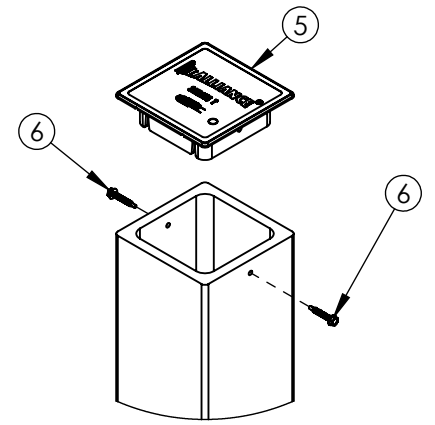
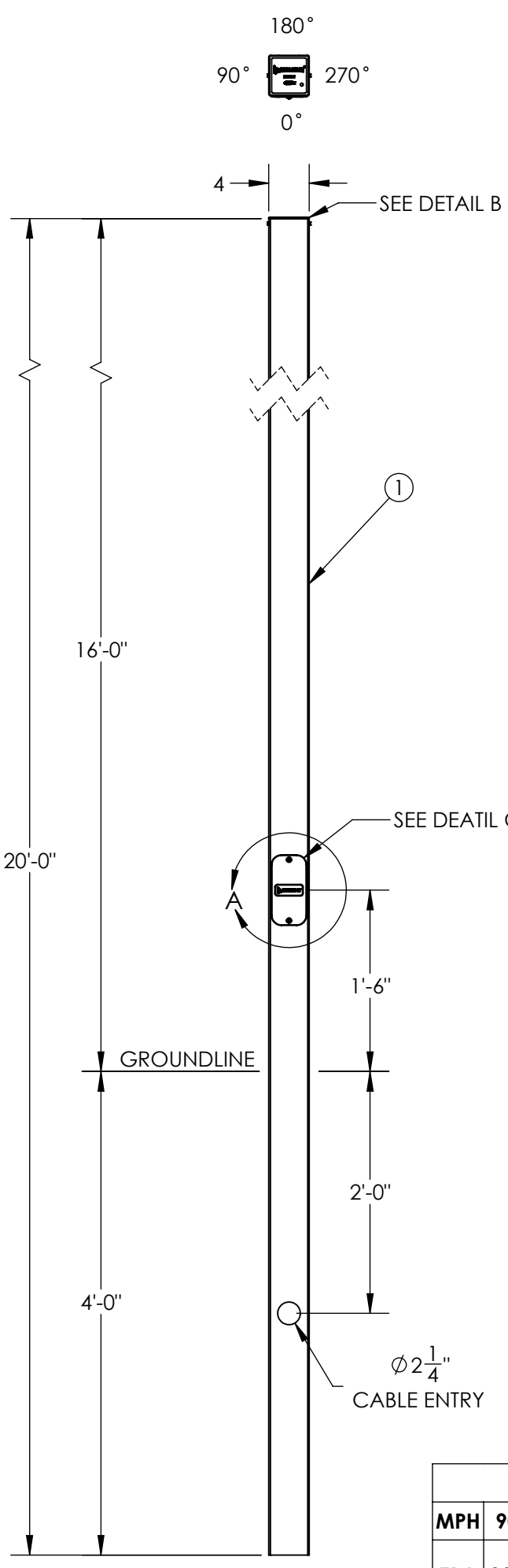


ITEM NO.	DESCRIPTION	QTY.
1	BEAM, PULTRUDED STOCK	1
2	HANDHOLE COVER	1
3	RIVET NUT, 1/4-20	2
4	PHILLIPS SCREW, 1/4"-20x3/4"	2
5	TOP CAP, T5	1
6	HEX SCREW, #8-18 x 1 in	2

