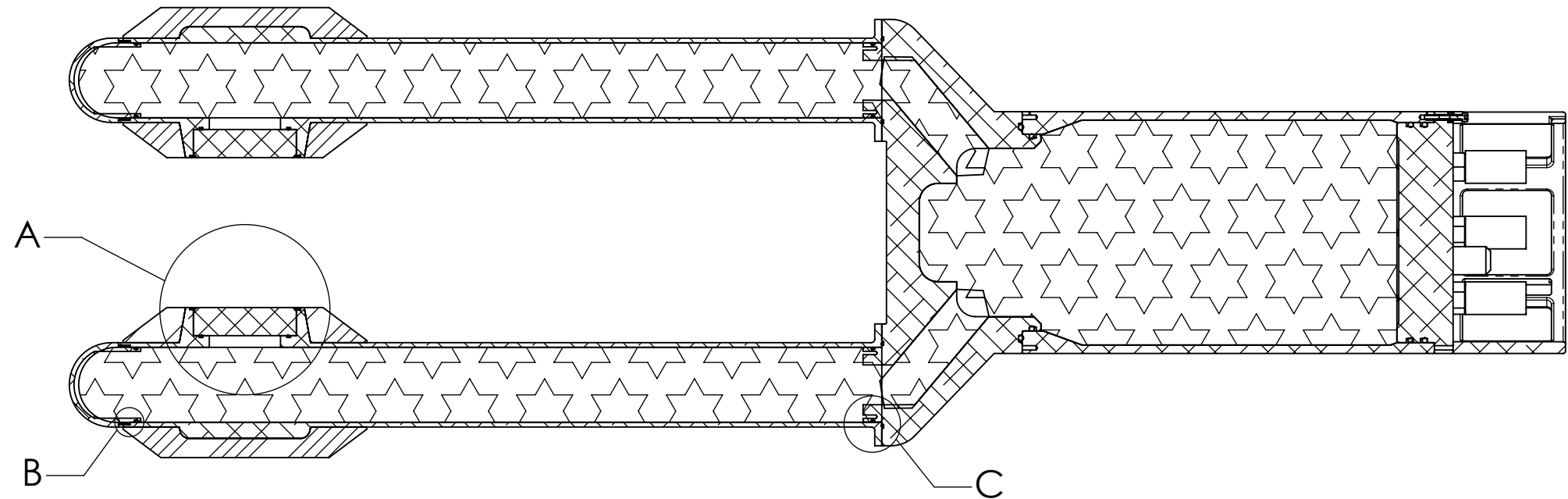
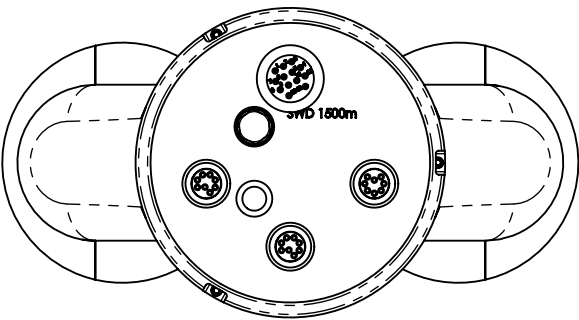
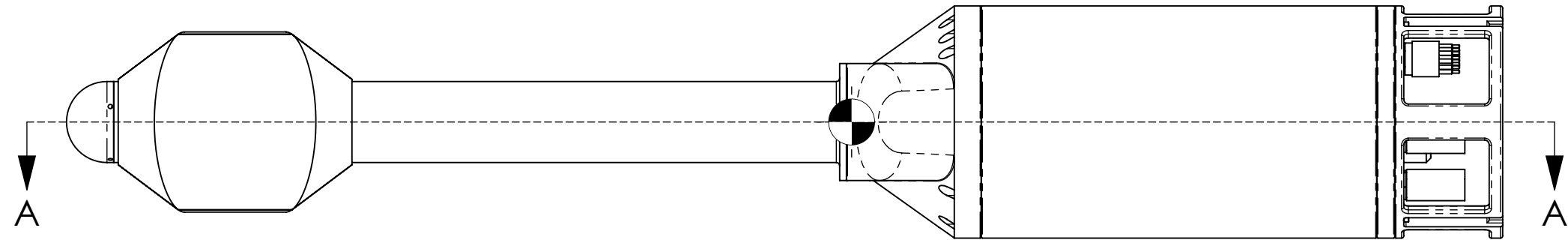


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REVISIONS		
INITIAL RELEASE	X/XX/01	J.E.



