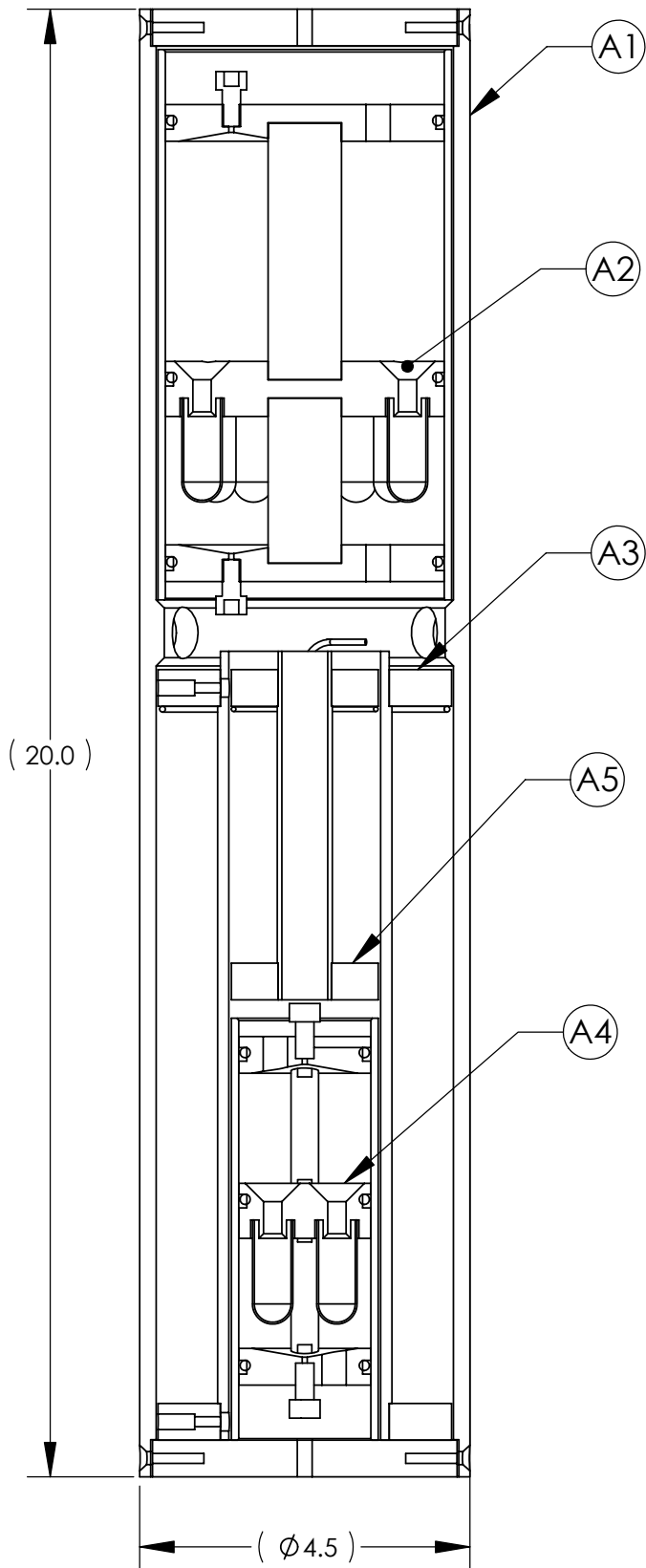


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		
A	2005 modifications	6/13/05	HWJ



A line drawing of a cylindrical container with a lid. On the lid, there is a small circular feature with a central dot. A label 'A2' in a circle is positioned to the right of the container, with an arrow pointing to the upper right edge of the cylinder.



Figure 1 is a perspective view of a cylindrical component 100. The component has a central vertical shaft with a top flange and a bottom flange. A label 'A3' with an arrow points to the top flange.

