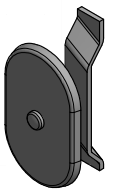


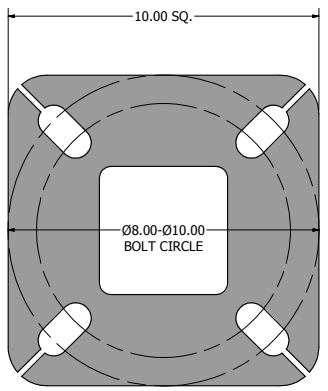
| POLE SHAFT SPECIFICATIONS        |  |                     |                  |                 |
|----------------------------------|--|---------------------|------------------|-----------------|
| 1.                               | SHAFTS ARE ONE SECTION DESIGN FABRICATED FROM A WELDABLE GRADE CARBON STEEL STRUCTURAL TUBING WITH A UNIFORM WALL THICKNESS. MATERIAL SHALL CONFORM TO ASTM A-500 GRADE B WITH A MINIMUM YIELD STRENGTH OF 46,000 P.S.I. |                     |                  |                 |
| 2.                               | BASE PLATES ARE CONSTRUCTED OF A STRUCTURAL QUALITY HOT ROLLED CARBON STEEL PLATE (ASTM A-36 HRS) WITH A GUARANTEED MINIMUM YIELD STRENGTH OF 36,000 P.S.I.  |                     |                  |                 |
| 3.                               | ANCHOR BOLTS (F1554 GRADE 5S) ARE "L" BENT BARS HAVING A MINIMUM YIELD STRENGTH OF 55,000 P.S.I. THE BOLTS ARE FULLY 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 SQ. SIZE (IN.)   | BOT. SQ. SIZE (IN.) | GAGE             | MTG. HGT. (FT.) |
| 30'                              | 4.00   | 4.00                | 7 & 11 GA.       | 30'             |
| BASE PLATE DIMENSIONS            |  |                     |                  |                 |
| BOLT CIRCLE (IN.)                | BASE PLATE DIM. (IN.)  | BOLT HOLE (IN.)     | PLATE THK. (IN.) |                 |
| 8.00-10.00                       | 10.00 SQ   | 1.00                | .75              |                 |
| ANCHOR BOLT DIMENSIONS           |  |                     |                  |                 |
| ANCHOR BOLT DIA. (IN.)           | ANCHOR BOLT LENGTH (IN.)   |                     |                  |                 |
| .75                              | 28.00  |                     |                  |                 |
| ALLOWABLE WIND LOADING (SQ. FT.) |  |                     |                  |                 |
| WIND*<br>EPA                     | 80 MPH   | 90 MPH              | 100 MPH          | 120 MPH         |
|                                  | 4.5  | 3.5                 | 2.9              | 1.9             |

\*WITH 1.3 GUST FACTOR

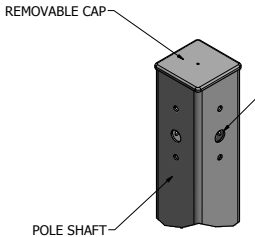
| POLE SHAFT DIMENSIONS |              |              |
|-----------------------|--------------|--------------|
| SHAFT                 | LENGTH (FT.) | LENGTH (IN.) |
| POLE HGT.             | 30'          | 360.00       |
| BOTTOM SHAFT          | 15'          | 180.00       |
| TOP SHAFT             | 15'          | 180.00       |



3.00 X 5.00 HAND HOLE COVER

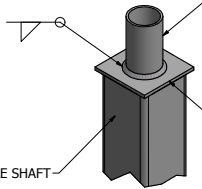


10.00 X 10.00 X .75 THK. BASE PLATE



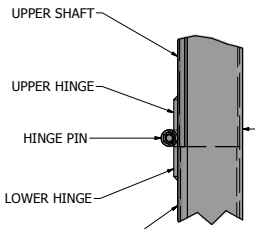
REMOVABLE CAP

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

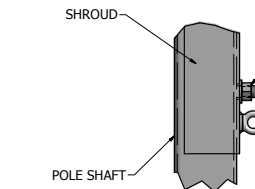


TENON MOUNT OPTIONS

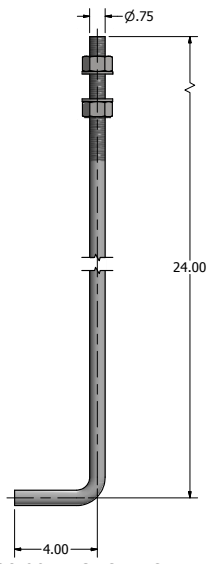
TENON MOUNT OPTIONS:  
 T2- Ø2.38 OD X 4.00 LG  
 T3- Ø3.00 OD X 5.00 LG  
 T4- Ø4.00 OD X 6.00 LG



