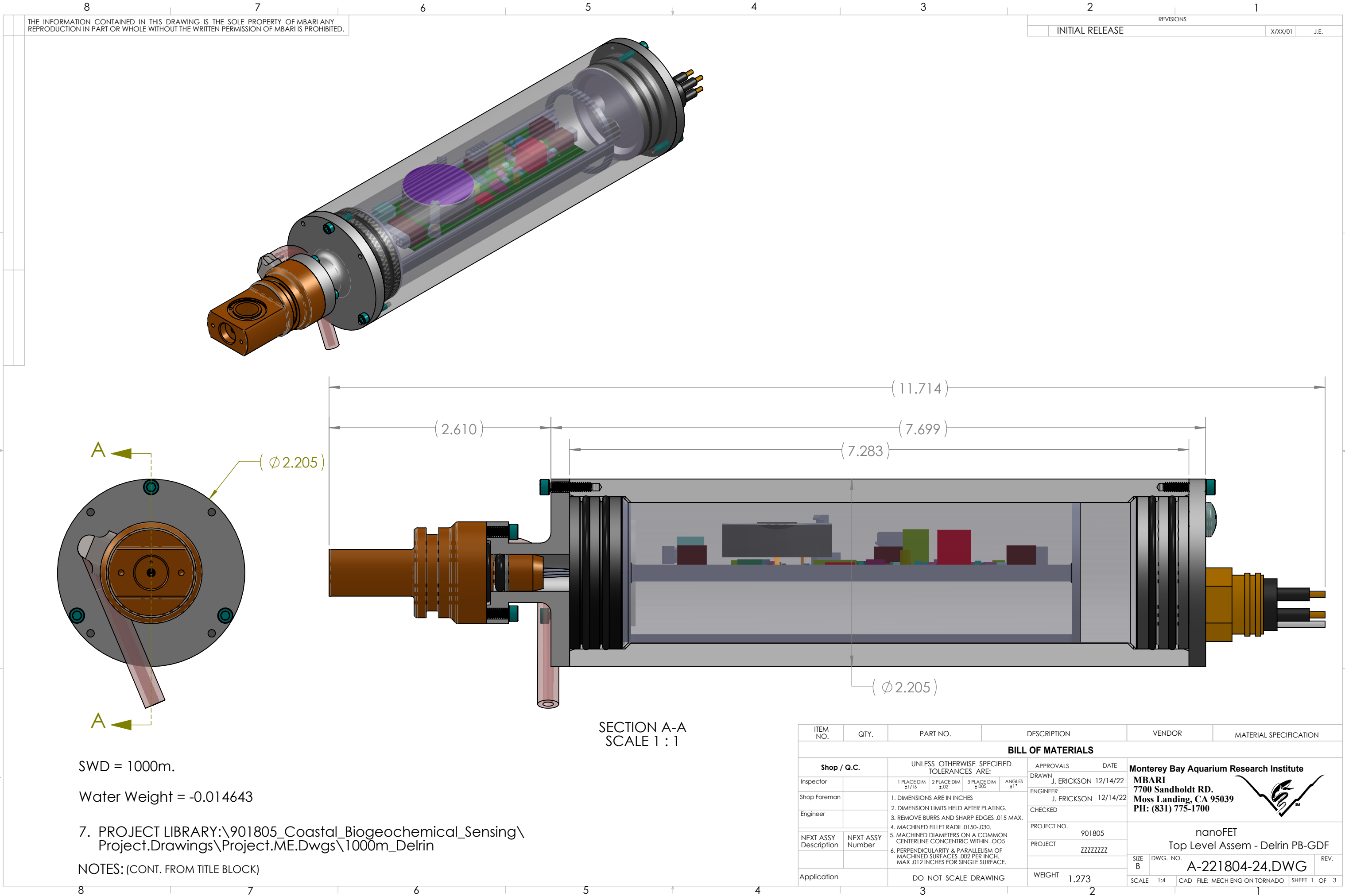
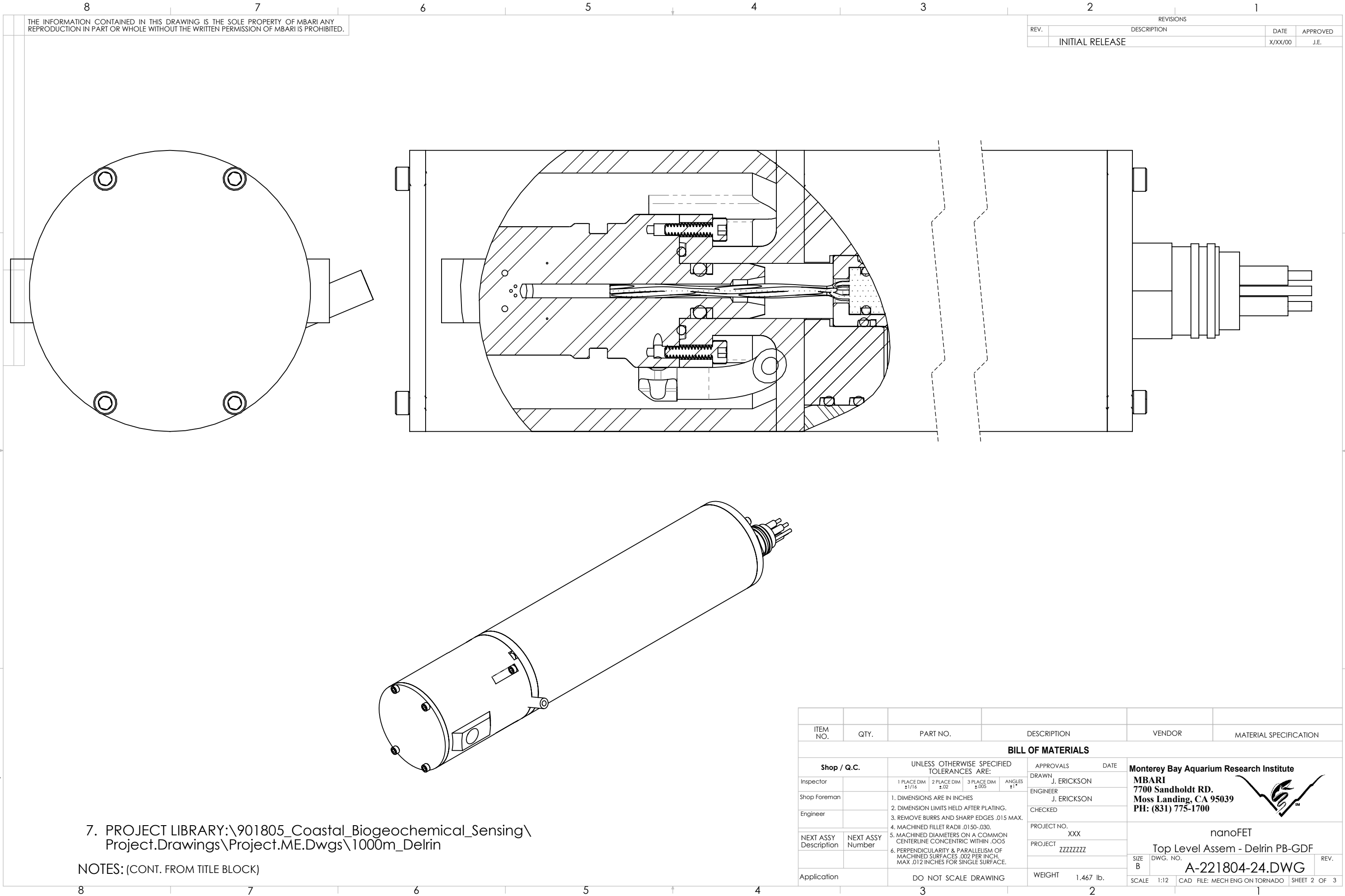






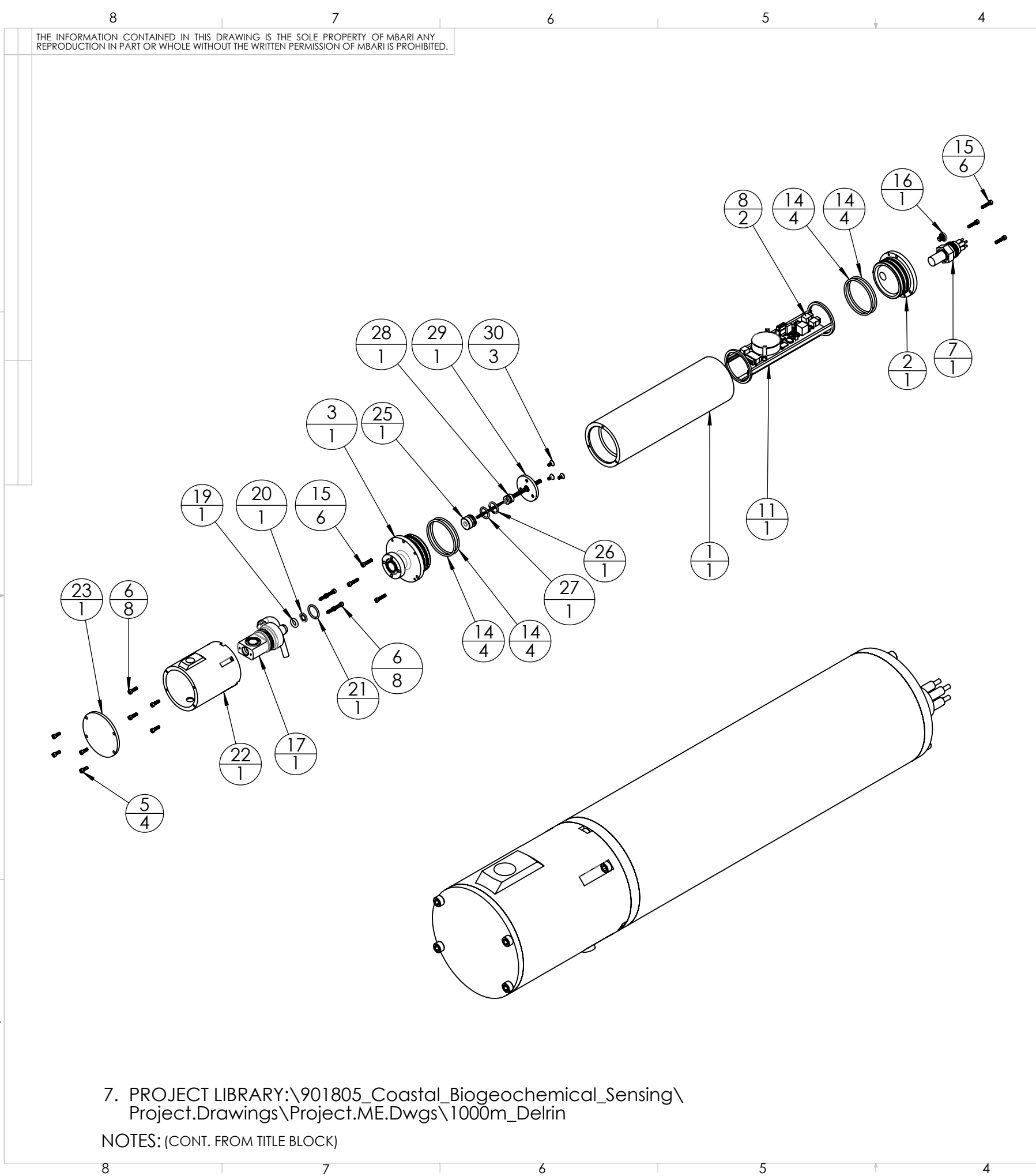
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

7. PROJECT LIBRARY:\901805_Coastal_Biogeochemical_Sensing\
Project.Drawings\Project.ME.Dwgs\1000m_Delrin

NOTES: (CONT. FROM TITLE BLOCK)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS	DATE
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	DRAWN J. ERICKSON	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 
Shop Foreman		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.		ENGINEER J. ERICKSON	
Engineer		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.		CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO. XXX	
				PROJECT ZZZZZZZZ	
Application		DO NOT SCALE DRAWING		WEIGHT	1.467 lb.
