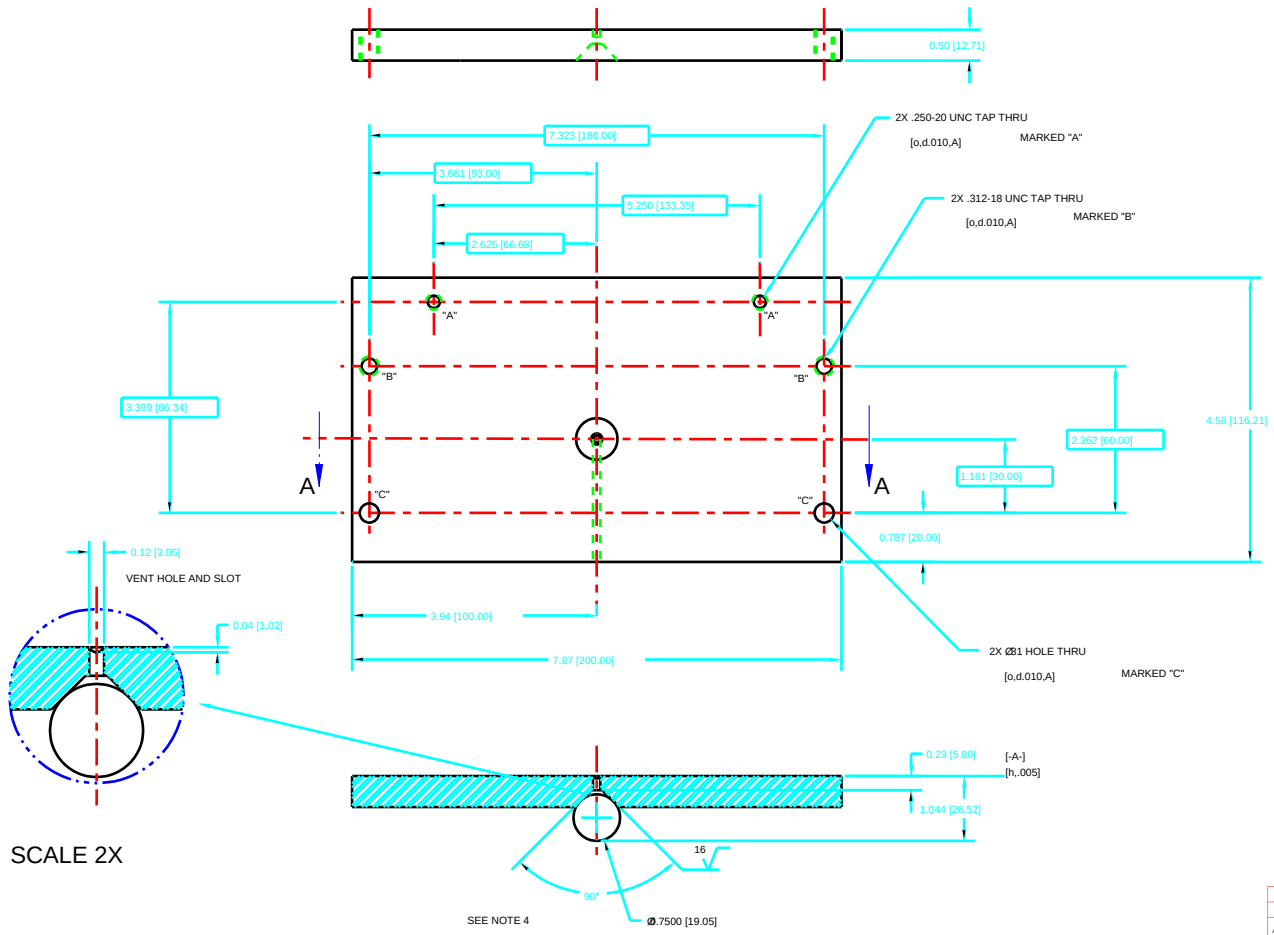

SECTION A-A

NOTES:

1. 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
2. KEEP THE PART CLEAN, AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
3. DIMENSIONS IN [ ] ARE MILLIMETERS AND FOR REF. ONLY
4. HARDEN SURFACE SHOWN TO RC 56-58 - .06 MIN. DEPTH. SURFACE HARDENING OF ENTIRE PART IS PERMISSIBLE.

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

PARTS LIST

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS: .X ± 1.2 [.5]; .XX ± .01 [0.25]; .XXX ± .005 [0.13]
ANGULAR: ± 0°30'
SURFACE ROUGHNESS 125
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 A2419800

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DRAWN BY FUHRMANN	DATE 3/12/96	CHIEF DESIGN ENGINEER D.SHU	DATE 5/96
CHECKED BY BENSON/STURHAHN	DATE 5/12/96	GP LEADER T.M.KUZAY	DATE 5/96
DESIGNER D.SHU/FUHRMANN	DATE 5/96	PROJECT MGR. D. MILLS	DATE 5/96
RESPONSIBLE ENGINEER D. SHU	DATE 5/96	APPROVED/RELEASED	DATE

TITLE
ADVANCED PHOTON SOURCE
Y7-30 MONOCHROMATIC BEAM
MIRROR ASSEMBLY
FOR 3-ID BEAMLINE
RIGHT BALL PLATE

MATERIAL STAINLESS STEEL 440 SEE NOTE 4

SCALE 1:1 SHEET 1 of 1 SIZE D DRAWING NUMBER P4105091207-300010-00

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE

REVISIONS