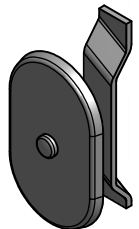


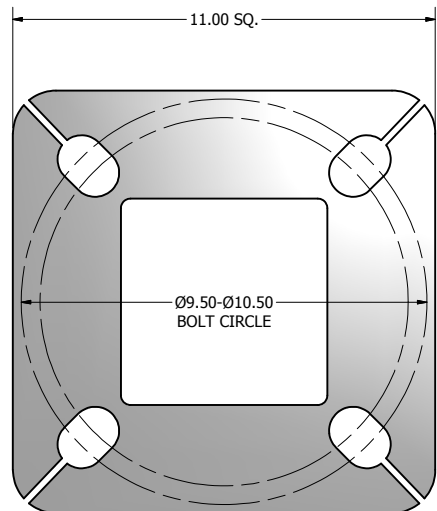
POLE SHAFT SPECIFICATIONS				
1.	SHAFTS ARE FABRICATED FROM A WELDABLE GRADE, HOT ROLLED COMMERCIAL QUALITY CARBON STEEL (ASTM A595 GR. A) WITH A GUARANTEED MINIMUM YIELD STRENGTH OF 55,000 PSI AFTER FABRICATION. IT IS A ONE PIECE CONSTRUCTION WITH A FULL LENGTH, LOGITUDINAL WELD. THE POLE TAPERS AT A RATE OF 0.10" INCHES PER FOOT.			
2.	BASE PLATES ARE FABRICATED FROM STRUCTURAL QUALITY HOT ROLLED CARBON STEEL PLATE (ASTM A36), HAVING A GUARANTEED MINIMUM YIELD STRENGTH OF 36,000 PSI. THE BASE PLATE TELESCOPES THE POLE SHAFT AND IS CIRCUMFERENTIALLY WELDED TOP AND BOTTOM.			
3.	ANCHOR BOLTS ARE FABRICATED FROM STRUCTURAL QUALITY HOT ROLLED CARBON STEEL BAR (ASTM F1554 FR. 55), HAVING A MINIMUM YIELD STRENGTH OF 55,000 PSI. BOLTS HAVE AN "L" BEND ON THE END. THE BOLTS ARE PARTIALLY GALVANIZED PER ASTM A153 SPECIFICATIONS. ANCHOR BOLTS ARE SUPPLIED WITH TWO NUTS AND TWO WASHERS ATTACHED.			
4.	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.)
20'	3.25	5.25	11 GA.	20'
BASE PLATE DIMENSIONS				
BOLT CIRCLE (IN.)	BASE PLATE DIM. (IN.)	BOLT HOLE (IN.)	PLATE THK. (IN.)	
9.50-10.50	11.00 SQ.	1.25	1.00	
ANCHOR BOLT DIMENSIONS				
ANCHOR BOLT DIA. (IN.)	ANCHOR BOLT LENGTH (IN.)			
1.00	40.00			
ALLOWABLE WIND LOADING (SQ. FT.)				
WIND*	80 MPH	90 MPH	100 MPH	120 MPH
EPA	14.4	11.6	9.4	6.6

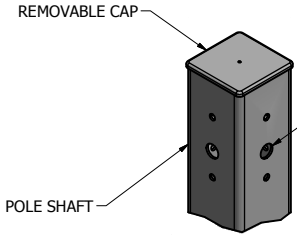
*WITH 1.3 GUST FACTOR



3.00 X 5.00 HAND HOLE COVER

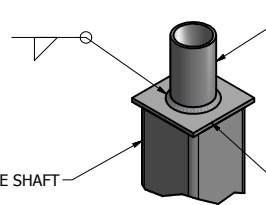


11.00 X 11.00 X 1.00 THK. BASE PLATE



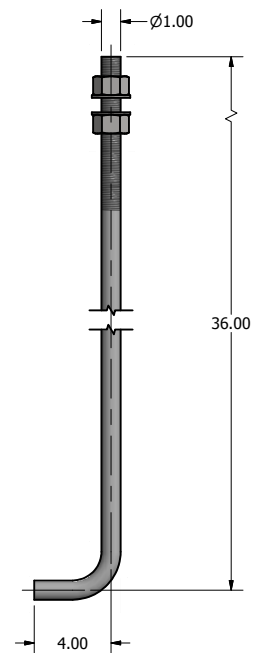
DRILLED MOUNT STYLES

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

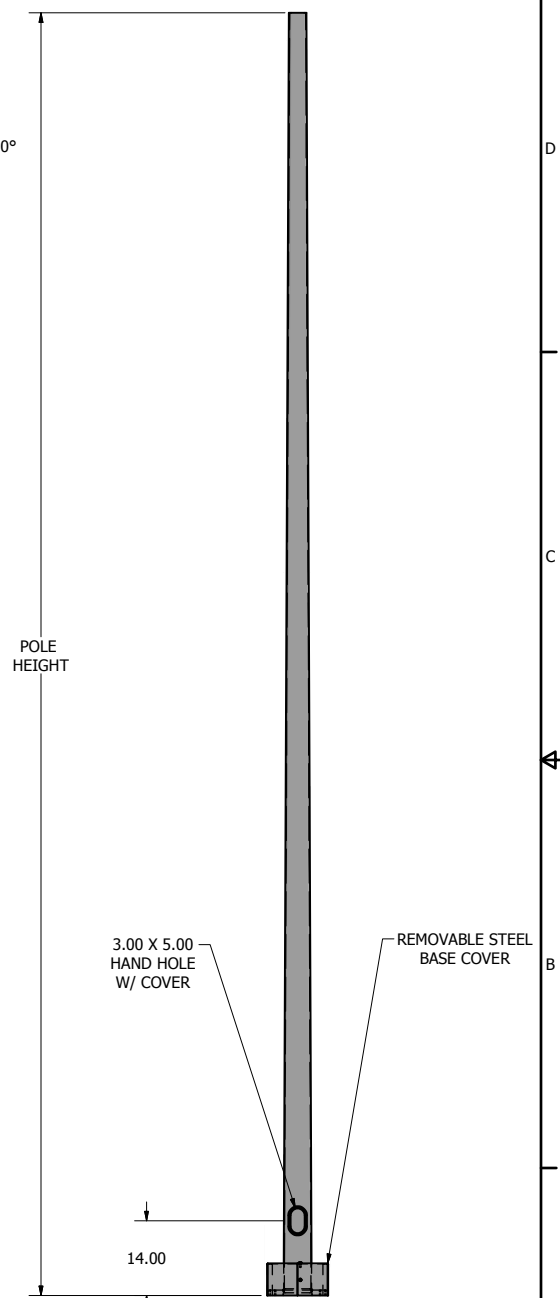


TENON MOUNT STYLES

TENON MOUNT STYLES:
 T2- Ø2.38 X 4.00 LG
 T3- Ø3.00 X 5.00 LG
 T4- Ø4.00 X 6.00 LG



Ø1.00 X 40.00 ANCHOR BOLT



POLE DETAIL

lyte poles
 a DWM company
 P.O. Box 340
 Eastpointe, MI 48021
 P: (586) 771-4610 | F: (586) 771-5527
 www.lytepoles.com

DRAWN: M. HARVALA	2/13/2015
CHECKED:	
REVISION:	DATE:
APPROVED:	
QUOTE:	
S.O.#	
REF:	SCALE: NONE

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:	
CATALOG:	
DWG NO: 201-5211-20	SIZE C
SHEET 1 OF 1	

