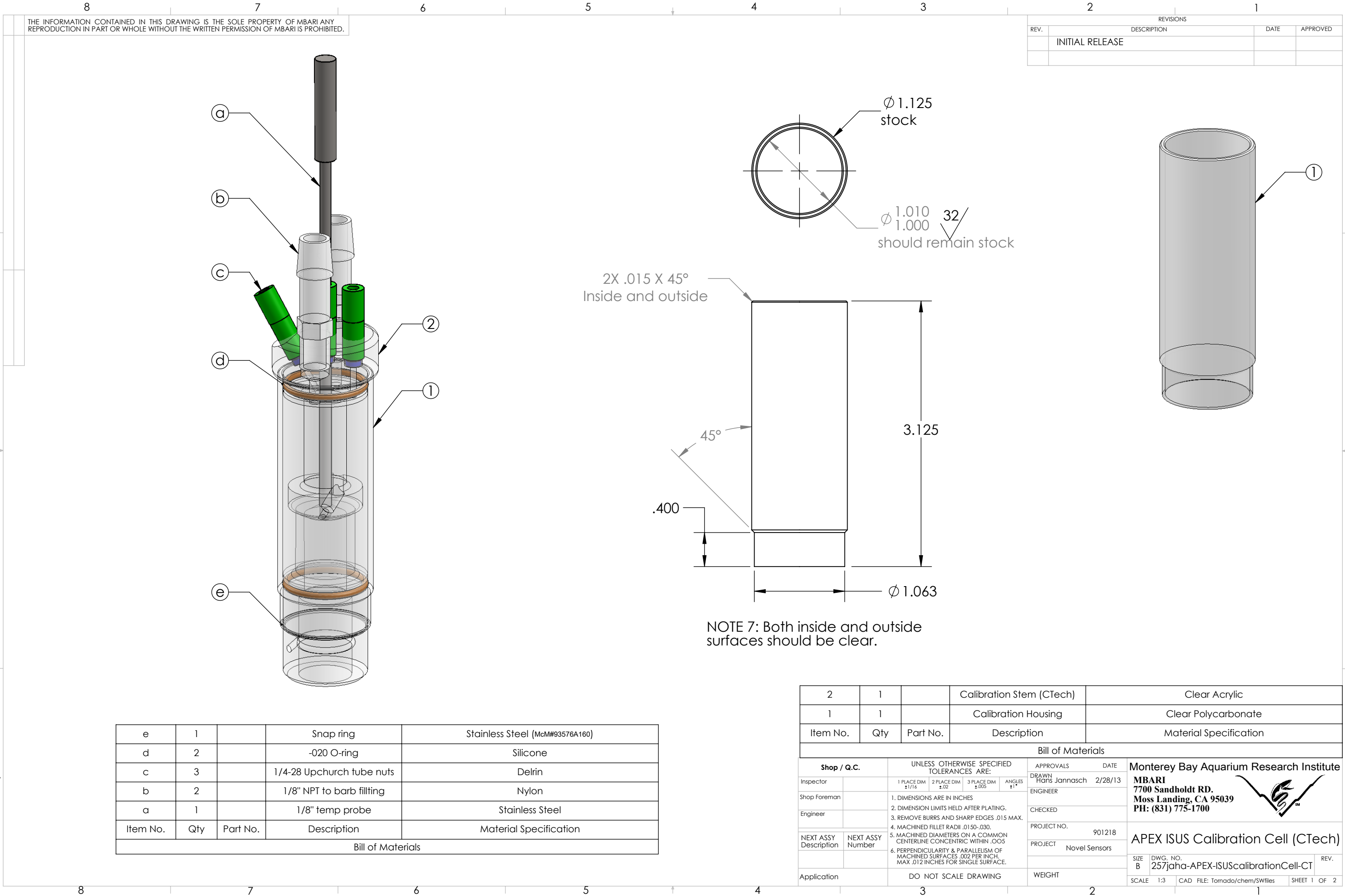




THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

| REVISIONS |                 |      |          |
|-----------|-----------------|------|----------|
| REV.      | DESCRIPTION     | DATE | APPROVED |
|           | INITIAL RELEASE |      |          |
|           |                 |      |          |

