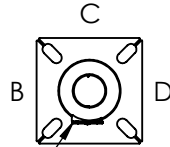




DRILLED PER FIXTURE REQUIREMENTS:
DM1-DRILLED FOR 1 FIXTURE
DM290-DM2180-DRILLED FOR 2 FIXTURES AT 90° OR 180°
DM390-DM3120-DRILLED FOR 3 FIXTURES AT 90° OR 120°
D490-DRILLED FOR 4 FIXTURES



3X5 HAND HOLE
STD SIDE A

DRILLED MOUNT OPTIONS

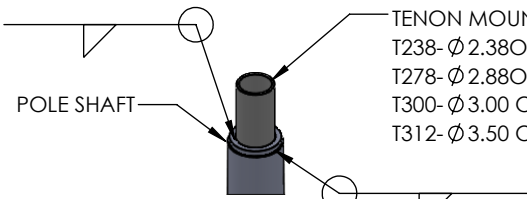
Drilling Locations

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

POLE SQ

POLE HEIGHT

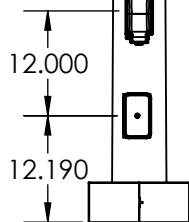
POLE DETAIL



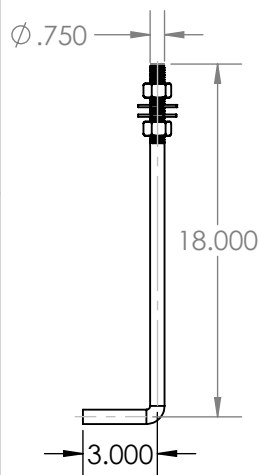
TENON MOUNT OPTIONS

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

TLGFIA STD MNT
12" ABOVE HH



TLGFIA STD MOUNT



Ø 0.75 x 18.00 ANCHOR BOLT
AB KIT REQ'D KAB3418G75R

SOLIDWORKS DRAWING

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

DECIMALS	ANGLE
X.X = ±0.030	X.X = ±1.0°
X.XX = ±0.010	X.XX = ±0.5°
X.XXX = ±0.005	
X.XXXX = ±0.0005	
FRACTION = ±1/32	

FINISH

PAINT TO ORDER

MATERIAL #:

STEEL

MATERIAL:

MATERIAL SIZE:

SURFACE 125/
FINISH

POLE SPECIFICATIONS SSP20-4-7

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 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"	7 (.188)

BASE PLATE DIMENSIONS

BOLT CIRCLE DIA. (IN)	BASE PLATE (IN)	A/B HOLE WD (IN)	BASE PLATE THK (IN)
P4875 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	---	11.3	8.6	6.5	4.9	3.6

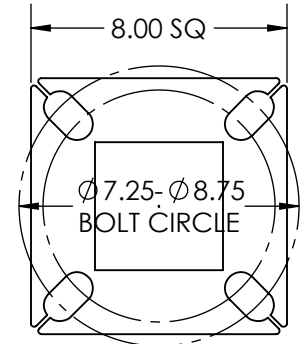
3.00 X 5.00
HAND HOLE
W/COVER

REMOVABLE
BASE COVER



3.00 X 5.00 HAND HOLE COVER

8.00 X 8.00 X .75 THK BASE PLATE



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DESCRIPTION

SSP 20 4 7

MASS PROPERTIES
DENSITY

lbs/cu.in.

sq.in.

cu.in.

lbs

REV.

