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

DRILLED MOUNT OPTIONS

- 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**

- .25 THK. TENON MOUNT

**BASE PLATE DIMENSIONS**

- BOLT CIRCLE (IN.): 10.75 SQ.
- BASE PLATE DIM. (IN.): 10.75 X 10.75 X 3.50 THK.
- BOLT HOLE (IN.): .81
- PLATE THK. (IN.): .75

**ANCHOR BOLT DIMENSIONS**

- ANCHOR BOLT DIA. (IN.): .75
- ANCHOR BOLT LENGTH (IN.): 20.00

**ALLOWABLE WIND LOADING (SQ. FT.)**

- 80 MPH: 10.9
- 90 MPH: 8.4
- 100 MPH: 6.1
- 120 MPH: 4.4

*WITH 1.3 GUST FACTOR

**POLE HGT (FT.):**

- 12' 5.00
- 14.00

**TOP DIA. (IN.):**

- 5.00
- 3.00

**BOTTOM DIA. (IN.):**

- 5.00
- 3.00

**GAGE:**

- .125
- .75

**MTG. HGT. (FT.):**

- 12'
- 17.00

**POLE DETAILS**

- Ø.75 X 20.00 ANCHOR BOLT

**POLE SPECIFICATIONS**

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.