D

C

B

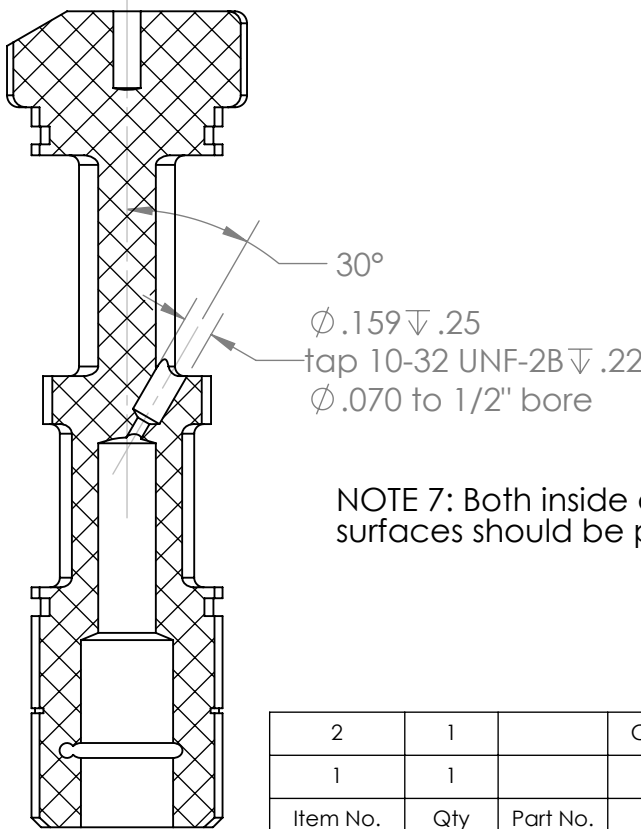
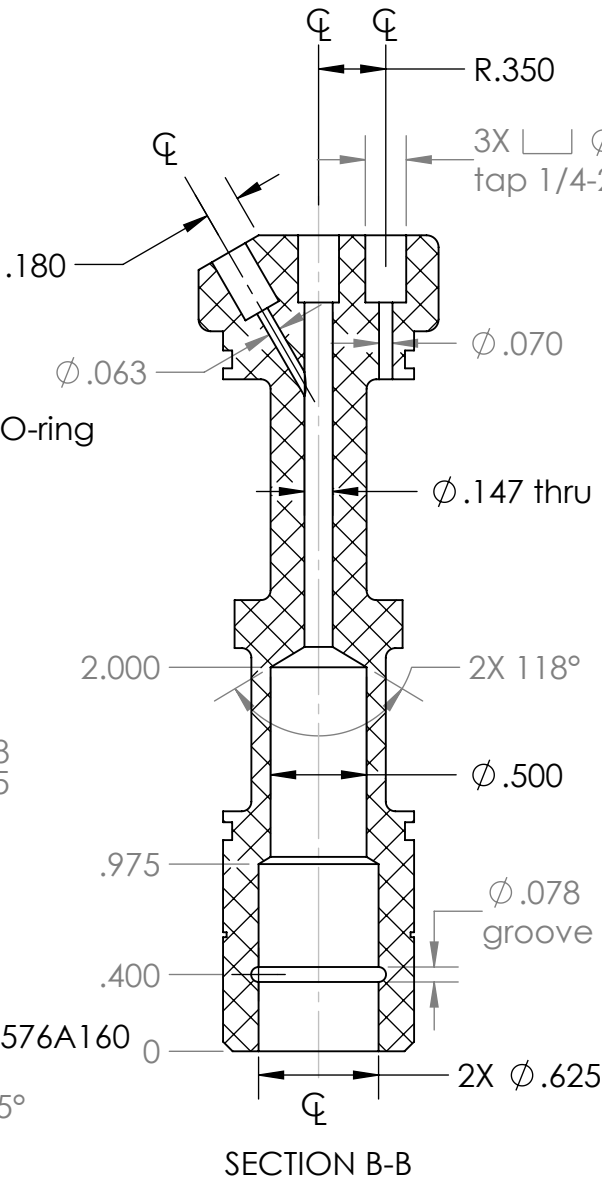
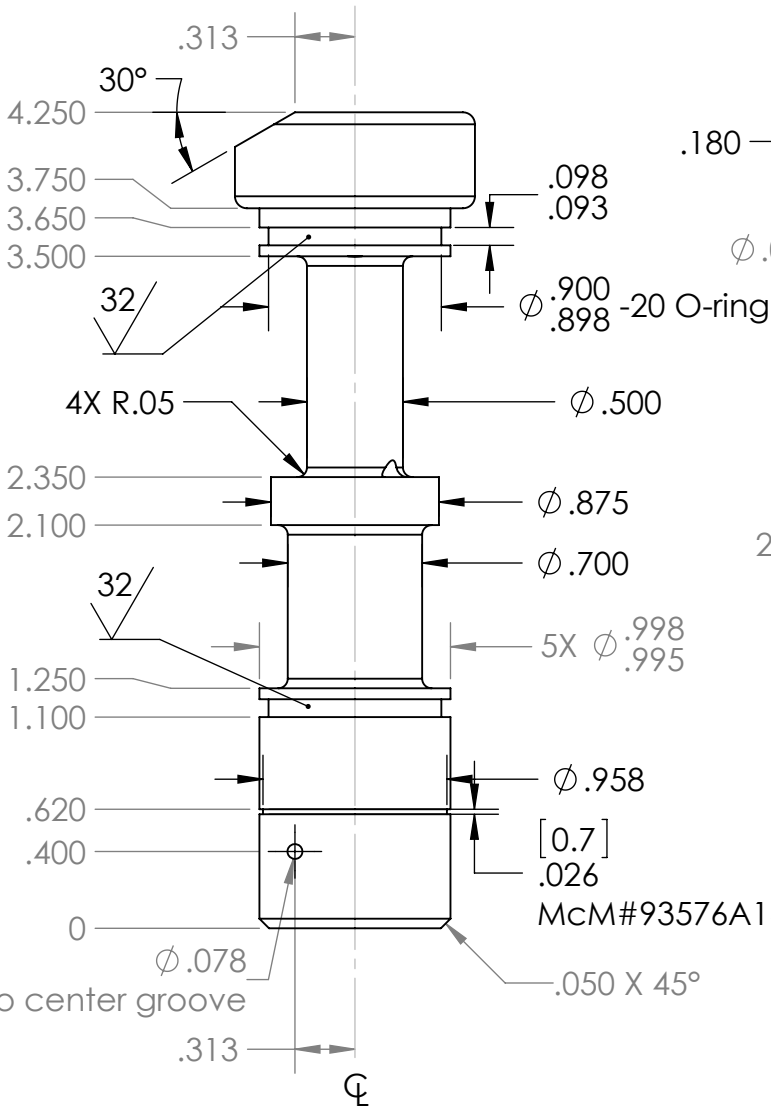
