

ITEM NO.

PART NUMBER

DESCRIPTION

DESCRIPTION2

QTY.

1

POLE

POLE, DIRECT BURIAL

-

1

2

TEN-0001

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

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

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

20'0"

16'0"

GROUNDLINE

(4'0")

1'6"

2'0"

Ø 2 1/4" CABLE ENTRY

Ø 6 13/16" O.D. BUTT

Ø 4" O.D. TIP

HANDHOLE WITH COVER

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.

0.1

STATE: REVIEW 2025-07-18

DRAWN: BMR 2023-03-20

CHECKED: BLZ 2025-07-18

APPROVED:

REPLACES:

THIRD ANGLE PROJECTION

DESCRIPTION:
POLE ASSEMBLY, DIRECT BURIAL
STANDARD DUTY, 20 FT

SIZE: DWG. NO.

B D4TS20F00X2XGXHHM

POLE COLOR: REV:

1.0

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GEOTEK

ALLIANCE

SCALE: 1:28

SHEET 1 OF 1

UNLESS OTHERWISE SPECIFIED

DIMENSION UNITS ARE IN FEET AND INCHES
DIMENSIONS SHOWN ARE NOMINAL

PROPRIETARY AND CONFIDENTIAL

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CUSTOMER SIGNATURE: DATE:

REFERENCES

alliancecompositesinc.com/warranty
geotek.com/termsandconditions