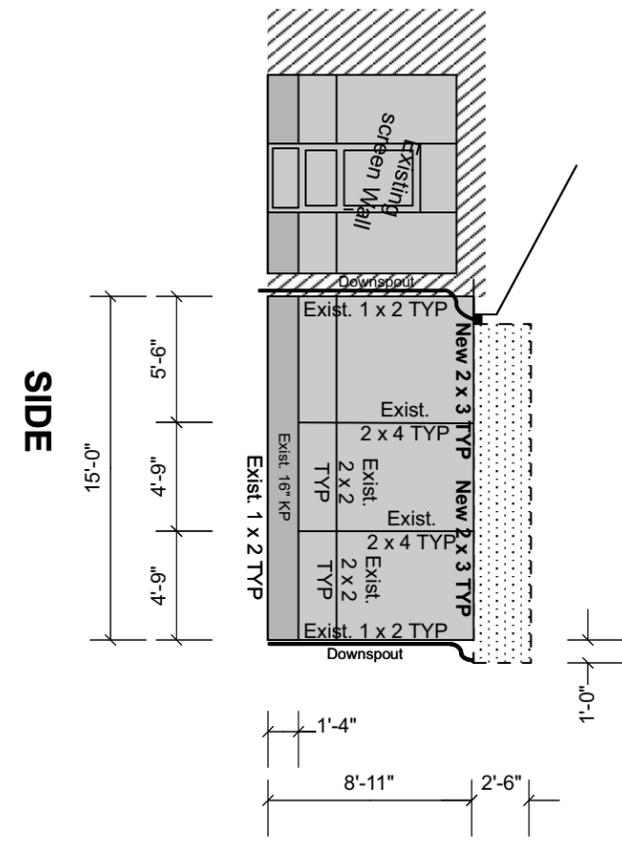
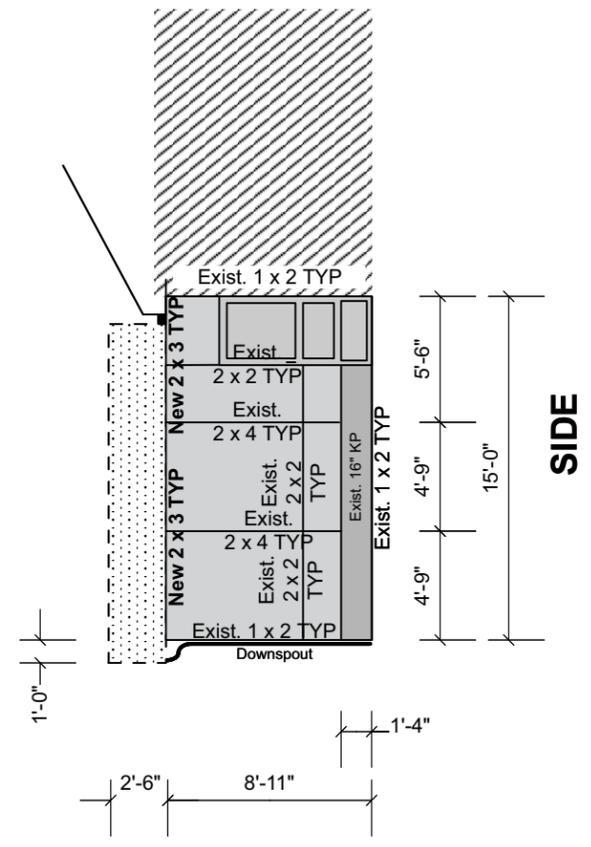
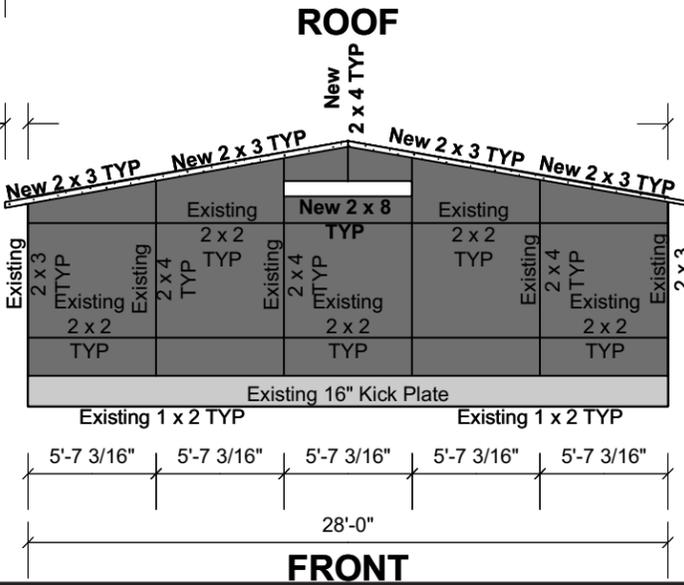
