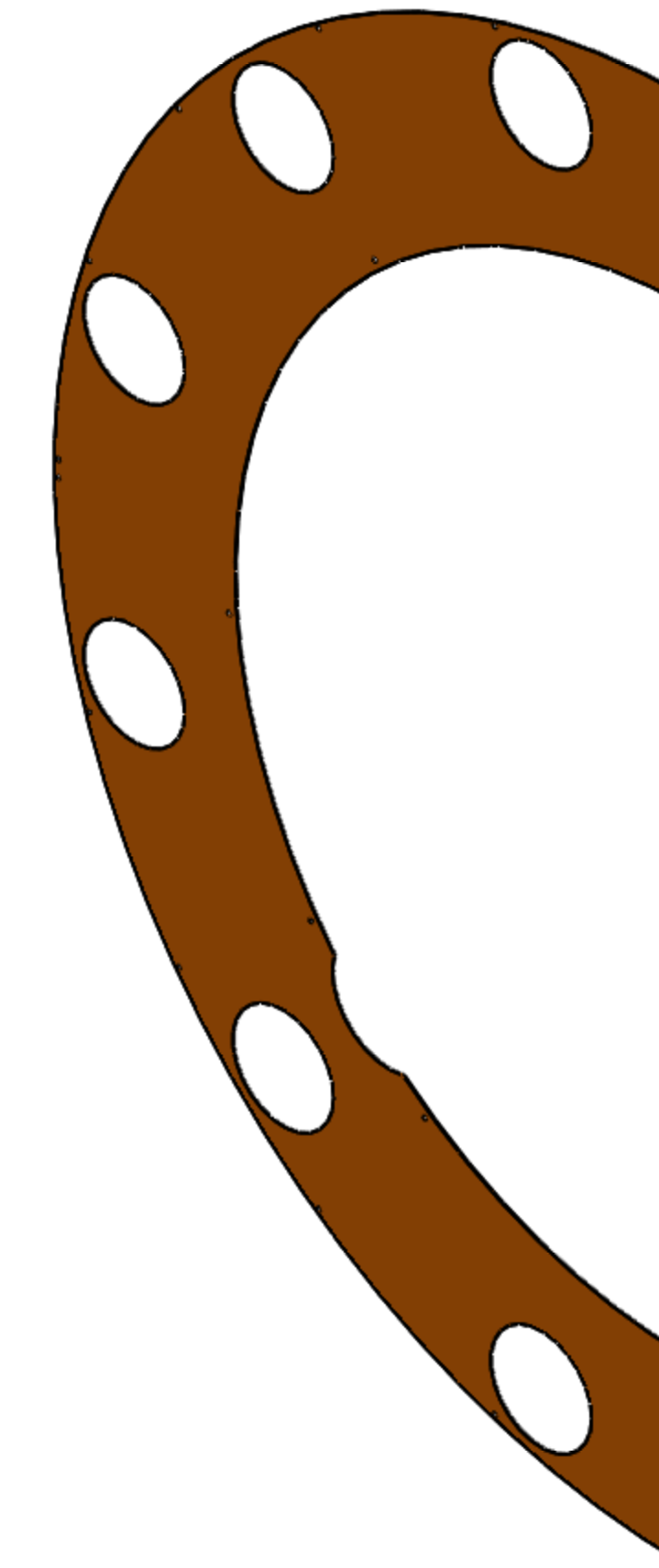
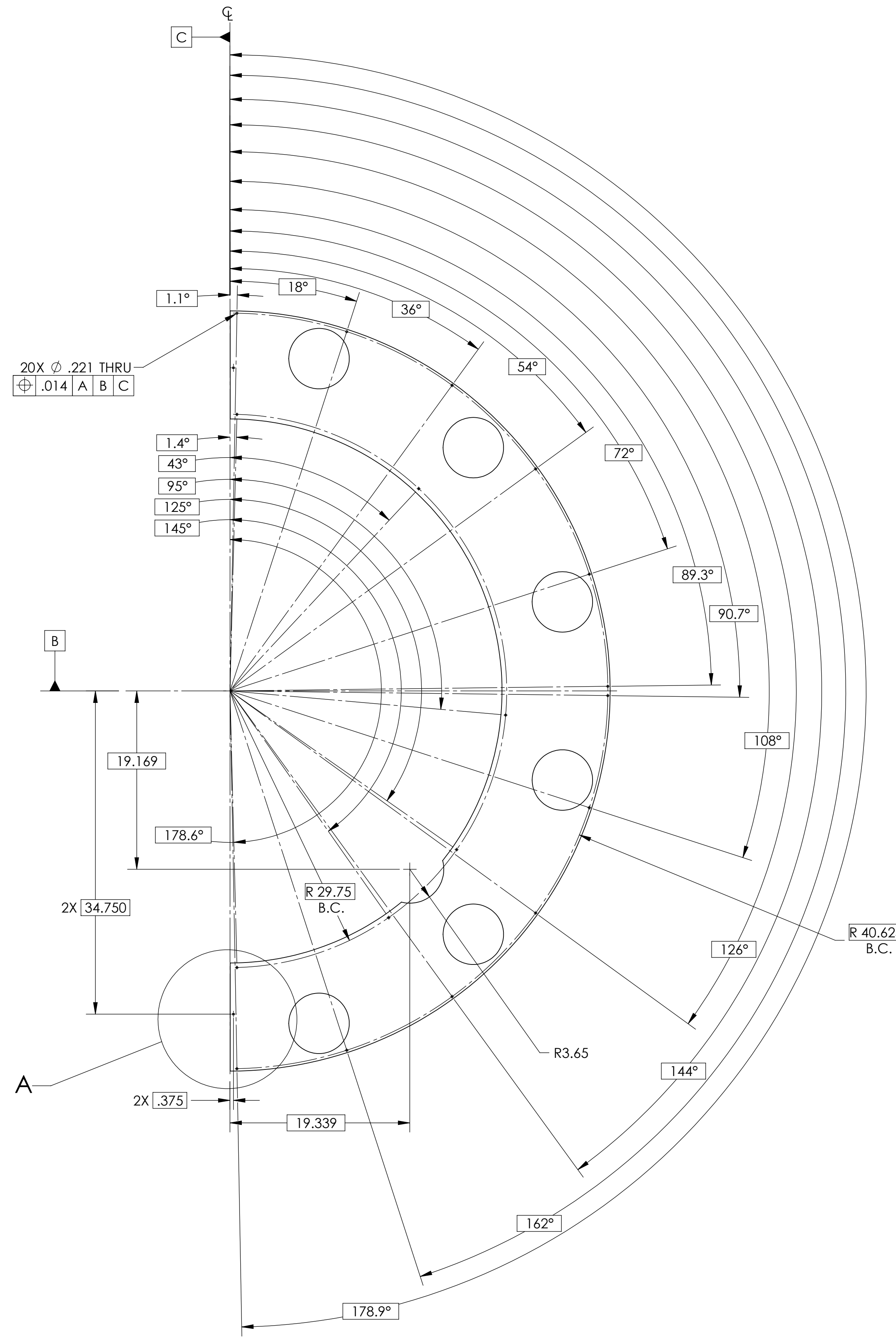
