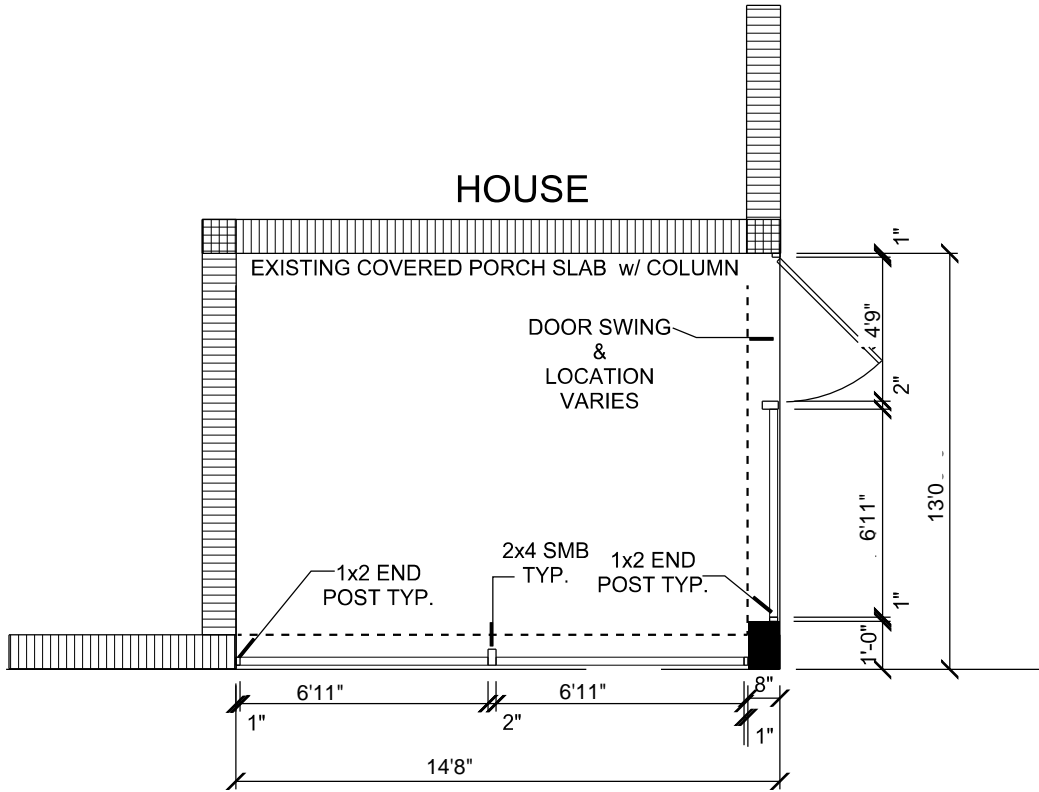
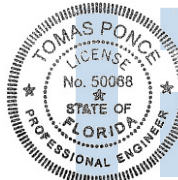


THIS PLAN HAS BEEN DESIGNED WITH WIND LOADS USED FOR SCREEN & VINYL ROOMS FROM CHAPTER 20 OF FLORIDA BUILDING CODE 8TH EDITION (2023). THIS STRUCTURE IS TO BE AN ADDITION TO AN EXISTING STRUCTURE. THE LOADS ASSUME A MEAN ROOF HEIGHT OF LESS THAN 30 ft. ROOF SLOPE OF 0 DEGREES TO 20 DEGREES. ALL LOADS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



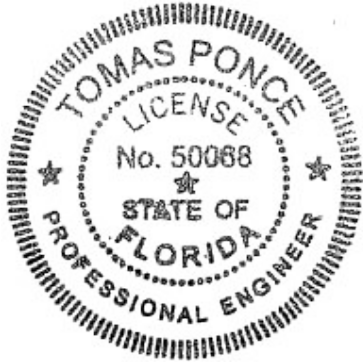
FLOOR PLAN

SCALE: 1/4"=1'-0"



