

ITEM NO.

1

PART NUMBER

POLE

DESCRIPTION

POLE, DIRECT BURIAL

DESCRIPTION 2

-

QTY.

1

2

CAP-0002

CAP, 4" TIP

-

1

3

COV-0012

HANDHOLE COVER, 2-1/2" X 5"

ROUND TAPERED

1

4

PS0250

PHILLIPS SCREW 1/4"-20 X 1"

-

2

5

RN0250-0003

RIVET NUT, 1/4-20

.280 - .500 GRIP RANGE

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" O.D. TIP

2

15'0"

12'0"

1'6"

2'0"

Ø 2 1/4" CABLE ENTRY

Ø 6 1/8" O.D. BUTT

3

B

HANDHOLE WITH COVER

GROUNDLINE

(3'0")

DETAIL A

COVER ASSEMBLY

SCALE 1 : 6

DETAIL B

HANDHOLE CUTOUT

COVER REMOVED FOR CLARITY

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 1 SOIL OR BETTER WHEN LOADED AT MAXIMUM EPA.

STATE:

REVIEW

2025-07-24

DRAWN:

BLZ

2025-04-18

CHECKED:

AKS

2025-07-24

APPROVED:

REPLACES:

-

PROPRIETARY AND CONFIDENTIAL

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CUSTOMER SIGNATURE:

DATE:

THIRD ANGLE PROJECTION

-REFERENCES-

alliancecompositesinc.com/warranty

geotek.com/termsandconditions

DESCRIPTION:

POLE ASSEMBLY, DIRECT BURIAL
EXTRA HEAVY DUTY, 15 FT

SIZE:

DWG. NO.

B D3TE15F00X1XGXHH

SCALE:

1:20

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

POLE COLOR:

REV:

0.1

MAXIMUM EPA PER WINDZONE

MPH	90	100	110	120	130	140	150	160	170	180
EPA	18.4	14.5	11.6	9.3	7.7	7.4	6.3	5.4	4.7	4.1

N

S

= NATURAL FINISH

= SMOOTH FINISH

D3TE15F00

1

GXHH

G = GRAY

A = BLACK

F = BRONZE

W = WHITE

N = GREEN

GEOTEK

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ALLIANCE™

SHEET 1 OF 1