

ITEM NO.

PART NUMBER

DESCRIPTION

DESCRIPTION2

QTY.

1

POLE

POLE, DIRECT BURIAL

-

1

2

CAP-0014M

CAP, 4" 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

ECO

REV.

DESCRIPTION

DATE

INITIALS

1.0

PS0250 WAS PS0250-0008, UPDATE DRAWING FORMAT

7/17/2025

ARK

FEATURE ORIENTATIONS

0°

90°

180°

270°

CABLE ENTRY

X

HAND HOLE

X

180°

90°

270°

0°

HANDHOLE

NOTE:

ALL HOLES DRILLED ONLY THROUGH THE

FACES SPECIFIED BY 'X'

15'0"

12'0"

1'6"

2'0"

3'0"

GROUNDLINE

Ø 4" O.D. TIP

Ø 2 1/4" CABLE ENTRY

Ø 6 1/8" O.D. BUTT

HANDHOLE WITH COVER

DETAIL B

HANDHOLE CUTOUT

COVER REMOVED FOR CLARITY

SCALE 1 : 6

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 1 SOIL OR BETTER WHEN LOADED AT MAXIMUM EPA.

MAXIMUM EPA PER WINDZONE

MPH

90

100

110

120

130

140

150

160

170

180

EPA

8.7

6.6

5.0

3.8

3.0

2.8

2.3

1.9

1.6

1.4

N

S

= NATURAL FINISH

= SMOOTH FINISH

D3TS15F00

1

1

GXHHM

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

2023-04-03

CHECKED:

BLZ

2025-07-18

APPROVED:

REPLACES:

THIRD ANGLE PROJECTION

DESCRIPTION:

POLE ASSEMBLY, DIRECT BURIAL

STANDARD DUTY, 15 FT

1421 SECOND AVE NW

STEWARTVILLE, MN 55976

(800) 533-1680

www.geotek.com

CUSTOMER SIGNATURE:

DATE:

REFERENCES

alliancecompositesinc.com/warranty

geotek.com/termsandconditions

SIZE:

DWG. NO.

B D5TS15F00X1XGXHHM

SCALE: 1:24

SHEET 1 OF 1

GEOTEK

ALLIANCE