OsmoSampler Housing

OsmoSampler Housing

A5	1@		Acid Coil	
A4	1@		Acid Pump	
A3	1@		Sample Coil	
A2	1@		Sample Pump	
A1	1@		Housing	
ITEM NO.	QTY	PART NO.	DESCRIPTION	MATERIAL SPECIFICATION

**Monterey Bay Aquarium
Research Institute**

7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (408) 775-1700

Acid-Addition OsmoSampler
Version 2

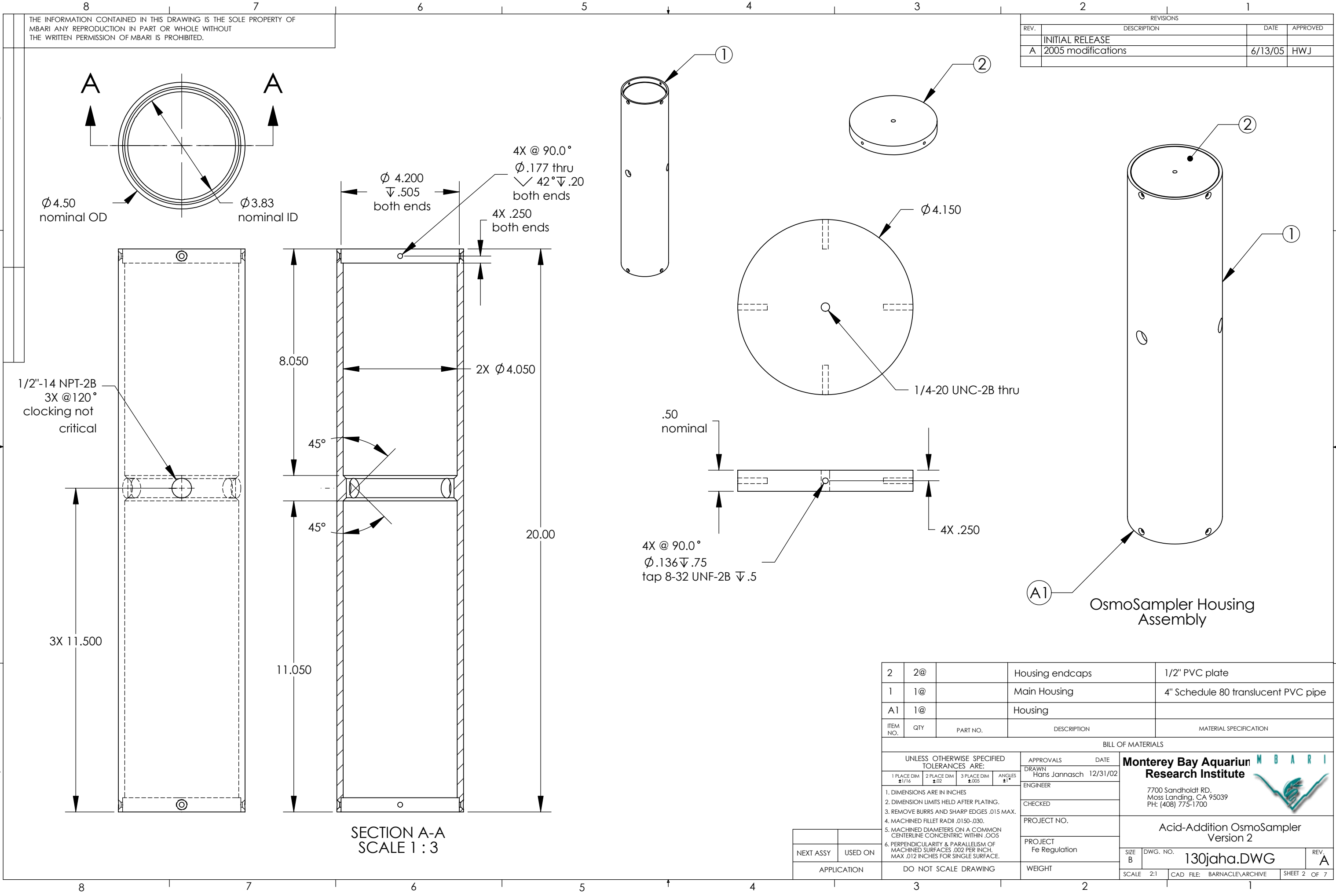
NEXT ASSY	USED ON

	APPLICATION
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DO NOT SCALE DRAWING

WEIGHT	
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B	150juna.DWG		A
SCALE: 2:1	CAD FILE: BARNACLE.ARGUMENT	SHEET 1 OF 7	

