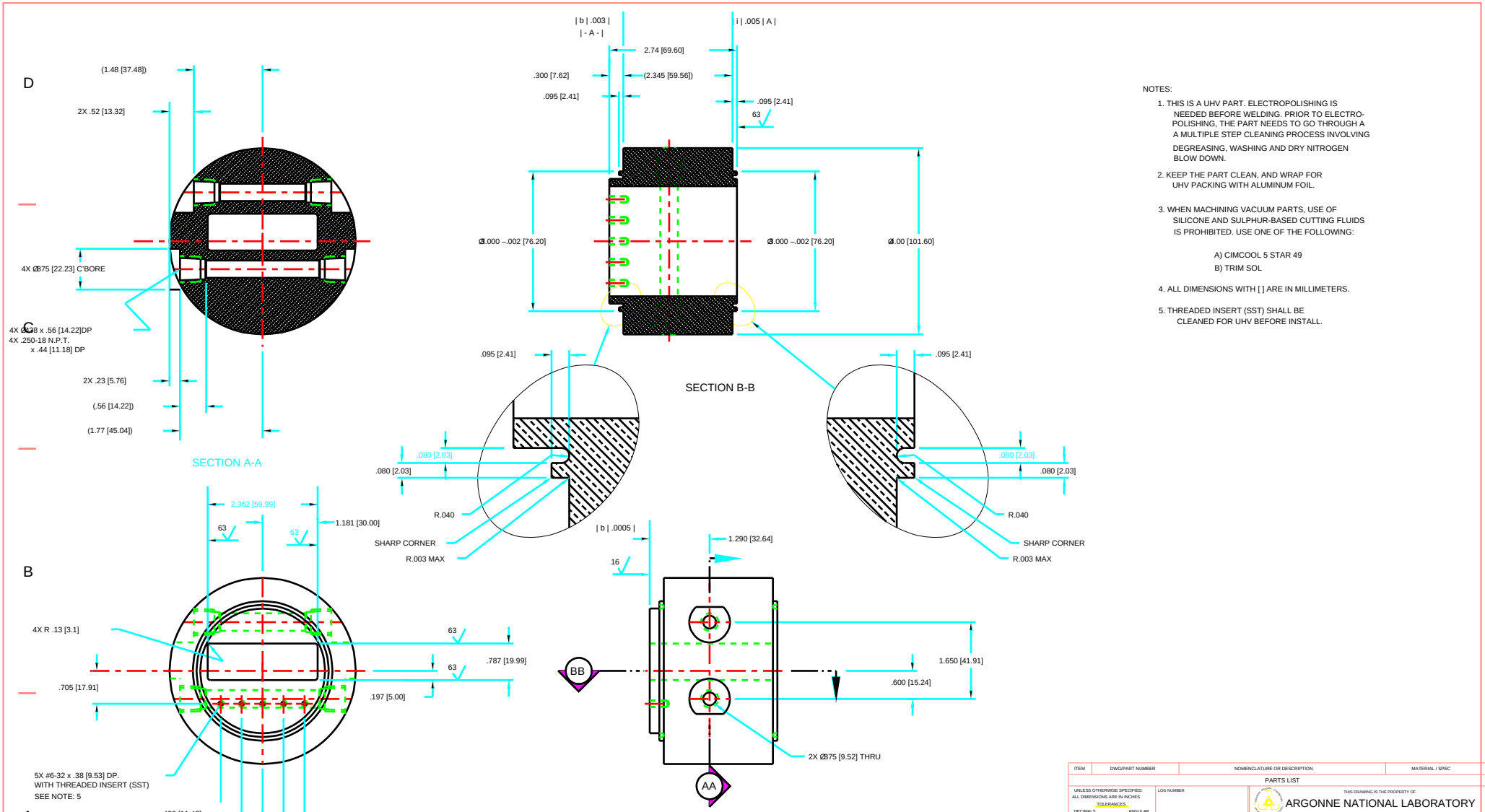
( ) PLOT SCALE: 1=1 | DWG. SCALE: 1



NOTES:

1. THIS IS A UHV PART. ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTRO-POLISHING, THE PART NEEDS TO GO THROUGH A A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOW DOWN.
2. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
3. 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
4. ALL DIMENSIONS WITH [ ] ARE IN MILLIMETERS.
5. THREADED INSERT (SST) SHALL BE CLEANED FOR UHV BEFORE INSTALL.

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY

PARTS LIST

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS .X ± .XX ± .XXX ±
ANGULAR ± °
SURFACE ROUGHNESS
REMOVE ALL BURRS AND BREAK SHARP EDGES .03 MAX
SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ASME
DIMENSIONING & TOLERANCING IN ACCORDANCE WITH LATEST ASME

LOG NUMBER
DRAWN BY A2540300 — DATE
CHECKED BY Corcuera — DATE 9/10/96
DESIGNER D. SHU — DATE 10/3/96
RESPONSIBLE ENGINEER T. CHANG — DATE 10/1/96
MATERIAL CHANG CORCUERA — DATE 9/10/96
DO NOT SCALE DRAWING
T. CHANG 10/1/96
O.F.H.C. COPPER

CHIEF DESIGN ENGINEER — DATE
GP LEADER — DATE
PROJECT MGR — DATE
APPROVED/RELEASED — DATE

THIS DRAWING IS THE PROPERTY OF
ARGONNE NATIONAL LABORATORY

TITLE
ADVANCED PHOTON SOU
M6 BM1 WHITE BEAM
FIXED MASK
COOLING BLOCK

SCALE 1:1 — DRAWING NUMBER P4105091006-210001-00
SHEET 1 OF 1

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE

REVISIONS