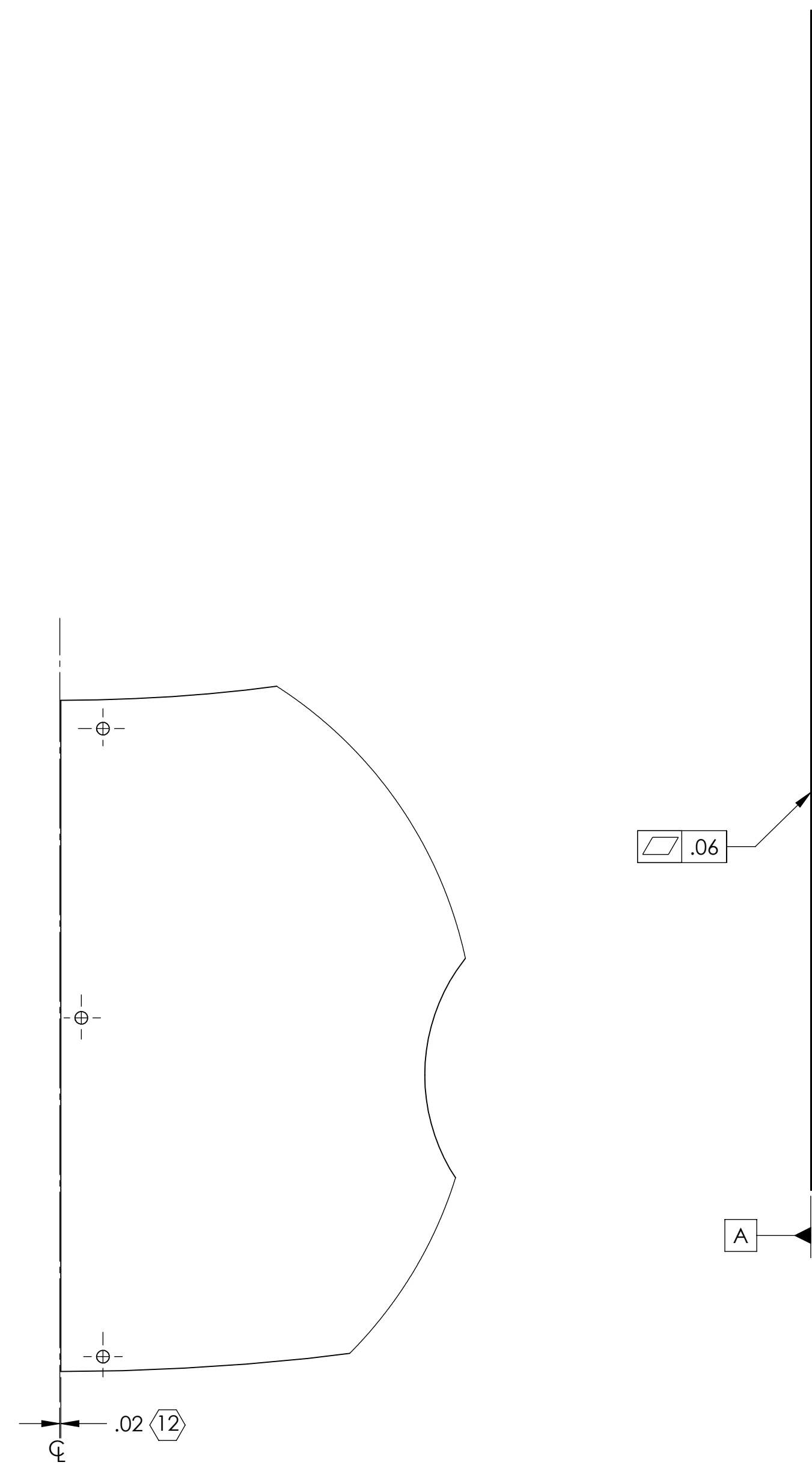


