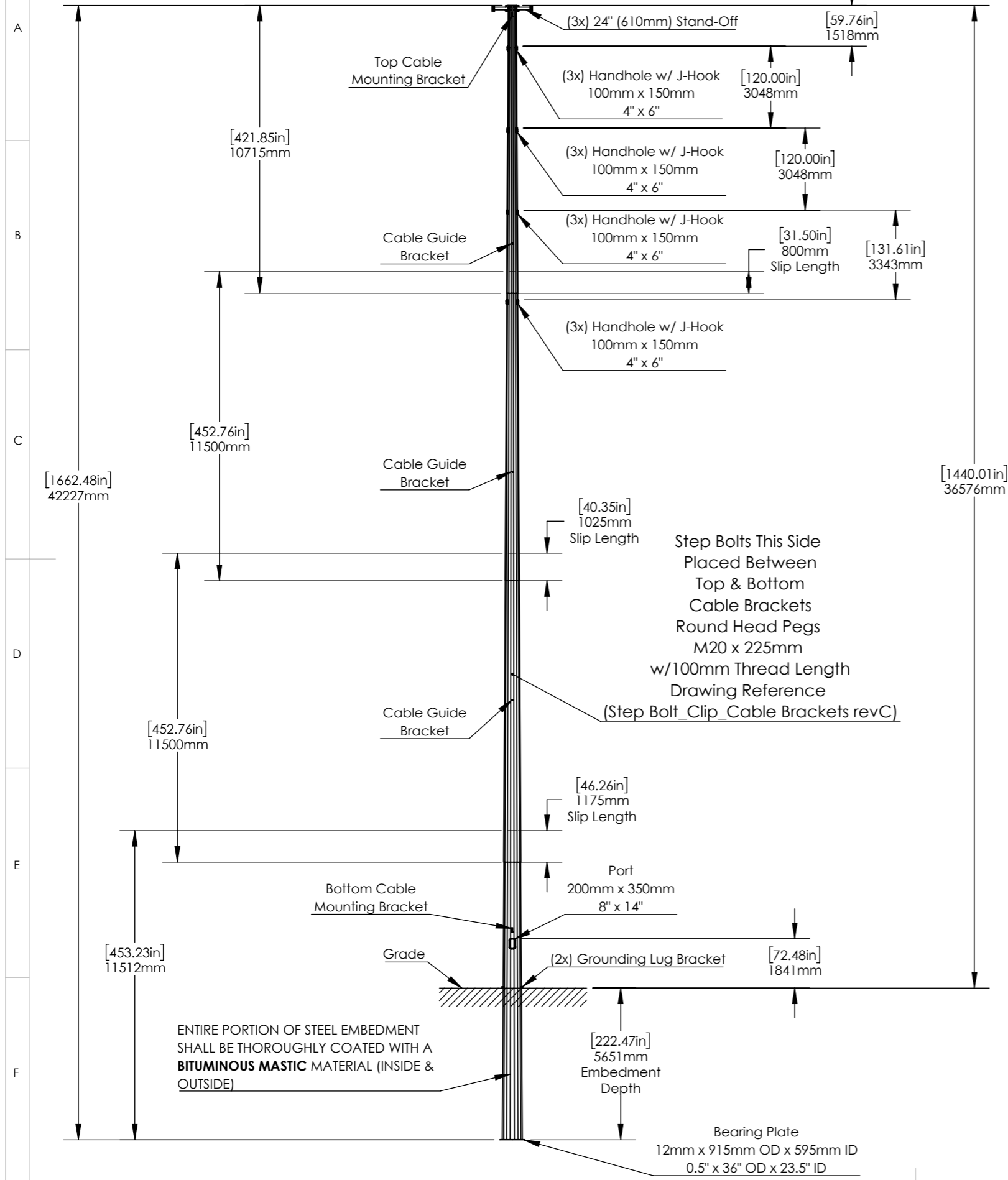


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	initial release	12/15/20	MGC
B			



- Survival Wind Speed: 90 MPH (40.2 m/s) (Nominal 3-Second Gust)
 - Structure Class - II
 - Topographic - 1 (Crest Height - NA)
 - Exposure - C
 - 50 MPH (22.5 m/s) Basic Wind with 0.75" (19mm) Ice. Ice is considered to increase in thickness with height.
- Design and Welding Codes:
 - TIA-222-G
 - AWS D1.1
- Material (or Equivalent)
 - Pole: ASTM A572 GR65
 - Equivalent (Q420B)
- Deflection: <2% at 60 MPH (26.8 m/s)
- Stand-Off Mounting Bolts: (12x) M16x2 x 65mm Full Thread GR 8.8
 - (Optional) 5/8-11 x 2.5" Full Thread, Grade A325 HDG
 - Galv. per ASTM F2329
 - (1x) Nut, (2x) Washer (ea.)
- Finish: Hot dip Galvanizing per ASTM A123
- Pole has 16 sides
- Pole Section Details

Pole Section	#1	#2	#3	#4
Thickness - (in)/ (mm)	0.315/ 8	0.315/ 8	0.236/ 5	0.197/ 5
Length - (ft)/ (m)	37.73/ 11.5	37.73/ 11.5	37.73/ 11.5	35.2/ 10.72
Top Dia. - (in)/ (mm)	24.25/ 616	20.2/ 513	15.9/ 404	11.8/ 300
Bottom Dia. - (in)/ (mm)	29.44/ 748	25.4/ 645	21.14/ 537	16.7/ 423
Min Slip - (in)/ (mm)		46.26/ 1175	40.35/ 1025	31.5/ 800
Weight (lbs)/ (kg)	3531/ 1605	2909/ 1322	1782/ 810	1146/ 521

CAD-generated drawing
do not manually update

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St. Paul, MN 55105 (651) 330-1263

Total Weight 9458 lbs (4299 kg) Does not include fasteners	APPROVALS	DATE	120ft 4 Section SJ Direct Burial Pole
	DRAWN MGC	12/15/20	
	CHECKED		
MATERIAL See Notes	RESP ENG		CAD file :
FINISH See Notes	MFG ENG		Details and dimensions not shown on this drawing can be found in CAD file.
DO NOT SCALE DRAWING	QUAL ENG		scale NA rev. A size NA sheet 1 of 1