

4

3

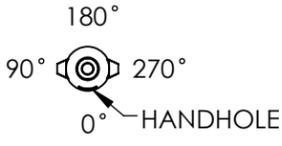
2

1

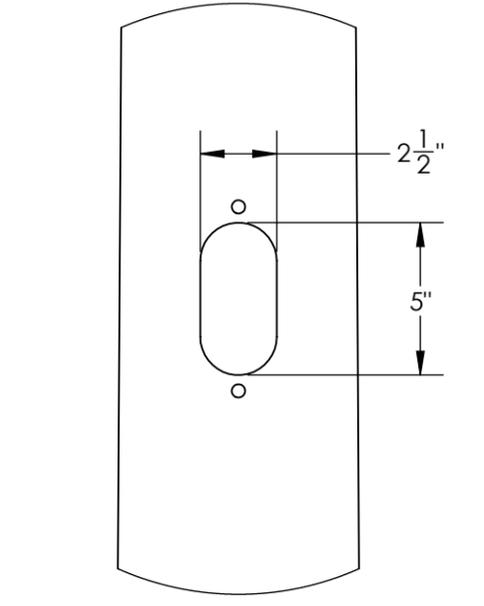
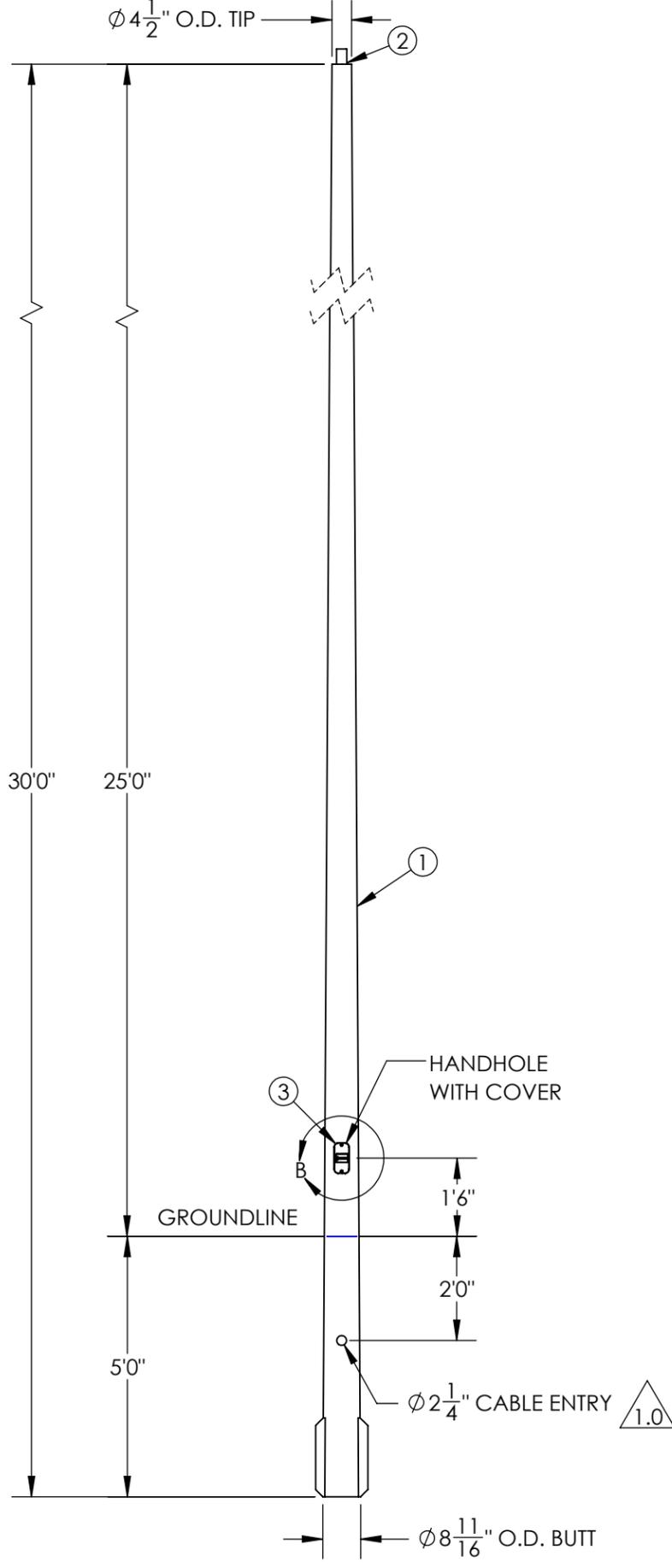
ITEM NO.	PART NUMBER	DESCRIPTION	DESCRIPTION 2	QTY.
1	POLE	-	-	1
2	TEN-0003	TENON 2-3/8"	3-1/2" HEIGHT	1
3	COV-0012	HANDHOLE COVER, 2-1/2" X 5"	ROUND TAPERED	1
4	RN0250-0003	RIVET NUT, 1/4-20	.280 - .500 GRIP RANGE	2
5	PS0250-0009	PHILLIPS SCREW, 1/4"-20 X 1"	BLACK OXIDE, STAINLESS	2

