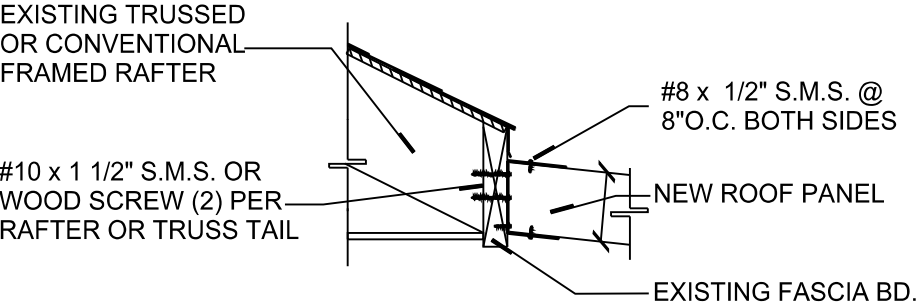
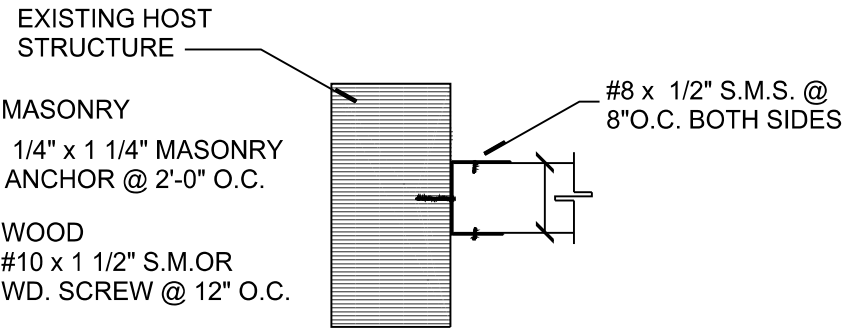


SOLID PANEL PRODUCTS



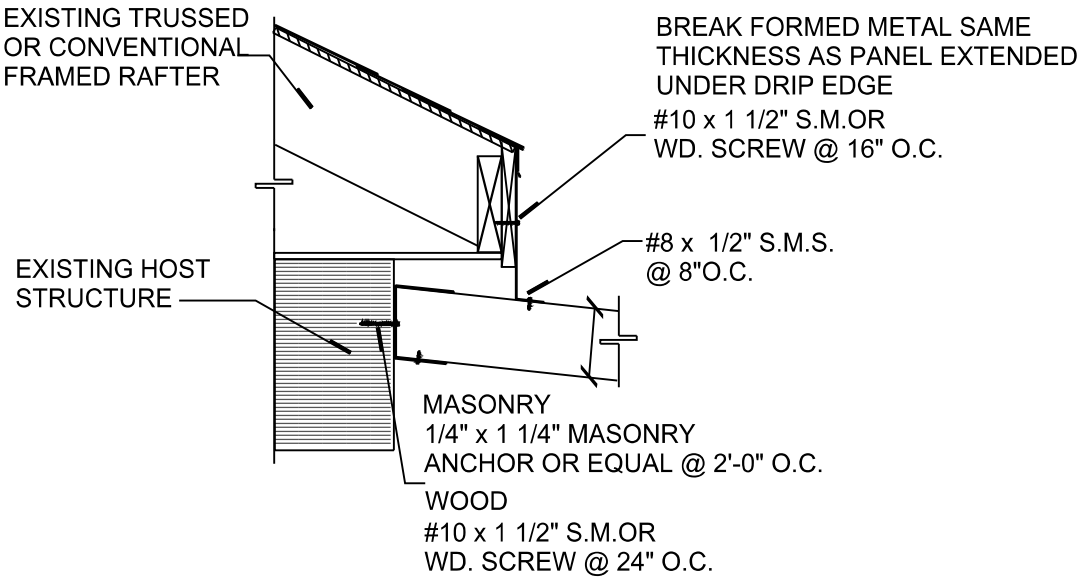
ROOF PANEL TO FASCIA DETAIL

SCALE: N.T.S.