SECTION A-A
SCALE 1 : 4

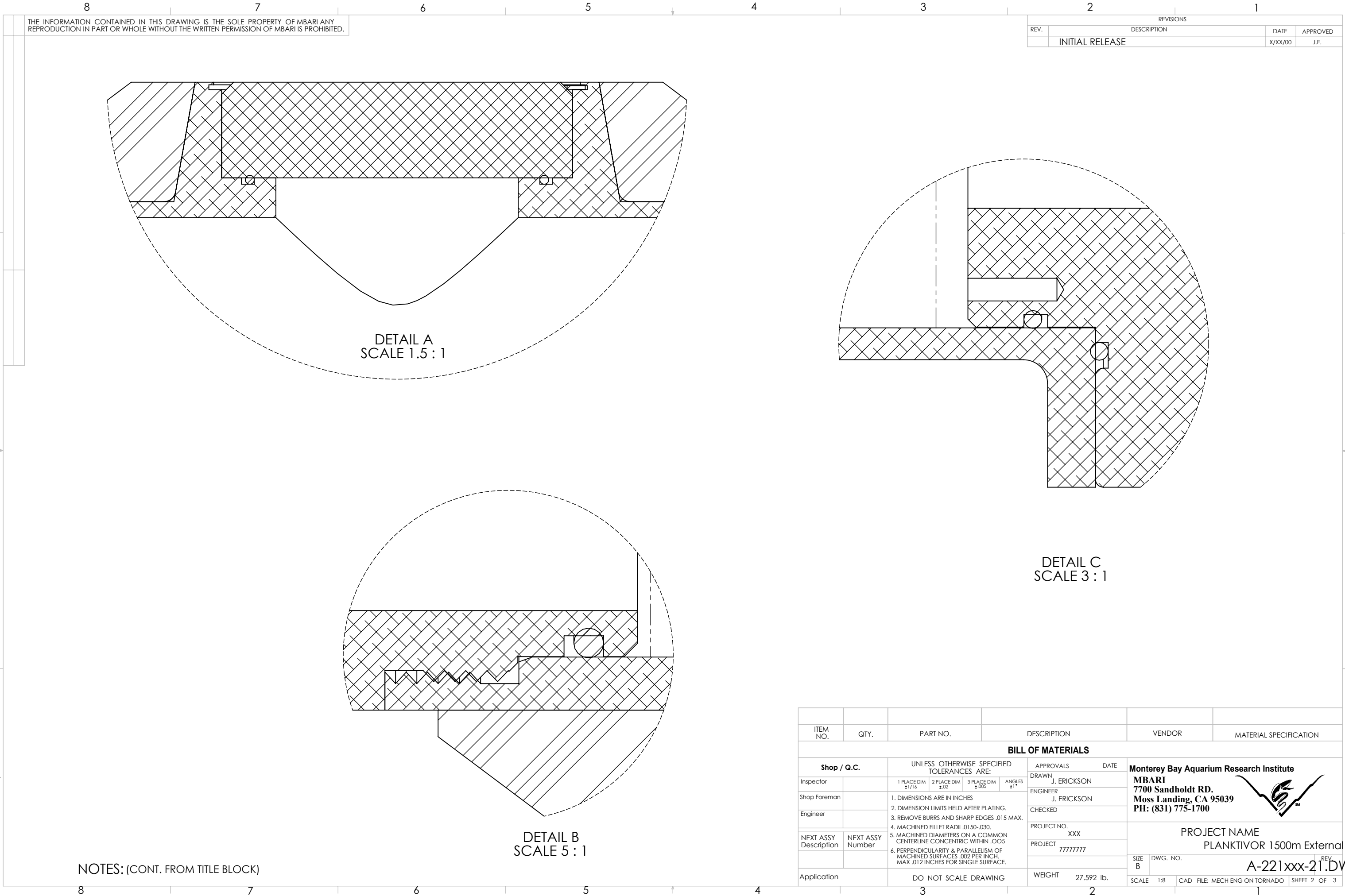
Water Weight = -0.720566

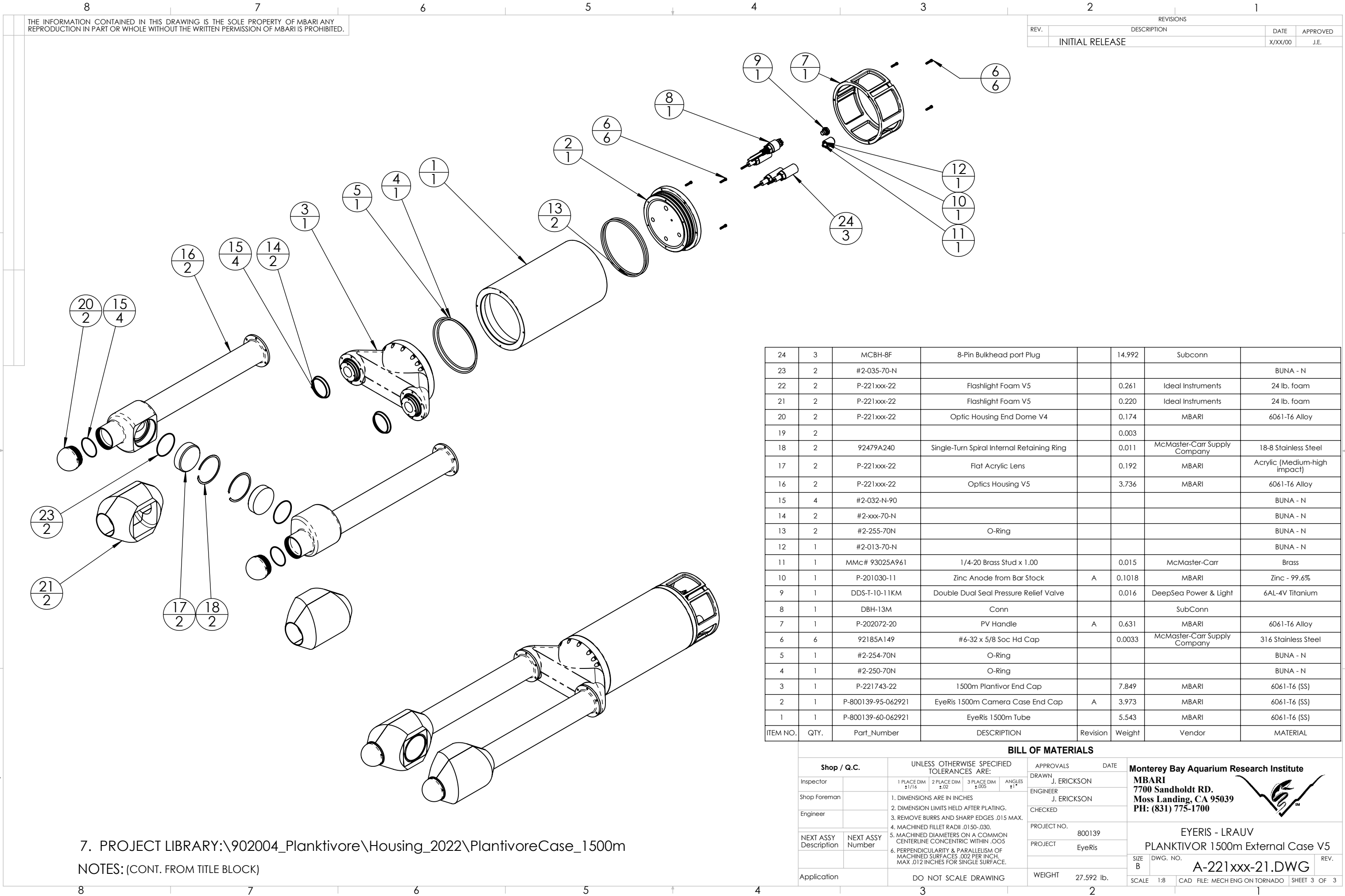
SWD = 1500m

7. PROJECT LIBRARY:\902004_Planktivore\Housing_2022\PlantivoreCase_1500m

NOTES: (CONT. FROM TITLE BLOCK)

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	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. 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	EyeRis - LRAUV CAMERA CASE PLANKTIVOR 1500m External Case V5	
						PROJECT	EyeRis		
Application		DO NOT SCALE DRAWING				WEIGHT	27.610	SIZE B	DWG. NO. A-221xxx-21.DWG
						SCALE	1:8	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 3





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

24	3	MCBH-8F	8-Pin Bulkhead port Plug		14.992	Subconn	
23	2	#2-035-70-N					BUNA - N
22	2	P-221xxx-22	Flashlight Foam V5		0.261	Ideal Instruments	24 lb. foam
