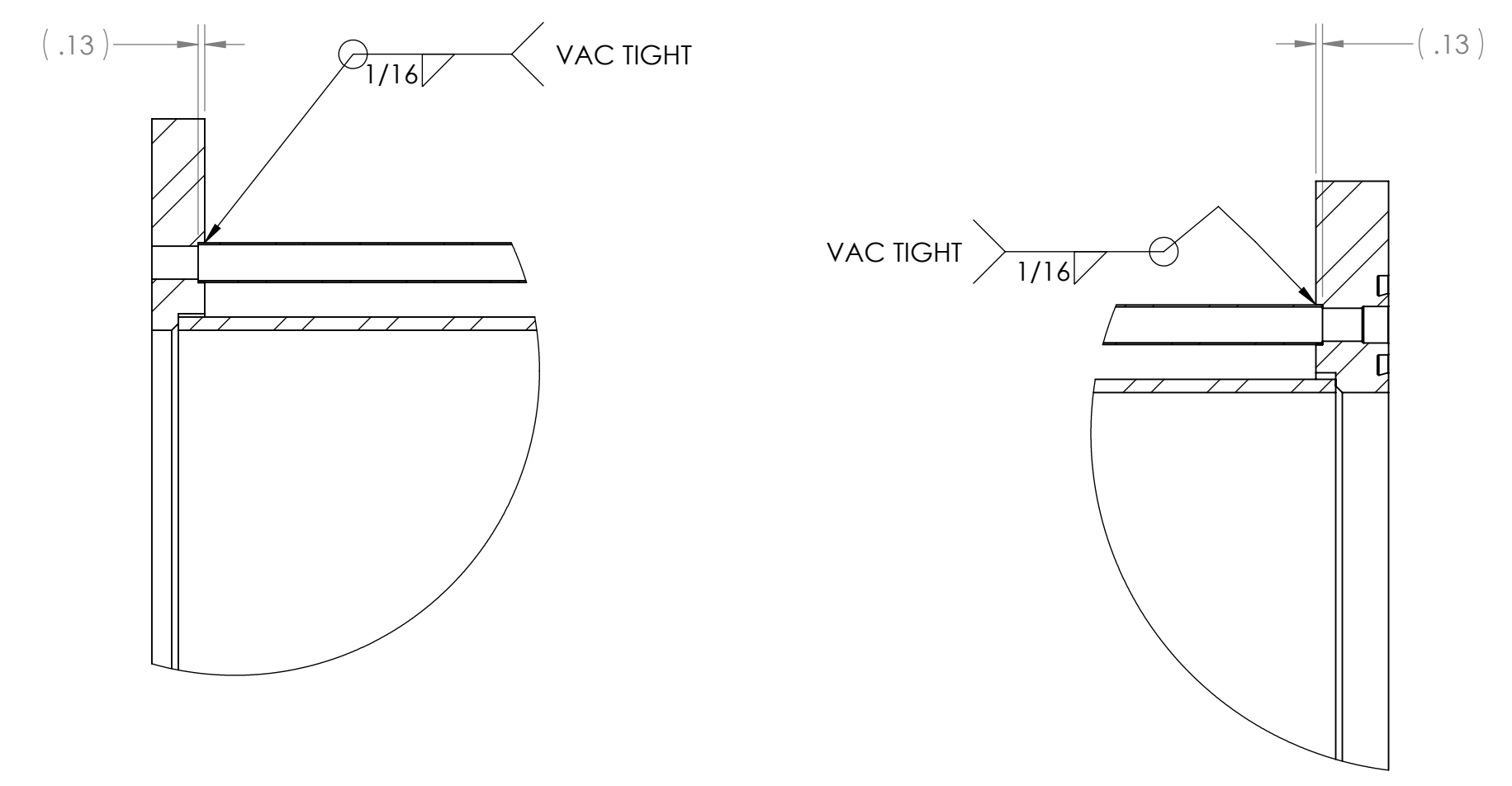


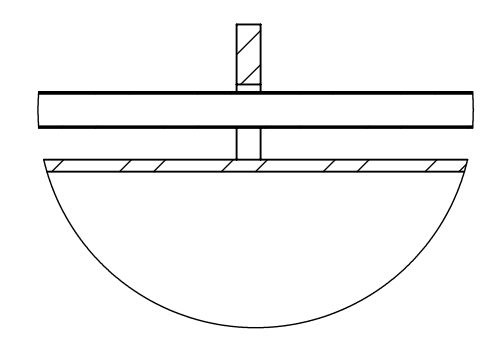
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| REVISIONS |      |   |           |          |
|-----------|------|---|-----------|----------|
| ZONE      | REV. | DESCRIPTION   | DATE      | APPROVED |
|           | A    | REVISED WELD SIZES, ADDED BRACKETS TO VIEW                                    | 8/11/2010 | MKM2     |
|           | B    | ADDED ROLL-UP OD REF., TIGHTENED BOLT CIRCLE ANGLE POSITIONS. 75.25 WAS 75.50 | 8/18/2010 | MKM2     |
|           | C    | RELEASED TO PRODUCTION  | 8/23/2010 | MKM2     |

