7-22 120 mph BASIC WIND SPEED (Vult), RISK CATEGORY II, Vasd= 93 MPH.
 - EXPOSURE C
 - INTERNAL PRESSURE COEFFICIENT= +/-0.18
 - ALL ALUMINUM MEMBERS TO BE 6005 T5 OR BETTER BASED ON AVAILABILITY.

SCOPE OF WORK
CAT III
SUN ROOM

SIMONTON SLIDING WINDOWS
VINYL FRAME WINDOWS
LOW E 366 WHITE FRAME
(1) 54-1/2" X 60" OX
(2) 54-1/2"X 60" XO TEMP
(3) 50-1/4"X 60" OX TEMP
(4) 50-1/4"X 60" XO
(5) 50-1/4"X 60" OX
(6) 50-1/4"X 60" XO
(7) 71-1/2"X 60" OX
(8) 71-1/2"X 60" XO
CUSTOM WINDOWS PRIME DOOR
FULLVIEW WHITE FRAMEH/R
36"X 80" LOW E 366



This item has been digitally signed and sealed by Ryan G. Workman, PE #91950 on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.



WHITE
ALUMINUM & WINDOWS
Improving Home & Life For 60 Years!

2101 Us Hwy 441
LEESBURG, FL 34748
(352) 787-6783

PROJECT FOR:

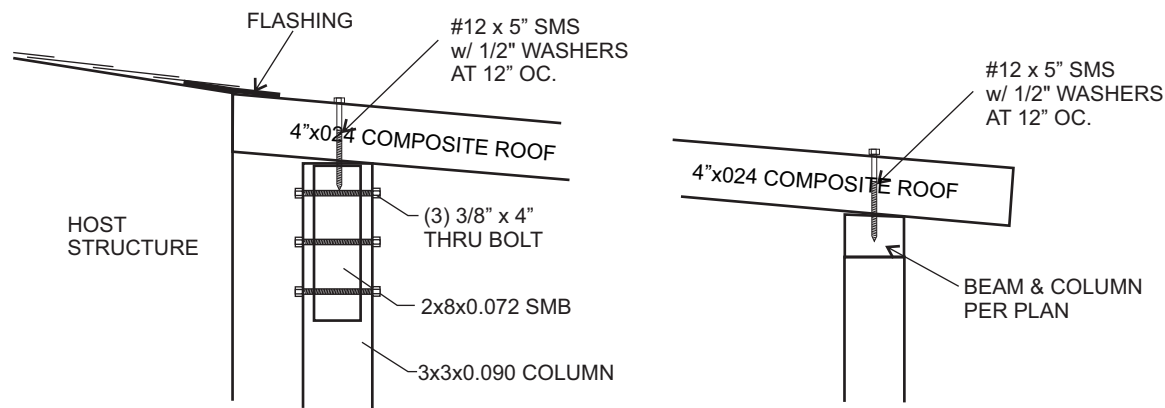
MALINDA CLEMONS
684 SW WHITETAIL CIR
LAKE CITY, FL 32024

Lildon Engineering Company
548-B South Highway 27
Minneola, Florida 34715
(352) 394-2590
lildonengineering@gmail.com
Cert. of Auth. #2898

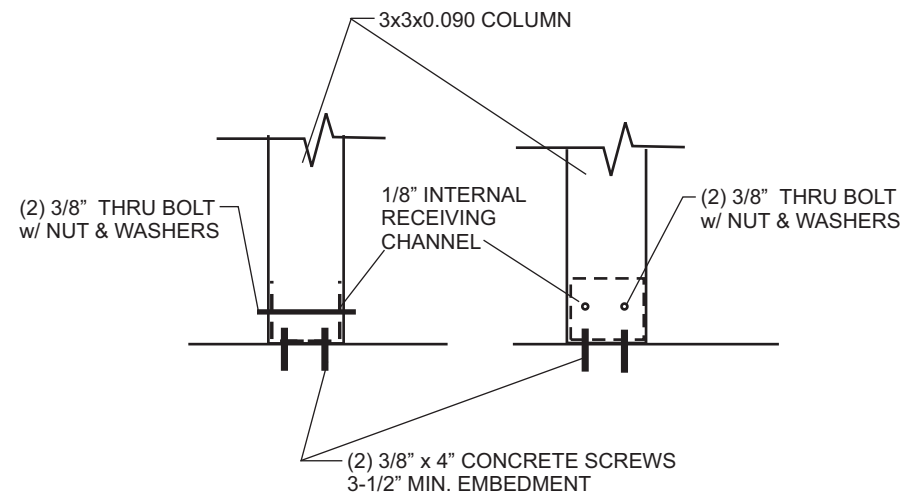
Ryan
Workman

Digitally signed by
Ryan Workman
Date: 2024.03.08
14:53:52 -05'00'