				nanofET	
				Top Level Assem - Delrin PB-GDF	
				SIZE B	DWG. NO. A-221804-24.DWG
				SCALE 1:12	REV. SHEET 2 OF 3
				CAD FILE: MECH ENG ON TORNADO	



35	1	TL-5135	Tadiran TL-5135	2	1
34	3	0503-2-15	MilMax_0503-2-15	2	1
33	2	91772A076	#2-56 x 3/16_18-8 S.S. Pan Head Phillips	2	1
32	2	99362A800	#2-56 Brass Tapping Inserts for Plastic	2	1
31	2	P-221931-23	Snap Hook Part	2	1
30	3	90585A200	#4-40 UNC-2A x 1/4L Flt Sckt Hd Cap	2	1
29	1	P-221860-23	PaveTech Retaining Plate	2	1
28	1	???????	GDF pH Sensor	2	1
27	1	#2-xxx-70N	O-RING	2	1
26	1		Parbak backup ring	2	1
25	1	P-221858-24	PaveTech Plug V2	2	1
24	1			2	1
23	1	P-221794-22	nanoFET Flow Cell Cover	2	1
22	1	P-221801-22	DuraFET_Flow Cell	2	1
21	1	#2-015	O-RING	2	1
20	1		Parbak backup ring	2	1
19	1	#2-108-70N	O-RING	2	1
18	1		PBT Tube Fitting	A	1
17	1		GDF	S	1
16	1	90825A838	#10-32 x 1/4_Sealing Pan Head Screws	2	1
15	6	92185A110	#4-40 x 1/2 Soc Hd Cap Screw	2	1
14	4	2mm x 42mm - 70-N	O-RING	2	1
13	1	P-221800-22	nanmoFET 1000m Rear End Cap_V2	2	1
12	1	P-221791-23	nanoFET1000m Front End Cap V3	2	1
11	1	P-221932-23	nanoFET Board Chassis	A	1
10	1	m80-1031298	12 Pin Conn	2	1
9	1	m80-1031098	10 Conn	2	1
8	2	m80-1030498	4 Conn	2	1
7	1	MCBH4M	SubConn Conn	2	1
6	8	92185A108	#4-40 x 3/8 SocHd Cap	2	1
5	4	92185A107	#4040 x .312 Soc Hd Cap Screw	2	1
4	1	100221643rB_0720 23-0840	nanoFET Board	2	1
3	1	P-221802-22	nanoFET 1000m sensor port adaptor	2	1
2	1	P-221800-22	nanmoFET 1000m Rear End Cap_V2	2	1
1	1	P-221798-22	nanoFET 1000m Tube V2	2	1
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Vendor
					MATERIAL

BILL OF MATERIALS													
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700  nanofET Top Level Assem - Delrin PB-GDF A-221804-24.DWG				
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN		J. ERICKSON					
Shop Foreman		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.				ENGINEER		J. ERICKSON					
Engineer						CHECKED							
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.		901805					
		DO NOT SCALE DRAWING				PROJECT		Coastal BioGeoChem					
						SIZE B		DWG. NO.			REV.		
						SCALE		1:12			CAD FILE: MECH ENG ON TORNADO		SHEET 3 OF 3