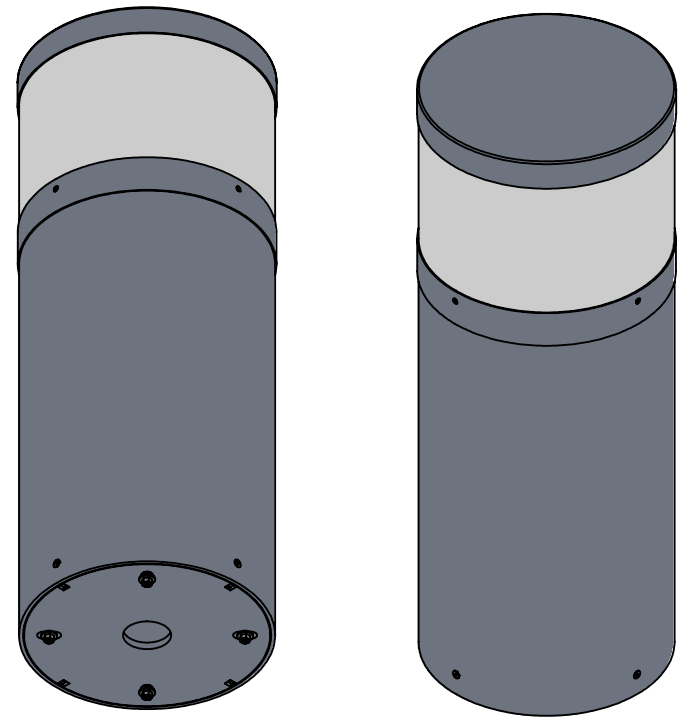
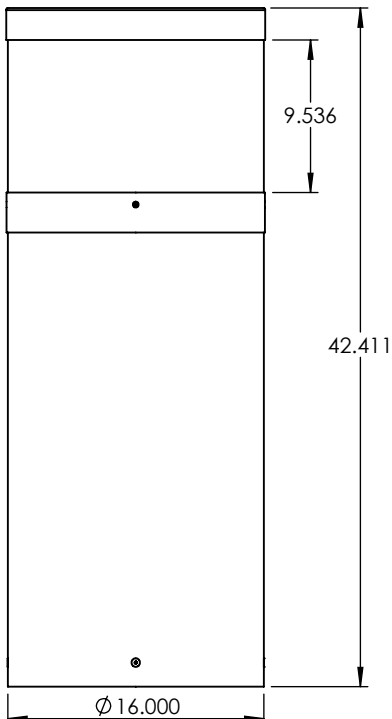
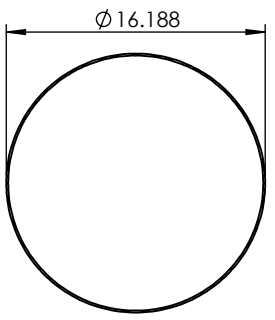
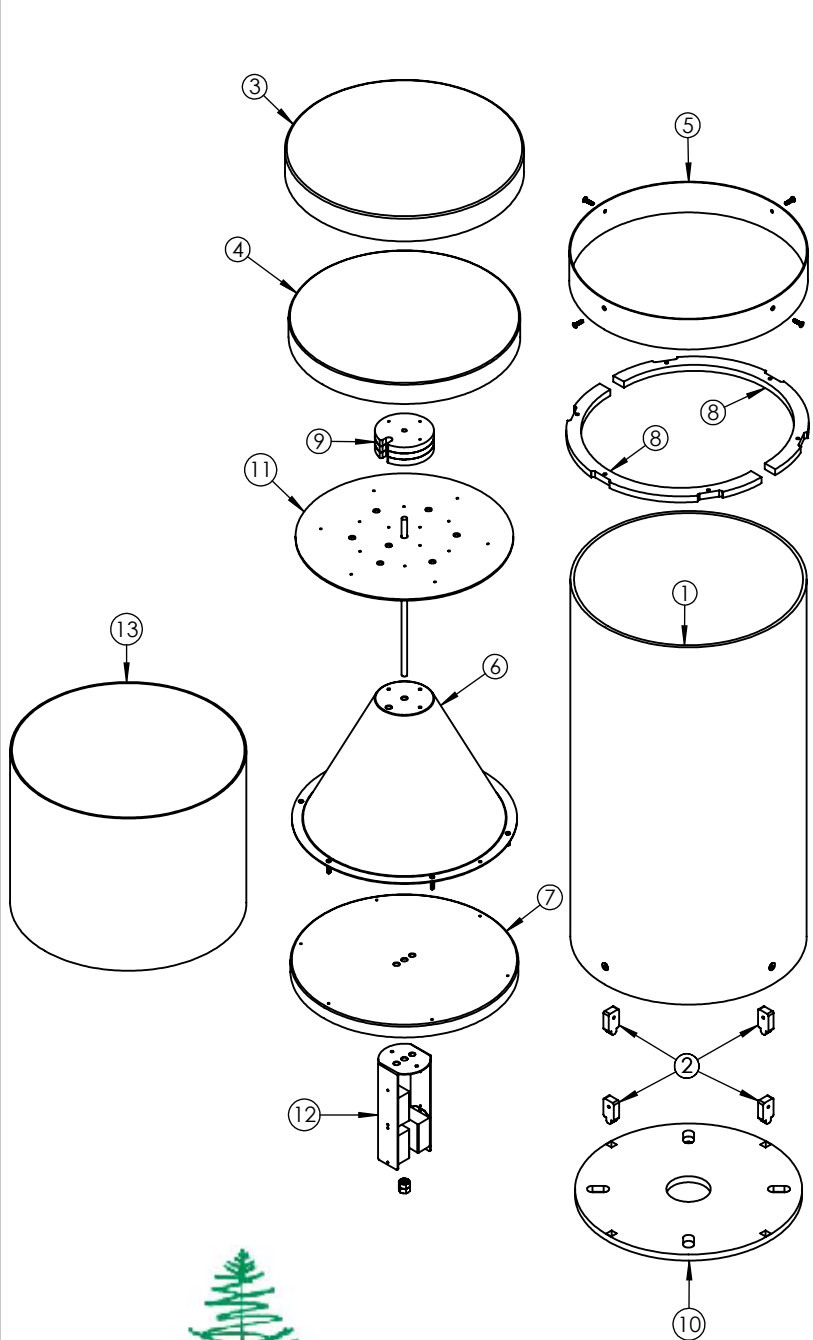


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	CUT
1	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-CYLINDER TUBE	8" DIAMETER CYLINDER	1	
2	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-ANCHOR PLATE TAB	ALUMINUM 0.500" PLATE	4	
3	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-SPUN TOP CAP	SPUN ALUMINUM 0.080"	1	
4	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-SPUN INNER CAP	SPUN ALUMINUM 0.080"	1	
5	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-TUBE SLEEVE	SPUN ALUMINUM 0.080"	1	
6	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-SPUN CONE	SPUN ALUMINUM 0.080"	1	
7	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-SPUN CONE SEAT	SPUN ALUMINUM 0.080"	1	
8	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-TUBE FLANGE	ALUMINUM 0.500" PLATE	2	
9	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-CONE SPACER	ALUMINUM 0.500" PLATE	3	
10	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-ANCHOR PLATE	ALUMINUM 0.500" PLATE	1	
11	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-LED PLATE	ALUMINUM 0.125" PLATE	1	
12	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-DRIVER BRACKET	ALUMINUM 0.0635"	1	
13	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-ACRYLIC TUBE	ACRYLIC	1	
14	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-0.375" ROUND TUBE	3/8" THREADED ROD	1	
15	8-32 SS Hex Drive Flat Head	8-32 FLAT HEAD SCREW	4	
16	Espen VEL19070MVH-1	DRIVER	3	
23	AIfaLED PN1010 RevD	LED	6	



UNLESS OTHERWISE SPECIFIED:
 DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONAL ± .003
 ANGULAR: MACH ± .01 BEND ±
 TWO PLACE DECIMAL ±
 THREE PLACE DECIMAL ±.001

INTERPRET GEOMETRIC
 TOLERANCING PER:
 MATERIAL
 FINISH

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		
COMMENTS:		

TITLE:
VIR-20MD-42-16-L36-TMN-1-A-CBPLT

SIZE DWG. NO. REV
A TICKET 25836



ALL BEND RADIUS .030"

APPLICATION

DO NOT SCALE DRAWING

SCALE: 1:12 WEIGHT:

