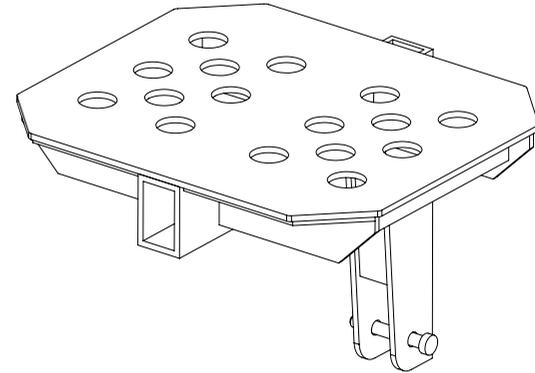


Standing Plate Product Manual



Standing Plate

ARE Telecom & Broadband

1041 Grand Ave #213

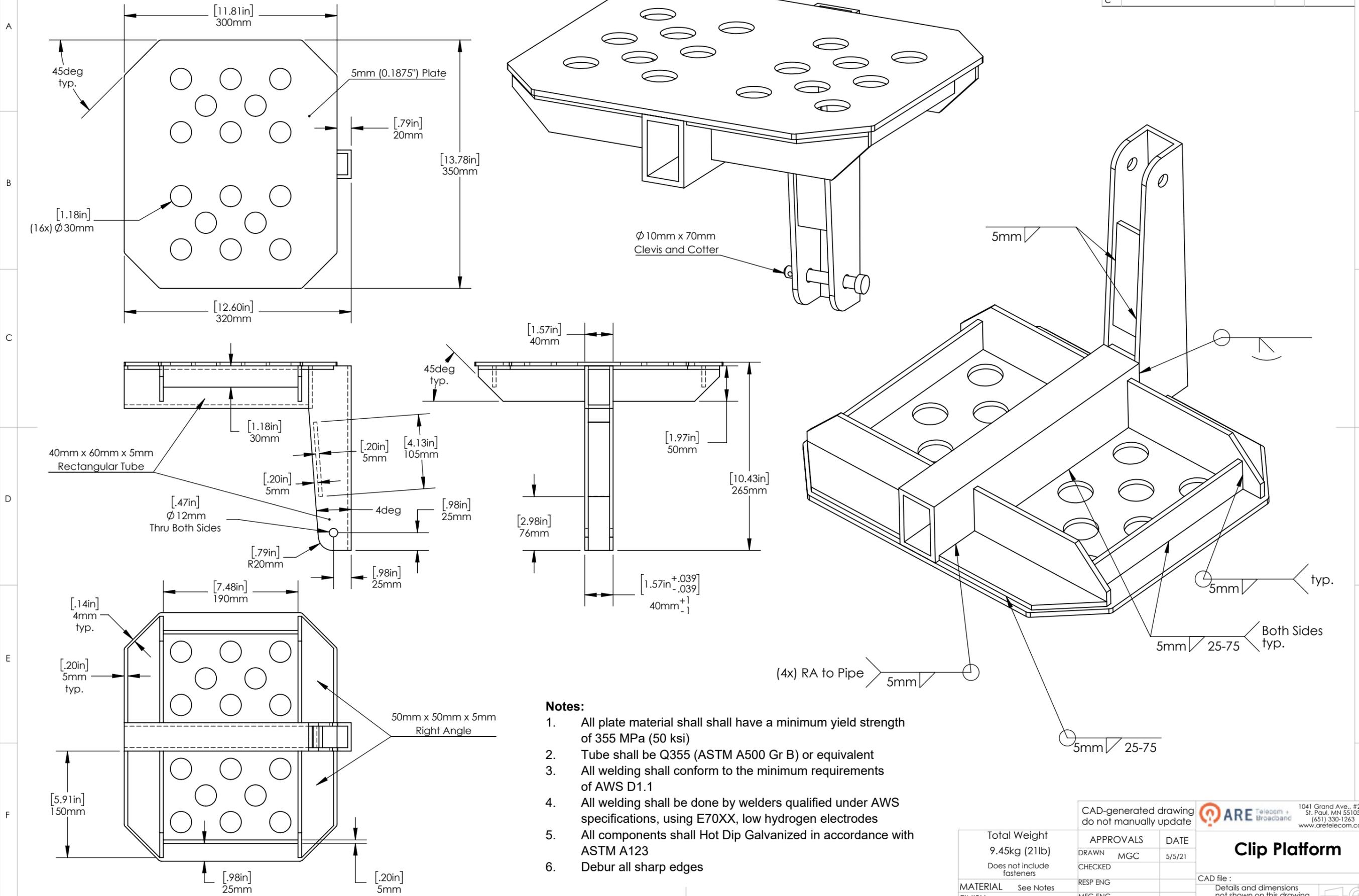
St. Paul, MN 55105

(651) 330-1263

www.aretelecom.com

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	initial release	5/5/21	MGC
B			
C			