21	2	P-221xxx-22	Flashlight Foam V5		0.220	Ideal Instruments	24 lb. foam
20	2	P-221xxx-22	Optic Housing End Dome V4		0.174	MBARI	6061-T6 Alloy
19	2				0.003		
18	2	92479A240	Single-Turn Spiral Internal Retaining Ring		0.011	McMaster-Carr Supply Company	18-8 Stainless Steel
17	2	P-221xxx-22	Flat Acrylic Lens		0.192	MBARI	Acrylic (Medium-high impact)
16	2	P-221xxx-22	Optics Housing V5		3.736	MBARI	6061-T6 Alloy
15	4	#2-032-N-90					BUNA - N
14	2	#2-xxx-70-N					BUNA - N
13	2	#2-255-70N	O-Ring				BUNA - N
12	1	#2-013-70-N					BUNA - N
11	1	MMc# 93025A961	1/4-20 Brass Stud x 1.00		0.015	McMaster-Carr	Brass
10	1	P-201030-11	Zinc Anode from Bar Stock	A	0.1018	MBARI	Zinc - 99.6%
9	1	DDS-T-10-11KM	Double Dual Seal Pressure Relief Valve		0.016	DeepSea Power & Light	6AL-4V Titanium
8	1	DBH-13M	Conn			SubConn	
7	1	P-202072-20	PV Handle	A	0.631	MBARI	6061-T6 Alloy
6	6	92185A149	#6-32 x 5/8 Soc Hd Cap		0.0033	McMaster-Carr Supply Company	316 Stainless Steel
5	1	#2-254-70N	O-Ring				BUNA - N
4	1	#2-250-70N	O-Ring				BUNA - N
3	1	P-221743-22	1500m Plantivor End Cap		7.849	MBARI	6061-T6 (SS)
2	1	P-800139-95-062921	EyeRis 1500m Camera Case End Cap	A	3.973	MBARI	6061-T6 (SS)
1	1	P-800139-60-062921	EyeRis 1500m Tube		5.543	MBARI	6061-T6 (SS)
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Weight	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 EYERIS - LRAUV PLANKTIVOR 1500m External Case V5			
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.	800139	SIZE B DWG. NO. A-221xxx-21.DWG REV.			
						PROJECT	EyeRis				
Application		DO NOT SCALE DRAWING				WEIGHT	27.592 lb.	SCALE 1:8	CAD FILE: MECH ENG ON TORNADO	SHEET 3 OF 3	

7. PROJECT LIBRARY:\902004_Planktivore\Housing_2022\PlantivoreCase_1500m
NOTES: (CONT. FROM TITLE BLOCK)