

ITEM NO.

PART NUMBER

DESCRIPTION

DESCRIPTION 2

QTY.

1

POLE

POLE, DIRECT BURIAL

-

1

2

TEN-0007

TENON 3"

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

FEATURE ORIENTATIONS

0°

90°

180°

270°

CABLE ENTRY

X

HAND HOLE

X

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

180°

270°

0°

90°

HANDHOLE

Ø 4 1/2" O.D. TIP

2

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

35'0"

30'0"

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.

STATE: REVIEW 2025-07-21

DRAWN: ARK 2024-08-01

CHECKED: BLZ 2025-07-21

APPROVED:

REPLACES: _

DESCRIPTION:
POLE ASSEMBLY, DIRECT BURIAL
STANDARD DUTY, 35 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 D5TS35F00X3XGXHHM

SCALE: 1:28

POLE COLOR: REV:
1.0

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ALLIANCE™

4

3

2

1

4

3

2

1