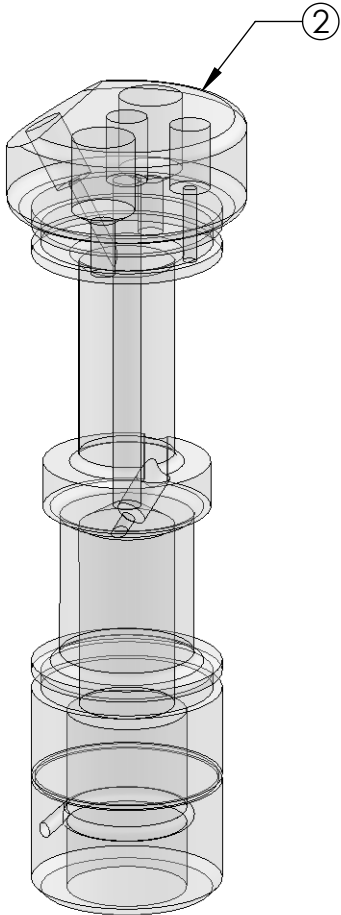
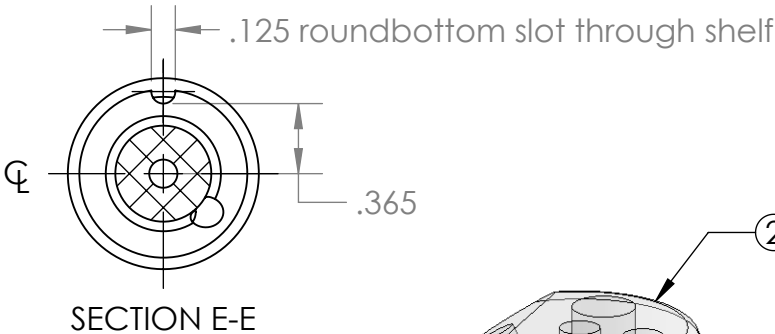
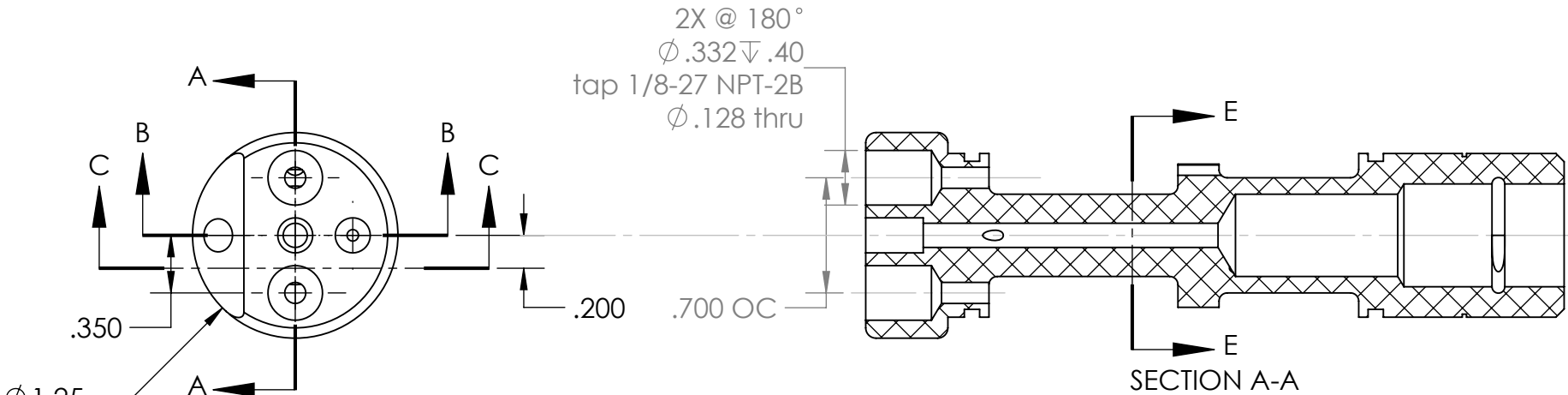
A

