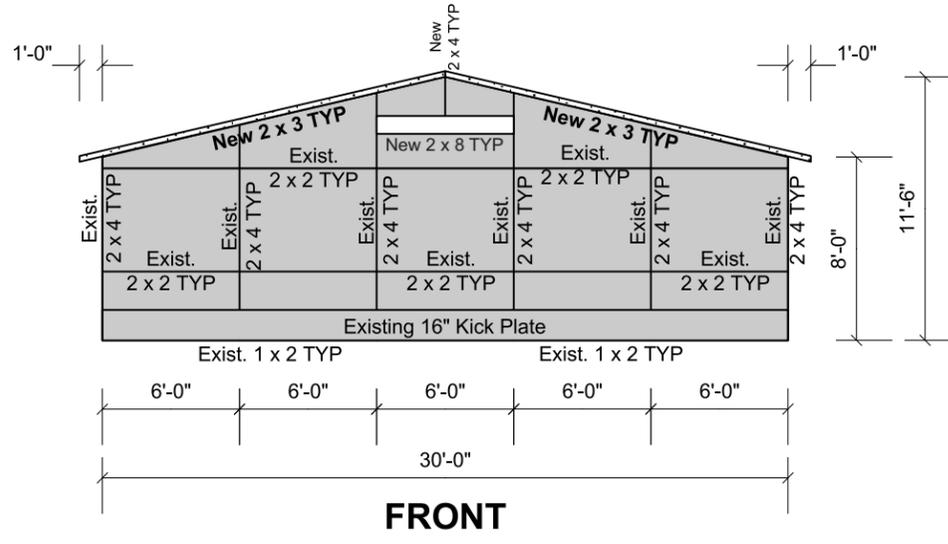
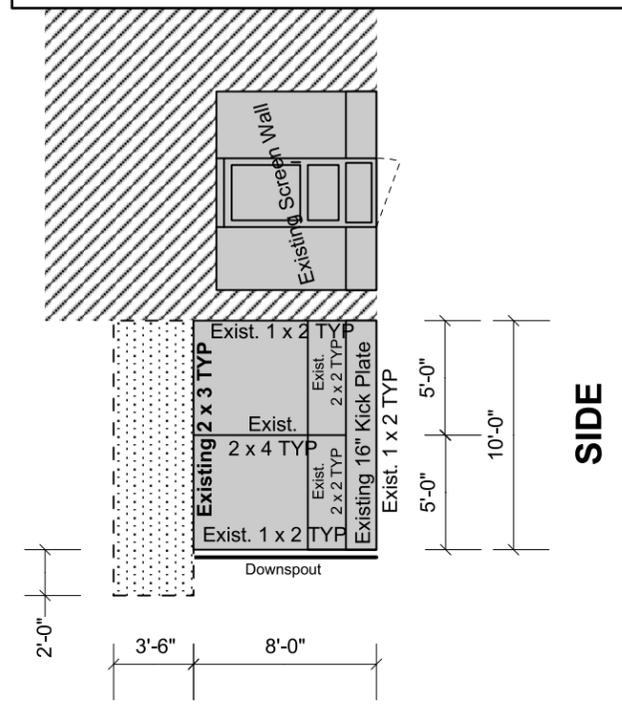
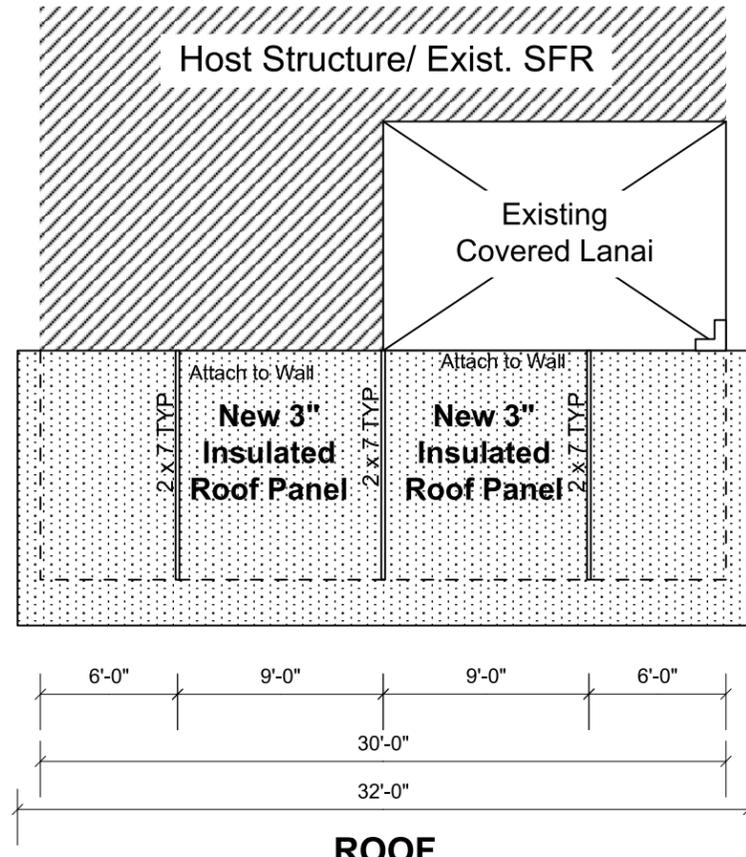
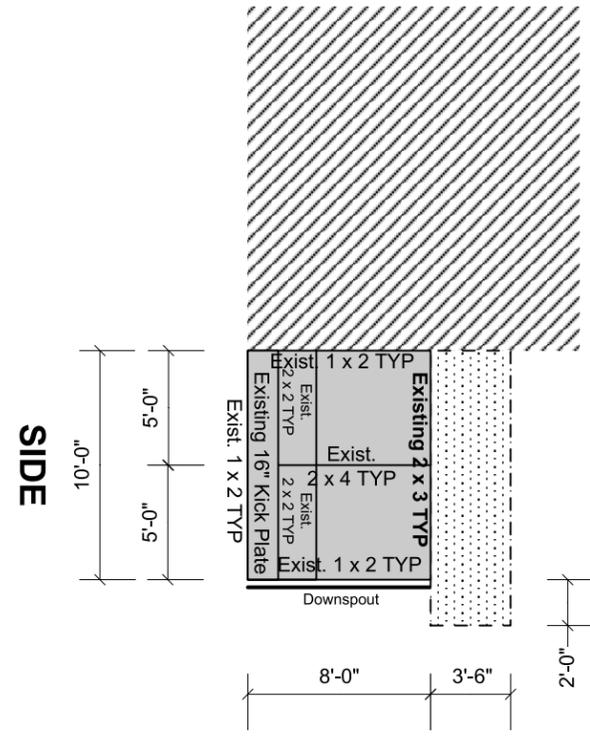


