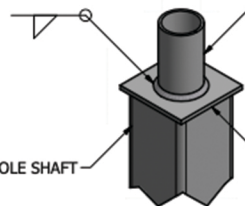


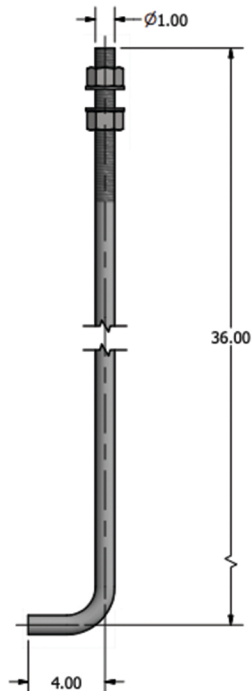
DRILL PER FIXTURE REQUIREMENTS:
D1 - DRILLED FOR 1 FIXTURE
D2 - DRILLED FOR 2 FIXTURES AT 90° & 180°
D3 - DRILLED FOR 3 FIXTURES
D4 - DRILLED FOR 4 FIXTURES

DRILL MOUNT OPTIONS



TENON MOUNT OPTIONS:
T2- Ø2.38 OD X 4.00 LG
T2.5 - Ø2.88 OD X 4.00 LG
T3- Ø3.00 OD X 5.00 LG
T4- Ø4.00 OD X 6.00 LG

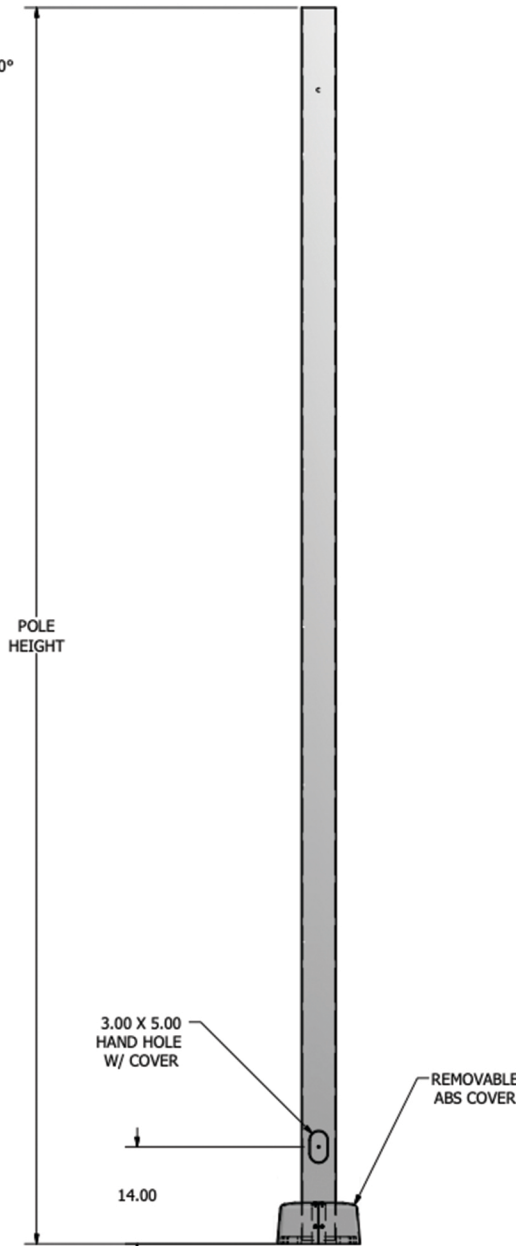
TENON MOUNT OPTIONS



Ø1.00 X 40.00 ANCHOR BOLT



DRAWN: L. GRUNIS	5/21/2018
CHECKED:	
REVISION:	DATE:
APPROVED:	
QUOTE:	
S.O.#	
REF:	SCALE: NONE



POLE DETAIL



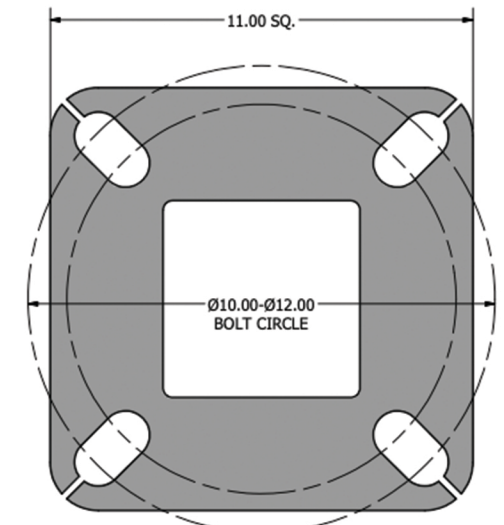
15841 Old US Highway
441 Tavares, FL 32778
(321) 203-4869
Sales@americanlightingsystems.com
www.AmericanLightingSystems.com

POLE SPECIFICATIONS					
NO.	COMPONENT	ASTM DESIGNATION	MIN. YIELD (P.S.I)		
1.	POLE SHAFT	A-500 GR. B	46,000		
2.	BASE PLATE	A36	36,000		
3.	ANCHOR BOLTS	F1554 GR. 55	55,000		
4.	GALVANIZED HARDWARE	A153	-		
FINISH SPECIFICATIONS					
POLES SHALL HAVE A POLYESTER POWDER COAT FINISH IN A STANDARD COLOR.					
POLE DIMENSIONS					
POLE HGT (FT.)	TOP SQ. SIZE (IN.)	BOT. SQ. SIZE (IN.)	GAGE	MTG. HGT. (FT.)	
30'	5.00	5.00	7 GAGE	30'	
BASE PLATE DIMENSIONS					
BOLT CIRCLE (IN.)	BASE PLATE DIM. (IN.)	BOLT HOLE (IN.)	PLATE THK. (IN.)		
10.00-12.00	11.00 SQ	1.25	1.00		
ANCHOR BOLT DIMENSIONS					
ANCHOR BOLT DIA. (IN.)		ANCHOR BOLT LENGTH (IN.)			
1.00		40.00			
ALLOWABLE WIND LOADING (SQ. FT.)					
WIND*	INDICATED EPA	80 MPH	90 MPH	100 MPH	120 MPH
EPA	-	10.6	8.6	6.9	4.9

*WITH 1.3 GUST FACTOR



3.00 X 5.00 HAND HOLE COVER



11.00 X 11.00 X 1.00 THK. BASE PLATE

SOME GEOGRAPHICAL AREAS HAVE SPECIAL WIND CONDITIONS THAT CAN CREATE WIND INDUCED VIBRATIONS CAUSING A FATIGUE PROBLEM. NO METHOD HAS YET BEEN FOUND FOR PREDICTING DESTRUCTIVE LIGHTING POLE VIBRATION. THESE CONDITIONS ARE UNIQUE AND CANNOT BE GUARANTEED AGAINST, AND ARE THE RESPONSIBILITY OF A LOCAL SITE ENGINEER.

TITLE:	
CATALOG:	
DWG NO	ALS-SSQS-30-5-7-AB
SIZE: C	SHEET 1 OF 1