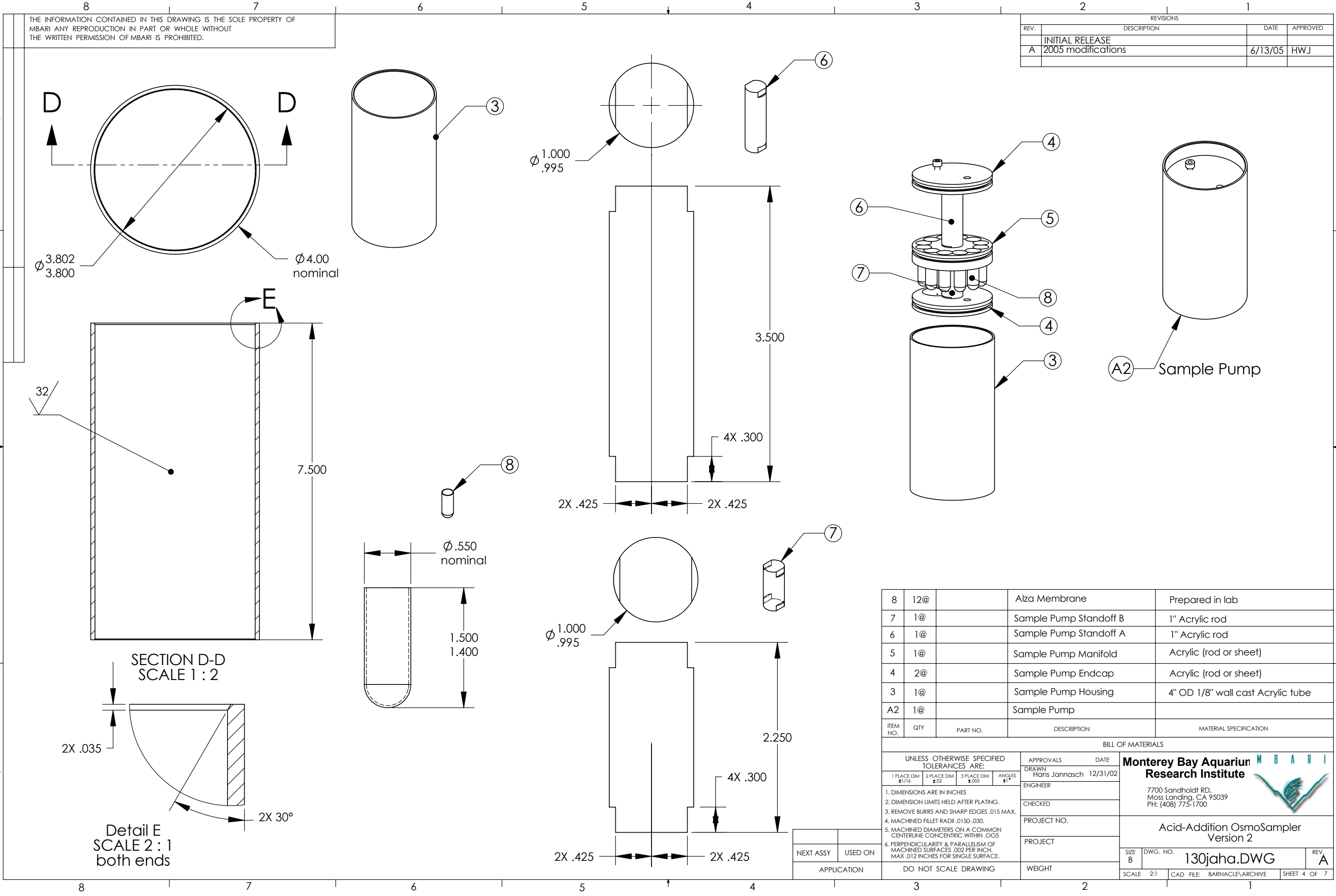


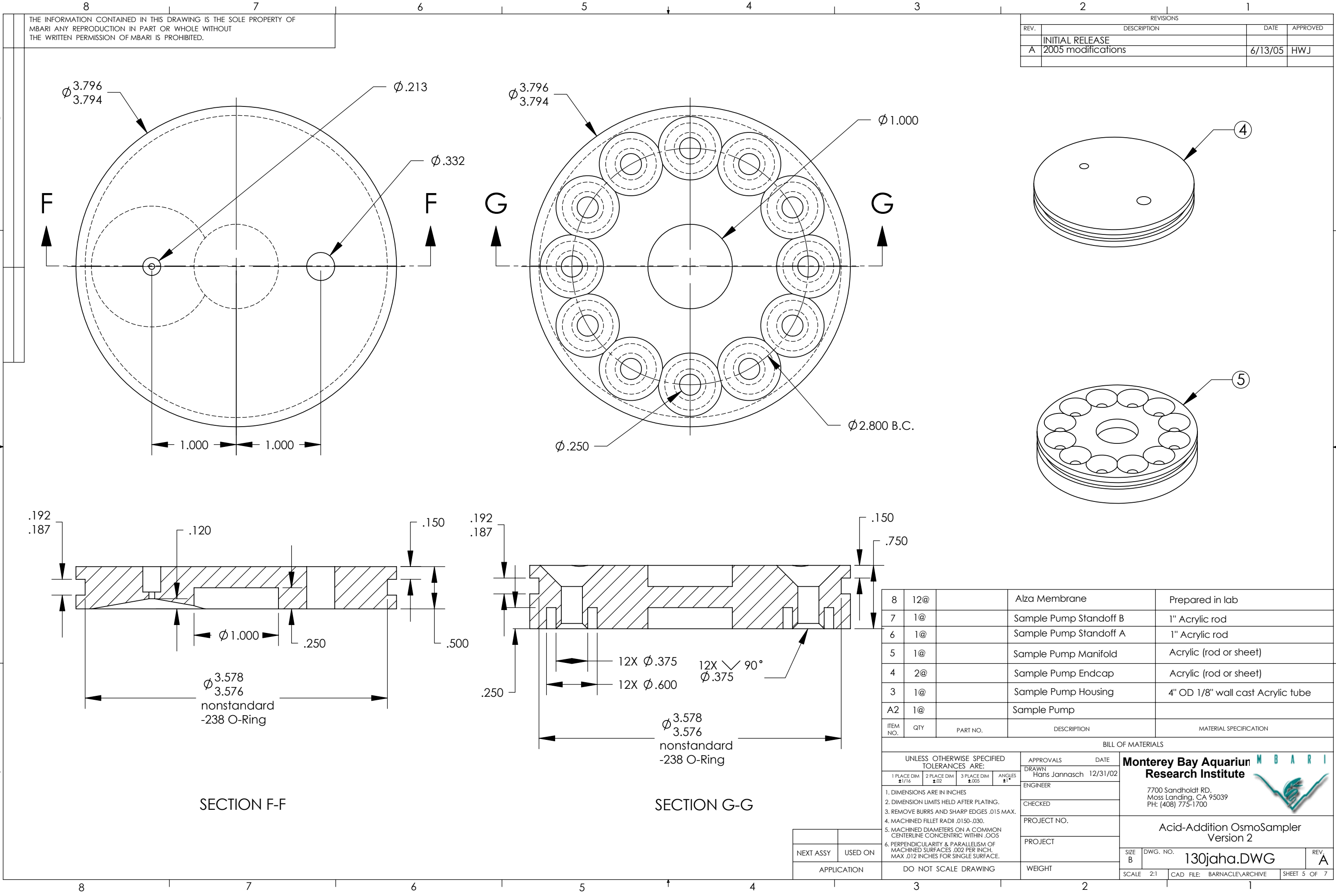
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