# ADD ALUM. ROOF OVER EXISTING SCREEN ENCLOSURE

**ENGINEERING NOTES:**

- ENGINEERING MEETS OR EXCEEDS 2020 FLORIDA BUILDING CODE (7th EDITION), RESIDENTIAL, PER SECTION R301 USING ASCE-7-16 130 mph BASIC WIND SPEED (Vult). RISK CATEGORY I, Vasd= 101 MPH.
- EXPOSURE C  
INTERNAL PRESSURE COEFFICIENT= +/-0.18
- ALL ALUMINUM MEMBERS TO BE 6005 T6 OR 6063 T6 BASED ON AVAILABILITY.



MEMBER SIZE CHART	
1x2	1x2x0.044"
1x3	1x3x0.044"
2x2	2x2x0.045"
2x3	2x3x0.045"
3x2	3x2x0.045"
2x4	2x4x0.045" SMB
2x5	2x5x0.050" SMB
2x6	2x6x0.050" SMB
2x7	2x7x0.055" SMB
2x8	2x8x0.072" SMB
2x9	2x9x0.072" SMB
2x10	2x10x0.092" SMB

**MD Construction LLC**  
 6656 SR 544, Winter Haven, FL 33881  
 Office: (321) 663-5203  
 email: mdconstructionfl@gmail.com  
 Licensed & Insured  
 State Certified Specialty Contractor  
 SCC131151708

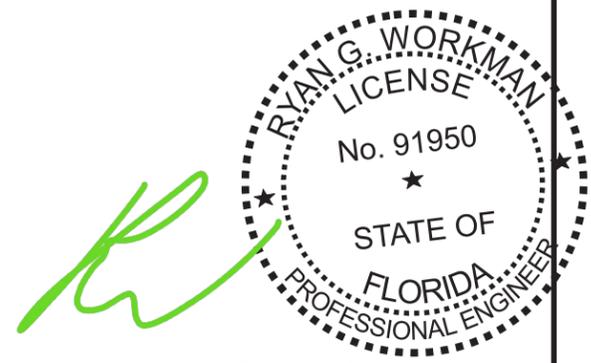


**OWNER**

Marge Morand  
 Phone: 407-269-3479  
 Address: 417 Grand Canal Dr  
 Poinciana - FL 34759