March 8, 2024
Ryan G. Workman PE # 91950



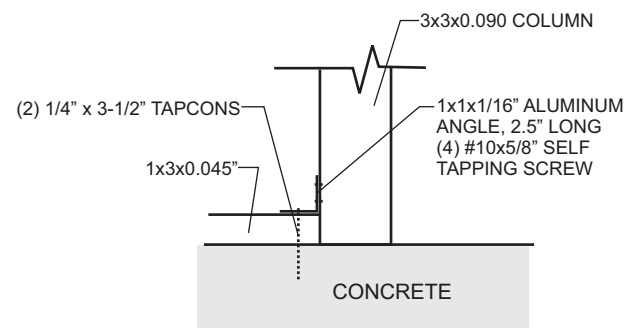
ROOF SECTION DETAIL



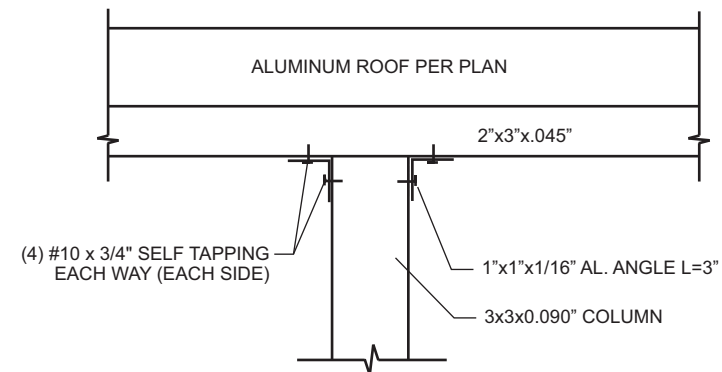
POST TO CONCRETE DETAIL

1x2x0.044" OR 1x3x0.044"
FASTEN TO CONCRETE SLAB,
CMU WALL WITH 1/4x3-1/2"
CONCR. SCR. 24" OC.
FASTEN TO FRAME WALL OR
WOOD POST WITH
#10x3-1/2" SCR. 24" OC.
FASTEN TO ALUMINUM POST
WITH #10x1-1/2" SMS 24" OC.

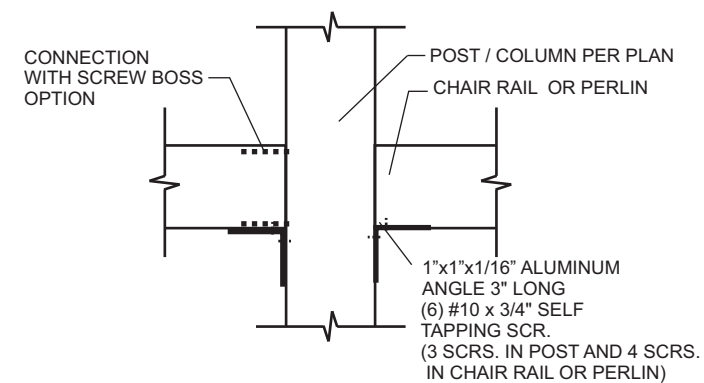
**ALUMINUM TO FRAME,
CMU WALL, OR CONCRETE SLAB**



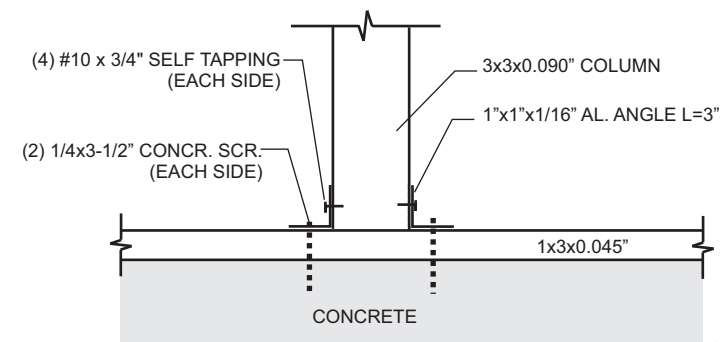
**POST TO CONCRETE
AT CORNER/DOOR**



**POST TO HEADER
FRONT VIEW**

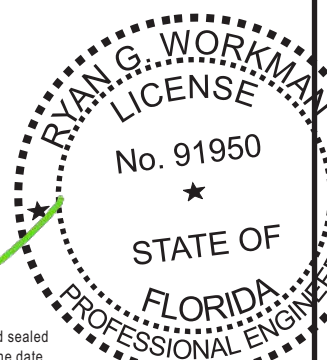


CROSS CONNECTION DETAIL



**POST TO CONCRETE
FRONT VIEW**

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adjacent to the seal. Printed copies of this document
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