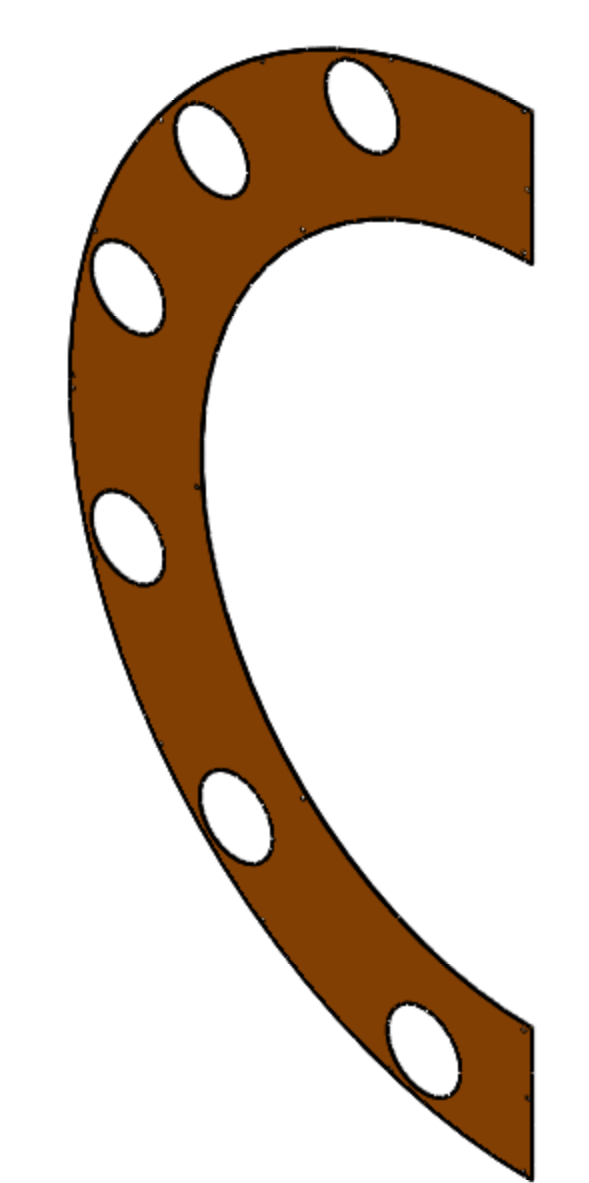
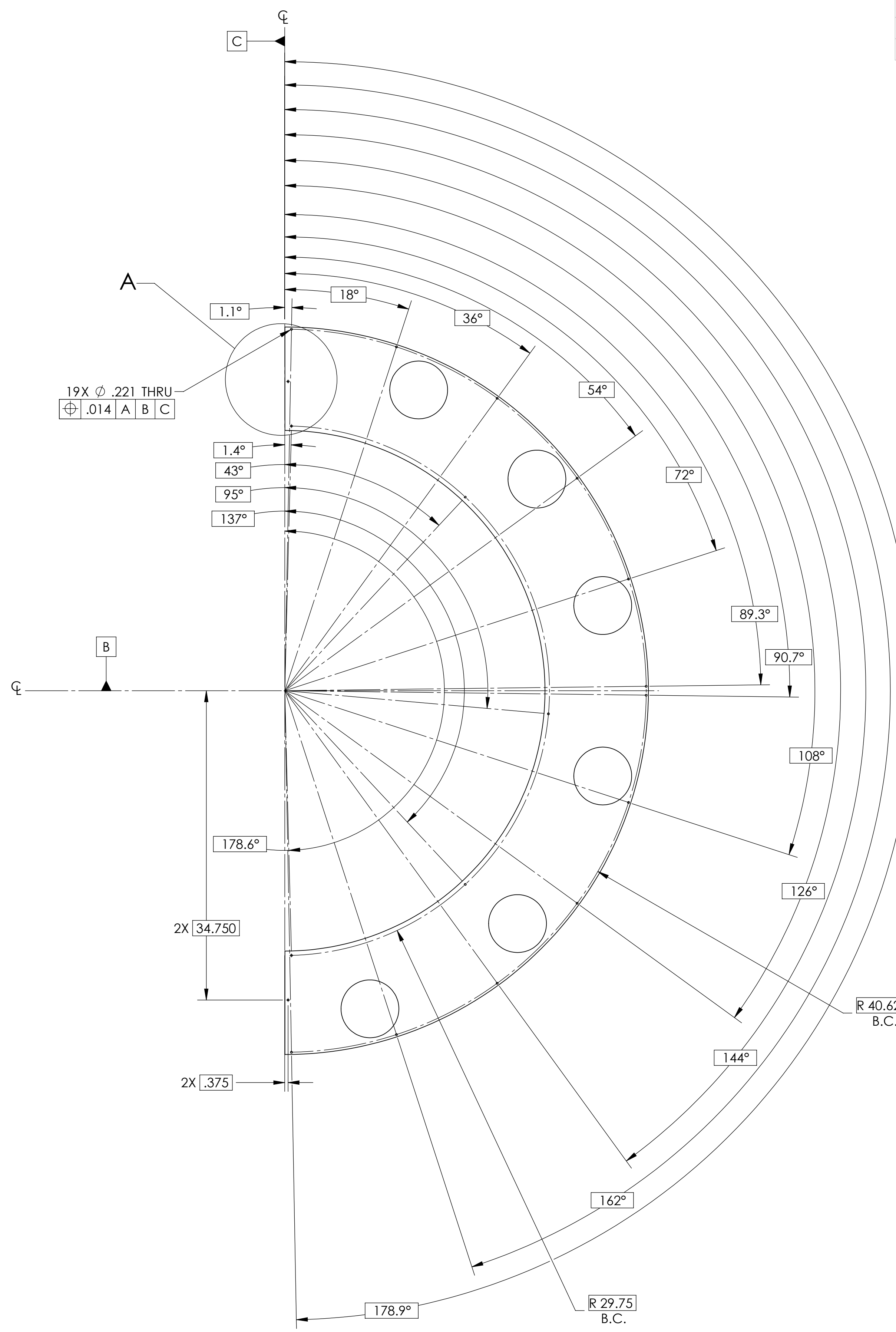
