

ALUMINUM SCREEN DESIGN



1X2 WIND BRACE ATTACHED
WITH 2 #10 1" PER SIDE

ROOF BEAM IS ATTACHED TO UPRIGHT
WITH 6 #10 1" PER SIDE

KNEE BRACE 2X2 38" MAX
24" MINIMUM ON A 45 DEGREE
SCREWED INTO H CHANNEL
WITH 6 #10 1" SMS ON EACH SIDE
3 INTO THE BEAM 3 INTO THE PURFLIN

GUTTER IS SCREWED TO FASCIA WITH #10 2"
6" FROM ENDS 24" O.C.

UPRIGHT IS SCREWED TO GUTTER WITH
2 X 2 X 1/4" ANGLE AND AND 4 #10 1" PER
GUTTER AND UPRIGHT

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THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE TO MEET THE REQUIREMENTS OF THE 2023 (8th EDITION)
OF THE FLORIDA BUILDING CODE FOR OPEN AND SEMI-OPEN STRUCTURES AND SHALL WITHSTAND BASIC WIND
SPEEDS OF 130 MPH (FOR 3 SECOND GUSTS) UP TO A 15FT ROOF HEIGHT, FACTOR OF 1.0, AND EXPOSURE B. CATAGORY 1
CONTRACTOR SHALL FEILD VERIFY ALL PLANS DEMENSIONS PRIOR TO MATERIAL PURCHASE, FABRICATION AND CONSTRUCTION
CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SHOULD SITE DIFER FROM CONSTRUCTION PLANS

DESIGN STATEMENT

METAL IS .046 THICKNESS OR GREATER ALLOY IS 6005 T-5 UPRIGHTS

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