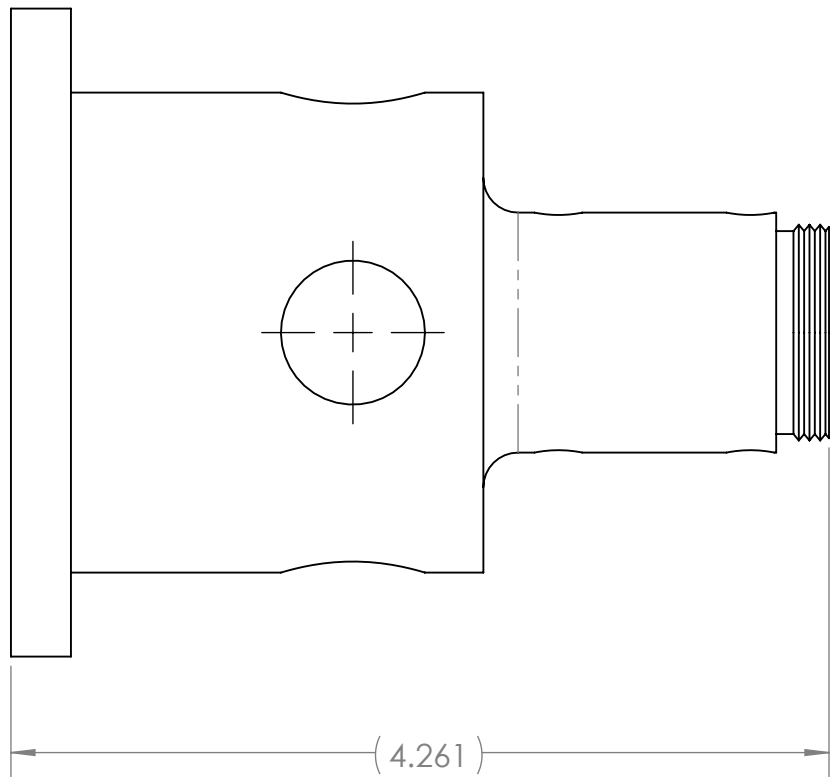


| REVISIONS |                 |         |          |
|-----------|-----------------|---------|----------|
| REV.      | DESCRIPTION     | DATE    | APPROVED |
|           | INITIAL RELEASE | X/XX/00 | J.E.     |



