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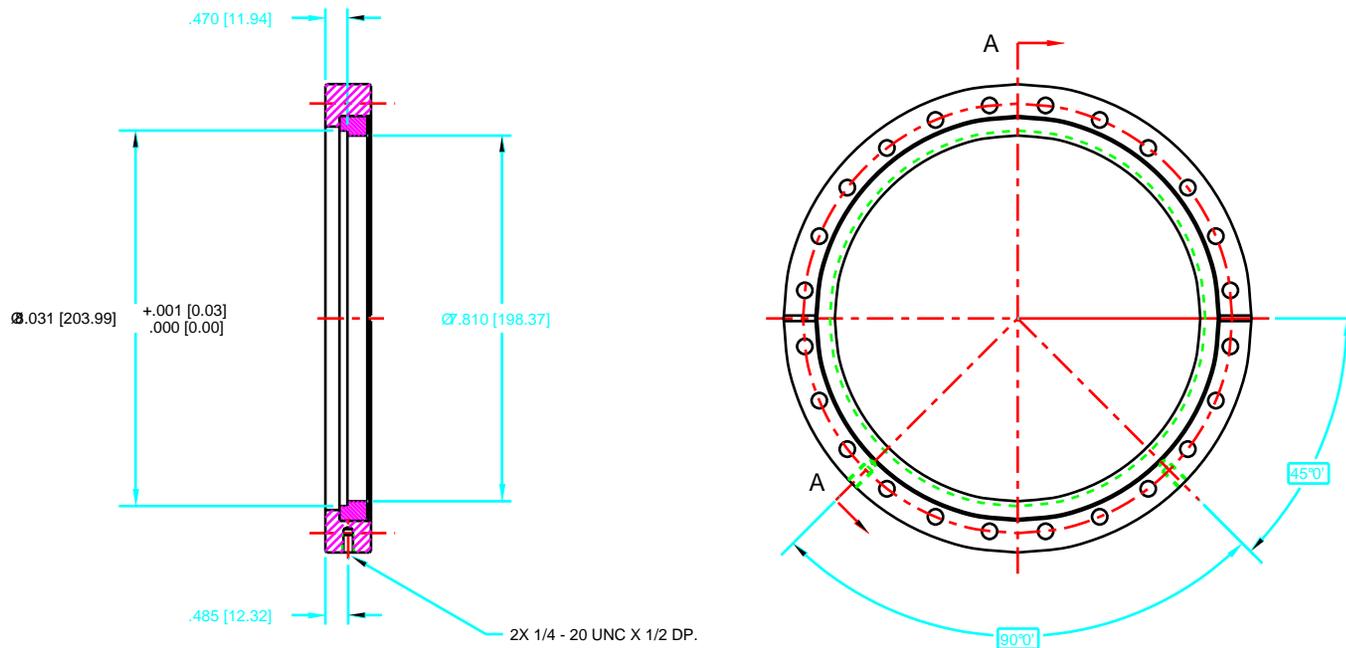
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B

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A

A



SECTION A - A

NOTES:

1. MAKE FROM MDC'S 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 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 AND FOR REF. ONLY

SY#	CHANGE DESCRIPTION	BY	CHKD	DATE
	REVISIONS			

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
<b>PARTS LIST</b>				
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES		LOG NUMBER <b>A13561</b>	THIS DRAWING IS THE PROPERTY OF <b>ARGONNE NATIONAL LABORATORY</b>	
SURFACE FINISHES		DESIGNER <b>MUSCIA</b>	CHEF DESIGN ENGINEER <b>MUSCIA</b>	TITLE <b>ADVANCED PHOTON SOURCE</b>
SURFACE ROUGHNESS 125 ✓		CHECKED BY	OP LEADER	B.M. FRONT END
REMOVE ALL BURRS AND BREAK SHARP EDGES TO MAX.		DESIGNER <b>MUSCIA</b>	PROJECT MGR	8" I.D. BE WINDOW
SURFACE FINISH TO BE IN ACCORDANCE WITH LATEST ASST 044		RESPONSIBLE ENGINEER	APPROVED/RELEASED	VACUUM FLANGE
POLISHING & TOLERANCE TO BE IN ACCORDANCE WITH LATEST ASST 044		MATERIAL SEE NOTE #1	SCALE HALF	SIZE C
DO NOT SCALE DRAWING			SHEET 1 of 1	DRAWING NUMBER <b>P4102020106-210001-00</b>

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