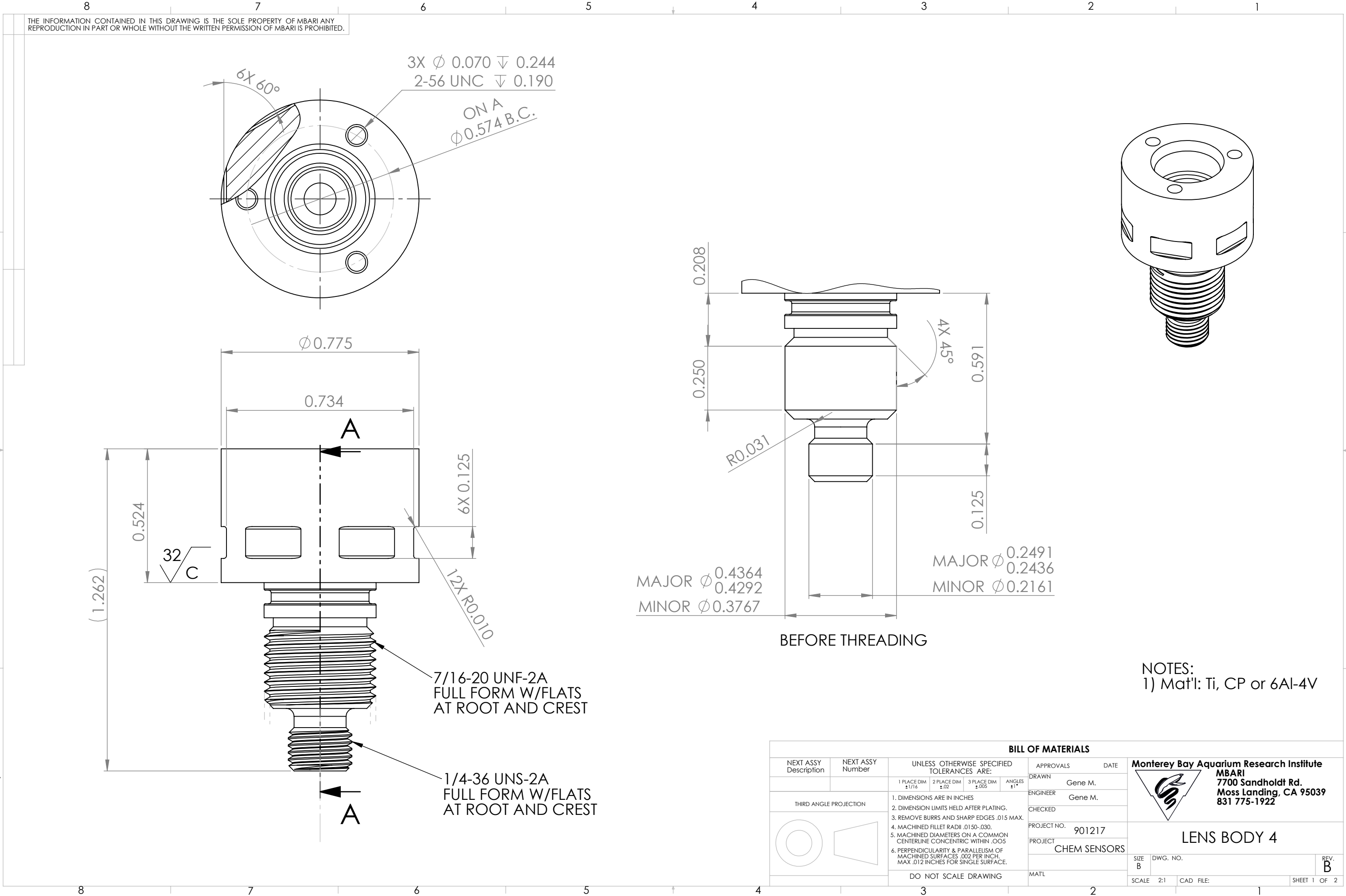




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3X  $\phi$  0.070  $\nabla$  0.244  
2-56 UNC  $\nabla$  0.190

ON A  
 $\phi$  0.574 B.C.

