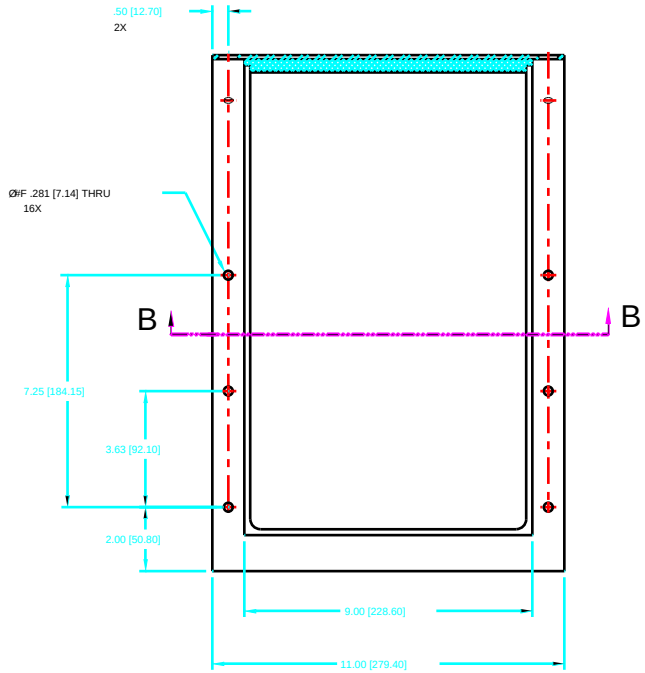
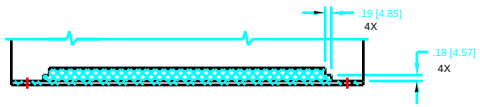
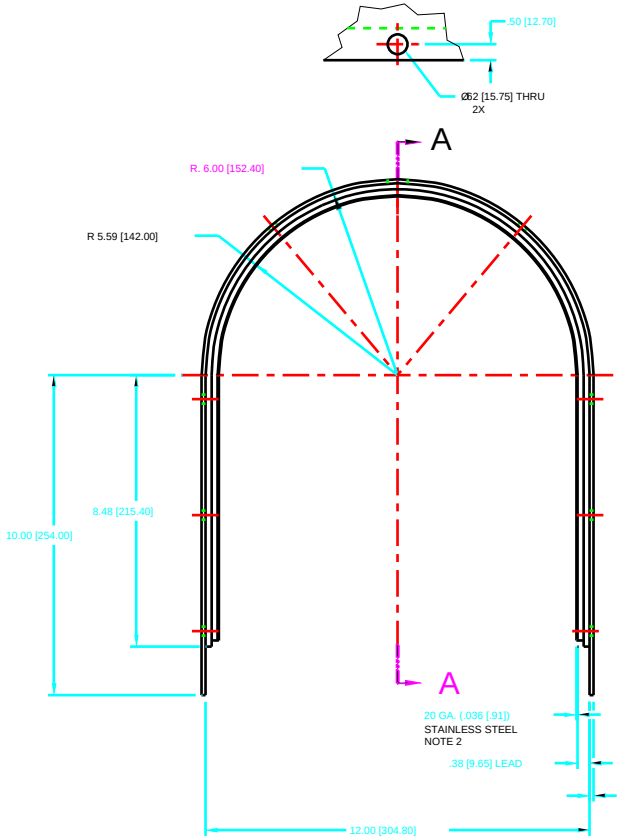


SECTION A-A



SECTION B-B



NOTE:

1. LEAD PANELS SHALL BE CONSTRUCTED FROM SINGLE UNPIERCED SHEET. FREE OF OXIDE INCLUSIONS, FISSURES, VOIDS AND ALL OTHER DETRIMENTAL DEFECTS. MATERIAL SHALL BE LEAD GRADE "C" TO COMPLY WITH FEDERAL SPECIFICATION-QQL201. SHIELD SHALL MEET ALL APPLICABLE FEDERAL, STATE AND LOCAL RADIATION GUIDE LINES: NBS HANDBOOK 111 AND 114, ANS N43.2 AND DOE ORDER 5480.11.
2. DIMENSIONS IN BRACKETS [ ] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.
3. BOND STAINLESS STEEL SHEETS TO LEAD WITH ADHESIVE PER SPEC.

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

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS

DECIMALS	ANGLES
X ± .030 [.762]	± 25'
.XX ± .010 [.254]	
.XXX ± .005 [.127]	

SURFACE ROUGHNESS 125

SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
	REVISIONS			

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DWG NO A2021300

DRAWN BY P. ENGELBRECHT	DATE 7/94	CHIEF DESIGN ENGINEER	DATE
CHECKED BY		GP LEADER	
DESIGNED BY T. SANCHEZ, P. ENGELBRECHT	7/94	PROJECT MGR	
MATERIAL ENGINEER		ADMINISTRATOR	

MATERIAL SEE DRAWING

SCALE 1:2

SHEET 1 OF 1

SIZE D

DWG NO P4105090601-540101-00

ADVANCED PHOTON SOURCE

U1 SHIELDED TRANSPORT
11" SUPPORT STAND
SHIELDING
COVER