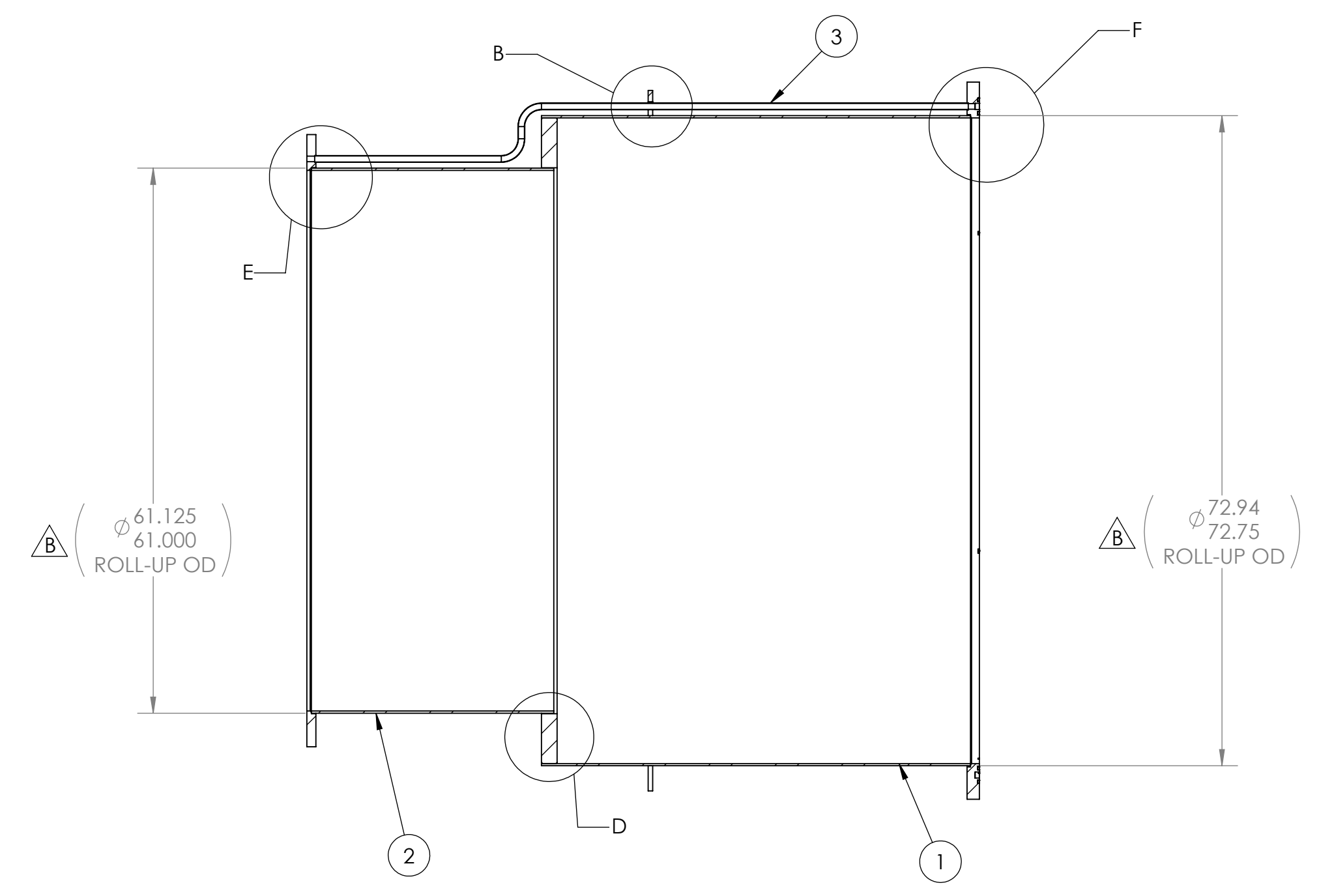


DETAIL E  
