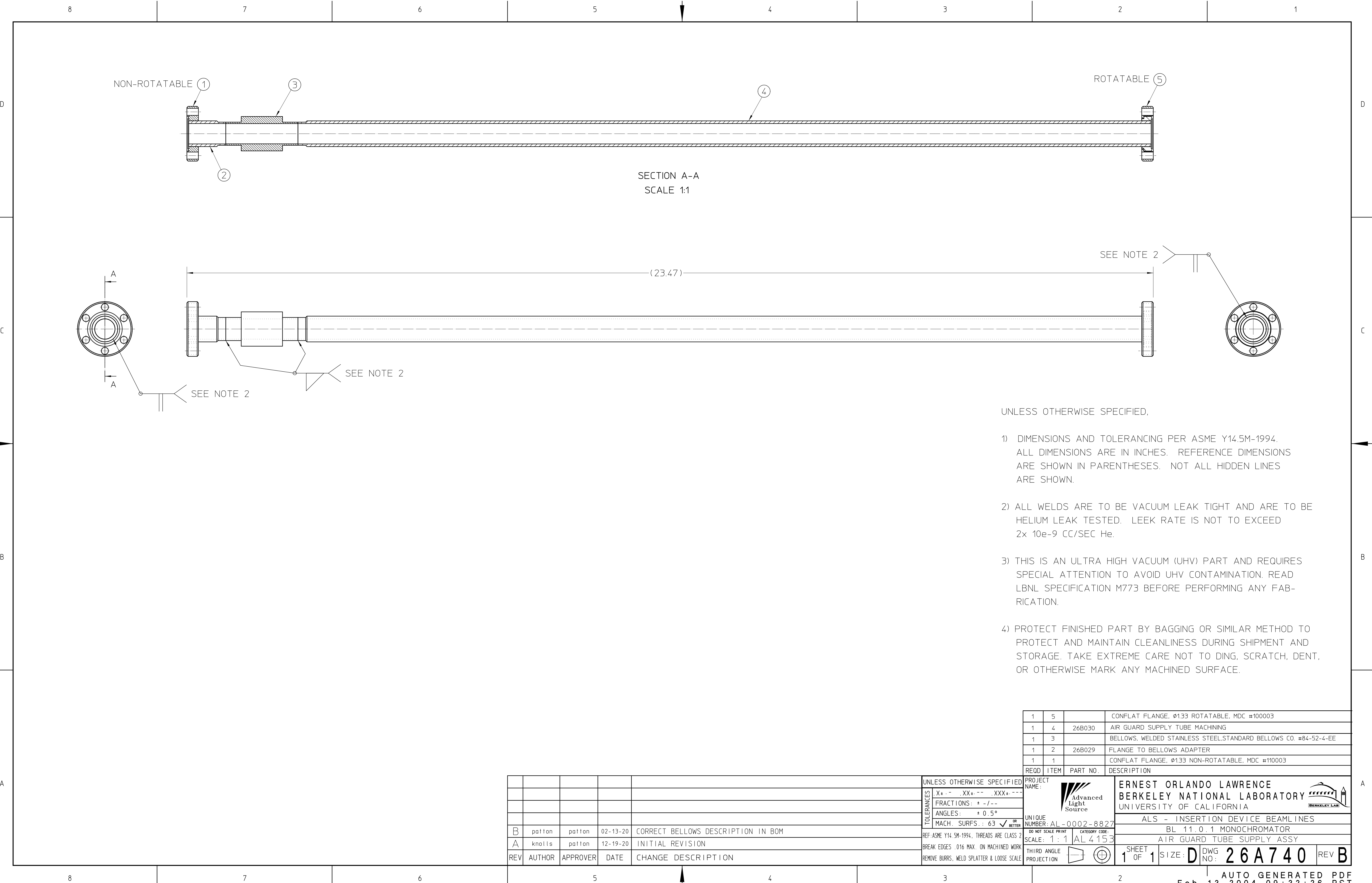




UNLESS OTHERWISE SPECIFIED,

- 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. LEEK RATE IS NOT TO EXCEED 2x 10e-9 CC/SEC He.
- 3) THIS IS AN ULTRA HIGH VACUUM (UHV) PART AND REQUIRES SPECIAL ATTENTION TO AVOID UHV CONTAMINATION. READ LBNL SPECIFICATION M773 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, Ø1.33 ROTATABLE, MDC #100003
1	4	26B030	AIR GUARD SUPPLY TUBE MACHINING
1	3		BELLOWS, WELDED STAINLESS STEEL,STANDARD BELLOWS CO. #84-52-4-EE
1	2	26B029	FLANGE TO BELLOWS ADAPTER
1	1		CONFLAT FLANGE, Ø1.33 NON-ROTATABLE, MDC #110003
RECD	ITEM	PART NO.	DESCRIPTION

					UNLESS OTHERWISE SPECIFIED
					TOLERANCES
					FRACTIONS: * - / - - .XXX± .---
					ANGLES: ± 0.5°
					MACH. SURFS.: 63 ✓ OR BETTER
B	patton	patton	02-13-20	CORRECT BELLOWS DESCRIPTION IN BOM	REF:ASME Y14.5M-1994, THREADS ARE CLASS 2
A	knolls	patton	12-19-20	INITIAL REVISION	BREAK EDGES .016 MAX. ON MACHINED WORK
REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION	REMOVE BURRS, WELD SPLATTER & LOOSE SCALE

Advanced Light Source

UNIQUE NUMBER: AL-0002-8827
DO NOT SCALE PRINT
SCALE: 1 : 1
CATEGORY CODE: AL 4 1 5 3
THIRD ANGLE PROJECTION

ERNEST ORLANDO LAWRENCE
BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA

ALS - INSERTION DEVICE BEAMLINES
BL 11.0.1 MONOCHROMATOR
AIR GUARD TUBE SUPPLY ASSY

SHEET 1 OF 1
SIZE: D
DWG NO: 26A740
REV B