SHEET 1 OF 16

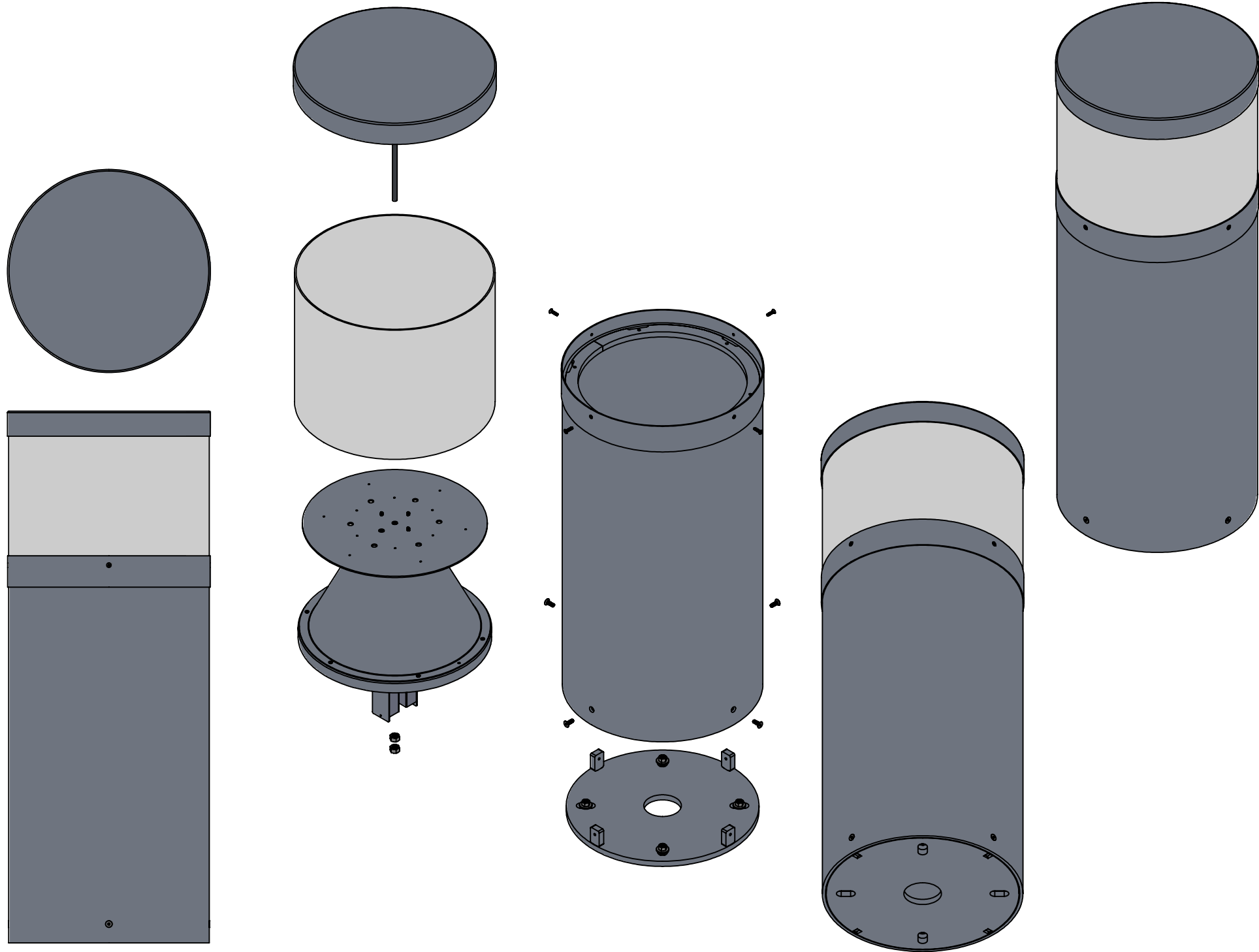
5

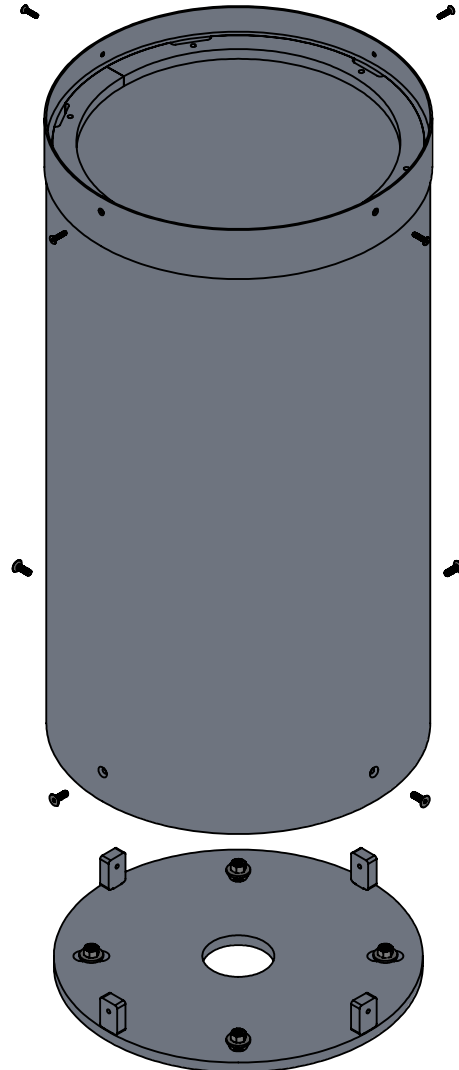
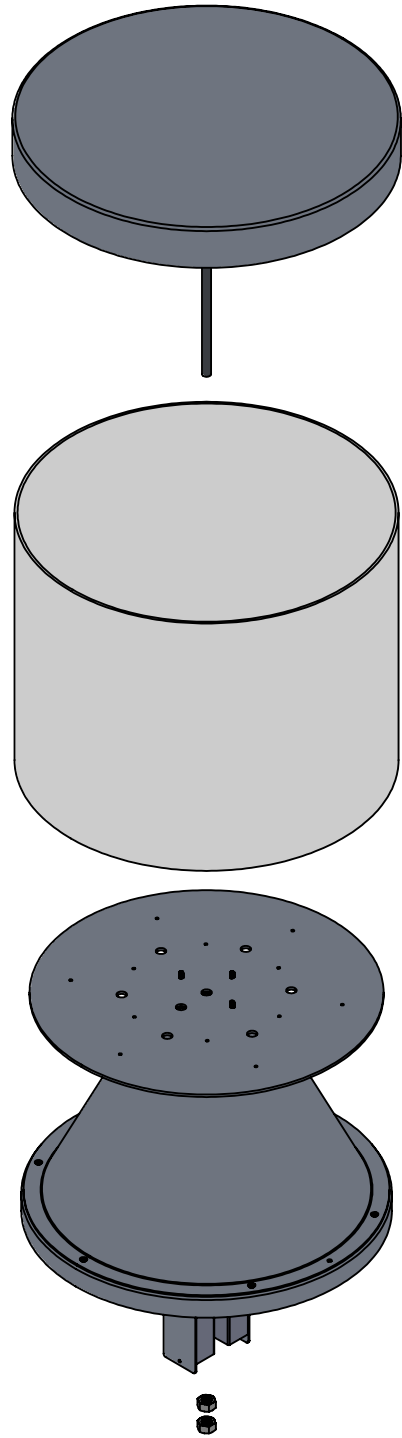
4

3

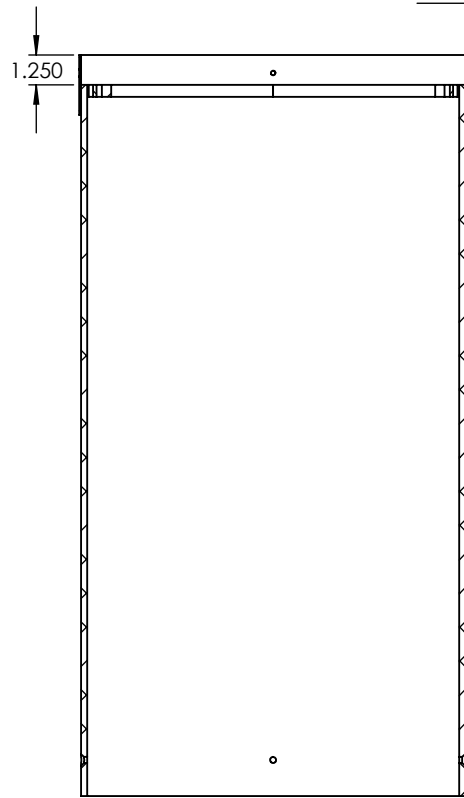
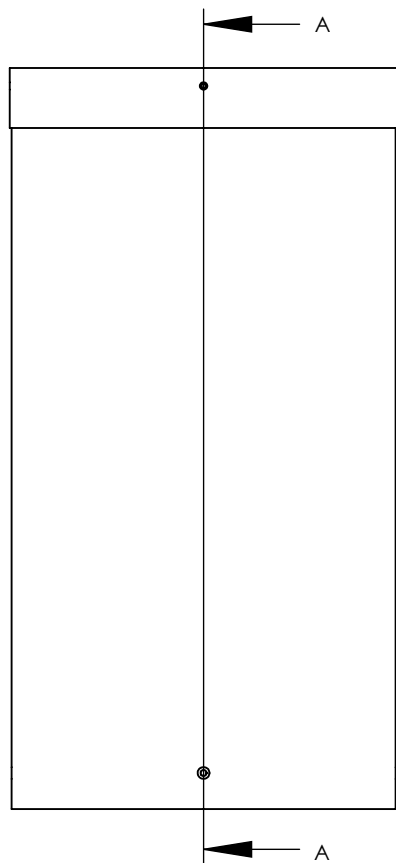
2

