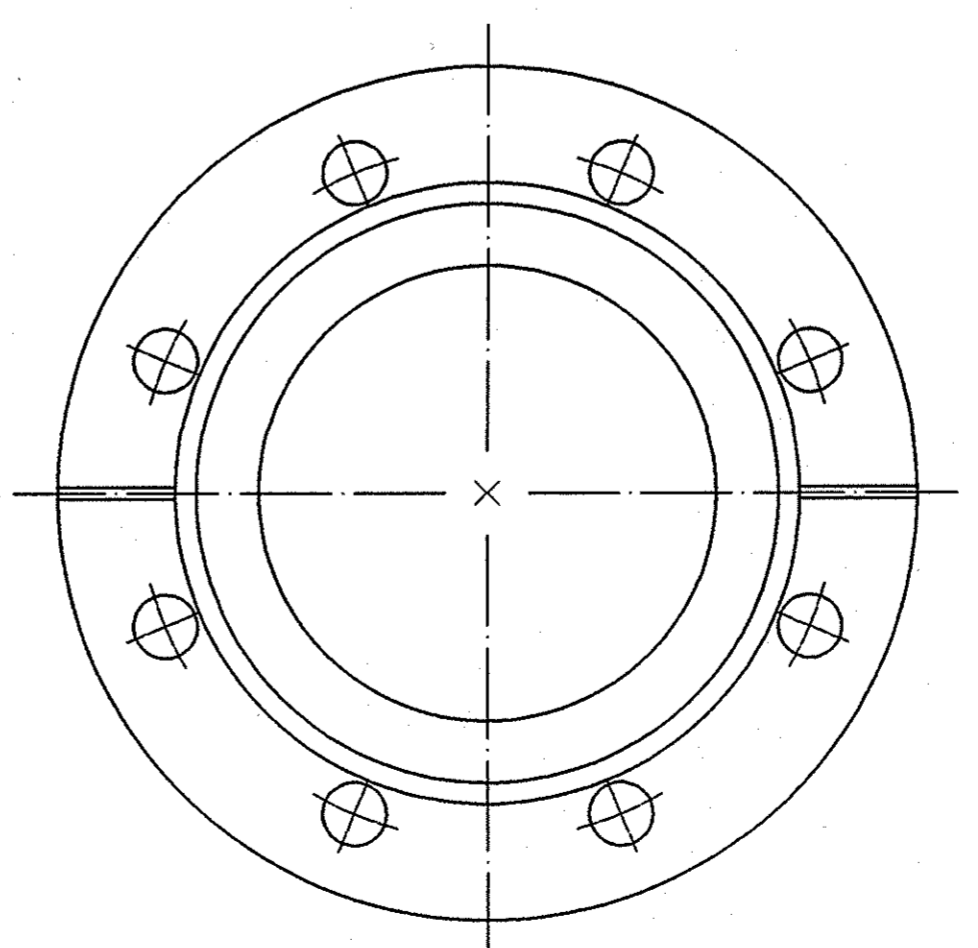
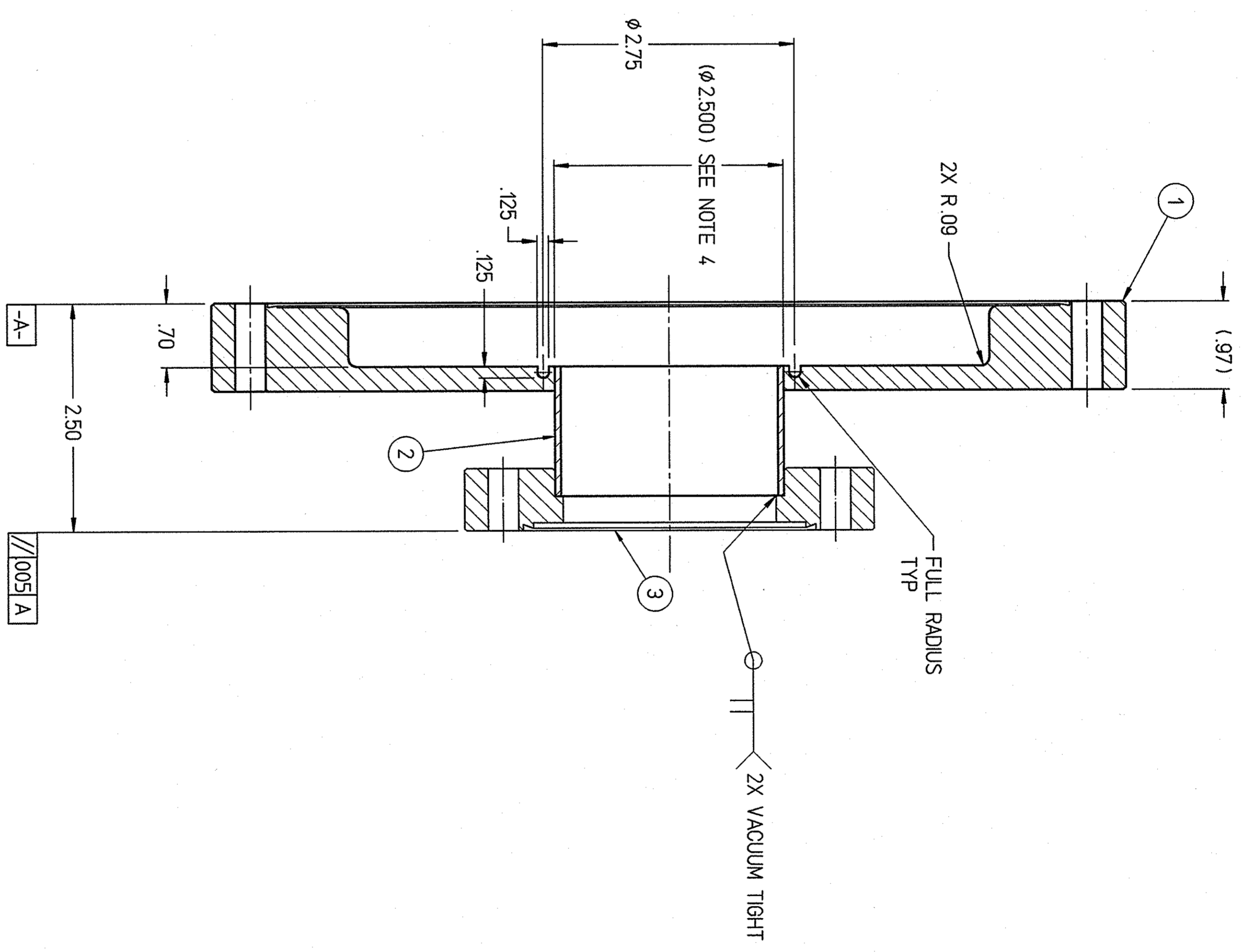