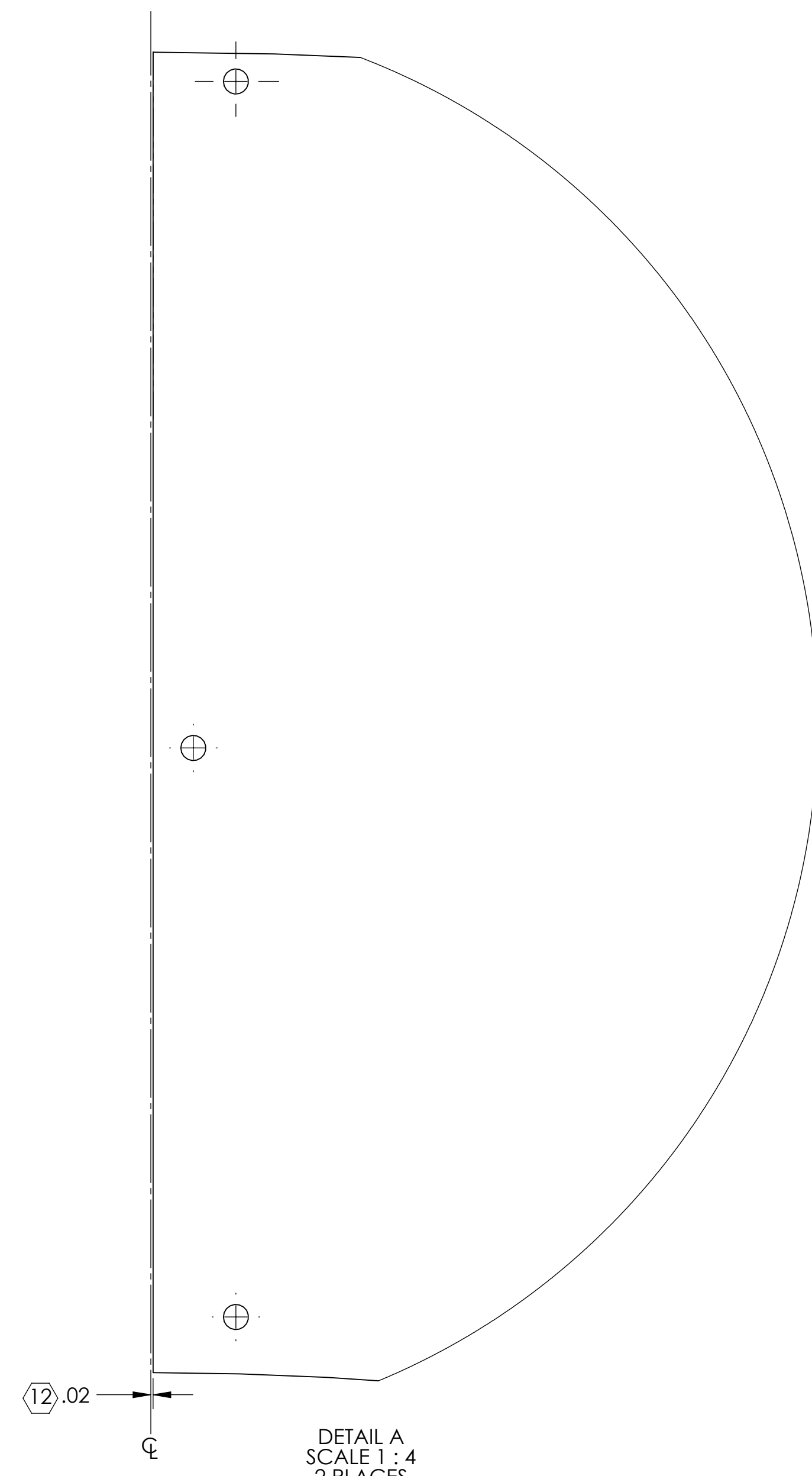


