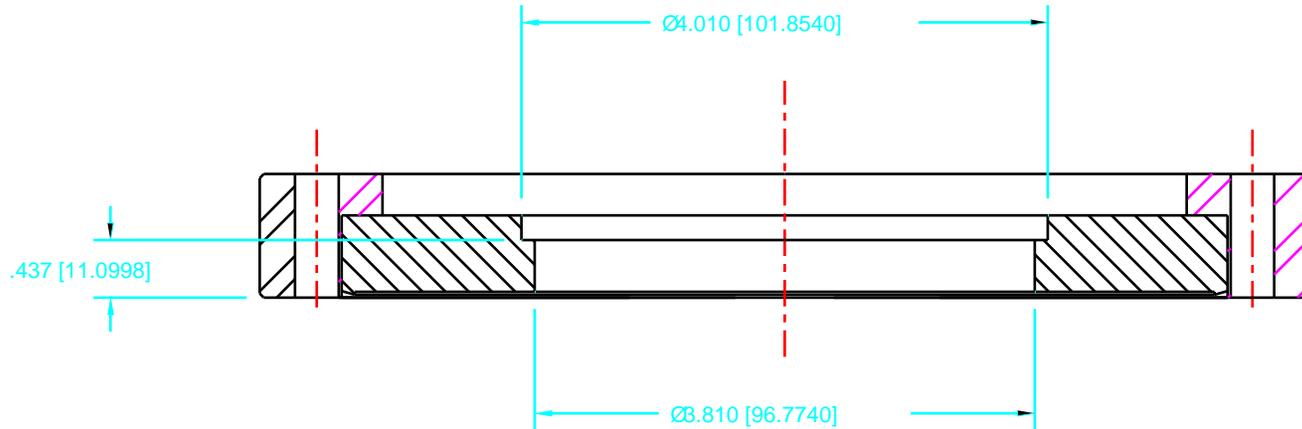


(B)

PLOT SCALE: 1=1

DWG. SCALE: 1

A11618



NOTES:

1. MAKE FROM MDC'S VACUUM FLANGE CAT. #100030
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

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
PARTS LIST				
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES		LOG NUMBER A11618	THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
TOLERANCES DECIMALS ANGULAR .X - .03 [.7620] - .25 .XX - .01 [0.25] .XXX - .005 [0.127]		CHIEF DESIGN ENGINEER D.SHU 8/31/93 GP LEADER T.M.KUZAY 8/31/93 PROJECT MGR.	ADVANCED PHOTON SOURCE V3 APS I.D. FRONT END SLOW VALVE & FAST VALVE VACUUM CHAMBER 8" O.D. LOWER FLANGE	
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		DESIGNER MUSCIA 8/31/93 RESPONSIBLE ENGINEER J.CHANG 8/31/93 APPROVED/RELEASED	SCALE 1:1 SHEET 1 of 1	DRAWING NUMBER B P4105090703-830101-00
DO NOT SCALE DRAWING		MATERIAL SEE NOTE #1		

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				