REVISIONS				
ECO	REV.	DESCRIPTION	DATE	INITIALS
	1.0	UPDATE CABLE ENTRY SIZE AND NOTE FORMAT	8/28/2023	AJH
	2.0	REPLACE COV-0001 WITH COV-0012, ADD RN0250-0003 AND PS0250-0009, UPDATE DRAWING FORMAT	4/11/2024	AKS
	2.1	UPDATE DRAWING FORMAT	4/29/2024	AKS

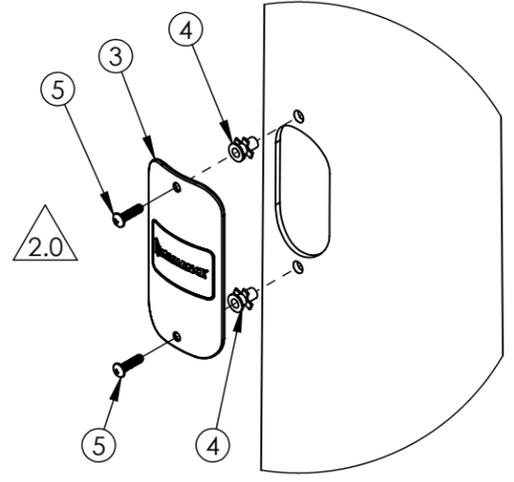
FEATURE ORIENTATIONS				
	0°	90°	180°	270°
CABLE ENTRY	X			
HAND HOLE	X			



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



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



DETAIL A
COVER ASSEMBLY
SCALE 1:6

- NOTES:
- 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.
 - DESIGN CRITERIA PER AASHTO LTS-6-2013 WITH A MINIMUM SAFETY FACTOR OF 1.5 PER ANSI C136.20-2012.
 - WIND SPEEDS DEFINED AS 3 SECOND GUST PER ASCE 7-16 WITH VELOCITY CONVERSIONS PER 2018 IBC 1609.3.1.
 - 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. 1.0

MAXIMUM EPA PER WINDZONE										
MPH	90	100	110	120	130	140	150	160	170	180
EPA	15.8	11.6	9.1	7.4	6.1	5.9	4.9	4.1	3.5	3.0

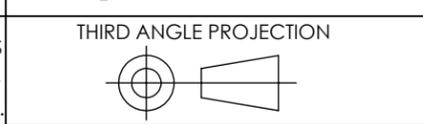
---UNLESS OTHERWISE SPECIFIED---
DIMENSION UNITS ARE IN FEET AND INCHES
DIMENSIONS SHOWN ARE NOMINAL

PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GEOTEK. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GEOTEK IS PROHIBITED.

CUSTOMER SIGNATURE: _____ DATE: _____

STATE:	RELEASED	2024-04-29
DRAWN:	AJH	2022-05-17
CHECKED:	IAB	2024-04-29
APPROVED:	AKS	2024-04-29
REPLACES:	-	

15841 Old US Highway 441
Tavares, Florida 32778
(321) 203-4869
sales@americanlightingsystems.com
AmericanLightingSystems.com



DESCRIPTION:
POLE SYSTEM, DIRECT BURIAL INTERMEDIATE DUTY, 30FT

SIZE: DWG. NO. **B DB5TI30N2BZ** POLE COLOR: REV: 2.1