- NOTES CONTINUED:**
- 5. MECHANICALLY STAMP (NO INKS OR DYES) PART NUMBER, REVISION AND SERIAL NUMBER .020 DEEP WITH MINIMUM CHARACTER HEIGHT .156 APPROXIMATELY WHERE SHOWN. SERIAL NUMBER WILL START AT 001 AND PROCEED CONSECUTIVELY. EXAMPLE: D100XXXX-V1 S/N 001
 - 6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
 - 7. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.
 - 8. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
 - 9. PART WILL BE COMPLETELY PORCELAIN COATED PER LIGO SPECIFICATION E1000083 AFTER FABRICATION.
 - 10. DIMENSIONS APPLY BEFORE PORCELAIN COATING UNLESS SPECIFIED.
 - 11. PART IS NOT TRUE HALF CIRCLE.

| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1 | 22 JUN 2011 | E1000822 | - |
| v2 | 18 JUL 2011 | - | - |
| - | - | - | - |



| DIMENSIONS ARE IN INCHES | | TOLERANCES: | | ANGULAR ± 0.5° | |
|--------------------------|-------|-------------|--------|----------------|--|
| .XX | ± .03 | .XXX | ± .005 | | |

| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) | |
|--|--|
| 1. INTERPRET DRAWING PER ASME Y14.5-1994. | |
| 2. REMOVE ALL SHARP EDGES. FULL RADIUS ON ALL EDGES AND HOLES. | |
| 3. DO NOT SCALE FROM DRAWING. | |
| 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. | |

| | | |
|---|----------------------|------------|
| LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | ADVANCED LIGO | AOS |
| SYSTEM | SUB-SYSTEM | |
| | | |
| NEXT ASSY | D1002864 | |

| PART NAME | | DESIGNER | | DRAFTER | | CHECKER | | APPROVAL | | SCALE: 1:8 | | PROJECTION: | | SHEET 1 OF 2 | |
|------------------------------|--|------------|-------------|------------|-------------|----------|--|----------|--|------------|--|-------------|--|--------------|--|
| TUBE BAFFLE PLATE_UPPER-MCA1 | | TQ. NGUYEN | 17 JUN 2011 | TQ. NGUYEN | 22 JUN 2011 | M. SMITH | | D. COYNE | | | | | | | |
| DWG. NO. D1101150 | | REV. v2 | | D | | | | | | | | | | | |