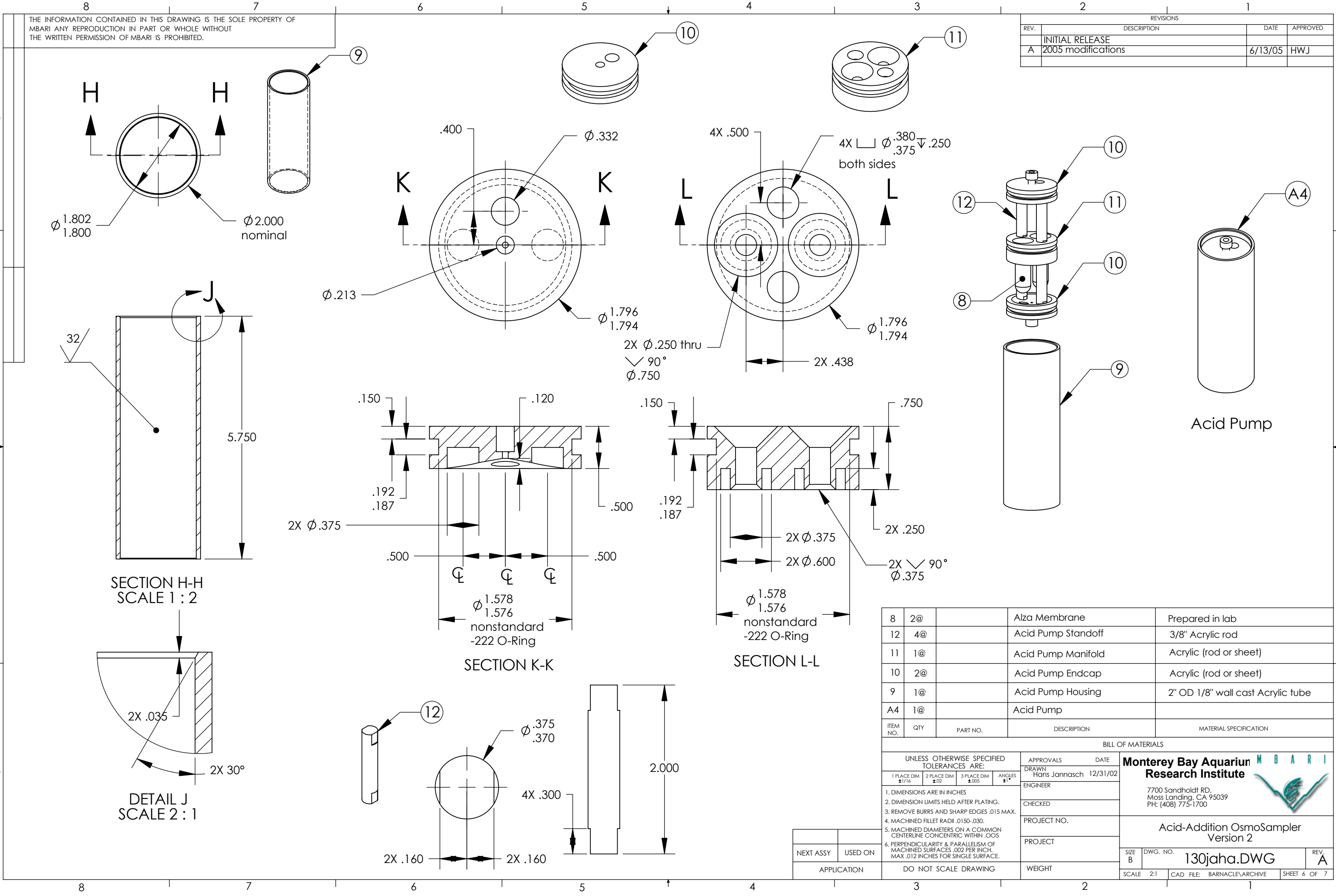
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		
A	2005 modifications	6/13/05	HWJ