ROOF PANEL TO WALL DETAIL

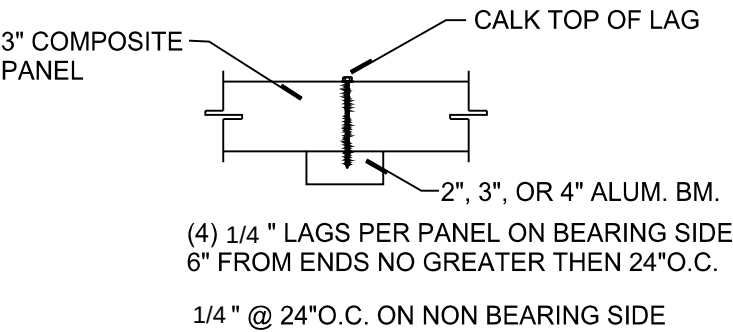
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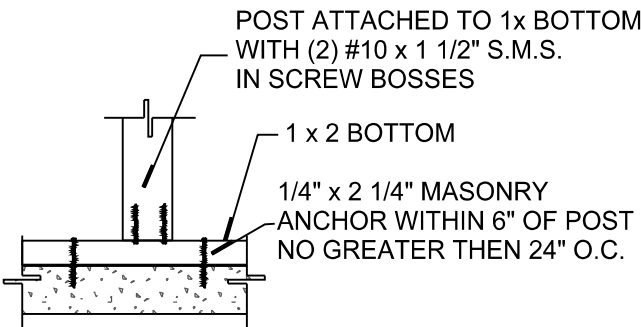
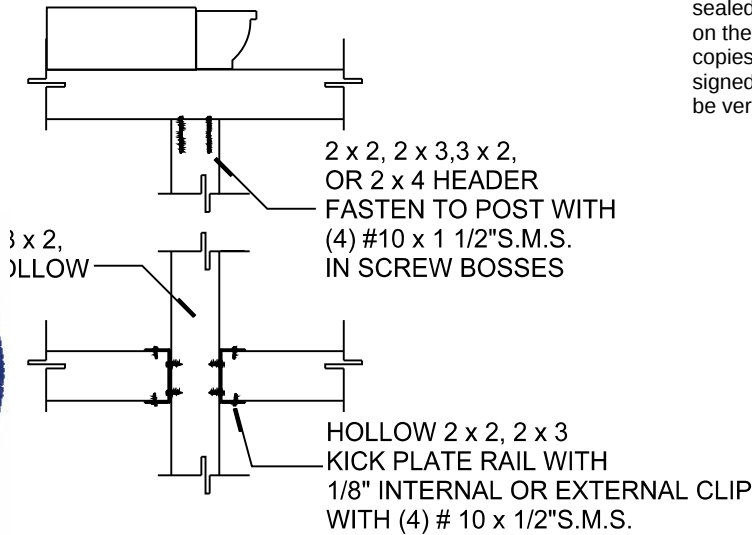
ALT. COMPOSITE ROOF PANEL TO WALL DETAIL

SCALE: N.T.S.

ROOF PANEL TO BM. DETAIL

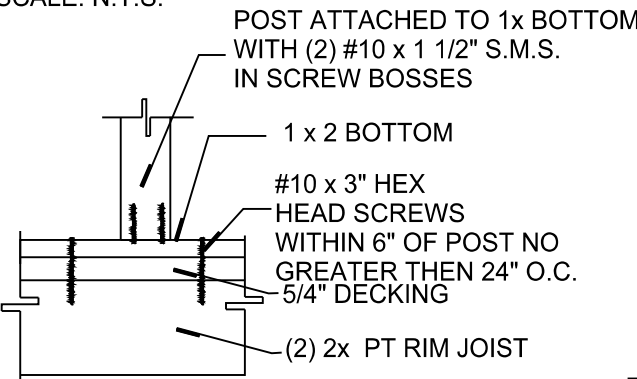


ACRYLIC, VINYL & SCREEN RMS.



