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

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 HGT (FT.)

TOP DIA. (IN.)

BOTTOM DIA. (IN.)

MTG. HGT. (FT.)

16' 5.00 5.00 .188 16'

BOLT CIRCLE (IN.)

7.50-7.50

BOLT HOLE (IN.)

PLATE THK. (IN.)

.81 .75

ANCHOR BOLT LENGTH (IN.)

20.00

ALLOWABLE WIND LOADING (SQ. FT.)

EPA

80 MPH 90 MPH 100 MPH 120 MPH

11.6 8.8 6.5 4.4

*WITH 1.3 GUST FACTOR

Pole Height (FT.)

14.00

Hand Hole

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

ø.75 X 20.00 ANCHOR BOLT

10.75 X 10.75 X 3.50 THK. BASE CASTING