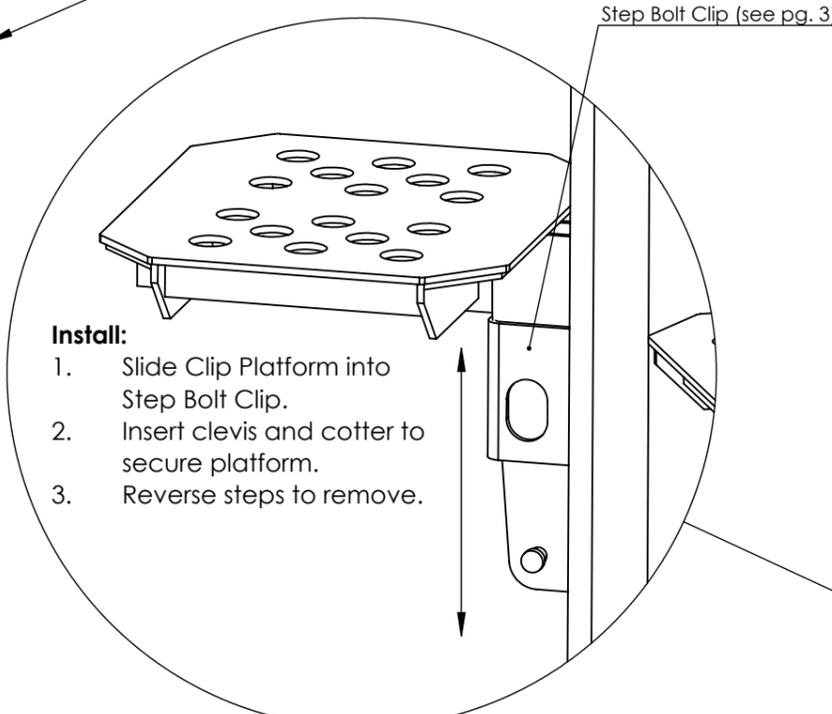
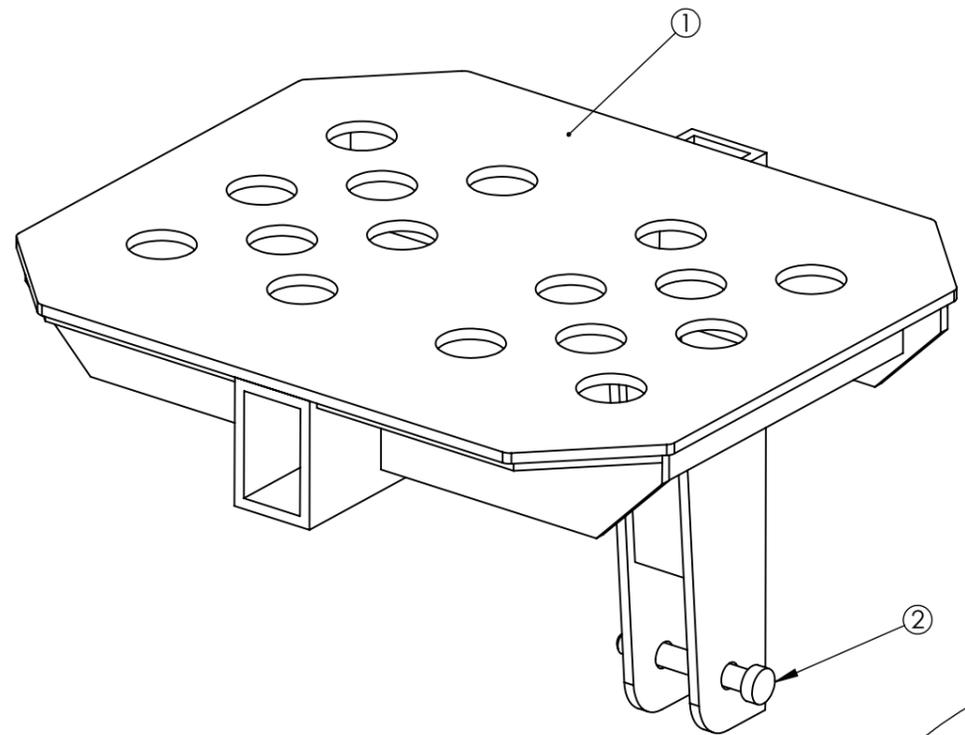
- Notes:**
- All plate material shall have a minimum yield strength of 355 MPa (50 ksi)
 - Tube shall be Q355 (ASTM A500 Gr B) or equivalent
 - All welding shall conform to the minimum requirements of AWS D1.1
 - All welding shall be done by welders qualified under AWS specifications, using E70XX, low hydrogen electrodes
 - All components shall Hot Dip Galvanized in accordance with ASTM A123
 - Debur all sharp edges

