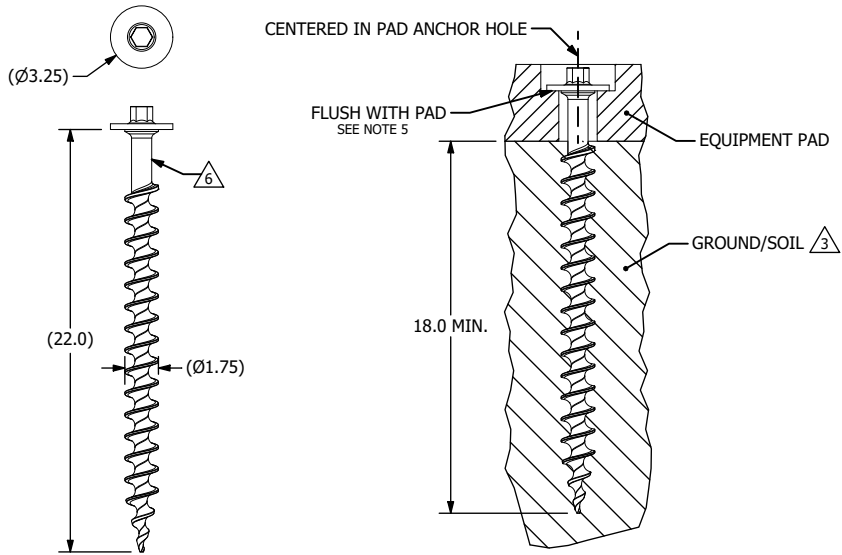


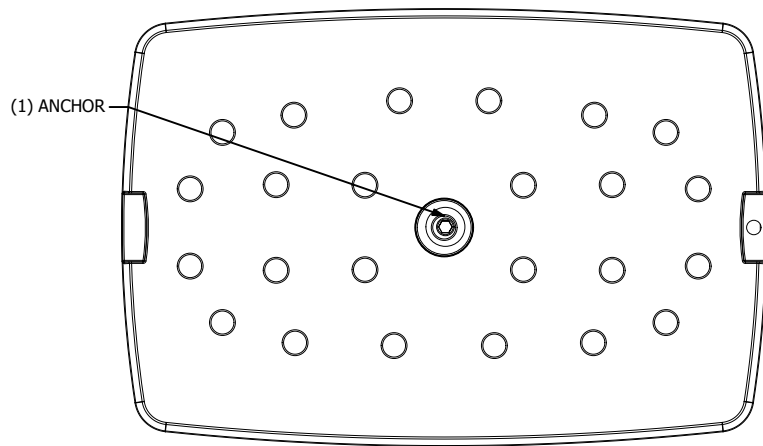
# MAINSTREAM ENGINEERING CORP.

QWIKPAD® PAD GROUND ANCHOR - INSTALLATION SPECIFICATION



**1** GROUND ANCHOR  
1:10 SCALE PLAN VIEWS (TOP + SIDE)

**2** ANCHOR INSTALL DETAIL  
1:10 SCALE DETAIL



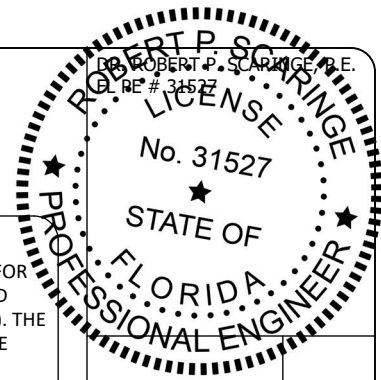
**3** ANCHOR PLACEMENT  
1:16 TOP VIEW

**DESIGN NOTES:**

THIS PRODUCT HAS BEEN EVALUATED FOR USE AS AN ANCHORING METHOD FOR EQUIPMENT MOUNTING PADS INSTALLED ONTO LEVEL, COMPACTED GROUND FOR USE WITHIN AND OUTSIDE THE HIGH-VELOCITY HURRICANE ZONE (HVHZ). THE EQUIPMENT MOUNTING PAD HAS BEEN DESIGNED IN ACCORDANCE WITH THE ASCE 7-16 AND THE FLORIDA BUILDING CODE - SIXTH EDITION (2017).

**GENERAL NOTES:**

1. THIS PRODUCT INSTALLATION SPECIFICATION ONLY APPLICABLE FOR USE WITH QWIKPAD (SERIES QT8200) HVHZ EQUIPMENT MOUNTING PADS (INDEPENDENT CERTIFICATION). APPROPRIATE PAD SIZE AND ANCHORING ASSUMED TO BE DETERMINED BY CONTRACTOR/INSTALLER BASED ON INSTALLATION SITE, WIND ZONE, AND UNIT SIZE.
2. DESIGN IS BASED ON MIN. PULL OUT RATING OF 205 LB PER ANCHOR.
3. GROUND/SOIL SHALL BE COMPACTED PRIOR TO INSTALLATION. ADEQUACY OF INSTALLATION SITE TO WITHSTAND SUPERIMPOSED LOADS SHALL BE VERIFIED BY THE ONSITE DESIGN PROFESSIONAL AND IS NOT INCLUDED IN THIS SPECIFICATION.
4. GROUND ANCHORS SHALL BE INSTALLED IN SETS OF ONE (1) (INCLUDED IN QT8382). THE ANCHOR SHALL BE INSTALLED IN THE CENTRAL MOUNTING HOLE.
5. ANCHORS SHALL BE INSTALLED THROUGH EXISTING PAD ANCHOR HOLE. SCREW ANCHOR INTO GROUND UNTIL FLUSH WITH PAD SURFACE. DO NOT OVERTIGHTEN - OVERTIGHTENING WILL LOOSEN SOIL AND WEAKEN HOLDING STRENGTH.
6. ANCHORS SHALL BE A356 ALUMINUM WITH SHEAR STRENGTH=20 KSI OR BETTER AND TENSILE STRENGTH=26 KSI OR BETTER.
7. ALL DIMENSIONS SHOWN ARE IN INCHES, UNLESS OTHERWISE SPECIFIED.



QWIKPAD® GROUND ANCHOR - 22 IN

REMARKS	DRWN	CHKD	DATE
INITIAL RELEASE	JPJ	GSC	10/4/22

NOTICE: THIS DOCUMENT IS THE PROPERTY OF MAINSTREAM ENGINEERING CORPORATION AND SHALL NOT BE REPRODUCED IN WHOLE OR PART WITHOUT WRITTEN CONSENT OF MAINSTREAM ENGINEERING CORPORATION. ALTERATIONS, ADDITIONS, HIGHLIGHTING, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.

**QT8382**

DWG NO. 5014856 REV A

SHEET 1 OF 1