

# ALUMINUM SCREEN DESIGN



2X2 PURLINS WILL BE BLIND SCREWED  
INTO EMBOSS WITH 3 #10 3" MINIMUM

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

2X2 IS SCREWED INTO FASCIA  
USING 4" #10 6" FROM BEAMS  
24" O.C.

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## DESIGN STATEMENT

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

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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. CATEGORY 1  
CONTRACTOR SHALL FIELD VERIFY ALL PLANS DIMENSIONS PRIOR TO MATERIAL PURCHASE, FABRICATION AND CONSTRUCTION  
CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SHOULD SITE DIFFER FROM CONSTRUCTION PLANS