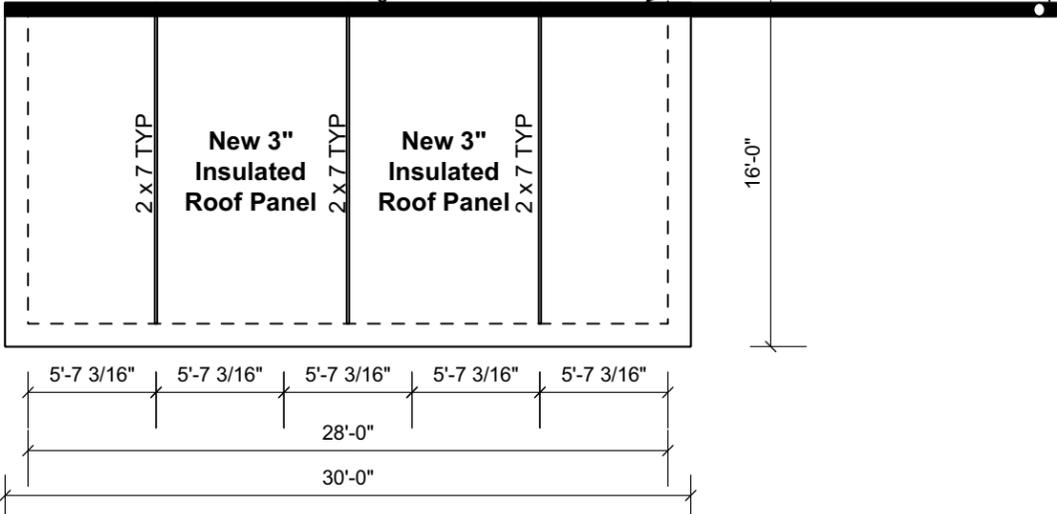
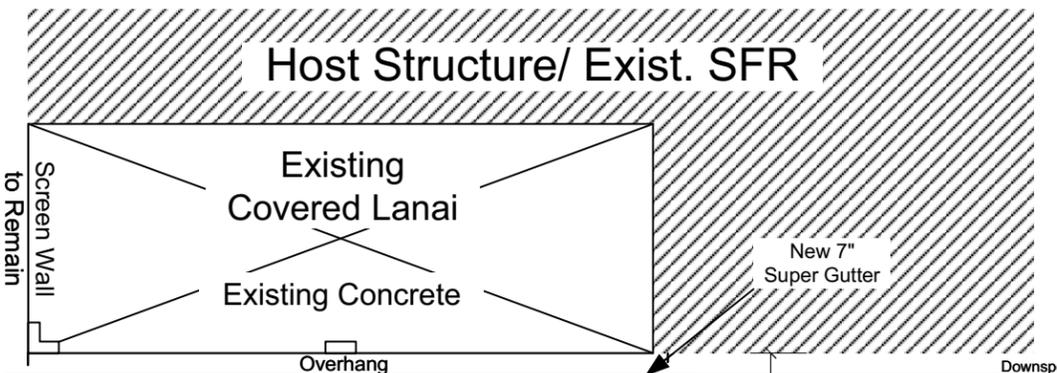
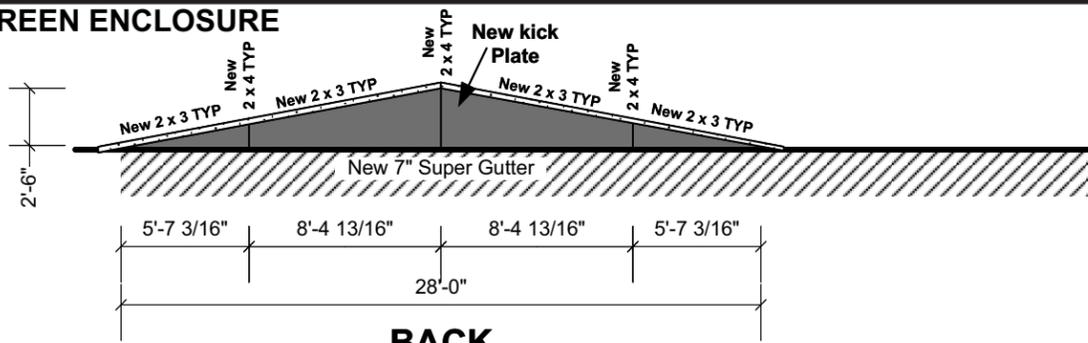


