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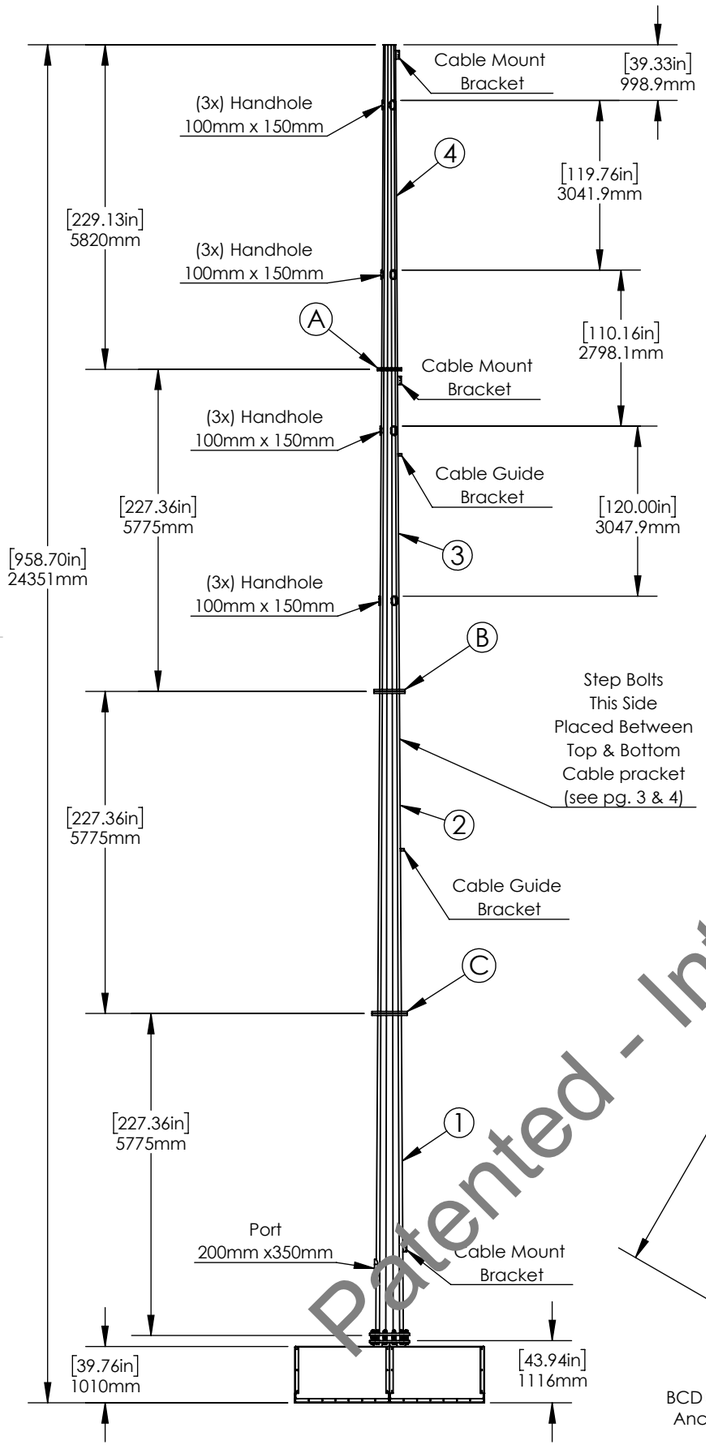
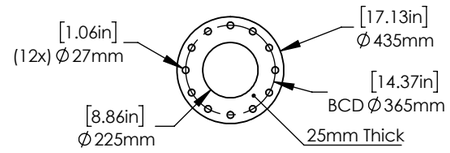
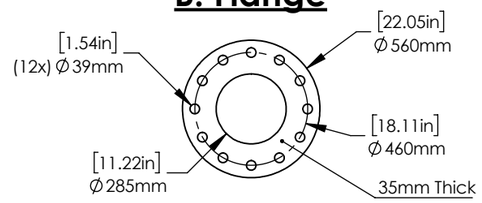
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	initial release	3/24/21	MGC
B			