1





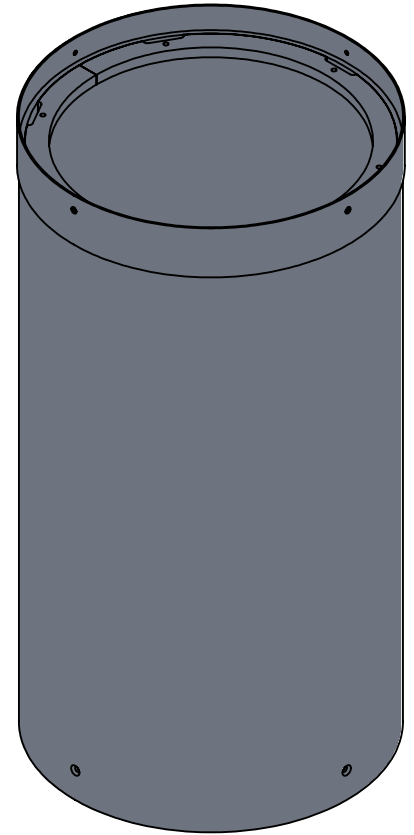
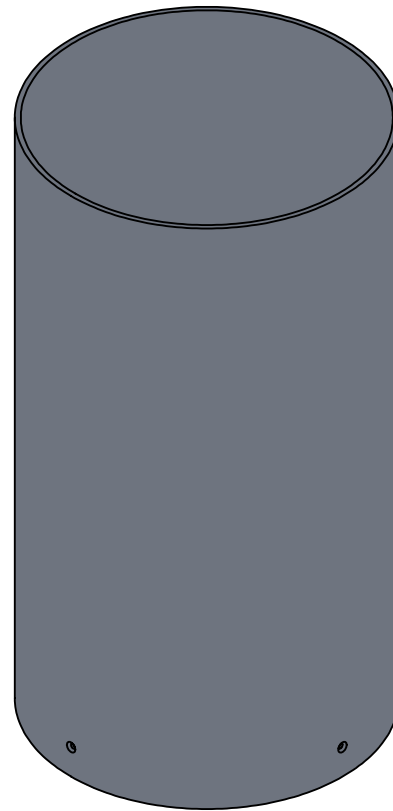
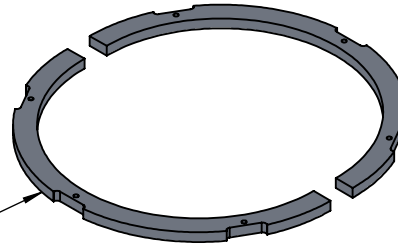
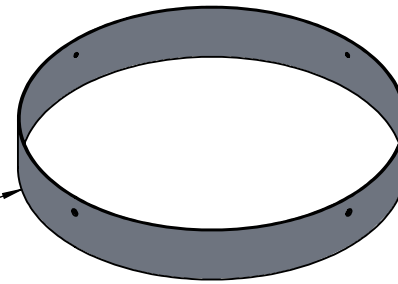
- ALL MEASUREMENTS FROM TOP RIM OF CYLINDER

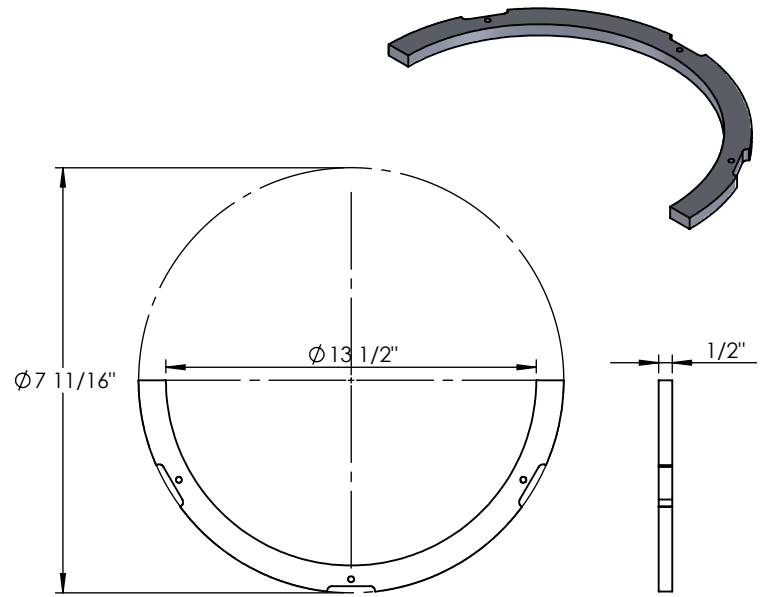
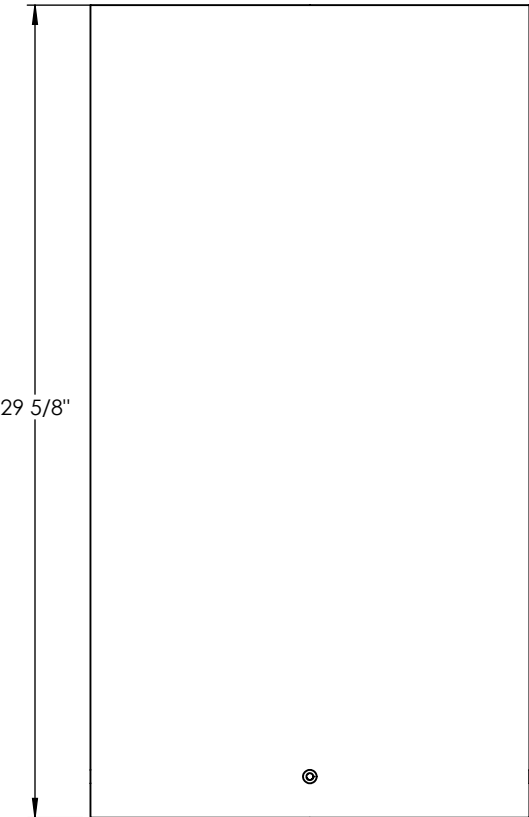
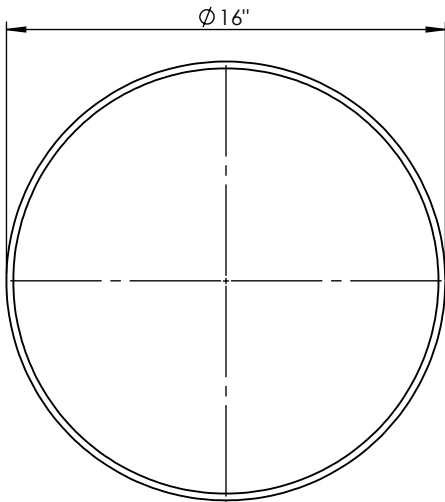


SECTION A-A

1.250 INCH
INTO BODY

FLUSH TO TOP
OF BODY





UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
 TOLERANCES:
 FRACTIONAL ±
 ANGULAR: MACH ± BEND ±
 TWO PLACE DECIMAL ±
 THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC
 TOLERANCING PER:

MATERIAL

FINISH

DO NOT SCALE DRAWING

	NAME	DATE
DRAWN		
CHECKED		
ENG APPR.		
MFG APPR.		
Q.A.		

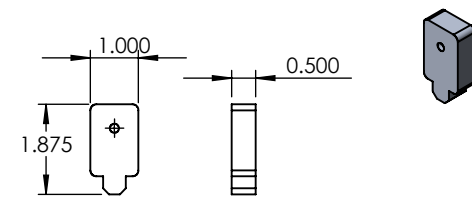
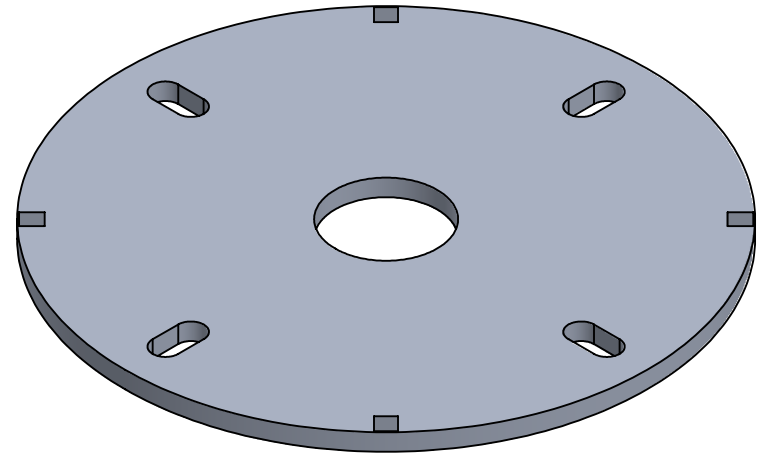
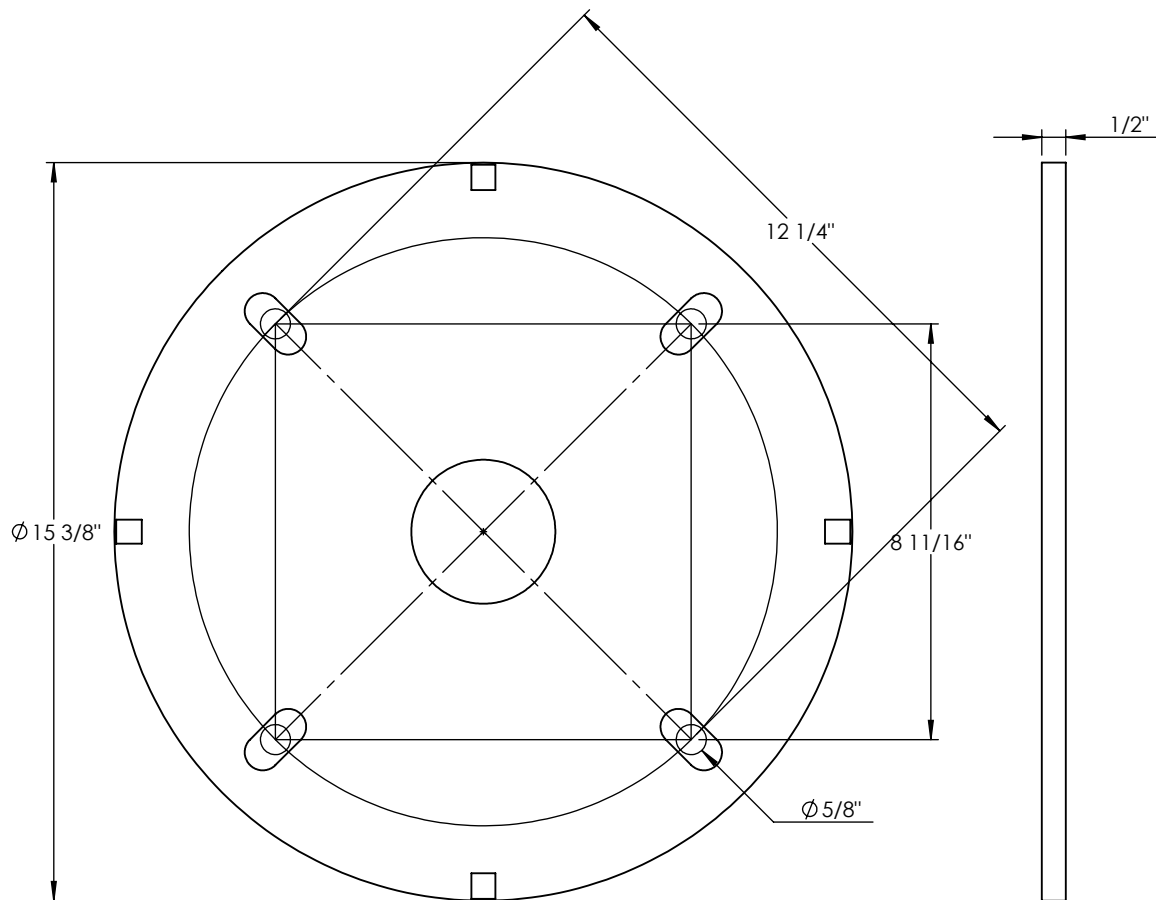
COMMENTS:

8" DIAMETER CYLINDER

TITLE:
 VIR-20MD-42-16-L36-TMN-1-A-CBPLT

SIZE	DWG. NO.	REV
A		

SCALE: 1:7 WEIGHT: SHEET 5 OF 16



		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	ALUMINUM 0.500" PLATE	
		DIMENSIONS ARE IN INCHES	DRAWN		TITLE:	
		TOLERANCES:	CHECKED		VIR-20MD-42-16-L36-TMN-1-A-CBPLT	
		FRACTIONAL \pm	ENG APPR.		SIZE DWG. NO. REV	
		ANGULAR: MACH \pm BEND \pm	MFG APPR.		A	
		TWO PLACE DECIMAL \pm	Q.A.		SCALE: 1:4 WEIGHT: SHEET 6 OF 16	
		THREE PLACE DECIMAL \pm	COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:				
		MATERIAL				
NEXT ASSY	USED ON	FINISH				
APPLICATION		DO NOT SCALE DRAWING				

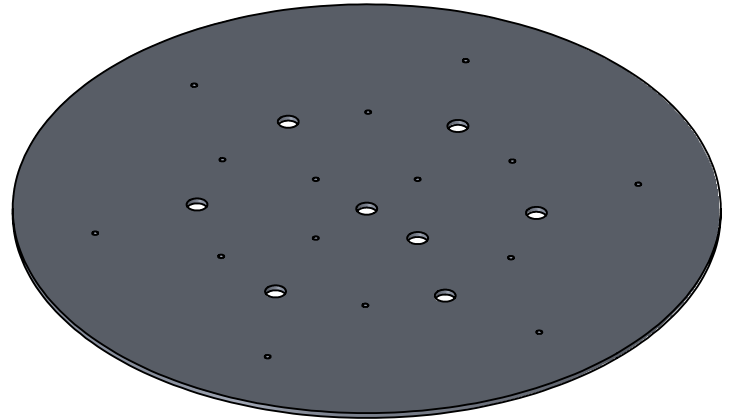
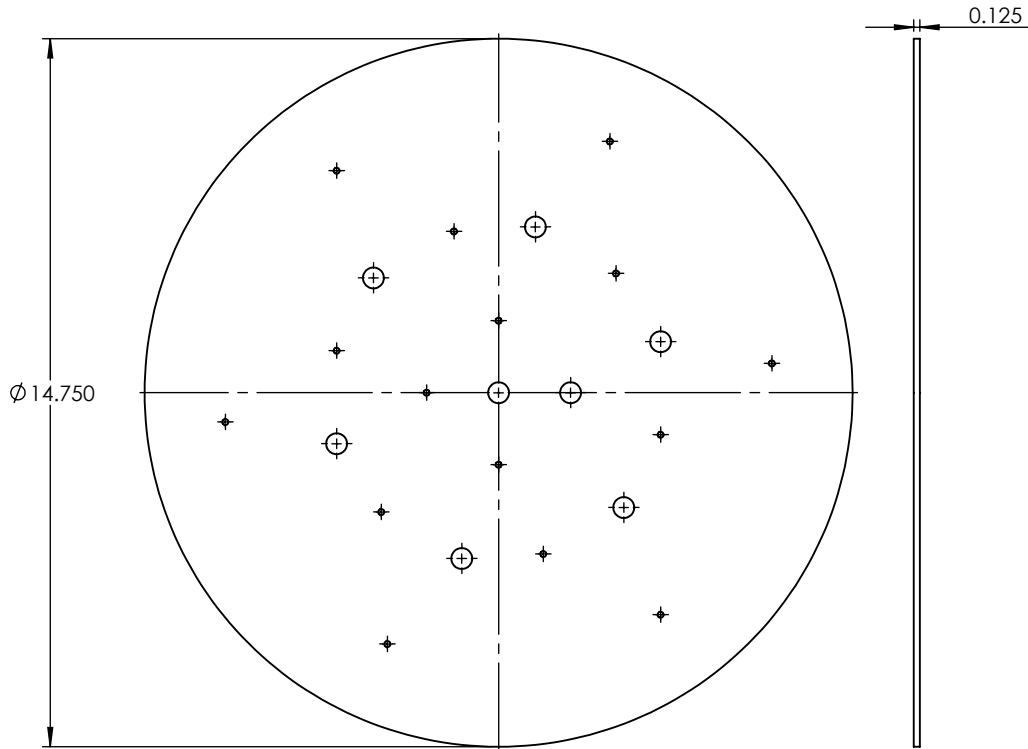
5

4

3

2

1



PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN		
		TOLERANCES:	CHECKED		
		FRACTIONAL ±	ENG APPR.		
		ANGULAR: MACH ± BEND ±	MFG APPR.		
		TWO PLACE DECIMAL ±	Q.A.		
		THREE PLACE DECIMAL ±	COMMENTS:		
		INTERPRET GEOMETRIC TOLERANCING PER:			
		MATERIAL			
NEXT ASSY	USED ON	FINISH			
APPLICATION		DO NOT SCALE DRAWING			

ALUMINUM 0.125" PLATE		
TITLE:		
VIR-20MD-42-16-L36-TMN-1-A-CBPLT		
SIZE	DWG. NO.	REV
A		
SCALE: 1:4	WEIGHT:	SHEET 7 OF 16

