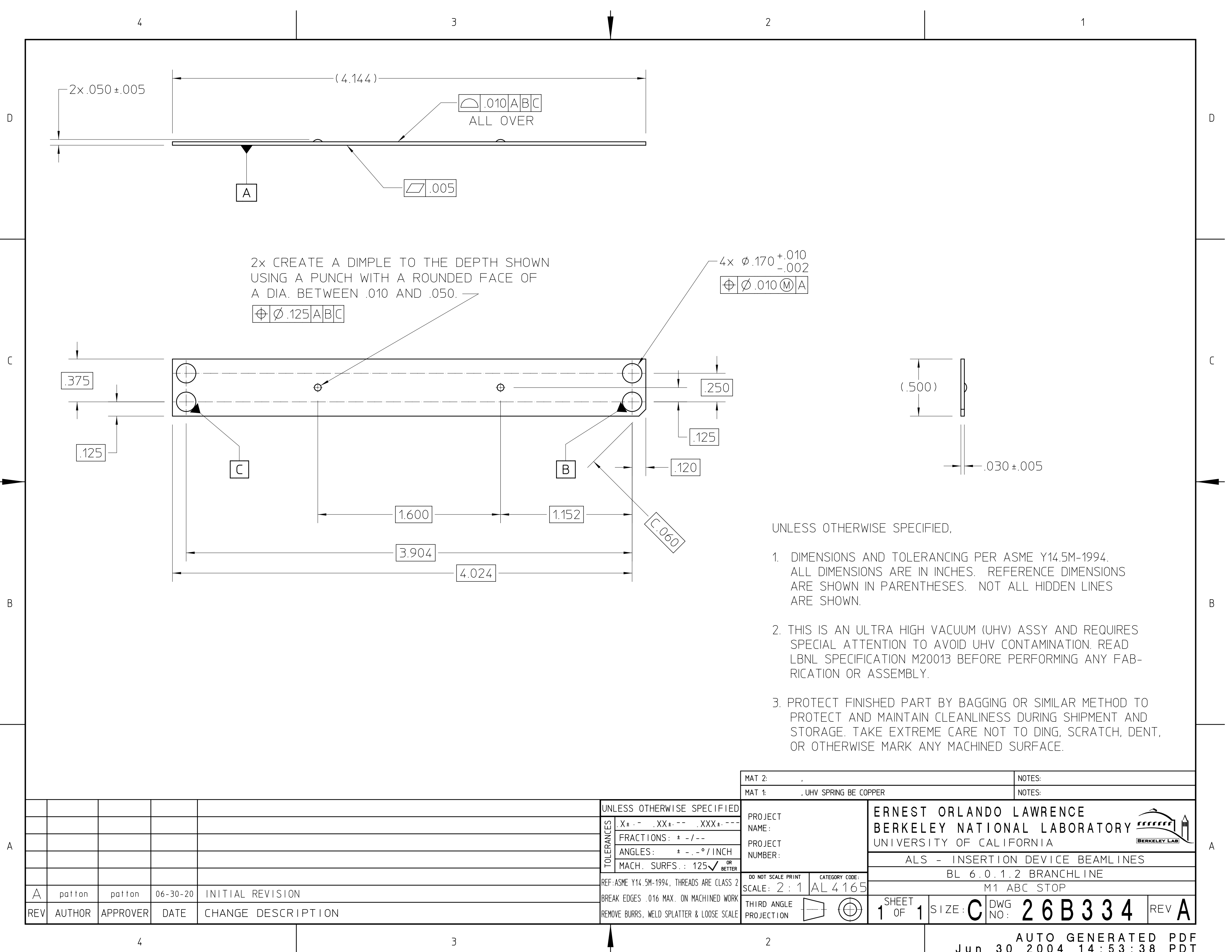




2x CREATE A DIMPLE TO THE DEPTH SHOWN  
USING A PUNCH WITH A ROUNDED FACE OF  
A DIA. BETWEEN .010 AND .050.

$\varnothing .125$  A B C

4x  $\varnothing .170^{+.010}_{-.002}$   
 $\varnothing .010$  M A

UNLESS OTHERWISE SPECIFIED,

- 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.
- 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.
- 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: , UHV SPRING BE COPPER |  | NOTES:                           |  |
|  |  |  |  |  | PROJECT NAME:                 |  | ERNEST ORLANDO LAWRENCE          |  |
|  |  |  |  |  | PROJECT NUMBER:               |  | BERKELEY NATIONAL LABORATORY     |  |
|  |  |  |  |  |                               |  | UNIVERSITY OF CALIFORNIA         |  |
|  |  |  |  |  |                               |  | ALS - INSERTION DEVICE BEAMLINES |  |
|  |  |  |  |  |                               |  | BL 6.0.1.2 BRANCHLINE            |  |
|  |  |  |  |  |                               |  | M1 ABC STOP                      |  |
|  |  |  |  |  | SHEET 1 OF 1                  |  | SIZE: C                          |  |
|  |  |  |  |  | DWG NO: 26B334                |  | REV A                            |  |

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

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