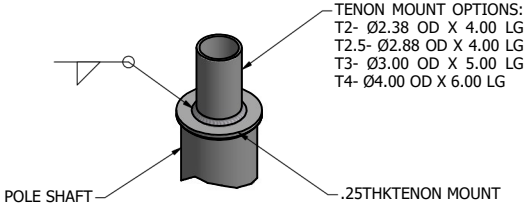
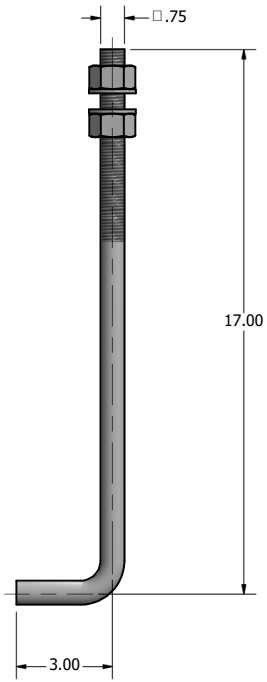


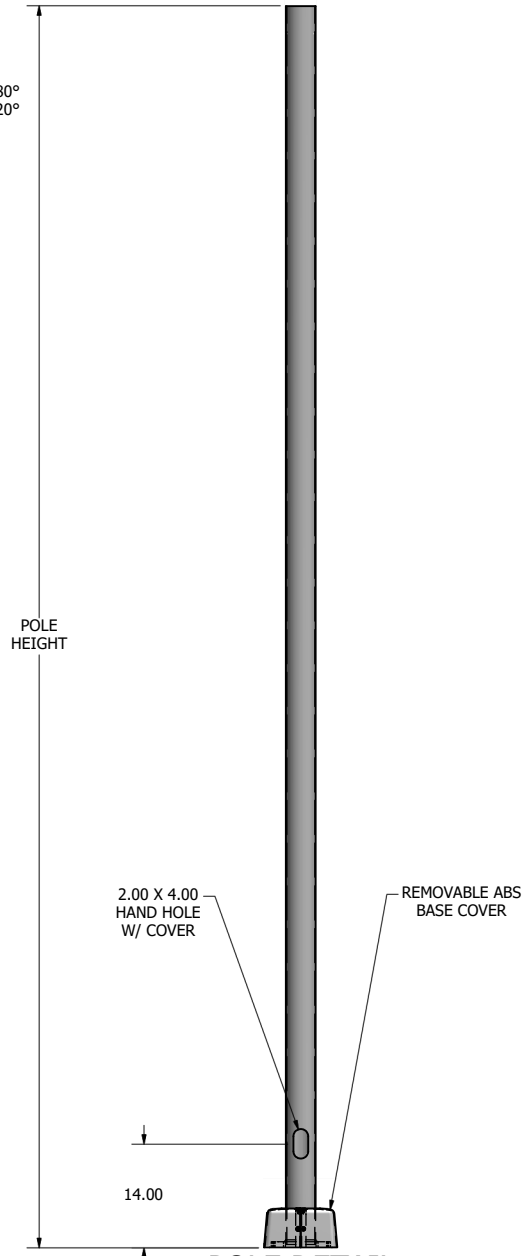
DRILLED MOUNT OPTIONS



TENON MOUNT OPTIONS



Ø.75 X 20.00 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.

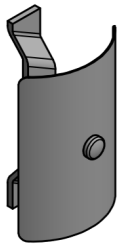
POLE DIMENSIONS				
POLE HGT (FT.)	TOP DIA. (IN.)	BOTTOM DIA. (IN.)	GAGE	MTG. HGT. (FT.)
20'	4.00	4.00	11 GAGE	20'

BASE PLATE DIMENSIONS			
BOLT CIRCLE (IN.)	BASE PLATE DIM. (IN.)	BOLT HOLE (IN.)	PLATE THK. (IN.)
8.00-9.00	8.00 SQ	1.00	.75

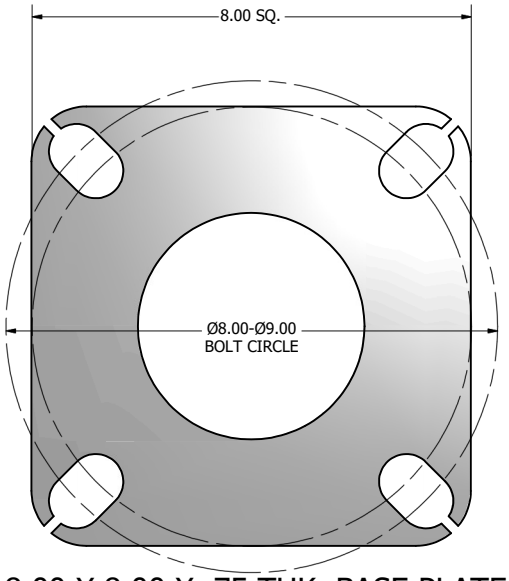
ANCHOR BOLT DIMENSIONS	
ANCHOR BOLT DIA. (IN.)	ANCHOR BOLT LENGTH (IN.)
.75	20.00

ALLOWABLE WIND LOADING (SQ. FT.)					
WIND*	INDICATED EPA	80 MPH	90 MPH	100 MPH	120 MPH
EPA	-	5.6	4.1	3.1	1.7

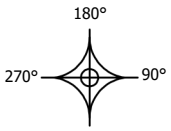
*WITH 1.3 GUST FACTOR



2.00 X 4.00 HAND HOLE COVER



8.00 X 8.00 X .75 THK. BASE PLATE



DRAWN: M. HARVALA 6/8/2015
C H ECKE D
REV ISI ON : D A TE:
AP PR OVE D:
QUOTE:
S.O.#
REF:
SCALE: NONE

AMERICAN LIGHTING SYSTEMS™
15841 Old US Highway
441 Tavares, FL 32778
(321) 203-4869
sales@americanlightingsystems.com
www.AmericanLightingSystems.com

SOMEGEOGRAPHICAL AREASHAVE SPECIAL WIND CONDITIONS THATCAN CREATEWIND INDUCED VIBRATIONSCAUSING A FATIGUE PROBLEM. NO METHOD HAS YET BEEN FOUNDFOR PREDICTING DESTRUCTIVE LIGHTING POLE VIBRATION. THESE CONDITIONS ARE UNIQUE AND CANNOT BE GUARANTEED AGAINST, AND ARE THE RESPONSIBILITY OF A LOCAL SITE ENGINEER.

TITLE:
C AT ALO G:
DWG NO: ALS-SRDS-20-4-11-AB
SIZE: C
SHEET 1 OF 1