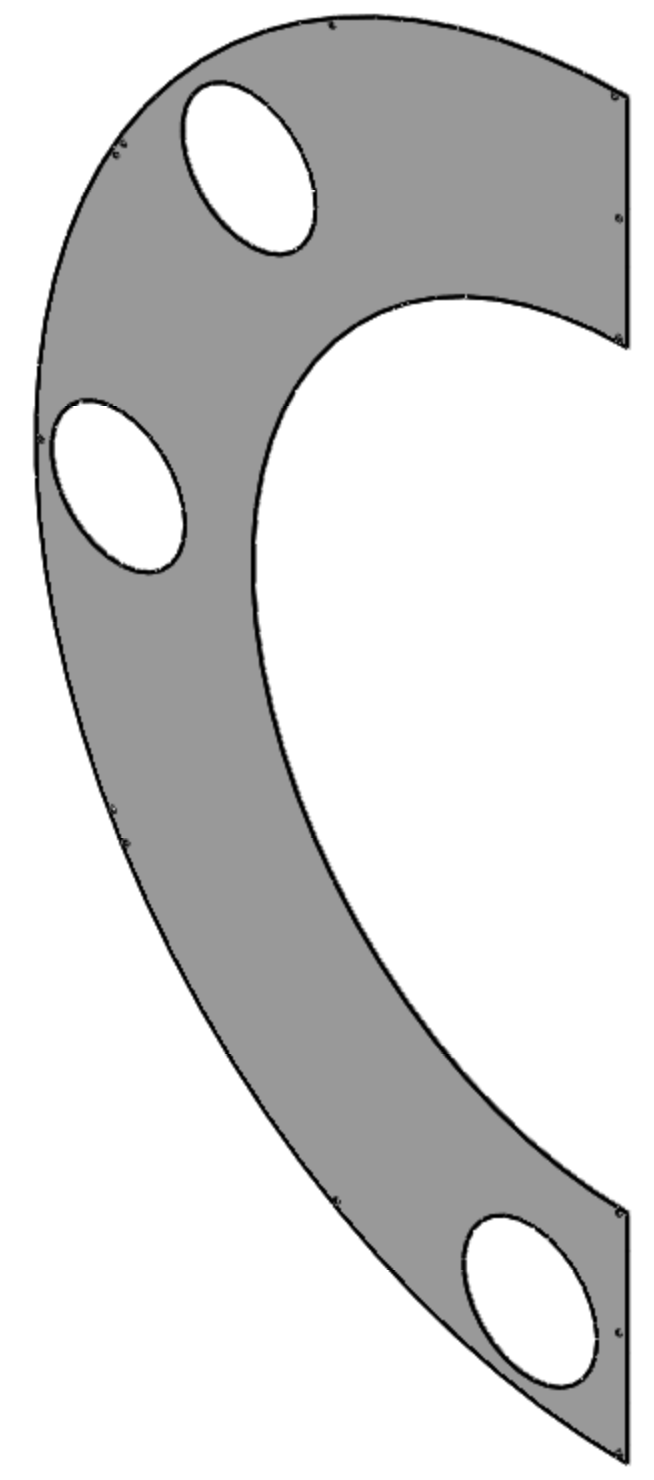
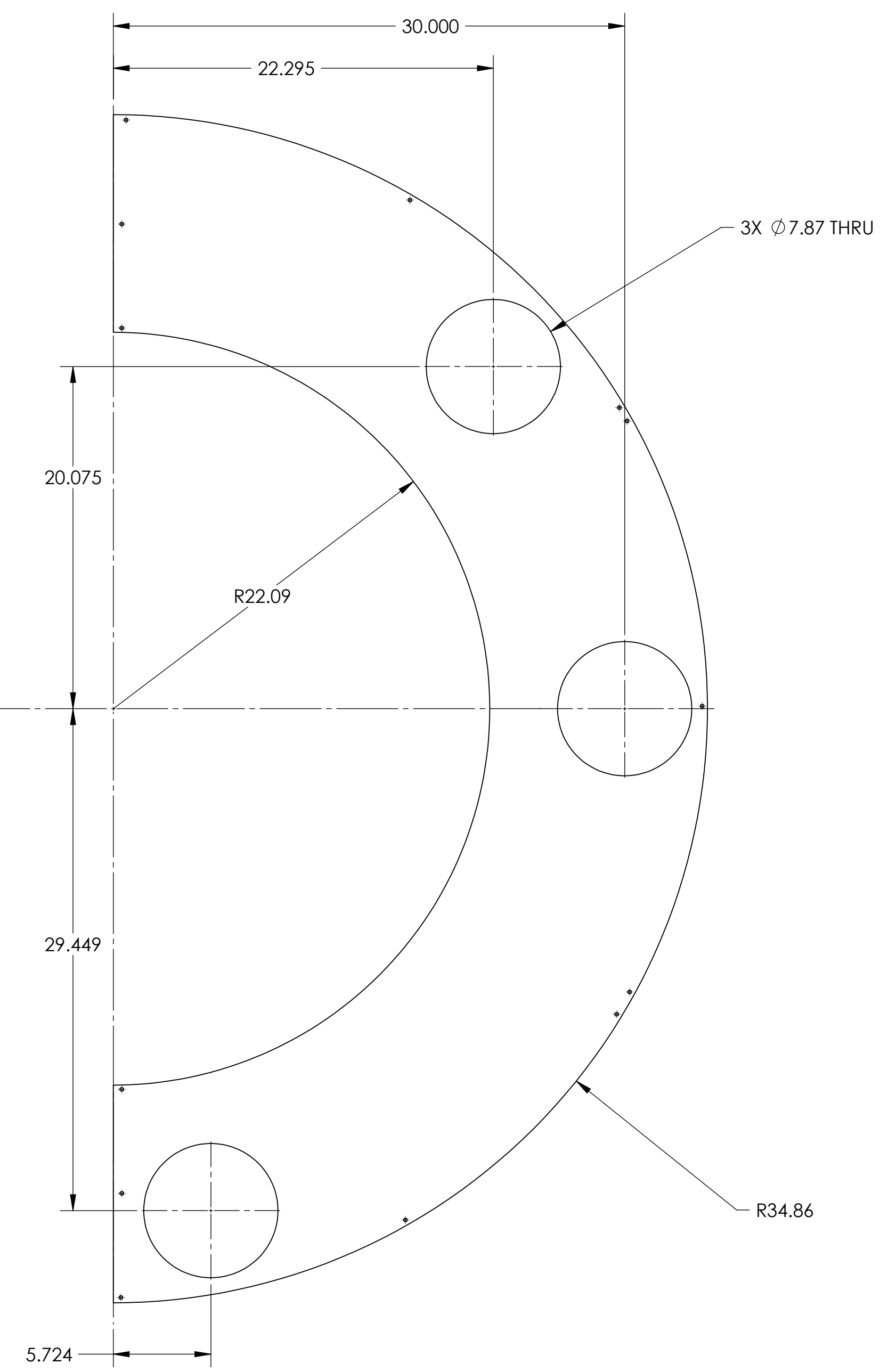
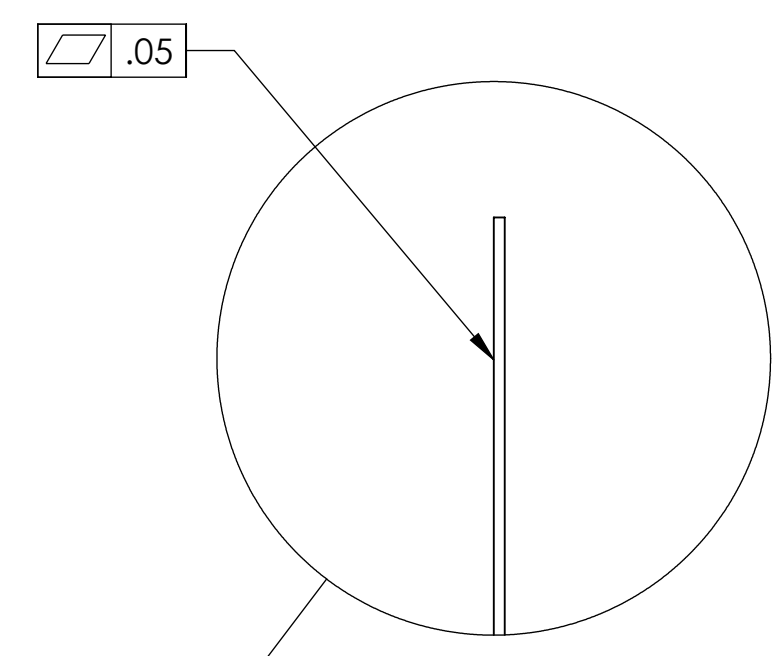
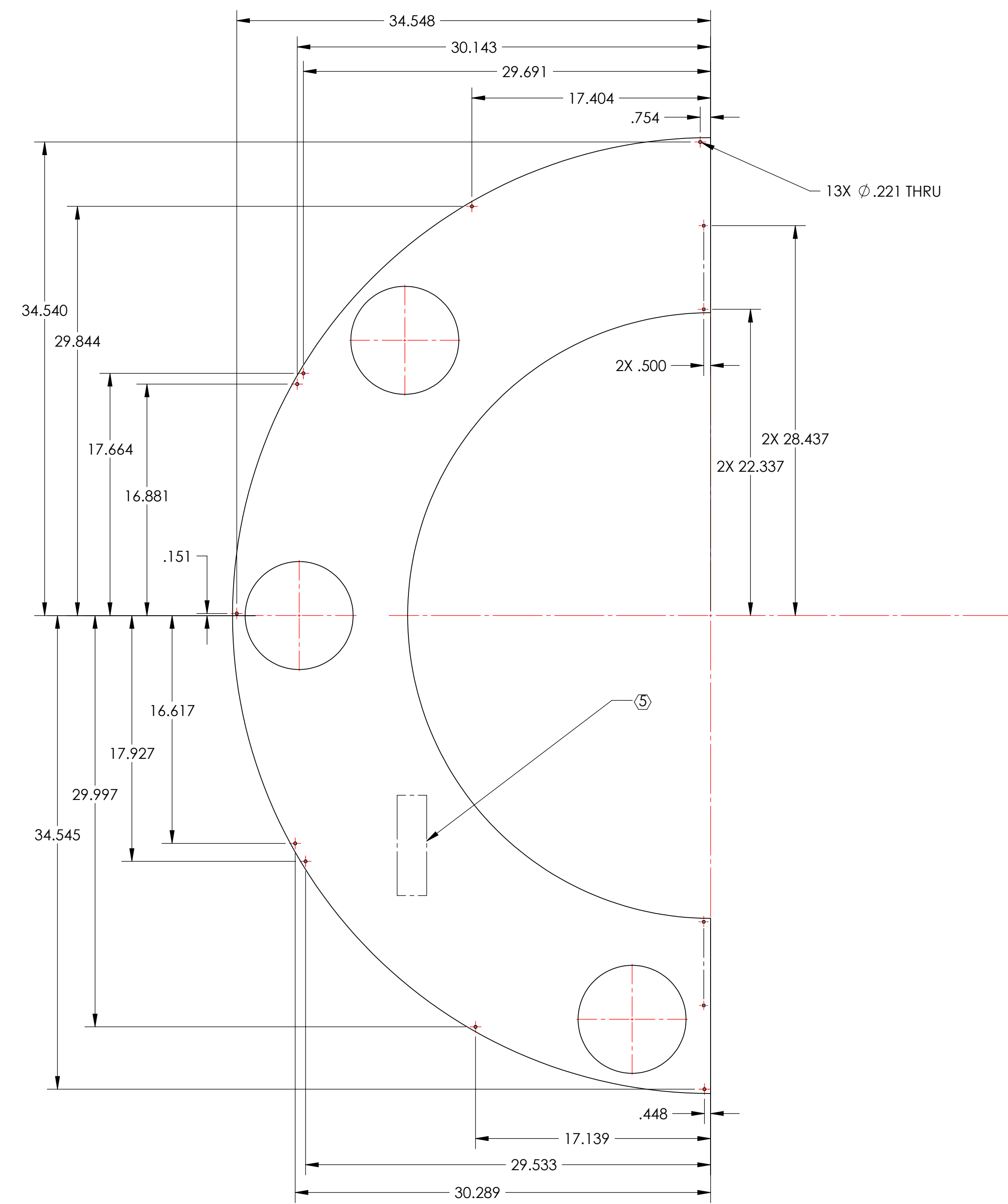


NOTES CONTINUED:
 5. MACHINE PART NUMBER, REVISION, AND SERIAL NUMBER .020 DEEP WITH MINIMUM CHARACTER HEIGHT .156 APPROXIMATELY WHERE SHOWN. SERIAL NUMBER WILL START AT 001 AND PROCEED CONSECUTIVELY. EXAMPLE: D100XXXX-v1 S/N 001
 6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
 7. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NOT WELD REPAIRS OR PLUGS) UNLESS APPROVED IN ADVANCE IN WRITING BY LIGO. REFER TO LIGO-E0900364.