SCALE 1 : 3

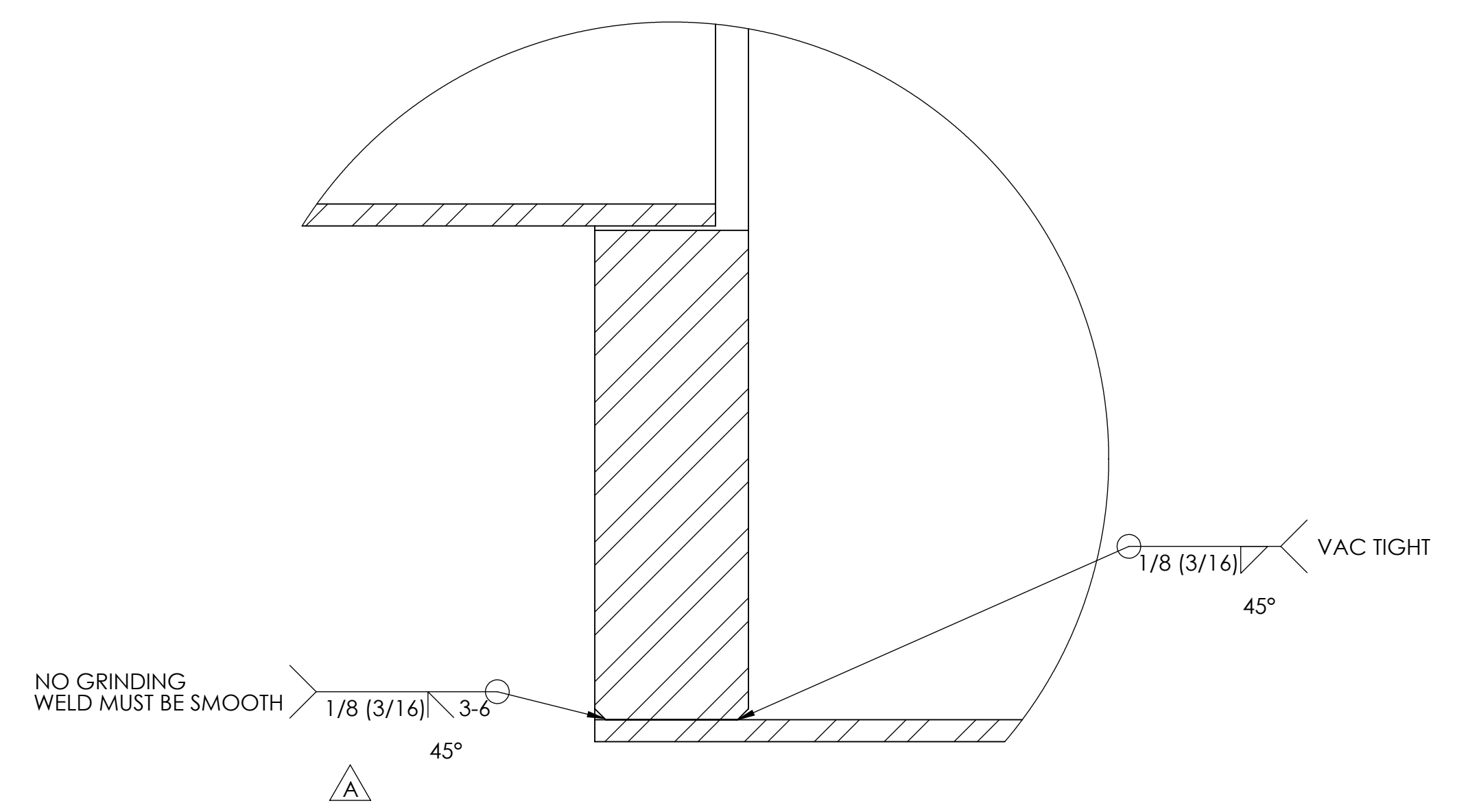
