

ITEM NO.

1

PART NUMBER

POLE

DESCRIPTION

POLE, DIRECT BURIAL

DESCRIPTION2

-

QTY.

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

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

20'0"

16'0"

1'6"

2'0"

(4'0")

Ø 4" O.D. TIP

Ø 2 1/4" CABLE ENTRY

Ø 6 13/16" O.D. BUTT

1

3

B

HANDHOLE
WITH COVER

GROUNDLINE

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.

STATE:

REVIEW

2025-06-13

DRAWN:

BMR

2023-04-03

CHECKED:

BLZ

2025-06-13

APPROVED:

REPLACES:

-

THIRD ANGLE PROJECTION

DESCRIPTION:

POLE ASSEMBLY, DIRECT BURIAL
STANDARD DUTY, 20 FT

SIZE:

DWG. NO.

POLE COLOR:

REV:

B

D4TS20F00X1XGXHHM

1.0

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

SCALE: 1:28

SHEET 1 OF 1

ECO

REV.

1.0

REVISIONS

DESCRIPTION

UPDATE DRAWING FORMAT

DATE

6/13/2025

INITIALS

ARK

MAXIMUM EPA PER WINDZONE

MPH	90	100	110	120	130	140	150	160	170	180
EPA	8.8	6.5	4.8	3.5	2.7	2.6	2.1	1.7	1.4	1.2

N

S

= NATURAL FINISH

= SMOOTH FINISH

D4TS20F001GXHHM

G

A

F

W

N

= GRAY

= BLACK

= BRONZE

= WHITE

= GREEN