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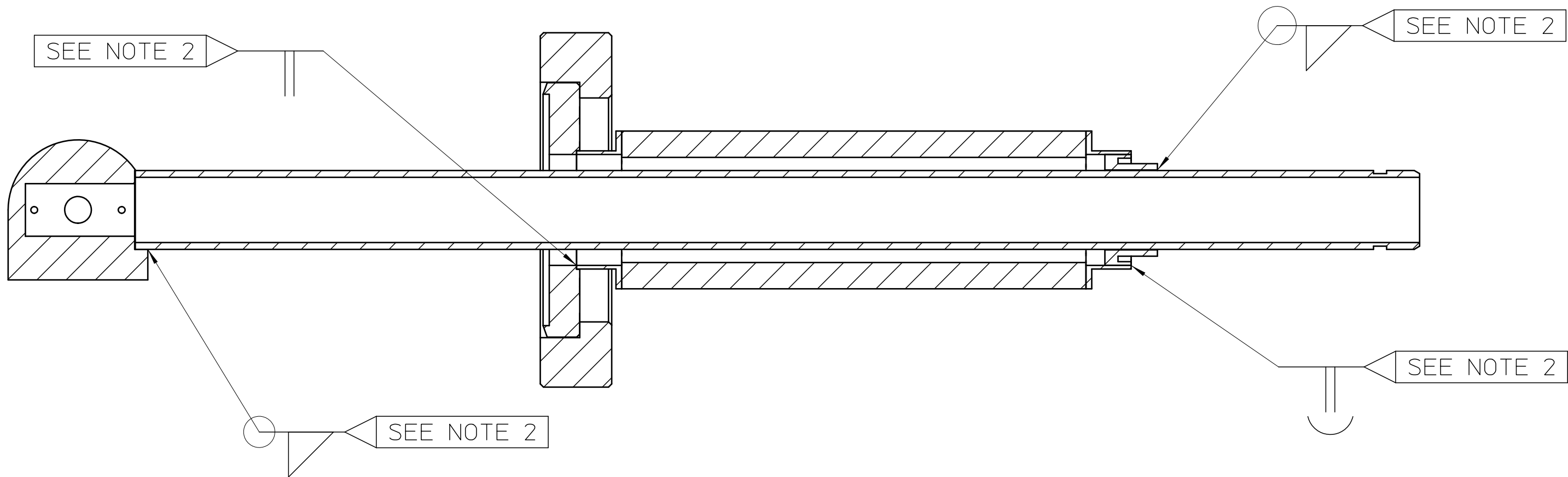
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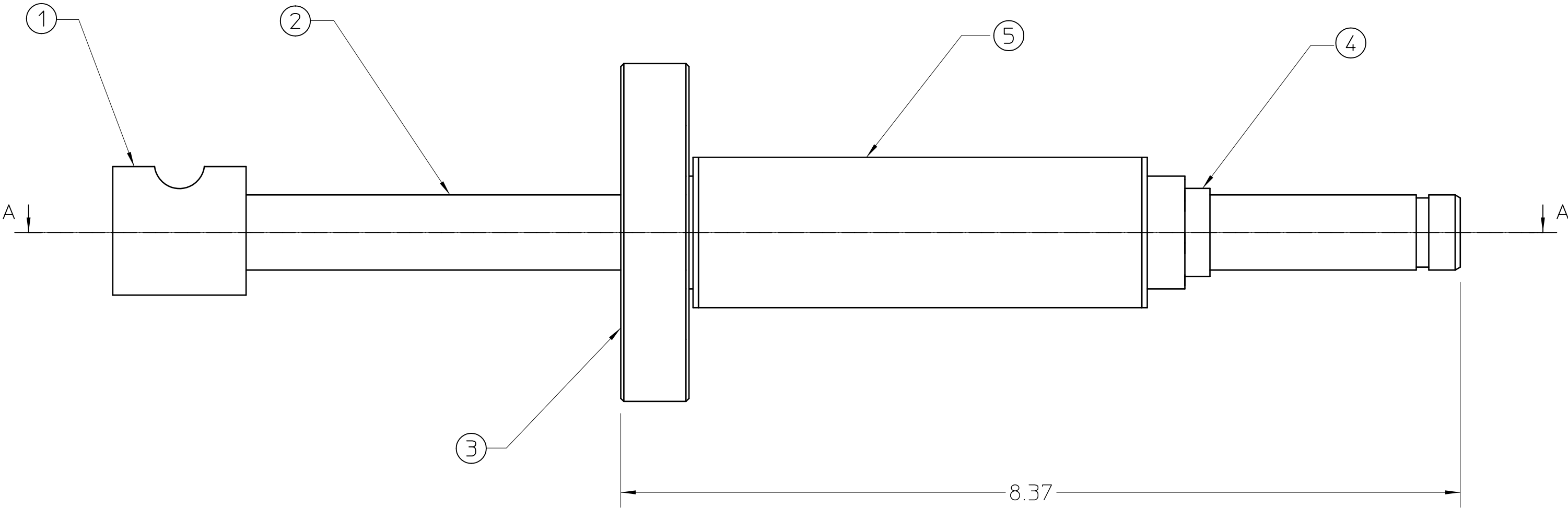
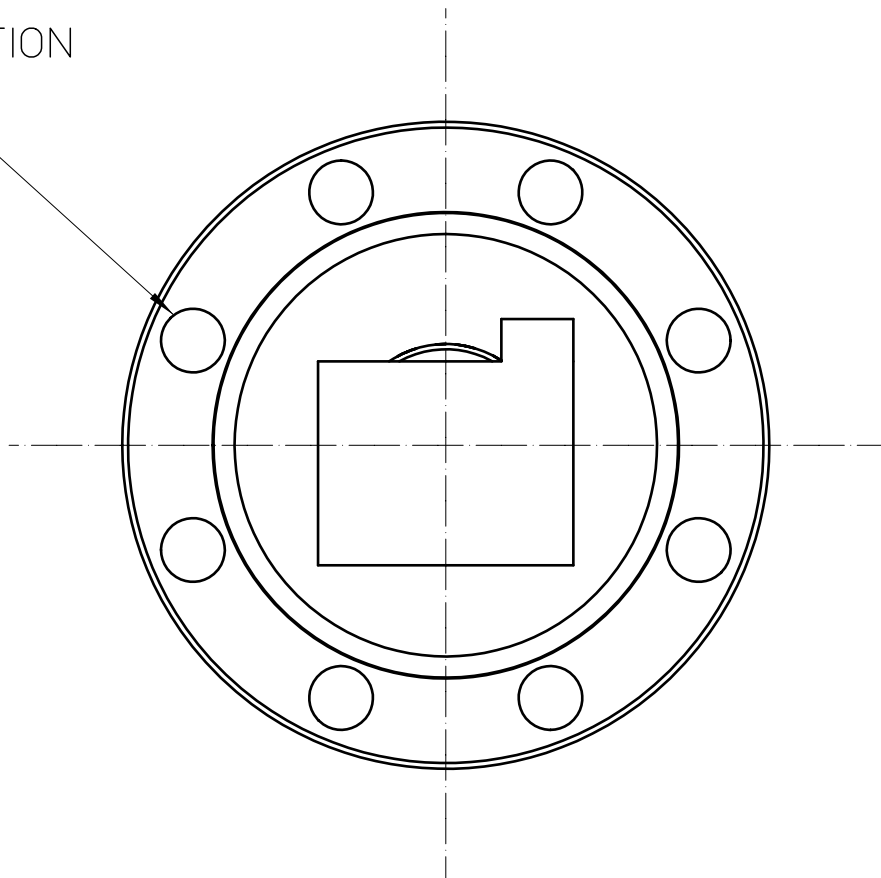
2