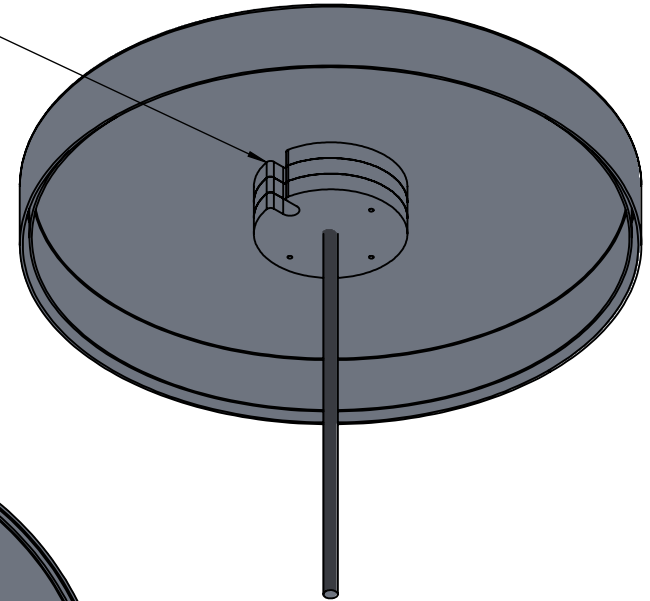
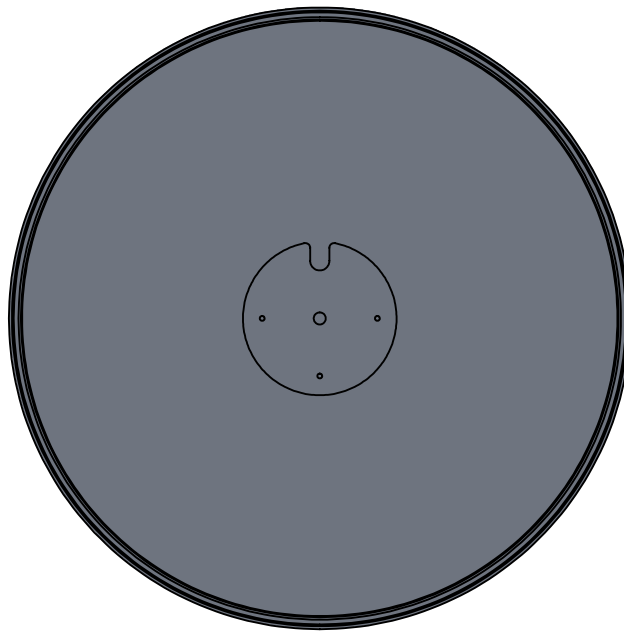
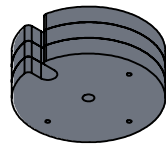
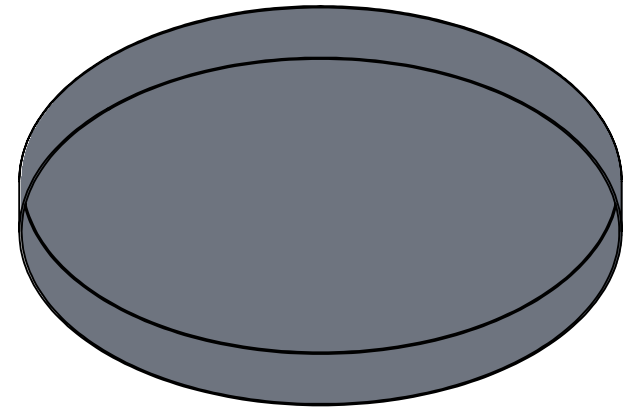
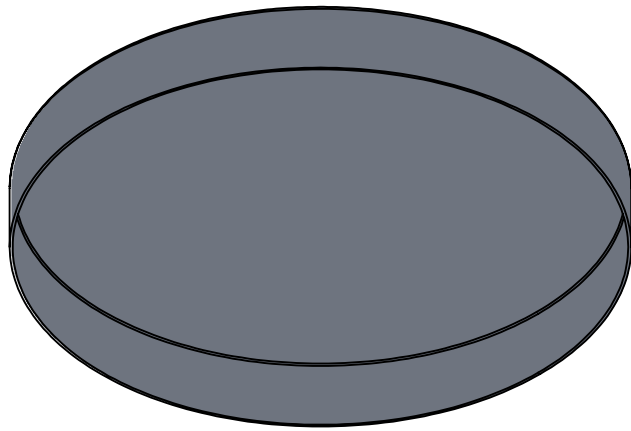
5

4

3

2

1



WELDED ALL AROUND

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	
		DIMENSIONS ARE IN INCHES	DRAWN			TITLE:
		TOLERANCES:	CHECKED			VIR-20MD-42-16-L36-TMN-1-A-CBPLT
		FRACTIONAL ±	ENG APPR.			
		ANGULAR: MACH ± BEND ±	MFG APPR.			
		TWO PLACE DECIMAL ±	Q.A.			SIZE DWG. NO. REV
		THREE PLACE DECIMAL ±	COMMENTS:			A
		INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 1:5 WEIGHT: SHEET 8 OF 16
		MATERIAL				
	NEXT ASSY	USED ON				
		FINISH				
	APPLICATION	DO NOT SCALE DRAWING				

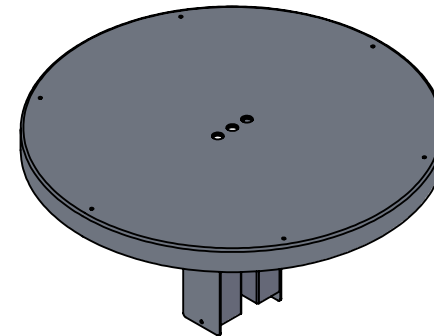
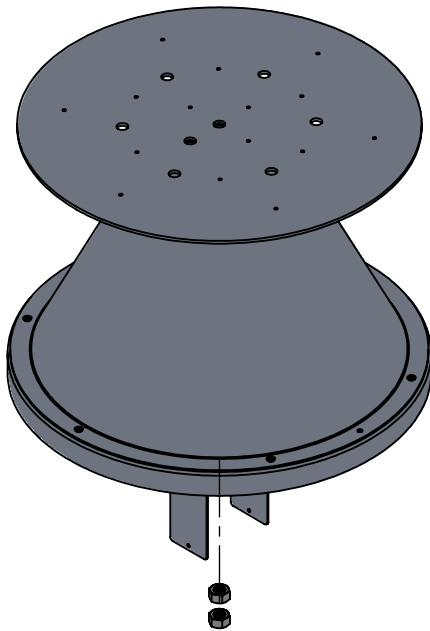
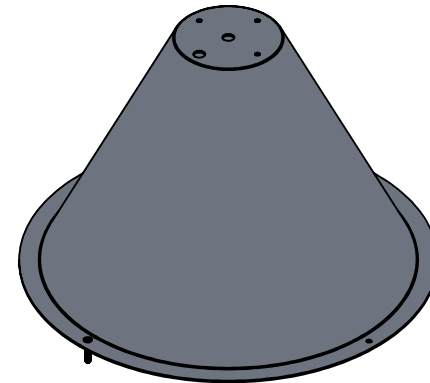
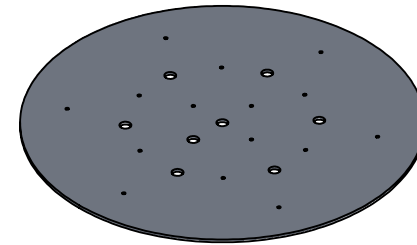
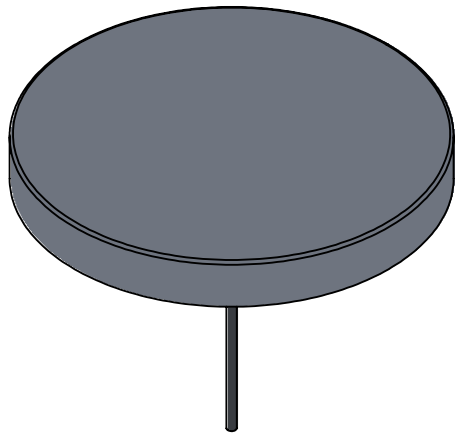
5

4

3

2

1



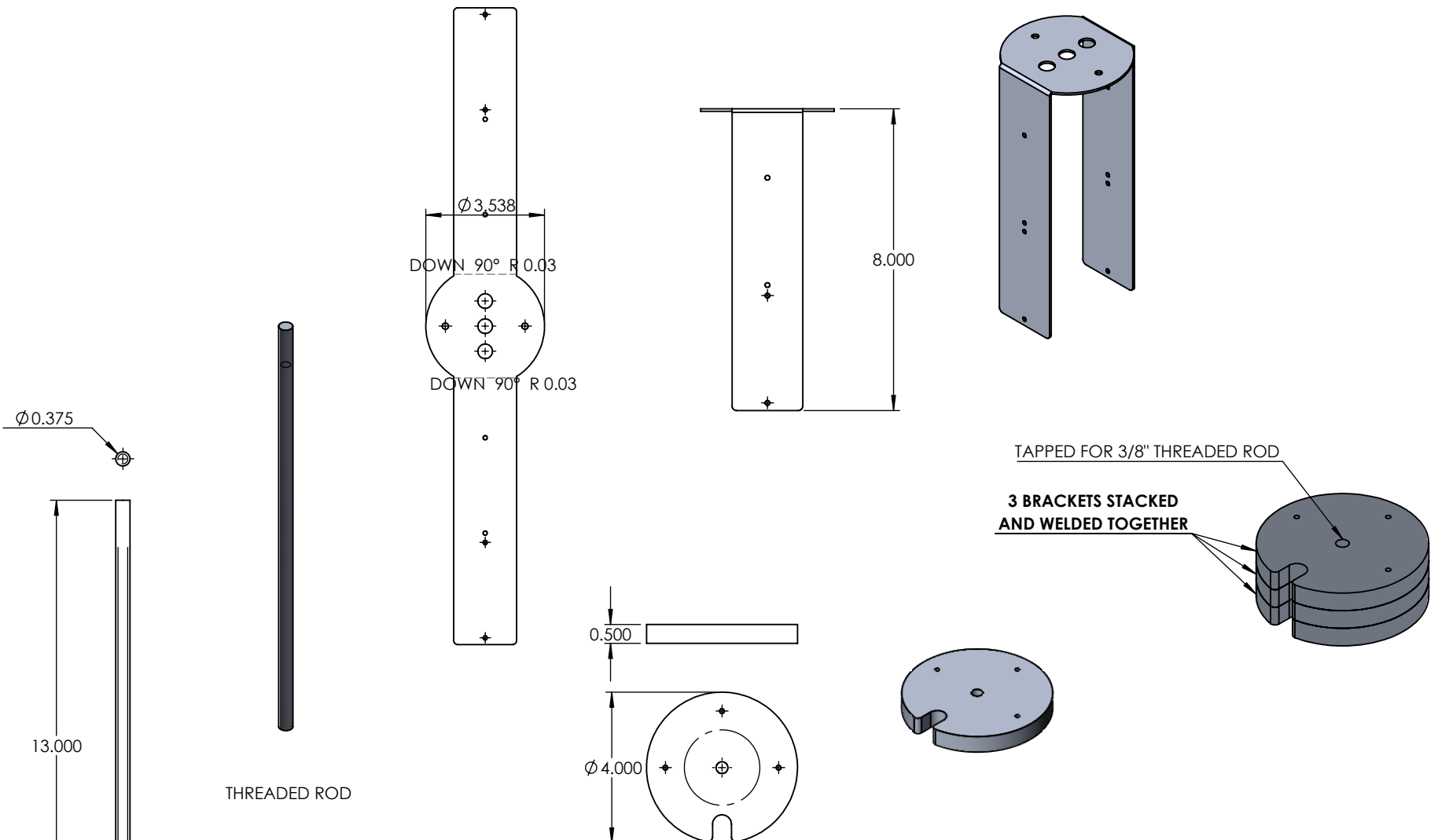
PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

