

ITEM NO.

1

PART NUMBER

POLE

DESCRIPTION

POLE, DIRECT BURIAL

DESCRIPTION2

-

QTY.

1

2

TEN-0002

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

ECO

REV.

DESCRIPTION

DATE

INITIALS

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" O.D. TIP

2

12'0"

15'0"

1

3

HANDHOLE WITH COVER

1'6"

GROUNDLINE

2'0"

Ø 2 1/4" CABLE ENTRY

Ø 6 1/8" O.D. BUTT

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 HEIGHT AT MAX WIND LOADING AND MAX 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 1 SOIL OR BETTER WHEN LOADED AT MAXIMUM EPA.

MAXIMUM EPA PER WINDZONE

MPH

90

100

110

120

130

140

150

160

170

180

EPA

11.9

9.2

7.2

5.7

4.6

4.3

3.6

3.1

2.7

2.3

N = NATURAL FINISH

S = SMOOTH FINISH

D3TI15F00

3

GXHH

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

2025-07-21

DRAWN:

ARK

2025-05-08

CHECKED:

ARK

2025-07-21

APPROVED:

2023-04-05

REPLACES:

-

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CUSTOMER SIGNATURE:

DATE:

THIRD ANGLE PROJECTION

REFERENCES

alliancecompositesinc.com/warranty

geotek.com/termsandconditions

DESCRIPTION:

POLE ASSEMBLY, DIRECT BURIAL

INTERMEDIATE DUTY, 15 FT

SIZE:

DWG. NO.

B D3TI15F00X3XGXHHM

SCALE: 1:24

1421 SECOND AVE NW

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POLE COLOR:

REV:

0.0

GEOTEK

ALLIANCE

4

3

2

1