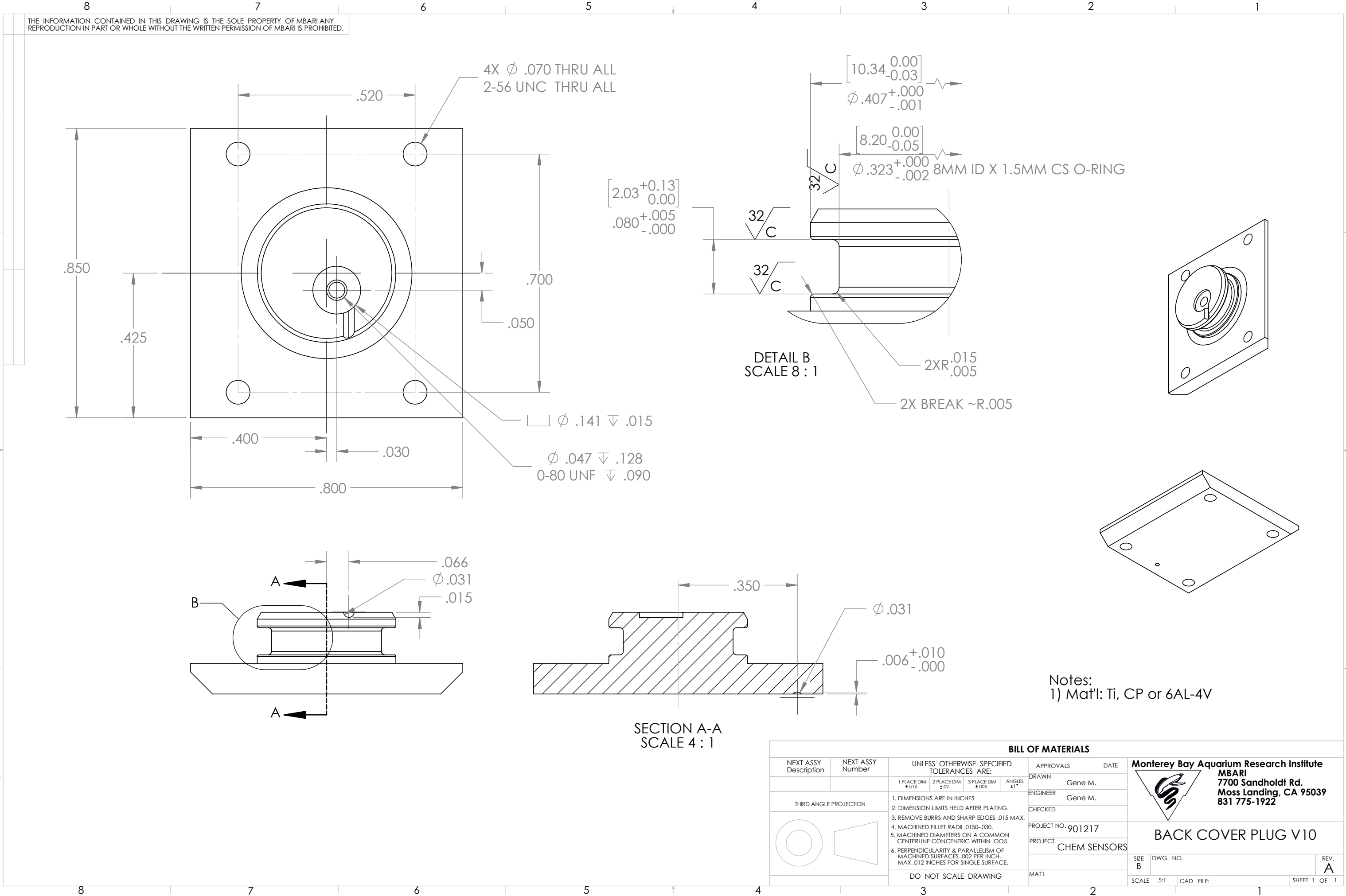




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4X  $\phi$  .070 THRU ALL  
2-56 UNC THRU ALL

$\left[ \begin{matrix} 10.34 & 0.00 \\ & -0.03 \end{matrix} \right]$   
 $\phi$  .407 $^{+.000}_{-.001}$

$\left[ \begin{matrix} 8.20 & 0.00 \\ & -0.05 \end{matrix} \right]$   
 $\phi$  .323 $^{+.000}_{-.002}$

8MM ID X 1.5MM CS O-RING

DETAIL B  
SCALE 8 : 1

2XR $^{.015}_{.005}$

2X BREAK ~R.005

$\left[ \begin{matrix} 2.03 & +0.13 \\ & 0.00 \end{matrix} \right]$   
 $\left[ \begin{matrix} .080 & +.005 \\ & -.000 \end{matrix} \right]$

$\phi$  .141  $\nabla$  .015

$\phi$  .047  $\nabla$  .128  
0-80 UNF  $\nabla$  .090

SECTION A-A  
SCALE 4 : 1

Notes:  
1) Mat'l: Ti, CP or 6AL-4V

| BILL OF MATERIALS                                                                     |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               |             |              |  |              |
|---------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------|-------------|--------------|--|--------------|
| NEXT ASSY Description                                                                 | NEXT ASSY Number | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                     |                      |               | APPROVALS   | DATE         |  |              |
|                                                                                       |                  | 1 PLACE DIM<br>±1/16                                                                                                                                                                                                                                                                                                                            | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.005 | ANGLES<br>±1° | DRAWN       | Gene M.      |  |              |
| THIRD ANGLE PROJECTION                                                                |                  | 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    | Gene M.      |  |              |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | CHECKED     |              |  |              |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | PROJECT NO. | 901217       |  |              |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | PROJECT     | CHEM SENSORS |  |              |
|  |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                     |                      |               | MAT'L       |              |  |              |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | SIZE<br>B   | DWG. NO.     |  | REV.<br>A    |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                 |                     |                      |               | SCALE 5:1   | CAD FILE:    |  | SHEET 1 OF 1 |

DO NOT SCALE DRAWING