CAD-generated drawing do not manually update				1041 Grand Ave., #213 St. Paul, MN 55105 (651) 330-1263 www.aretelcom.com
Total Weight	9.45kg (21lb)	APPROVALS	DATE	<h3>Clip Platform</h3> <p>CAD file : Details and dimensions not shown on this drawing can be found in CAD file.</p>
Does not include fasteners		DRAWN	MGC	
		CHECKED	5/5/21	
MATERIAL	See Notes	RESP ENG		scale NA rev. A size NA sheet 1 of 3
FINISH	See Notes	MFG ENG		
DO NOT SCALE DRAWING		QUAL ENG		

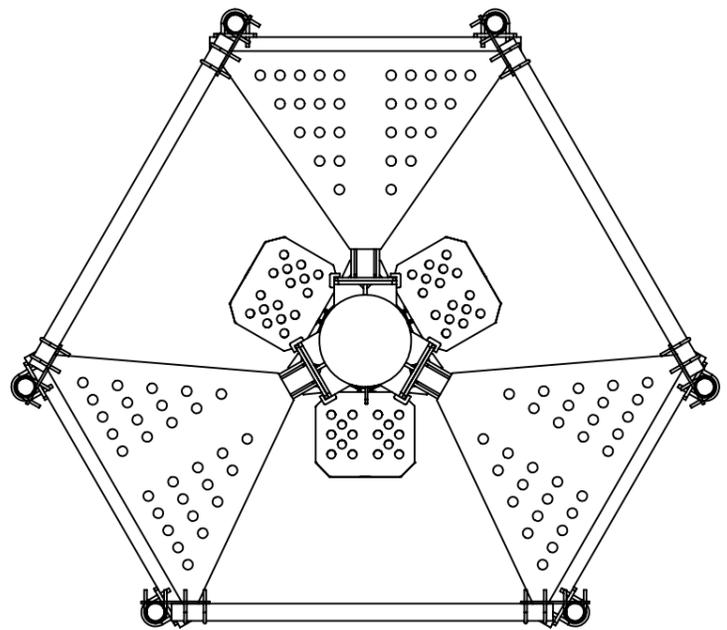
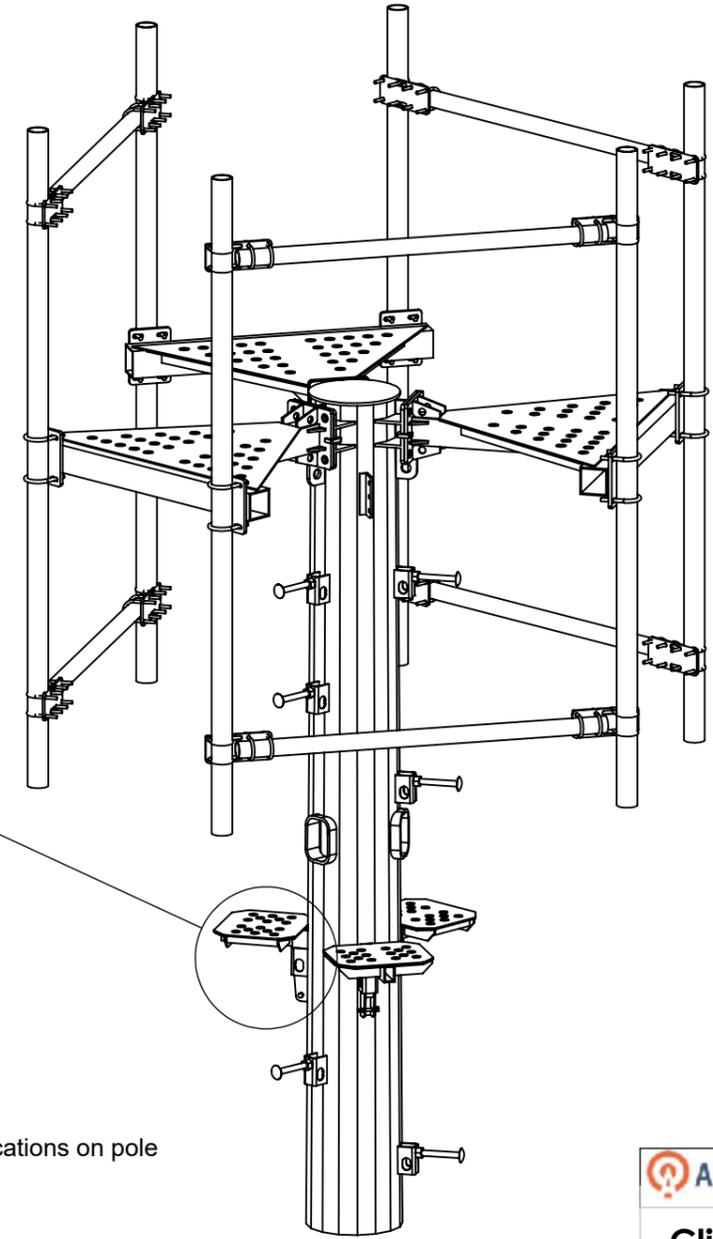
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Clip Platform Bill of Materials

