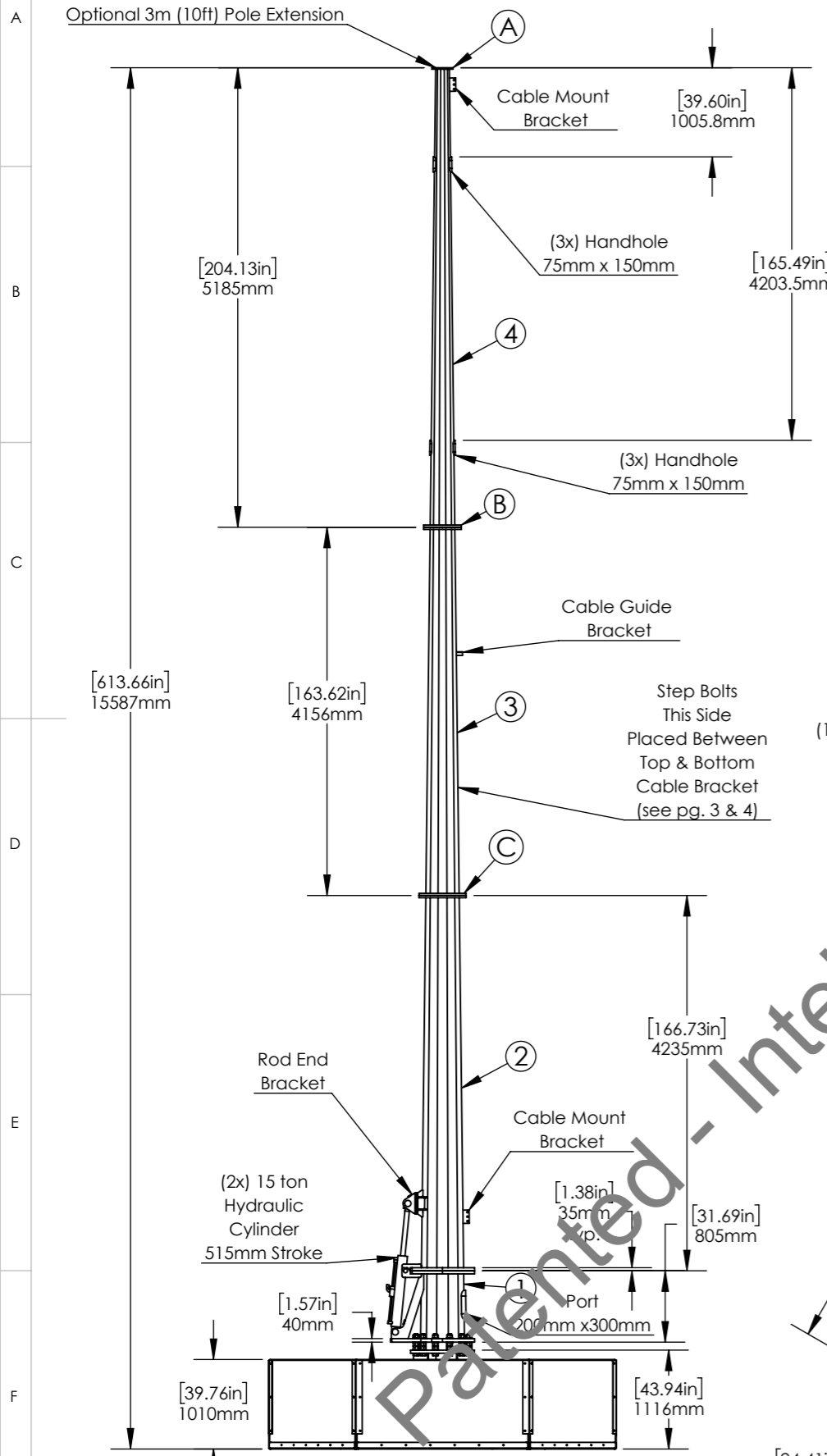
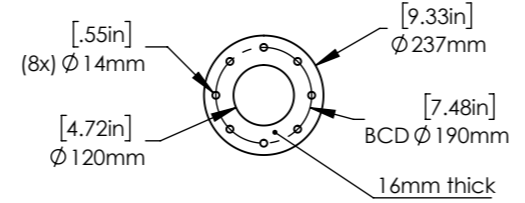


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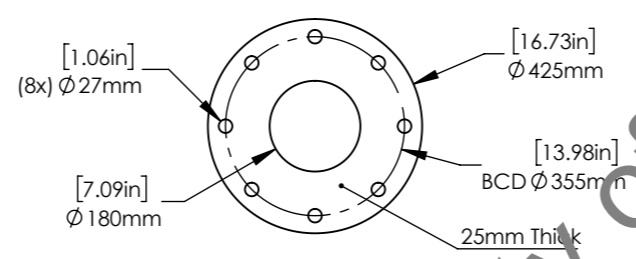
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	initial release	4/7/21	MGC
B	Revised weight units	9/21/21	MGC
C	Revised flange bolt diameters.	6/7/22	MGC



