

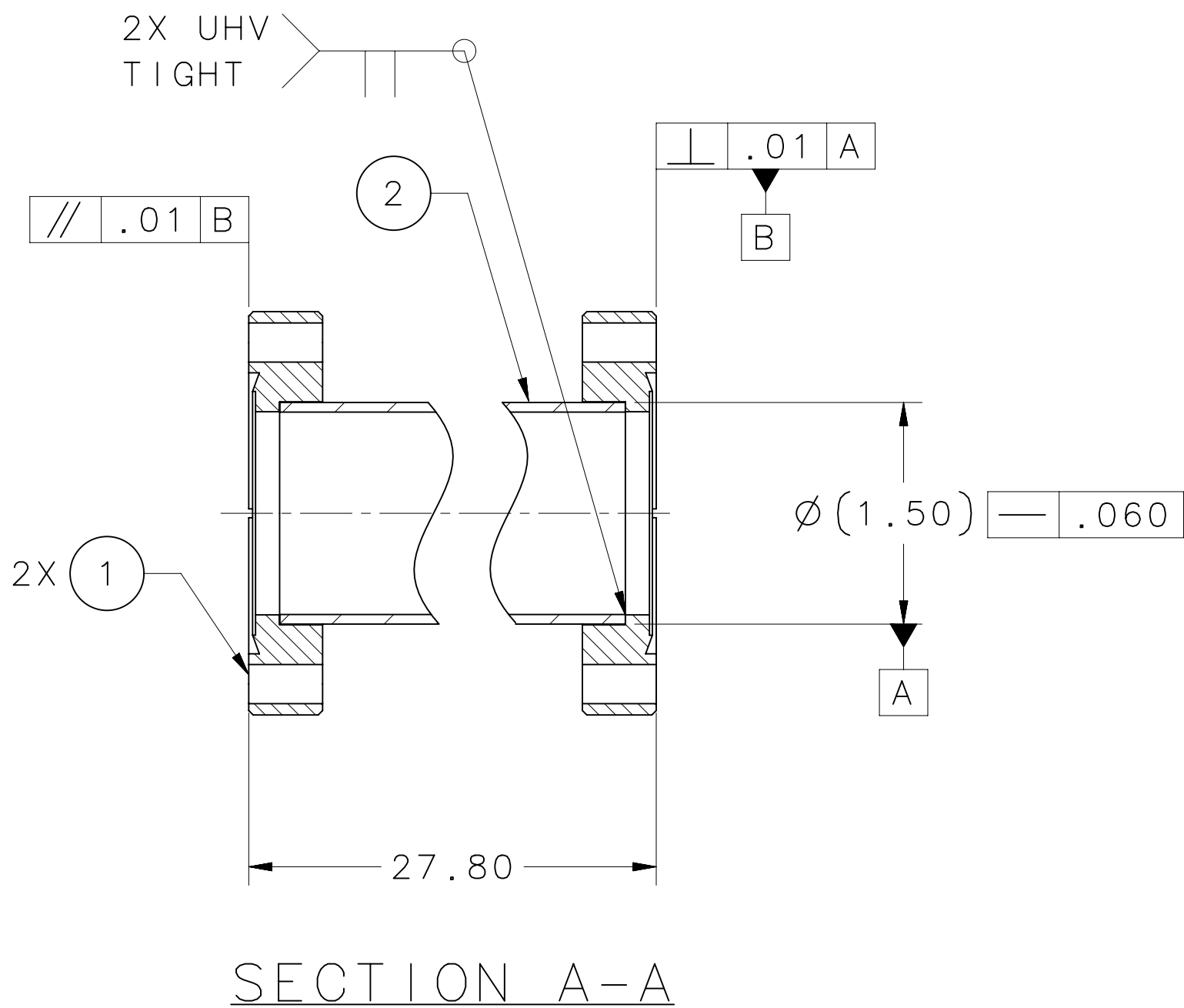
4

3

2

1

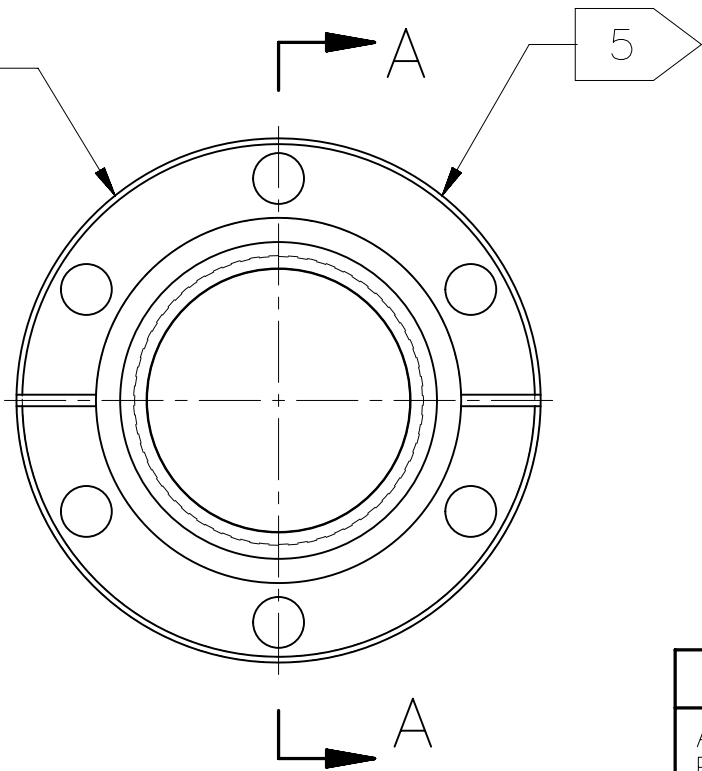
REVISION HISTORY				
ZONE	REV	DESCRIPTION	DATE	APPROVED

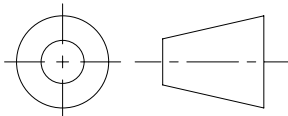


NOTES:

- ASME Y14.5-2009 IS USED FOR ALL DIMENSIONING AND TOLERANCING.
- USE THE FOLLOWING CEBAF SPECIFICATIONS:
FABRICATION OF UHV EQUIPMENT: #22631-S-001
CLEANING & HANDLING OF UHV COMPONENTS: #22632-S-001
WELDING OF UHV COMPONENTS: #22633-S-001
HELIUM LEAK TEST FOR UHV COMPONENTS: #22634-S-001
- PROTECT FLANGE FACE DURING AND AFTER PROCESSING WITH SUITABLE PLASTIC CAP. DAMAGE TO FLANGE FACE IS UNACCEPTABLE.
- ALL TOLERANCES APPLY AFTER WELDING UNLESS OTHERWISE STATED.
- PART NUMBER JL0016546 TO BE ENGRAVED, ETCHED OR STAMPED ON SIDE OF FLANGE USING .25 HIGH CHARACTERS ON ONE FLANGE ONLY.

ALIGN BOTH FLANGE
VACUUM LEAK GROOVES
TO THE SAME PLANE



1	2	-	TUBE 1.50 OD, 0.065 WALL THK	STAINLESS STEEL TYPE 304	-
2	1	-	CF FLANGE 2.75 OD, 1.50 ID NOM, NR	STAINLESS STEEL TYPE 304	-
QTY REQD	ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	NOTES
PARTS LIST					
DIM & TOL PER ASME Y14.5. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMAL ANGLES ± N/A .X ± .1 ± .50° .XX ± .01 .XXX ± .005			MATERIAL		
			SEE PARTS LIST		
THIRD ANGLE PROJECTION			United States Department of Energy		
			Jefferson Lab Thomas Jefferson National Accelerator Facility		
			Newport News Virginia		
			VAC TUBES AND CHAMBERS TUBES AND ASSEMBLIES SPOOL 1.50 DIA 2.75 NR X 2.75 NR		
			SIZE C	DWG. NO. JL0016546	REV. -
			SCALE 1:1	USED ON ASSY NO. ACC-002-0201-0000	SHEET 1 OF 1