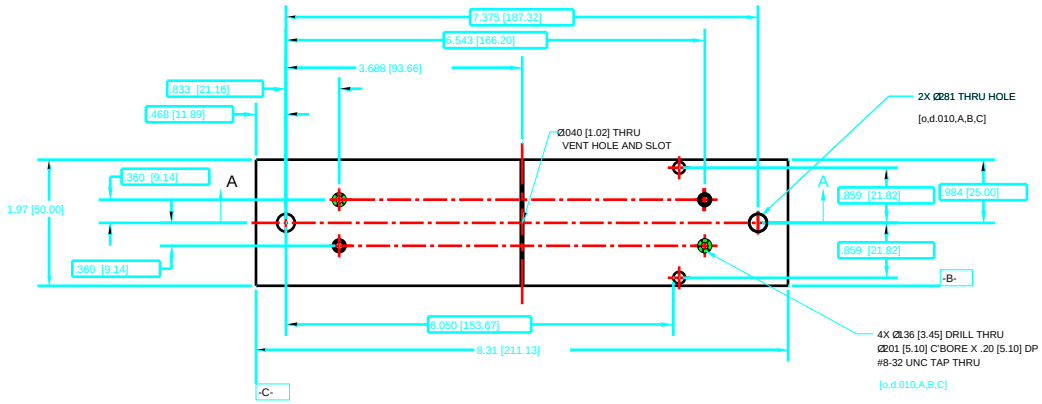

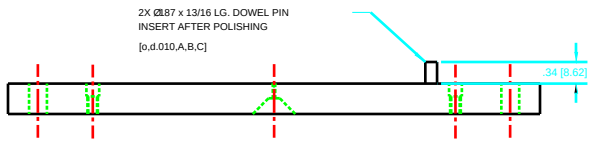

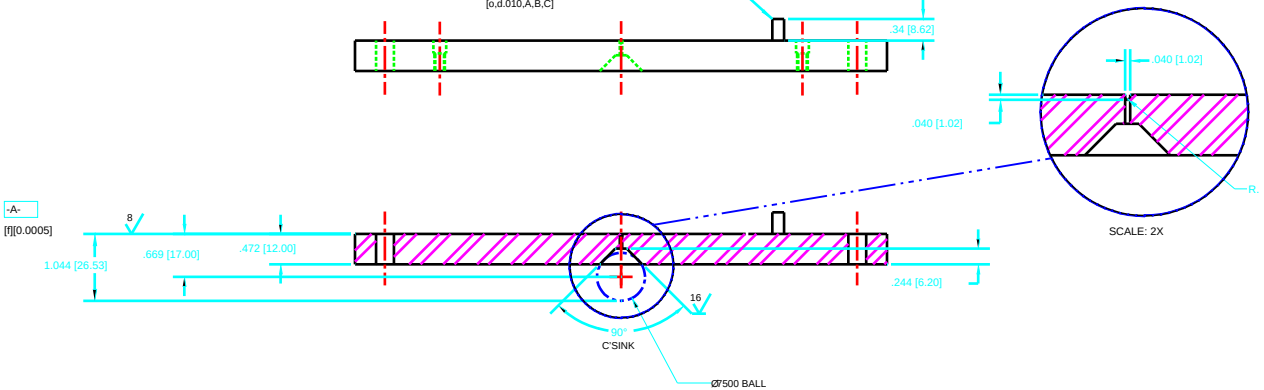

SECTION A-A

NOTES:

1. WHEN MACHINING VACUUM PARTS, USE SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
   A) CIMCOOL 5 STAR 49
   B) TRIM SOL
2. THIS IS A UHV PART, ELECTROPOLISHING IS NEEDED. PRIOR TO ELECTROPOLISHING, THE PART NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING AND DRY NITROGEN BLOWDOWN.
3. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
4. DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REF. ONLY

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

PARTS LIST

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS: .X ± [2.5]; .XX ± .01 [.025]; .XXX ± .005 [.013]
ANGULAR ± 0°30'
SURFACE ROUGHNESS 63
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
DO NOT SCALE DRAWING

LOG NUMBER A2454900

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ARGONNE NATIONAL LABORATORY

DRAWN BY MA	DATE 5/8/96	CHIEF DESIGN ENGINEER D.SHU	DATE 6/24/96	TITLE	ADVANCED PHOTON SOURCE
CHECKED BY J.CHANG	DATE 6/18/96	GP LEADER T.M.KUZAY	DATE 6/26/96		Y3-30 MIRROR MOUNTS ASSEMBLE FOR SRICAT
DESIGNER CHANG/MA	DATE 5/8/96	PROJECT MGR	DATE		2-BM-A 1200 mm MIRROR RIGHT BALL PLATE
RESPONSIBLE ENGINEER J.CHANG	DATE 6/18/96	APPROVED/RELEASED	DATE		
MATERIAL 304 STAINLESS STEEL				SCALE 1:1	SIZE D
				SHEET 1 of 1	DRAWING NUMBER P4105091203-300005-00

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE

REVISIONS