

4

3

2

1

ITEM NO.	PART NUMBER	DESCRIPTION	DESCRIPTION 2	QTY.
1	POLE	POLE, DIRECT BURIAL	-	1
2	CAP-0015M	CAP, 4.5" TIP	BLACK	1
3	COV-0012	HANDHOLE COVER, 2-1/2" X 5"	ROUND TAPERED	1
4	RN0250-0003	RIVET NUT, 1/4-20	.280 - .500 GRIP RANGE	2
5	PS0250	PHILLIPS SCREW 1/4"-20 X 1"	-	2

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

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

180°

90°

270°

0°

HANDHOLE

Ø 4 1/2" O.D. TIP

2

25'0"

30'0"

1

HANDHOLE WITH COVER

3

B

1'6"

GROUNDLINE

2'0"

( 5'0" )

Ø 2 1/4" CABLE ENTRY

Ø 8 11/16" O.D. BUTT

2 1/2"

5"

DETAIL B

HANDHOLE CUTOUT

COVER REMOVED FOR CLARITY

SCALE 1 : 6

4

3

5

4

5

DETAIL A

COVER ASSEMBLY

SCALE 1 : 6

NOTES:

1. 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.

2. DESIGN CRITERIA PER AASHTO LTS-6-2013 WITH A MINIMUM SAFETY FACTOR OF 1.5 PER ANSI C136.20-2012.

3. WIND SPEEDS DEFINED AS 3 SECOND GUST PER ASCE 7-16 WITH VELOCITY CONVERSIONS PER 2018 IBC 1609.3.1.

4. EMBEDMENT BASED ON MINIMUM DEPTH RECOMMENDED BY ANSI C136.20-2012 SECTION 5.3 AND ASSUMING CLASS 2 SOIL OR BETTER WHEN LOADED AT MAXIMUM EPA.

MAXIMUM EPA PER WINDZONE										
MPH	90	100	110	120	130	140	150	160	170	180
EPA	15.8	11.6	9.1	7.4	6.1	5.9	4.9	4.1	3.5	3.0

N

S

= NATURAL FINISH

= SMOOTH FINISH

D5TI30F001GXHHM

G

A

F

W

N

= GRAY

= BLACK

= BRONZE

= WHITE

= GREEN

---UNLESS OTHERWISE SPECIFIED---

DIMENSION UNITS ARE IN FEET AND INCHES

DIMENSIONS SHOWN ARE NOMINAL

STATE:

REVIEW

2025-07-18

DRAWN:

BMR

2023-12-01

CHECKED:

ARK

2025-07-18

APPROVED:

REPLACES:

-

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CUSTOMER SIGNATURE:

DATE:

THIRD ANGLE PROJECTION

-REFERENCES-

alliancecompositesinc.com/warranty

geotek.com/termsandconditions

GEOTEK

A Whole New World of Composites

ALLIANCE™

DESCRIPTION:

POLE ASSEMBLY, DIRECT BURIAL

INTERMEDIATE DUTY, 30FT

1421 SECOND AVE NW

STEWARTVILLE, MN 55976

(800) 533-1680

www.geotek.com

SIZE:

DWG. NO.

POLE COLOR:

REV:

B

D5TI30F00X1XGXHHM

1.0

SCALE: 1:28

SHEET 1 OF 1