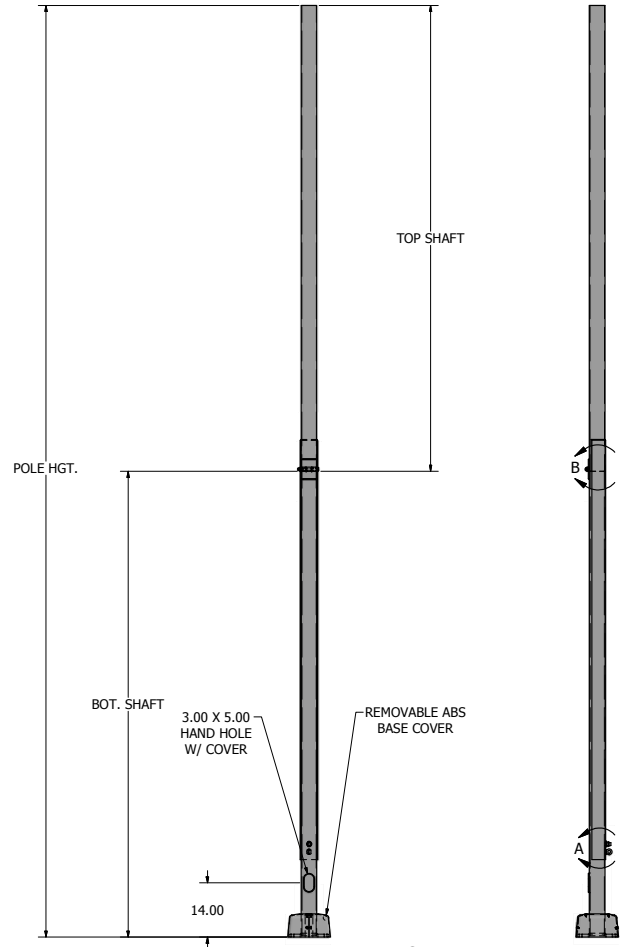
DETAIL B  
HINGE DETAIL VIEW



DETAIL A  
LOCKING DEVICE DETAIL VIEW



Ø.75 X 28.00 ANCHOR BOLT

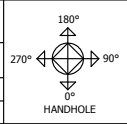


POLE DETAIL

lyte poles  
 P.O. Box 340  
 Eastpointe, MI 48021  
 P: (586) 771-4610 | F: (586) 771-5527  
 www.lytepoles.com

|                   |             |
|-------------------|-------------|
| DRAWN: M. HARVALA | 2/13/2015   |
| 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: 501-4007-30   | SIZE D SHEET 1 OF 1 |



HANDHOLE

## example order number

| Fixture |         |        | Catalog Number |            |                | Mounting Type | Fixture Mounting Arrangement | Finish | Options         |        |             | Accessories      |        |             |                  |
|---------|---------|--------|----------------|------------|----------------|---------------|------------------------------|--------|-----------------|--------|-------------|------------------|--------|-------------|------------------|
| Brand   | Product | Number | Design         | Shaft Size | Wall Thickness |               |                              |        | Mounting Height | Design | Orientation | Height From Base | Design | Orientation | Height From Base |
|         |         |        | 101            | 40         | 11             | 20            | AB                           | T2     | DB              | WB-15  | @90         | 10'              | FH     | @180        | 9'               |

## build your order number

| Fixture |         |        | Catalog Number |            |                | Mounting Type | Fixture Mounting Arrangement | Finish | Options         |        |             | Accessories      |        |             |                  |
|---------|---------|--------|----------------|------------|----------------|---------------|------------------------------|--------|-----------------|--------|-------------|------------------|--------|-------------|------------------|
| Brand   | Product | Number | Design         | Shaft Size | Wall Thickness |               |                              |        | Mounting Height | Design | Orientation | Height From Base | Design | Orientation | Height From Base |
|         |         |        |                |            |                |               |                              |        |                 |        |             |                  |        |             |                  |
|         |         |        |                |            |                |               |                              |        |                 |        |             |                  |        |             |                  |

### mounting type

AB = Anchor Base  
EMB = Embedded (Direct Burial)

### fixture mounting arrangement

|         |      |
|---------|------|
| D1      | D4   |
| D2@90   | T2   |
| D2@180  | T2.5 |
| D3@90   | T3   |
| D3@120* | T4   |

### finish

WH = White  
TWH = Textured White  
DB = Dark Bronze  
TMB = Textured Medium Bronze  
HB = Harvest Bronze  
NB = New Bronze  
SL = Silver  
MGY = Medium Gray  
GR = Gray  
TGR = Textured Gray  
GM = Graphite Metallic  
DP = Dark Platinum  
MA = Matte Aluminum  
PSP = Platinum Silver  
BK = Black  
TBK = Textured Black  
MG = Moss Green

### options

CMB = Camera Mounting Bracket  
CMP = Camera Mounting Plate  
WB-15 = Mounting Bracket  
WC = Welded Coupling (denote size)  
WN = Welded Nipple (denote size)  
Festoon = Festoon Provision  
CSBC = Custom Steel Base Cover  
VD = Vibration Dampener  
GFCI/IUC = Ground Fault Circuit Interrupter with In-Use Cover  
UL = UL Listed

Note: N/A = Not Applicable

### accessories

TB = Transformer Base\*  
ABS-BC = ABS Base Cover\*  
LW = Lowering Winch  
LW-ELECTRIC = Electric Lowering Winch  
BA = Banner Arm  
FH = Flag Holder  
PTTA = Pole Top Tenon Adapter\*

\*Round poles only

Refer to the Mounting Orientation Guide on the next page of this file.

Contact us for custom colors.

\*See our online product catalog for complete catalog numbers of these options and accessories.

\*\* UL Listed labeling is available for catalog steel and aluminum poles—both Commercial & Industrial and Roadway. UL Listed labeling is not available for brackets. UL Listing must be specified at the time of order.