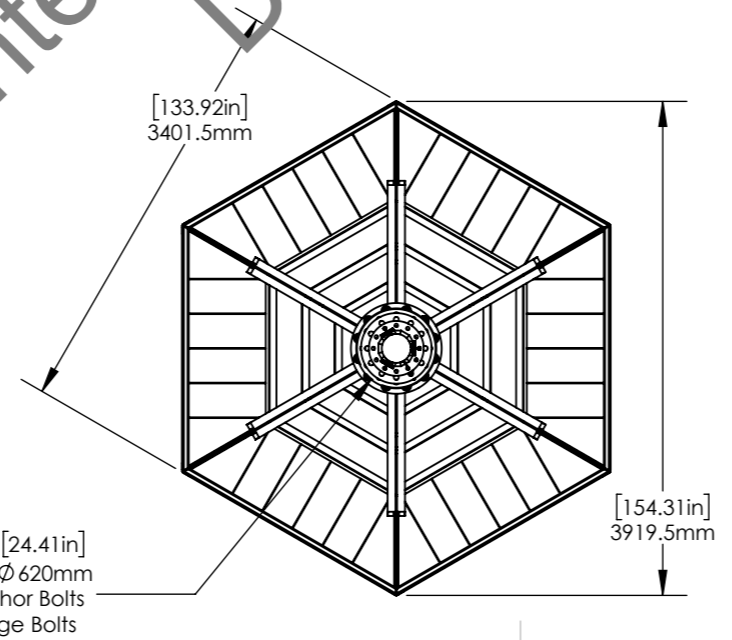
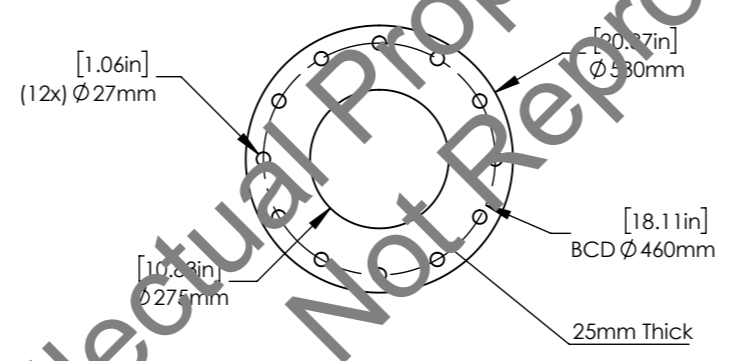
A. Flange



B. Flange



C. Flange



- Survival Wind Speed: Per Code
 - Structure Class - Per Code
 - Topographic - Per Code
 - Exposure - Per Code
- Design and Welding Codes:
 - FIA 22-G
 - AVIS D1.1
- Material (or equivalent)
 - Pole: Q355 (ASTM A572 GR50)
 - Baseplate: Q355 (ASTM A572 GR50)
 - Splice Plates/ Flanges: Q355 (ASTM A572 GR50)
- (A) Flange/ Rod End Bracket Bolts: (8X) M12x1.75 x 60mm - GR 8.8
 - (1X) Nut (2X) Washer
 - Optional (1/2-13 x 2.375in GR A325)
 - Hot Dip Galv. per ASTM F2329
- (B-C) Flange Bolts: (20X) M24x3 x 100mm - GR 8.8
 - (1X) Nut (2X) Washer
 - Optional (1-8 x 4in GR A325)
 - Hot Dip Galv. per ASTM F2329
- Hing Flange Bolts: (12X) M36x4 x 125mm - GR 8.8
 - (3x) Nut (4x) Washer
 - Optional (1 1/2-6 x 5in) Grade ASTM F1554 G55)
 - Hot Dip Galv. per ASTM F2329
- Anchor Bolts: (12X) M36x4 x 225mm - GR 8.8
 - (3x) Nut (4x) Washer
 - Optional (1 1/2-6 x 9in) Grade ASTM F1554 G55)
 - Hot Dip Galv. per ASTM F2329
- Pole has 12 sides
- Finish: Hot dip Galvanizing per ASTM A123

10. Pole Section Details

Pole Section	#1	#2	#3	#4
Thickness - (mm)/ (in)	0.197/ 5	0.197/ 5	0.197/ 5	0.197/ 5
Length - (m)/ (ft)	0.805/ 2.64	4.235/ 13.9	4.156/ 13.64	5.185/ 17
Top Dia. - (mm)/ (in)	478/ 18.8	377/ 14.8	278/ 10.94	155/ 6.1
Bottom Dia. - (mm)/ (in)	495/ 19.5	476/ 18.74	376/ 14.8	277/ 10.9
Min Slip - (mm)/ (in)		NA	NA	NA
Section Weight (kg)/ (lb)	313/ 689	392/ 862	221/ 486	169/ 372

Maximum Additional Weight to Top of Pole: 275 kg/1265 lb

CAD-generated drawing do not manually update

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APPROVALS	DATE
DRAWN MGC	6/7/22
CHECKED	
RESP ENG	
MFG ENG	
QUAL ENG	

15.6m 4SF Hyd AFS400

CAD file: Details and dimensions not shown on this drawing can be found in CAD file.

scale NA rev. C size NA sheet 1 of 4