ADD ALUM. ROOF (28' x 15') OVER EXISTING SCREEN ENCLOSURE

ENGINEERING NOTES:

- ENGINEERING MEETS OR EXCEEDS 2023 FLORIDA BUILDING CODE (8th EDITION), RESIDENTIAL, PER SECTION R301 USING ASCE-7-22 130 mph BASIC WIND SPEED (Vult). RISK CATEGORY I, Vasd= 101 MPH.
- EXPOSURE C
- ALL ALUMINUM MEMBERS TO BE 6005 T5 OR 6063 T6 BASED ON AVAILABILITY WITH MINIMUM 0.04 INCH THICKNESS.

NOTE: DOOR LOCATION MAY VARY



MEMBER SIZE CHART	
1x2	1x2x0.044"
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

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 email: mdconstructionfl@gmail.com
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OWNER
 Client: Shirley Fuquay
 Phone: (404) 403-0773
 Address: 622 San Joaquin Rd
 Poinciana - FL 34759

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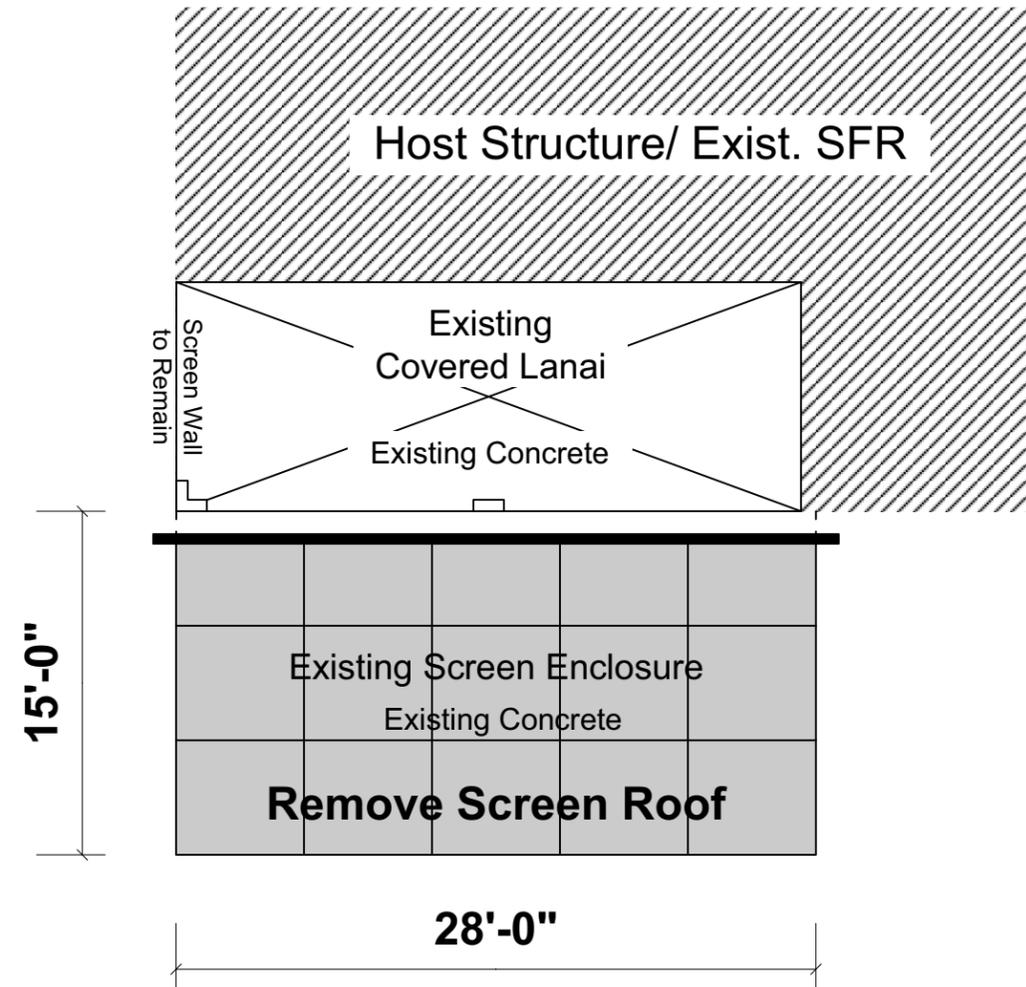
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 548-B South Highway 27
 Minneola, Florida 34715
 (352) 394-2590
 lildonengineering@gmail.com
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EXISTING FOUNDATION PLAN