DETAIL F  
SCALE 1 : 3



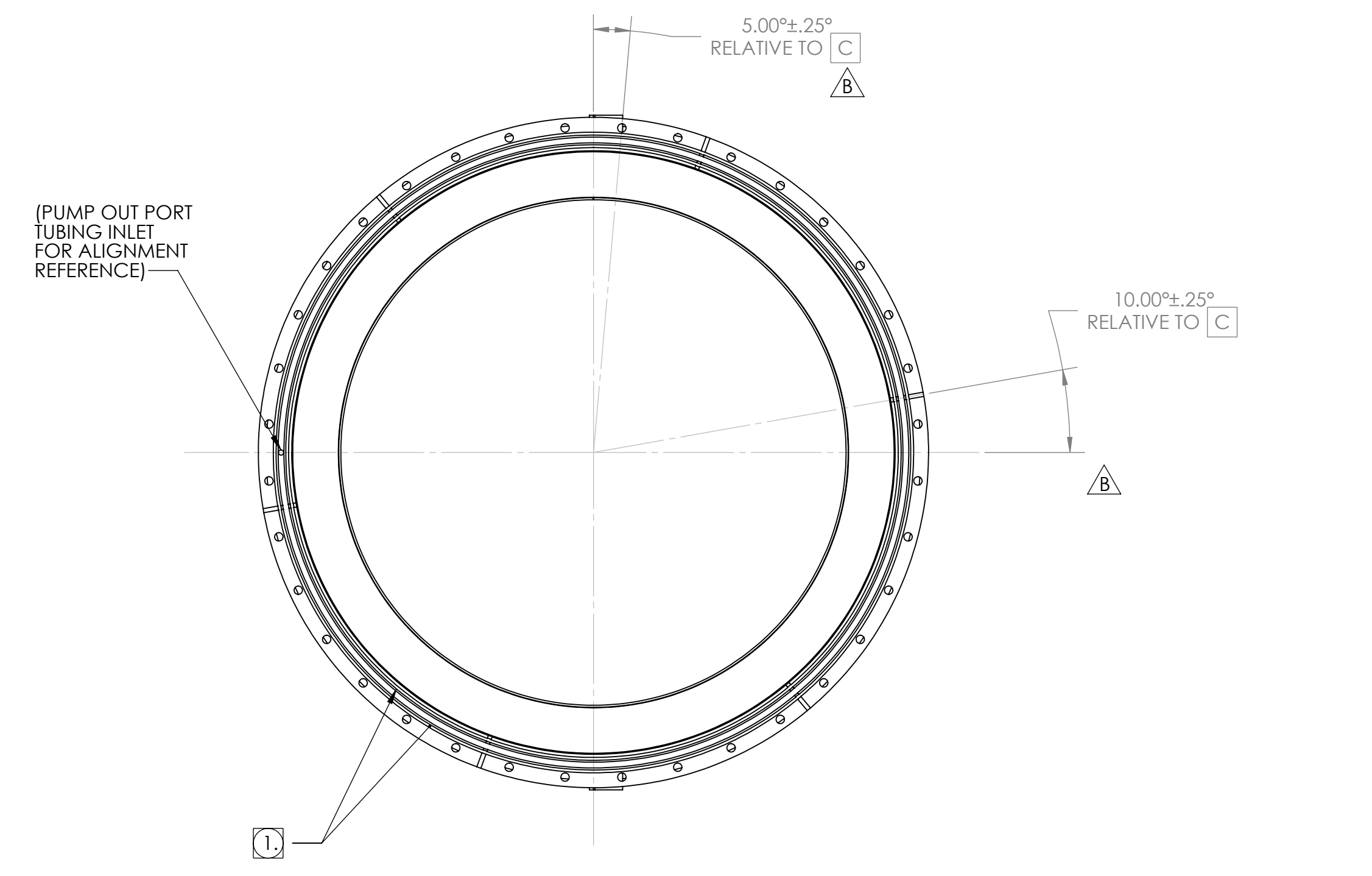
