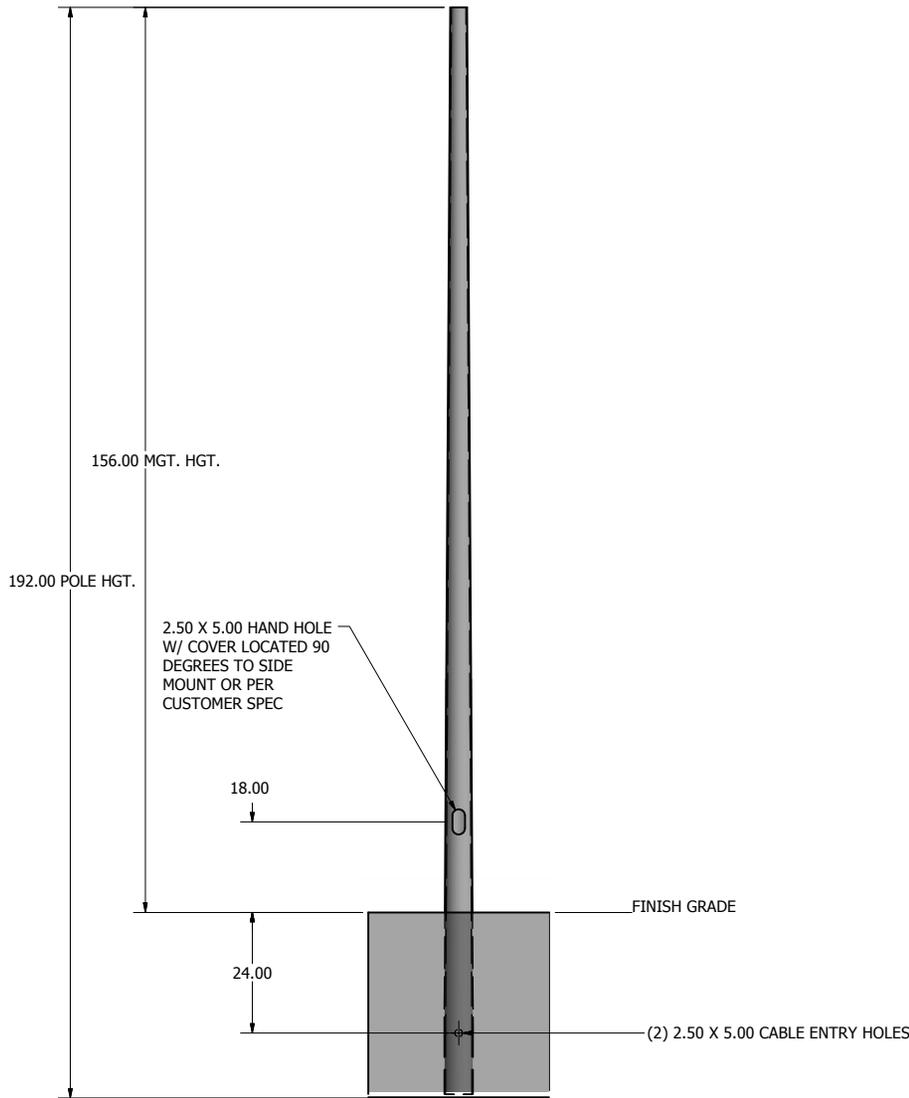
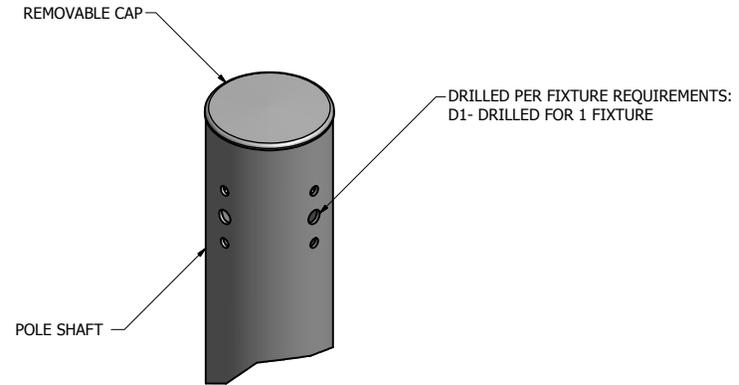


| POLE SHAFT SPECIFICATIONS | | | | | | |
|----------------------------------|--|----------------|---------|-----------------------|---------|-----------------|
| NO. | | | | | | |
| 1. | ROUND TAPERED POLE CONSTRUCTED OF THERMOSETTING RESIN REINFORCED WITH GLASS OR OTHER FIBERS OF SUCH QUANTITY AND ORIENTATION TO MEET OR EXCEED PERFORMANCE REQUIREMENT SET FORTH IN ANSI C136.20-2012. THE GLASS AND VEIL MATTING SHALL BY CENTRIFUGALLY SPUN WITH A REINFORCED RESIN MATRIX PER THE EXACT SPECIFICATIONS OF THE DESIGN. THE HAND HOLE AREA AND HARDWARE ATTACHMENT AREAS SHALL BE REINFORCED. | | | | | |
| 2. | POLES SHALL HAVE A HIGHLY WEATHER-RESISTANT SURFACE FINISH IN COMPLIANCE WITH ANSI C136.20-2012 | | | | | |
| POLE DIMENSIONS | | | | | | |
| POLE HGT. (FT.) | | TIP DIA. (IN.) | | GROUNDLINE DIA. (IN.) | | MTG. HGT. (FT.) |
| 16' | | 3.0 | | 5.6 | | 13' |
| ALLOWABLE WIND LOADING (SQ. FT.) | | | | | | |
| 90 MPH | 100 MPH | 110 MPH | 120 MPH | 130 MPH | 140 MPH | 150 MPH |
| 6.1 | 4.5 | 3.4 | 2.6 | 2.1 | 1.7 | 1.4 |

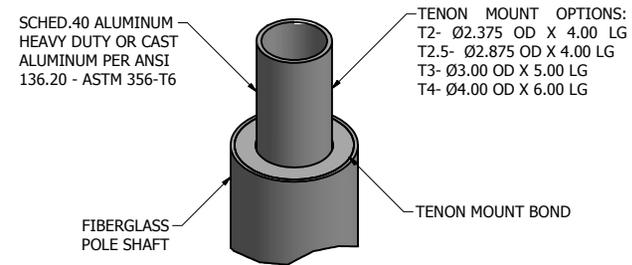
* WITH A 1.3 GUST FACTOR



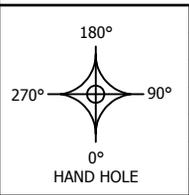
POLE DETAIL



DRILL MOUNT OPTIONS



TENON MOUNT OPTIONS



| | |
|------------------|-----------------|
| DRAWN: K. GUFFEY | 8/12/2021 |
| CHECKED: | |
| REVISION: 4 | DATE: 2/05/2024 |
| APPROVED: | |
| QUOTE: | |
| S.O.# | |
| REF: | SCALE: NONE |

UNITED LIGHTING STANDARDS

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| | | |
|---|---------|--------------|
| 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: RTF-1-EMB-16 | SIZE: C | SHEET 1 OF 1 |