MODIFIED  
P-200531-25

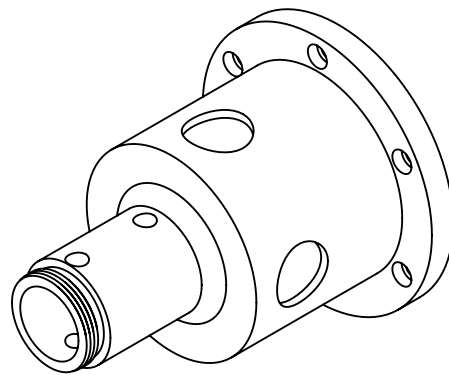
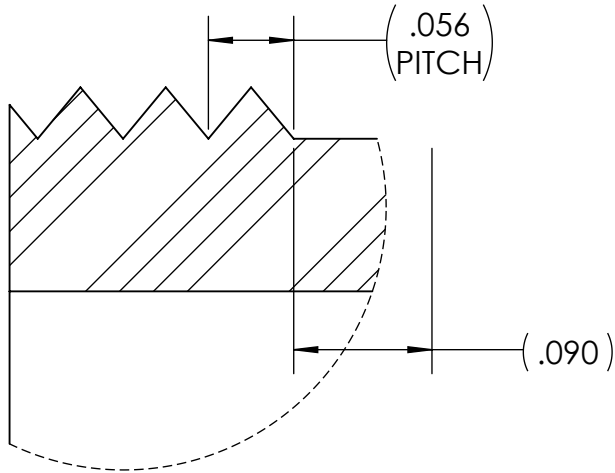
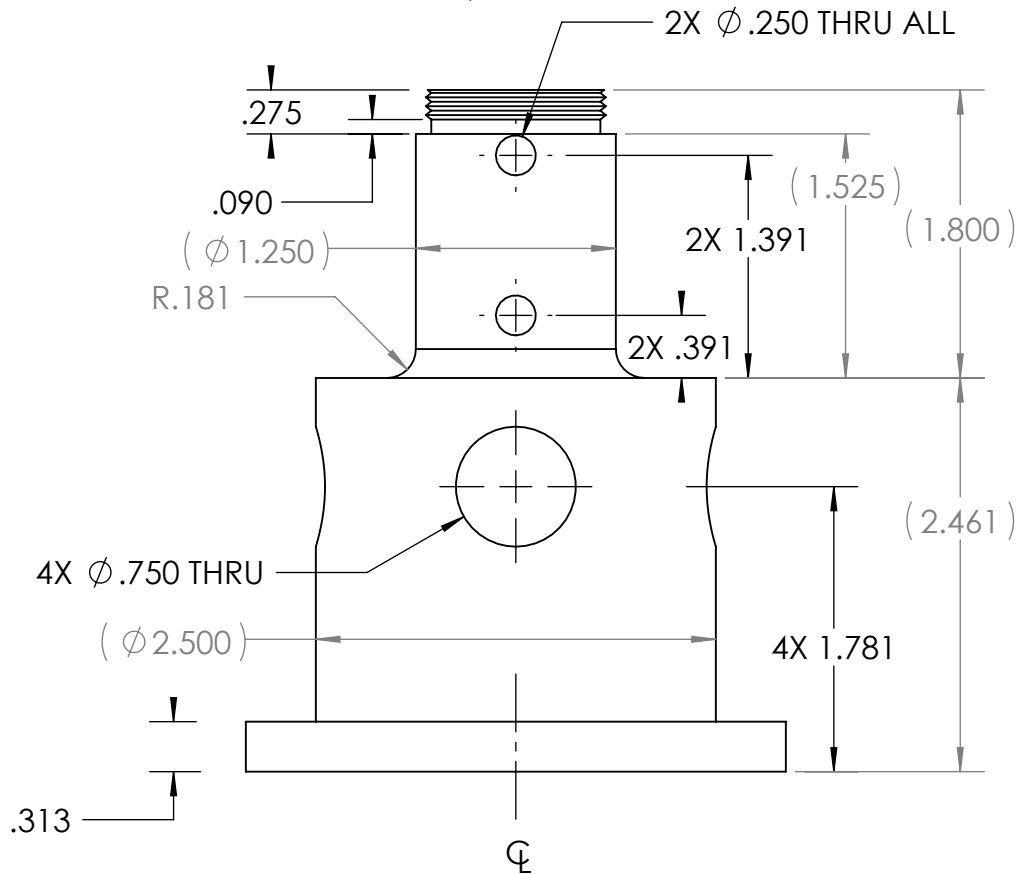
