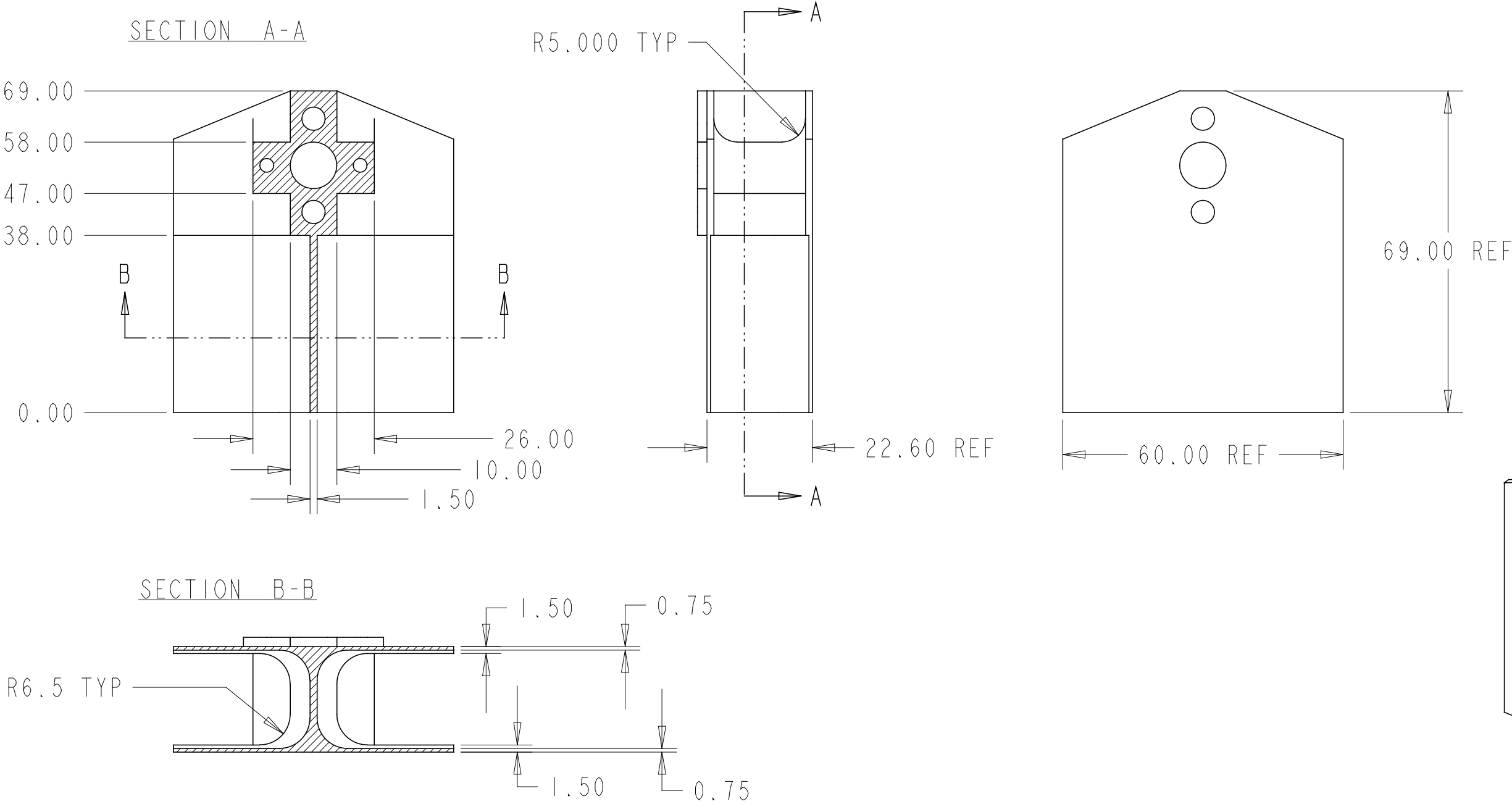


MASS REDUCTION FEATURES:



|     |     |     |      |      |         |  |                               |                |  |                  |               |          |
|-----|-----|-----|------|------|---------|--|-------------------------------|----------------|--|------------------|---------------|----------|
|     |     |     |      |      |         | UNLESS OTHERWISE SPECIFIED                       | SHOP ORDERS                   | SER NO. -      | <div>ERNEST ORLANDO LAWRENCE<br/>BERKELEY NATIONAL LABORATORY</div> <div>UNIVERSITY OF CALIFORNIA - BERKELEY</div> <div>ATLAS PIXEL DETECTOR<br/>BEAM PIPE AND SERVICES SUPPORT<br/>Trolley Interface Cruciform Insert, No Longer on Support</div> |                  |               |          |
|     |     |     |      |      |         | TOLERANCES                                       | ACCT NO. NO. REQD 8           | DATE ISSD -    |  |                  |               |          |
|     |     |     |      |      |         |  | DEL TO E Anderssen            | DATE REQD -    |  |                  |               |          |
|     |     |     |      |      |         |  | SURFACE TREATMT Clear Anodize |                |  |                  |               |          |
|     |     |     |      |      |         | DO NOT SCALE PRINT                               | IDENT METHOD TAG              |                | PART250152 250 54 SHEET 2 OF 2   |                  |               |          |
|     |     |     |      |      |         | THREADS ARE CLASS 2                              | PROJECT NUMBER                |                |  |                  |               |          |
|     |     |     |      |      |         | CHAMFER ENDS OF ALL SCREW TREADS 30°             | PROJECT NAME                  |                |  |                  |               |          |
|     |     |     |      |      |         | CUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREADS | DWG BY D Uken                 | DATE 03-Nov-03 |  |                  |               |          |
|     |     |     |      |      |         | BREAK EDGES .016 MAX. ON MACHINED WORK           | CHK BY N Hartman              | DATE           | PATENT CLEAR:  | DESIGN ACCT. NO. | CATEGORY CODE | DWG. NO. |
|     |     |     |      |      |         | REMOVE BURRS, WELD SPLATTER & LOOSE SCALE        | APR BY E Anderssen            | DATE           | See WebJ0  | AP1000           |               | 2501662  |
|     |     |     |      |      |         | IN ACCORDANCE WITH ASME Y14.5M & B46.1           |                               |                |  |                  |               | 1        |
| REV | DWG | CHK | ZONE | DATE | CHANGES |  |                               |                |  |                  |               |          |