#	Description	Qty	Weight ea. kg/ (lb)
1	Clip Platform	1	9.45/ 21
2	Clevis & Cotter 10mm x 70mm (3/8" x 2.75")	1	



- Install:**
1. Slide Clip Platform into Step Bolt Clip.
 2. Insert clevis and cotter to secure platform.
 3. Reverse steps to remove.



- Notes:**
1. Customer shall request number of Clip Platforms and mounting locations on pole
 2. All components shall Hot Dip Galvanized in accordance with ASTM A123
 3. Debur all sharp edges


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Clip Platform BOM

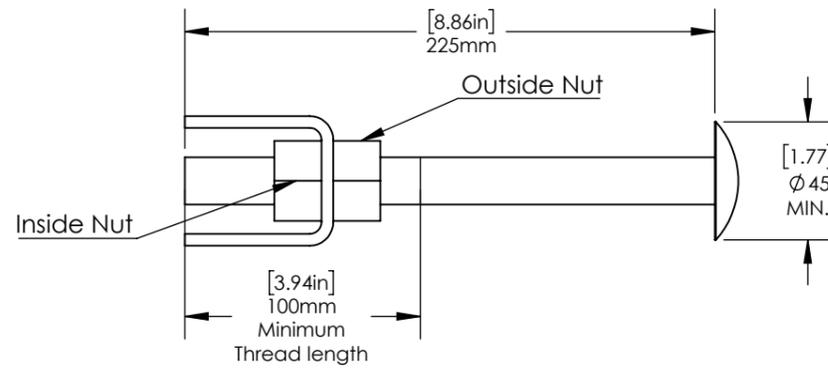
Part # _____
 scale NA rev. A size NA sheet 2 of 3

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#	DESCRIPTION (Optional Grade)	QTY	Weight (lb/ kg)
1	Clip - ASTM A572 GR 50 (Q345 or Q355)	*1	1.2/ 0.54
2	Step Bolt - M20x2.5 x 225mm - A449 (GR 8.8) HDG	*1	0.88/ 0.64
3	Heavy Hex Nut, M20x2.5 - A563 GR DH (GR 8.8) HDG	*2	0.224/ 0.11

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	initial release	10/12/20	MGC
B	Revised BOM bolt length to 225mm	11/2/20	MGC