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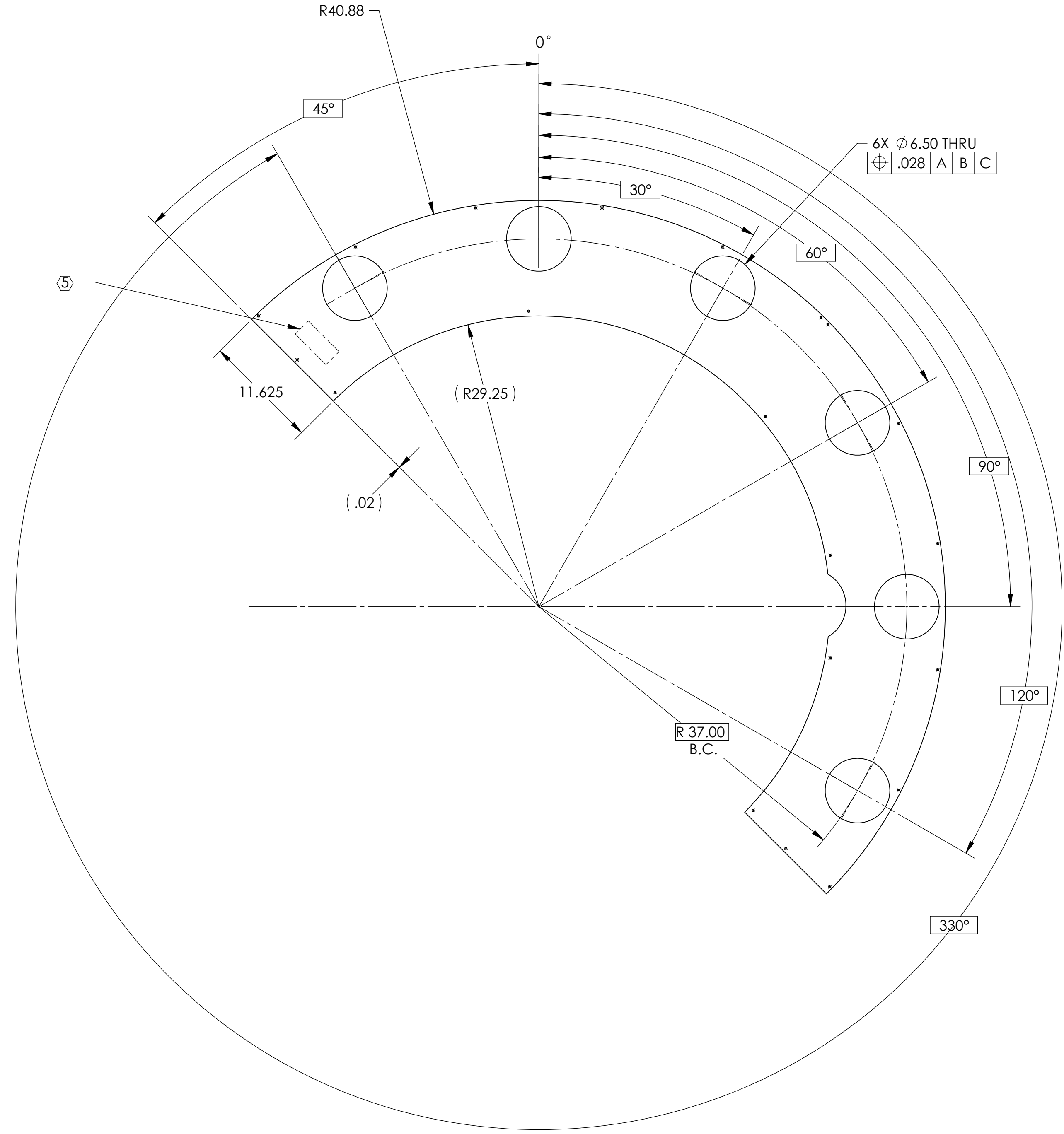
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| | |
|---|--|
| LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | |
| SIZE DWG. NO. | REV. |
| D D1101150 | v2 |
| SCALE: 1:8 | PROJECTION:  SHEET 2 OF 2 |

D:\101150_d1101150_MC_Tube_Baffle_Plate_Upper_MC.A1.PART.PDM.REV.X.010.DRAWING.PDM.REV.X.010