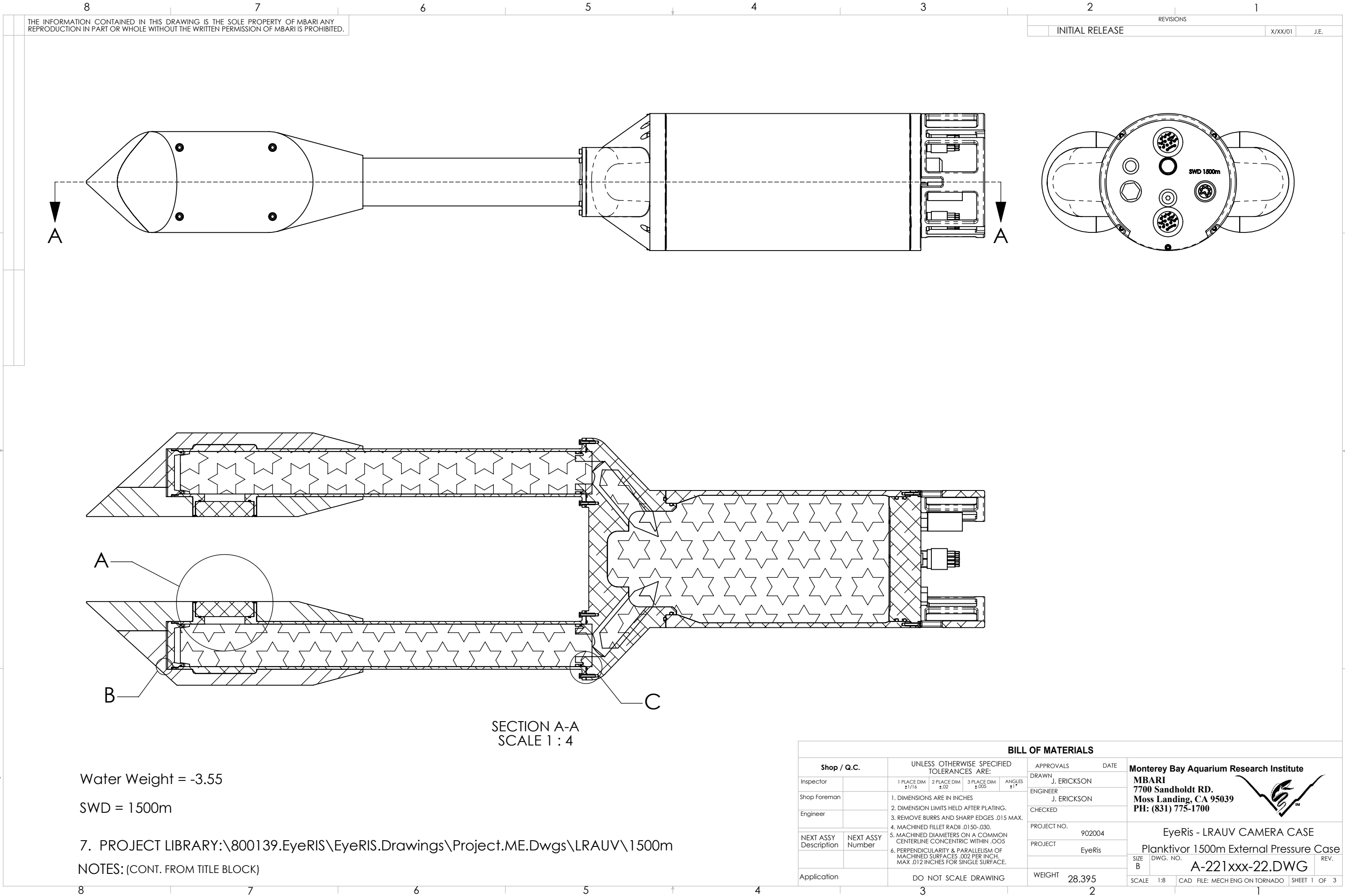
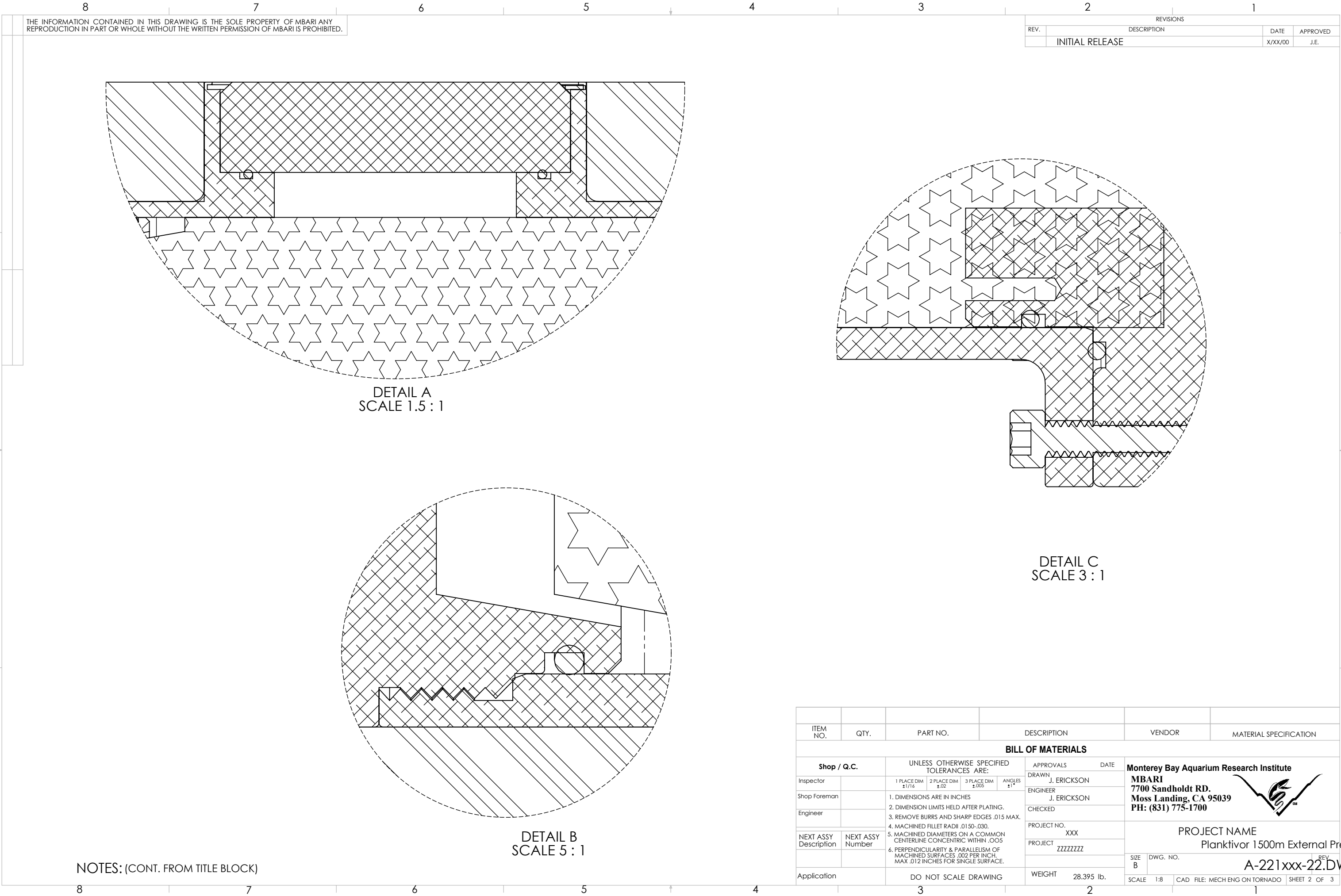
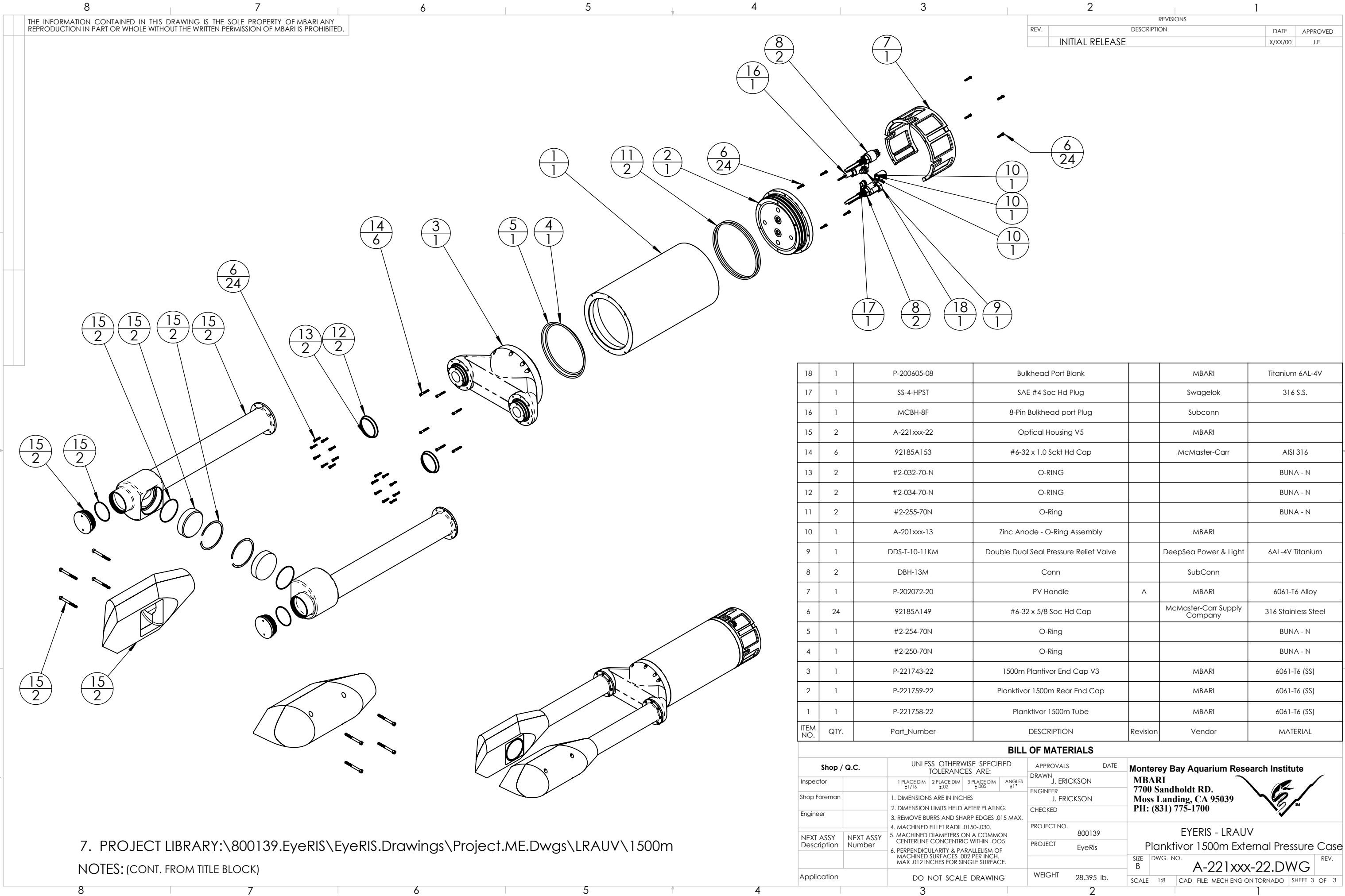








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| REVISIONS |                 |         |          |
|-----------|-----------------|---------|----------|
| REV.      | DESCRIPTION     | DATE    | APPROVED |
|           | INITIAL RELEASE | X/XX/00 | J.E.     |

|          |      |               |                                        |          |                              |                     |
|----------|------|---------------|----------------------------------------|----------|------------------------------|---------------------|
| 18       | 1    | P-200605-08   | Bulkhead Port Blank                    |          | MBARI                        | Titanium 6AL-4V     |
| 17       | 1    | SS-4-HPST     | SAE #4 Soc Hd Plug                     |          | Swagelok                     | 316 S.S.            |
| 16       | 1    | MCBH-8F       | 8-Pin Bulkhead port Plug               |          | Subconn                      |                     |
| 15       | 2    | A-221xxx-22   | Optical Housing V5                     |          | MBARI                        |                     |
| 14       | 6    | 92185A153     | #6-32 x 1.0 Sckt Hd Cap                |          | McMaster-Carr                | AISI 316            |
| 13       | 2    | #2-032-70-N   | O-RING                                 |          |                              | BUNA - N            |
| 12       | 2    | #2-034-70-N   | O-RING                                 |          |                              | BUNA - N            |
| 11       | 2    | #2-255-70N    | O-Ring                                 |          |                              | BUNA - N            |
| 10       | 1    | A-201xxx-13   | Zinc Anode - O-Ring Assembly           |          | MBARI                        |                     |
