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 11.28 X 11.28 X 3.38 THK. BASE CASTING

- DRILLED MOUNTING 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

- 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:
  - .25 THK.

- TENON MOUNT:
  - Ø1.00 X 40.00 ANCHOR BOLT

- HAND HOLE COVER:
  - 3.00 X 5.00 HAND HOLE COVER

- BASE CASTING:
  - Ø10.00-Ø11.00 BOLT CIRCLE
  - 12.28 X 11.28 X 3.38 THK.

- ANCHOR BOLTS:
  - 1.00 40.00

- ALLOWABLE WIND LOADING (SQ. FT.)
  - 80 MPH: 10.3
  - 90 MPH: 7.6
  - 100 MPH: 5.9
  - 120 MPH: 3.7

- WITH 1.3 GUST FACTOR

- POLE SPECIFICATIONS:
  - NO.
  - COMPONENT
  - 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.

- Pole cut to 22ft height.