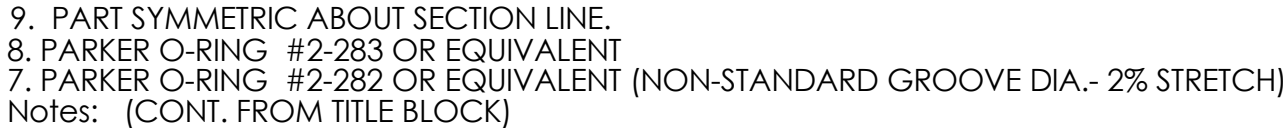
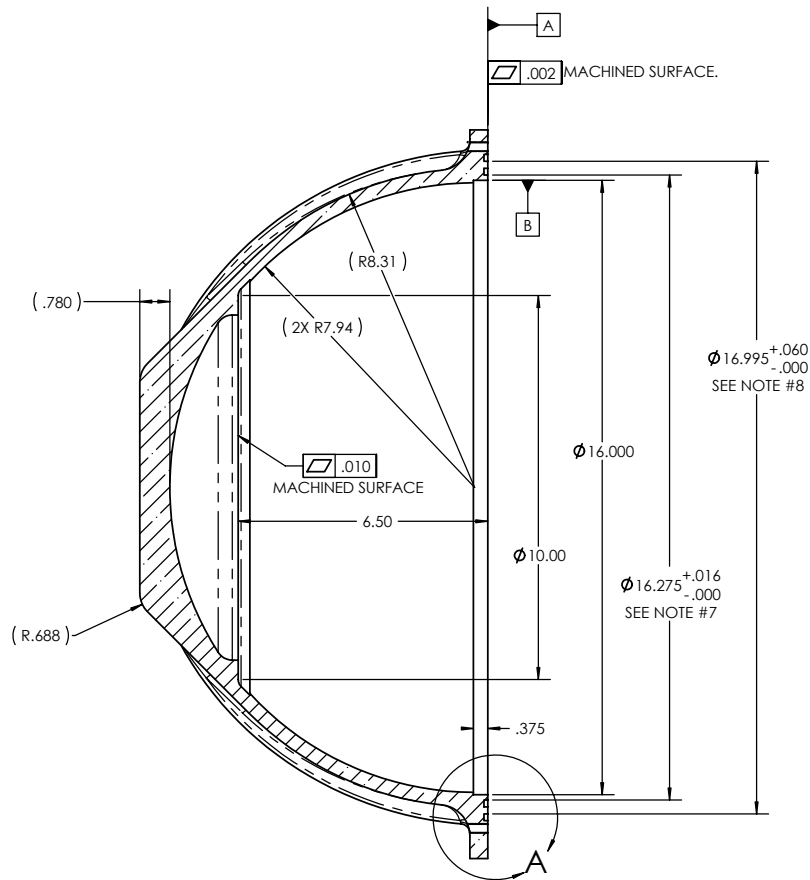
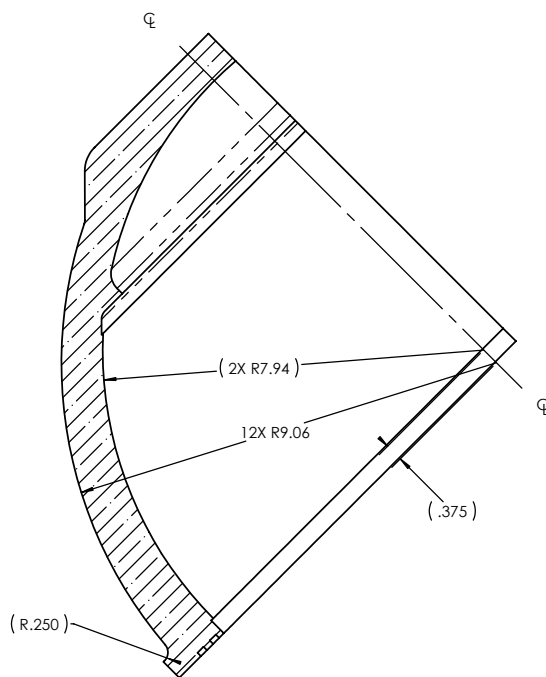


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		
A	ADDED O-RING GROOVE #2-281	12/20/01	J.E.



