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.

POLE DETAIL

POLE HEIGHT (FT.)

3.00 X 5.00 HAND HOLE W/ COVER AT 90° TO HINGE

POLE SHAFT

DRILLED MOUNT OPTIONS

- 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

POLE SHAFT

TENON MOUNT OPTIONS

- .25 THK. TENON MOUNT

POLE SHAFT

POLE SPECIFICATIONS

<table>
<thead>
<tr>
<th>NO.</th>
<th>COMPONENT</th>
<th>MATT DESIGNATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>POLE SHAFT</td>
<td>6063-T6</td>
</tr>
<tr>
<td>2.</td>
<td>BASE PLATE</td>
<td>A356-T6</td>
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<td>3.</td>
<td>ANCHOR BOLTS</td>
<td>F1554 GR. 55</td>
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<td>4.</td>
<td>GALVANIZED HARDWARE</td>
<td>A153</td>
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</tbody>
</table>

FINISH SPECIFICATIONS

POLES SHALL HAVE A POLYESTER POWDER COAT FINISH IN A STANDARD COLOR.

POLE DIMENSIONS

- POLE HT (FT.)
  - TOP DIA. (IN.)
  - BOTTOM DIA. (IN.)
  - GAGE
  - MTC. HGT. (FT.)
- BASE PLATE DIMENSIONS
  - BOLT CIRCLE (IN.)
  - BASE PLATE DMT. (IN.)
  - BOLT HOLE (IN.)
  - PLATE THK. (IN.)
- ANCHOR BOLT DIMENSIONS
  - ANCHOR BOLT DIA. (IN.)
  - ANCHOR BOLT LENGTH (IN.)

ALLOWABLE WIND LOADING (SQ. FT.)

- WIND*
  - 80 MPH
  - 90 MPH
  - 100 MPH
  - 120 MPH

*WITH 1.3 GUST FACTOR

POLE HEIGHT (FT.)

POLE SHAFT

Ø.75 X 20.00 ANCHOR BOLT

10.75 X 10.75 X 3.50 THK. BASE CASTING

BASE ROTATION DETAIL VIEW

POLE SHAFT

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 AT 90° OR 120°
- D4- DRILLED FOR 4 FIXTURES

POLE SHAFT

TENON MOUNT OPTIONS

- Ø2.38 OD X 4.00 LG
- Ø3.00 OD X 5.00 LG
- Ø4.00 OD X 6.00 LG

POLE SHAFT

TENON MOUNT OPTIONS

- Ø.75 X 20.00 ANCHOR BOLT

BASE PLATE DIMENSIONS

- BOLT CIRCLE
- BASE PLATE THK. (IN.)
- PLATE THK. (IN.)

ANCHOR BOLT DIMENSIONS

- ANCHOR BOLT DIA. (IN.)
- ANCHOR BOLT LENGTH (IN.)