



DRILLED PER FIXTURE REQUIREMENTS:

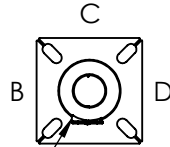
DM1-DRILLED FOR 1 FIXTURE

DM290 -DM2180-DRILLED FOR 2 FIXTURES AT 90° OR 180°

DM390-DM3120-DRILLED FOR 3 FIXTURES AT 90° OR 120°

D490-DRILLED FOR 4 FIXTURES

POLE DIA

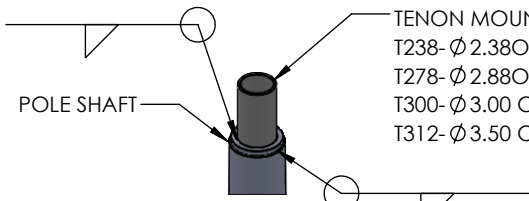


3X5 HAND HOLE
STD SIDE A

DRILLED MOUNT OPTIONS

Drilling Locations

Sides	A	B	C	D
Hand Hole	X			
DM1	X			
DM290	X	X		
DM2180		X		X
DM390	X	X		X
DM490	X	X	X	X



TENON MOUNT OPTIONS

TENON MOUNT OPTIONS:

T238-Ø 2.38OD X 4.00 LG

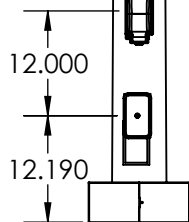
T278-Ø 2.88OD X 4.00 LG

T300-Ø 3.00 OD X 6.00 LG

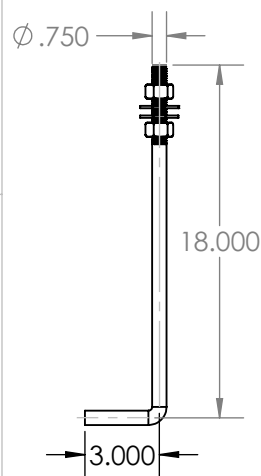
T312-Ø 3.50 OD X 6.00 LG

POLE HEIGHT

TLGFIA STD MNT
12" ABOVE HH



TLGFIA STD MOUNT



Ø 0.75 x 18.00 ANCHOR BOLT
AB KIT REQ'D KAB3418G08R

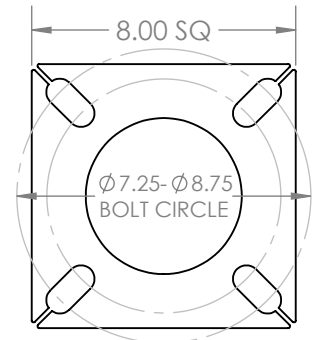
POLE DETAIL

3.00 X 5.00
HAND HOLE
W/COVER

REMOVABLE
BASE COVER



3.00 X 5.00 HAND HOLE COVER 8.00 X 8.00 X .75 THK BASE PLATE



POLE SPECIFICATIONS RSP20-4-11

NO.	COMPONENT	ASTM SPEC	MIN. YIELD (PSI)		
1	POLE SHAFT	A500 GR C	50,000		
2	BASE PLATE	A36	36,000		
3	ANCHOR BOLTS	F1554 GR 55	55,000		
4	ANCHOR BOLT HDW	A153	---		

FINISH SPECIFICATIONS

IF GALV FINISH OPTION IS SPECIFIED POLE WILL BE HOT DIP GALVANIZED

PER ASTM A123 SPECIFICATIONS. IF GALVP FINISH OPTION IS SPECIFIED

POLE WILL BE HOT DIP GALVANIZED PER ASTM A123, THEN POWDER COATED

WITH TEXTURED POLYESTER POWDER COAT ELECTROSTATICALLY APPLIED.

IF POLYESTER POWDER COAT PAINT FINISH IS SPECIFIED POLE WILL BE SHOT

BLASTED, WASHED, PRETREATED & DRIED THEN POWDER COAT WILL BE

ELECTROSTATICALLY APPLIED PER AAMA 2604/2605 SPECIFICATIONS.

