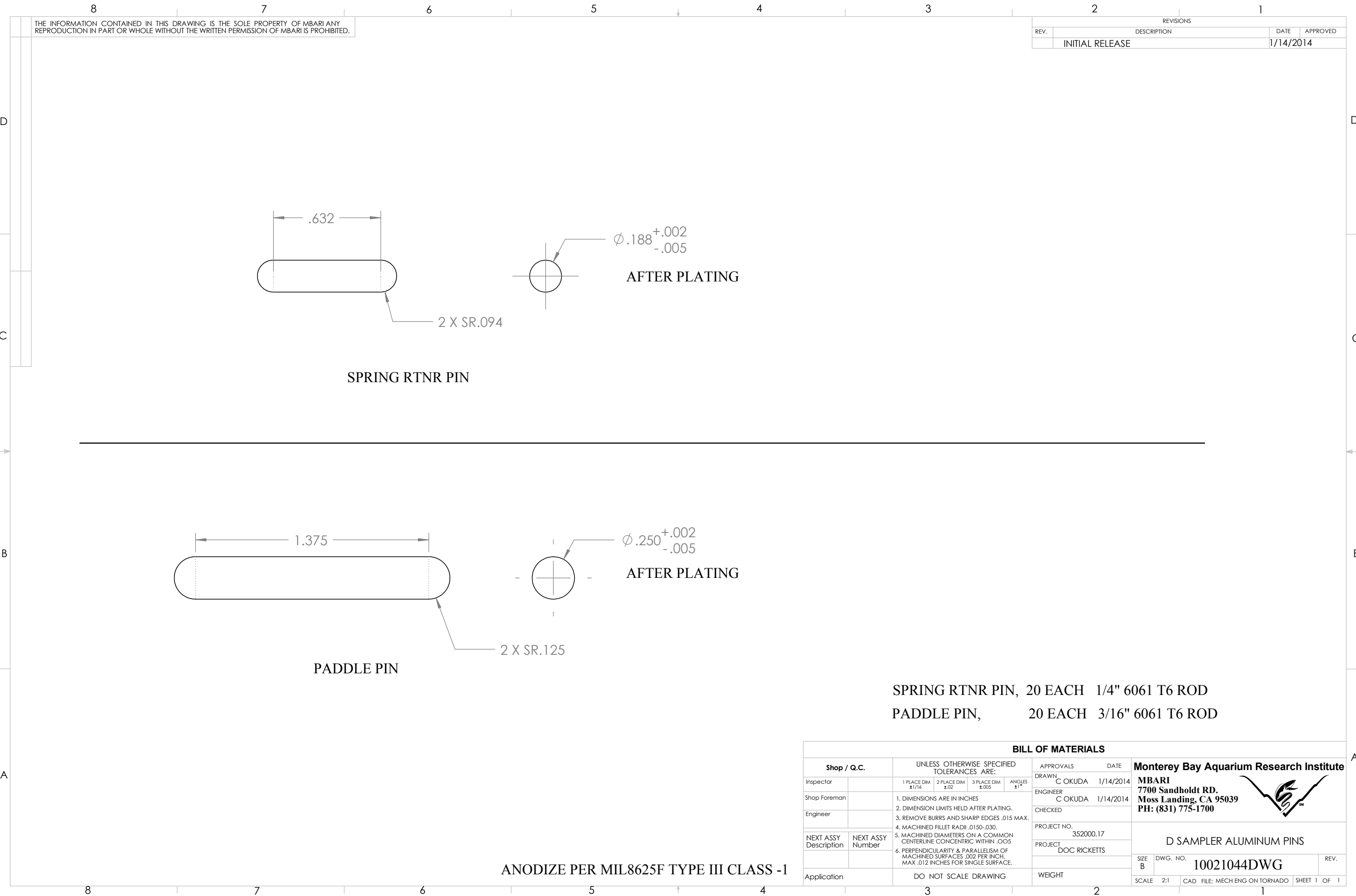
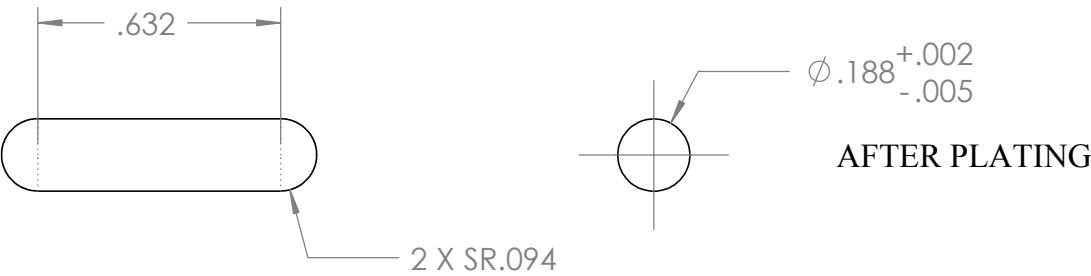