1



SECTION A-A

FLANGE IS ROTATABLE SO
BOLT PATTERN ORIENTATION
IS NOT RELEVANT



NOTES, UNLESS OTHERWISE SPECIFIED:

- DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
- ALL CONTINUOUS WELDS ARE TO BE VACUUM TIGHT AND ARE TO BE HELIUM LEAK TESTED. LEAK RATE IS NOT TO EXCEED 2×10^{-9} cc/sec He.
- SURFACE TREATMENT; THIS IS A UHV ASSY, CLEAN AND HANDLE PARTS PER LBL SPECIFICATION #M775B.
- ALL DIMENSIONS ARE IN INCHES. REFERENCE DIMENSIONS ARE SHOWN IN PARENTHESIS. NOT ALL HIDDEN LINES ARE SHOWN.

1	5	-	BELLOWS, $\phi 1.50 \times .96$ ID x 13 SEGEMENTS LG. STYLE "E" FLANGES, SBC # 150-96-13-EE
1	4	26A7802	BELLOWS CUFF ADAPTOR
1	3	26A7743	MODIFIED $\phi 3.37$ CONFLAT FLANGE
1	2	26A7793	ACTUATOR AIR GUARD, MIRROR/GRATING
1	1	26A7614	TUBE END B FITTING SST
REQD	ITEM	PART NO.	DESCRIPTION

					UNLESS OTHERWISE SPECIFIED
					X $\pm$ - - XX $\pm$.01 XXX $\pm$ - - -
					FRACTIONS: * - / - -
					ANGLES: $\pm 1/2^\circ$
					MACH. SURFS.: 63 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	12-19-20	INITIAL REVISION	
REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION	

PROJECT NAME:	ERNEST ORLANDO LAWRENCE
PROJECT NUMBER:	BERKELEY NATIONAL LABORATORY
DO NOT SCALE PRINT	CATEGORY CODE:
SCALE: 1 : 1	AL 4 153
THIRD ANGLE PROJECTION	
SHEET 1 OF 1	SIZE: D
DWG NO: 26A928	REV A