

D

D

C

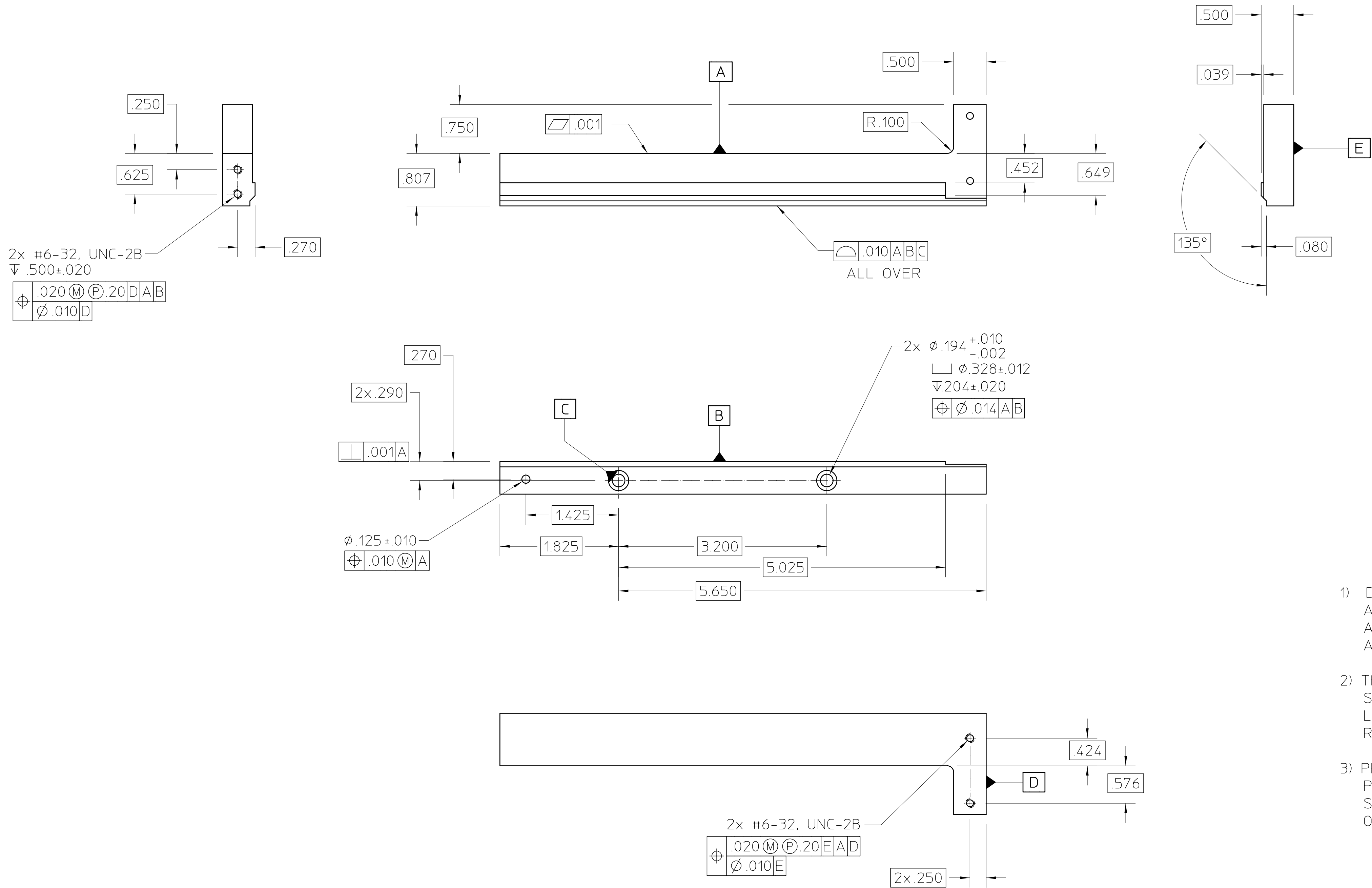
C

B

B

A

A



- 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) PART AND REQUIRES SPECIAL ATTENTION TO AVOID UHV CONTAMINATION. READ LBNL SPECIFICATION M20013 BEFORE PERFORMING ANY FAB- RICATION.
- 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.

|  |  |  |  |  |                                    |  |                                                                                                                                                                                      |  |
|--|--|--|--|--|------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|  |  |  |  |  | MAT 2: .                           |  | NOTES:                                                                                                                                                                               |  |
|  |  |  |  |  | MAT 1: . COPPER, OFE               |  | NOTES:                                                                                                                                                                               |  |
|  |  |  |  |  | PROJECT NAME:<br>PROJECT NUMBER:   |  | ERNEST ORLANDO LAWRENCE<br>BERKELEY NATIONAL LABORATORY<br>UNIVERSITY OF CALIFORNIA<br>ALS - INSERTION DEVICE BEAMLINES<br>BL 6.0.1.2 BRANCHLINE<br>GRATING COOLING SIDE PLATE RIGHT |  |
|  |  |  |  |  |                                    |  |                                                                                                                                                                                      |  |
|  |  |  |  |  |                                    |  |                                                                                                                                                                                      |  |
|  |  |  |  |  | DO NOT SCALE PRINT<br>SCALE: 1 : 1 |  | CATEGORY CODE:<br>AL 4 1 6 5                                                                                                                                                         |  |
|  |  |  |  |  | THIRD ANGLE<br>PROJECTION          |  | SHEET 1 OF 1<br>SIZE: D                                                                                                                                                              |  |
|  |  |  |  |  |                                    |  | DWG NO: 2 6 B 3 3 9                                                                                                                                                                  |  |
|  |  |  |  |  |                                    |  | REV A                                                                                                                                                                                |  |

|                                            |
|--------------------------------------------|
| UNLESS OTHERWISE SPECIFIED                 |
| TOLERANCES                                 |
| 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  |

|     |   |        |          |          |                    |
|-----|---|--------|----------|----------|--------------------|
| REV | A | patton | patton   | 06-30-20 | INITIAL REVISION   |
| REV |   | AUTHOR | APPROVER | DATE     | CHANGE DESCRIPTION |