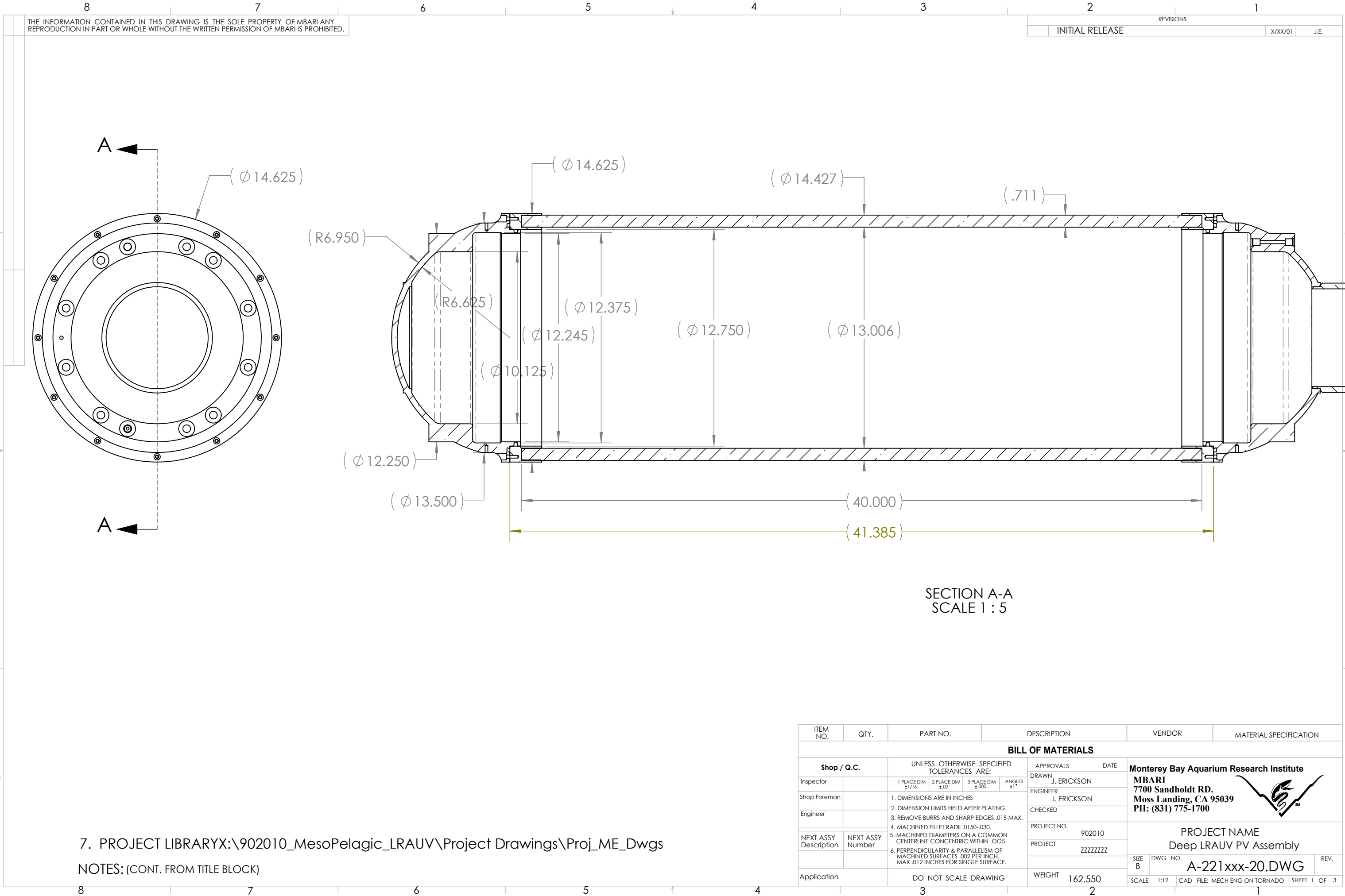
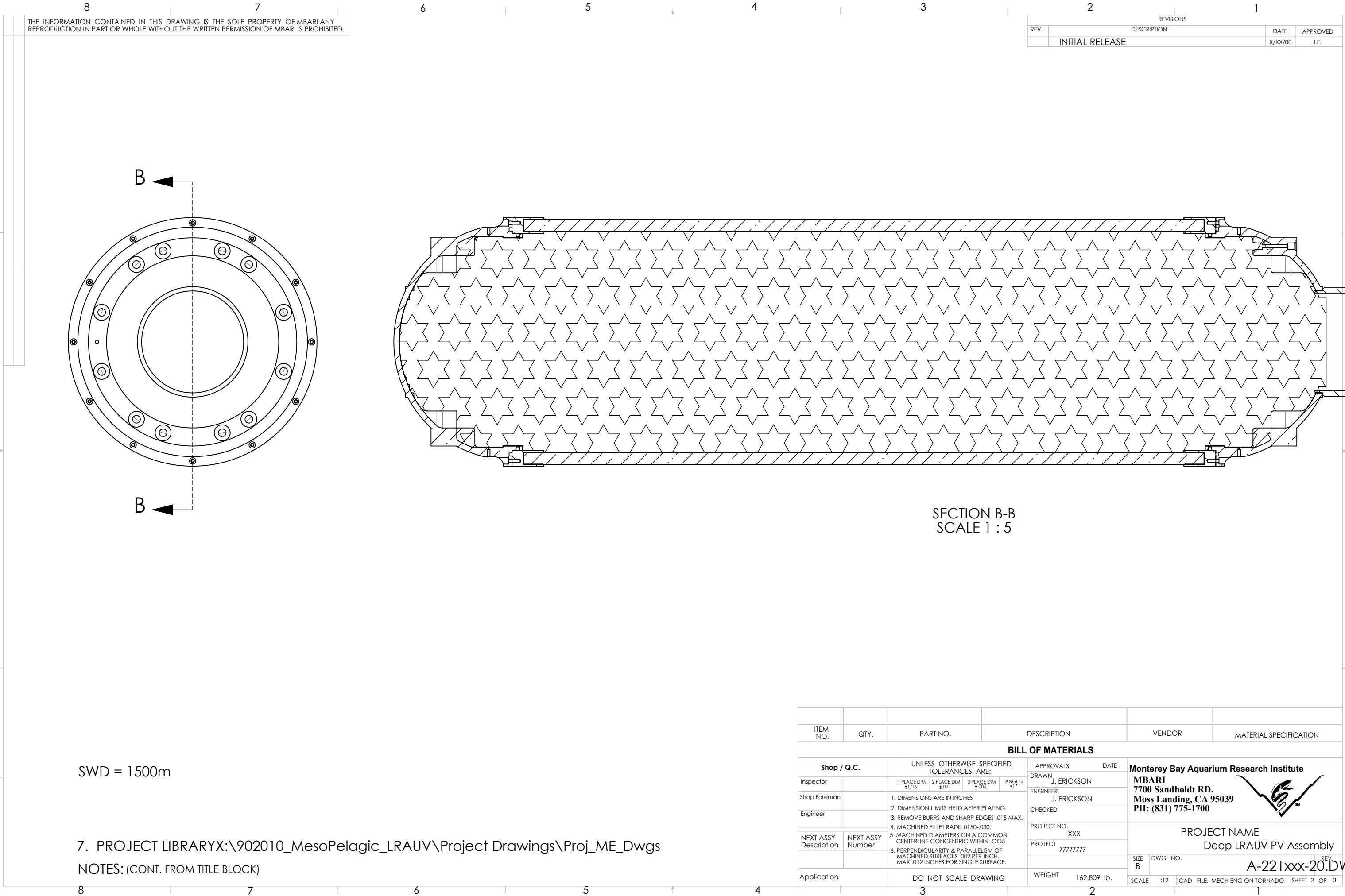






