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

Ø.75 X 20.00 ANCHOR BOLT

Ø.75 X 20.00 ANCHOR BOLT

10.75 X 10.75 X 3.50 THK. BASE CASTING

DRILLED MOUNT OPTIONS

TENON 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 HEIGHT (FT.)

2.00 X 4.00 HAND HOLE W/Covers AT 90° TO HINGE

POLE SHAFT

REMOVABLE CAP

POLE SHAFT

.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

 allowances for wind loading are based on knowing the maximum wind speed to be expected at the site. the poles are designed for a gust factor of 1.3. the manufacturer recommends a 10.75 sq x 3.50 thk. base casting for use with the poles. when the wind loading is to be applied, the wind loading should be multiplied by 1.3. the manufacturer suggests that when structural steel or other non-galvanized materials are used in contact with the base plate, a corrosion resistant coating must be applied.