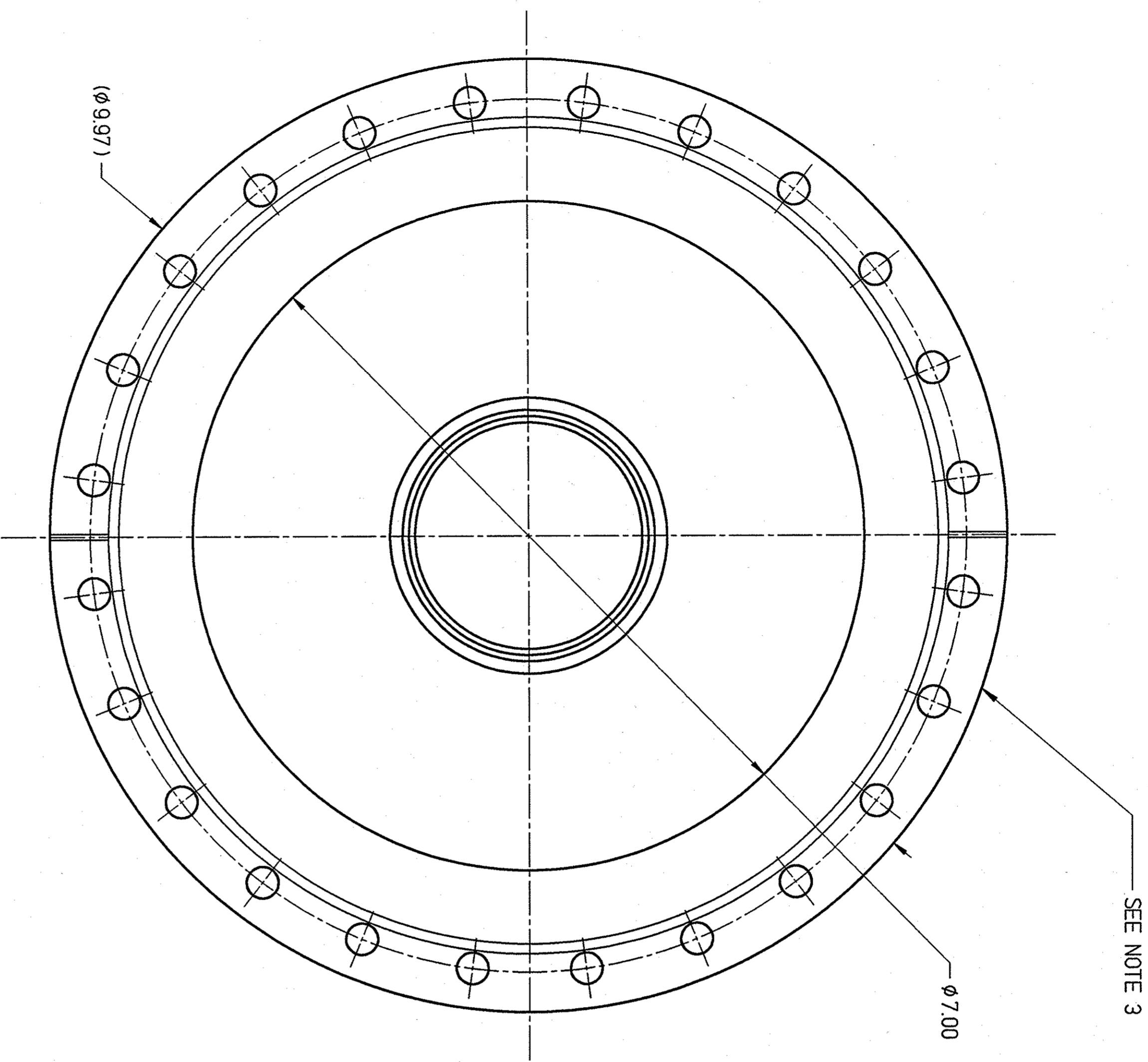