POLE DIMENSIONS

POLE HGT. (FT)	POLE DIA (IN)	STL GA		
20.0'	4.00"	11 (.119)		

BASE PLATE DIMENSIONS

BOLT CIRCLE DIA. (IN)	BASE PLATE (IN)	A/B HOLE WD (IN)	BASE PLATE THK (IN)	
SQR4 7.25-8.75"	8.00 SQ	1.00"	0.75"	

ANCHOR BOLT DIMENSIONS

ANCHOR BOLT DIA (IN)	ANCHOR BOLT LENGTH (IN)		
0.75"	18.00"		

ALLOWABLE WIND LOAD (SQ. FT)

WIND	INDICATED EPA	100 MPH	110MPH	120MPH	130MPH	140MPH
EPA	---	5.6	4.1	2.9	2.0	1.3

SOLIDWORKS DRAWING

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

DECIMALS
X.X = ±0.030
X.XX = ±0.010
X.XXX = ±0.005
X.XXXX = ±0.0005
FRACTION = ±1/32

ANGLE
X.X = ±1.0°
X.XX = ±0.5°
SURFACE 125/
FINISH

FINISH

PAINT TO ORDER

MATERIAL #: STEEL

MATERIAL:

MATERIAL SIZE:

TECHLIGHT[®]

