



DRILLED PER FIXTURE REQUIREMENTS:

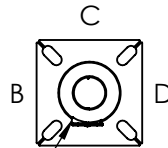
DM1-DRILLED FOR 1 FIXTURE

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

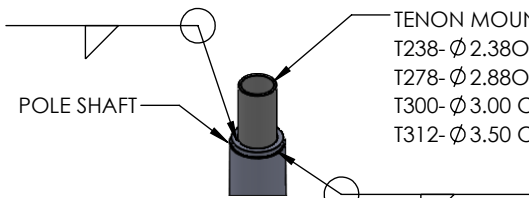


3X5 HAND HOLE
STD SIDE A

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	X
DM490	X	X	X	X



TENON MOUNT OPTIONS:

T238-Ø 2.38OD X 4.00 LG

T278-Ø 2.88OD X 4.00 LG

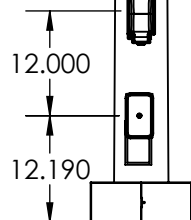
T300-Ø 3.00 OD X 6.00 LG

T312-Ø 3.50 OD X 6.00 LG

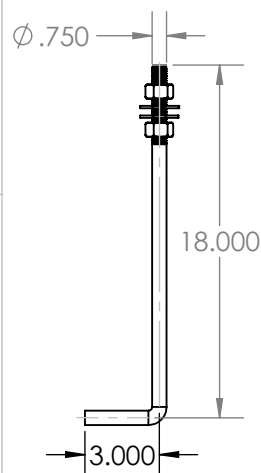
POLE HEIGHT

TENON MOUNT OPTIONS

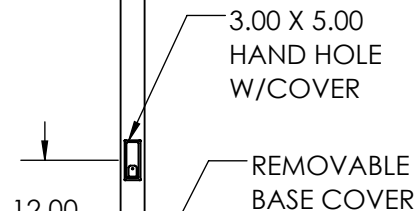
TLGFIA STD MNT
12" ABOVE HH



TLGFIA STD MOUNT



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

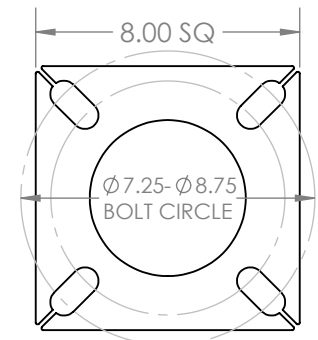


POLE DETAIL

POLE SPECIFICATIONS RSP20-4-7						
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 GALV 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"	7 (.188)			
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	---	9.4	7.2	5.6	4.3	3.2



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



DESIGN	DATE
PRM	6.3.26
DRAWN	DATE
PRM	6.3.26
CHECKED	DATE
APPROVED	DATE

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[®]

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DESCRIPTION

RSP 20 4 7

MASS PROPERTIES
DENSITY

lbs/cu.in.

sq.in.

cu.in.

lbs

REV.