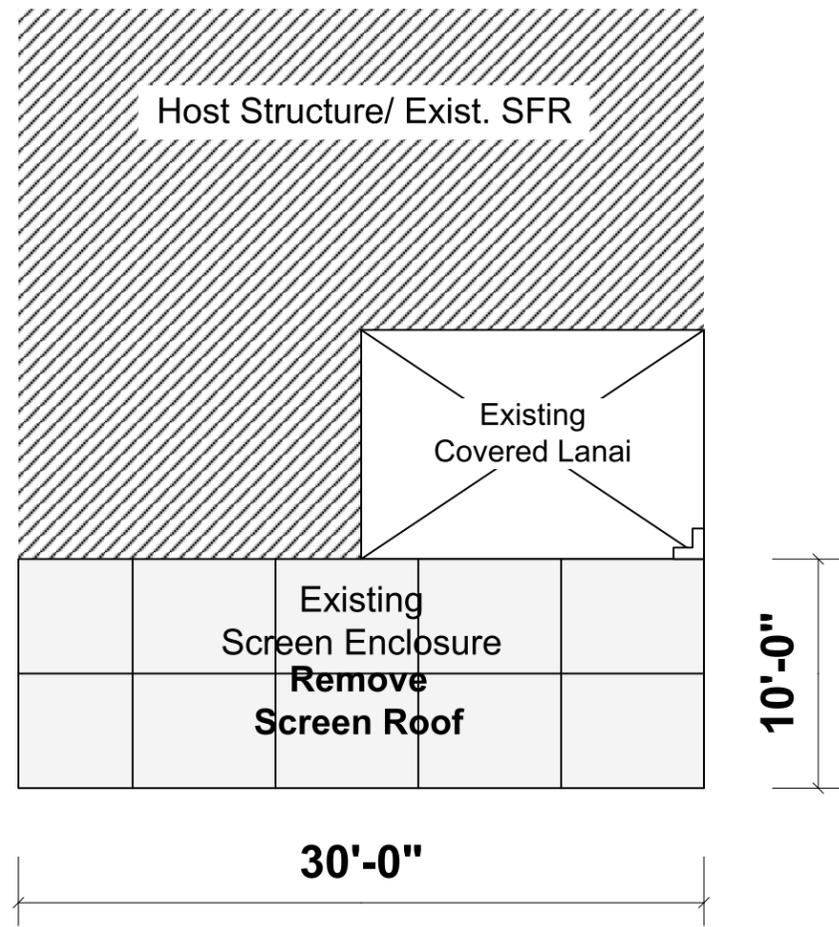
PAGE 1 OF 4

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 Minneola, Florida 34715  
 (352) 394-2590  
 lildonengineering@gmail.com  
 Cert. of Auth. #2898



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December 8, 2023  
 Ryan G. Workman PE # 91950



