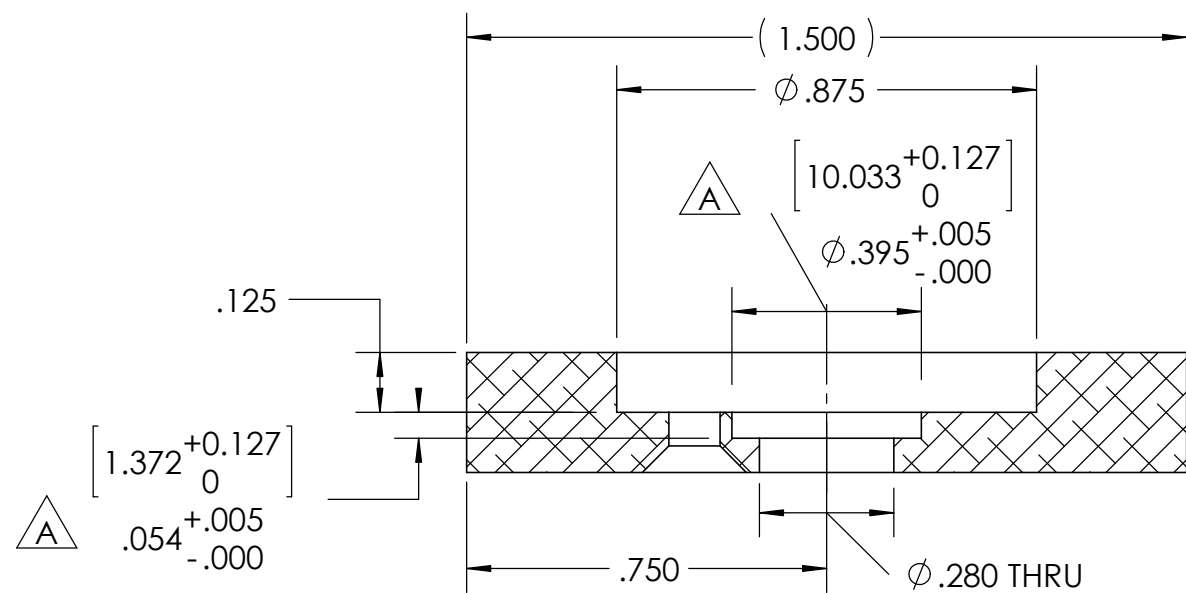
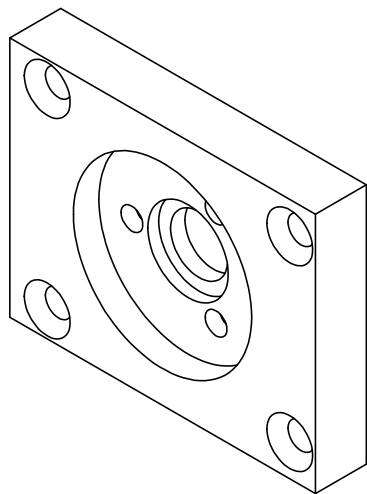
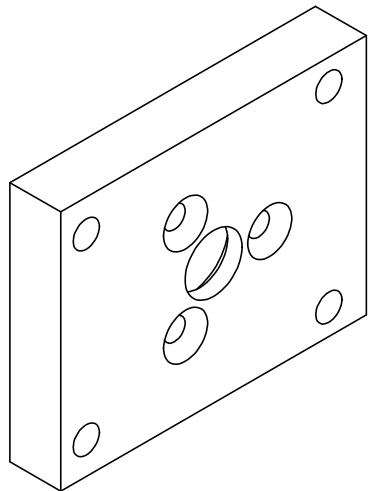
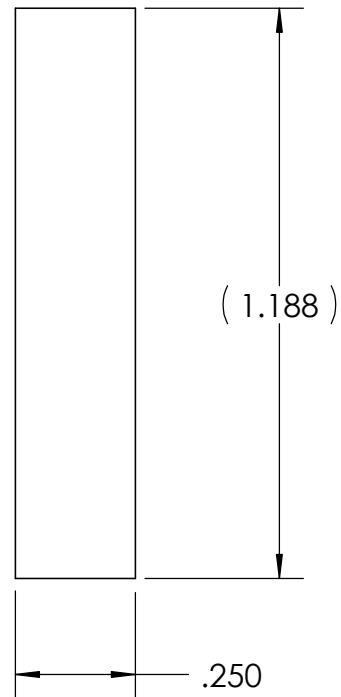
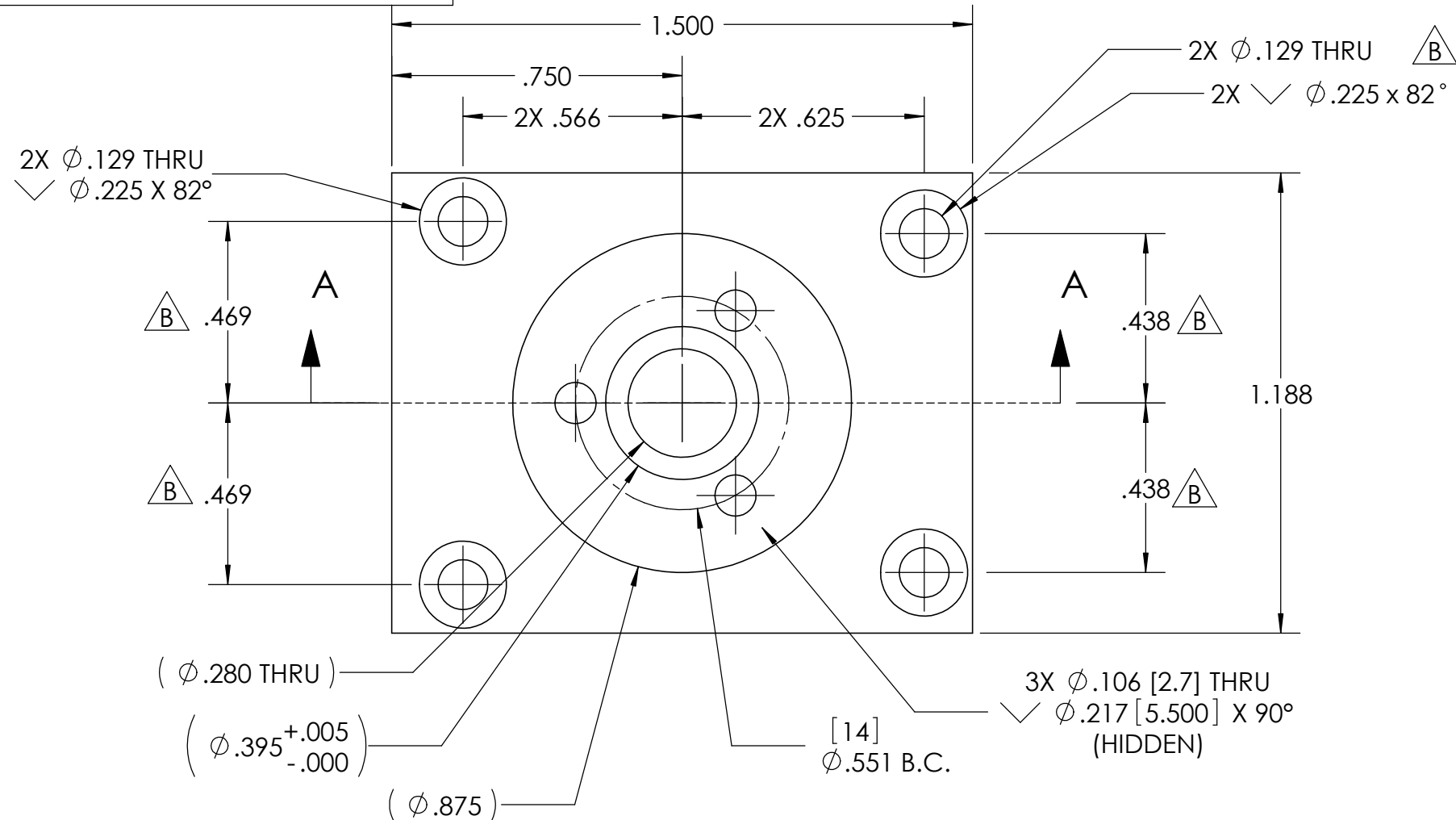


