

ITEM NO.

PART NUMBER

DESCRIPTION

DESCRIPTION2

QTY.

1

POLE

POLE, DIRECT BURIAL

-

1

2

TEN-0003

2-3/8" O.D. TENON

3-1/2" HEIGHT

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 SHEET FORMAT

7/17/2025

ARK

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

Ø 8 11/16" O.D. BUTT

30'0"

25'0"

(5'0")

1

2

3

HANDHOLE WITH COVER

GROUNDLINE

Ø 2 1/4" CABLE ENTRY

1'6"

2'0"

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 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	10.8	7.6	5.8	4.5	3.7	3.5	2.9	2.4	1.9	1.6

N

S

= NATURAL FINISH

= SMOOTH FINISH

D5TS30F00

1

2

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

2023-03-13

CHECKED:

BLZ

2025-07-18

APPROVED:

REPLACES:

-

THIRD ANGLE PROJECTION

DESCRIPTION:

POLE ASSEMBLY, DIRECT BURIAL

STANDARD DUTY, 30 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

D5TS30F00X2XGXHHM

SCALE: 1:28

SHEET 1 OF 1

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