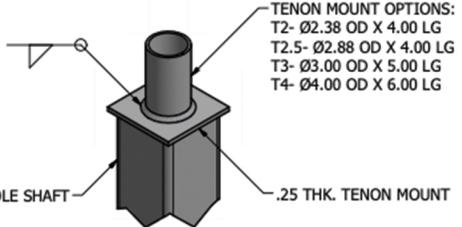


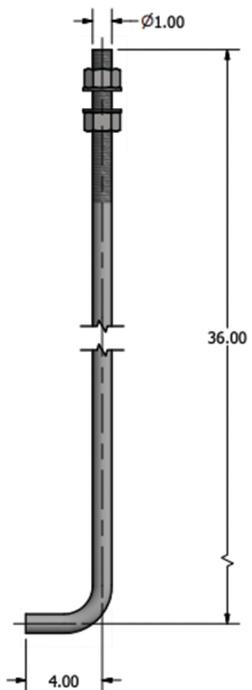
DRILL PER FIXTURE REQUIREMENTS:  
 D1 - DRILLED FOR 1 FIXTURE  
 D2 - DRILLED FOR 2 FIXTURES AT 90° OR 180°  
 D3 - DRILLED FOR 3 FIXTURES  
 D4 - DRILLED FOR 4 FIXTURES

**DRILL MOUNT OPTIONS**

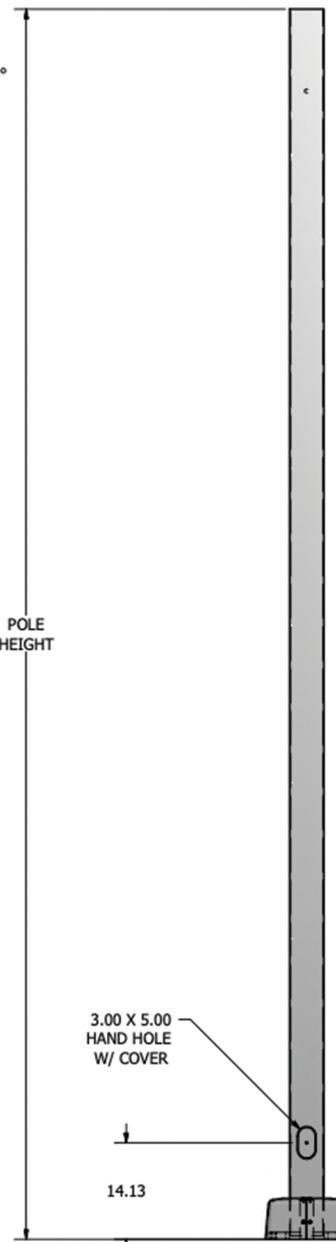


TENON MOUNT OPTIONS:  
 T2- Ø2.38 OD X 4.00 LG  
 T2.5- Ø2.88 OD X 4.00 LG  
 T3- Ø3.00 OD X 5.00 LG  
 T4- Ø4.00 OD X 6.00 LG

**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	-

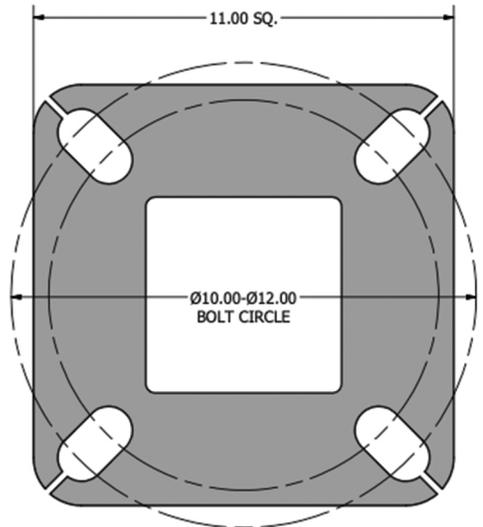
  

FINISH SPECIFICATIONS					
POLES SHALL HAVE A POLYESTER POWDER COAT FINISH IN A STANDARD COLOR.					
POLE DIMENSIONS					
POLE HGT (FT.)	TOP SQ. SIZE (IN.)	BOT. SQ. SIZE (IN.)	MTG. HGT. (FT.)		
35'	5.00	5.00	35'		
GAGE 7 GAGE					
BASE PLATE DIMENSIONS					
BOLT CIRCLE (IN.)	BASE PLATE DIM. (IN.)	BOLT 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	-	6.1	4.9	4.0	2.8

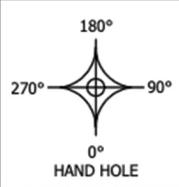
\*WITH 1.3 GUST FACTOR



**3.00 X 5.00 HAND HOLE COVER**



**11.00 X 11.00 X 1.00 THK. BASE PLATE**



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



15841 Old US Highway  
 441 Tavares, FL 32778  
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 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.	
TITLE:	
CATALOG:	
DWG NC	ALS-SSQS-35-5-7-AB
SIZE: C	SHEET 1 OF 1