

ITEM NO.

PART NUMBER

DESCRIPTION

DESCRIPTION 2

QTY.

1

POLE

POLE, DIRECT BURIAL

-

1

2

CAP-0015M

CAP, 4.5" 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

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

DETAIL B

HANDHOLE CUTOUT

COVER REMOVED FOR CLARITY

SCALE 1 : 6

4

3

5

4

5

DETAIL A

COVER ASSEMBLY

SCALE 1 : 6

24'0"

20'0"

1'6"

2'0"

(4'0")

GROUNDLINE

Ø 2 1/4" CABLE ENTRY

Ø 7 7/8" O.D. BUTT

Ø 4 1/2" O.D. TIP

1

2

3

B

HANDHOLE WITH COVER

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 1 SOIL OR BETTER WHEN LOADED AT MAXIMUM EPA.

STATE:REVIEW2025-07-18

DRAWN:BLZ2025-07-17

CHECKED:ARK2025-07-18

APPROVED:

REPLACES:

THIRD ANGLE PROJECTION

CUSTOMER SIGNATURE:

DATE:

-REFERENCES-

alliancecompositesinc.com/warranty

geotek.com/termsandconditions

DESCRIPTION:

POLE ASSEMBLY, DIRECT BURIAL

INTERMEDIATE DUTY, 24 FT

SIZE:DWG. NO.

B D4TI24F00X1XGXHHM

SCALE: 1:28

1421 SECOND AVE NW

STEWARTVILLE, MN 55976

(800) 533-1680

www.geotek.com

POLE COLOR:REV:

0.0

MAXIMUM EPA PER WINDZONE

MPH	90	100	110	120	130	140	150	160	170	180
EPA	12.4	9.1	6.8	5.5	4.5	4.3	3.6	3.0	2.6	2.2

N = NATURAL FINISH

S = SMOOTH FINISH

D4TI24F00

1

GXHHM

G = GRAY

A = BLACK

F = BRONZE

W = WHITE

N = GREEN

GEOTEK

ALLIANCE