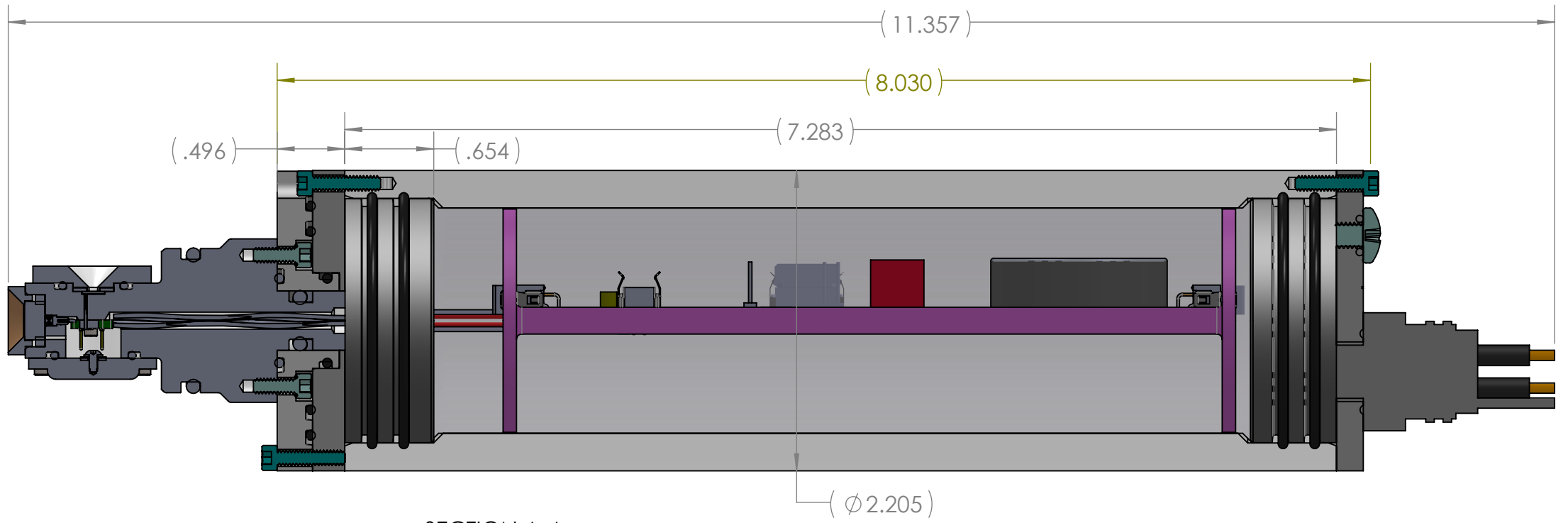
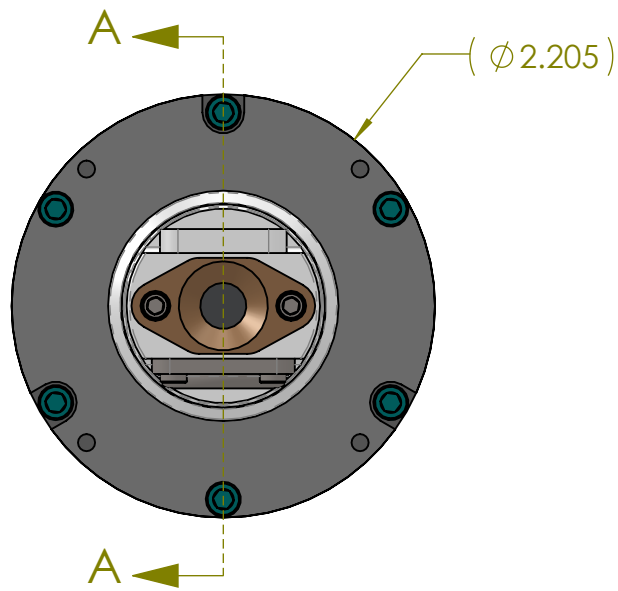
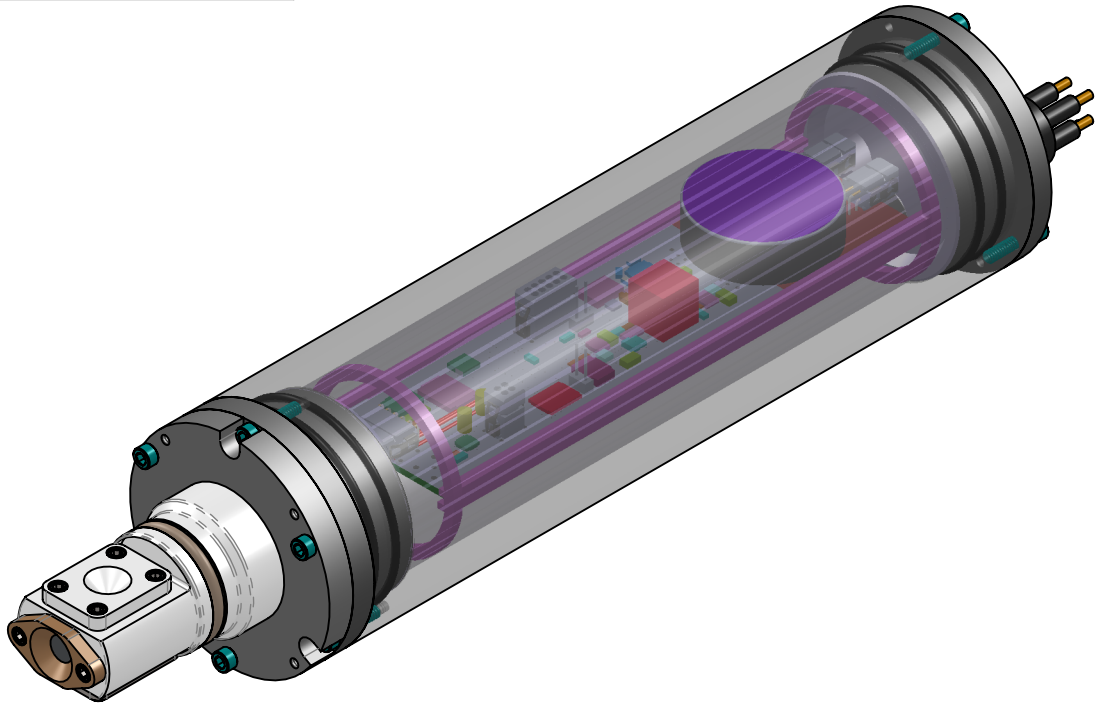