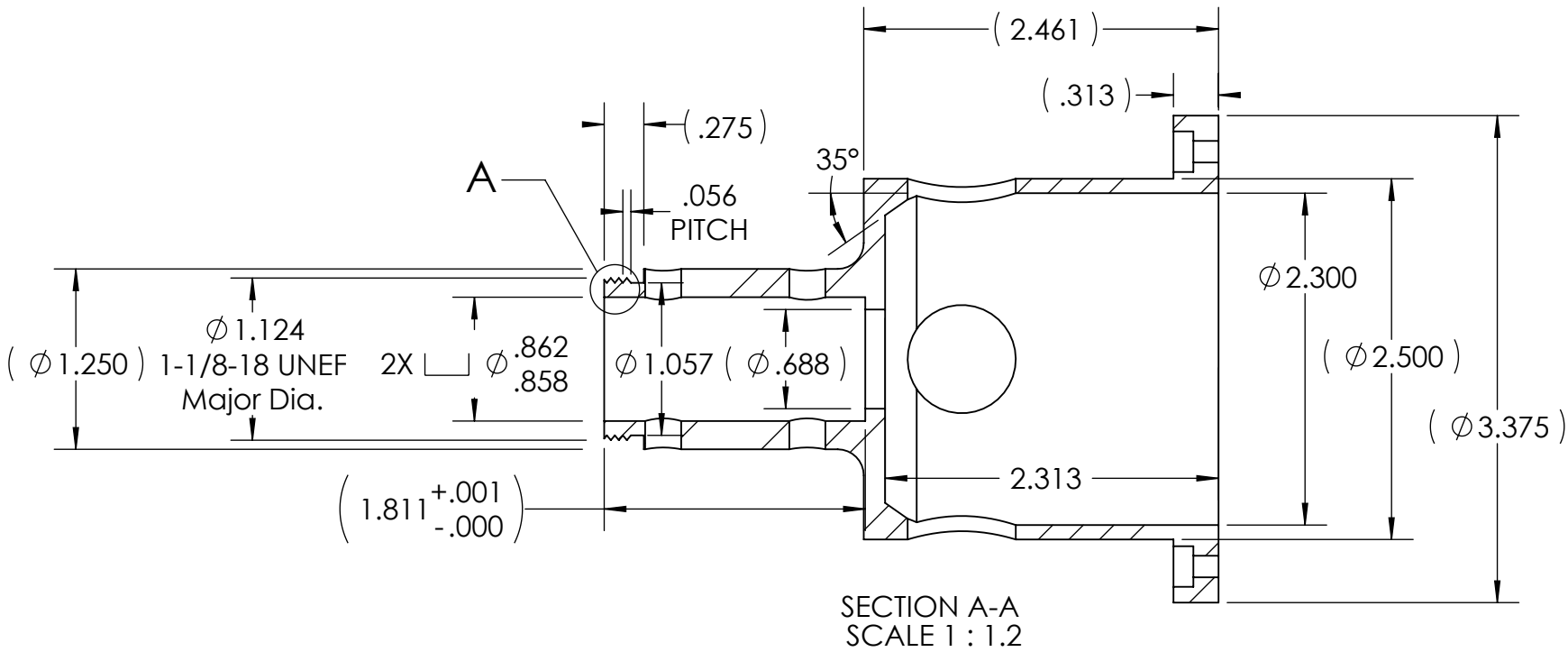
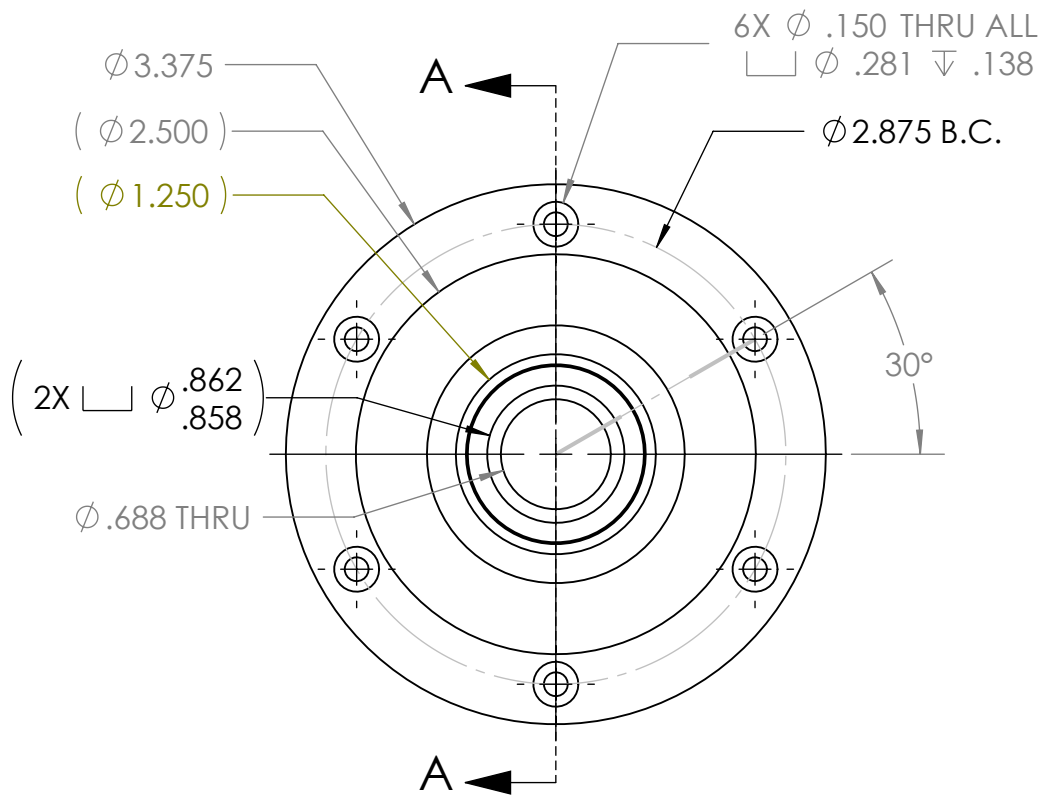
7. PROJECT LIBRARY:\902010\_MesoPelagic\_LRAUV\Project Drawings\  
Proj\_ME\_Dwgs\Dp\_ThrusterAssembly

