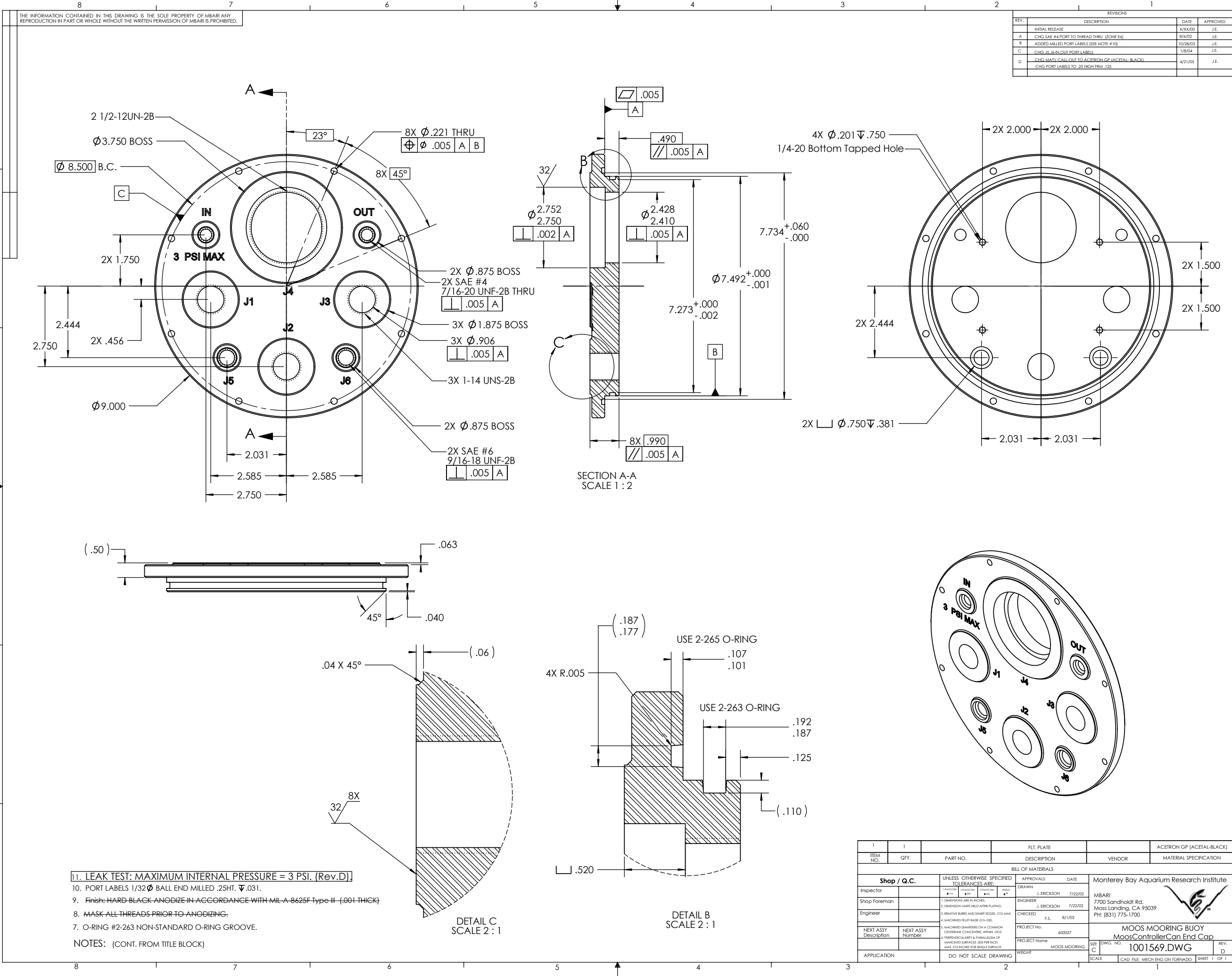




11. LEAK TEST: MAXIMUM INTERNAL PRESSURE = 3 PSI. (Rev.D)

10. PORT LABELS 1/32" BALL END MILLED .25HT, .031.

9. Finish: HARD BLACK ANODIZE IN ACCORDANCE WITH MIL-A-8625F Type III (.001 THICK)

8. MASK ALL THREADS PRIOR TO ANODIZING.

7. O-RING #2-263 NON-STANDARD O-RING GROOVE.

NOTES: (CONT. FROM TITLE BLOCK)

| REVISIONS |                                                |          |          |
|-----------|------------------------------------------------|----------|----------|
| REV.      | DESCRIPTION                                    | DATE     | APPROVED |
|           | INITIAL RELEASE                                | X/XX/00  | J.E.     |
| A         | CHG SAE #4 PORT TO THREAD THRU (ZONE EA)       | 8/6/02   | J.E.     |
| B         | ADDED MILLED PORT LABELS (SEE NOTE #10)        | 10/28/03 | J.E.     |
| C         | CHG J5 J6 IN-OUT PORT LABELS                   | 1/8/04   | J.E.     |
| D         | CHG MATL CALL-OUT TO ACETRON GP (ACETAL-BLACK) | 4/21/05  | J.E.     |
|           | CHG PORT LABELS TO .25 HIGH FRM .125           |          |          |

|                                             |                      |                                                                  |                                                                     |                                                                    |                             |
|---------------------------------------------|----------------------|------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------|
| 1                                           | 1                    |                                                                  | FLT. PLATE                                                          |                                                                    | ACETRON GP (ACETAL-BLACK)   |
| ITEM NO.                                    | QTY.                 | PART NO.                                                         | DESCRIPTION                                                         | VENDOR                                                             | MATERIAL SPECIFICATION      |
| BILL OF MATERIALS                           |                      |                                                                  |                                                                     |                                                                    |                             |
| Shop / Q.C.                                 |                      | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                       |                                                                     | APPROVALS DATE                                                     |                             |
| Inspector                                   |                      | 1 FRACTIONAL DECIMALS .125 .063 .031 .016                        | 2 DECIMALS .005 .002 .001                                           | DRAWN                                                              | J. ERICKSON 7/22/02         |
| Shop Foreman                                |                      | 3 DIMENSIONS UNLESS OTHERWISE SPECIFIED                          | 4 PERPENDICULARITY & PARALLELISM                                    | ENGINEER                                                           | J. ERICKSON 7/22/02         |
| Engineer                                    |                      | 5 REMOVE BURRS AND SHARP EDGES .015 MAX.                         | 6 MACHINED SURFACES .002 PER INCH                                   | CHECKED                                                            | F.S. 8/1/02                 |
| NEXT ASSY Description                       | NEXT ASSY Number     | 7 MACHINED DIAMETERS ON A COMMON CENTERLINE COINCIDING WITH CADS | 8 PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH | PROJECT NO.                                                        | 600027                      |
|                                             |                      | 9 MAX .012 INCHES FOR SINGLE SURFACE.                            |                                                                     | PROJECT Name                                                       | MOOS MOORING                |
| APPLICATION                                 | DO NOT SCALE DRAWING | WEIGHT                                                           |                                                                     | SCALE                                                              | CAD FILE: MECH ENG ON TORNO |
| Monterey Bay Aquarium Research Institute    |                      |                                                                  |                                                                     | MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 Ph: (831) 775-1700 |                             |
| MOOS MOORING BUOY MoosControllerCan End Cap |                      |                                                                  |                                                                     | DWG. NO. 1001569.DWG                                               |                             |
|                                             |                      |                                                                  |                                                                     | REV. D                                                             |                             |