DETAIL K
SCALE 1:1

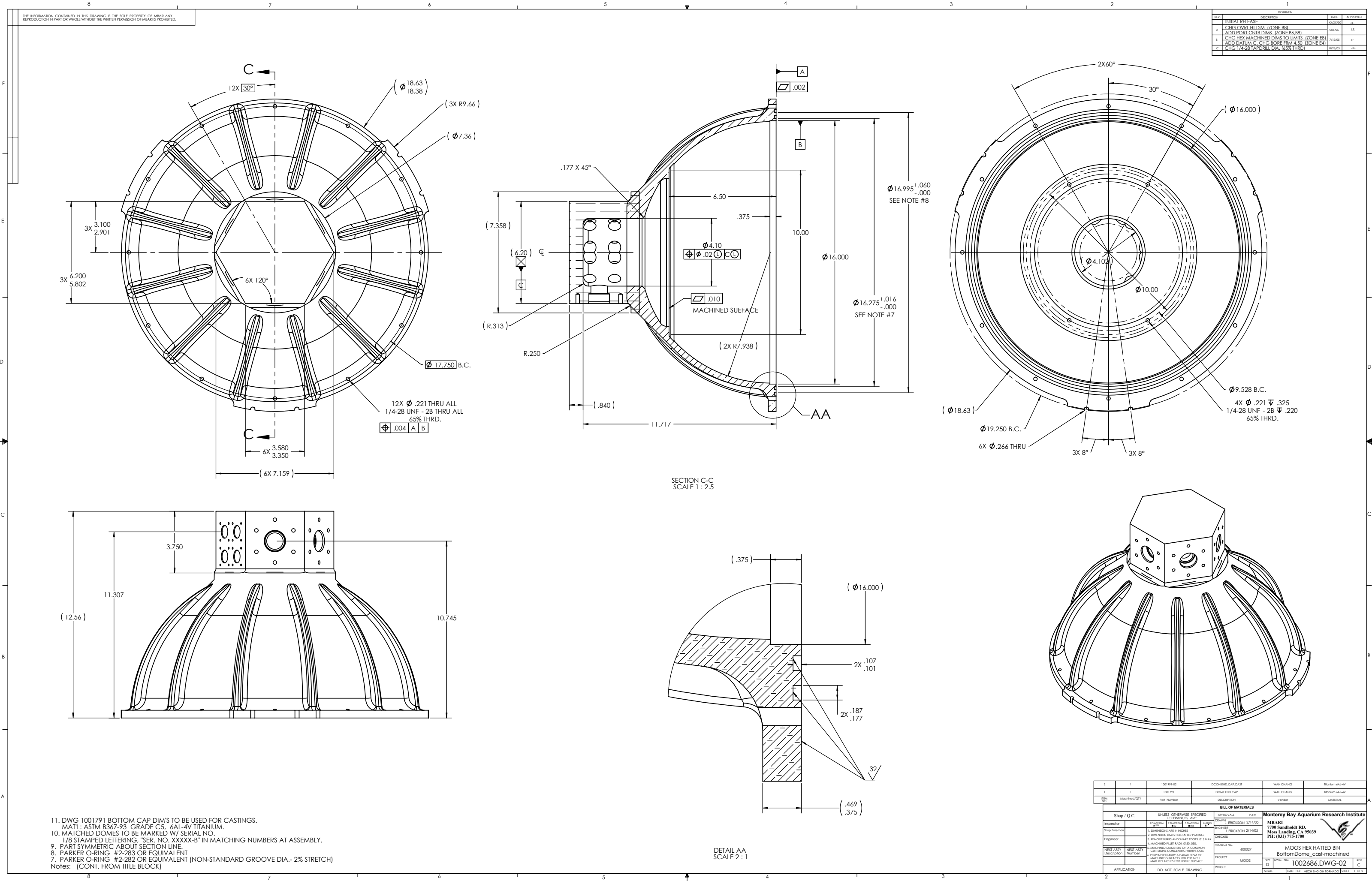
100252		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005	700237	GENERAL SEISMOMETER HOUSING BOTTOM CAP KECK B.B. SEISMOMETER		
NEXT ASSY	USED ON	6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX. .012 INCHES FOR SINGLE SURFACE.	PROJECT KECK B.B.	SIZE B	DWG. NO. 1001791.DWG	REV. A
APPLICATION		DO NOT SCALE DRAWING	WEIGHT	SCALE 1:1	CAD FILE: BARNACLE\ARCHIVE	SHEET 1 OF 1

[illegible]

Technical drawing of a mechanical part, likely a valve or plug, showing a cross-section with various dimensions and features. The drawing includes the following dimensions and features:

- Top horizontal dimension: $(.375)$
- Top right circular feature: $(\phi 16.000)$
- Right side vertical dimension: $2X .111$ and $.101$
- Right side vertical dimension: $2X .187$ and $.177$
- Bottom right corner: 32°
- Bottom horizontal dimension: $.469$ and $.375$
- Left side curved feature: $(R.81)$
- Internal features: The drawing shows a cross-section with a hatched area and a dashed line indicating a hidden feature.

