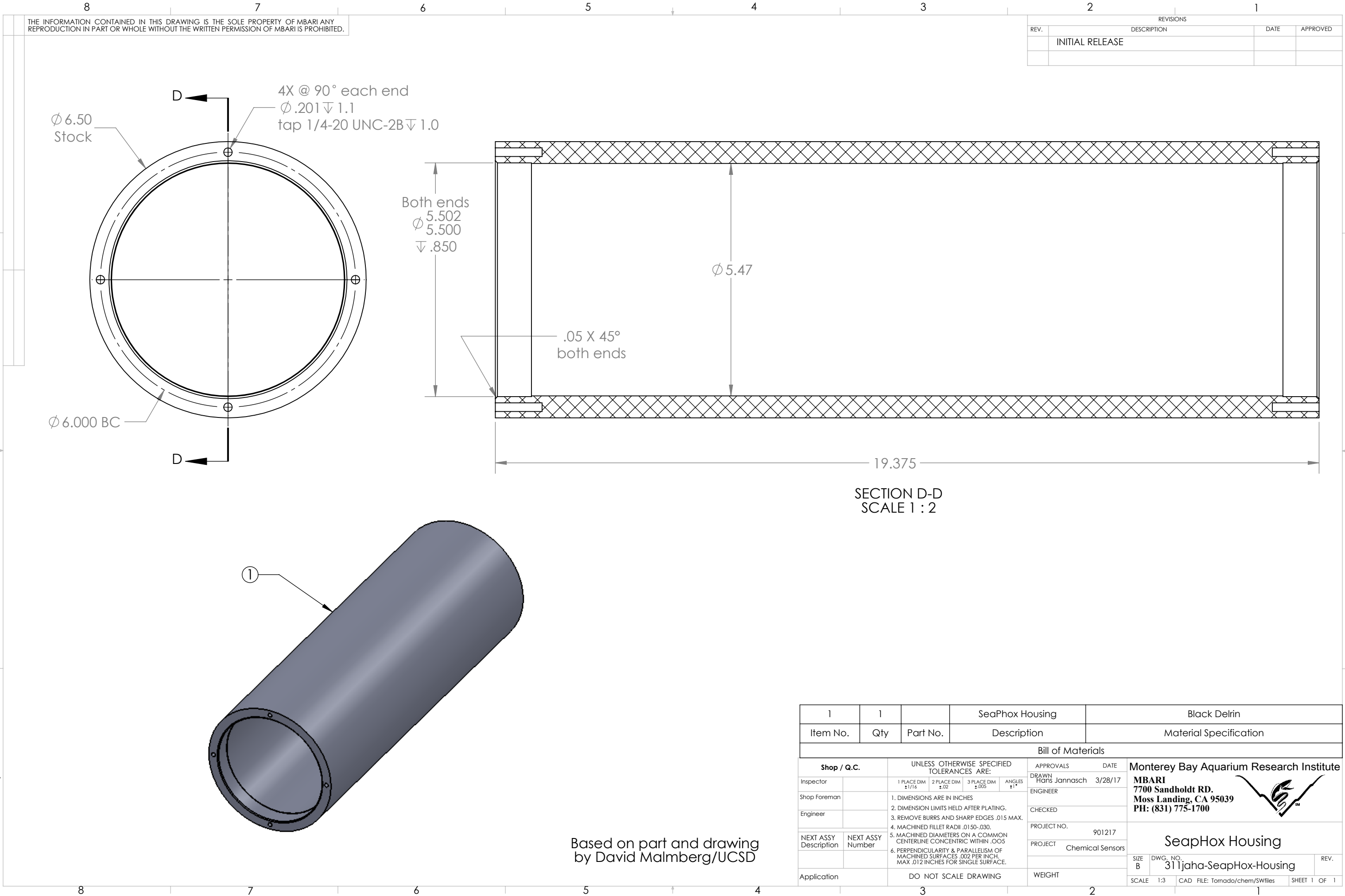




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| REVISIONS |                 |      |          |
|-----------|-----------------|------|----------|
| REV.      | DESCRIPTION     | DATE | APPROVED |
|           | INITIAL RELEASE |      |          |
|           |                 |      |         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

SECTION D-D  
SCALE 1 : 2

|                       |                  |                                                                                                                                                                                                                                                                                                                                                                     |                     |                      |                |                                    |                                                                                                                                                                                                                                                  |                                     |              |
|-----------------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|----------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|--------------|
| 1                     |                  | 1                                                                                                                                                                                                                                                                                                                                                                   |                     | SeaPhox Housing      |                | Black Delrin                       |                                                                                                                                                                                                                                                  |                                     |              |
| Item No.              |                  | Qty                                                                                                                                                                                                                                                                                                                                                                 | Part No.            | Description          |                | Material Specification             |                                                                                                                                                                                                                                                  |                                     |              |
| Bill of Materials     |                  |                                                                                                                                                                                                                                                                                                                                                                     |                     |                      |                |                                    |                                                                                                                                                                                                                                                  |                                     |              |
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                                          |                     |                      | APPROVALS DATE |                                    | Monterey Bay Aquarium Research Institute<br><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>Hans Jannasch<br>ENGINEER |                                                                                                                                                                                                                                                  |                                     | 3/28/17      |
| Shop Foreman          |                  | 1. DIMENSIONS ARE IN INCHES<br><br>2. DIMENSION LIMITS HELD AFTER PLATING.<br><br>3. REMOVE BURRS AND SHARP EDGES .015 MAX.<br><br>4. MACHINED FILLET RADII .0150-.030.<br><br>5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005<br><br>6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE. |                     |                      |                | CHECKED                            |                                                                                                                                                                                                                                                  |                                     |              |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                                     |                     |                      |                | PROJECT NO.                        |                                                                                                                                                                                                                                                  |                                     | 901217       |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                                     |                     |                      |                | PROJECT                            | Chemical Sensors                                                                                                                                                                                                                                 | SeapHox Housing                     |              |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                                     |                     |                      |                |                                    |                                                                                                                                                                                                                                                  |                                     |              |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                                                |                     |                      | WEIGHT         |                                    | SIZE<br>B                                                                                                                                                                                                                                        | DWG. NO.<br>311jaha-SeapHox-Housing | REV.         |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                                     |                     |                      |                |                                    | SCALE 1:3                                                                                                                                                                                                                                        | CAD FILE: Tornado/chem/SWfiles      | SHEET 1 OF 1 |

Based on part and drawing  
by David Malmberg/UCSD