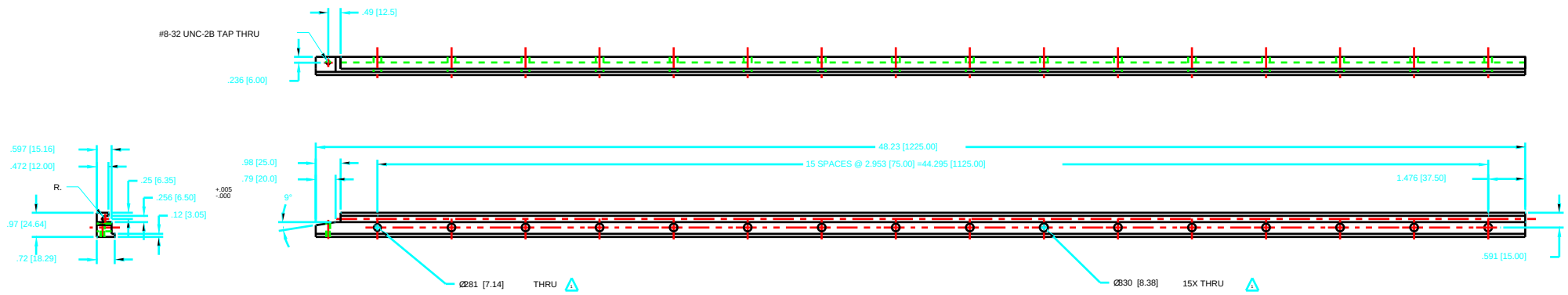
(D)	PLOT SCALE: 1=2	DWG. SCALE: 1/2	A2416400



NOTES:

1. ONE COOLING RAIL SET CONSISTS OF 2 RAILS:
   (1) AS SHOWN & (1) OPPOSITE
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 ULTRA-HIGH VACUUM COMPONENT (UHV), ELECTROPOLISHING IS NEEDED BEFORE WELDING. PRIOR TO ELECTROPOLISHING, THIS PART MUST GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING, AND DRY NITROGEN BLOWDOWN.
4. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
5. ALL DIMENSIONS IN [ ] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

REV	CHANGE DESCRIPTION	BY	CHKD	DATE
1	ADDED Ø281 THRU	RAF	JC	10/96
1	15X Ø330 WAS 16X Ø312	RAF	JC	10/96

ITEM	DESIGNATION	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
		PARTS LIST		

DWG NO: A2416401		THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY	
DRAWN BY: R. KRAKORA	DATE: 5/8/96	CHIEF DESIGN ENGINEER: D.SHU	DATE: 6/24/96
CHECKED BY: J.CHANG	6/18/96	DP LEADER: T.M.KUZAY	6/26/96
REVIEWED BY: KRAKORA/CHANG	5/8/96	PROJECT MGR:	
TECHNICAL CHECKER: J.CHANG	6/18/96	APPROVED FOR RELEASE:	

TITLE: ADVANCED PHOTON SOURCE
Y3-30 MIRROR MOUNT
ASSEMBLY FOR SRICAT
2-BM 1200mm MIRROR
COOLING RAIL SET

MATERIAL: OFHC COPPER

SCALE: 1:2 SHEET: 1 1

SIZE: D

DRAWING NUMBER: P4105091203-340101-01