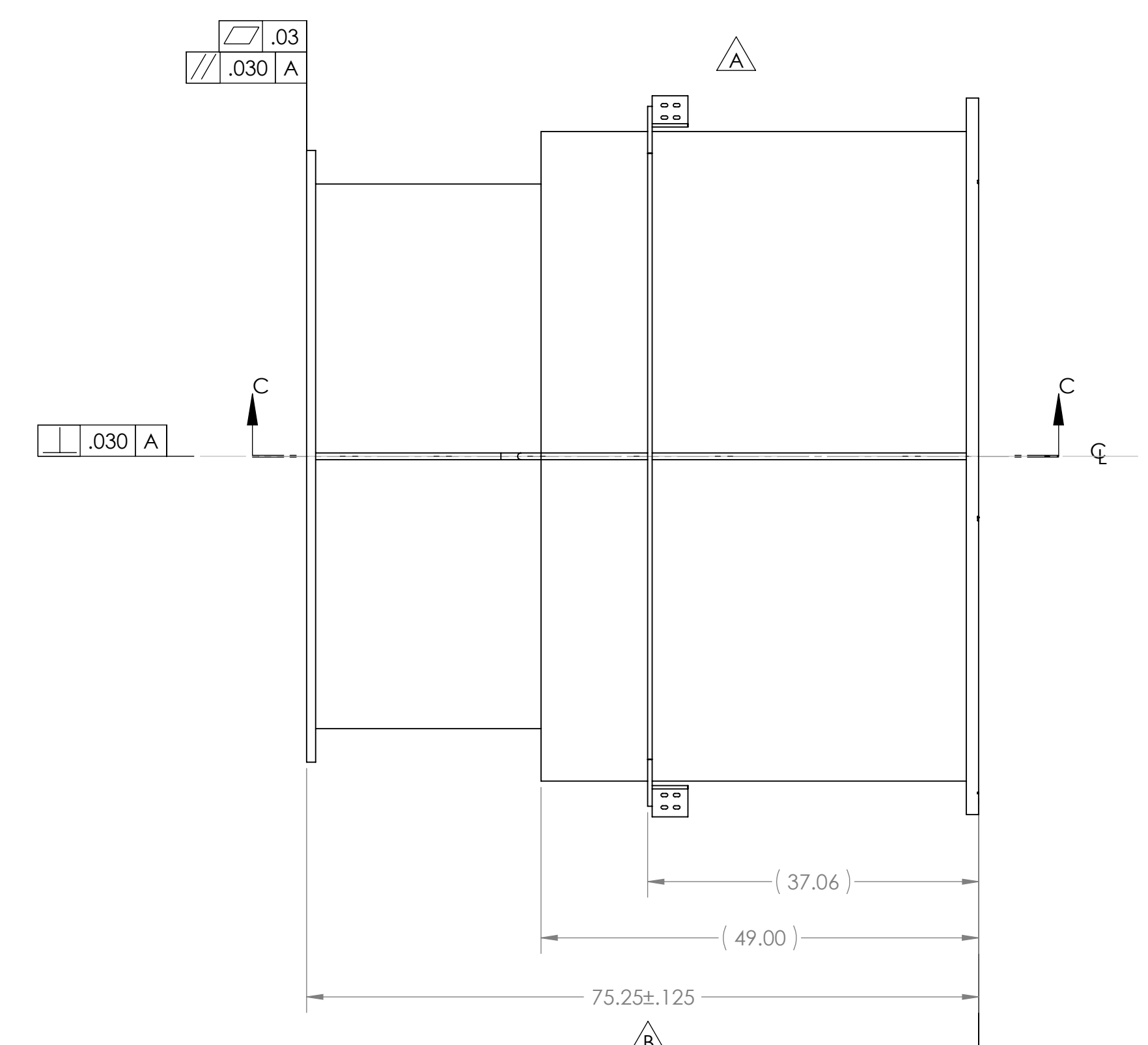