# EXISTING FOUNDATION PLAN

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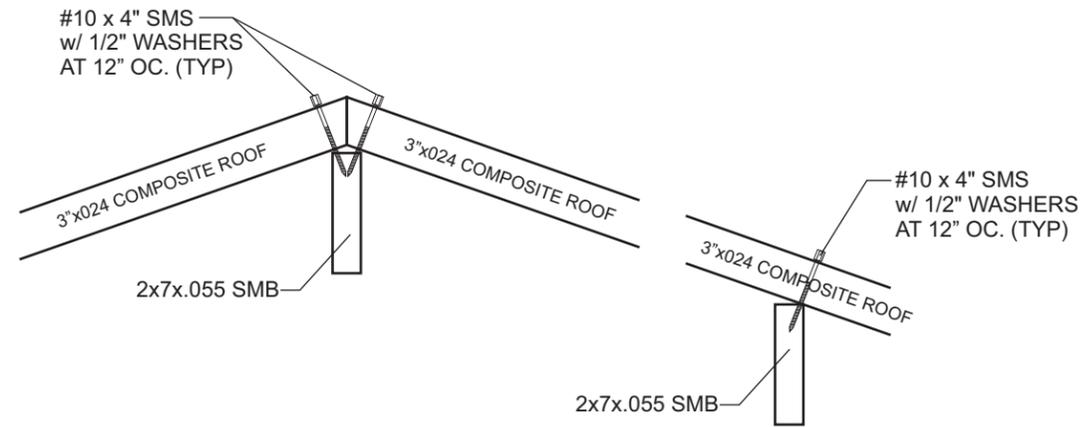
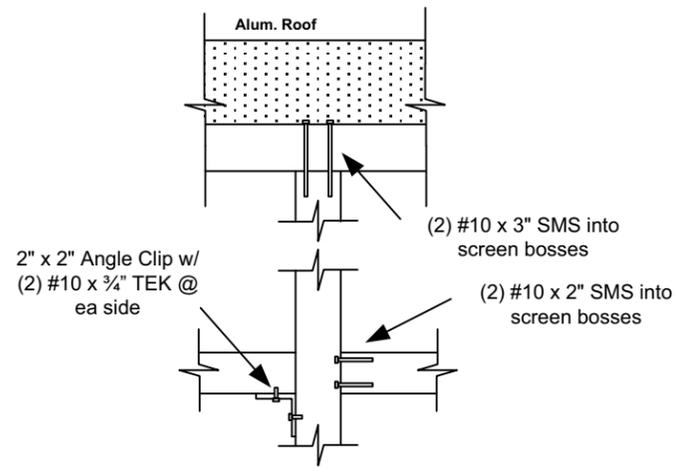
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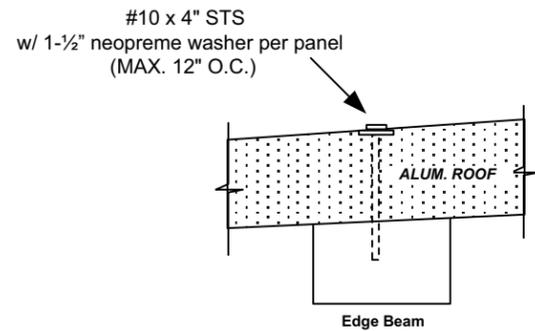


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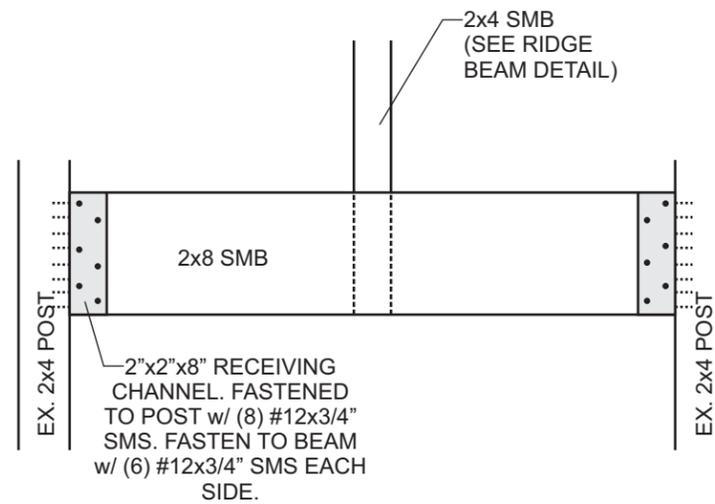
December 8, 2023  
 Ryan G. Workman PE # 91950