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| REVISIONS |                 |         |          |
|-----------|-----------------|---------|----------|
| REV.      | DESCRIPTION     | DATE    | APPROVED |
|           | INITIAL RELEASE | X/XX/00 | J.E.     |

SECTION B-B  
SCALE 1 : 5

SWD = 1500m

7. PROJECT LIBRARYX:\902010\_MesoPelagic\_LRAUV\Project Drawings\Proj\_ME\_Dwgs  
NOTES: (CONT. FROM TITLE BLOCK)

| ITEM NO.              | QTY.             | PART NO.                                                                                                                                                                         | DESCRIPTION         | VENDOR               | MATERIAL SPECIFICATION        |
|-----------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|-------------------------------|
| BILL OF MATERIALS     |                  |                                                                                                                                                                                  |                     |                      |                               |
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                       |                     | APPROVALS            | DATE                          |
| Inspector             |                  | 1 PLACE DIM<br>±1/16                                                                                                                                                             | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1°                 |
| 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              |                  | 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. |                     |                      |                               |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                  |                     | PROJECT NO.          | XXX                           |
|                       |                  |                                                                                                                                                                                  |                     | PROJECT              | ZZZZZZZZ                      |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                             |                     | WEIGHT               | 162.809 lb.                   |
|                       |                  |                                                                                                                                                                                  |                     | SIZE B               | DWG. NO.                      |
|                       |                  |                                                                                                                                                                                  |                     | SCALE 1:12           | CAD FILE: MECH ENG ON TORNADO |
|                       |                  |                                                                                                                                                                                  |                     | SHEET 2              | OF 3                          |

Monterey Bay Aquarium Research Institute

MBARI

7700 Sandholdt RD.

Moss Landing, CA 95039

PH: (831) 775-1700



PROJECT NAME

Deep LRAUV PV Assembly

A-221xxx-20.DWG

REV

Monterey Bay Aquarium Research Institute  
MBARI  
7700 Sandholdt RD.  
Moss Landing, CA 95039  
PH: (831) 775-1700



PROJECT NAME  
Deep LRAUV PV Assembly

A-221xxx-20.DWG



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

7. PROJECT LIBRARYX:\902010\_MesoPelagic\_LRAUV\Project Drawings\Proj\_ME\_Dwgs  
NOTES: (CONT. FROM TITLE BLOCK)

| ITEM NO.              | QTY.             | PART NO.                                                                                                                                                                                                                                                                                                                                        | DESCRIPTION      | VENDOR            | MATERIAL SPECIFICATION        |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------|-------------------------------|
| BILL OF MATERIALS     |                  |                                                                                                                                                                                                                                                                                                                                                 |                  |                   |                               |
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                  | APPROVALS         | DATE                          |
| Inspector             |                  | 1 PLACE DIM ±1/16                                                                                                                                                                                                                                                                                                                               | 2 PLACE DIM ±.02 | 3 PLACE DIM ±.005 | ANGLES ±1°                    |
| 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              |                  |                                                                                                                                                                                                                                                                                                                                                 |                  |                   |                               |
| NEXT ASSY Description | NEXT ASSY Number |                                                                                                                                                                                                                                                                                                                                                 |                  |                   |                               |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                  | WEIGHT            | 162.550 lb.                   |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                  | SIZE B            | DWG. NO.                      |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                  | SCALE 1:24        | CAD FILE: MECH ENG ON TORNADO |
|                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                  | SHEET 3 OF 3      | REV                           |

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PROJECT NAME  
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