CLIP-STEP BOLT

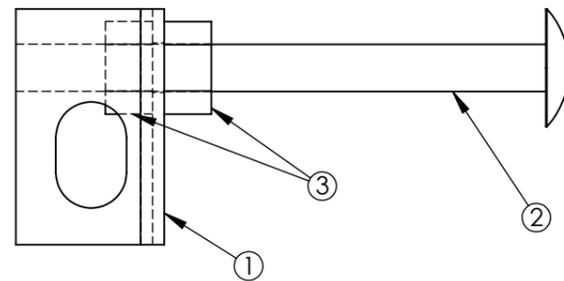


Fabrication Notes:

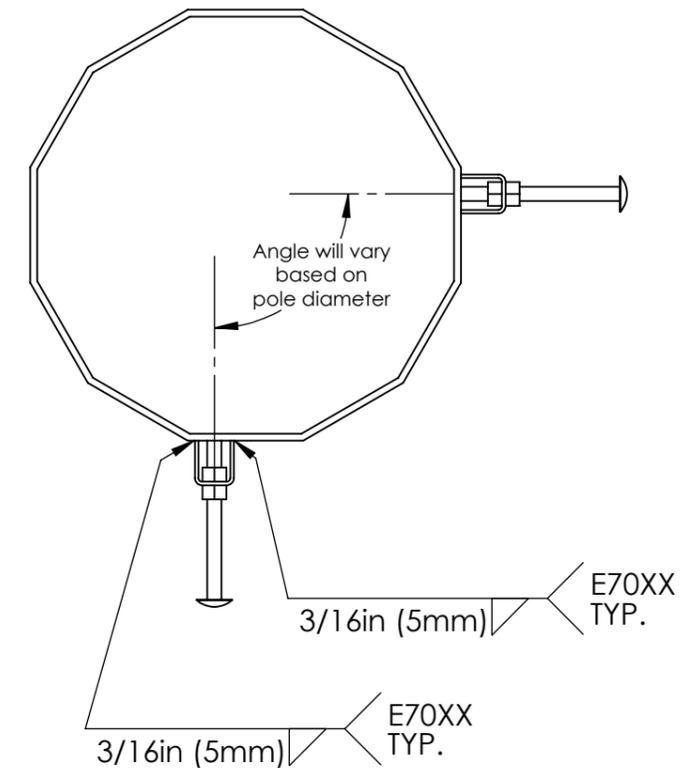
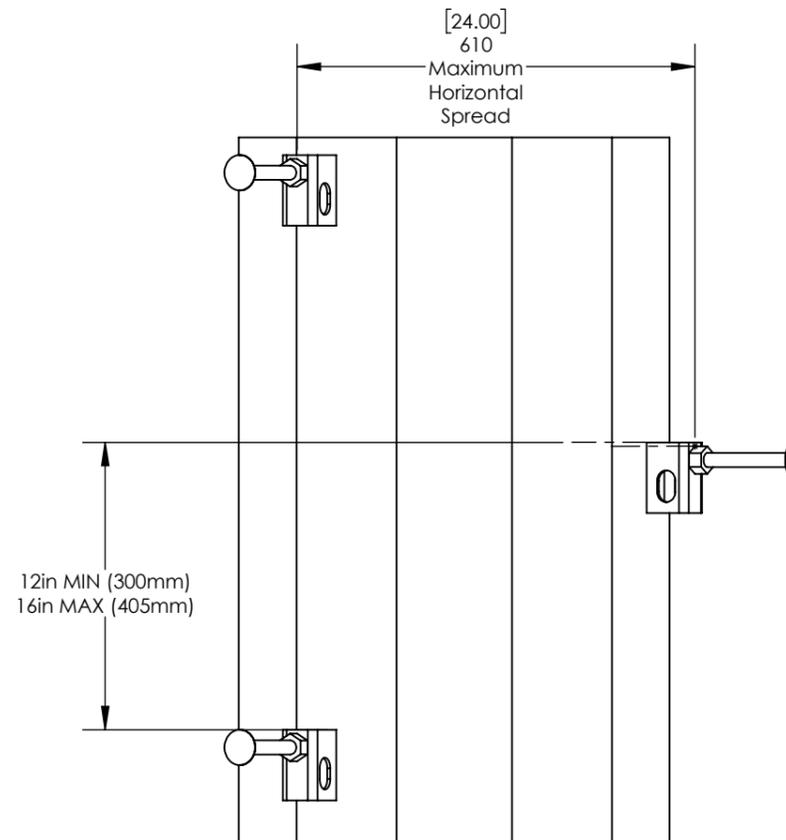
- *The number of Clips/ Step Bolts will vary based on height of pole and shall be equally spaced between the upper and lower cable mount brackets (see pg. 2).
- All plate material shall have a minimum yield strength of 345 MPa (50 ksi)
- All welding shall conform to the minimum requirements of AWS D1.1
- All welding shall be done by welders qualified under AWS specifications, using E70XX, low hydrogen electrodes
- Hot Dip Galvanized in accordance with ASTM A123
- Debur all sharp edges

