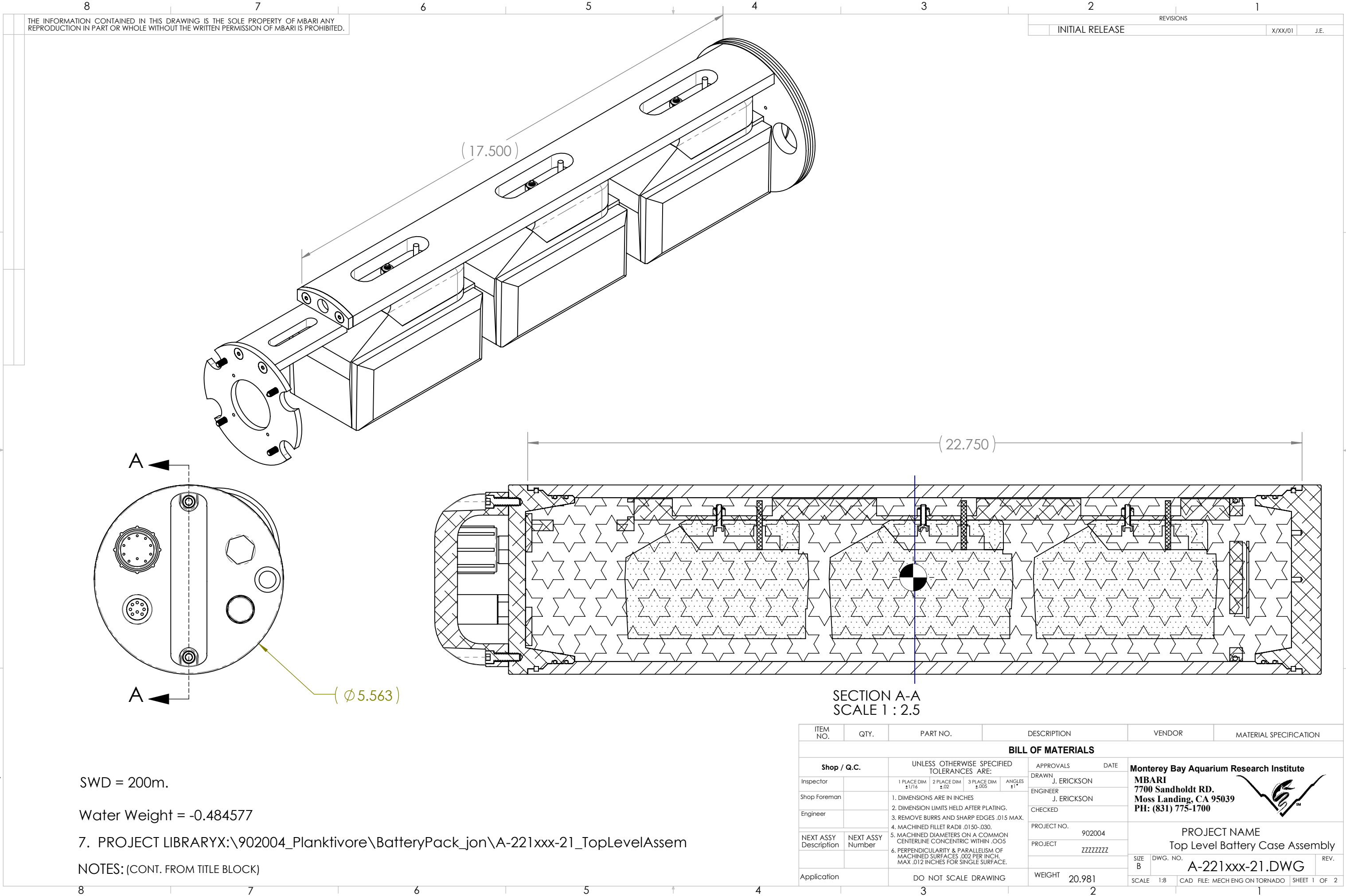
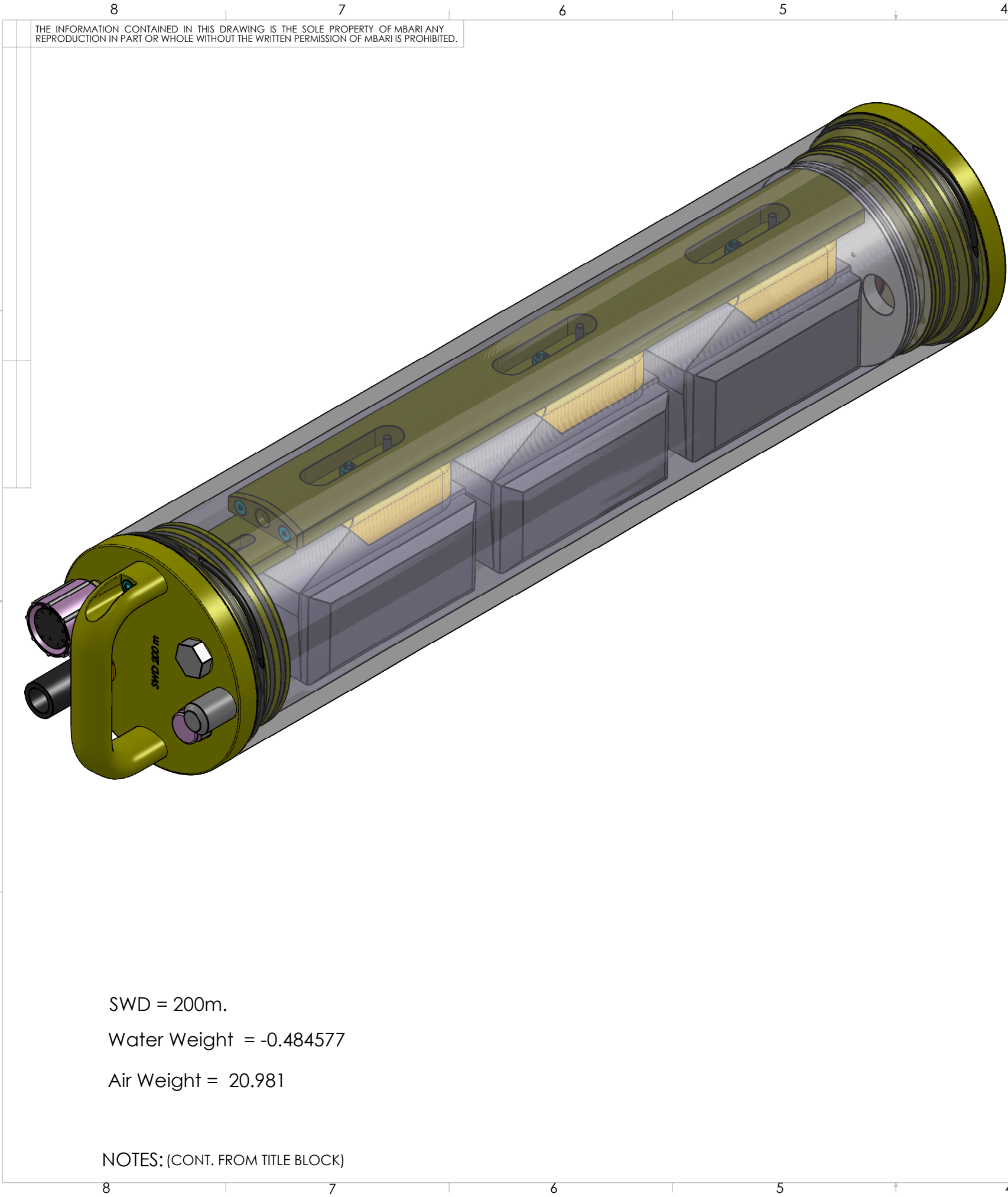






