

D

C

B

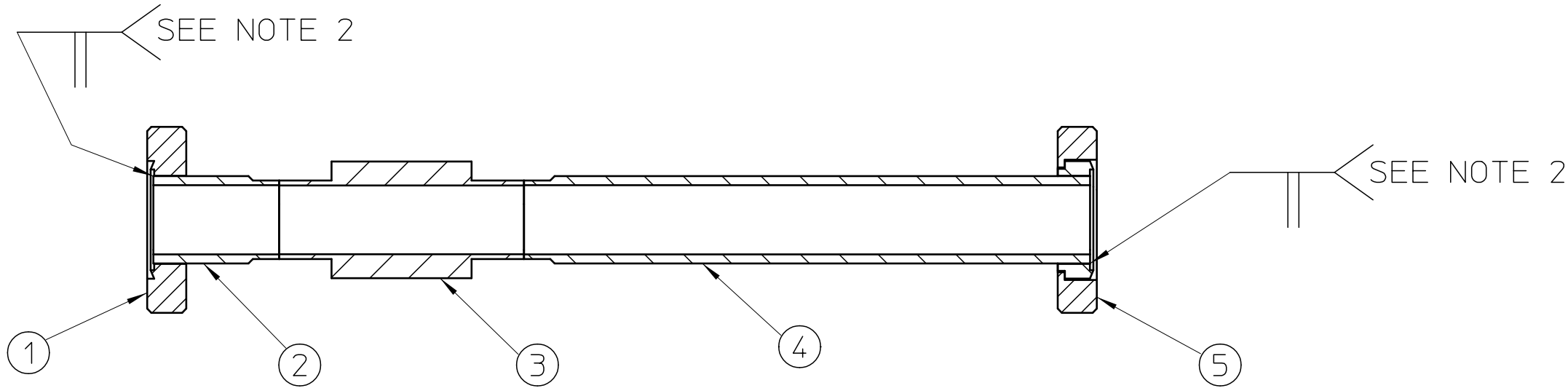
A

D

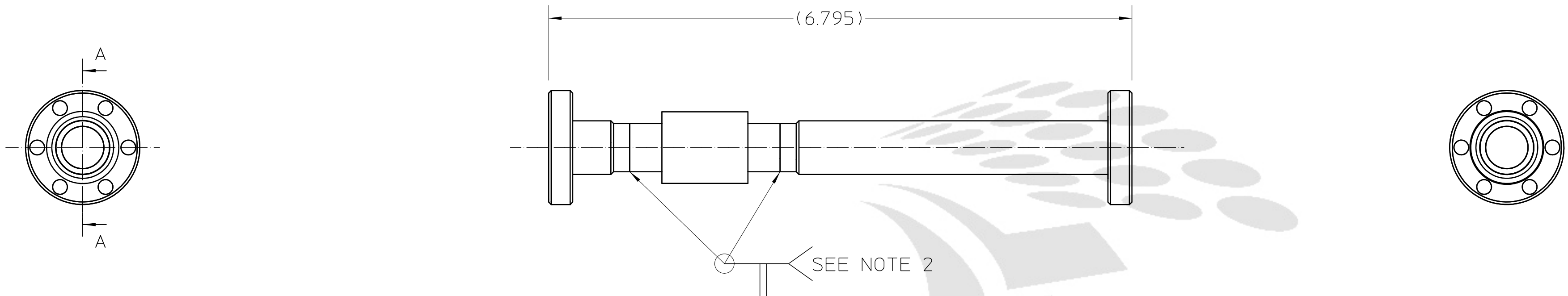
C

B

A



SECTION A-A



UNLESS OTHERWISE SPECIFIED,

- 1) DIMENSIONS AND TOLERANCING PER ASME Y14.5M-1994. ALL DIMENSIONS ARE IN INCHES. REFERENCE DIMENSIONS ARE SHOWN IN PARENTHESES. NOT ALL HIDDEN LINES ARE SHOWN.
- 2) ALL WELDS ARE TO BE VACUUM LEAK TIGHT AND ARE TO BE HELIUM LEAK TESTED. LEAK RATE IS NOT TO EXCEED 2×10^{-9} CC/SEC He.
- 3) THIS IS AN ULTRA HIGH VACUUM (UHV) PART AND REQUIRES SPECIAL ATTENTION TO AVOID UHV CONTAMINATION. READ LBNL SPECIFICATION M20013 BEFORE PERFORMING ANY FAB- RICATION.
- 4) PROTECT FINISHED PART BY BAGGING OR SIMILAR METHOD TO PROTECT AND MAINTAIN CLEANLINESS DURING SHIPMENT AND STORAGE. TAKE EXTREME CARE NOT TO DING, SCRATCH, DENT, OR OTHERWISE MARK ANY MACHINED SURFACE.

1	5		CONFLAT FLANGE, ROTATABLE, MINI, MDC #100003
1	4	26B235	PREMIRROR AIR GUARD TUBE
1	3		BELLOWS, WELDED STAINLESS STEEL STD. BELLOWS CO. # 84-52-4-EE
1	2	26B029	FLANGE TO BELLOWS ADAPTOR
1	1		CONFLAT FLANGE, NON-ROTATABLE, MINI, MDC #110003
RECD	ITEM	PART NO.	DESCRIPTION

					UNLESS OTHERWISE SPECIFIED
					TOLERANCES
					FRACTIONS: * - / - - XXX ± - - -
					ANGLES: * - . - ° / INCH
					MACH. SURFS.: 125 ✓ OR BETTER
					REF: ASME Y14.5M-1994, THREADS ARE CLASS 2
					BREAK EDGES .016 MAX. ON MACHINED WORK
					REMOVE BURRS, WELD SPLATTER & LOOSE SCALE
A	patton	patton	06-30-20	INITIAL REVISION	
REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION	

PROJECT NAME:	PROJECT NUMBER:	ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA
DO NOT SCALE PRINT	CATEGORY CODE:	ALS - INSERTION DEVICE BEAMLINES
SCALE: 1 : 1	AL 4 1 6 5	BL 6.0 : 1.2 BRANCHLINE
THIRD ANGLE PROJECTION		PREMIRROR AIR GUARD WELDMENT
SHEET 1 OF 1	SIZE: D	DWG NO: 26B239
		REV A