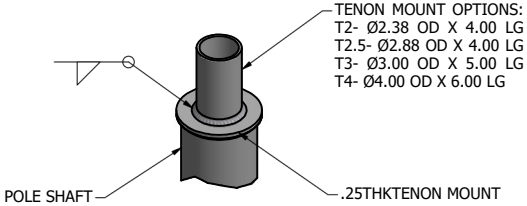
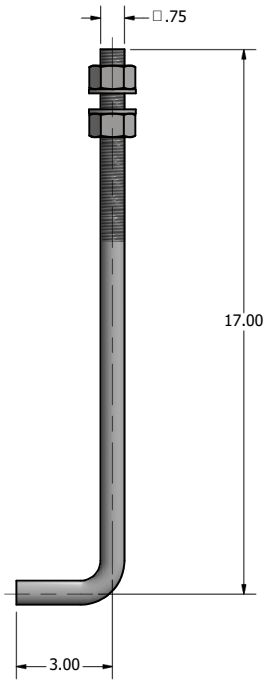


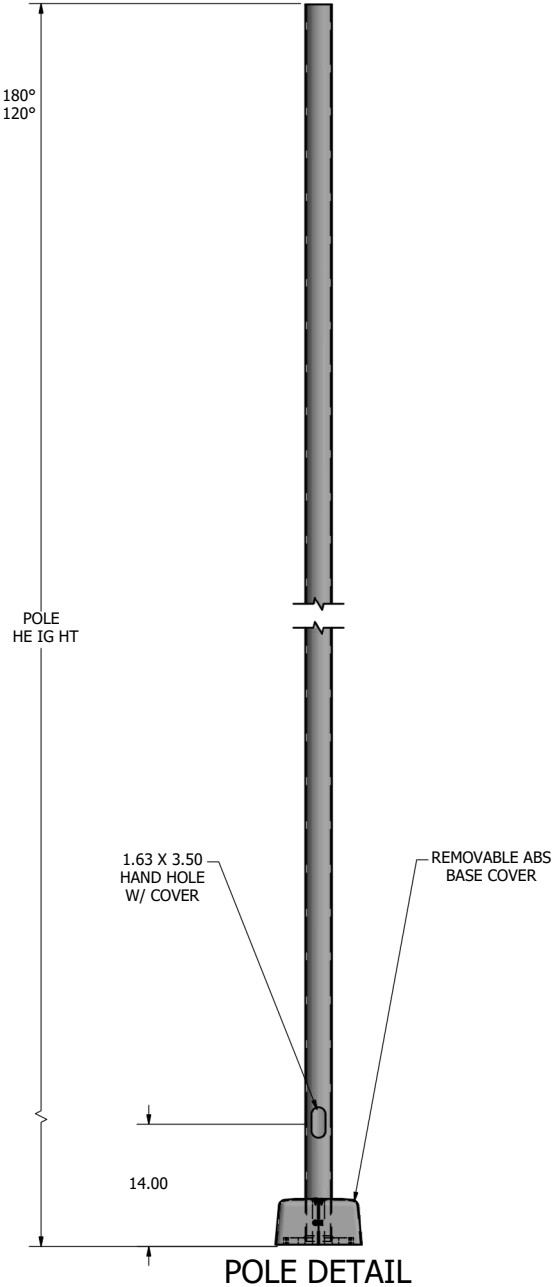

## DRILLED MOUNT OPTIONS




## 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.) |
|---|---|---|---|---|
| 12' | 3.00 | 3.00 | 11 GAGE | 12' |

**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 |

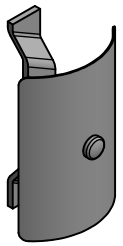
**ANCHOR BOLT DIMENSIONS**

| ANCHOR BOLT DIA. (IN.) | ANCHOR BOLT LENGTH (IN.) |
|---|---|
| .75 | 20.00 |

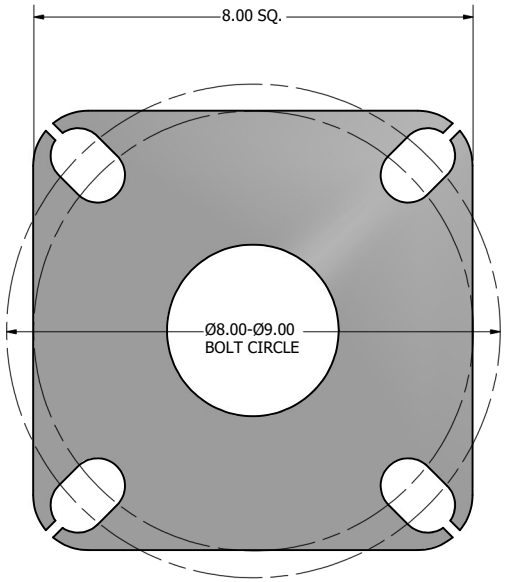
**ALLOWABLE WIND LOADING (SQ. FT.)**

| WIND* | INDICATED EPA | 80 MPH | 90 MPH | 100 MPH | 120 MPH |
|---|---|---|---|---|---|
| EPA | - | 6.9 | 5.0 | 3.9 | 2.1 |

*WITH 1.3 GUST FACTOR



## 1.63 X 3.50 HAND HOLE COVER




## 8.00 X 8.00 X .75 THK. BASE PLATE

180°
270° 90°
0°
HAND HOLE

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-12-3-11-AB
SIZE: C
SHEET 1 OF 1