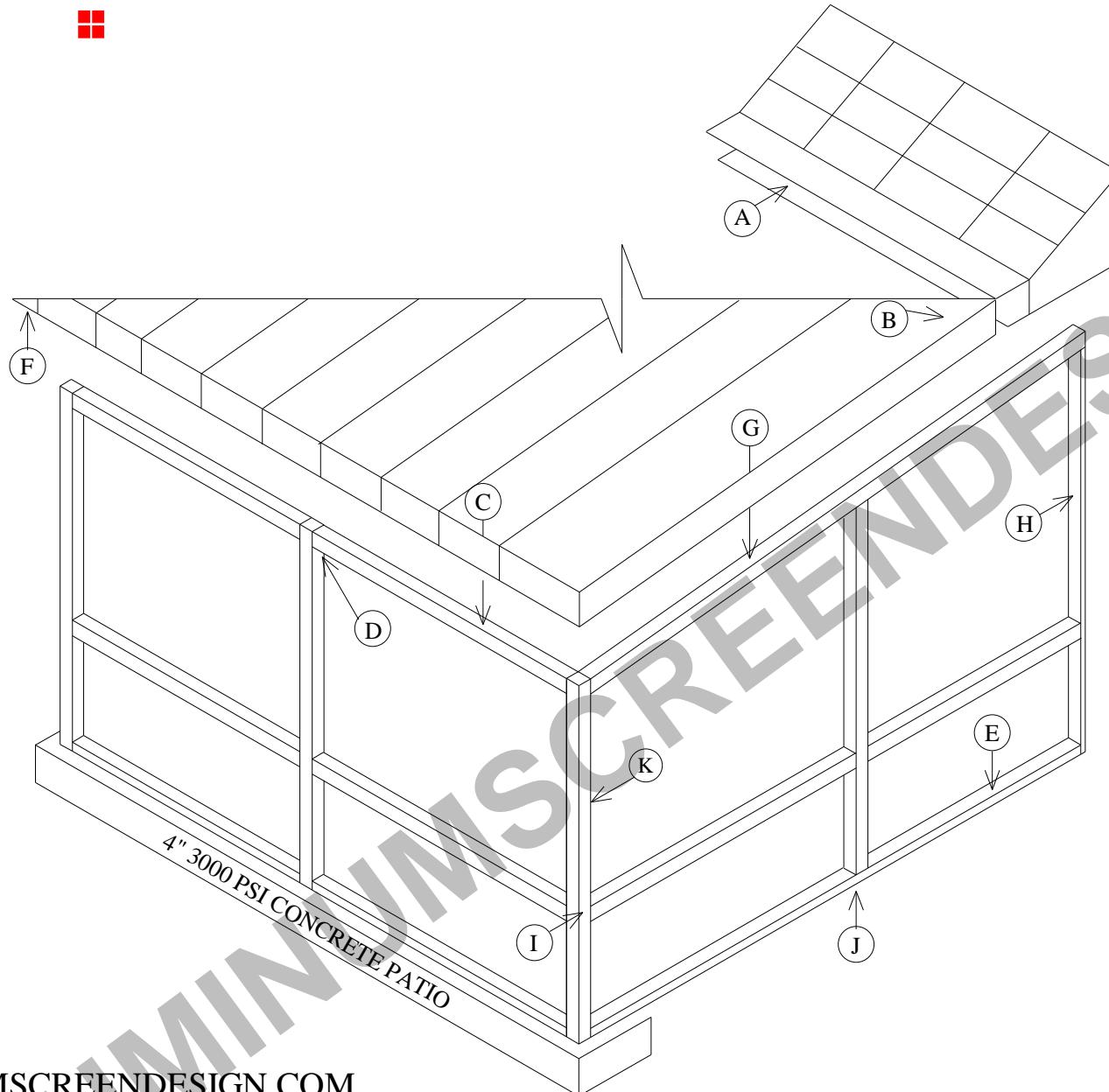


ALUMINUM SCREEN DESIGN



DESIGN STATEMENT

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

PHONE #: 407-734-1470

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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. CATOGORY 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

- (A) 3" C-CHANNEL IS ATTACHED TO OVERHANG WITH #10 2" 6" FROM ENDS 24" O.C.
- (B) .024 ALUMINUM PANS ARE SCREWED IN CHANNEL WITH 2 # 10 1"
- (C) PAN IS SCREWED INTO TOP PLATE WITH 2 # 10 1" EACH PAN AND SEALED
- (D) UPRIGHTS ARE BLIND SCREWED WITH 3 #10 4" OR CAPRI CLIPPED WITH 4 #10 4" TOP & BOTTOM (CAPRI CLIP IS 1X1 1/8 ANGLE 2")
- (E) 1X2 BOTTOM PLATE IS TAP CONNED WITH 2-1/4 " TAPS 6" FROM UPRITES AND 24" O/C INTO CEMENT
- (F) ROLL FORM GUTTER & FASCIA ATTACHED WITH #10 1" 24" O.C. 6" FROM END
- (G) ROOF IS ATTACHED TO SIDE WALL HEADER WITH #10 2" AND SEALED 24" O.C.
- (H) 1X2 IS ATTACHED TO HOME WITH 2-1/4" TAPCON 24" O.C. 6" FROM TOP OR BOTTOM
- (I) CHAIR RAIL OR KICKPLATE RAIL IS EITHER BLIND SCREWED WITH 3 #10 3" OR CAPRI CLIPED WITH 4 #10 1" OR BLIND CLIPPED WITH 4 #10 1"
- (J) 1X2 BOTTOM PLATE IS BLIND SCREWED TO EACH UPRIGHT WITH 3 #10 3" OR CAPRI CLIPPED WITH 4 #10 1" SCREWS
- (K) THE SIDE WALL ATTACHES TO THE FRONT WALL WITH #10 2" 24"O.C. 6" FROM TOP AND BOTTOM

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