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REVISIONS		
INITIAL RELEASE	X/XX/01	J.E.



SECTION A-A
SCALE 1 : 1

SWD = 1000m.

Water Weight = -0.066228

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

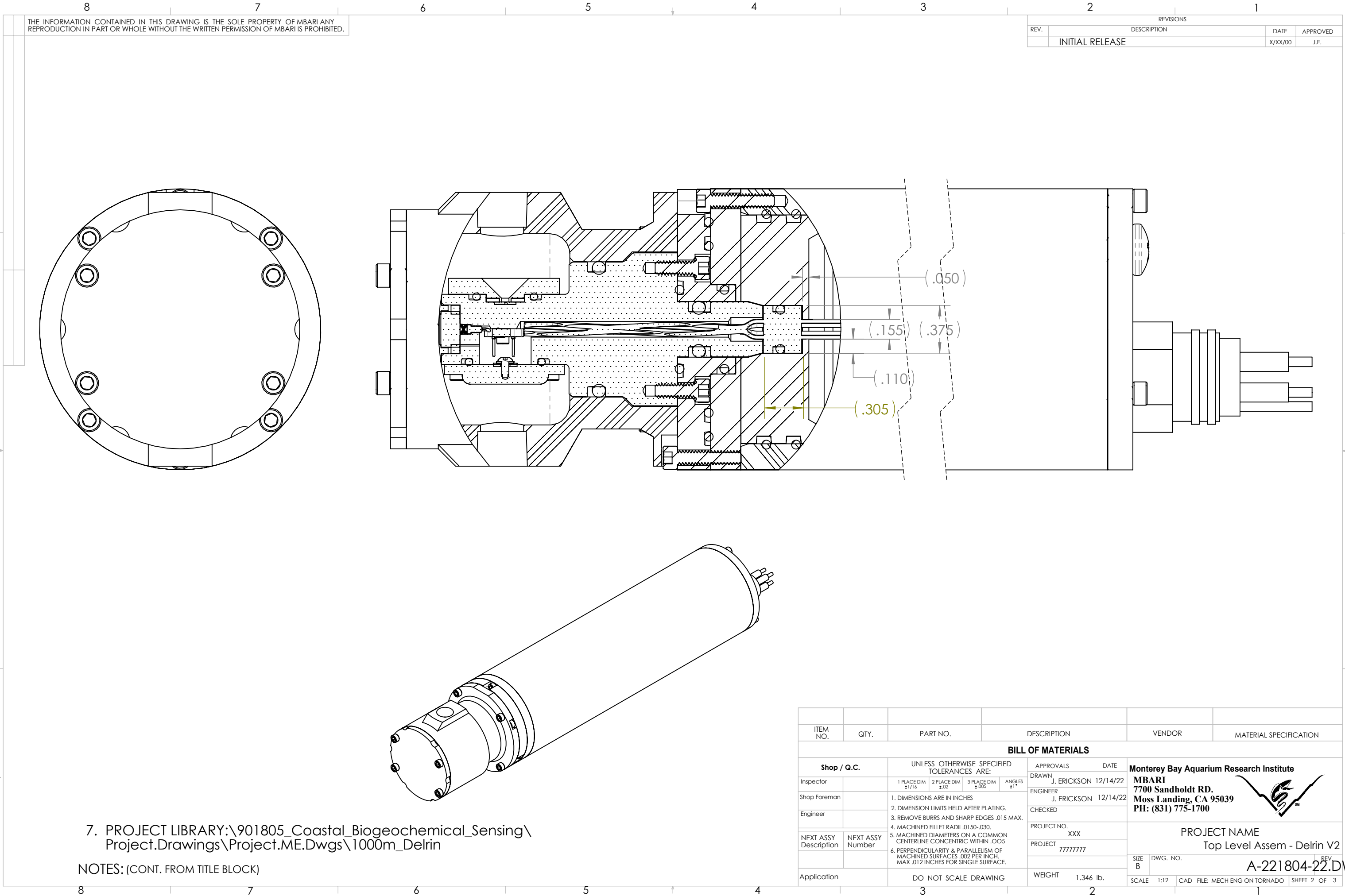
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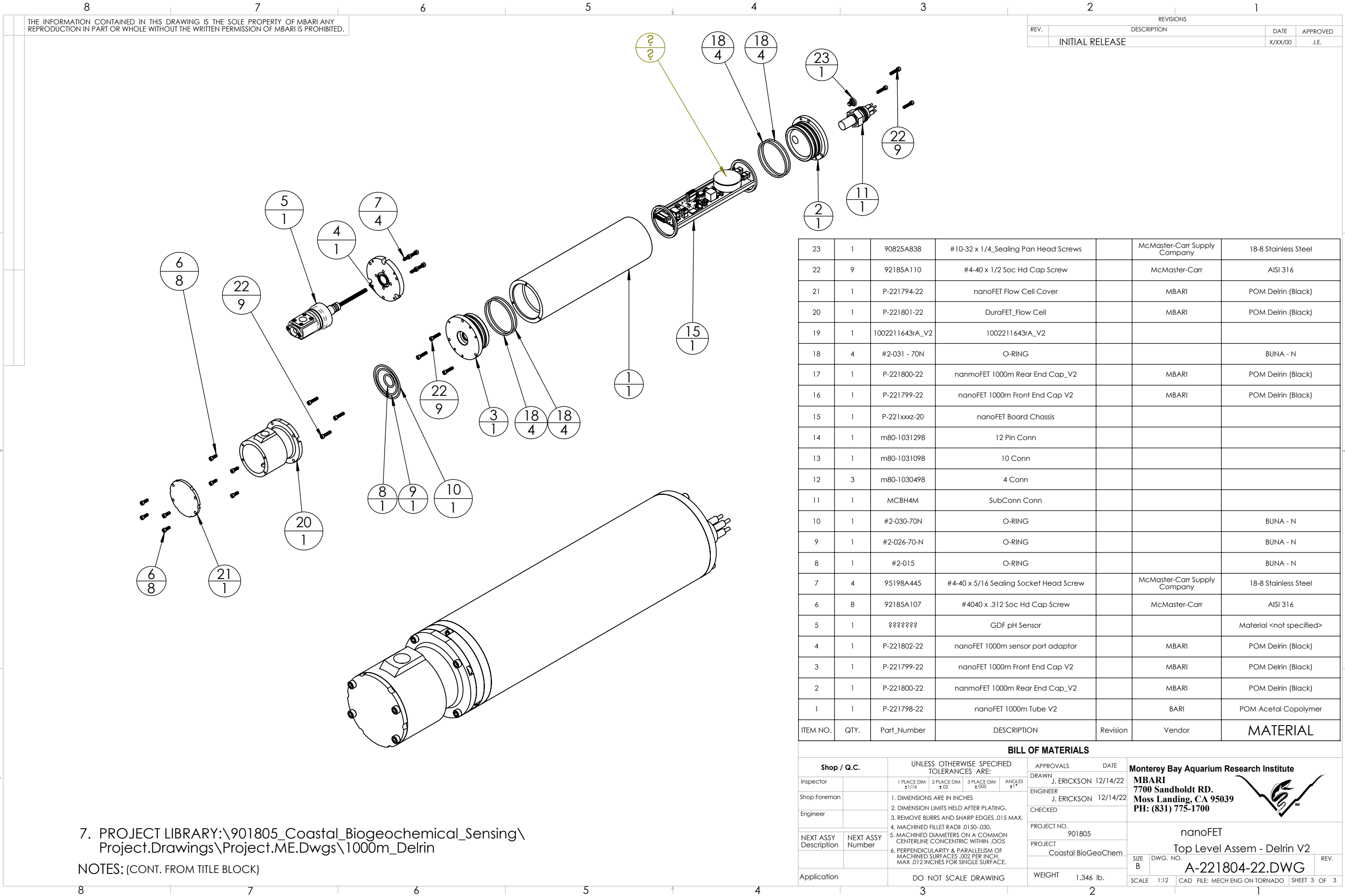
ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES		DRAWN J. ERICKSON 12/14/22	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON 12/14/22	
NEXT ASSY Description		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED	
NEXT ASSY Number		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. 901805	
Application		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT ZZZZZZZZ	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		WEIGHT 1.186	
		DO NOT SCALE DRAWING		SIZE B DWG. NO. A-221804-22.DWG	
				SCALE 1:4 CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 3	

