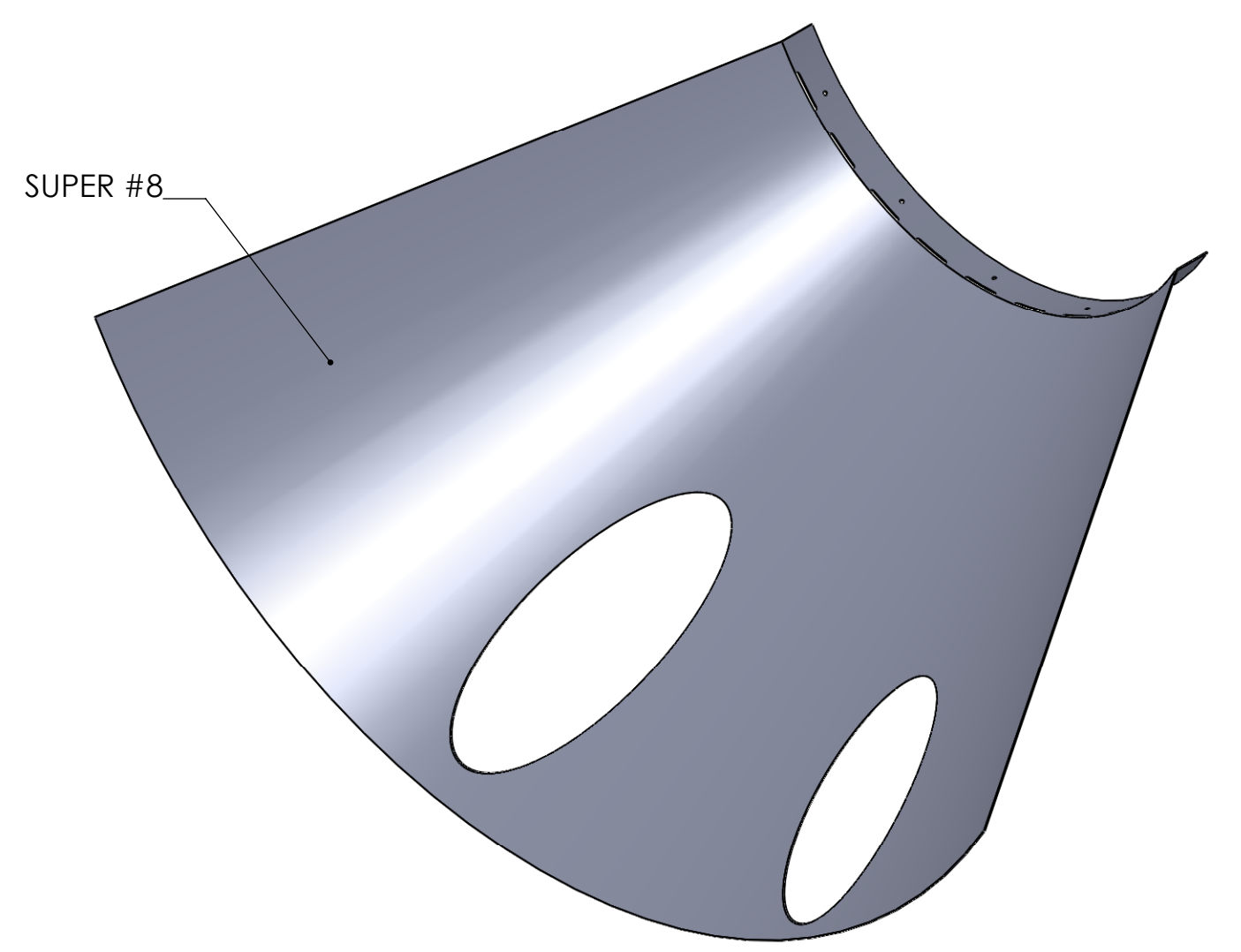
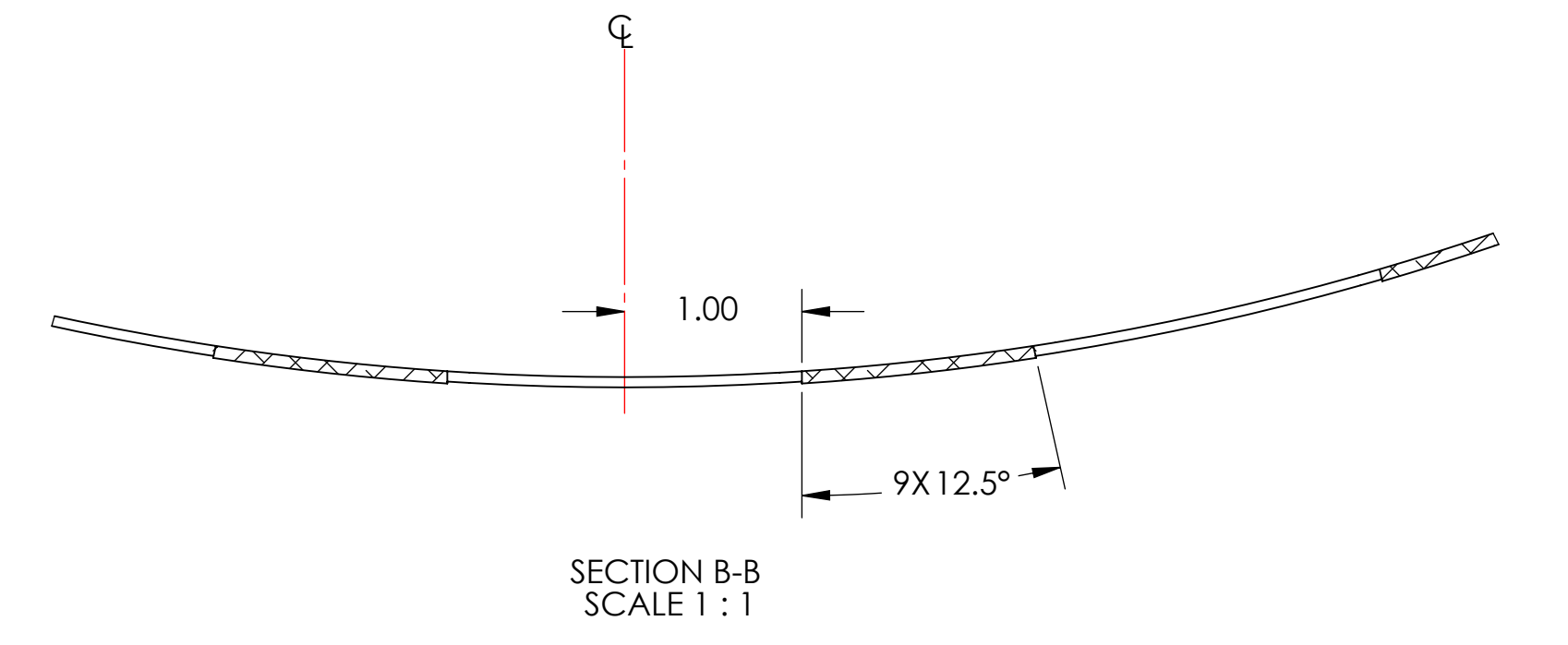
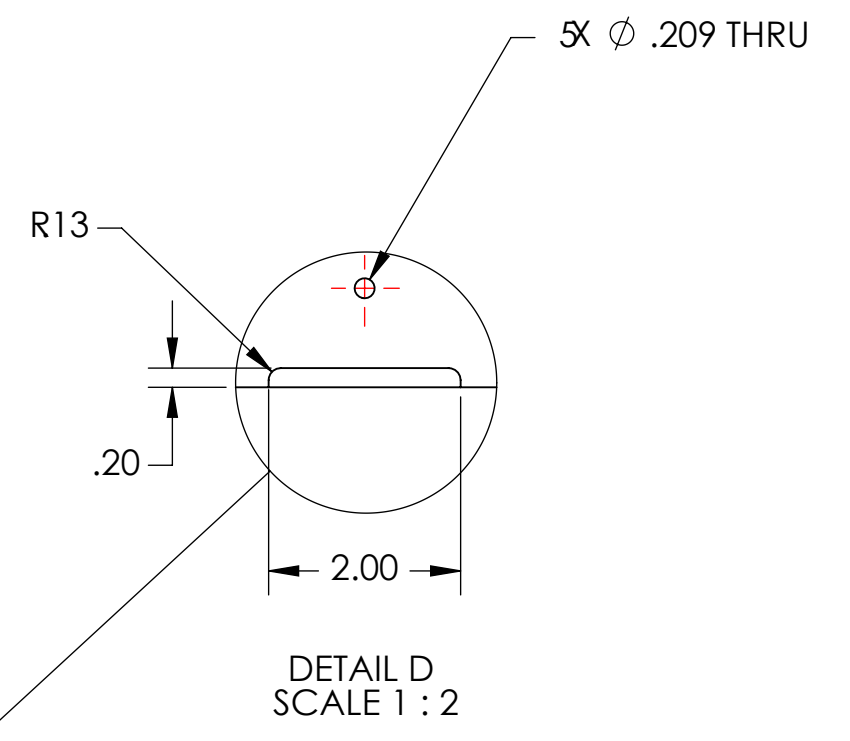
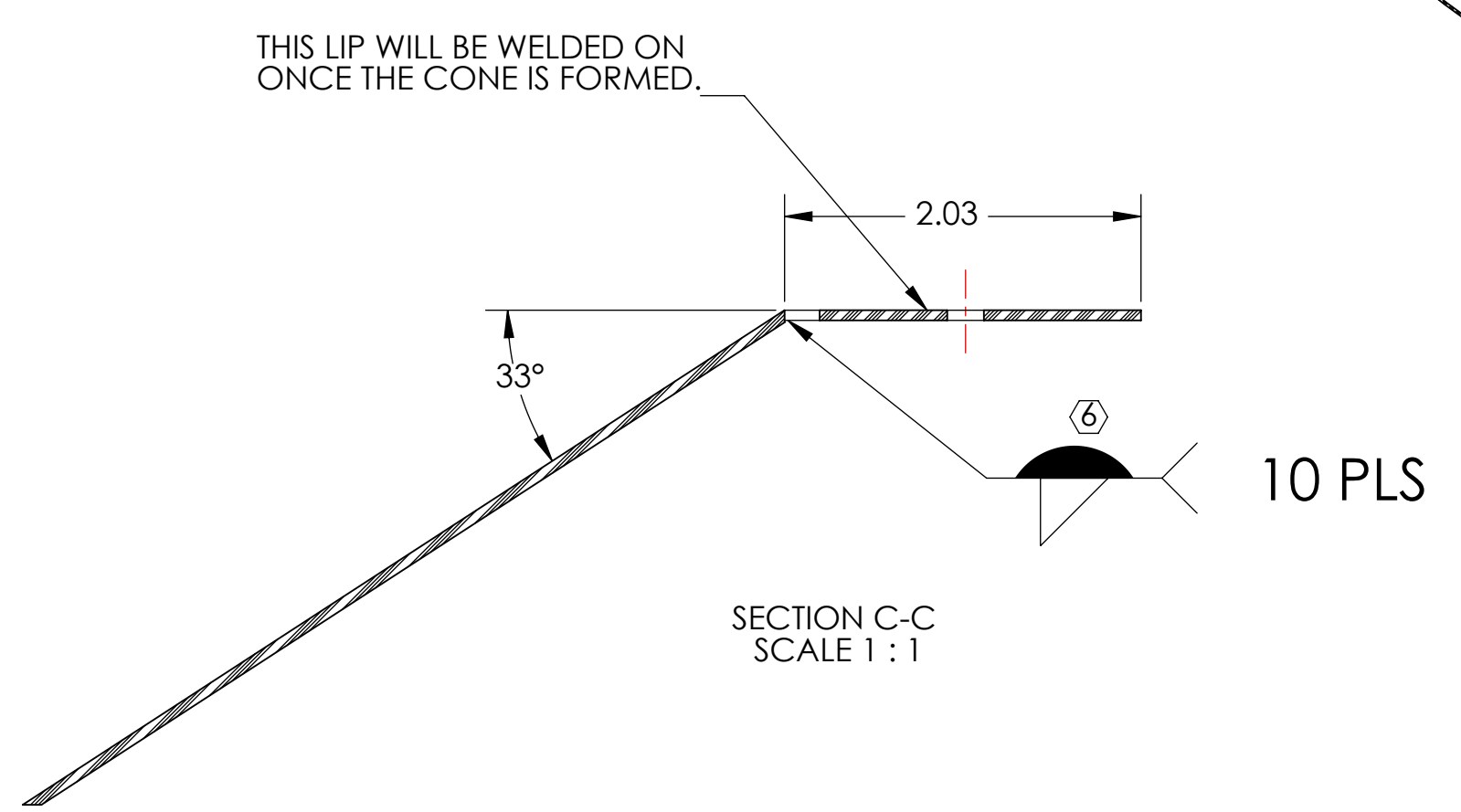
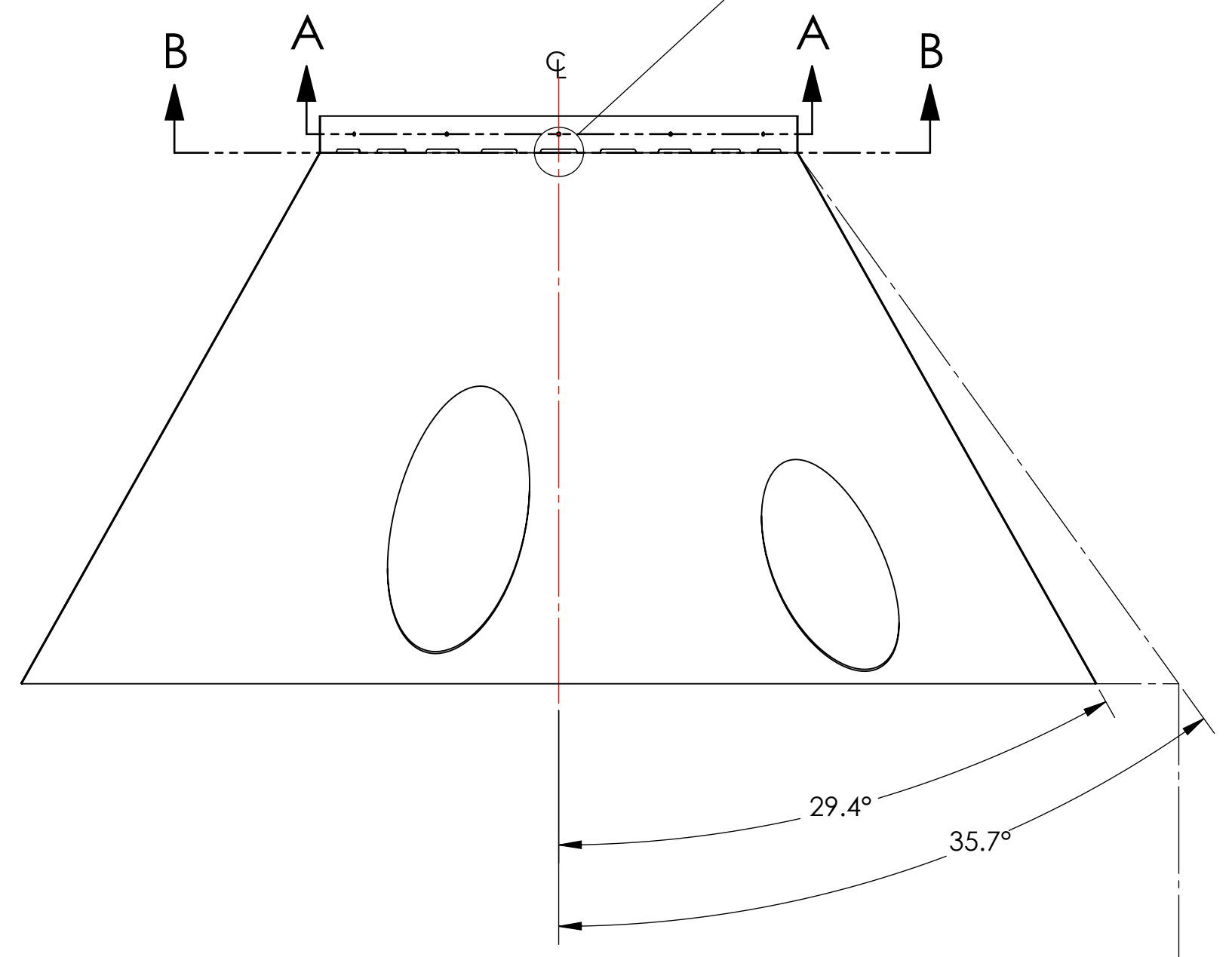


- NOTES CONTINUED:**
- ③ SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), DO