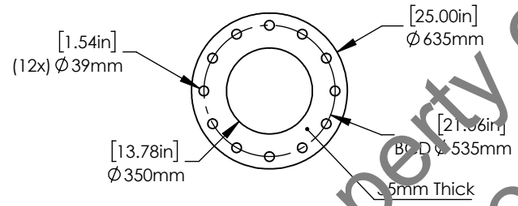
A. Flange



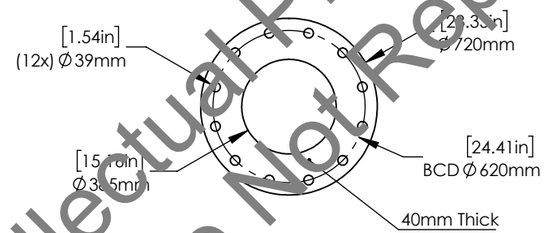
B. Flange

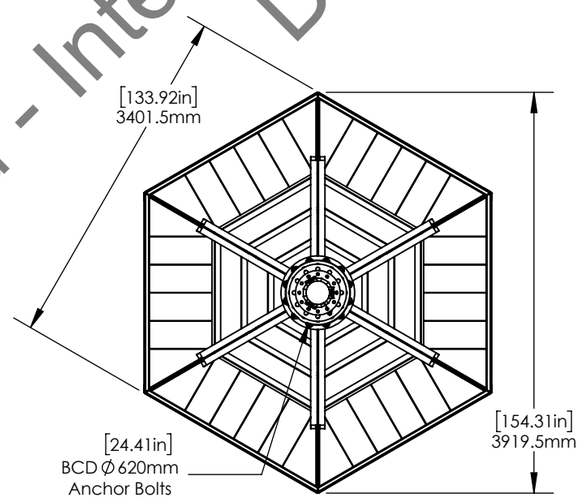


C. Flange



Base Plate





1. Survival Wind Speed: Per Code
   - Structure Class - Per Code
   - Topographic - Per Code
   - Exposure - Per Code

2. Design and Welding Codes:
   - TIA-222-G
   - AWS D1.1

3. Material (or equivalent)
   - Pole: Q355 (ASTM A572 GR50)
   - Baseplate: Q355 (ASTM A572 GR50)
   - Splice Plates/ Flanges: Q355 (ASTM A572 GR50)

4. (A) Flange Bolts: (12X) M24x3 x 100mm - GR 8.8
   - (1X) Nut (2X)Washer
   - Optional (1-8 x 4in GR A325)
   - Hot Dip Galv. per ASTM F2329

5. (B-C) Flange Bolts: (24X) M36x4 x 125mm - GR 8.8
   - (1X) Nut (2X)Washer
   - Optional (1 1/2-6 x 5in GR A325)
   - Hot Dip Galv. per ASTM F2329

6. 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

7. Pole has 12 sides

8. Finish: Hot dip Galvanizing per ASTM A123

9. Pole Section Details

Pole Section	#1	#2	#3	#4
Thickness - (mm)/ (in)	0.315/ 8	0.197/ 5	0.197/ 5	0.197/ 5
Length - (m)/ (ft)	5.775/ 18.95	5.775/ 18.95	5.775/ 18.95	5.82/ 18.95
Top Dia. - (mm)/ (in)	425/ 16.73	355/ 13.98	284/ 11.2	213/ 8.39
Bottom Dia. - (mm)/ (in)	495/ 19.5	424.5/ 16.71	354/ 13.94	283.5/ 11.2
Min Slip - (mm)/ (in)		NA	NA	NA
Section Weight (kg)/ (lb)	675/ 1485	383/ 843	299/ 658	205/ 451

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CAD-generated drawing
do not manually update

	APPROVALS	DATE
DRAWN	MGC	3/24/21
CHECKED		
RESP ENG		
MFG ENG		
QUAL ENG		

MATERIAL See Notes
FINISH See Notes
DO NOT SCALE DRAWING

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24.4m 4SF AFS400

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

scale NA | rev. A | size NA | sheet 1 of 4