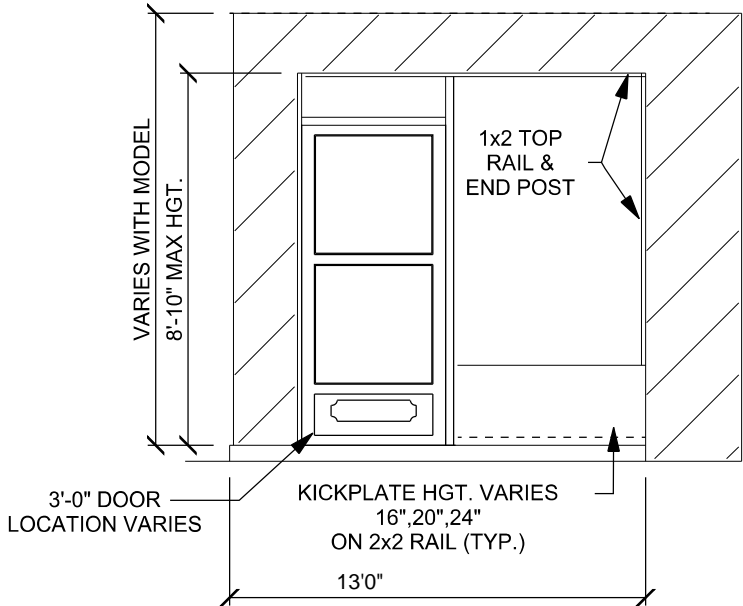
Tomas Ponce MSCE, PE
367 Medallion Pl.
Chuluota FL 32766
FL. PE # 50068
407-484-0037

Digitally signed
by Tomas Ponce
Date:
2024.11.19
18:57:40-05'00'



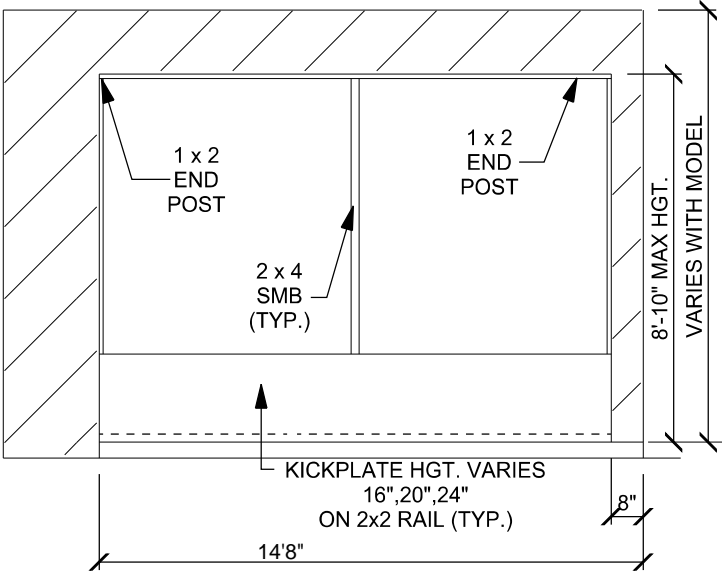
This item has been digitally signed and sealed by [Tomas Ponce PE, FL # 0050068], on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

- GENERAL NOTES:
1. MAX HEIGHT TOP OF 1x2 TO BOT. OF 1x2 IS 8'-10"
MAX. HGT.2x4 SMB IS 8'-10"
 2. MAX DISTANCE BETWEEN 2x4 POSTS IS 6'-6"



SIDE ELEVATION

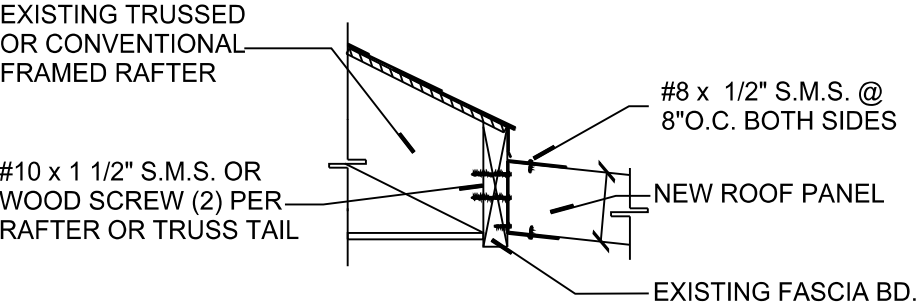
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REAR ELEVATION

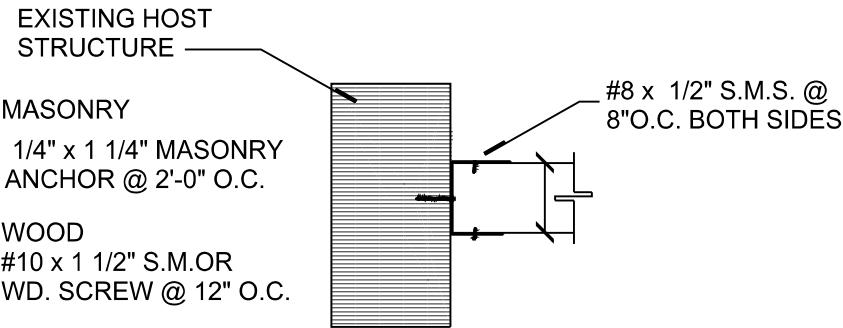
SCALE: 1/4"=1'-0"

