

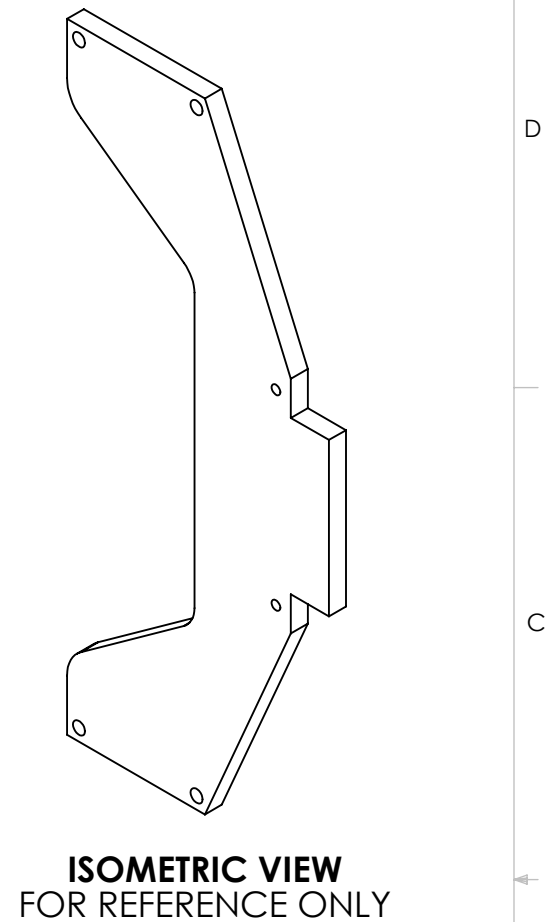
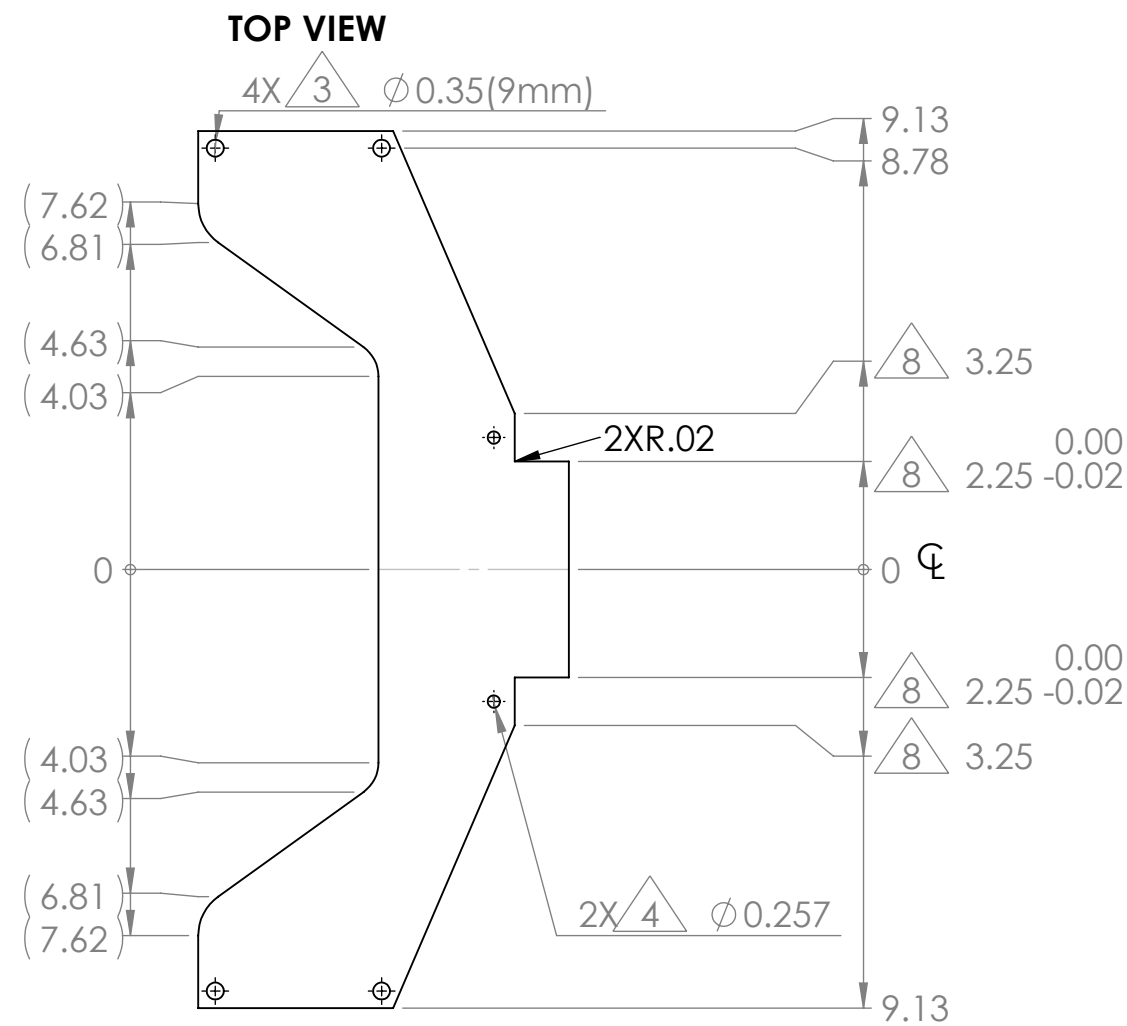
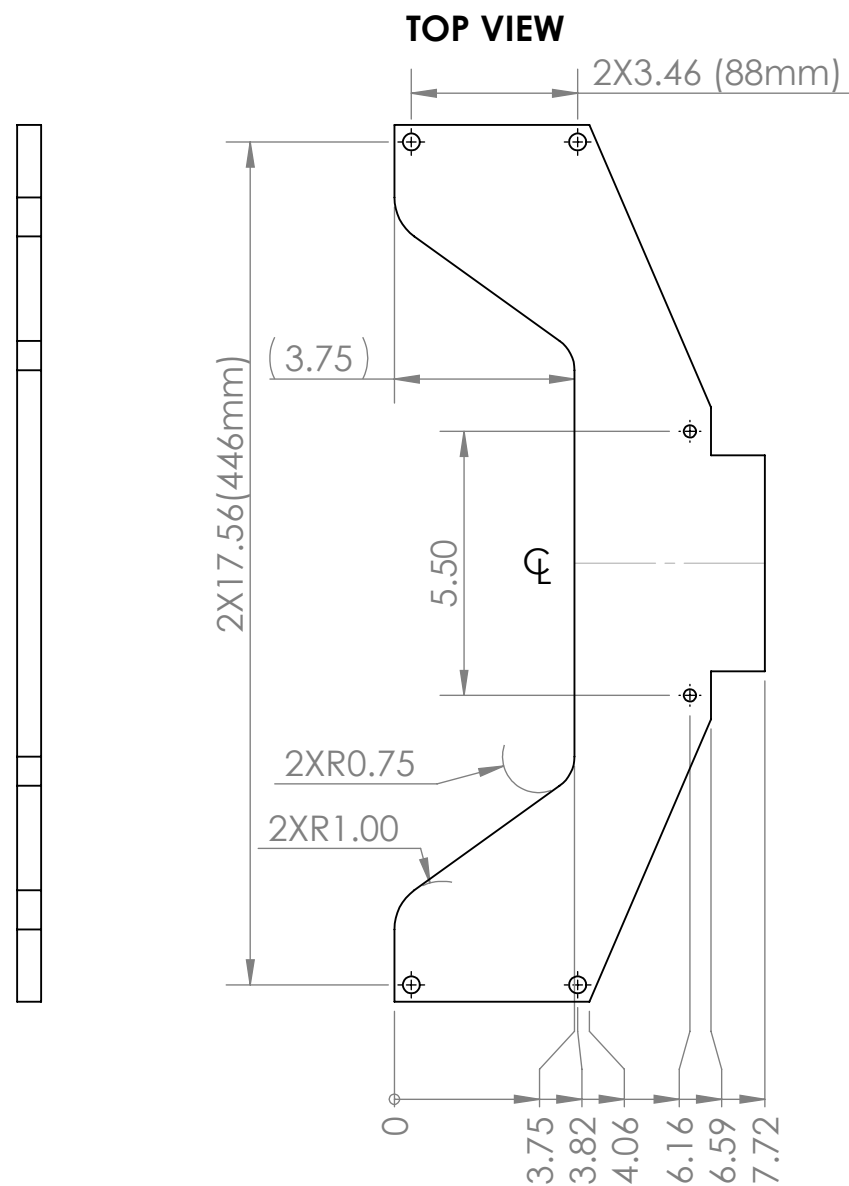
- 1 6061-T6 ALUMINUM APPROX 18.9"x7.68", 1/2" THICK
- 2 FINISH: NONE
- 3 M8 THRU BOLT HOLE
- 4 1/4"-20 THRU BOLT HOLE

