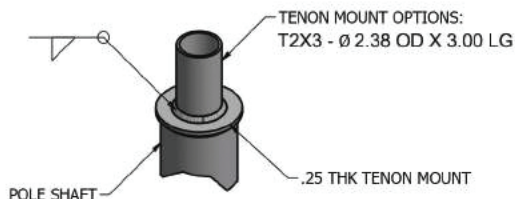


DRILLED PER FIXTURE REQUIREMENTS:  
D1- DRILLED FOR 1 FIXTURE  
D2- DRILLED FOR 2 FIXTURES AT 90° OR 180°  
D3- DRILLED FOR 3 FIXTURES AT 90° OR 120°  
D4- DRILLED FOR 4 FIXTURES

## DRILLED MOUNT OPTIONS



## TENON MOUNT OPTIONS



Ø.75 X 20.00 ANCHOR BOLT

144.00  
(12')

2.00 X 4.00  
HAND HOLE  
W/ COVER

14.00

## POLE DETAIL

| POLE SPECIFICATIONS  |                       |                          |                   |                  |         |
|--|-----------------------|--------------------------|-------------------|------------------|---------|
| NO.  | COMPONENT             |                          | MAT'L DESIGNATION |                  |         |
| 1.   | POLE SHAFT            |                          | 6063-T6           |                  |         |
| 2.   | BASE PLATE            |                          | A356-T6           |                  |         |
| 3.   | ANCHOR BOLTS          |                          | F1554 GR. 55      |                  |         |
| 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'  | 4.00                  | 4.00                     | 0.125             | 12'              |         |
| BASE PLATE DIMENSIONS  |                       |                          |                   |                  |         |
| BOLT CIRCLE (IN.)  | BASE PLATE DIM. (IN.) |                          | BOLT HOLE (IN.)   | PLATE THK. (IN.) |         |
| 7.00   | 9.00 DIA              |                          | 0.88              | .56              |         |
| ANCHOR BOLT DIMENSIONS   |                       |                          |                   |                  |         |
| ANCHOR BOLT DIA. (IN.)   |                       | ANCHOR BOLT LENGTH (IN.) |                   |                  |         |
| 0.75   |                       | 20.00                    |                   |                  |         |
| ALLOWABLE WIND LOADING (SQ. FT.)                                     |                       |                          |                   |                  |         |
| WIND*  | INDICATED EPA         | 80 MPH                   | 90 MPH            | 100 MPH          | 120 MPH |
| EPA  | -                     | 6.6                      | 5.0               | 3.7              | 2.3     |
| *WITH 1.3 GUST FACTOR  |                       |                          |                   |                  |         |

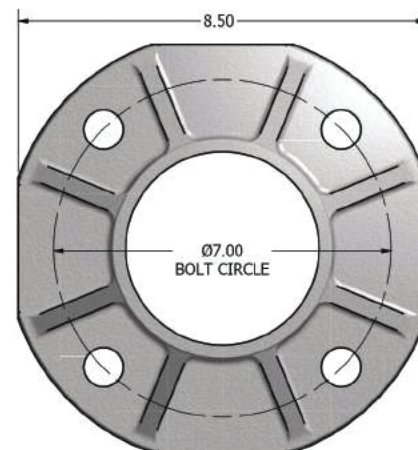
\*WITH 1.3 GUST FACTOR



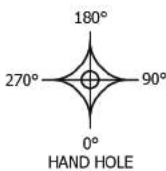
2.00 X 4.00 HAND HOLE COVER



SECTION A-A  
16 FLAT FLUTE CROSS SECTION



4 BOLT BASE CASTING



|           |             |
|-----------|-------------|
| DRAWN:    | 3/17/2016   |
| CHECKED   |             |
| REVISION: | DATE:       |
| APPROVED: |             |
| QUOTE:    |             |
| S.O.#     |             |
| REF:      | SCALE: NONE |



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:      | U-RFSA-4-12-1 |
| SIZE:        | C             |
| SHEET 1 OF 1 |               |