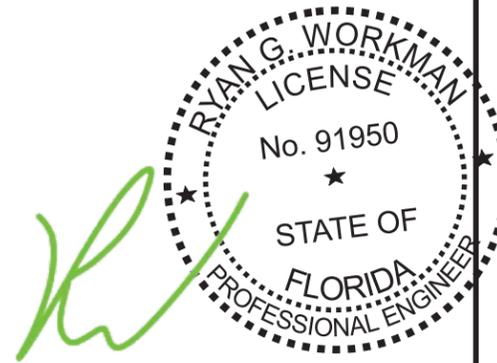
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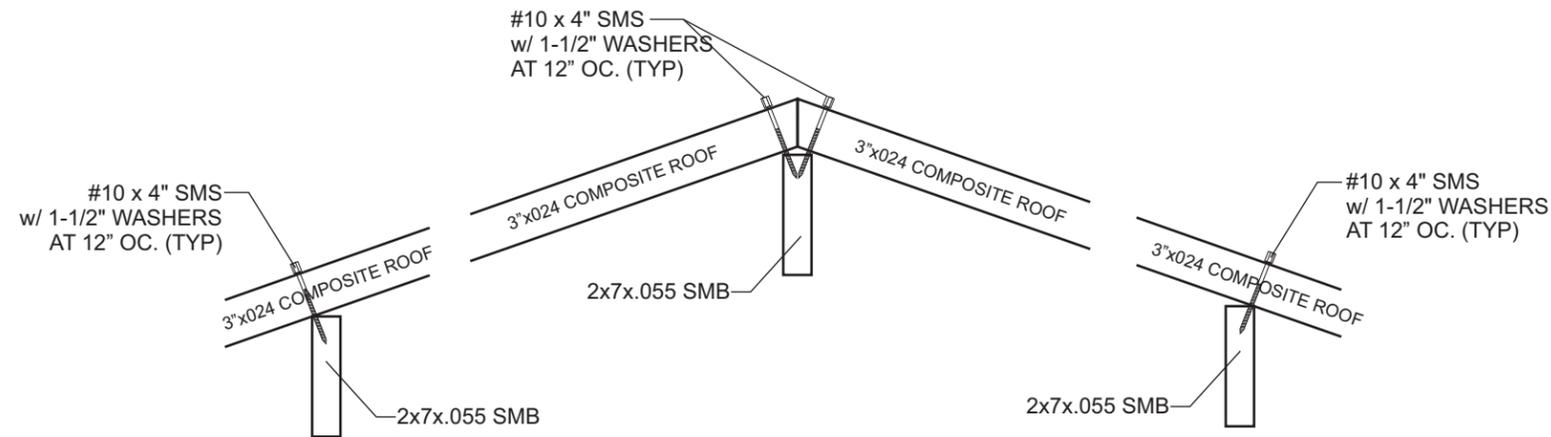
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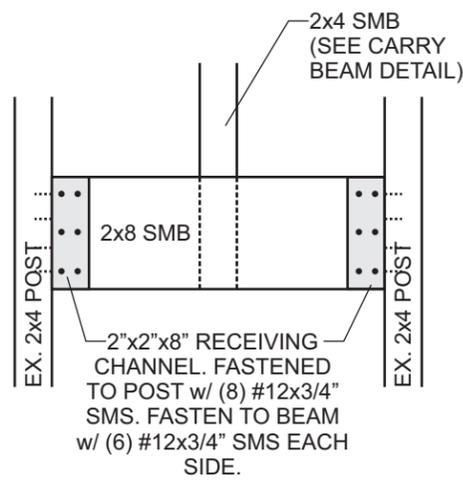