$\phi$  0.775

0.734

A

0.524

32

C

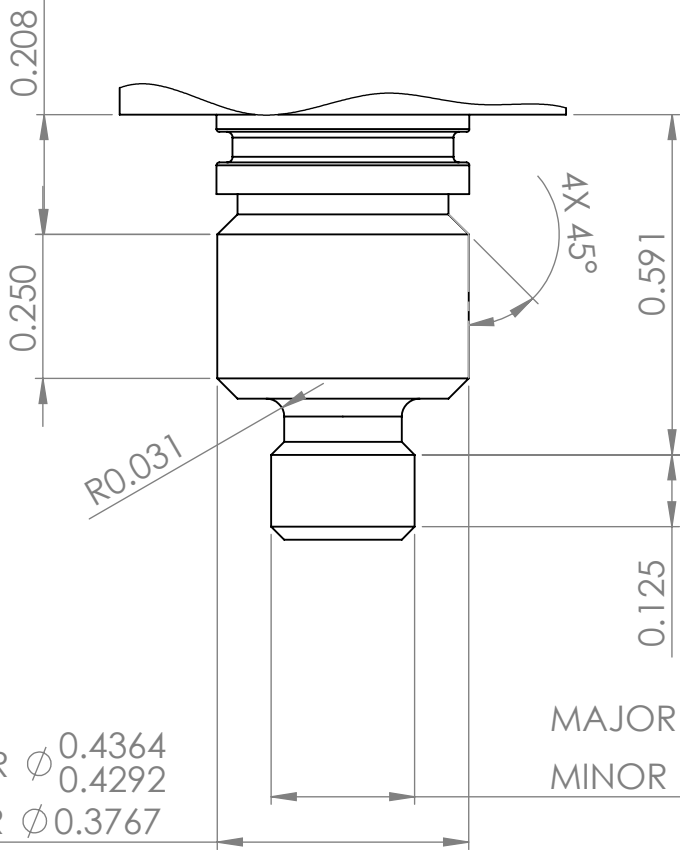
6X 0.125

12X R0.010

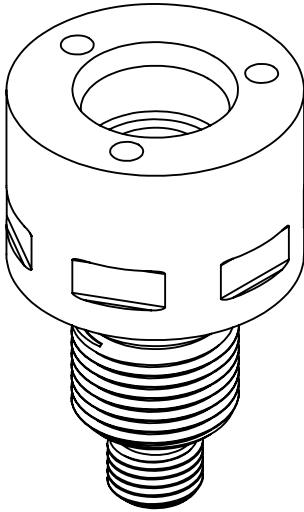
7/16-20 UNF-2A  
FULL FORM W/FLATS  
AT ROOT AND CREST

1/4-36 UNS-2A  
FULL FORM W/FLATS  
AT ROOT AND CREST

A



BEFORE THREADING



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 |  |                  | <div><div>1. DIMENSIONS ARE IN INCHES</div><div>2. DIMENSION LIMITS HELD AFTER PLATING.</div><div>3. REMOVE BURRS AND SHARP EDGES .015 MAX.</div><div>4. MACHINED FILLET RADII .0150-.030.</div><div>5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005</div><div>6. PERPENDICULARITY &amp; PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.</div></div> |                     |                      |               | ENGINEER     | Gene M.      |      |
|                        |  |                  |                                                                                                                                                                                                                                                                                                                                                                                                              |                     |                      |               | CHECKED      |              |      |
|                        |  | PROJECT NO.      |                                                                                                                                                                                                                                                                                                                                                                                                              |                     |                      |               | 901217       |              |      |
|                        |  | PROJECT          |                                                                                                                                                                                                                                                                                                                                                                                                              |                     |                      |               | CHEM SENSORS |              |      |
|                        |  |                  |                                                                                                                                                                                                                                                                                                                                                                                                              |                     |                      |               |              |              |      |
|                        |  |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                                                                                         | MAT'L               | SIZE<br>B            | DWG. NO.      | REV.<br>B    |              |      |
|                        |  |                  |                                                                                                                                                                                                                                                                                                                                                                                                              |                     | SCALE 2:1            | CAD FILE:     |              | SHEET 1 OF 2 |      |