SOLID PANEL PRODUCTS



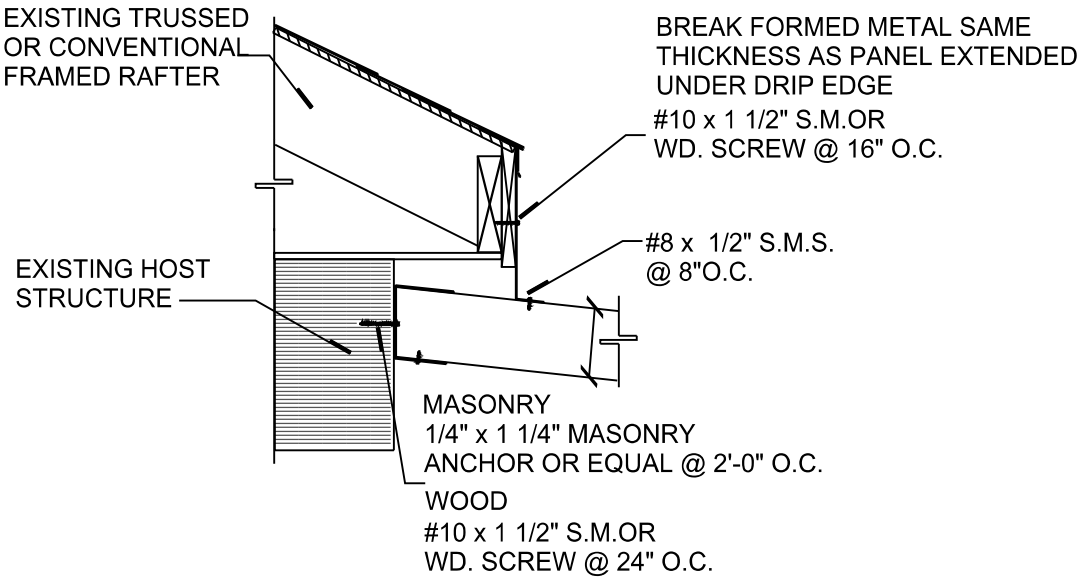
ROOF PANEL TO FASCIA DETAIL

SCALE: N.T.S.



ROOF PANEL TO WALL DETAIL

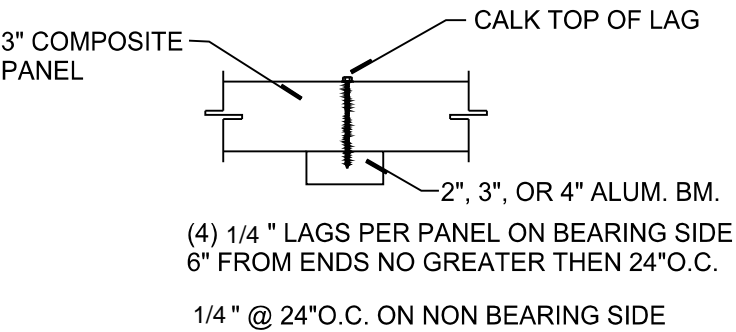
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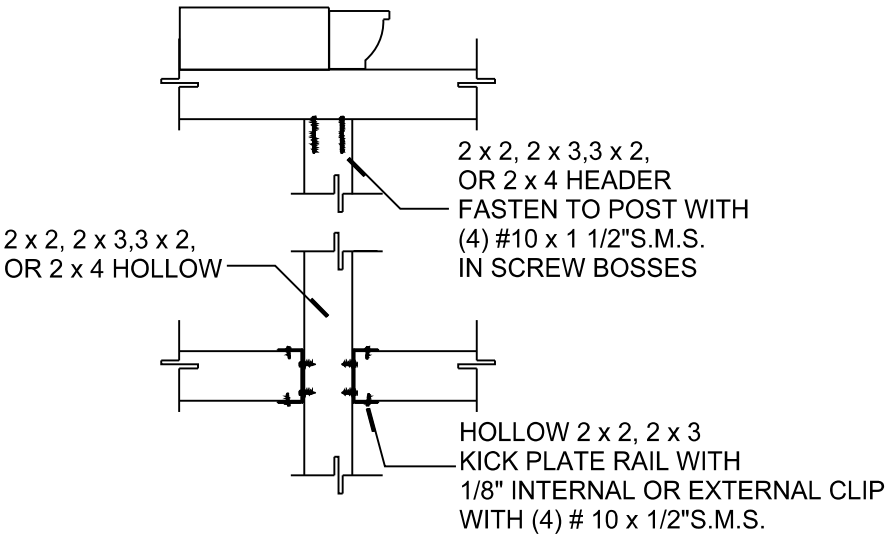
ALT. COMPOSITE ROOF PANEL TO WALL DETAIL

SCALE: N.T.S.