NEXT ASSY	USED ON
APPLICATION	

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±
INTERPRET GEOMETRIC TOLERANCING PER:
MATERIAL
FINISH
DO NOT SCALE DRAWING

NAME	DATE
DRAWN	
CHECKED	
ENG APPR.	
MFG APPR.	
Q.A.	
COMMENTS:	

TITLE:		
VIR-20MD-42-16-L36-TMN-1-A-CBPLT		
SIZE	DWG. NO.	REV
A		
SCALE: 1:7	WEIGHT:	SHEET 9 OF 16



THREADED ROD

TAPPED FOR 3/8" THREADED ROD

3 BRACKETS STACKED AND WELDED TOGETHER

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	
		TOLERANCES:	CHECKED	
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

ALUMINUM 0.0635"		
TITLE:		
VIR-20MD-42-16-L36-TMN-1-A-CBPLT		
SIZE	DWG. NO.	REV
A		
SCALE: 1:4	WEIGHT:	SHEET 10 OF 16

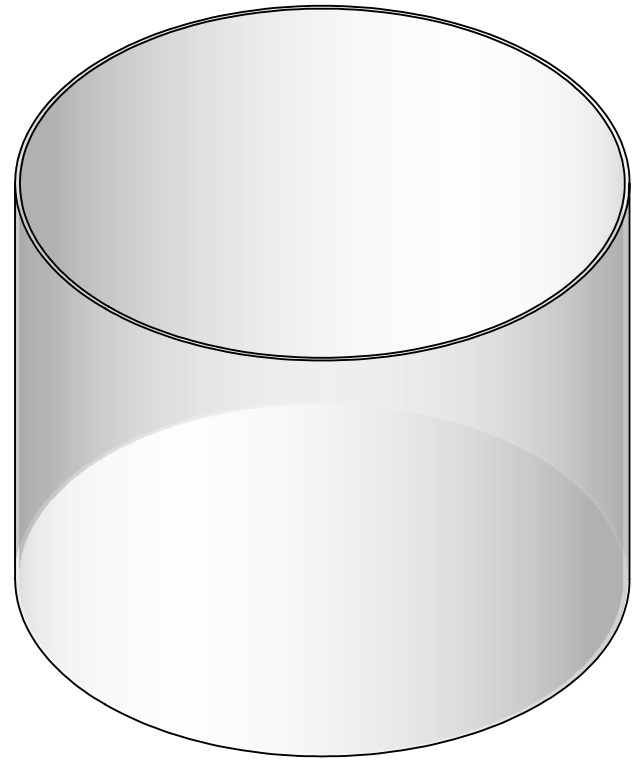
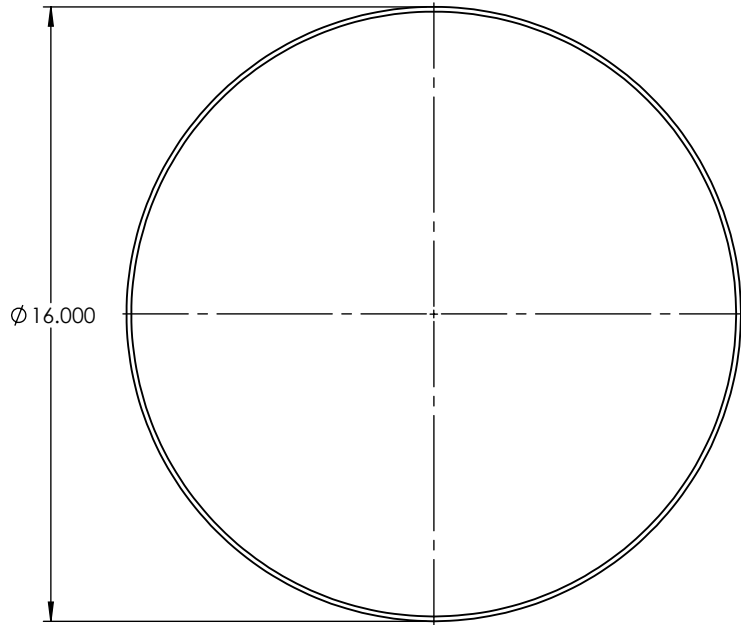
5

4

3

2

1



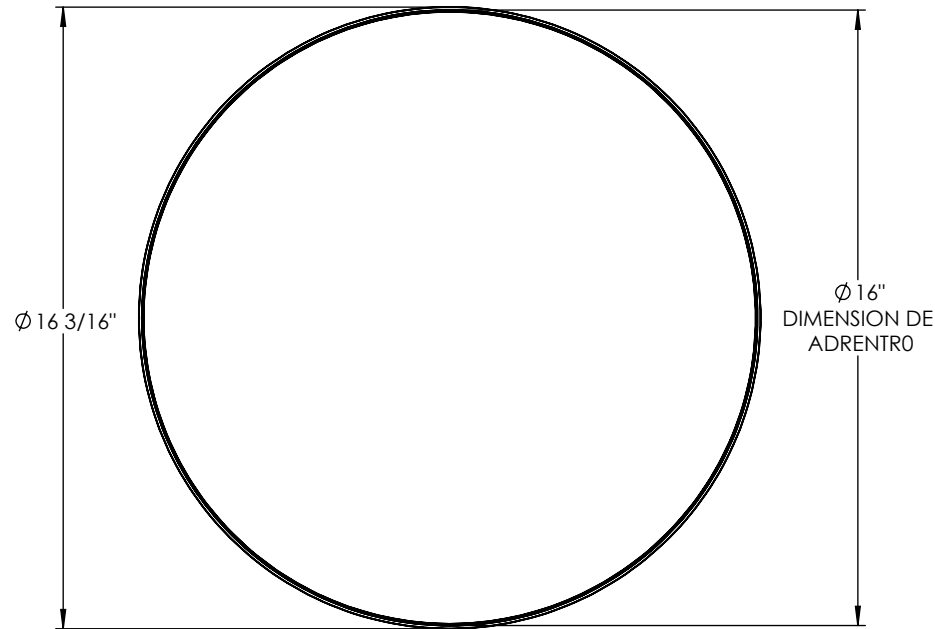
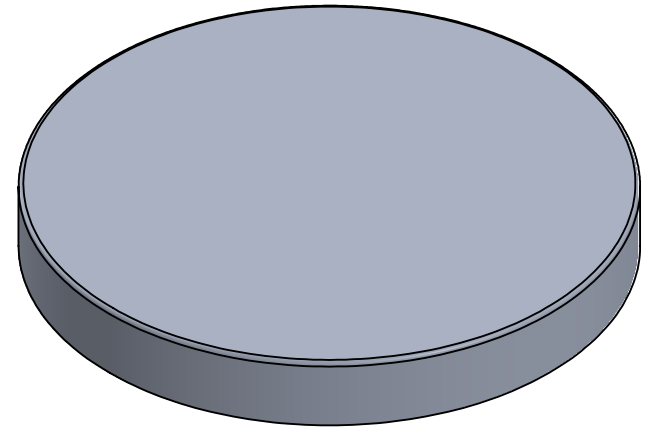
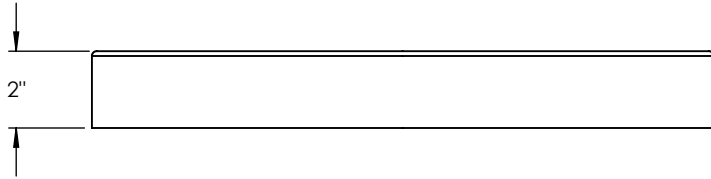
UNLESS OTHERWISE SPECIFIED:		NAME	DATE	ACRYLIC	
DIMENSIONS ARE IN INCHES		DRAWN			
TOLERANCES:		CHECKED			
FRACTIONAL ±		ENG APPR.			
ANGULAR: MACH ± BEND ±		MFG APPR.			
TWO PLACE DECIMAL ±		Q.A.		SIZE DWG. NO. REV	
THREE PLACE DECIMAL ±		COMMENTS:			
INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 1:5 WEIGHT: SHEET 11 OF 16	
MATERIAL					
FINISH					

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

NEXT ASSY	USED ON
APPLICATION	

DO NOT SCALE DRAWING

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-SPUN TOP CAP	SPUN ALUMINUM 0.080"	1

