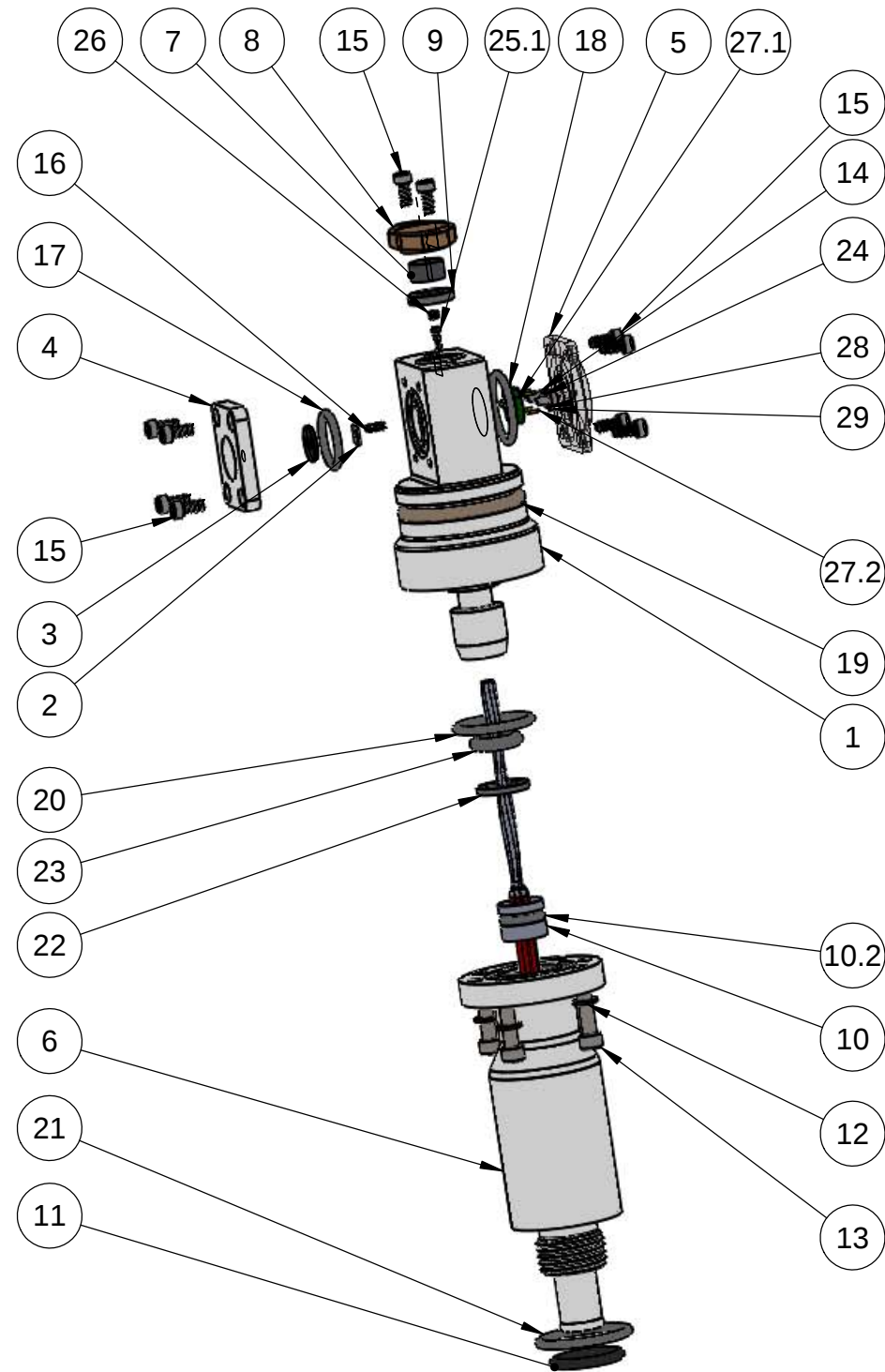
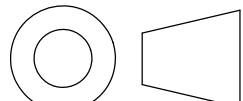
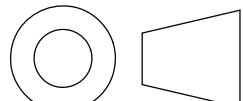


