



SECTION A-A

NOTES:

- USE THE FOLLOWING JLAB SPECIFICATIONS
 FABRICATION OF ULTRA HIGH VACUUM EQUIPMENT: #22631-S-001
 CLEANING AND HANDLING OF U.H.V. COMPONENTS: #22632-S-001
 WELDING SPECIFICATION FOR U.H.V. COMPONENTS: #22633-S-001
 HELIUM LEAK TEST FOR U.H.V. COMPONENTS: #22634-S-001
 JLAB QA SPECIFICATION #91790-200
 STAINLESS STEEL FLANGES FOR UHV APPLICATIONS #23661-S-001
- ALL TOLERANCES APPLY AFTER WELDING.
- PART NUMBER TO BE ENGRAVED OR ETCHED IN LOCATION SHOWN USING MINIMUM .25 HIGH CHARACTERS.
- HOLE SHALL BE MATCH BORED TO SUIT TUBING.
- PROTECT FLANGE FACES DURING AND AFTER PROCESSING WITH SUITABLE PLASTIC CAPS. DAMAGE TO KNIFE EDGES IS UNACCEPTABLE.

QTY	ITEM NO.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION	MATERIAL	NOTES
2	3	-	TUBE, .75 OD X .035 WALL	STAINLESS STEEL 304	-
2	2	LESKER F0133X075NT OR EQUIVALENT	FLANGE, 1.33 OD NON-ROTATABLE X .75 NOM ID TAPPED	STAINLESS STEEL 304	-
1	1	MDC 150039 OR EQUIVALENT	2-PORT, ZERO LG RDCR, 10 X 4.5 CF	STAINLESS STEEL 304	-

PARTS LIST					
EACH SHEET OF MULTI-SHEET DRAWINGS SHALL ALWAYS HAVE THE SAME REVISION LEVEL.					
DIM & TOL PER ASME Y14.5 2009. UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		MATERIAL			
FRACTIONS	DECIMAL	ANGLES	SEE PARTS LIST		
± 1/16	± .005	± 30°	THIRD ANGLE PROJECTION		
FINISH: MACHINED SURFACES DEBUR & BREAK ALL SHARP EDGES		UNLESS OTHERWISE NOTED			
DO NOT SCALE DRAWING		SCALE: 1:1			
DRAWN: S.A. GREGORY		DATE: 02MAY22		SHEET 1 OF 1	

United States Department of Energy
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CEBAF INJECTOR
 200 KeV GUN
 LOAD LOCK GUN
 2-PORT HVC END FLANGE ASSEMBLY

SIZE: DWG. NO. JL0091130-0122
 REV. -