

4

ITEM NO.

PART NUMBER

DESCRIPTION

DESCRIPTION2

QTY.

1

POLE

POLE, DIRECT BURIAL

-

1

2

TEN-0007

3" 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

3

FEATURE ORIENTATIONS

0°

90°

180°

270°

CABLE ENTRY

X

HAND HOLE

X

2

ECO

REV.

DESCRIPTION

DATE

INITIALS

1.0

PS0250 WAS PS0250-0008, UPDATE DRAWING FORMAT

7/17/2025

ARK

1

180°

90°

270°

0°

HANDHOLE

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

30'0"

25'0"

GROUNDLINE

(5'0")

Ø 4 1/2" O.D. TIP

Ø 8 11/16" O.D. BUTT

Ø 2 1/4" CABLE ENTRY

HANDHOLE WITH COVER

1

2

3

B

DETAIL B
HANDHOLE CUTOUT
COVER REMOVED FOR CLARITY
SCALE 1 : 6

2 1/2"

5"

DETAIL A
COVER ASSEMBLY
SCALE 1 : 6

4

3

5

4

5

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

↑3

↓

GXHHM

G = GRAY

A = BLACK

F = BRONZE

W = WHITE

N = 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, 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 D5TS30F00X3XGXHHM

POLE COLOR: REV:
1.0

SCALE: 1:28

SHEET 1 OF 1

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