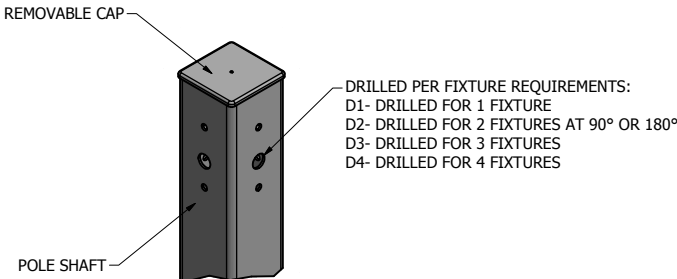


TENON MOUNT OPTIONS



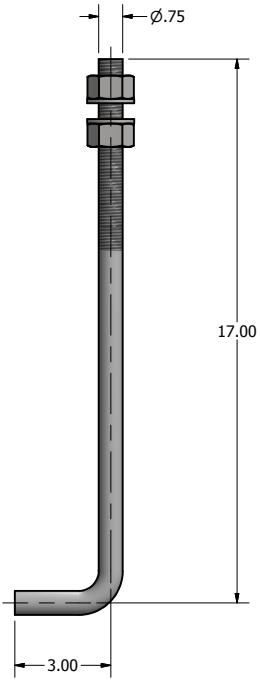
DRILLED MOUNT OPTIONS

POLE HGT.
(FT.)

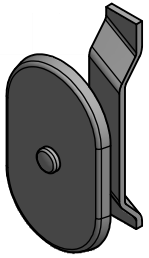
3.00 X 5.00
HAND HOLE
W/ COVER

14.00

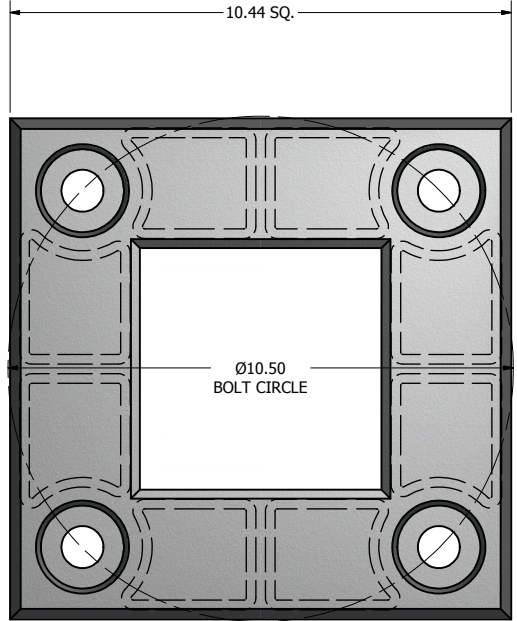
POLE DETAIL



Ø.75 X 20.00 ANCHOR BOLT



3.00 X 5.00 HAND HOLE COVER



10.44 X 10.44 X 2.50 THK BASE CASTING

POLE SPECIFICATIONS				
NO.	COMPONENT		MAT'L DESIGNATION	
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 DIMENSIONS				
POLE HGT (FT.)	TOP SQ. SIZE (IN.)	BOT. SQ. SIZE (IN.)	GAGE	MTG. HGT. (FT.)
18'	5.00	5.00	.188	18'
BASE PLATE DIMENSIONS				
BOLT CIRCLE (IN.)	BASE PLATE DIM. (IN.)	BOLT HOLE (IN.)	PLATE THK. (IN.)	
10.50	10.44 SQ	.88	.75	
ANCHOR BOLT DIMENSIONS				
ANCHOR BOLT DIA. (IN.)		ANCHOR BOLT LENGTH (IN.)		
.75		20.00		
ALLOWABLE WIND LOADING (SQ. FT.)				
WIND*	80 MPH	90 MPH	100 MPH	120 MPH
EPA	12.6	9.6	7.1	2.9

*WITH 1.3 GUST FACTOR

SOME GEOGRAPHICAL AREAS HAVE SPECIAL WIND CONDITIONS THAT CAN CREATE WIND INDUCED VIBRATIONS CAUSING A FATIGUE PROBLEM. NO METHOD HAS YET BEEN FOUND FOR PREVENTING THIS TYPE OF PROBLEM. THEREFORE, THE CONTRACTOR MUST BE AWARE THAT THE DESIGNER CANNOT BE GUARANTEED AGAINST, AND ARE THE RESPONSIBILITY OF A LOCAL SITE ENGINEER.

TITLE:

CATALOG:

DWG NO:

SIZE:

C

SHEET 1 OF 1

15841 Old US Highway 441
Tavares, Florida 32778
(321) 203-4869
sales@americanlightingsystems.com
AmericanLightingSystems.com



DRAWN: M. HARVALA	DATE: 2/18/2015
CHECKED:	DATE:
REVISION:	APPROVED:
QUOTE:	S.O.#
REF:	SCALE: NONE

