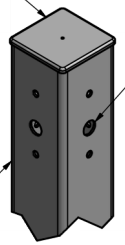
REMOVABLE CAP

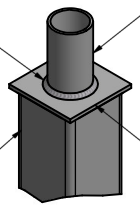


DRILLED PER FIXTURE REQUIREMENTS:
D1- DRILLED FOR 1 FIXTURE
D2- DRILLED FOR 2 FIXTURES AT 90° OR 180°
D3- DRILLED FOR 3 FIXTURES
D4- DRILLED FOR 4 FIXTURES

POLE SHAFT

DRILL MOUNT OPTIONS

TENON MOUNT OPTIONS:
T2- Ø2.38 OD X 4.00 LG
T2.5- Ø2.88 OD X 4.00 LG
T3- Ø3.00 OD X 5.00 LG
T4- Ø4.00 OD X 6.00 LG



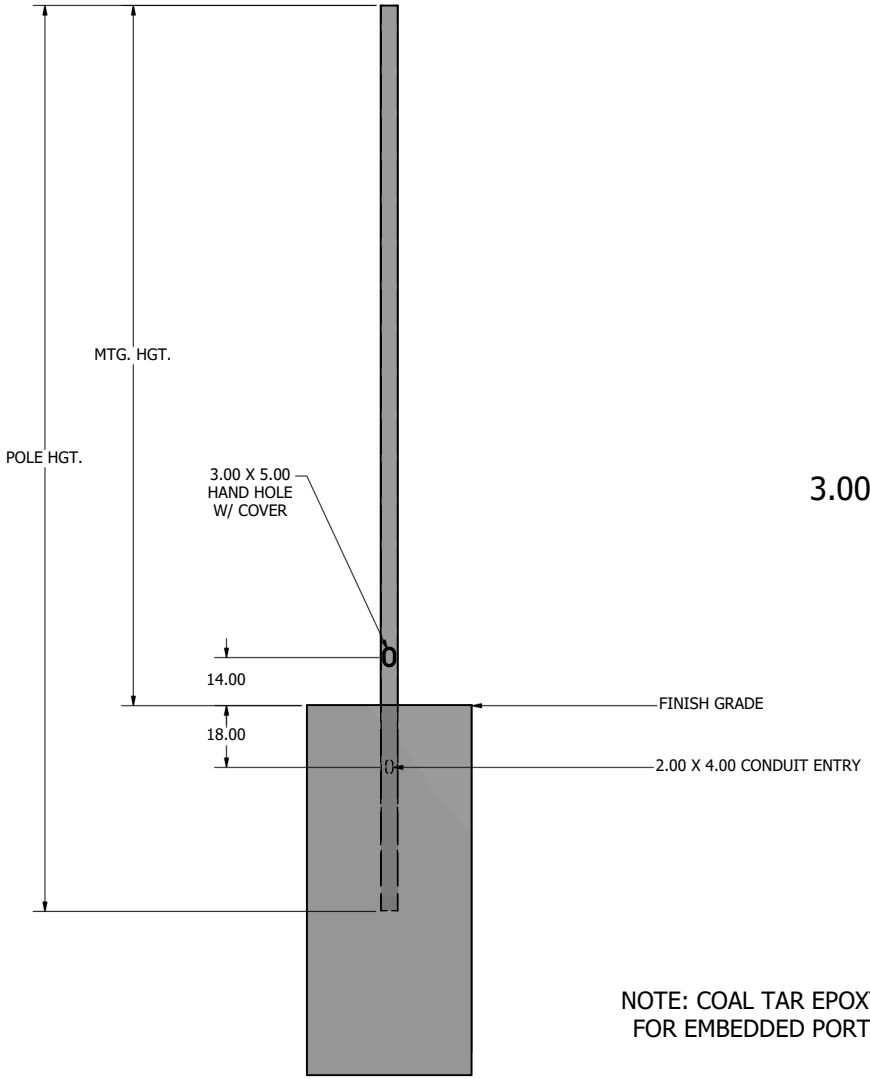
POLE SHAFT

.25THK. TENON MOUNT

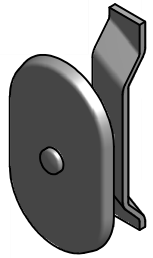
TENON MOUNT OPTIONS

POLE SPECIFICATIONS					
NO.	COMPONENT		ASTM DESIGNATION		MIN. YIELD (P.S.I)
1.	POLE SHAFT		A-500 GR. B		46,000
FINISH SPECIFICATIONS					
POLES SHALL HAVE A POLYESTER POWDER COAT FINISH IN A STANDARD COLOR.					
POLE DIMENSIONS					
POLE HGT (FT.)	TOP SQ. SIZE (IN.)		BOT. SQ. SIZE (IN.)	GAGE	MTG. HGT. (FT.)
30'	5.00		5.00	7 GAGE	25'
ALLOWABLE WIND LOADING (SQ. FT.)					
WIND*	INDICATED EPA	80 MPH	90 MPH	100 MPH	120 MPH
EPA	-	17.5	14.2	11.4	8.1

*WITH 1.3 GUST FACTOR



POLE DETAIL



3.00 X 5.00 HAND HOLE COVER

NOTE: COAL TAR EPOXY COATING AVAILABLE AS AN OPTION FOR EMBEDDED PORTION PLUS 6 IN. OF THE POLE SHAFT.

180°
270° 90°
0°
HAND HOLE

DRAWN: M. HARVALA 6/8/2015
C H ECKE D
REV ISI ON : D A TE:
AP PR OVE D:
QUOTE:
S.O.#
REF:
SCALE: NONE

AMERICAN LIGHTING SYSTEMS™
15841 Old US Highway
441 Tavares, FL 32778
(321) 203-4869
sales@americanlightingsystem.com
www.AmericanLightingSystem.com

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.

TITLE:
C AT ALO G:
DWG NO: ALS-SSQS-25-5-7-DB
SIZE: C
SHEET 1 OF 1