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Status: Released to Manufacturing

MBARI BOM						
ITEM NO.	REVISION	SW-File Name(File Name)	Vendor	VENDORNO	DWG NUM	ASSY. QTY.
1	M	Housing	MBARI		100221678	1
2	B	DuraFETchip6	MBARI CFE			1
3	B	duraFETFaceGasket_Viton_D75A	McMaster Carr	86075K21	100221683	1
4	B	FrontCoverPlateTallShoulder	MBARI		100221681	1
5	D	backCoverPlate	MBARI		100221684	1
6	C	portAdapter	MBARI		100221685	1
7	B	VLRefPelletAlteredItem	Van London		100221686	1
8	D	VLRefElectrodeCap	MBARI		100221687	1
9	B	ORingSquare-010	McMaster Carr	4061T115		1
10	B	PaveTech16321				1
10.1	C	PaveTech16321	Pave Technology	16321		1
10.2	B	ORingViton-10	Pave Technology			1
11	B	O-Ring 3-906_VitonD75A	McMaster-Carr	5267T488		1
12	B	Regular LW 0.112	United Titanium	1-01-322-00.00		4
13	B	HX-SHCS 0.112-40x0.375x0.375-N	McMaster-Carr	95435A350		4
14	B	HX-SHCS 0.06-80x0.125x0.125-N	McMaster Carr	92196A052		2
15	B	SHCS Ti2-56x0.188	McMaster Carr	95435A207		10
16	B	Fuzzbutton	Custom Interconnects	80-020125		3
17	B	ORing1.5x10mm_Buna_D70A	McMaster Carr	9262K127		1
18	B	1.5x13mmORing_Buna_D70A	McMaster Carr	9262K123		1
19	B	ORing-118_Silicon_D70A	McMaster Carr	9396K75		1
20	B	ORing-015_Buna_D70A	McMaster Carr	4198T511		1
21	B	ORing-017_Viton_D75A	McMaster Carr	9464K71		1
22	B	backupRing108	McMaster Carr	5288T163 (MC special order)		1
23	B	MIL SPEC O-RING-108	McMaster-Carr	5018T533		1
24	B	SBHCSCREW 0.06-80x0.125-HX-N	McMaster-Carr	92949A050		1
25	B	VLPelletContact			100221688	1
25.1	B	VLPelletContactAlteredItem				1
25.2	B	Wire				1
25.3	B	VLPelletWireSolder				1
26	B	VLPelletFuzzButton	Custom Interconnects	80-075075		1
27	B	PWB4			100221659	1
27.1	B	100221480rb2_isfetinterfacepcb				1
27.2	B	mill-max-8969-0-05-21-00-00-03-0	Mill-Max	8969-0-05-21-00-00-03-0		4
27.3	B	mill-max-4068-0-00-15-00-00-33-0	Mill-Max	4068-0-00-15-00-00-03-0		3
28	B	Stainless Steel Split Lock Washer	McMaster-Carr	92146A510		1
29	B	18-8 Stainless Steel Washer	McMaster-Carr	9214A002		1

BILL OF MATERIALS										
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS	DATE	Monterey Bay Aquarium Research Institute			
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Gene M.		 7700 Sandholdt Rd. Moss Landing, CA 95039 831 775-1922	
						ENGINEER	Gene M.			
						CHECKED				
THIRD ANGLE PROJECTION		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 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.				PROJECT NO.	901217			GDF ASSEMBLY
						PROJECT	Chem Sensors			
		DO NOT SCALE DRAWING				MAT'L	SIZE B	DWG. NO. 100221682	REV. B	
						SCALE 1/4	CAD FILE:		SHEET 1 OF 1	