ROOF PANEL TO BM. DETAIL

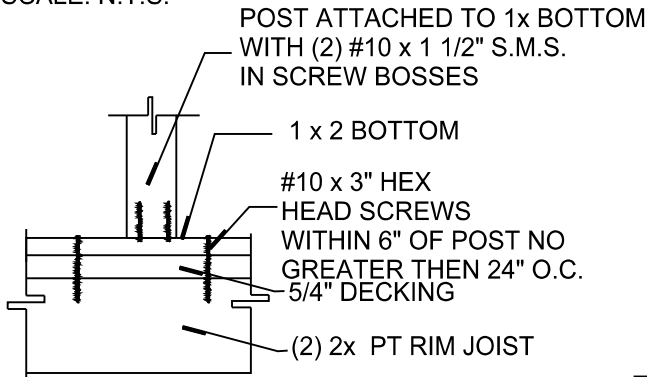


ACRYLIC, VINYL & SCREEN RMS.



TYP. UPRIGHT DET.

SCALE: N.T.S.



BOT. TO WOOD DET.

SCALE: N.T.S.

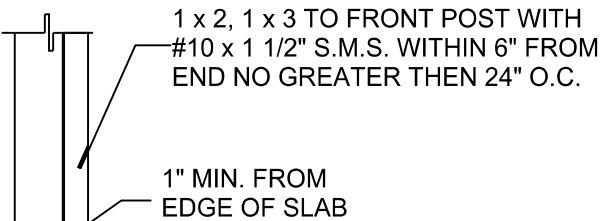
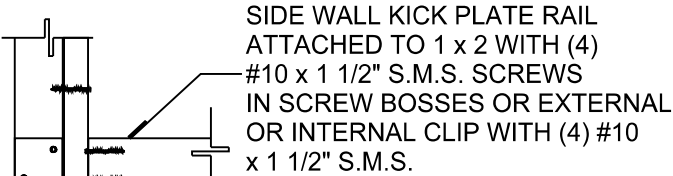
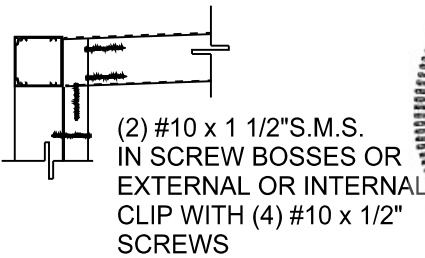
THIS PLAN HAS BEEN DESIGNED WITH WIND LOADS USED FOR SCREEN & VINYL ROOMS FROM CHAPTER 20 OF FLORIDA BUILDING CODE 8TH EDITION (2023). THIS STRUCTURE IS TO BE AN ADDITION TO AN EXISTING STRUCTURE. THE LOADS ASSUME A MEAN ROOF HEIGHT OF LESS THAN 30 FT. ROOF SLOPE OF 0 DEGREES TO 20 DEGREES ALL LOADS ARE BASED ON 2020 SCREEN OR LARGER. WINDO EXPOSURE C, RISK CATEGORY II

150 MPH ULTIMATE WIND SPEED:	160 MPH ULTIMATE WIND SPEED
VASD = 116 MPH	VASD = 124 MPH
WINDWARD SURFACE 43PSF	WINDWARD SURFACE 49 PSF
LEEWARD SURFACE 34 PSF	LEEWARD SURFACE 39 PSF
SCREEN UPLIFT 12 PSF	SCREEN UPLIFT 14 PSF
SOLID SURFACE UPLIFT 36 PSF	SOLID SURFACE UPLIFT 41 PSF

PRESSURES ARE LISTED AS STRENGTH DESIGN PRESSURES

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.