NOTES: UNLESS OTHERWISE SPECIFIED

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES AND BURRS AND ROUND EDGES APPROXIMATELY R.02.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINE FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE PER LIGO DOCUMENT E0900237.
- ⑤ MECHANICALLY STAMP (NO INKS OR DYES) 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 SPEC E0900364.
7. ALL MATERIAL IS TO BE VIRGIN MATERIAL (I.E. NO WELD REPAIRS OR PLUGS) UNLESS APPROVED IN ADVANCE, IN WRITING, BY LIGO PER SPECIFICATION E0900364.
- ⑧ SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
- ⑨ 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.
10. DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.
- ⑪ CAREFULLY NOTE THAT THESE ANGLE ARE GREATER THAN 360°
- ⑫ PART IS NOT TRUE HALF CIRCLE.

REV.	DATE	DCN #	DRAWING TREE #
v1	19 MAY 2011	E1000822-v1	-
-	-	-	-
-	-	-	-



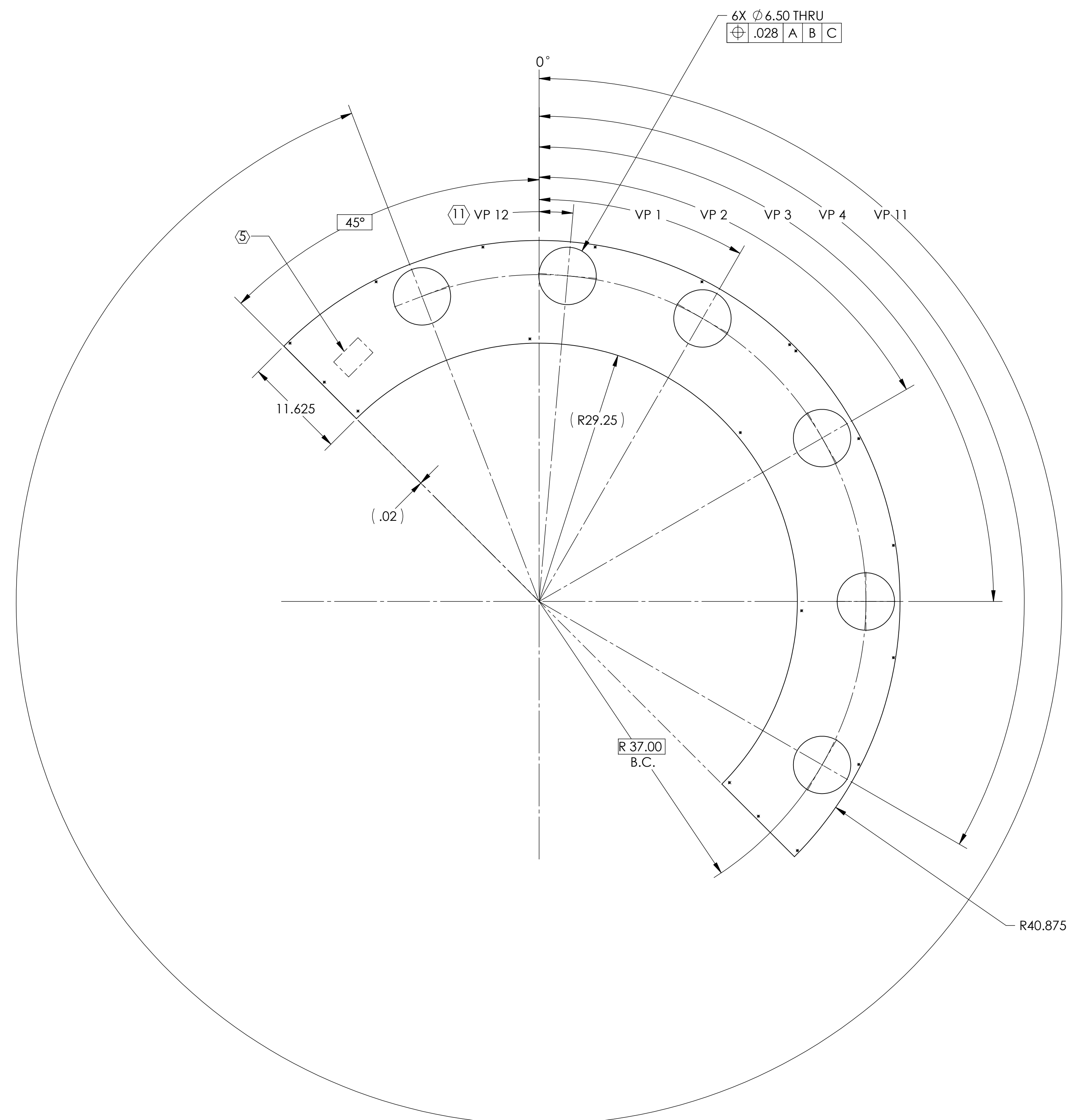
GENERAL VIEW FOR REFERENCE ONLY
NO SCALE

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME					