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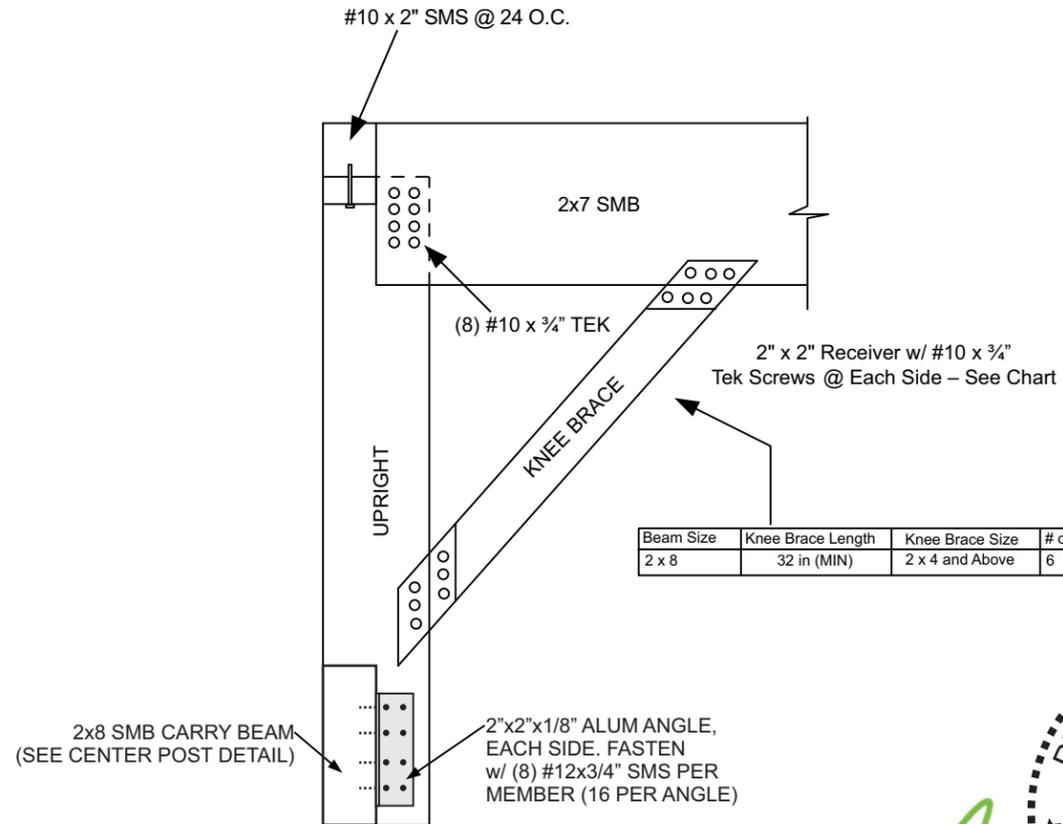
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ROOF SECTION

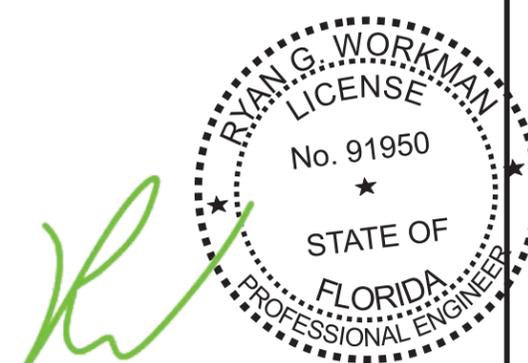


CENTER POST DETAIL



CARRY BEAM DETAIL

Beam Size	Knee Brace Length	Knee Brace Size	# of Screws
2 x 8	32 in (MIN)	2 x 4 and Above	6



