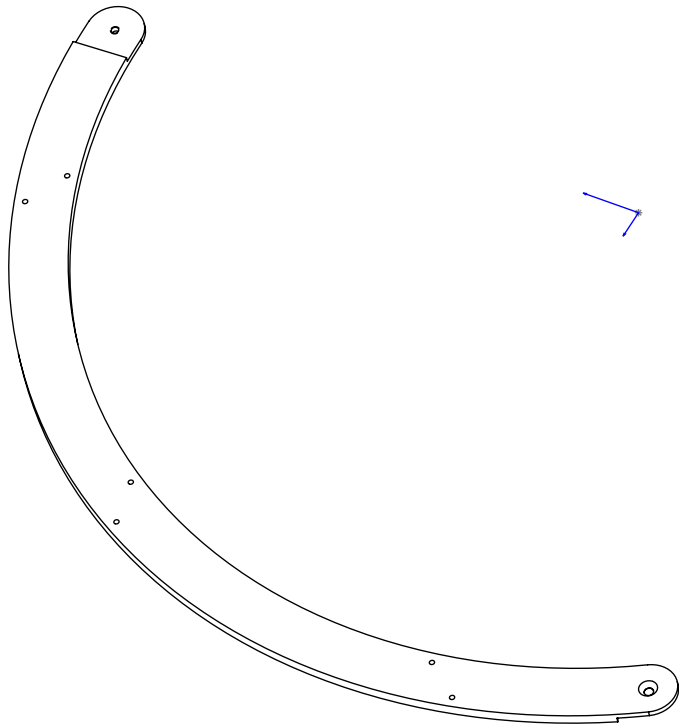


| REVISIONS |                 |      |          |
|-----------|-----------------|------|----------|
| REV.      | DESCRIPTION     | DATE | APPROVED |
|           | INITIAL RELEASE |      |          |



A cross-sectional view of a mechanical assembly labeled "DETAIL A". It shows two horizontal plates. The top plate has a thickness dimensioned as ".250". The bottom plate has a thickness dimensioned as ".125". There is a small vertical step or feature on the left side of the top plate.

| BILL OF MATERIALS                                                                                                                                                                                                                                                                   |                  |                                                                                                           |                     |                      |               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-----------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------|
| NEXT ASSY Description                                                                                                                                                                                                                                                               | NEXT ASSY Number | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                |                     | APPROVALS            | DATE          |
|                                                                                                                                                                                                                                                                                     |                  | 1 PLACE DIM<br>±1/16                                                                                      | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1° |
|                                                                                                                                                                                                                                                                                     |                  | 1. DIMENSIONS ARE IN INCHES                                                                               |                     | DRAWN                | 7/21/2009     |
|                                                                                                                                                                                                                                                                                     |                  | 2. DIMENSION LIMITS HELD AFTER PLATING.                                                                   |                     | ENGINEER             |               |
|                                                                                                                                                                                                                                                                                     |                  | 3. REMOVE BURRS AND SHARP EDGES .015 MAX.                                                                 |                     | Doug Pargett         |               |
|                                                                                                                                                                                                                                                                                     |                  | 4. MACHINED FILLET RADII .0150-.030.                                                                      |                     | CHECKED              |               |
|                                                                                                                                                                                                                                                                                     |                  | 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005                                       |                     | PROJECT NO.          | 703915        |
|                                                                                                                                                                                                                                                                                     |                  | 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE. |                     | PROJECT              |               |
| THIRD ANGLE PROJECTION                                                                                                                                                                                                                                                              |                  |                                                                                                           |                     |                      |               |
|                                                                                                                                                                                                |                  |                                                                                                           |                     |                      |               |
|                                                                                                                                                                                                                                                                                     |                  | DO NOT SCALE DRAWING                                                                                      |                     | WEIGHT               |               |
| <div style="float: right;">  </div> <b>Monterey Bay Aquarium Research Institute</b><br><b>MBARI</b><br><b>7700 Sandholdt RD.</b><br><b>Moss Landing, CA 95039</b><br><b>PH: (831) 775-1700</b> |                  |                                                                                                           |                     |                      |               |
| Deep ESP Heater Ring                                                                                                                                                                                                                                                                |                  |                                                                                                           |                     |                      |               |
| SIZE B                                                                                                                                                                                                                                                                              |                  | DWG. NO. 200763                                                                                           |                     | REV. REV             |               |
| SCALE 1:4                                                                                                                                                                                                                                                                           |                  | CAD FILE:                                                                                                 |                     | SHEET 1 OF 1         |               |