D

C

B

A



|          |     |          |                          |                        |
|----------|-----|----------|--------------------------|------------------------|
| 2        | 1   |          | Calibration Stem (CTech) | Clear Acrylic          |
| 1        | 1   |          | Calibration Housing      | Clear Polycarbonate    |
| Item No. | Qty | Part No. | Description              | Material Specification |

| Bill of Materials     |                  |                                                                                                           |                  |                       |
|-----------------------|------------------|-----------------------------------------------------------------------------------------------------------|------------------|-----------------------|
| Shop / Q.C.           |                  | UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:                                                                |                  | APPROVALS             |
| Inspector             |                  | 1 PLACE DIM ±1/16                                                                                         | 2 PLACE DIM ±.02 | DATE 2/28/13          |
| Shop Foreman          |                  | 3 PLACE DIM ±.005                                                                                         | ANGLES ±1°       | DRAWN Hans Jannasch   |
| Engineer              |                  | 1. DIMENSIONS ARE IN INCHES                                                                               |                  | ENGINEER              |
|                       |                  | 2. DIMENSION LIMITS HELD AFTER PLATING.                                                                   |                  | CHECKED               |
|                       |                  | 3. REMOVE BURRS AND SHARP EDGES .015 MAX.                                                                 |                  | PROJECT NO. 901218    |
|                       |                  | 4. MACHINED FILLET RADII .0150-.030.                                                                      |                  | PROJECT Novel Sensors |
| NEXT ASSY Description | NEXT ASSY Number | 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005                                       |                  |                       |
|                       |                  | 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE. |                  |                       |
| Application           |                  | DO NOT SCALE DRAWING                                                                                      |                  | WEIGHT                |

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

APEX ISUS Calibration Cell (CTech)

|           |                                              |              |
|-----------|----------------------------------------------|--------------|
| SIZE B    | DWG. NO. 257jaha-APEX-ISUSCalibrationCell-CT | REV.         |
| SCALE 1:3 | CAD FILE: Tornado/chem/SWfiles               | SHEET 2 OF 2 |