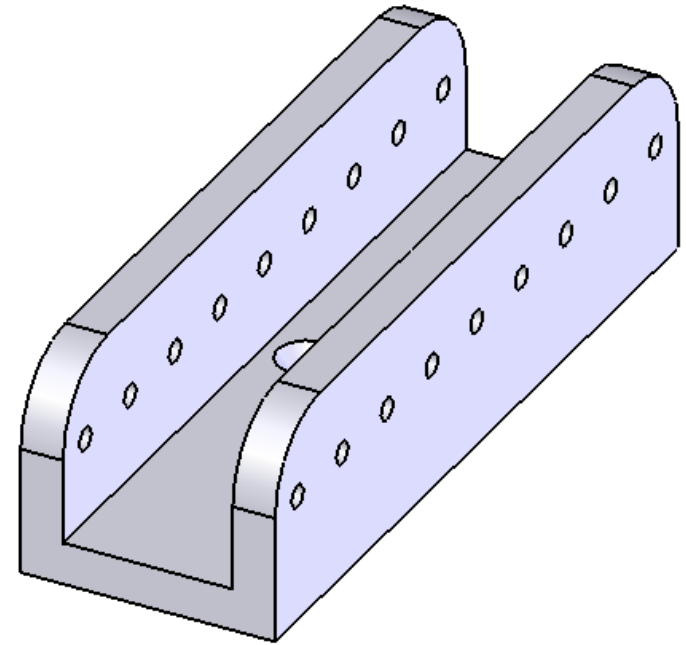
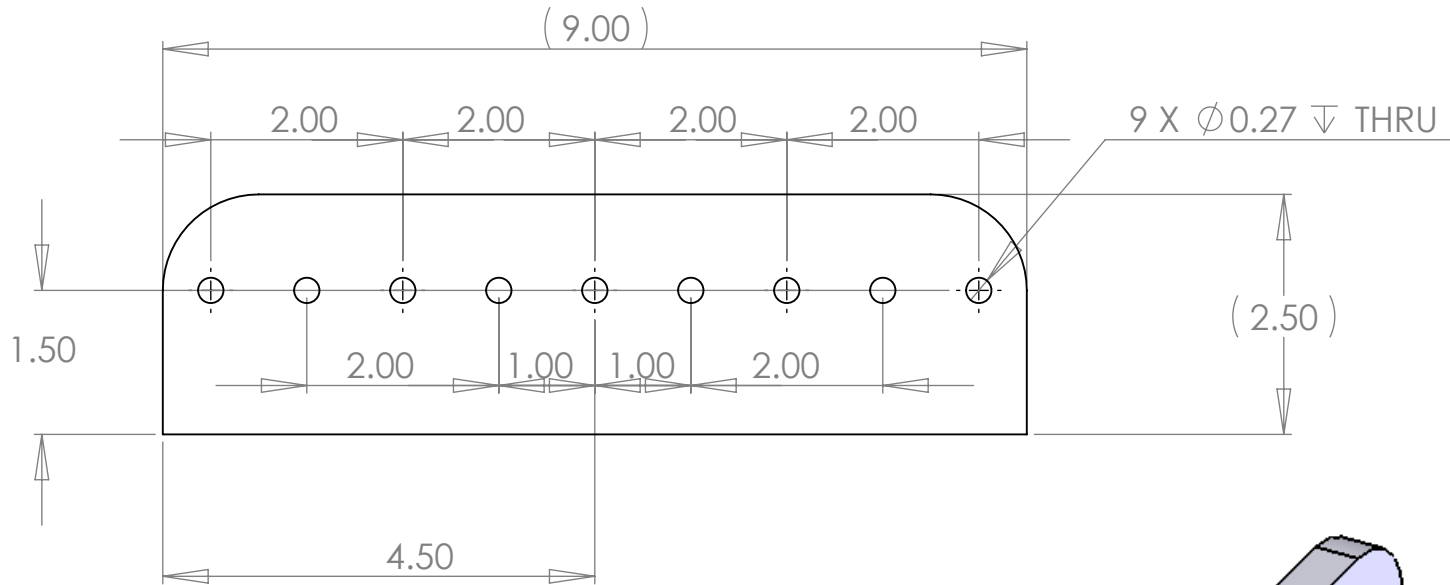


| REVISIONS |                 |      |          |
|-----------|-----------------|------|----------|
| REV.      | DESCRIPTION     | DATE | APPROVED |
|           | INITIAL RELEASE |      |          |



| BILL OF MATERIALS     |                  |                                                                                                                                                                                                                                                                                                                                                |                     |                               |               |              |         |                                                                                                                                                                                                                                                     |  |
|-----------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------|---------------|--------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                     |                     |                               |               | APPROVALS    |         | DATE                                                                                                                                                                                                                                                |  |
| Inspector             |                  | 1 PLACE DIM<br>±1/16                                                                                                                                                                                                                                                                                                                           | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005          | ANGLES<br>±1° | DRAWN        | L. Bird | 10/28/07                                                                                                                                                                                                                                            |  |
| Shop Foreman          |                  | 1. DIMENSIONS ARE IN INCHES<br>2. DIMENSION LIMITS HELD AFTER PLATING.<br>3. REMOVE BURRS AND SHARP EDGES .015 MAX.<br>4. MACHINED FILLET RADII .0150-.030.<br>5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005<br>6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH MAX .012 INCHES FOR SINGLE SURFACE. |                     |                               |               | ENGINEER     |         | <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><br> |  |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                |                     |                               |               | CHECKED      |         |                                                                                                                                                                                                                                                     |  |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                |                     |                               |               | PROJECT NO.  |         | 900729                                                                                                                                                                                                                                              |  |
|                       |                  | PROJECT                                                                                                                                                                                                                                                                                                                                        |                     | Tiburon Replacement           |               |              |         |                                                                                                                                                                                                                                                     |  |
|                       |                  | SIZE B                                                                                                                                                                                                                                                                                                                                         |                     | DWG. NO.                      |               | 10020014DWG  |         |                                                                                                                                                                                                                                                     |  |
|                       |                  | SCALE 1:5                                                                                                                                                                                                                                                                                                                                      |                     | CAD FILE: MECH ENG ON TORNADO |               | SHEET 1 OF 1 |         |                                                                                                                                                                                                                                                     |  |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                           |                     |                               |               | WEIGHT       |         |                                                                                                                                                                                                                                                     |  |