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|                 |      |                                   |           |          |
|-----------------|------|-----------------------------------|-----------|----------|
| REVISIONS       |      |                                   |           |          |
| INITIAL RELEASE |      |                                   | X/XX/01   | J.E.     |
| REVISIONS       |      |                                   |           |          |
| ZONE            | REV. | DESCRIPTION                       | DATE      | APPROVED |
| A7              | A    | CHG. DIM frm .50 to .54. ADD TOL. | 5/29/2012 | J.E.     |
|                 | B    | CHG DIM'S, CHG CNTR SINK #6 to #4 | 6/11/2012 | J.E.     |



SECTION A-A  
SCALE 2.5 : 1

4 EA.

|                          |                  |                                                                                                          |                      |                                                                                                                                          |                                            |
|--------------------------|------------------|----------------------------------------------------------------------------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
| 1                        | 1                | P-200992-11                                                                                              | Valve Mount Rib      | MBARI                                                                                                                                    | Aluminum 6061-T6                           |
| ITEM NO.                 | QTY.             | Part Number                                                                                              | DESCRIPTION          | Vendor                                                                                                                                   | MATERIAL                                   |
| <b>BILL OF MATERIALS</b> |                  |                                                                                                          |                      |                                                                                                                                          |                                            |
| <b>Shop / Q.C.</b>       |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                               |                      | <b>Monterey Bay Aquarium Research Institute</b><br> |                                            |
| Inspector                |                  | 1 PLACED DIM<br>±1/16                                                                                    | 2 PLACED DIM<br>±.02 | 3 PLACED DIM<br>±.005                                                                                                                    | 4 ANGLES<br>±1°                            |
| Shop Foreman             |                  | 1. DIMENSIONS ARE IN INCHES                                                                              |                      |                                                                                                                                          |                                            |
| Engineer                 |                  | 2. DIMENSION LIMITS HELD AFTER PLATING.                                                                  |                      |                                                                                                                                          |                                            |
|                          |                  | 3. REMOVE BURRS AND SHARP EDGES .015 MAX.                                                                |                      |                                                                                                                                          |                                            |
|                          |                  | 4. MACHINED FILLET RADII .0150-.030.                                                                     |                      |                                                                                                                                          |                                            |
| NEXT ASSY Description    | NEXT ASSY Number | 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005                                      |                      |                                                                                                                                          |                                            |
|                          | A-200991-11      | 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE. |                      |                                                                                                                                          |                                            |
| Application              |                  | DO NOT SCALE DRAWING                                                                                     |                      | WEIGHT                                                                                                                                   | 0.03                                       |
|                          |                  |                                                                                                          |                      | SIZE B                                                                                                                                   | DWG. NO. P-200992-11.DWG                   |
|                          |                  |                                                                                                          |                      | SCALE 2:1                                                                                                                                | CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1 |

8. Finish: Gold Anodize per MIL-A-8625F  
Type IIB Class 2

7. PROJECT LIBRARY:\900739.LRAUV\Project.Drawings\Project.ME.Dwgs\LRAUV\  
Buoyancy Engine\valve actuator

NOTES: (CONT. FROM TITLE BLOCK)