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DESIGN NOTES

MAXIMUM ALLOWABLE WIND SPEED, ELEVATION, AND EXPOSURE CATEGORY TO BE DETERMINED PER ASCE 7-16 "ABOVE GRADE SOLID SIGN" WIND PRESSURE METHODOLOGY.

MAX ALLOWABLE ASD DESIGN PRESSURE PER SCHEDULE

GENERAL NOTES

THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 7TH EDITION (2020). ALSO APPLICABLE FOR THE FBC 6TH. EDITION (2017), IBC/IRC (2015 & 2018), AS WELL AS CURRENT VERSIONS OF THE MN, NC, NJ, NY, OH, SC, & VA BUILDING CODES AS APPLICABLE VERSIONS ARE LISTED THEN MOST STRINGENT APPLIES. DESIGN SHALL UTILIZE ASD DESIGN METHOD USING ASCE 7-16 OR ASCE 7-10 CODES FOR SITE SPECIFIC APPLICATIONS AS APPLICABLE

MAXIMUM DIMENSIONS AND WEIGHT OF UNIT SHALL CONFORM TO SPECIFICATIONS STATED HEREIN.

ALL MECHANICAL SPECIFICATIONS (CLEAR SPACE, TONNAGE, ETC.) SHALL BE AS PER MANUFACTURER RECOMMENDATIONS AND ARE THE EXPRESS RESPONSIBILITY OF THE CONTRACTOR THIS DOCUMENT CERTIFIES ANCHORAGE CRITERIA FOR IDENTICAL SIZE AND WEIGHT UNIT REPLACEMENTS ONLY AND REQUIRES THAT THE CURB AND EXISTING STRUCTURE BE APPROVED BY OTHERS BEFORE USE. REFERENCE MANUFACTURERS COMPONENT DRAWINGS FOR DETAILED COMPONENT

ALL FASTENERS TO BE #12 X 3" " OR GREATER 2024-T4, 18-8 SERIES 300 NON-MAGNETIC STAINLESS STEEL OR CADMIUM PLATED OR OTHERWISE CORROSION RESISTANT MATERIAL AND SHALL COMPLY ANY APPLICABLE FEDERAL STATE, AND LOCAL CODES.

BOLTS SHALL CONFORM TO A.S.T.M. A325, ANCHOR BOLTS SHALL CONFORM TO TO A.S.T.M. A307. ALL BOLTS SHALL BE HOT DIPPED GALVANIZED, OR STAINLESS STEEL & MEET THE REQUIREMENTS OF

ALL MEMBERS SHALL BE ASTM A36 FOR SHAPES OR A653 FOR SHEET STEEL (GRADE 33 MIN) WITH EV = 36 KSLOR BETTER, THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS

FOR STEEL MEMBERS ALL ANCHORS SHALL BE SPACED WITH 3xDIAMETER MIN. SPACING TO ADJACENT ANCHORS AND 1.5xDIAMETER MIN_END DISTANCE

ELECTRICAL GROUND, WHEN REQUIRED, TO BE DESIGNED &

ENGINEER SEAL AFFIXED HERETO VALIDATES STRUCTURAL DESIGN AS SHOWN ONLY. USE OF THIS SPECIFICATION BY CONTRACTOR, et. al. INDEMNIFIES & SAVES HARMLESS THIS ENGINEER FOR ALL COST & DAMAGES INCLUDING LEGAL FEES & APPELLATE FEES RESULTING FROM MATERIAL FABRICATION, SYSTEM RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE. & FEDERAL

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