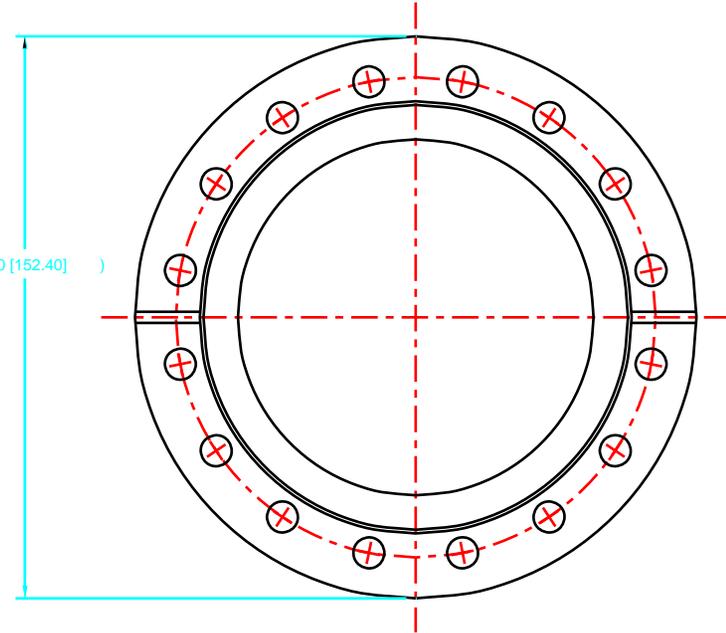
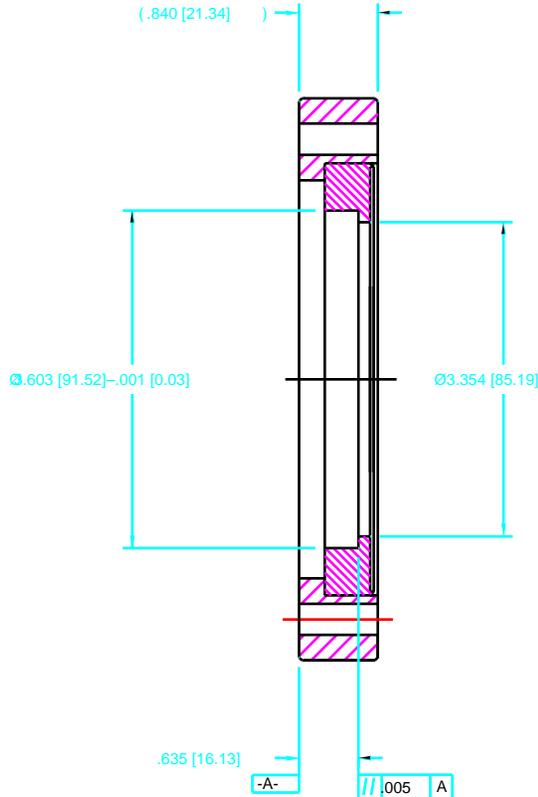


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NOTES:

1. MAKE FROM MDC'S 6" O.D. ROTATABLE FLANGE CAT. #100025
2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:  
A) CIMCOOL 5 STAR 49  
B) TRIM SOL
3. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THE PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
4. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REF. ONLY

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER <b>A1980500</b>		
TOLERANCES		THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>		
DECIMALS	ANGULAR	DRAWN BY <b>MUSCIA</b>		
.X - .03 [0.7620]	- .25	DATE <b>8/4/94</b>	CHIEF DESIGN ENGINEER <b>D. SHU</b>	DATE <b>9/20/94</b>
.XX - .01 [0.25]		CHECKED BY <b>J. WOTHE</b>	GP LEADER <b>T. M. KUZAY</b>	TITLE <b>ADVANCED PHOTON SOURCE</b>
.XXX - .005 [0.127]		DESIGNER <b>MUSCIA</b>	PROJECT MGR.	<b>W1-91 I.D. FRONT END COMMISSIONING FILTER RIGHT END VACUUM FLANGE</b>
SURFACE ROUGHNESS	125 ✓	RESPONSIBLE ENGINEER <b>D. SHU</b>	APPROVED/RELEASED	
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX. SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ANSI Y14.5		MATERIAL <b>SEE NOTE #1</b>	SCALE <b>1:1</b>	SIZE <b>C</b>
DO NOT SCALE DRAWING		MATERIAL	SHEET <b>1 of 1</b>	DRAWING NUMBER <b>P4102010109-910002-00</b>

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