5. FOR ADDITIONAL GEOMETRY, REFER TO SOLID MODEL 2019-03-11 TOP MOUNT.SLDPRT

6. BREAK ALL SHARP EDGES

7. ALL X.XX AND X.XXX TOLERANCES ARE +/- .010, UNLESS OTHERWISE NOTED

- 8 WATERJET EDGES ARE NOT ACCEPTABLE IN AREAS NOTED



| BILL OF MATERIALS     |                  |                                                                                                                                                             |                     |                      |               |                                                                     |           |                                                                                                                                                                                                                                              |             | A |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------|---------------------------------------------------------------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---|
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                  |                     |                      |               | APPROVALS DATE                                                      |           | Monterey Bay Aquarium Research Institute<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> |             |   |
| Inspector             |                  | 1 PLACE DIM<br>±.1/16                                                                                                                                       | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1° | DRAWN<br>E.NOLASCO                                                  | 3/12/19   |                                                                                                                                                                                                                                              |             |   |
| 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. |                     |                      |               | ENGINEER<br>E.NOLASCO                                               | 3/12/19   | 100221324 TELEDYNE T-50 MOUNTING PLATE                                                                                                                                                                                                       |             |   |
| Engineer              |                  |                                                                                                                                                             |                     |                      |               | 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 |           |                                                                                                                                                                                                                                              |             |   |
| NEXT ASSY Description | NEXT ASSY Number | 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX. .012 INCHES FOR SINGLE SURFACE.                                                  |                     |                      |               | PROJECT NO.<br>MAPPING AUV-T50                                      | 100221324 |                                                                                                                                                                                                                                              | REV.<br>INT |   |
|                       |                  |                                                                                                                                                             |                     |                      |               | PROJECT<br>AUV OPS                                                  |           |                                                                                                                                                                                                                                              |             |   |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                        |                     |                      |               | WEIGHT                                                              |           | SIZE<br>B                                                                                                                                                                                                                                    | DWG. NO.    |   |
|                       |                  |                                                                                                                                                             |                     |                      |               |                                                                     |           | 100221324                                                                                                                                                                                                                                    |             |   |
|                       |                  |                                                                                                                                                             |                     |                      |               | SCALE 1:4                                                           |           | CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1                                                                                                                                                                                                   |             |   |

\\atlas\enolasco\2019-03 T50 BRACKET\100221324 TELEDYNE T-50 MOUNTING PLATE.SLDPRT