- | | | | | | | | | | |
|----------------------|-----------------|---|------------------------------|--|--|--|---|--|---|
| Shop / Q.C. | | UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE: | | BILL OF MATERIALS
APPROVALS _____ DATE _____
BY _____
ENGINEER _____
CHECKED _____
DATE _____
PROJECT NO. _____
PRODUCT _____
MODS _____
WEIGHT _____
SCALE _____ | | Monterey Bay Aquarium Research Institute
MBARI
7700 Sandhill Rd.
Moss Landing, CA 95039
PH: (831) 755-1700 | | | |
| Inspector | | 1. FINISHES ARE BY MACHINE | 2. DIMENSIONS ARE BY MACHINE | 3. DIMENSIONS UNLESS LIMITED AFTER PLATING. | 4. REMOVAL BURRS AND SHARP EDGES AT MAX. 0.005 IN. | 5. MACHINED FLUTED BORE 0.005 IN. | 6. MACHINED DIAMETERS ON A COAXIAL CENTERLINE | 7. PERMANENTLY IDENTIFY PARTS OF MACHINED SURFACES WITH A MAX. 1/16 IN. MARK FOR SINGLE SURFACE. |  |
| Proj. Designer | | | | | | | | | |
| Engineer | | | | | | | | | |
| NEXT ASY Description | NEXT ASY Number | | | | | | | | |
| APPLICATION | | DO NOT SCALE DRAWING | | Bottom Dome, cast-machined
MOOS CB | | 1002686-DWG-01
SCALE CAD FILE: MED-ENG ON TORONDO PREP | | REV. 1
1 | |



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		00/00/00	J.E.
A	CHG OVRLL HT DIM. (ZONE B8) ADD PORT CNTR DIMS. (ZONE B4, B8)	7/01/05	J.E.
B	CHG HEX MACHINED DIMS TO LIMITS (ZONE E8) ADD DATUM C, CHG BORE FRM 4.50 (ZONE E4)	7/10/05	J.E.
C	CHG 1/4-28 TAPDRILL DIA. (65% THRD)	8/26/05	J.E.

SECTION C-C
SCALE 1 : 2.5

DETAIL AA
SCALE 2 : 1

11. DWG 1001791 BOTTOM CAP DIM'S TO BE USED FOR CASTINGS.
MAT'L: ASTM B367-93 GRADE C5, 6AL-4V TITANIUM.
10. MATCHED DOMES TO BE MARKED W/ SERIAL NO.
1/8 STAMPED LETTERING: "SER. NO. XXXXX-B" IN MATCHING NUMBERS AT ASSEMBLY.
9. PART SYMMETRIC ABOUT SECTION LINE.
8. PARKER O-RING #2-283 OR EQUIVALENT
7. PARKER O-RING #2-282 OR EQUIVALENT (NON-STANDARD GROOVE DIA.: 2% STRETCH)
Notes: (CONT. FROM TITLE BLOCK)

2	1	1001791-02	DOCKING CAP (LAST)	WAI CHANG	Titanium 6AL-4V
1	1	1001791	DOCKING CAP	WAI CHANG	Titanium 6AL-4V
REV (REV)	Machined QTY	Part Number	DESCRIPTION	Vendor	MATERIAL
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		1 PLACE DIM	2 PLACE DIM	3 PLACE DIM	4 PLACE DIM
Shop Foreman		1. DIMENSIONS ARE IN INCHES	2. DIMENSION LIMITS WELD AFTER PLATING	3. REMOVE BURRS AND SHARP EDGES (0.015 MAX)	4. MACHINED FILLER RADII (0.050-0.060)
Engineer		5. MACHINED DIAMETERS ON A CIRCULAR CENTERLINE CONCENTRIC WITHIN .005	6. MACHINED SURFACES & PARALLELISM OF MACHINED SURFACES (0.001 PER INCH - MAX. 0.010 INCHES FOR SINGLE SURFACE)	PROJECT NO.	400027
NEXT ASST Description	NEXT ASST Number	PROJECT		PROJECT	
APPLICATION		DO NOT SCALE DRAWING		WEIGHT	
Monterey Bay Aquarium Research Institute					
MBARI 7700 Sandblat RD. Moss Landing, CA 95039 PH: (831) 775-1700					
MOOS HEX HATTED BIN BottomDome_cas-machined					
DWG NO: 1002686.DWG-02		SIZE D	SCALE	CAD FILE: MECH ENG ON TORNAO	SHEET 1 OF 2