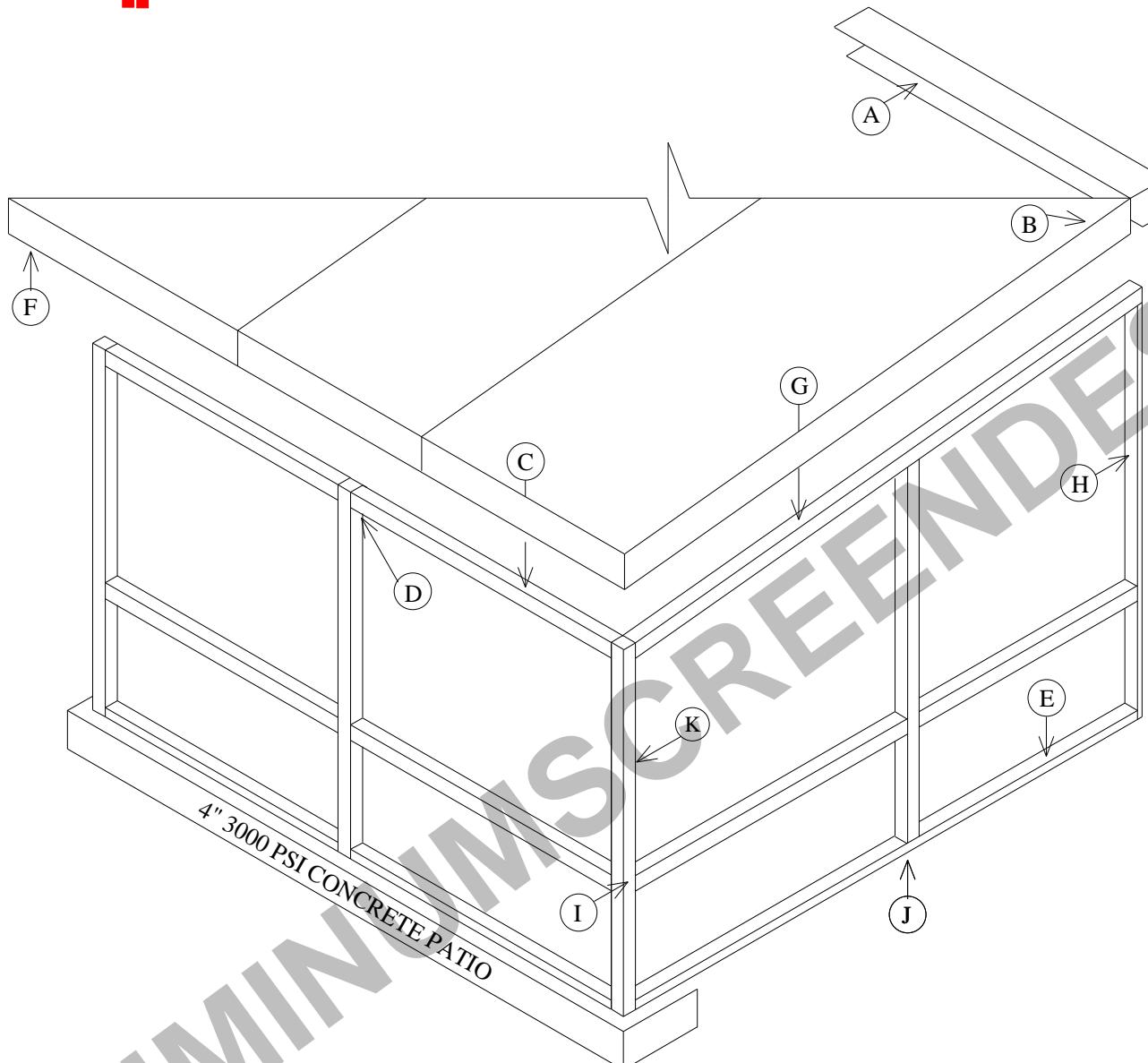


ALUMINUM SCREEN DESIGN



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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

- (A) 3" C-CHANNEL IS ATTACHED TO BLOCK WITH 1/4" X 2" TAPCON 6" FROM ENDS 24" O.C.
- (B) INSULATED PANNELS ARE SCREWED IN CHANNEL WITH 3 # 10 1"
- (C) PANNELS ARE SCREWED INTO TOP PLATE WITH 2 # 10 4" EACH PANNEL 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) EXTRUDED GUTTER & FASCIA ATTACHED WITH #10 1" 24" O.C. 6" FROM END
- (G) ROOF IS ATTACHED TO SIDE WALL HEADER WITH #10 4" 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" SCREWES
- (K) THE SIDE WALL ATTACHES TO THE FRONT WALL WITH #10 2" 24"O.C. 6" FROM TOP AND BOTTOM

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