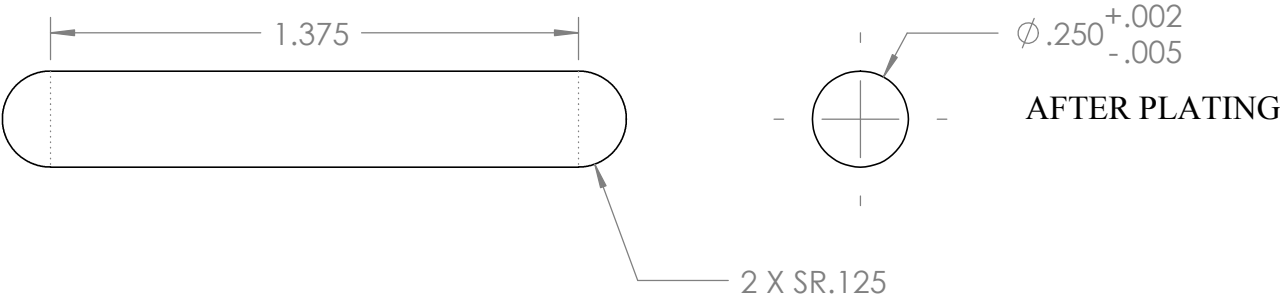


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| REVISIONS |                 |           |          |
|-----------|-----------------|-----------|----------|
| REV.      | DESCRIPTION     | DATE      | APPROVED |
|           | INITIAL RELEASE | 1/14/2014 |          |



SPRING RTNR PIN



PADDLE PIN

SPRING RTNR PIN, 20 EACH 1/4" 6061 T6 ROD  
PADDLE PIN, 20 EACH 3/16" 6061 T6 ROD

| BILL OF MATERIALS     |                  |                                                                                                                                                                                                                                                                                                                                                 |                          |                           |                         |             |                   |                                                                                                                                                                                                                                                     |                      |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------|-------------------------|-------------|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                          |                           |                         | APPROVALS   | DATE              | <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> |                      |
| Inspector             |                  | 1 PLACE DIM<br>$\pm 1/16$                                                                                                                                                                                                                                                                                                                       | 2 PLACE DIM<br>$\pm .02$ | 3 PLACE DIM<br>$\pm .005$ | ANGLES<br>$\pm 1^\circ$ | DRAWN       | C OKUDA 1/14/2014 |                                                                                                                                                                                                                                                     |                      |
| 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    | C OKUDA 1/14/2014 |                                                                                                                                                                                                                                                     |                      |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                 |                          |                           |                         | CHECKED     |                   |                                                                                                                                                                                                                                                     |                      |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                 |                          |                           |                         | PROJECT NO. | 352000.17         | D SAMPLER ALUMINUM PINS                                                                                                                                                                                                                             |                      |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                          |                           |                         | PROJECT     | DOC RICKETTS      |                                                                                                                                                                                                                                                     |                      |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                          |                           |                         | WEIGHT      |                   | SIZE B                                                                                                                                                                                                                                              | DWG. NO. 10021044DWG |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                          |                           |                         | SCALE       | 2:1               | CAD FILE: MECH ENG ON TORNADO                                                                                                                                                                                                                       | SHEET 1 OF 1         |

ANODIZE PER MIL8625F TYPE III CLASS -1