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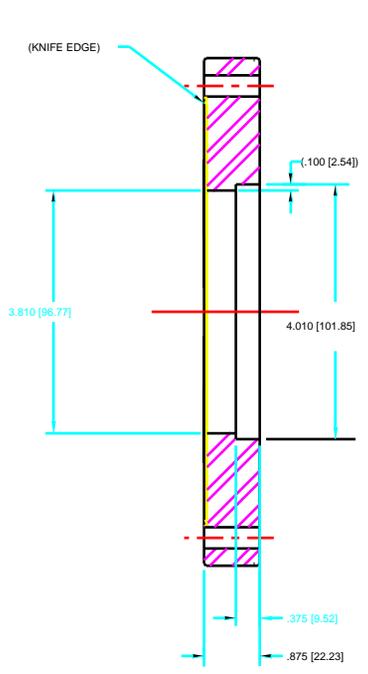
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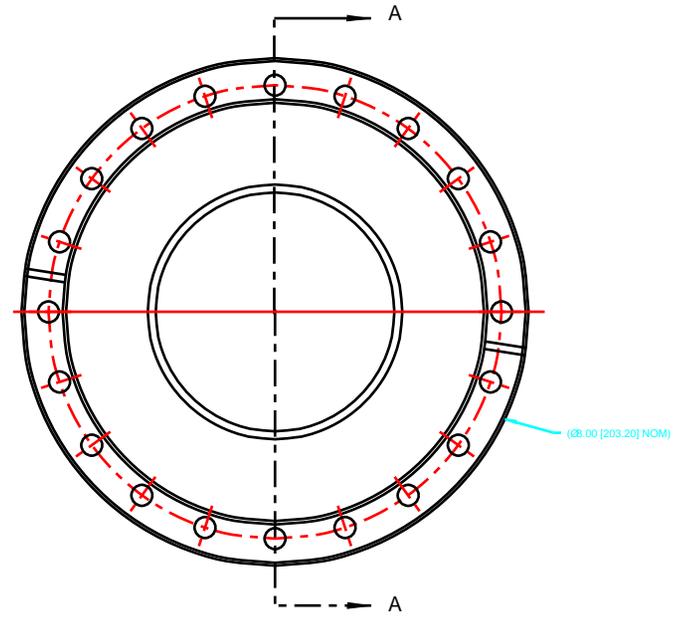
A

NOTES:

1. MAKE FROM MDC'S NON-ROTATABLE 8" O.D. NOM. BLANK FLANGE CAT. # 110030
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 NEEDS TO 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



SECTION A-A



BY	CHANGE DESCRIPTION	BY	CHKD	DATE

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
<small>UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES TOLERANCES:</small> DECIMALS ANGULAR .X - .12 (3.048) - .02 .XX - .03 (0.762) - .01 .XXX - .005 (0.127)		LOG NUMBER A2265400	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
<small>DRAWN BY</small> CORCUERA <small>CHECKED BY</small> <small>DESIGNER</small> SANCHEZ/CORCUERA <small>RESPONSIBLE ENGINEER</small> T. SANCHEZ <small>MATERIAL</small> SEE NOTE #1	<small>DATE</small> 5/1/95 <small>DATE</small> <small>DATE</small> 5/3/95	<small>CHIEF DESIGN ENGINEER</small> <small>PROJECT MGR.</small> <small>APPROVED/RELEASED</small> 	<small>TITLE</small> ADVANCED PHOTON SOURCE <small>U2 FLANGE</small> 8.00" O.D. x 4.00" I.D.	<small>SCALE</small> 1=1 <small>SHEET</small> 1 of 1
<small>DRAWING NUMBER</small> P4105090602-310201-00				<small>QTY</small> D