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

PROJECT NAME
Top Level Assem - Delrin V2

REV.





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

23	1	90825A838	#10-32 x 1/4_Sealing Pan Head Screws		McMaster-Carr Supply Company	18-8 Stainless Steel
22	9	92185A110	#4-40 x 1/2 Soc Hd Cap Screw		McMaster-Carr	AISI 316
21	1	P-221794-22	nanoFET Flow Cell Cover		MBARI	POM Delrin (Black)
20	1	P-221801-22	DuraFET_Flow Cell		MBARI	POM Delrin (Black)
19	1	1002211643rA_V2	1002211643rA_V2			
18	4	#2-031 - 70N	O-RING			BUNA - N
17	1	P-221800-22	nanmoFET 1000m Rear End Cap_V2		MBARI	POM Delrin (Black)
16	1	P-221799-22	nanoFET 1000m Front End Cap V2		MBARI	POM Delrin (Black)
15	1	P-221xxxz-20	nanoFET Board Chassis			
14	1	m80-1031298	12 Pin Conn			
13	1	m80-1031098	10 Conn			
12	3	m80-1030498	4 Conn			
11	1	MCBH4M	SubConn Conn			
10	1	#2-030-70N	O-RING			BUNA - N
9	1	#2-026-70-N	O-RING			BUNA - N
8	1	#2-015	O-RING			BUNA - N
7	4	95198A445	#4-40 x 5/16 Sealing Socket Head Screw		McMaster-Carr Supply Company	18-8 Stainless Steel
6	8	92185A107	#4040 x .312 Soc Hd Cap Screw		McMaster-Carr	AISI 316
5	1	???????	GDF pH Sensor			Material <not specified>
4	1	P-221802-22	nanoFET 1000m sensor port adaptor		MBARI	POM Delrin (Black)
3	1	P-221799-22	nanoFET 1000m Front End Cap V2		MBARI	POM Delrin (Black)
2	1	P-221800-22	nanmoFET 1000m Rear End Cap_V2		MBARI	POM Delrin (Black)
1	1	P-221798-22	nanoFET 1000m Tube V2		BARI	POM Acetal Copolymer
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				
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	J. ERICKSON	12/14/22	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. 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	12/14/22					
Engineer						CHECKED							
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	901805		nanoFET				
						PROJECT	Coastal BioGeoChem		Top Level Assem - Delrin V2				
						SIZE B	DWG. NO.			REV.			
						A-221804-22.DWG							
Application		DO NOT SCALE DRAWING				WEIGHT	1.346 lb.	SCALE 1:12		CAD FILE: MECH ENG ON TORNADO	SHEET 3	OF 3	

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

NOTES: (CONT. FROM TITLE BLOCK)