Installation Steps:

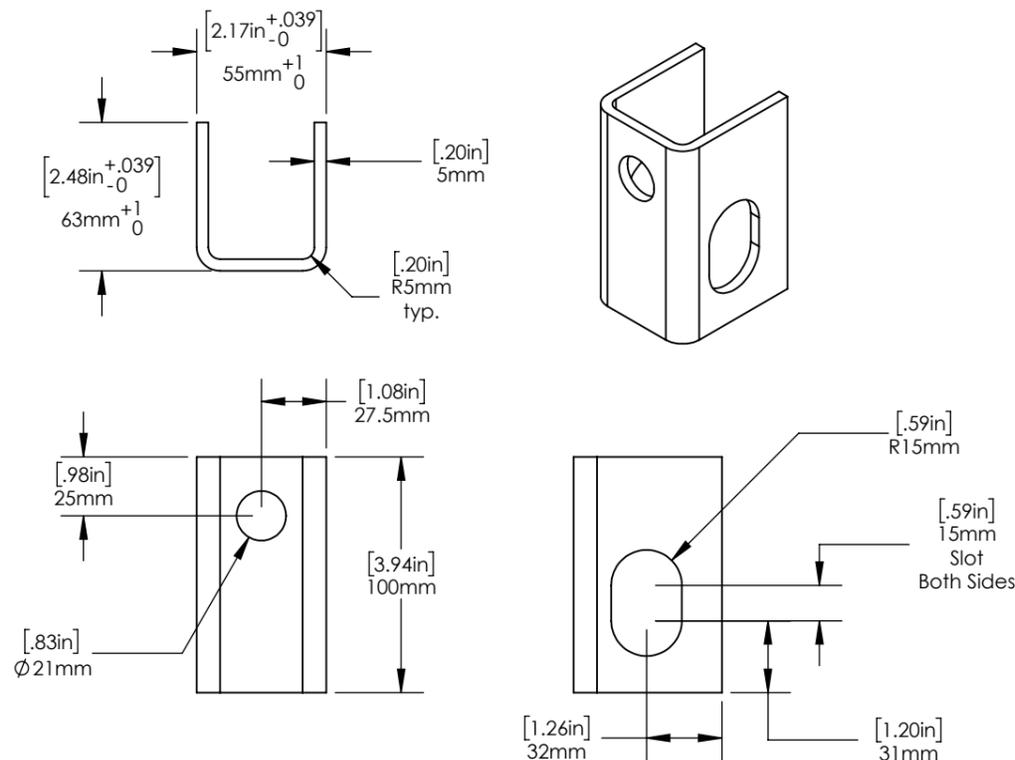
- Outside nut shall be turned to end of step bolt threads prior to installation.
- Step bolt shall be turned through inside nut until bolt makes snug contact with pole.
- Outside nut shall be snugged against clip then tightened 1/4 to 1/2 turn to achieve proper step bolt preload.



CLIP-STEP BOLT SPACING



CLIP



CAD-generated drawing do not manually update				1041 Grand Ave., #213 St. Paul, MN 55105 (651) 330-1263 www.aretelcom.com	
Total Weight 3.1 lbs (1.41 kg)		APPROVALS DRAWN MGC CHECKED RESP ENG MFG ENG QUAL ENG		DATE 10/12/20	
MATERIAL See Notes		Step Bolt/ Clip		CAD file : Details and dimensions not shown on this drawing can be found in CAD file.	
FINISH See Notes		scale NA rev. B size NA sheet 3 of 3			
DO NOT SCALE DRAWING					