Monterey Bay Aquarium Research Institute  
MBARI  
7700 Sandholdt RD.  
Moss Landing, CA 95039  
PH: (831) 775-1700



|           |                             |      |
|-----------|-----------------------------|------|
| SIZE<br>B | DWG. NO.<br>P-200531-25.DWG | REV. |
|-----------|-----------------------------|------|

SCALE 1:2 CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 2



DETAIL A  
SCALE 8 : 1

7. PROJECT LIBRARY:\X:\902010\_MesoPelagic\_LRAUV\Project Drawings\  
Proj\_ME\_Dwgs\Dp\_ThrusterAssembly  
NOTES: (CONT. FROM TITLE BLOCK)

|                       |                  |                                                                                                           |                         |                        |                               |
|-----------------------|------------------|-----------------------------------------------------------------------------------------------------------|-------------------------|------------------------|-------------------------------|
| 1                     | 1                | P-200531-25                                                                                               | Dp Thrust Bearing Mount | MBARI                  | POM Delrin Homopolymer        |
| ITEM NO.              | QTY.             | Part_Number                                                                                               | DESCRIPTION             | Vendor                 | MATERIAL                      |
| BILL OF MATERIALS     |                  |                                                                                                           |                         |                        |                               |
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                |                         | APPROVALS DATE         |                               |
| Inspector             |                  | 1 PLACE DIM $\pm 1/16$                                                                                    | 2 PLACE DIM $\pm .02$   | 3 PLACE DIM $\pm .005$ | ANGLES $\pm 1^\circ$          |
| Shop Foreman          |                  | 1. DIMENSIONS ARE IN INCHES                                                                               |                         | DRAWN                  | J. ERICKSON                   |
| Engineer              |                  | 2. DIMENSION LIMITS HELD AFTER PLATING.                                                                   |                         | ENGINEER               | J. ERICKSON                   |
|                       |                  | 3. REMOVE BURRS AND SHARP EDGES .015 MAX.                                                                 |                         | CHECKED                |                               |
|                       |                  | 4. MACHINED FILLET RADII .0150-.030.                                                                      |                         | PROJECT NO.            | 902010                        |
| NEXT ASSY Description | NEXT ASSY Number | 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005                                       |                         | PROJECT                | MESOP                         |
|                       | A-200503-25      | 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE. |                         | WEIGHT                 | 0.237 lb.                     |
| Application           |                  | DO NOT SCALE DRAWING                                                                                      |                         | SIZE B                 | DWG. NO.                      |
|                       |                  |                                                                                                           |                         | SCALE 1:2              | CAD FILE: MECH ENG ON TORNADO |
|                       |                  |                                                                                                           |                         |                        | SHEET 2 OF 2                  |

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MESOPELAGIC - LRAUV  
Dp Thrust Bearing Mount

P-200531-25.DWG