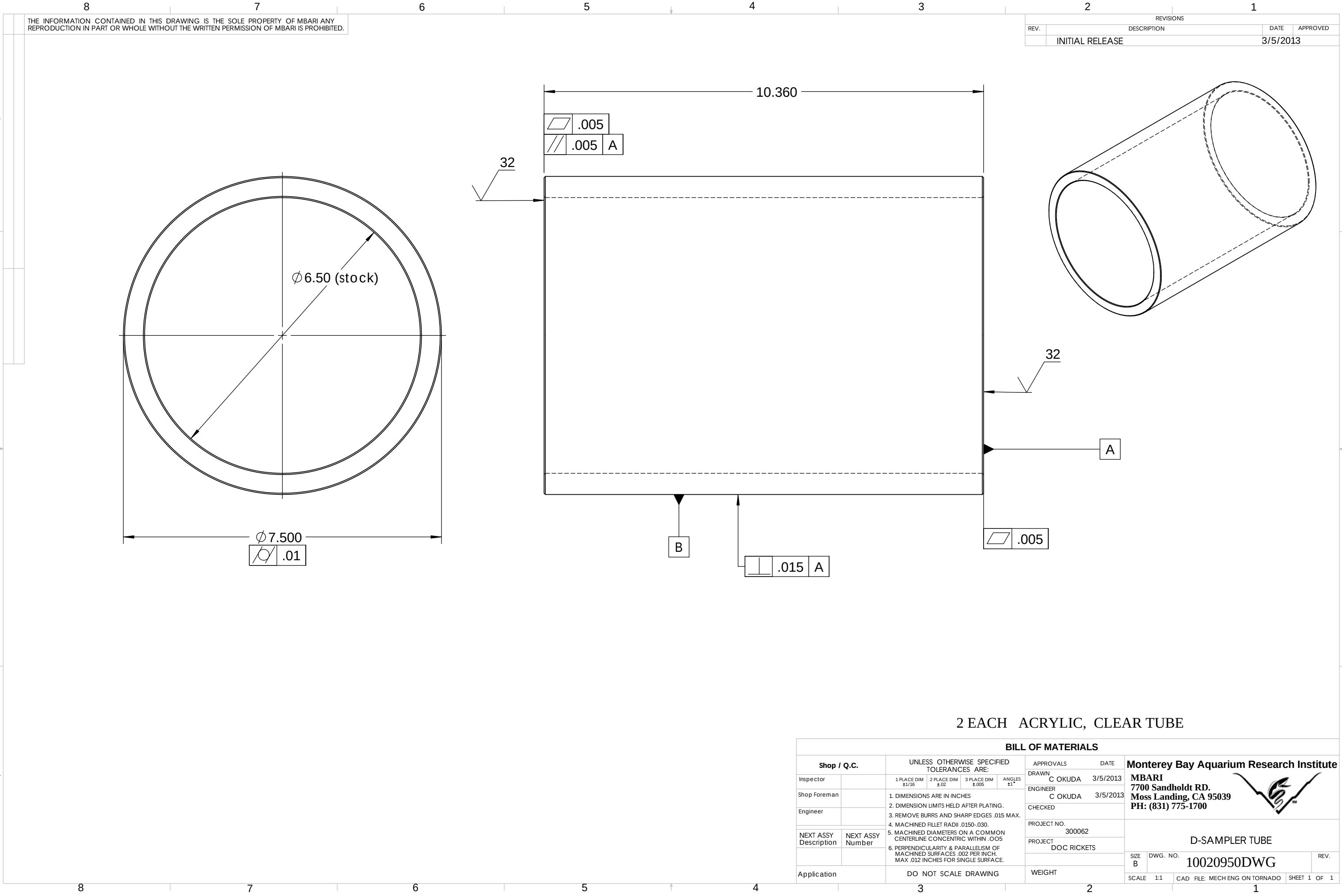




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| REVISIONS |                 |          |          |
|-----------|-----------------|----------|----------|
| REV.      | DESCRIPTION     | DATE     | APPROVED |
|           | INITIAL RELEASE | 3/5/2013 |          |

2 EACH ACRYLIC, CLEAR TUBE

| BILL OF MATERIALS     |                  |                                                                                                                                                                                                                                                                                                                                                 |                       |
|-----------------------|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                                                                                                                                                                                                                                                      |                       |
| Inspector             |                  | 1 PLACE DIM $\pm 1/16$                                                                                                                                                                                                                                                                                                                          | 2 PLACE DIM $\pm .02$ |
| Shop Foreman          |                  | 3 PLACE DIM $\pm .005$                                                                                                                                                                                                                                                                                                                          | ANGLES $\pm 1^\circ$  |
| Engineer              |                  | 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. |                       |
| NEXT ASSY Description | NEXT ASSY Number | APPROVALS DATE                                                                                                                                                                                                                                                                                                                                  |                       |
|                       |                  | DRAWN C OKUDA                                                                                                                                                                                                                                                                                                                                   | 3/5/2013              |
|                       |                  | ENGINEER C OKUDA                                                                                                                                                                                                                                                                                                                                | 3/5/2013              |
|                       |                  | CHECKED                                                                                                                                                                                                                                                                                                                                         |                       |
|                       |                  | PROJECT NO. 300062                                                                                                                                                                                                                                                                                                                              |                       |
|                       |                  | PROJECT DOC RICKETS                                                                                                                                                                                                                                                                                                                             |                       |
|                       |                  | WEIGHT                                                                                                                                                                                                                                                                                                                                          |                       |
| Application           |                  | DO NOT SCALE DRAWING                                                                                                                                                                                                                                                                                                                            |                       |
|                       |                  | 2                                                                                                                                                                                                                                                                                                                                               |                       |

|                                                                                       |                               |         |      |
|---------------------------------------------------------------------------------------|-------------------------------|---------|------|
| Monterey Bay Aquarium Research Institute                                              |                               |         |      |
| MBARI<br>7700 Sandholdt RD.<br>Moss Landing, CA 95039<br>PH: (831) 775-1700           |                               |         |      |
|  |                               |         |      |
| D-SAMPLER TUBE                                                                        |                               |         |      |
| SIZE B                                                                                | DWG. NO. 10020950DWG          | REV.    |      |
| SCALE 1:1                                                                             | CAD FILE: MECH ENG ON TORNADO | SHEET 1 | OF 1 |