DWG. NO. 32709-D-0258		SHEET 1 OF 1		
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
3A	A	ITEM 2 WAS ELECTROPOLISHED 316L. TRICLOVER TRENT TOMAX	04/18/03	<i>[Signature]</i>



NOTES:

- USE THE FOLLOWING C.E.B.A.F. SPECIFICATIONS
 FABRICATION OF ULTRA HIGH VACUUM EQUIPMENT:
 CLEANING AND HANDLING OF U.H.V. COMPONENTS: #22631-S-001
 WELDING SPECIFICATION FOR U.H.V. COMPONENTS: #22632-S-001
 HELIUM LEAK TEST FOR U.H.V. COMPONENTS: #22633-S-001
 CEBAF QA SPECIFICATION: #22634-S-001
 STAINLESS STEEL FLANGES FOR UHV APPLICATIONS: #91790-200
 #23661-S-001
- ALL TOLERANCES APPLY AFTER WELDING.
- PART NUMBER TO BE ENGRAVED OR ETCHED IN LOCATIONS SHOWN USING MIN. .25 HIGH CHARACTERS.
- HOLES SHALL BE MATCH BORED TO SUIT TUBING.
- PROTECT FLANGE FACES DURING AND AFTER PROCESSING WITH SUITABLE PLASTIC CAPS. DAMAGE TO KNIFE EDGES IS UNACCEPTABLE.

QTY	ITEM	IDENTIFYING NO.	DESCRIPTION	MATERIAL	NOTES
1	3	MDC # 110021	FLANGE, 4-1/2" O.D., NON-ROTATABLE X 2-1/2" NOM I.D., DEL-SEAL	STAINLESS STEEL	
1	2		TUBING, 2.50 O.D. X .065 WALL, X 14.3 LONG	STAINLESS STEEL TYPE 304	
1	1	MDC # 110032	FLANGE, 10 O.D., NON-ROTATABLE BLANK, DEL-SEAL	STAINLESS STEEL	

DIM & TOL. PER ANSI Y14.5 UNLESS OTHERWISE SPECIFIED FRACTIONS DECIMAL ANGLES TOLERANCES ARE: # N/A .XXX # .005 # .5° # N/A .XXX # .005 # .5°		CAADD I.D. NO. 327090258	
FINISH: 90/ UNLESS OTHERWISE NOTED DEBUR & BREAK ALL SHARP EDGES		APPROVALS: DATE DRAWN: D. MACHIE 05MAY99 CHECKED: W.J.SCHNEIDER 5/6/99 APPROVED: W.J.SCHNEIDER 5/6/99 APPROVED: C.K. SINCLAIR 5/20/99	
DO NOT SCALE DRAWING		Thomas Jefferson National Accelerator Facility Newport News, Virginia	
SEE PARTS LIST		INJECTOR - POLARIZED SOURCE LOAD LOCKED PHOTOCATHODE GUN GUN CHAMBER FLANGE, VALVE END	
SIZE/DWG. NO. D 32709-D-0258		SHEET 1 OF 1	



8 7 6 5 4 3 2 1

A B C D