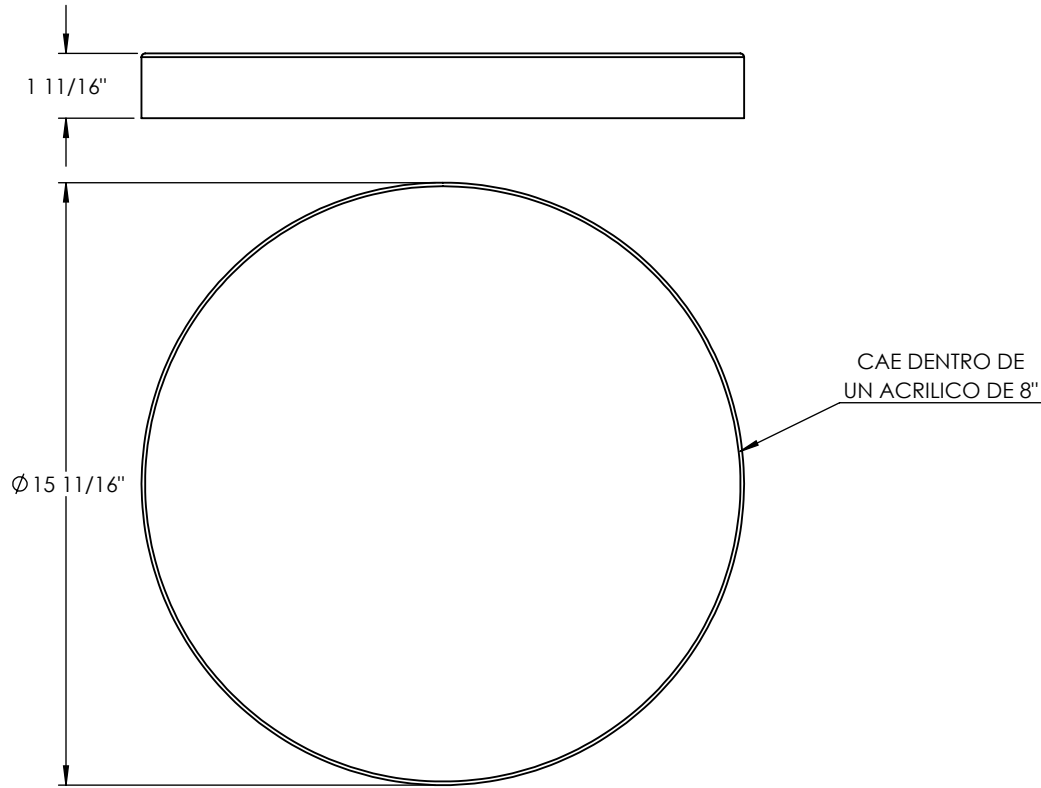
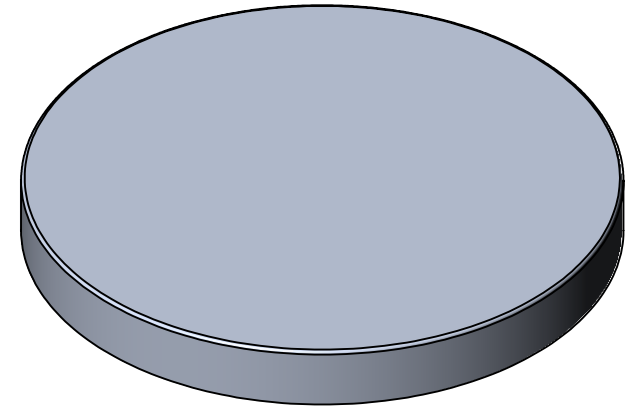


PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL \pm ANGULAR: MACH \pm BEND \pm TWO PLACE DECIMAL \pm THREE PLACE DECIMAL \pm	DRAWN	
		INTERPRET GEOMETRIC TOLERANCING PER:	CHECKED	
		MATERIAL	ENG APPR.	
		FINISH	MFG APPR.	
NEXT ASSY	USED ON		Q.A.	
APPLICATION		DO NOT SCALE DRAWING	COMMENTS:	

SPUN ALUMINUM 0.080"		
TITLE:		
VIR-20MD-42-16-L36-TMN-1-A-CBPLT		
SIZE	DWG. NO.	REV
A		
SCALE: 1:5	WEIGHT:	SHEET 12 OF 16

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-SPUN INNER CAP	SPUN ALUMINUM 0.080"	1



PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:	NAME	DATE
		DIMENSIONS ARE IN INCHES	DRAWN	
		TOLERANCES:	CHECKED	
		FRACTIONAL ±	ENG APPR.	
		ANGULAR: MACH ± BEND ±	MFG APPR.	
		TWO PLACE DECIMAL ±	Q.A.	
		THREE PLACE DECIMAL ±	COMMENTS:	
		INTERPRET GEOMETRIC TOLERANCING PER:		
		MATERIAL		
NEXT ASSY	USED ON	FINISH		
APPLICATION		DO NOT SCALE DRAWING		

SPUN ALUMINUM 0.080"		
TITLE:		
VIR-20MD-42-16-L36-TMN-1-A-CBPLT		
SIZE	DWG. NO.	REV
A		
SCALE: 1:5	WEIGHT:	SHEET 13 OF 16

5

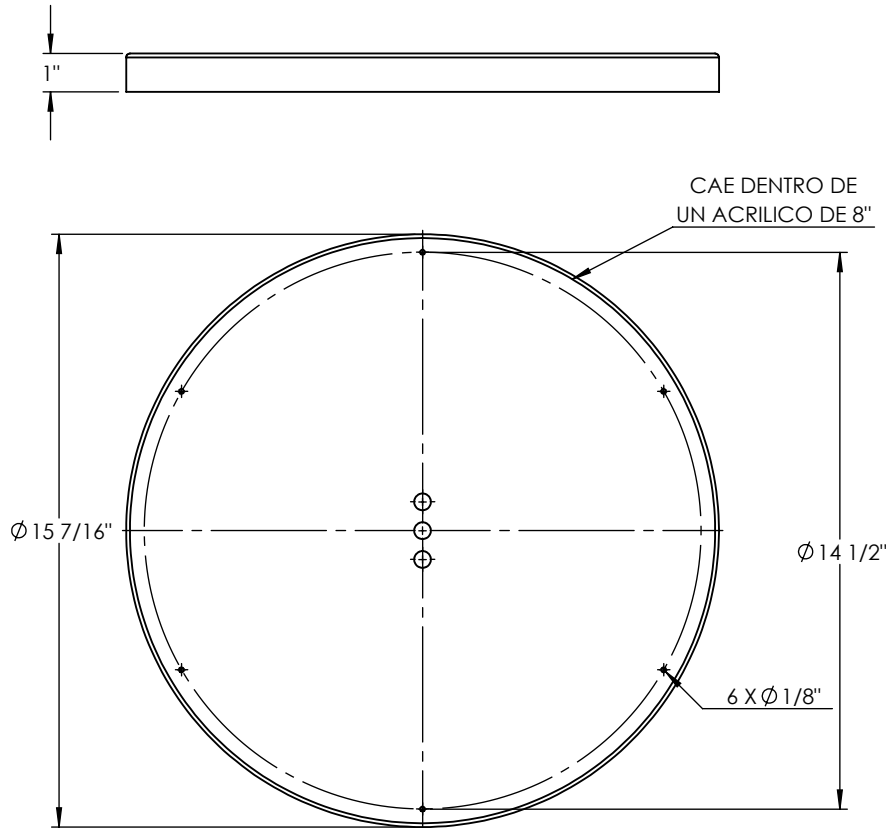
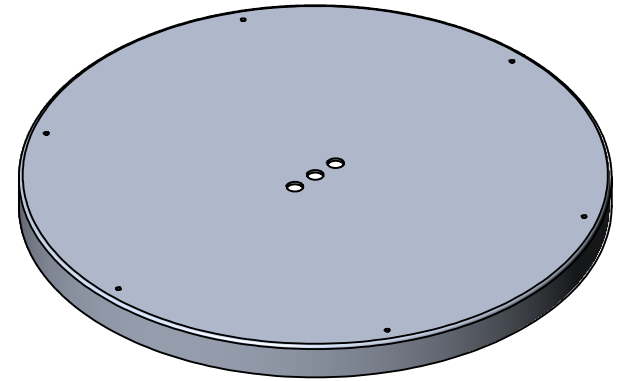
4

3

2

1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-SPUN CONE SEAT	SPUN ALUMINUM 0.080"	1



		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	SPUN ALUMINUM 0.080"	
		DIMENSIONS ARE IN INCHES	DRAWN		TITLE:	
		TOLERANCES:	CHECKED		VIR-20MD-42-16-L36-TMN-1-A-CBPLT	
		FRACTIONAL ±	ENG APPR.		SIZE DWG. NO. REV	
		ANGULAR: MACH ± BEND ±	MFG APPR.		A	
		TWO PLACE DECIMAL ±	Q.A.		SCALE: 1:5 WEIGHT: SHEET 14 OF 16	
		THREE PLACE DECIMAL ±	COMMENTS:			
		INTERPRET GEOMETRIC TOLERANCING PER:				
		MATERIAL				
		FINISH				
NEXT ASSY	USED ON	APPLICATION	DO NOT SCALE DRAWING			