TYP. UPRIGHT DET.

SCALE: N.T.S.



BOT. TO WOOD DET.

SCALE: N.T.S.

THIS PLAN HAS BEEN DESIGNED WITH WIND LOADS USED FOR SCREEN & VINYL ROOMS FROM CHAPTER 20 OF FLORIDA BUILDING CODE 8TH EDITION (2023). THIS STRUCTURE IS TO BE AN ADDITION TO AN EXISTING STRUCTURE. THE LOADS ASSUME A MEAN ROOF HEIGHT OF LESS THAN 30 FT. ROOF SLOPE OF 0 DEGREES TO 20 DEGREES ALL LOADS ARE BASED ON 2020 SCREEN OR LARGER. WINDO EXPOSURE C, RISK CATEGORY II
150 MPH ULTIMATE WIND SPEED: VASD = 116 MPH
WINDWARD SURFACE 43PSF
LEEWARD SURFACE 34 PSF
SCREEN UPLIFT 12 PSF
SOLID SURFACE UPLIFT 36 PSF
PRESSURES ARE LISTED AS STRENGTH DESIGN PRESSURES
160 MPH ULTIMATE WIND SPEED: VASD = 124 MPH
WINDWARD SURFACE 49 PSF
LEEWARD SURFACE 39 PSF
SCREEN UPLIFT 14 PSF
SOLID SURFACE UPLIFT 41 PSF

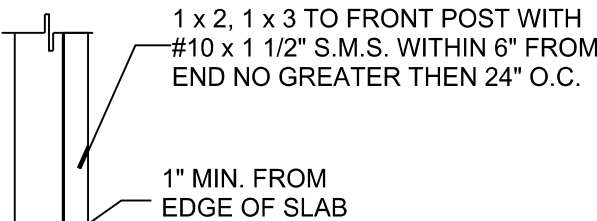
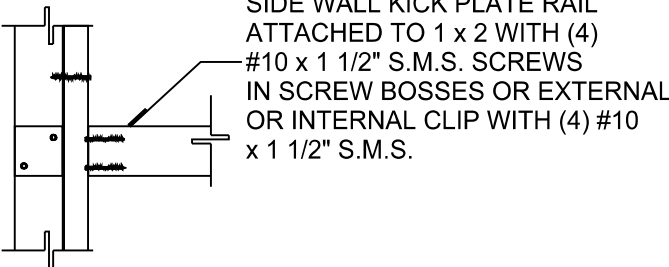
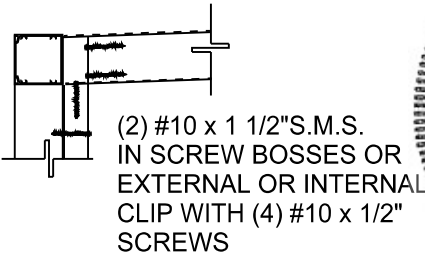


Digitally signed by Tomas Ponce
Date: 2024.11.19
18:56:36-05'00'

This item has been digitally signed and sealed by [Tomas Ponce PE, FL # 0050068], 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.

EXTRUSION

1 x 2 HOLLOW	.044
1 x 3 HOLLOW	.044
2 x 2 HOLLOW	.044
2 x 3 HOLLOW	.045
2 x 4 HOLLOW	.045
2 x 5 HOLLOW	.050



SEE PLAN FOR FOUNDATION

TYP. & ALTERNATE CORNER DET.

SCALE: N.T.S.

DESIGN & BUILDING CONCEPTS, LLC
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THIS PLAN HAS BEEN REVIEWED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - RESIDENTIAL 8TH EDITION (2023)

TOMAS PONCE MSCE, PE
FL PE #50068
367 MEDALLION PL
CHULUOTA, FL 32766
PH: (407) 484-0037
11/19/2024



DESIGNED BY: All FI Window & Screen LLC
43 S. Charles Richard Beall Blvd
DeBary, FL 32713

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Sheet:	3	Of:	