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

- 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

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

POLE SHAFT

REMOVABLE CAP

POLE HEIGHT (FT.)

2.00 X 4.00 HAND HOLE W/Cover at 90° TO HINGE

POLE DETAIL

Ø.75 X 20.00 ANCHOR BOLT

BASE ROTATION DETAIL VIEW

10.75 X 10.75 X 3.50 THK. BASE CASTING

POLE SHAFT

.25 THK. TENON MOUNT

POLE SHAFT

- .25 THK. TENON MOUNT

ANCHOR BOLT DIMENSIONS

ANCHOR BOLT DIA. (IN.)

.75

ANCHOR BOLT LENGTH (IN.)

20.00

ALLOWABLE WIND LOADING (SQ. FT.)

WIND*

80 MPH

90 MPH

100 MPH

120 MPH

EPA

11.1

8.7

6.7

4.7

*WITH 1.3 GUST FACTOR