Monterey Bay Aquarium Research Institute

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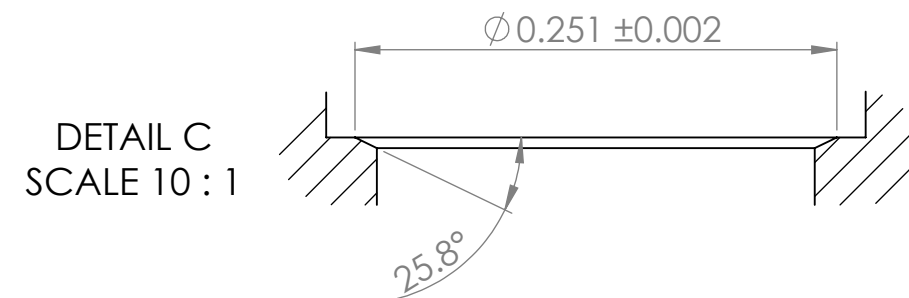
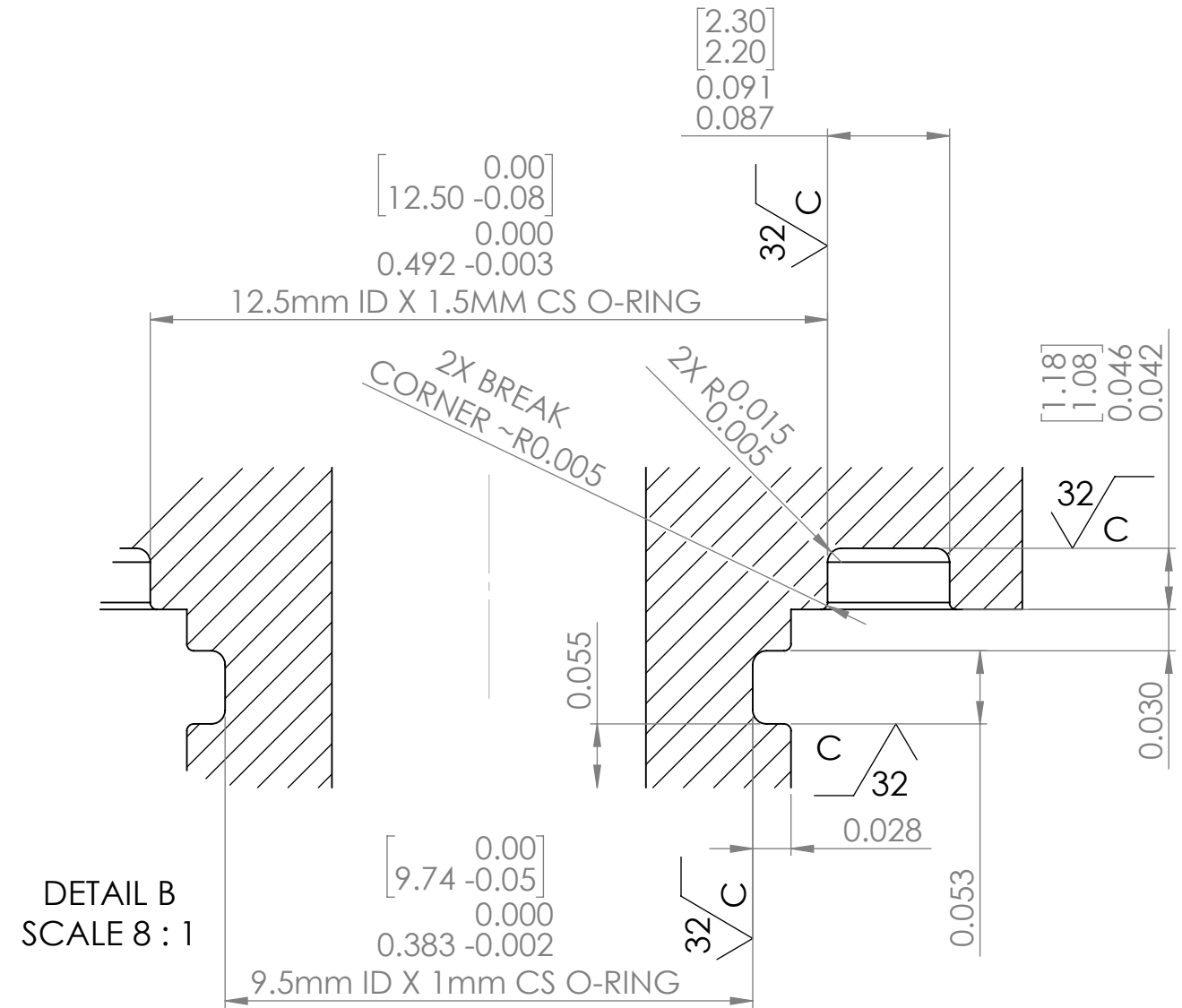
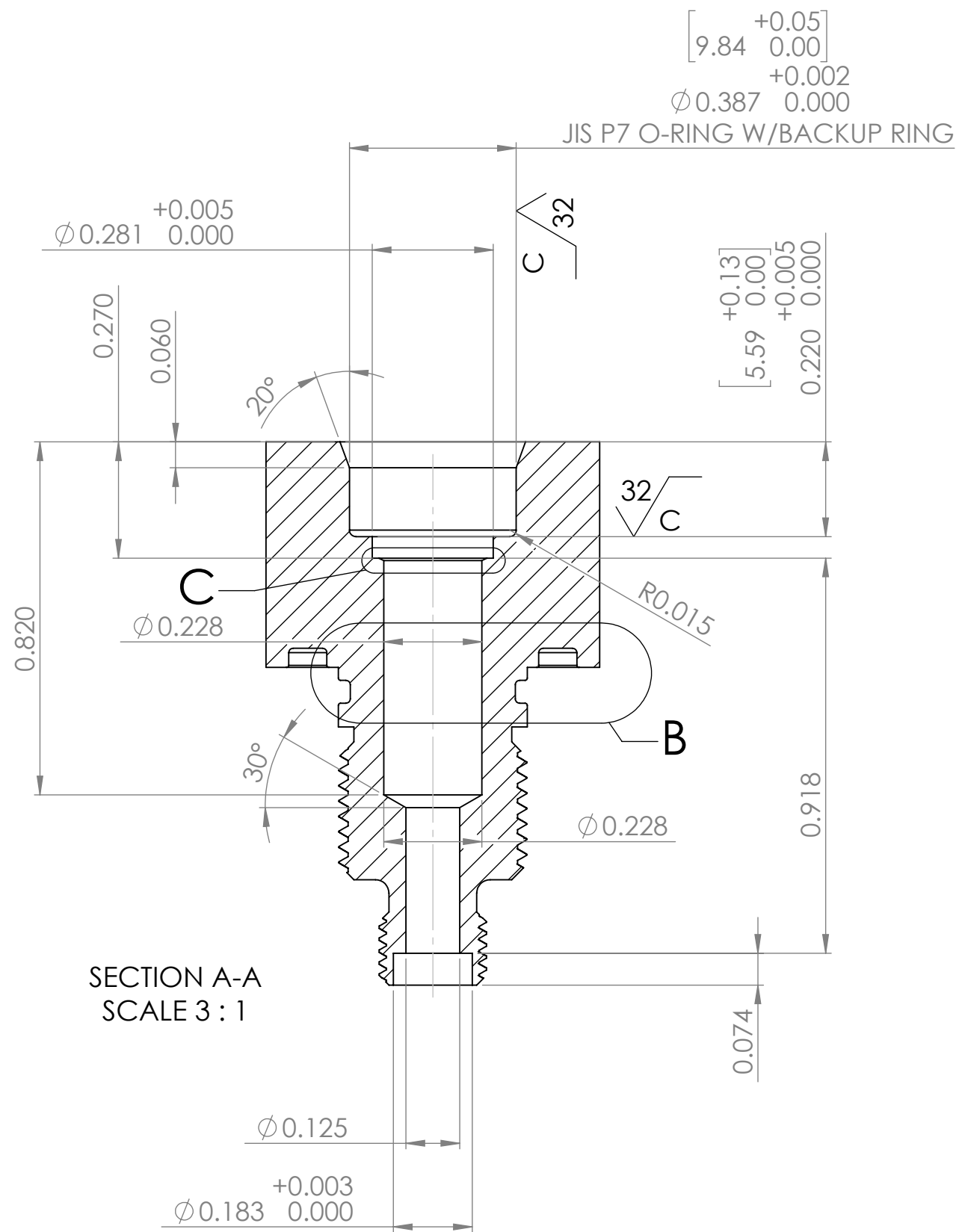
7700 Sandholdt Rd.