| 9        | 1    | DDS-T-10-11KM | Double Dual Seal Pressure Relief Valve |          | DeepSea Power & Light        | 6AL-4V Titanium     |
| 8        | 2    | DBH-13M       | Conn                                   |          | SubConn                      |                     |
| 7        | 1    | P-202072-20   | PV Handle                              | A        | MBARI                        | 6061-T6 Alloy       |
| 6        | 24   | 92185A149     | #6-32 x 5/8 Soc Hd Cap                 |          | McMaster-Carr Supply Company | 316 Stainless Steel |
| 5        | 1    | #2-254-70N    | O-Ring                                 |          |                              | BUNA - N            |
| 4        | 1    | #2-250-70N    | O-Ring                                 |          |                              | BUNA - N            |
| 3        | 1    | P-221743-22   | 1500m Planktivor End Cap V3            |          | MBARI                        | 6061-T6 (SS)        |
| 2        | 1    | P-221759-22   | Planktivor 1500m Rear End Cap          |          | MBARI                        | 6061-T6 (SS)        |
| 1        | 1    | P-221758-22   | Planktivor 1500m Tube                  |          | MBARI                        | 6061-T6 (SS)        |
| ITEM NO. | QTY. | Part_Number   | DESCRIPTION                            | Revision | Vendor                       | MATERIAL            |

BILL OF MATERIALS

| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                     |                      |               | APPROVALS    |             | DATE                             |  | <div>Monterey Bay Aquarium Research Institute</div> <div>MBARI</div> <div>7700 Sandholdt RD.</div> <div>Moss Landing, CA 95039</div> <div>PH: (831) 775-1700</div> <div></div> |  |  |  |             |  |        |  |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------|--------------|-------------|----------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-------------|--|--------|--|