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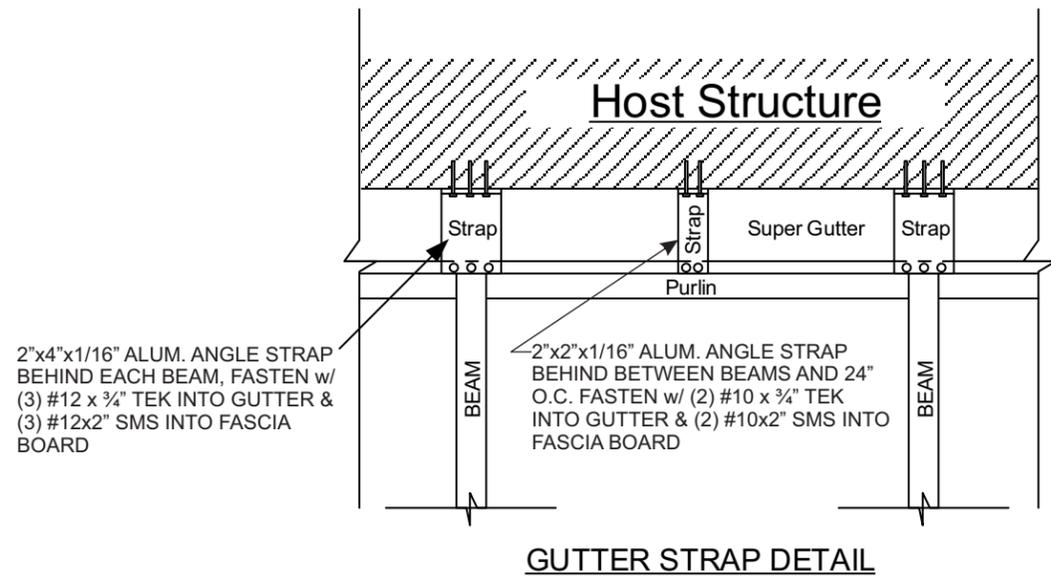


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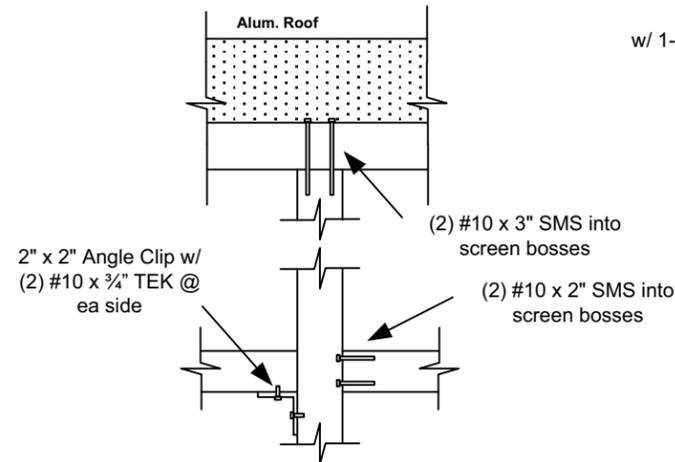
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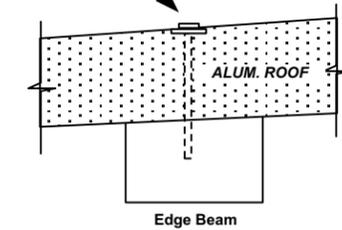
2"x4"x1/16" ALUM. ANGLE STRAP BEHIND EACH BEAM, FASTEN w/ (3) #12 x 3/4" TEK INTO GUTTER & (3) #12x2" SMS INTO FASCIA BOARD

2"x2"x1/16" ALUM. ANGLE STRAP BEHIND BETWEEN BEAMS AND 24" O.C. FASTEN w/ (2) #10 x 3/4" TEK INTO GUTTER & (2) #10x2" SMS INTO FASCIA BOARD

