

D

C

B

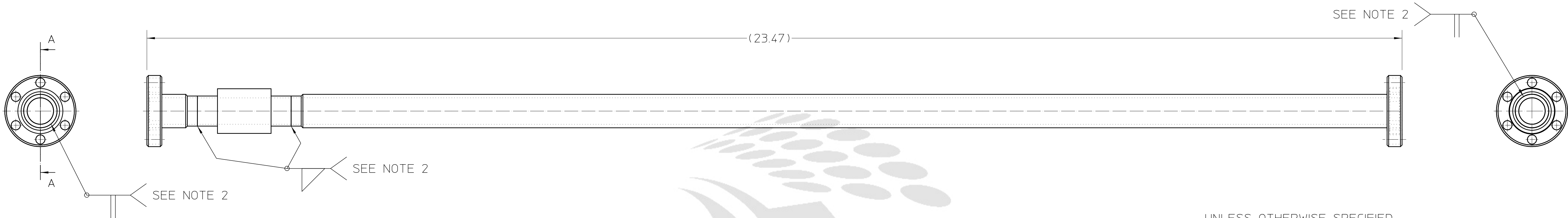
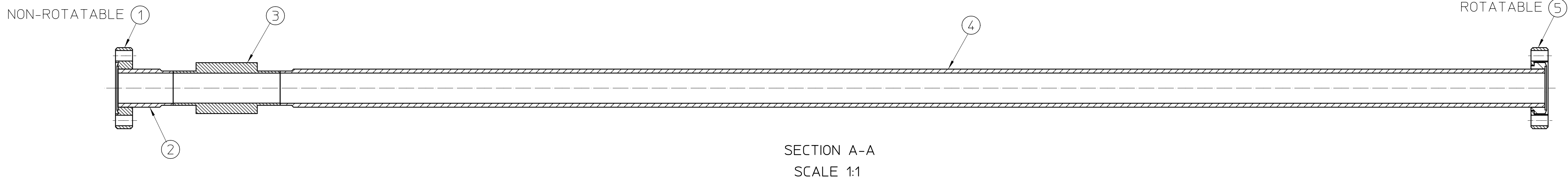
A

D

C

B

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. 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.

REV	AUTHOR	APPROVER	DATE	CHANGE DESCRIPTION
B	patton	patton	02-13-20	CORRECT BELLOWS DESCRIPTION IN BOM
A	knolls	patton	12-19-20	INITIAL REVISION

UNLESS OTHERWISE SPECIFIED
TOLERANCES
FRACTIONS: * - / - -
ANGLES: ± 0.5°
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

PROJECT NAME:
UNIQUE NUMBER: AL-0002-8827
DO NOT SCALE PRINT
SCALE: 1:1
CATEGORY CODE: AL 4153
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