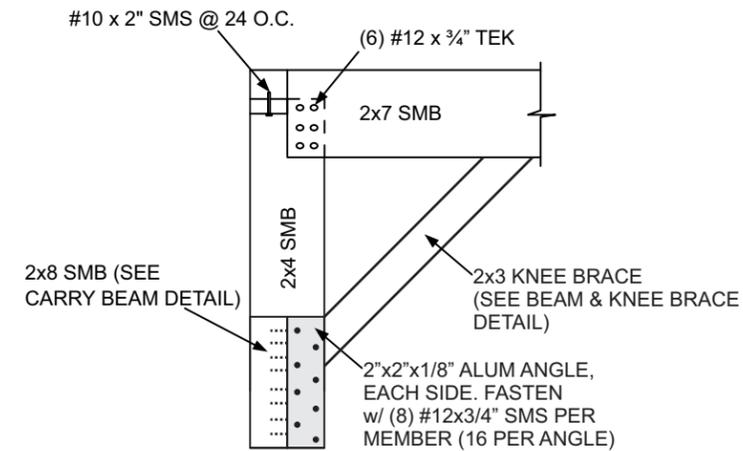
**ROOF SECTION**



**TYPICAL ROOF TO  
BEAM DETAIL**



**CARRY BEAM DETAIL**



**RIDGE BEAM DETAIL**



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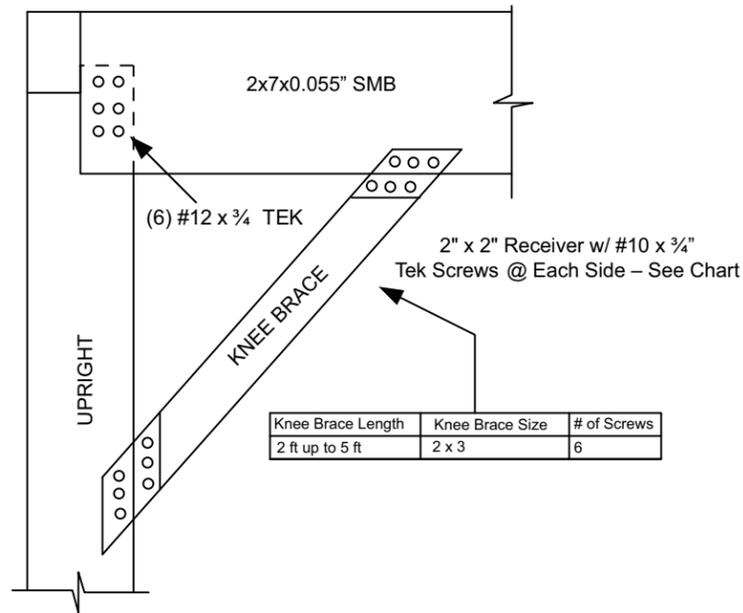
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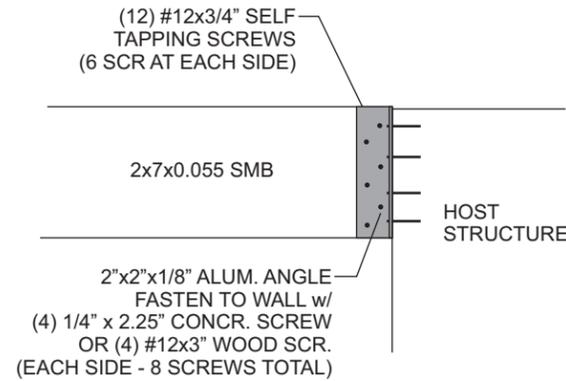
PAGE 3 OF 4

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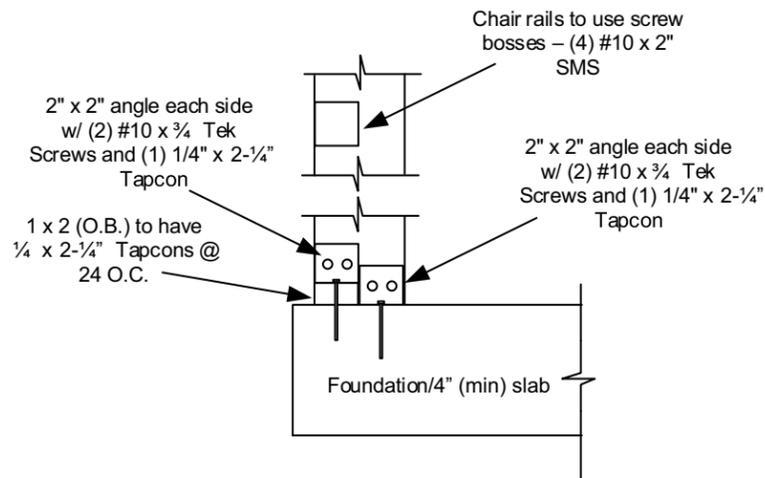
December 8, 2023  
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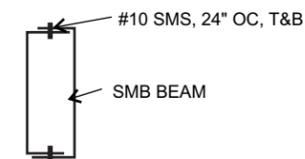
**BEAM AND KNEE BRACE DETAIL**



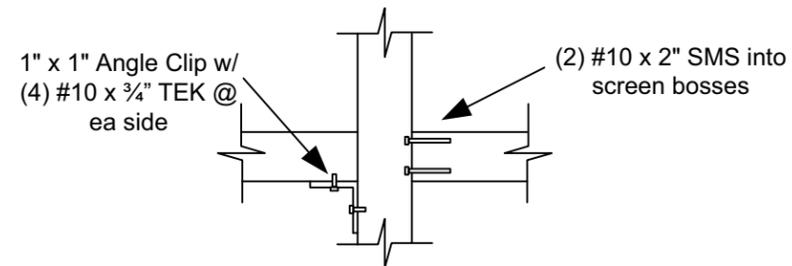
**BEAM TO WALL**



**BEAM/ UPRIGHT DETAIL**



**SMB STITCH DETAIL**



**CROSS CONNECTION DETAIL**

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