Moss Landing, CA 95039

831 775-1922

LENS BODY 4

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| BILL OF MATERIALS                                                                     |                  |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                      |               |             |         |                                                                                                                                                                                                                                                               |                                                  |                       |
|---------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------------|---------------|-------------|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------|
| NEXT ASSY Description                                                                 | NEXT ASSY Number | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                                                                             |                     |                      |               | APPROVALS   | DATE    | <div>Monterey Bay Aquarium Research Institute</div> <div></div> <div>MBARI</div> <div>7700 Sandholdt Rd.</div> <div>Moss Landing, CA 95039</div> <div>831 775-1922</div> |                                                  |                       |
|                                                                                       |                  | 1 PLACE DIM<br>±.1/16                                                                                                                                                                                                                                                                                                                                                                                  | 2 PLACE DIM<br>±.02 | 3 PLACE DIM<br>±.003 | ANGLES<br>±1° | DRAWN       | Gene M. |                                                                                                                                                                                                                                                               |                                                  |                       |
| THIRD ANGLE PROJECTION                                                                |                  | <div>1. DIMENSIONS ARE IN INCHES</div> <div>2. DIMENSION LIMITS HELD AFTER PLATING.</div> <div>3. REMOVE BURRS AND SHARP EDGES .015 MAX.</div> <div>4. MACHINED FILLET RADII .0150-.030.</div> <div>5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005</div> <div>6. PERPENDICULARITY &amp; PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.</div> |                     |                      |               | ENGINEER    | Gene M. |                                                                                                                                                                                                                                                               |                                                  |                       |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                      |               | CHECKED     |         |                                                                                                                                                                                                                                                               |                                                  |                       |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                      |               | PROJECT NO. |         |                                                                                                                                                                                                                                                               |                                                  |                       |
|  |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                                                                                   |                     |                      |               | PROJECT     |         |                                                                                                                                                                                                                                                               |                                                  |                       |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                      |               |             |         |                                                                                                                                                                                                                                                               |                                                  |                       |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                      |               |             |         |                                                                                                                                                                                                                                                               |                                                  |                       |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                      |               | MAT'L       |         | <div>SIZE<br/>B</div>                                                                                                                                                                                                                                         | <div>DWG. NO.</div> <div>1-20082015-901206</div> | <div>REV.<br/>B</div> |
|                                                                                       |                  |                                                                                                                                                                                                                                                                                                                                                                                                        |                     |                      |               |             |         | SCALE 2:1                                                                                                                                                                                                                                                     | CAD FILE:                                        | SHEET 2 OF 2          |