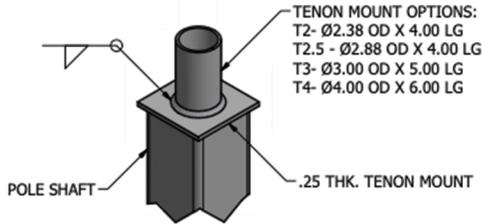


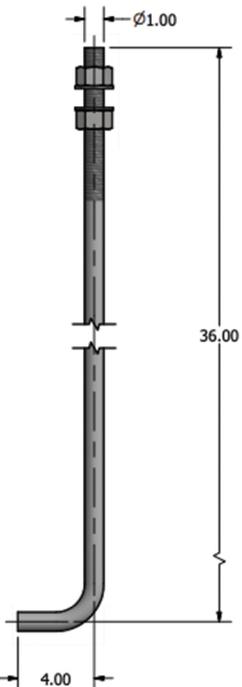
DRILL PER FIXTURE REQUIREMENTS:
 D1 - DRILLED FOR 1 FIXTURE
 D2 - DRILLED FOR 2 FIXTURES AT 90° OR 180°
 D3 - DRILLED FOR 3 FIXTURES
 D4 - DRILLED FOR 4 FIXTURES

DRILL MOUNT OPTIONS

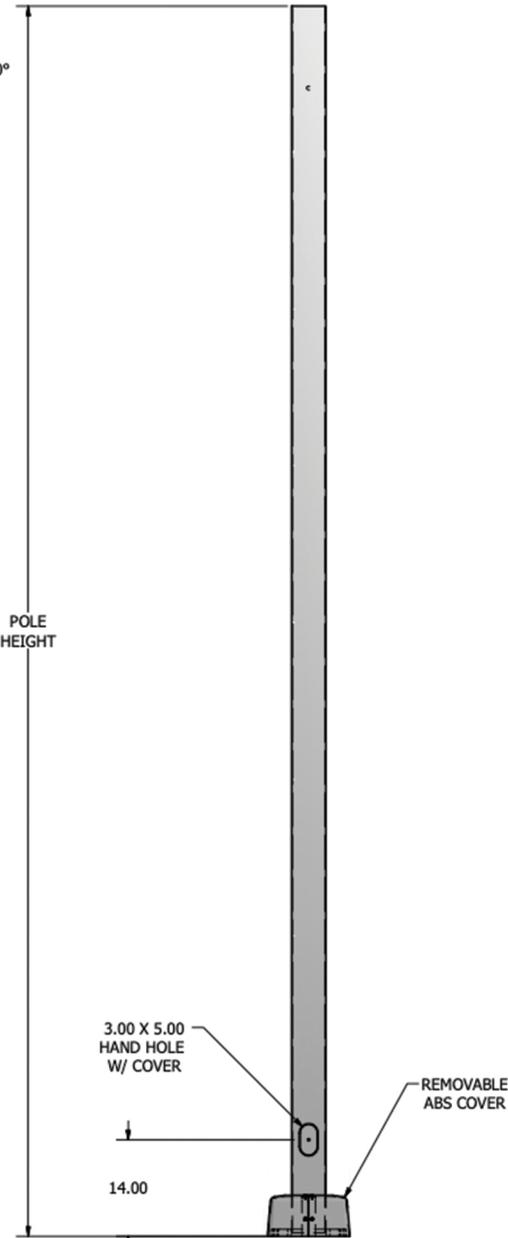


TENON MOUNT OPTIONS:
 T2- Ø2.38 OD X 4.00 LG
 T2.5 - Ø2.88 OD X 4.00 LG
 T3- Ø3.00 OD X 5.00 LG
 T4- Ø4.00 OD X 6.00 LG

TENON MOUNT OPTIONS



Ø1.00 X 40.00 ANCHOR BOLT



POLE DETAIL

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	-

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.)	MTG. HGT. (FT.)
20'	5.00	5.00	20'

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

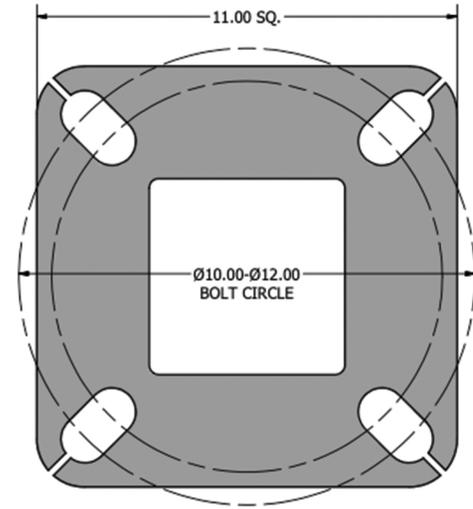
ANCHOR BOLT DIMENSIONS	
ANCHOR BOLT DIA. (IN.)	ANCHOR BOLT LENGTH (IN.)
1.00	40.00

ALLOWABLE WIND LOADING (SQ. FT.)					
WIND*	INDICATED EPA	80 MPH	90 MPH	100 MPH	120 MPH
EPA	-	26.4	21.3	17.2	12.1

*WITH 1.3 GUST FACTOR



3.00 X 5.00 HAND HOLE COVER



11.00 X 11.00 X 1.00 THK. BASE PLATE



DRAWN: L. GRUNIS	DATE: 5/21/2018
REVISION:	DATE:
QUOTE:	SO.#
APPROVAL SIGNATURE:	



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

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.	
WARNING: DO NOT INSTALL LIGHT POLE WITHOUT INTENDED LOADING.	
TITLE:	
CATALOG:	
DWG NO	ALS-SSQS-20-5-7-AB
SIZE:	C
SHEET 1 OF 1	