DIMENSIONS ARE IN INCHES				SYSTEM		MODE CLEANER BAFFLE VIEWPORT PLATE, UPPER					
TOLERANCES: .XX ± .03 .XXX ± .005				ADVANCED LIGO		SUB-SYSTEM		DESIGNER		TQ NGUYEN 28 OCT 2010	
ANGULAR ± 0.5°				MATERIAL		AOS		DRAFTER		N. KILPATRICK 24 NOV 2010	
18GA A424 TYPE 1 STEEL				FINISH		NEXT ASSY		CHECKER		M. SMITH	
				⑧ ⑨		D1002864		APPROVAL		D. COYNE	
								SCALE: 1:8		PROJECTION:	
								SHEET 1 OF 2		REV. v1	

D1003118_d1003118.dwg: LIGO: MC Tube Baffle Plate Upper: PART PDM REV: X-017: DRAWING PDM REV: X-036

8 7 6 5 4 3 2 1

H
G
F
E
D
C
B
A



6X Ø6.50 THRU
⊕ .028 | A | B | C

TABLE I: VIEWPORT LOCATIONS

VIEWPORT No.	MCA -00	MCB1 -01	MCB2 -02	MCB3 -03	MCB4 -04
VP 1	30°	30°	23°	30°	30°
VP 2	60°	60°	60°	60°	60°
VP 3	90°	90°	90°	90°	90°
VP 4	120°	120°	120°	120°	120°
VP11	330°	339°	330°	322°	346°
VP12	360°	365° (11)	360°	344°	368° (11)


CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE DWG. NO. REV.
D D1003118 v1

SCALE: 1:8 PROJECTION: SHEET 2 OF 2

D1003118.dwg; LIGO; Tube; Baffle; Plate; Upper; PART PDM; REV: X.017; DRAWING PDM; REV: X.036

8 7 6 5 4 3 2 1