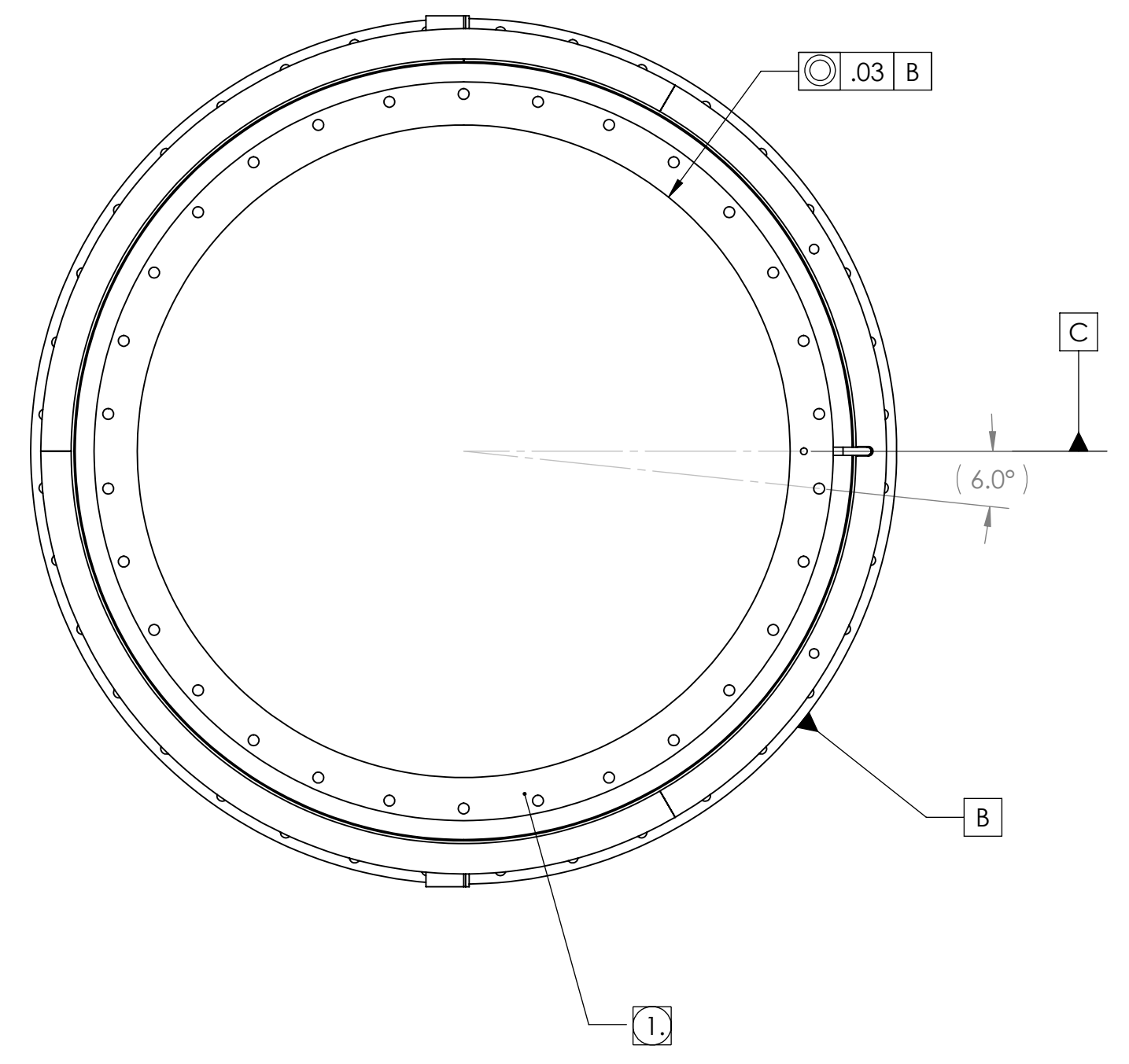
DETAIL B  
SCALE 1 : 4



