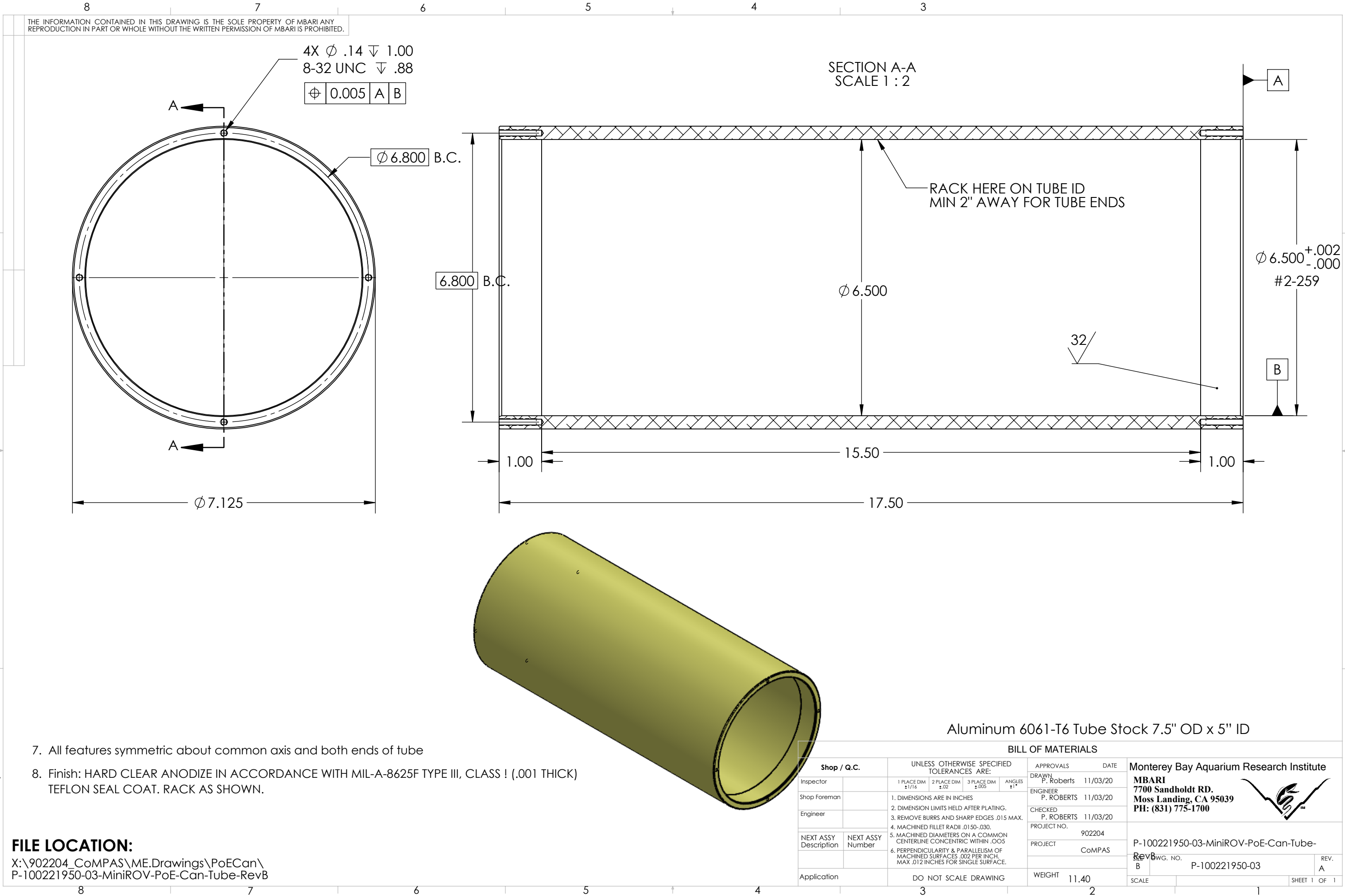




7. All features symmetric about common axis and both ends of tube
8. Finish: HARD CLEAR ANODIZE IN ACCORDANCE WITH MIL-A-8625F TYPE III, CLASS I (.001 THICK) TEFLON SEAL COAT. RACK AS SHOWN.

**FILE LOCATION:**  
X:\902204\_CoMPAS\ME.Drawings\PoECan\  
P-100221950-03-MiniROV-PoE-Can-Tube-RevB

Aluminum 6061-T6 Tube Stock 7.5" OD x 5" ID

| Shop / Q.C.           |  |                  |  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |  |                     |  | APPROVALS            |  | DATE          |  | Monterey Bay Aquarium Research Institute |  |          |  |                                                                                                                                                                                 |  |                |  |        |  |
|-----------------------|--|------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|--|----------------------|--|---------------|--|------------------------------------------|--|----------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------|--|--------|--|
| Inspector             |  |                  |  | 1 PLACE DIM<br>±1/16                                                                                                                                                                                                                                                                                                                            |  | 2 PLACE DIM<br>±.02 |  | 3 PLACE DIM<br>±.005 |  | ANGLES<br>±1° |  | DRAWN<br>P. Roberts                      |  | 11/03/20 |  | <div>MBARI<br/>7700 Sandholdt RD.<br/>Moss Landing, CA 95039<br/>PH: (831) 775-1700</div>  |  |                |  |        |  |
| 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<br>P. ROBERTS                   |  | 11/03/20 |  |                                                                                                                                                                                 |  |                |  |        |  |
| Engineer              |  |                  |  |                                                                                                                                                                                                                                                                                                                                                 |  |                     |  |                      |  |               |  | CHECKED<br>P. ROBERTS                    |  | 11/03/20 |  |                                                                                                                                                                                 |  |                |  |        |  |
| NEXT ASSY Description |  | NEXT ASSY Number |  |                                                                                                                                                                                                                                                                                                                                                 |  |                     |  |                      |  |               |  | PROJECT NO.                              |  | 902204   |  |                                                                                                                                                                                 |  |                |  |        |  |
|                       |  |                  |  |                                                                                                                                                                                                                                                                                                                                                 |  |                     |  |                      |  |               |  | PROJECT                                  |  | CoMPAS   |  | P-100221950-03-MiniROV-PoE-Can-Tube-RevB                                                                                                                                        |  |                |  |        |  |
| Application           |  |                  |  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |  |                     |  |                      |  |               |  | WEIGHT                                   |  | 11.40    |  |                                                                                                                                                                                 |  |                |  |        |  |
|                       |  |                  |  |                                                                                                                                                                                                                                                                                                                                                 |  |                     |  |                      |  |               |  | SCALE                                    |  |          |  | REV. B                                                                                                                                                                          |  | P-100221950-03 |  | REV. A |  |
|                       |  |                  |  |                                                                                                                                                                                                                                                                                                                                                 |  |                     |  |                      |  |               |  |                                          |  |          |  |                                                                                                                                                                                 |  | SHEET 1 OF 1   |  |        |  |