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cell: 407.970.6974
johnstonk@gmail.com
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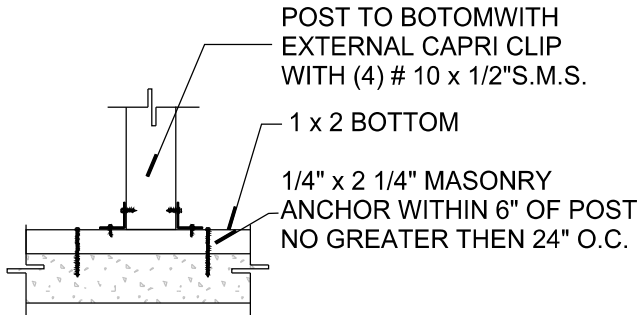
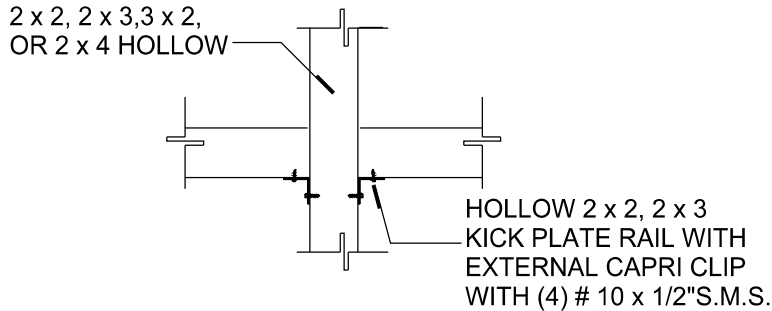
THIS PLAN HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE - RESIDENTIAL 8TH EDITION (2023)*

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

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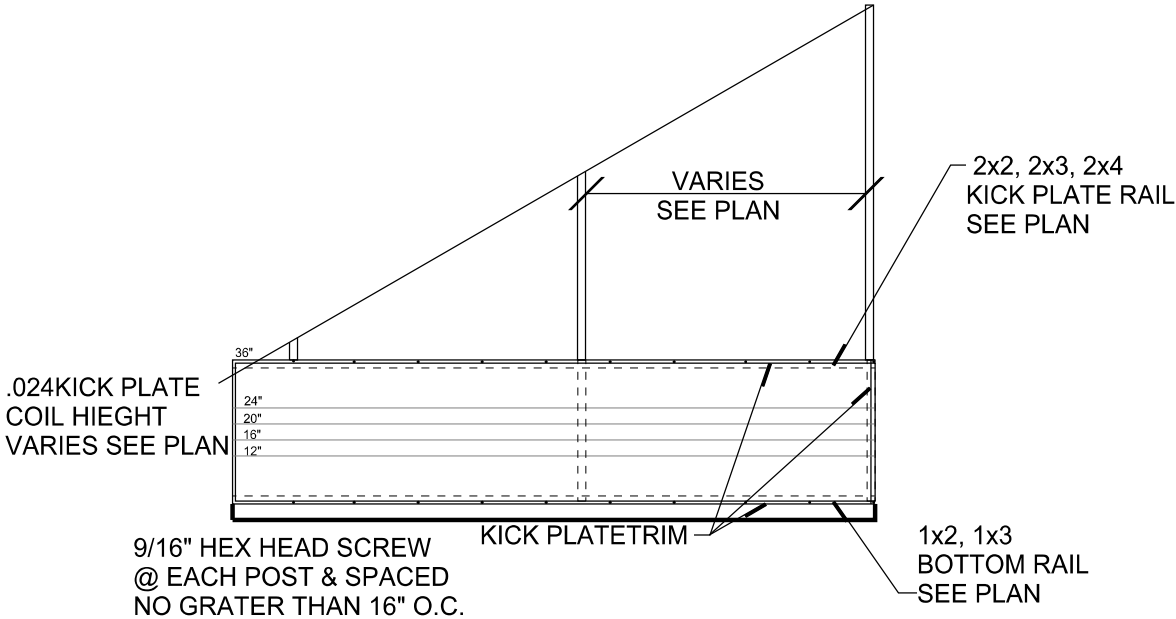
Plan Name: MARONDA HOMES
9FC00301 FOREST COVE
218 SW CADENCE GLEN
LAKE CITY, FL 32024

Sheet: 3 Of:



ALT. UPRIGHT DET.

SCALE: N.T.S.



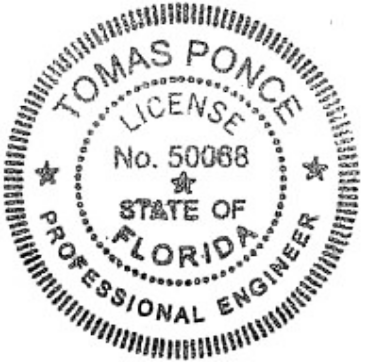
KICK PLATE DET.

SCALE: N.T.S.

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PRESSURES ARE LISTED AS STRENGTH DESIGN PRESSURES



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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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DETAILS	MARONDA HOMES	9FC00301 FOREST COVE	218 SW CADENCE GLEN LAKE CITY, FL 32024
---------	---------------	----------------------	--

Sheet:

3.1

Of: