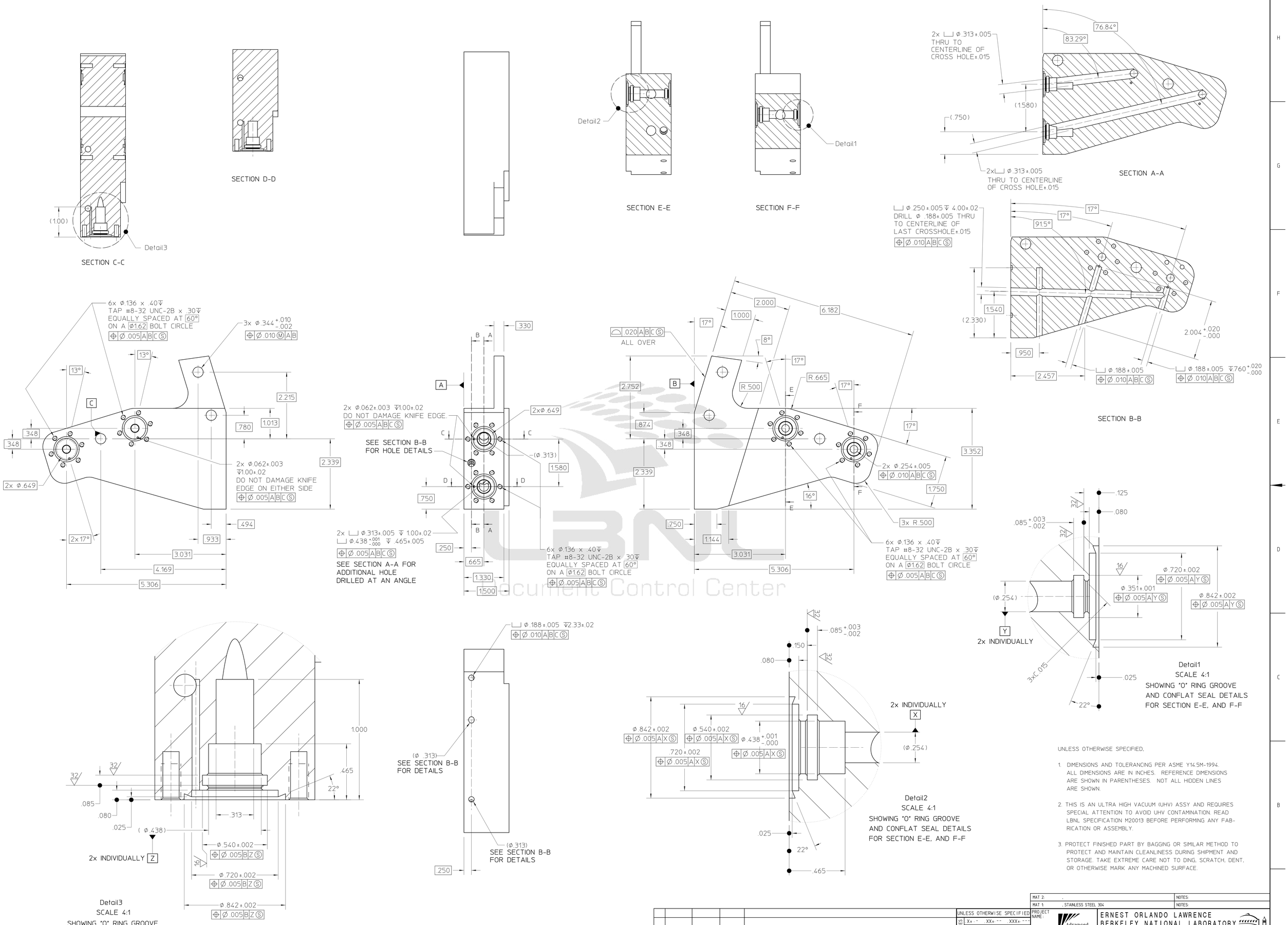

UNLESS OTHERWISE SPECIFIED,

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. THIS IS AN ULTRA HIGH VACUUM (UHV) ASSY AND REQUIRES SPECIAL ATTENTION TO AVOID UHV CONTAMINATION. READ LBNL SPECIFICATION M20013 BEFORE PERFORMING ANY FABRICATION OR ASSEMBLY.
3. 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
A	knolls	patton	06-30-20	INITIAL REVISION

UNLESS OTHERWISE SPECIFIED
TOLERANCES: .X± .-- .XX± .-- .XXX± .--- ; FRACTIONS: ± -/-- ; 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

MAT 2: . NOTES:
MAT 1: , STAINLESS STEEL 304 NOTES:

PROJECT NAME: Advanced Light Source
UNIQUE NUMBER: AL-0007-5130
DO NOT SCALE PRINT — CATEGORY CODE: AL 4165
SCALE: 1 : 1
THIRD ANGLE PROJECTION

ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY
UNIVERSITY OF CALIFORNIA

ALS - INSERTION DEVICE BEAMLINES
BL 6.0.1.2 BRANCHLINE
MIRROR COOLING MANIFOLD BLOCK

SHEET 1 OF 1 | SIZE: E | DWG NO: 26B210 | REV B

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