SECTION C-C



DETAIL D  
SCALE 1 : 1.5



- NOTES:
- VACUUM SEALING SURFACE
  - ALL WELD PREPS TO BE DONE BY TUNGSTEN CARBIDE CUTTING TOOLS ONLY
  - WELD PER QP1750-W2, LIGO WELDING AND REPAIR PROCEDURE, LATEST REVISION
  - CLEAN WELD WIRE AND SURFACES TO BE WELDED WITH CO2 SCRUBBING
  - INTERNAL WELD SURFACE TO BE SMOOTH BUT NOT GROUND
  - ALL WELDS TO BE GTAW UNLESS OTHERWISE NOTED
  - ALL INTERNAL WELDS TO BE CONTINUOUS AND VACUUM TIGHT
  - NO POST WELD HEAT TREATMENT IS REQUIRED

| ITEM NO. | PART NUMBER | DESCRIPTION                  | QTY. |
|----------|-------------|------------------------------|------|
| 1        | 114316-00S  | BASE, TUBE, ADAPTER A-18     | 1    |
| 2        | 114314-00S  | SUB NIPPLE, ADAPTER, A-18    | 1    |
| 3        | 114319-00S  | TUBE, PUMP OUT, ADAPTER A-18 | 1    |

MATERIAL: AISI 304/AISI 304L DUAL CERT PER SA240  
 UNLESS OTHERWISE SPECIFIED: WEIGHT: 2403.83 #  
 DIMENSIONS ARE IN INCHES: FINISH: .125  
 TOLERANCES: ANGULAR: ±1°/30' .125  
 .XX ± .01  
 .XXX ± .005  
 UNSPECIFIED RADII: R.015  
 BREAK EDGES: .010x45°  
 REMOVE ALL BURRS  
 // ▽ ▽ ▽ WITHIN .03

APPROVALS: DATE: 6/11/10  
 DRAFTER: MKM2  
 CHECKER: RW 6/14/10  
 ENGINEER: MKM2 6/11/10

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 ELK GROVE, CA 95758  
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 www.gnbvalves.com

TITLE: **WELDMENT, ADAPTER, A-18**

DO NOT SCALE DRAWING  
 DWG. NO. 114313-00WS  
 SCALE: 1:1.4 SHEET 1 OF 1  
 REV C