-

1 OF 2

AMOUNT OF PAINT

lbs

SCALE

1:96

CAD FILE

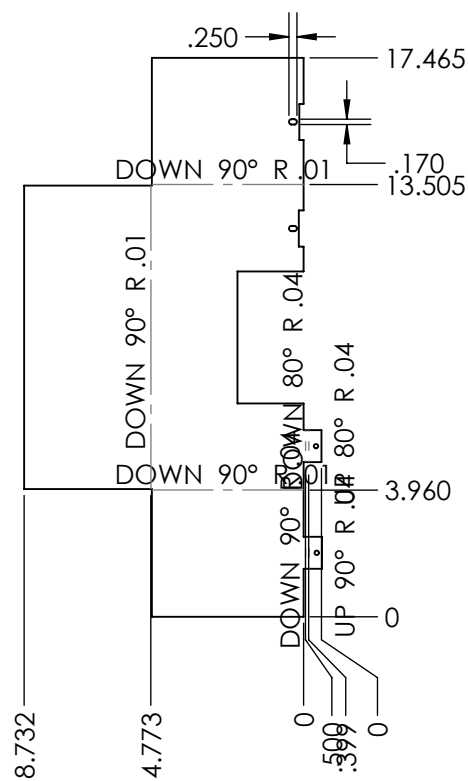
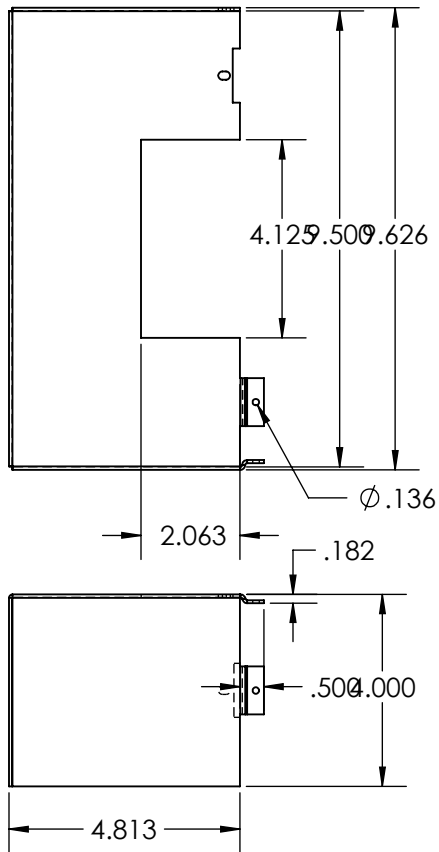
RTP20 Assy

SHEET

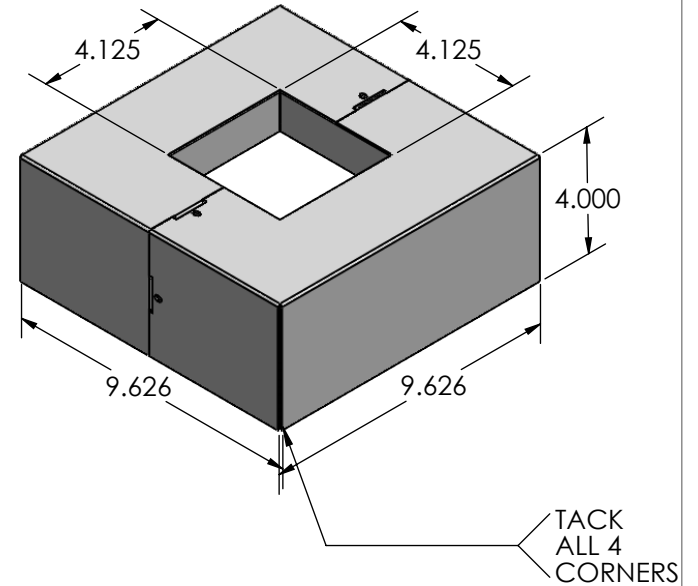
1 OF 2

2

2



REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	REVD BENDS, SCREW & TITLE BLK DESCRIPT	6/3/2026	PRM



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	PBC4SQ9SQ4H	BASE PLATE COVER - RMA063	2
2	P838HWHSMS	SCREW 8-15 X 3/8 HWH SS 18-8	4

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		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	NAME	DATE	TECHLIGHT.COM	
			CREATED	6.27.25		
			CHECKED			
			ENG APPR.			
		MATERIAL	MFG APPR.		COVER BASE PLATE PBC4SQ9SQ4H ALUM	
		RMA063	G.A.			
		FINISH	CONFIGURATION			
		PAINT TO ORDER				
NEXT ASSY	USED ON					
APPLICATION		DO NOT SCALE DRAWING				
				SIZE	DWG. NO.	REV.
				A	PBC4SQ9SQ4H	A
				SCALE:1:4	WEIGHT:	SHEET 2 OF 2