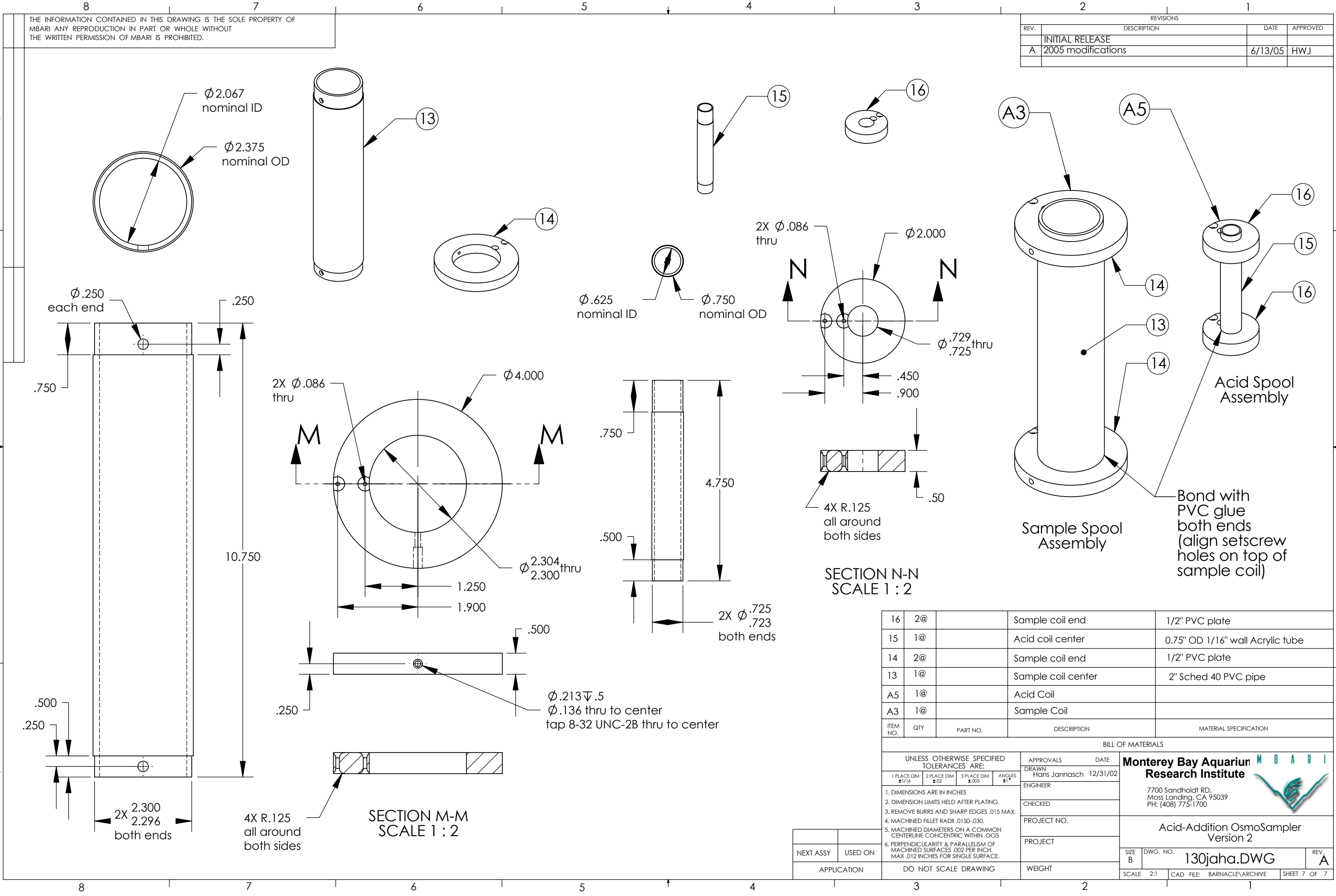
2	2@		Housing endcaps	1/2" PVC plate
1	1@		Main Housing	4" Schedule 80 translucent PVC pipe
A1	1@		Housing	
ITEM NO.	QTY	PART NO.	DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS				
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS	DATE
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	DRAWN Hans Jannasch	12/31/02
1. DIMENSIONS ARE IN INCHES			ENGINEER	
2. DIMENSION LIMITS HELD AFTER PLATING.			CHECKED	
3. REMOVE BURRS AND SHARP EDGES .015 MAX.			PROJECT NO.	
4. MACHINED FILLET RADII .0150-.030.			PROJECT	Fe Regulation
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			WEIGHT	
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				
NEXT ASSY USED ON APPLICATION			DO NOT SCALE DRAWING	

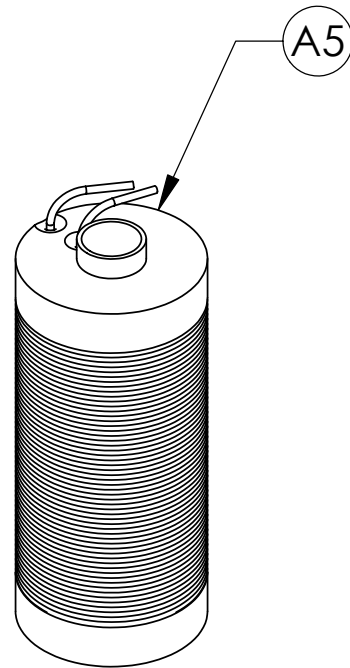
Monterey Bay Aquarium Research Institute		7700 Sandholdt RD. Moss Landing, CA 95039 PH: (408) 775-1700	
Acid-Addition OsmoSampler Version 2		SIZE B DWG. NO. 130jaha.DWG	
SCALE 2:1		SHEET 2 OF 7	











Acid Coil
(Spool with tubing)
Assembly

- 1) Spools to be evenly wrapped with Teflon tubing, ensuring no splices, leaks, kinks or other defects. (Teflon tubing supplied by MBARI)
- 2) Each end should be about 24 to 36 inches (wrapped and taped to end of spool).
- 3) Each **Sample spool** to be wrapped with:
~960 to 1000 ft of .079" OD tubing in
10 layers consisting of ~120 revolutions per layer.
- 4) Each **Acid spool** to be wrapped with:
~180 to 190 ft of .063" OD tubing in
10 layers consisting of ~53 revolutions per layer.

NEXT ASSY	USED ON
APPLICATION	