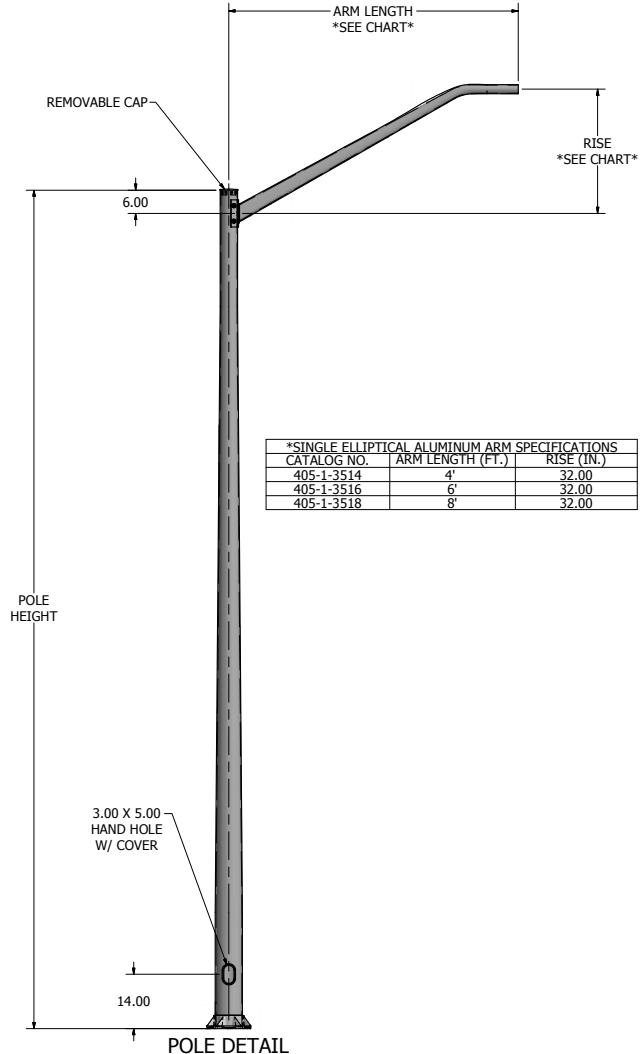
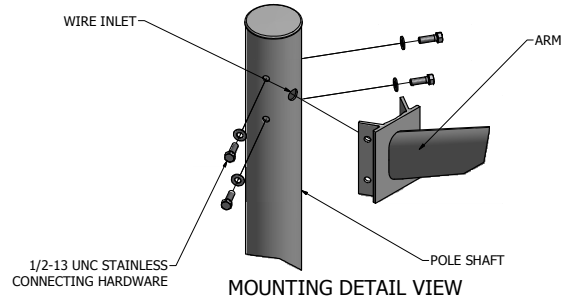
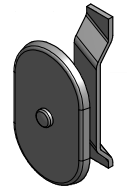