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

5

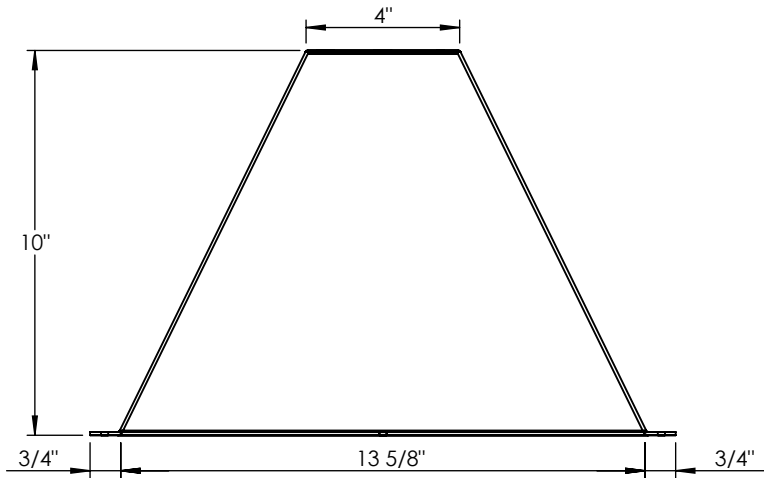
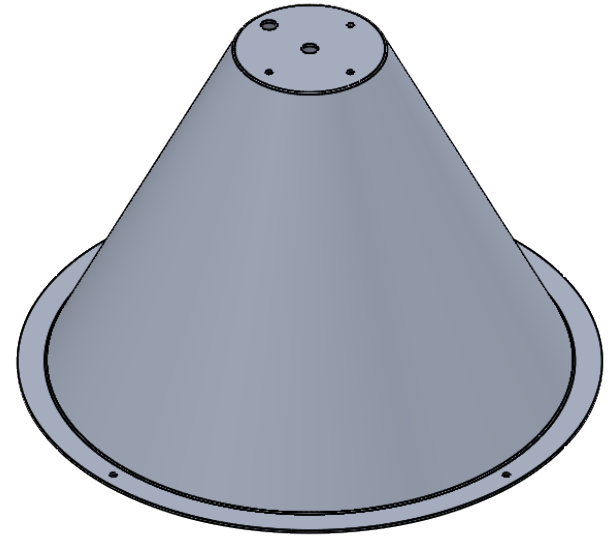
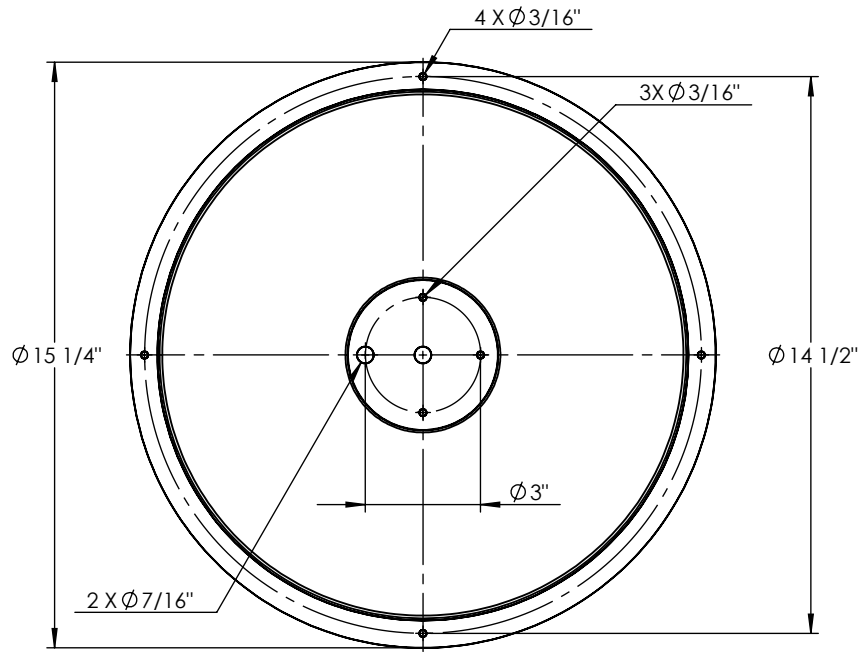
4

3

2

1

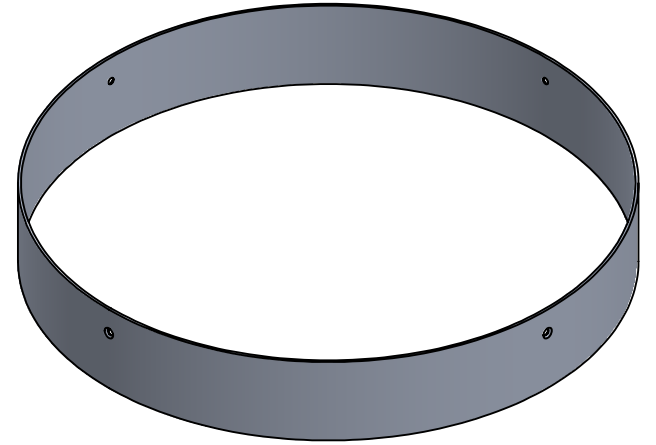
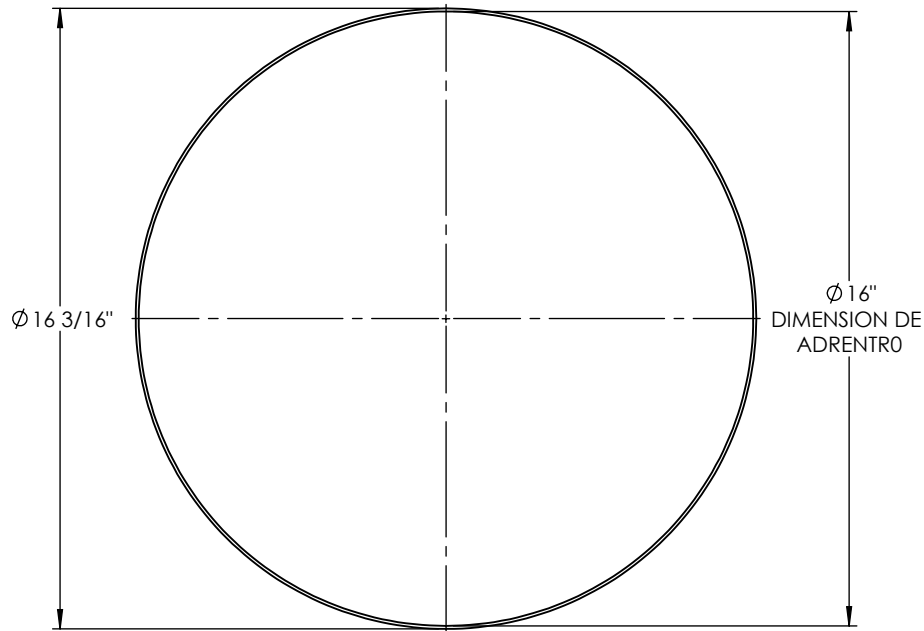
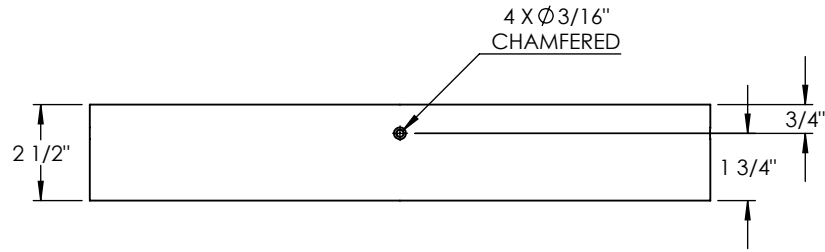
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-SPUN CONE	SPUN ALUMINUM 0.080"	1



UNLESS OTHERWISE SPECIFIED:		NAME	DATE	SPUN ALUMINUM 0.080"	
DIMENSIONS ARE IN INCHES		DRAWN		TITLE:	
TOLERANCES:		CHECKED		VIR-20MD-42-16-L36-TMN-1-A-CBPLT	
FRACTIONAL \pm		ENG APPR.		SIZE DWG. NO. REV	
ANGULAR: MACH \pm BEND \pm		MFG APPR.		A	
TWO PLACE DECIMAL \pm		Q.A.		SCALE: 1:5 WEIGHT: SHEET 15 OF 16	
THREE PLACE DECIMAL \pm		COMMENTS:			
INTERPRET GEOMETRIC TOLERANCING PER:					
MATERIAL					
FINISH					
APPLICATION					
DO NOT SCALE DRAWING					

PROPRIETARY AND CONFIDENTIAL
 THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	VIR-20MD-42-16-L36-TMN-1-A-CBPLT-TUBE SLEEVE	SPUN ALUMINUM 0.080"	1



UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR: MACH ± BEND ±
TWO PLACE DECIMAL ±
THREE PLACE DECIMAL ±

INTERPRET GEOMETRIC
TOLERANCING PER:

MATERIAL

FINISH

DO NOT SCALE DRAWING

NAME

DATE

SPUN ALUMINUM 0.080"

TITLE:

VIR-20MD-42-16-L36-TMN-1-A-CBPLT

SIZE
A

DWG. NO.

REV

SCALE: 1:5

WEIGHT:

SHEET 16 OF 16

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF <INSERT COMPANY NAME HERE>. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF <INSERT COMPANY NAME HERE> IS PROHIBITED.

NEXT ASSY

USED ON

APPLICATION