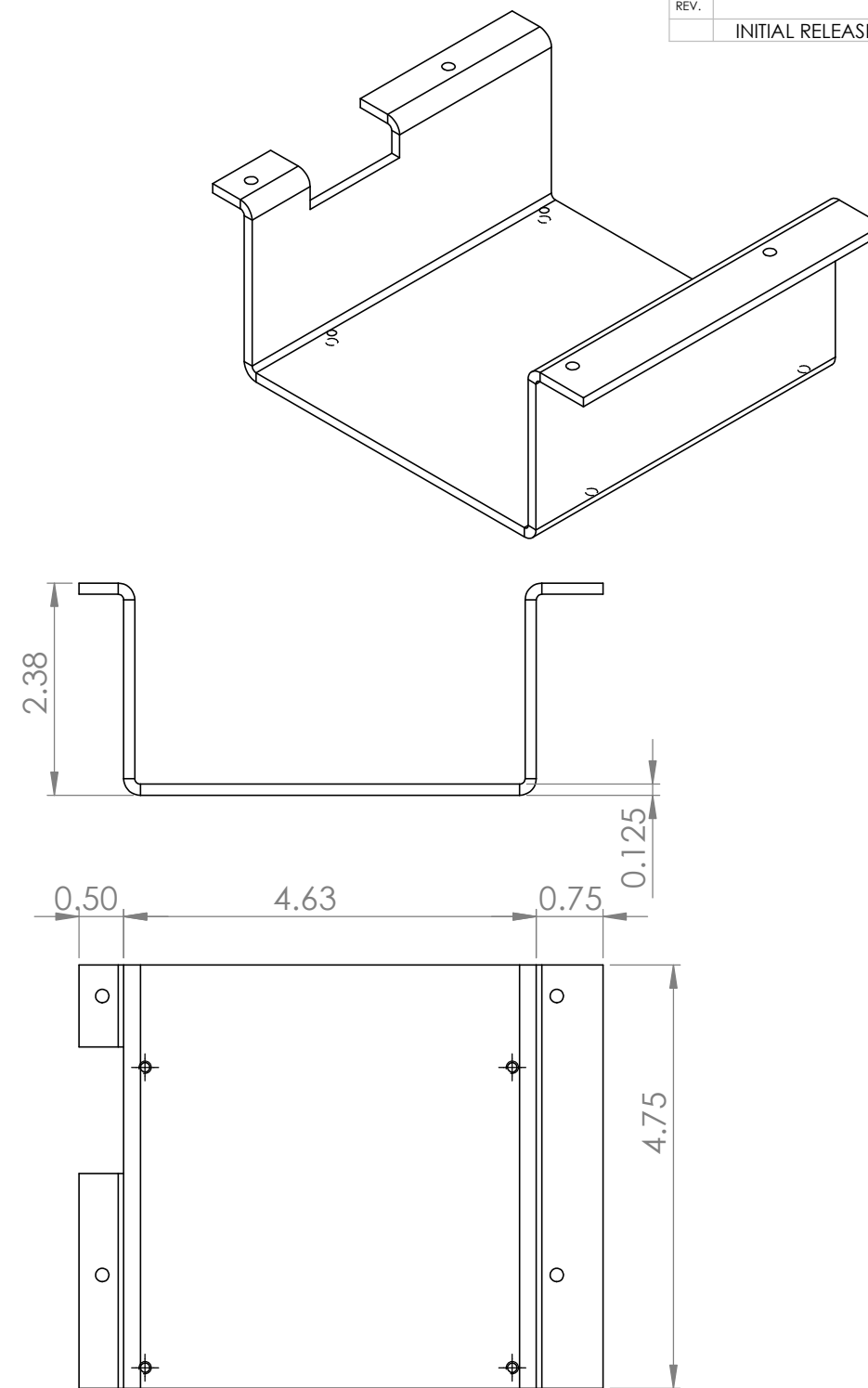
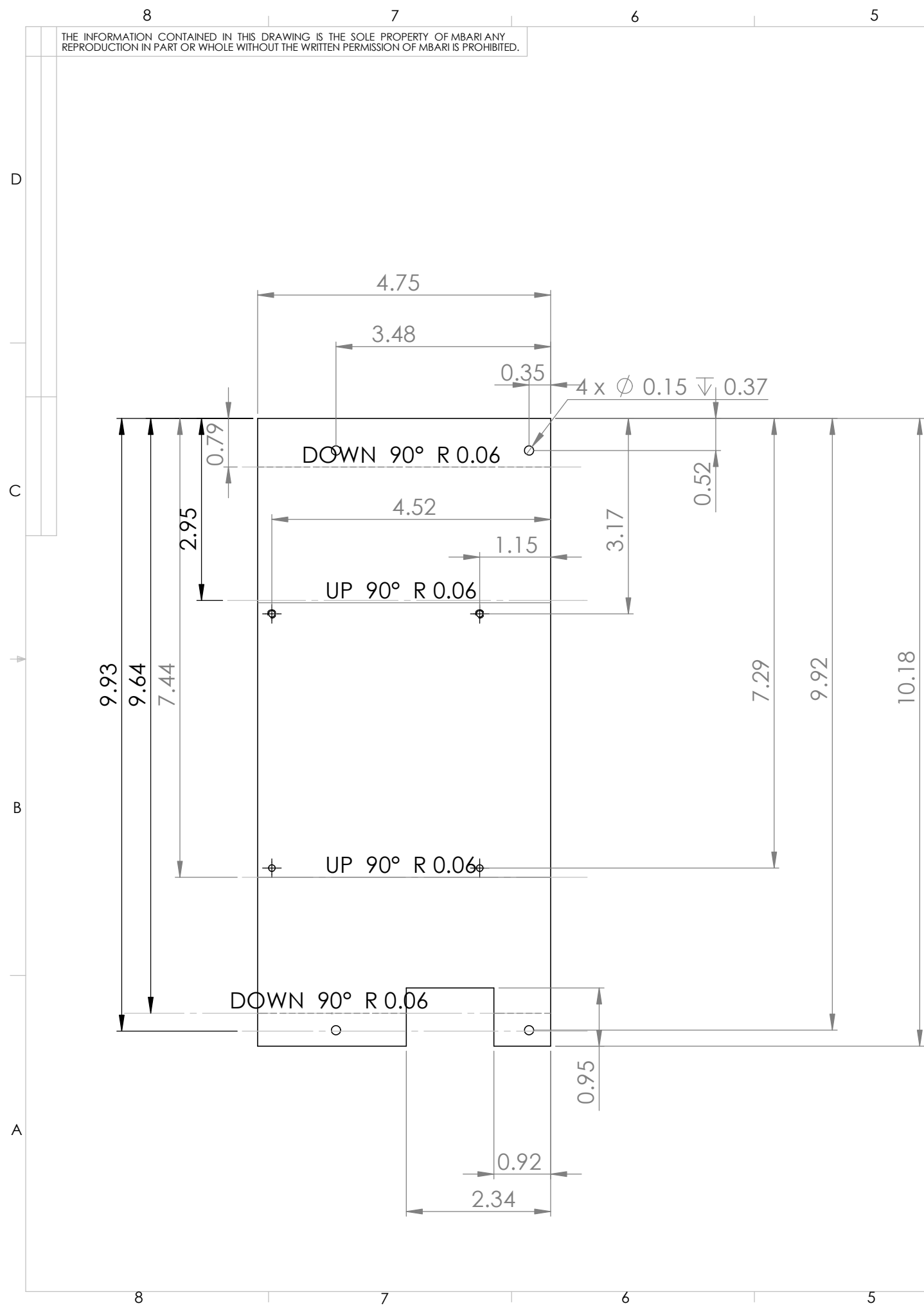




1/8 aluminum sheet

| BILL OF MATERIALS     |                  |                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                               |               |                     |              |               |  |                                                                                                                                                                                                                                                                                                                     |  |
|-----------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------|---------------|---------------------|--------------|---------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                                                                              |                     |                               |               | APPROVALS           |              | DATE          |  | <div>Monterey Bay Aquarium Research Institute</div> <div><div>MBARI</div><div>7700 Sandholdt RD.</div><div>Moss Landing, CA 95039</div><div>PH: (831) 775-1700</div></div> <div><div></div><div>RelayBrd/MntShtMtl</div></div> |  |
| Inspector             |                  | 1 PLACE DIM<br>±.1/16                                                                                                                                                                                                                                                                                                                                                                                   | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005          | ANGLES<br>±1° | DRAWN<br>Craig Dawe | 11/05/2018   |               |  |                                                                                                                                                                                                                                                                                                                     |  |
| Shop Foreman          |                  | <div>1. DIMENSIONS ARE IN INCHES</div> <div>2. DIMENSION LIMITS HELD AFTER PLATING.</div> <div>3. REMOVE BURRS AND SHARP EDGES .015 MAX.</div> <div>4. MACHINED FILLET RADIII .0150-.030.</div> <div>5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005</div> <div>6. PERPENDICULARITY &amp; PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.</div> |                     |                               |               | ENGINEER            | NAME 9/27/00 |               |  |                                                                                                                                                                                                                                                                                                                     |  |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                               |               | CHECKED             |              |               |  |                                                                                                                                                                                                                                                                                                                     |  |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                               |               | PROJECT NO.         |              | 701127        |  |                                                                                                                                                                                                                                                                                                                     |  |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                                                                         |                     |                               |               | PROJECT             |              | MARS Mininode |  |                                                                                                                                                                                                                                                                                                                     |  |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                                                                                    |                     |                               |               | WEIGHT              |              |               |  |                                                                                                                                                                                                                                                                                                                     |  |
|                       |                  | 3                                                                                                                                                                                                                                                                                                                                                                                                       |                     |                               |               | 2                   |              | 1             |  |                                                                                                                                                                                                                                                                                                                     |  |
|                       |                  | SCALE 1:2                                                                                                                                                                                                                                                                                                                                                                                               |                     | CAD FILE: MECH ENG ON TORNADO |               | SHEET 1             |              | OF 1          |  |                                                                                                                                                                                                                                                                                                                     |  |