| Inspector             |                  | 1 PLACE DIM<br>±1/16                                                                                                                                                                                                                                                                                                                            | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1° | DRAWN        | J. ERICKSON | ENGINEER                         |  |                                                                                                                                                                                                                                                                     |  |  |  | J. ERICKSON |  |        |  |
| 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. |                     |                      |               | CHECKED      |             | PROJECT NO.                      |  |                                                                                                                                                                                                                                                                     |  |  |  | 800139      |  |        |  |
| Engineer              |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | PROJECT      | EyeRis      | PROJECT NO.                      |  |                                                                                                                                                                                                                                                                     |  |  |  | 800139      |  |        |  |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | PROJECT NO.  |             | 800139                           |  |                                                                                                                                                                                                                                                                     |  |  |  | PROJECT     |  | EyeRis |  |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | PROJECT NO.  |             | 800139                           |  |                                                                                                                                                                                                                                                                     |  |  |  | PROJECT     |  | EyeRis |  |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                     |                      |               | WEIGHT       |             | 28.395 lb.                       |  | EYERIS - LRAUV<br>Planktivor 1500m External Pressure Case                                                                                                                                                                                                           |  |  |  |             |  |        |  |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | SIZE<br>B    |             | DWG. NO.<br>A-221xxx-22.DWG      |  | REV.                                                                                                                                                                                                                                                                |  |  |  |             |  |        |  |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | SCALE<br>1:8 |             | CAD<br>FILE: MECH ENG ON TORNADO |  | SHEET<br>3 OF 3                                                                                                                                                                                                                                                     |  |  |  |             |  |        |  |

7. PROJECT LIBRARY:\800139.EyeRIS\EyeRIS.Drawings\Project.ME.Dwgs\LRAUV\1500m  
NOTES: (CONT. FROM TITLE BLOCK)