 8. NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. IN GENERAL WELD REPAIRS AND PRESS FIT INSERT REPAIRS ARE NEVER ACCEPTABLE; THE MATERIAL SHOULD BE MADE WITH VIRGIN MATERIAL. SPECIAL CIRCUMSTANCES CAN BE REVIEWED IF / WHEN BROUGHT TO THE ATTENTION OF LIGO CONTRACTING OFFICER'S REPRESENTATIVE (COTR) THROUGH A MATERIAL REVIEW BOARD (MRB) PROCESS. REFER TO LIGO-E0900364.

9. SURFACE FINISH TO BE PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
 10. PART WILL BE PORCELAIN COATED AFTER FABRICATION. ALL MOUNTING HOLES WILL BE MASKED PRIOR TO PORCELAIN COATING PER LIGO SPEC E1000083-V4.
 11. PART WILL BE PORCELAIN COATED PER LIGO SPECIFICATION E1000083 AFTER FABRICATION. THE INDICATED HOLES WILL BE MASKED PRIOR TO PORCELAIN COATING TO APPROXIMATELY 2.5-3X HOLE DIAMETER CENTERED ON BOTH SIDES OF THE HOLE.
 12. DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.
 13. BEND RADIUS: UNLESS OTHERWISE NOTED, THE BEND RADIUS SHOULD BE THE MINIMUM REQUIRED TO FORM WITHOUT CRACKING OR REQUIRING ADDITIONAL WORK WHEN FORMING. IN PARTICULAR IF SHEET METAL IS TO BE PORCELAIN COATED, THE BEND RADIUS SHALL BE A MINIMUM OF .12" OUTSIDE RADIUS OF BEND UNLESS OTHERWISE NOTED.

REV.	DATE	DCN #	DRAWING TREE #
v1	5 OCT 2010	E1000360	E1000359-v1
v2	11 MAY 2011	E1000360-v2	-
-	-	-	-



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				PART NAME	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.				MANIFOLD-CRYO BAFFLE HALF FACE PLATE, ITM H1-H2	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .03 .XXX ± .010 ANGULAR ± 0.5°				D0902657	
MATERIAL 18GA A424 TYPE I STEEL		FINISH (9)		SCALE: 1:6	
SYSTEM ADVANCED LIGO		SUB-SYSTEM AOS		PROJECTION:	
NEXT ASSY D1002061		DESIGNER H. KELMAN		DATE 17 MAY 2010	
		DRAFTER TQ. NGUYEN		DATE 18 AUG 2010	
		CHECKER M. SMITH		DATE 27 SEP 2010	
		APPROVAL D. COYNE		SIZE D	
				DWG. NO. D0902657	
				REV. v2	
				SHEET 1 OF 1	

D0902657.dwg; Manifold_Cryo_Baffle_half_Face_Plate_ITM_H1-H2_PART_PDM_REV: X-030; DRAWING_PDM_REV: X-017