-

AMOUNT OF PAINT

SCALE

1:96

CAD FILE

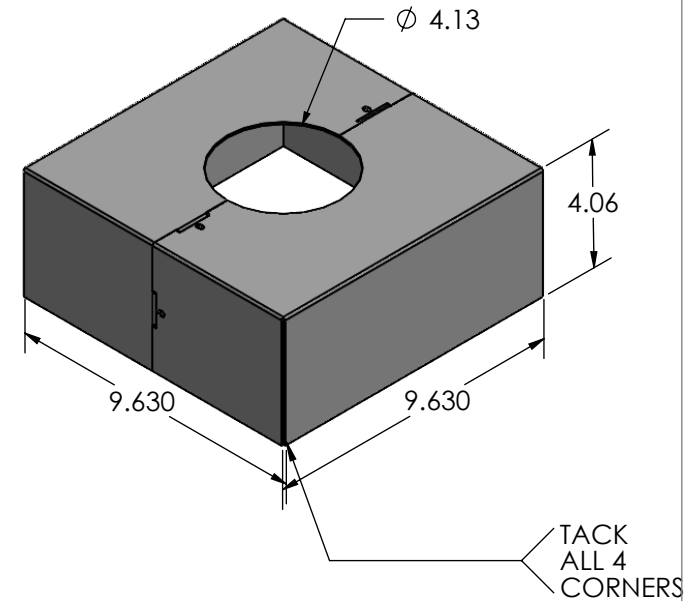
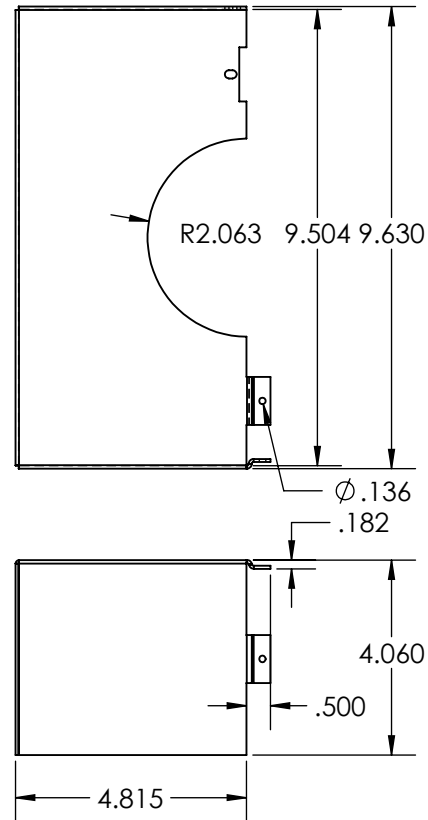
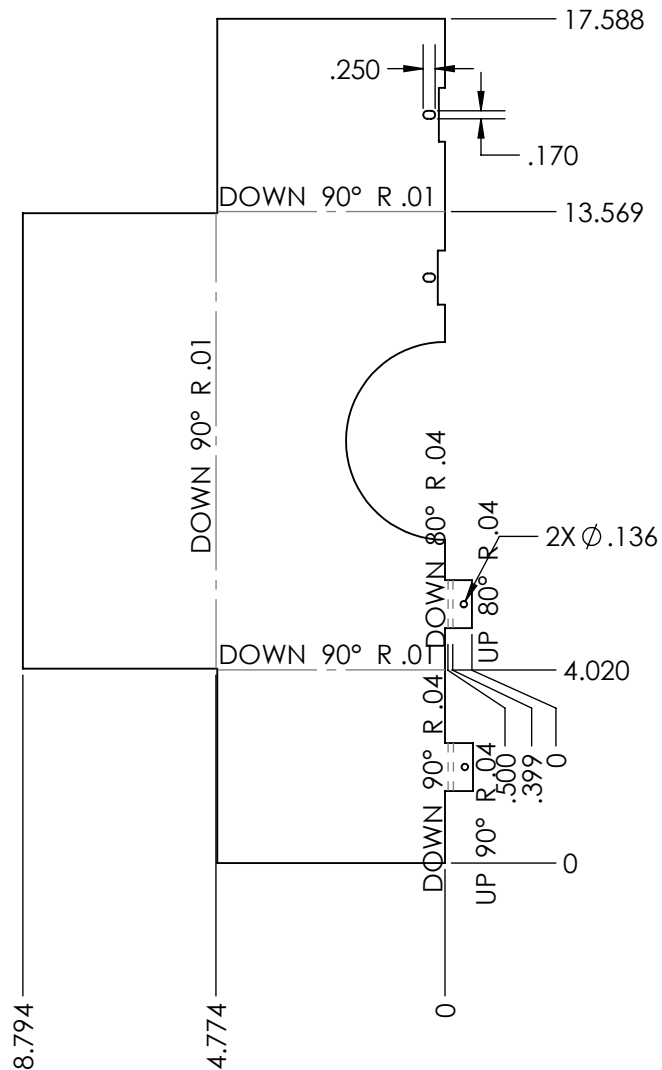
RTP20 Assy

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					
			CREATED		6.13.25						
			CHECKED			COVER BASE PLATE PBCRSP4-9 ALUM					
			ENG APPR.								
			MFG APPR.								
		G.A.									
		CONFIGURATION									
		MATERIAL				SIZE A			DWG. NO. PBCRSP4-9		REV. B
		RMA063									
		FINISH									
NEXT ASSY	USED ON	PAINT TO ORDER									
APPLICATION		DO NOT SCALE DRAWING				SCALE:1:4		WEIGHT:		SHEET 2 OF 2	

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