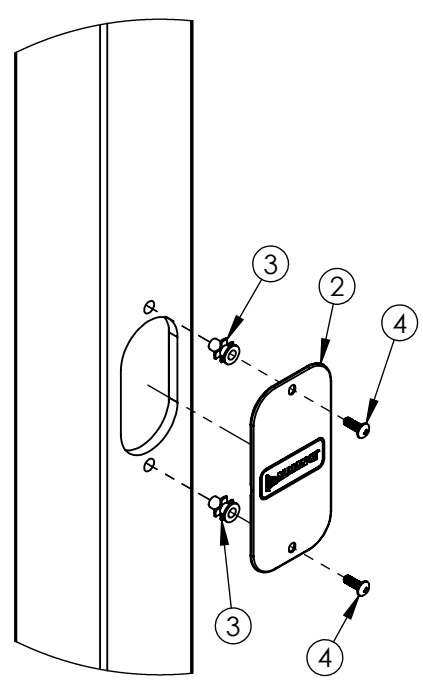
REVISIONS				
REV.	DESCRIPTION	DATE	INITIALS	ECO

FEATURE ORIENTATIONS				
	0°	90°	180°	270°
HAND HOLE	X			
CABLE ENTRY	X			

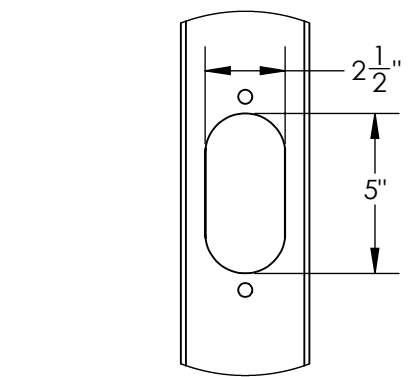
**NOTE:** ALL HOLES DRILLED ONLY THROUGH THE FACES SPECIFIED BY 'X'



DETAIL B  
TOP CAP ASSEMBLY  
SCALE 1 : 6



DETAIL C  
COVER ASSEMBLY



DETAIL A  
HANDHOLE CUTOUT  
COVER REMOVED FOR CLARITY  
SCALE 1 : 6

MPH	BUILD		MAXIMUM EPA PER WINDZONE									
	90	100	90	100	110	120	130	140	150	160	170	180
EPA	44.5	35.2	28.3	23.1	19.3	18.4	15.4	13.0	11.0	9.3		

D4SH20F00S1 ↓ GXHH

**G = GRAY**  
**A = BLACK**  
**F = BRONZE**  
**W = WHITE**  
**N = GREEN**

- NOTES:
- DIRECT BURIAL CLASS 1 POLE PER ASTM 4923. POLE TOP DEFLECTION SHALL NOT EXCEED 15% OF THE ABOVE GROUND HEIGHT AT MAXIMUM WIND LOADING AND MAXIMUM FIXTURE WEIGHT.
  - DESIGN CRITERIA PER AASHTO LTS-6-2013 WITH A MINIMUM SAFETY FACTOR OF 1.5 PER ANSI C136.20-2012.
  - WIND SPEEDS DEFINED AS 3 SECOND GUST PER ASCE 7-16 WITH VELOCITY CONVERSIONS PER 2018 IBC 1609.3.1.
  - EMBEDMENT BASED ON MINIMUM DEPTH RECOMMENDED BY ANSIC136.20-2012 SECTION 5.3. EMBEDMENT SHOWN MAY REQUIRE BACKFILL BETTER THAN CLASS 1 SOIL IF LOADED TO MAXIMUM EPA'S. CONTACT ALLIANCE ENGINEERING FOR DEATILS.

---UNLESS OTHERWISE SPECIFIED---  
DIMENSION UNITS ARE IN FEET AND INCHES  
DIMENSIONS SHOWN ARE NOMINAL


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CUSTOMER SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_


STATE: RELEASED 2024-04-16  
DRAWN: ARK 2024-04-15  
CHECKED: NDH 2024-04-15  
APPROVED: ARK 2024-04-16  
REPLACES: \_\_\_\_\_

THIRD ANGLE PROJECTION

**-REFERENCES-**  
alliancecompositesinc.com/warranty  
geotek.com/termsandconditions



GEOTEK  
A Whole New World of Composites



ALLIANCE

DESCRIPTION:  
**POLE ASSEMBLY  
HEAVY DUTY, 20FT**

1421 SECOND AVE NW  
STEWARTVILLE, MN 55976  
(800) 533-1680  
www.geotek.com

SIZE: DWG. NO. **B D4SH20F00S1XGXHH**

SCALE: 1:18

POLE COLOR: REV: 0.0

SHEET 1 OF 1