REVISIONS							
REV.	DESCRIPTION					DATE	APPROVED
	INITIAL RELEASE					X/XX/00	J.E.

28	1		Interior Air		0.016		Air
27	1	P-221xxx-22	Remote Batt. Pack Circuit Brd.		0.016	MBARI	
26	1	P-200605-08	Bulkhead Port Blank		0.043	MBARI	Titanium 6AL-4V
25	1	#2-xxx-70N	O-RING		0.0002		
24	1	MMC# 93025A961	1/4-20 Brass Stud x 1.00		0.015	McMaster-Carr	Brass
23	1	P-201030-11	Zinc Anode from Bar Stock	A	0.1018	MBARI	Zinc - 99.6%
22	3	8745K12	Chemical-Resistant PVC Rod		0.00	McMaster-Carr Supply Company	PVC Type 1 Plastic
21	1	#2-246-70N	O-RING		0.0080		Buna-N
20	2	92185A540	1/4-20 x 3/4 Soc Hd Cap		0.01	McMaster-Carr	AISI 316
19	1	5190A3	Oval Pull Handle		0.343	McMaster-Carr Supply Company	Aluminum
18	4	90585A228	#8-32 Soc Flat Hd Screw		0.004	McMaster-Carr	AISI 316
17	6	90585A229	#8-32 UNC-2A x 5/8 Flt Soc Hd Screw		0.004	McMaster-Carr	AISI 316
16	3	90715A009	316 Stainless Steel Nylon-Insert Locknut		0.005	McMaster-Carr Supply Company	316 Stainless Steel
15	3	92185A196	#8-32 UNC-2B x 5/8 Soc Hd Cap Screw		0.01	McMaster-Carr	AISI 316
14	1	P-221666-21	Chassis Rear Bumper		0.197	MBARI	ABS
13	1	P-221664-21	Chassis Mounting End Plate		0.153	MBARI	6061-T6 Alloy
12	1	P-221663-21	Chassis Shelf Part		0.143	MBARI	6061-T6 Alloy
11	3	DCB210	DCB210 Battery		2.323	DeWalt	
10	3		Eclarke _Adaptor		0.096		
9	1	P-221665-21	Chassis Strong Back		1.670	MBARI	6061-T6 Alloy
8	2	7889A44	Torpedo Lock, welding rod		0.004	McMaster-Carr	Polypropylene 1/8 x 5.875
7	4	#2-158-70N	O-RING		0.0046		
6	1	MCBH10M	Subconn Micro-10		0.060	Subconn	
5	1	MCBH-8F	8-Pin Bulkhead port Connector		0.034	Subconn	
4	1	701-00006	Pressure Relief Valve		0.038	DeepSea Power & Light	6AL-4V Titanium
3	1	P-221660-21	5in. End Cap		2.541	MBARI	6061-T6 Alloy
2	1	P-221660-21	5in. End Cap		1.943	MBARI	6061-T6 Alloy
1	1	P-221661-21	5 in Schd 80 PVC Pipe		6.270	MBARI	PVC Rigid

ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Weight	Vendor	MATERIAL
----------	------	-------------	-------------	----------	--------	--------	----------

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°	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. 902004	
						PROJECT PLANKTIVORE	
Application		DO NOT SCALE DRAWING				WEIGHT 20.981 lb.	

Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700							
				Remote Batt. Pack Top Level Battery Case Assembly			
SIZE B		DWG. NO.		A-221xxx-21.DWG		REV.	
SCALE 1:8	CAD	FILE: MECH ENG ON TORNADO	SHEET 2	OF 2			