NOT STAMP OR LASER MARK (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX DO NOT APPLY MARK ON SUPER #8 SIDE
 - ④ CONE AND LIP TO BE WELDED WHERE PIECES MAKE CONTACT. WELD MUST BE PER SPECIFICATION E900048.
 - ⑦ SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
 - 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
 - 9. 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.

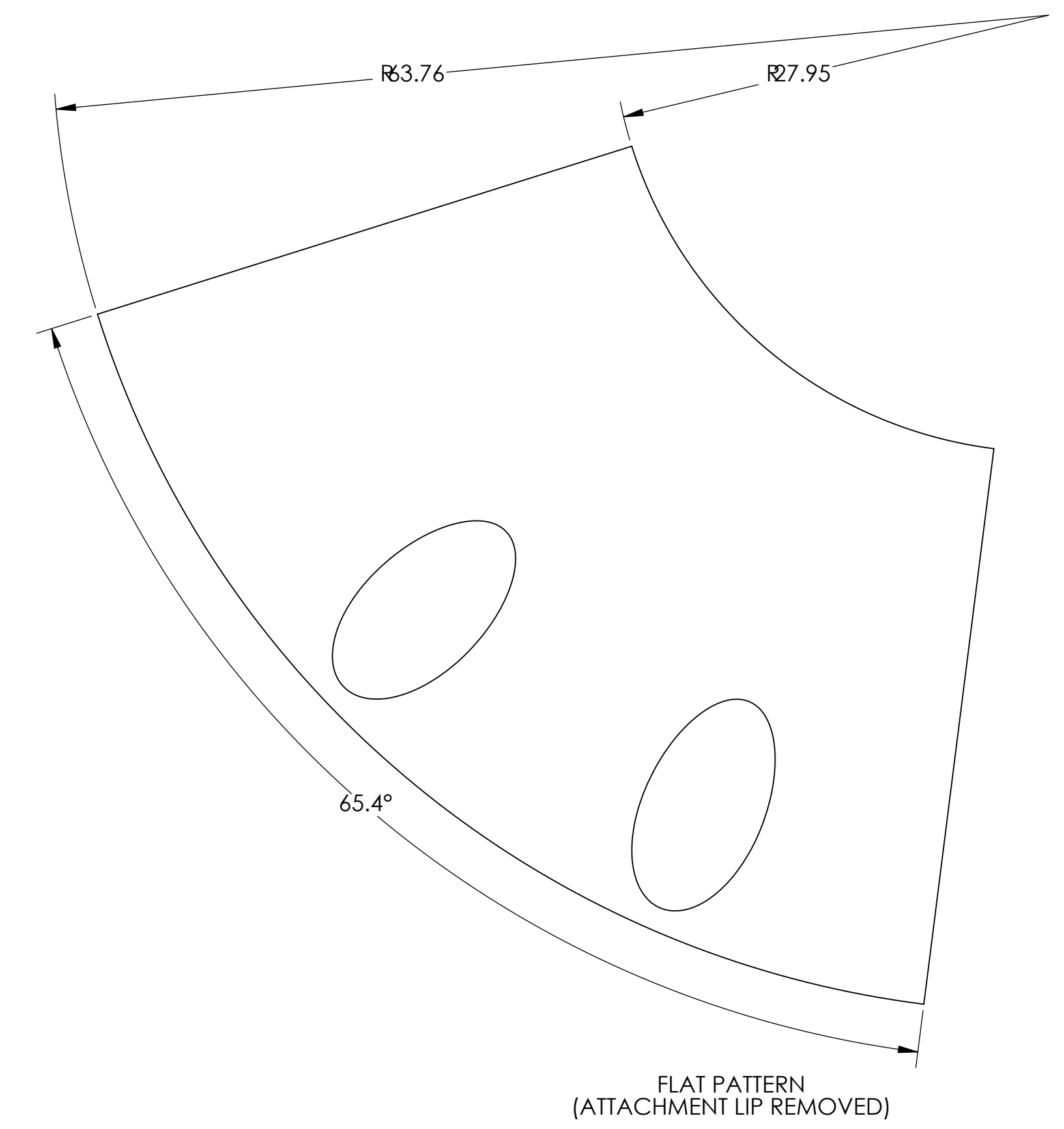
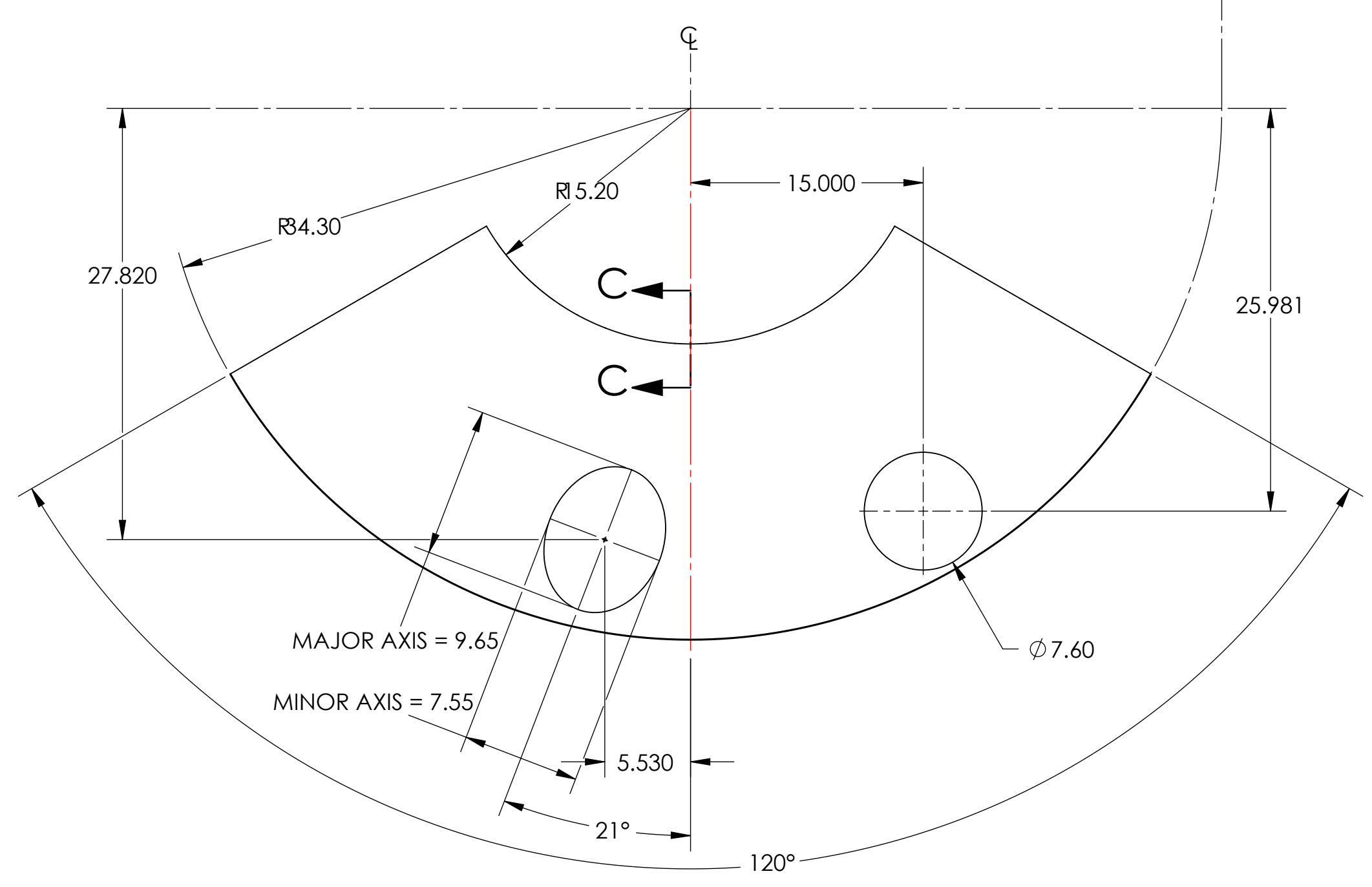
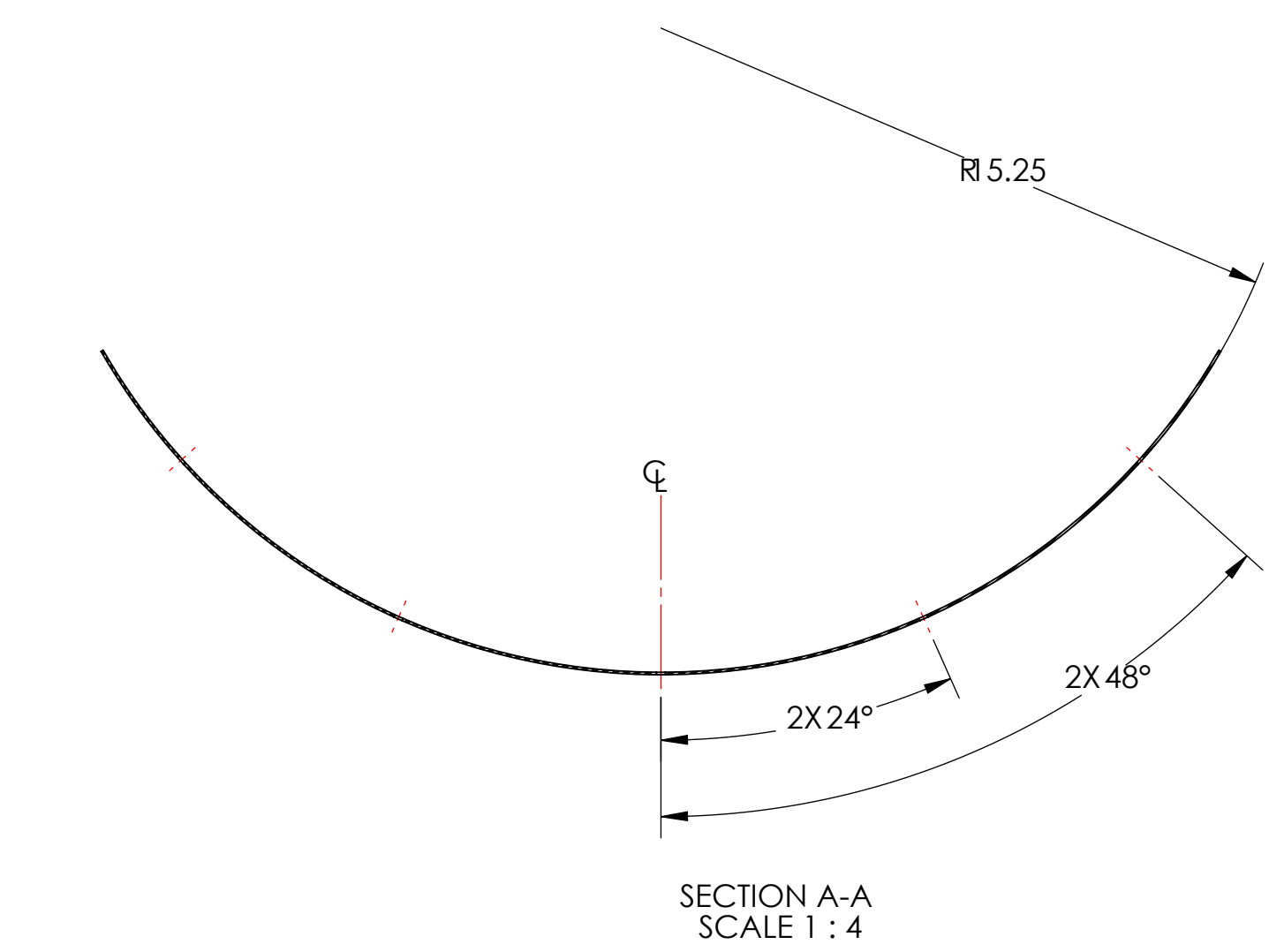
| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|-------------|----------------|
| V1 | 07 SEP 2010 | E1000360 | E1000090 |
| V2 | 17 OCT 2011 | E1000360-v3 | - |
| v3 | 31 OCT 2012 | - | - |



GENERAL VIEW FOR REFERENCE ONLY NO SCALE



10 PLS



THIS PIECE IS PART OF A WELDMENT. DIMENSIONS SHOWN ARE APPROXIMATE; WELD INDUCED SHRINKAGE OR FILL, AND POST WELD ANNEALING AND MACHINING CONSIDERATIONS ARE NOT INCLUDED. SEE D0902656 FOR REQUIRED DIMENSIONS FOR STRUCTURE AFTER WELDMENT.

| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) | |
|--|------------|
| DIMENSIONS ARE IN INCHES | |
| TOLERANCES: .XX ± .03 .XXX ± .010 | |
| ANGULAR ± 0.5° | |
| 1. INTERPRET DRAWING PER ASME Y14.5-1994. | |
| 2. REMOVE ALL SHARP EDGES, R.02 MIN. | |
| 3. DO NOT SCALE FROM DRAWING. | |
| 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. | |
| MATERIAL | FINISH |
| 18 GAUGE 304 SSSL | ⑦ SUPER #8 |

| | | | |
|---|---------------|---|------------------------|
| CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | PART NAME MANIFOLD-CRYO BAFFLE INNER SEGMENT WELDMENT, E1M1 H1, LEFT | |
| SYSTEM | ADVANCED LIGO | SUB-SYSTEM | AOS |
| NEXT ASSY | D1003233 | DESIGNER | TQ. NGUYEN 16 DEC 2010 |
| | | DRAFTER | TQ. NGUYEN 17 AUG 2010 |
| | | CHECKER | M. SMITH |
| | | APPROVAL | D. COYNE |
| | | SIZE | D |
| | | DWG. NO. | D1003234 |
| | | REV. | v3 |
| | | SCALE: 1:8 | PROJECTION: |
| | | SHEET 1 OF 1 | |