GUTTER STRAP DETAIL



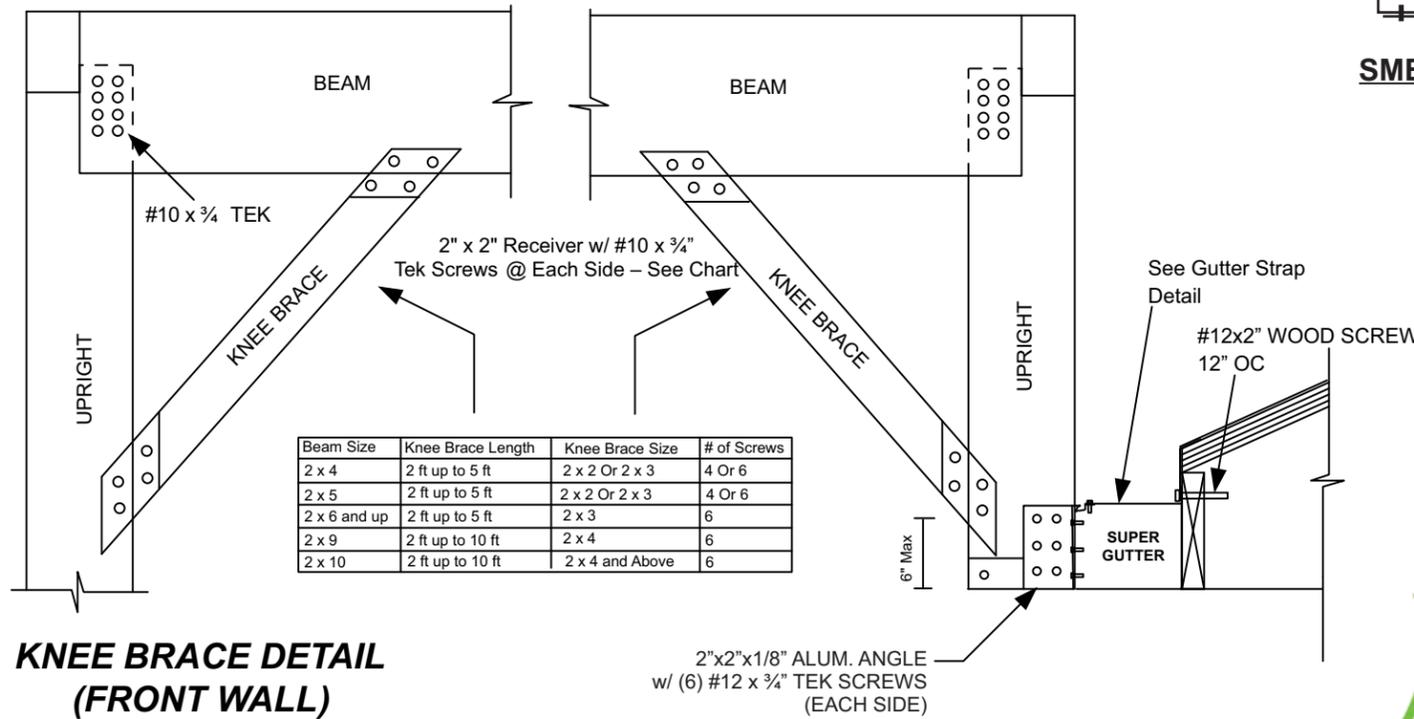
#10 x 4" STS w/ 1-1/2" neoprene washer per panel (MAX. 12" O.C.)



TYPICAL ROOF TO BEAM DETAIL

Minimum Screws Each Side Fasteners #10

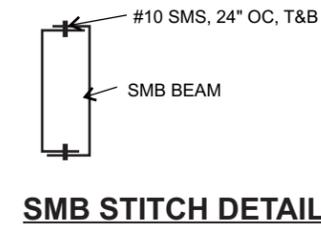
SMB	# SCREWS
2 x 4	6
2 x 5	6
2 x 6	8
2 x 7	12
2 x 8	14
2 x 9	16
2 x 10	18



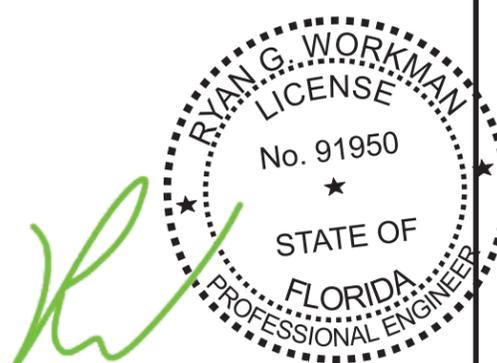
Beam Size	Knee Brace Length	Knee Brace Size	# of Screws
2 x 4	2 ft up to 5 ft	2 x 2 Or 2 x 3	4 Or 6
2 x 5	2 ft up to 5 ft	2 x 2 Or 2 x 3	4 Or 6
2 x 6 and up	2 ft up to 5 ft	2 x 3	6
2 x 9	2 ft up to 10 ft	2 x 4	6
2 x 10	2 ft up to 10 ft	2 x 4 and Above	6

KNEE BRACE DETAIL (FRONT WALL)

BEAM TO GUTTER/ KNEE BRACE DETAIL



SMB STITCH DETAIL



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