| POLE SHAFT SPECIFICATIONS                |                                                                                                                                                                                                                                      |                          |                  |                 |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------|-----------------|
| 1.                                       | SHAFTS ARE ONE SECTION DESIGN FABRICATED FROM 6063 T6 ALUMINUM EXTRUSION-SPUN TAPERED.                                                                                                                                               |                          |                  |                 |
| 2.                                       | BASE CASTING IS 356 T6 ALUMINUM. THE SHAFT TELESOPES INTO THE BASE CASTING AND IS CIRCUMFERENTIALLY WELDED TOP AND BOTTOM.                                                                                                           |                          |                  |                 |
| 3.                                       | ANCHOR BOLTS ARE 1" FORMED RODS HAVING A MINIMUM YIELD STRENGTH OF 55,000 P.S.I. FABRICATED FROM ASTM F1554 GR. 55 THEN PARTIALLY GALVANIZED PER ASTM A153 SPECIFICATIONS AND FURNISHED COMPLETE WITH 2 HEX NUTS AND 2 FLAT WASHERS. |                          |                  |                 |
| 4.                                       | 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.) |
| 33'                                      | 4.50                                                                                                                                                                                                                                 | 8.00                     | .188             | 35'             |
| BASE PLATE DIMENSIONS                    |                                                                                                                                                                                                                                      |                          |                  |                 |
| BOLT CIRCLE (IN.)                        | BASE PLATE DIM. (IN.)                                                                                                                                                                                                                | BOLT HOLE (IN.)          | PLATE THK. (IN.) |                 |
| 11.00-12.00                              | 12.00 SQ                                                                                                                                                                                                                             | 1.13                     | 1.00             |                 |
| ANCHOR BOLT DIMENSIONS                   |                                                                                                                                                                                                                                      |                          |                  |                 |
| ANCHOR BOLT DIA. (IN.)                   |                                                                                                                                                                                                                                      | ANCHOR BOLT LENGTH (IN.) |                  |                 |
| 1.00                                     |                                                                                                                                                                                                                                      | 40.00                    |                  |                 |
| ALLOWABLE WIND LOADING (SQ. FT.) PER ARM |                                                                                                                                                                                                                                      |                          |                  |                 |
| WIND*<br>EPA                             |                                                                                                                                                                                                                                      | 100 MPH<br>2.0           |                  |                 |

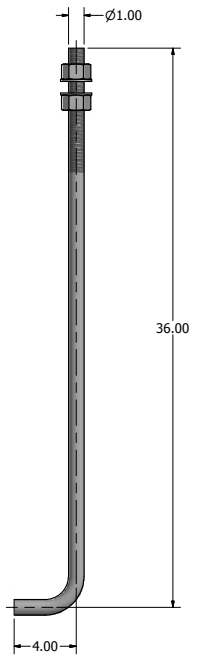
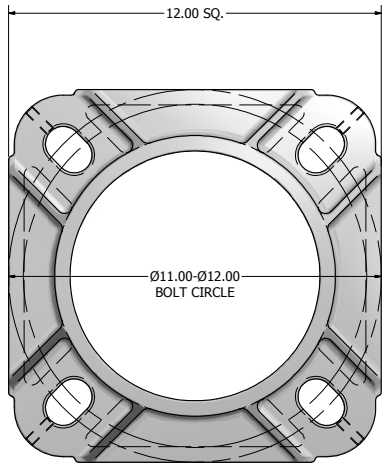
\*WITH 1.3 GUST FACTOR



| *SINGLE ELLIPTICAL ALUMINUM ARM SPECIFICATIONS |                  |            |
|------------------------------------------------|------------------|------------|
| CATALOG NO.                                    | ARM LENGTH (FT.) | RISE (IN.) |
| 405-1-3514                                     | 4'               | 32.00      |
| 405-1-3516                                     | 6'               | 32.00      |
| 405-1-3518                                     | 8'               | 32.00      |



3.00 X 5.00 HAND HOLE COVER



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|                   |             |                                                                                                                                                                                                                                                                                                                             |                     |
|-------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| DRAWN: M. HARVALA | 2/16/2015   | 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. |                     |
| CHECKED:          | DATE:       |                                                                                                                                                                                                                                                                                                                             |                     |
| REVISION:         | DATE:       |                                                                                                                                                                                                                                                                                                                             |                     |
| APPROVED:         |             |                                                                                                                                                                                                                                                                                                                             |                     |
| QUOTE:            |             |                                                                                                                                                                                                                                                                                                                             |                     |
| S.O.#             |             | TITLE:                                                                                                                                                                                                                                                                                                                      |                     |
| REF:              | SCALE: NONE | CATALOG:                                                                                                                                                                                                                                                                                                                    |                     |
|                   |             | DWG NO: 405-1-3514-405-1-3518                                                                                                                                                                                                                                                                                               | SIZE D SHEET 1 OF 1 |