WWW.TECHLIGHT.COM

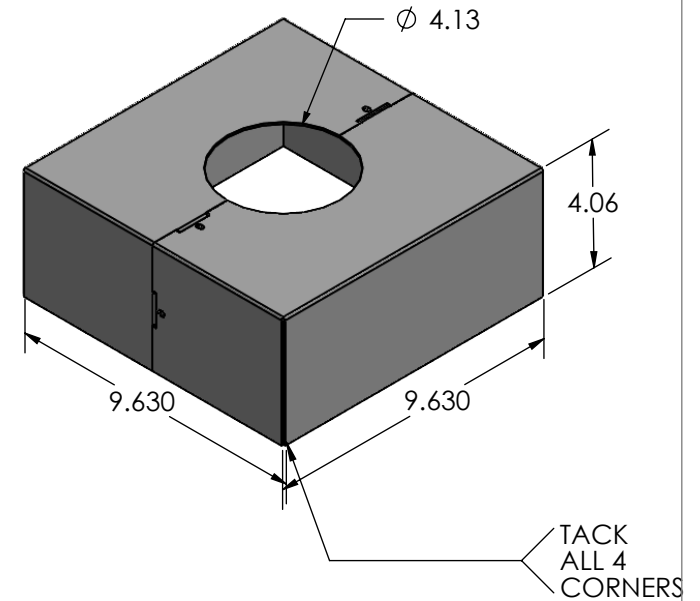
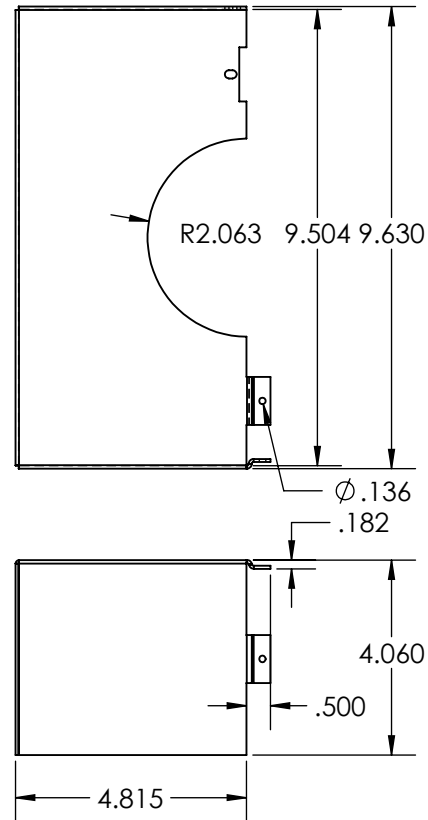
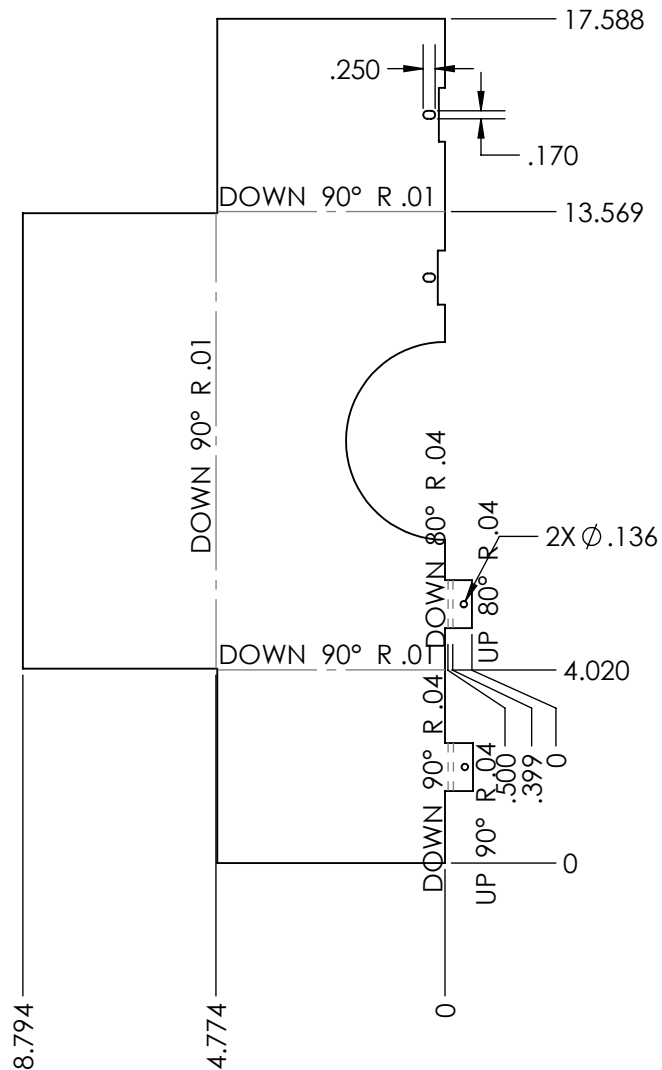
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DESCRIPTION

RSP 20 4 11

MASS PROPERTIES	SURFACE AREA	VOLUME	WEIGHT
DENSITY			
lbs/cu.in.	sq.in.	cu.in.	lbs
AMOUNT OF PAINT	SIZE	PART NO.	REV.
lbs	A	RSP 20 4 11	-
DO NOT SCALE DRAWING	SCALE 1:96	CAD FILE RTP20 Assy	SHEET 1 OF 2

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	REVD WIDTH TO 9.63	6/13/2025	PRM
	B	REVD BEND,SCREW,TITLE BLK DESCRIPT	6/3/2026	PRM



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	PBCRSP4-9	BASE PLATE COVER	2
2	P838HWHSMS	SCREW 8-15 X 3/8 HWH SS 18-8	4

		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		NAME	DATE	TECHLIGHT.COM COVER BASE PLATE PBCRSP4-9 ALUM		
			CREATED		6.13.25			
			CHECKED					
			ENG APPR.					
			MFG APPR.					
		MATERIAL	G.A.			SIZE A DWG. NO. REV. PBCRSP4-9 B SCALE:1:4 WEIGHT: SHEET 2 OF 2		
		RMA063	CONFIGURATION					
		FINISH						
NEXT ASSY	USED ON	PAINT TO ORDER						
APPLICATION		DO NOT SCALE DRAWING						

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