

ITEM NO.

PART NUMBER

DESCRIPTION

DESCRIPTION 2

QTY.

1

POLE

POLE, DIRECT BURIAL

-

1

2

CAP-0001

CAP, 4.5" TIP

-

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°

0°

270°

HANDHOLE

Ø 4 1/2" O.D. TIP

2

35'0"

30'0"

1

3

HANDHOLE WITH COVER

1'6"

GROUNDLINE

2'0"

(5'0")

Ø 2 1/4" CABLE ENTRY

Ø 9 3/8" O.D. BUTT

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.

STATE:

REVIEW

2025-07-24

DRAWN:

ARK

2025-04-22

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, 35 FT

SIZE:

DWG. NO.

B D5TE35F00X1XGXHH

SCALE: 1:28

SHEET 1 OF 1

1421 SECOND AVE NW

STEWARTVILLE, MN 55976

(800) 533-1680

www.geotek.com

POLE COLOR:

REV:

0.1

ECO

REV.

DESCRIPTION

DATE

INITIALS

0.1

UPDATE DRAWING FORMAT

7/23/2025

STK

MAXIMUM EPA PER WINDZONE

MPH

90

100

110

120

130

140

150

160

170

180

EPA

32.2

25.1

20.3

16.7

14.2

13.6

11.6

10.0

8.7

7.6

N

S

D5TE35F00

1

GXHH

N = NATURAL FINISH

S = SMOOTH FINISH

G = GRAY

A = BLACK

F = BRONZE

W = WHITE

N = GREEN