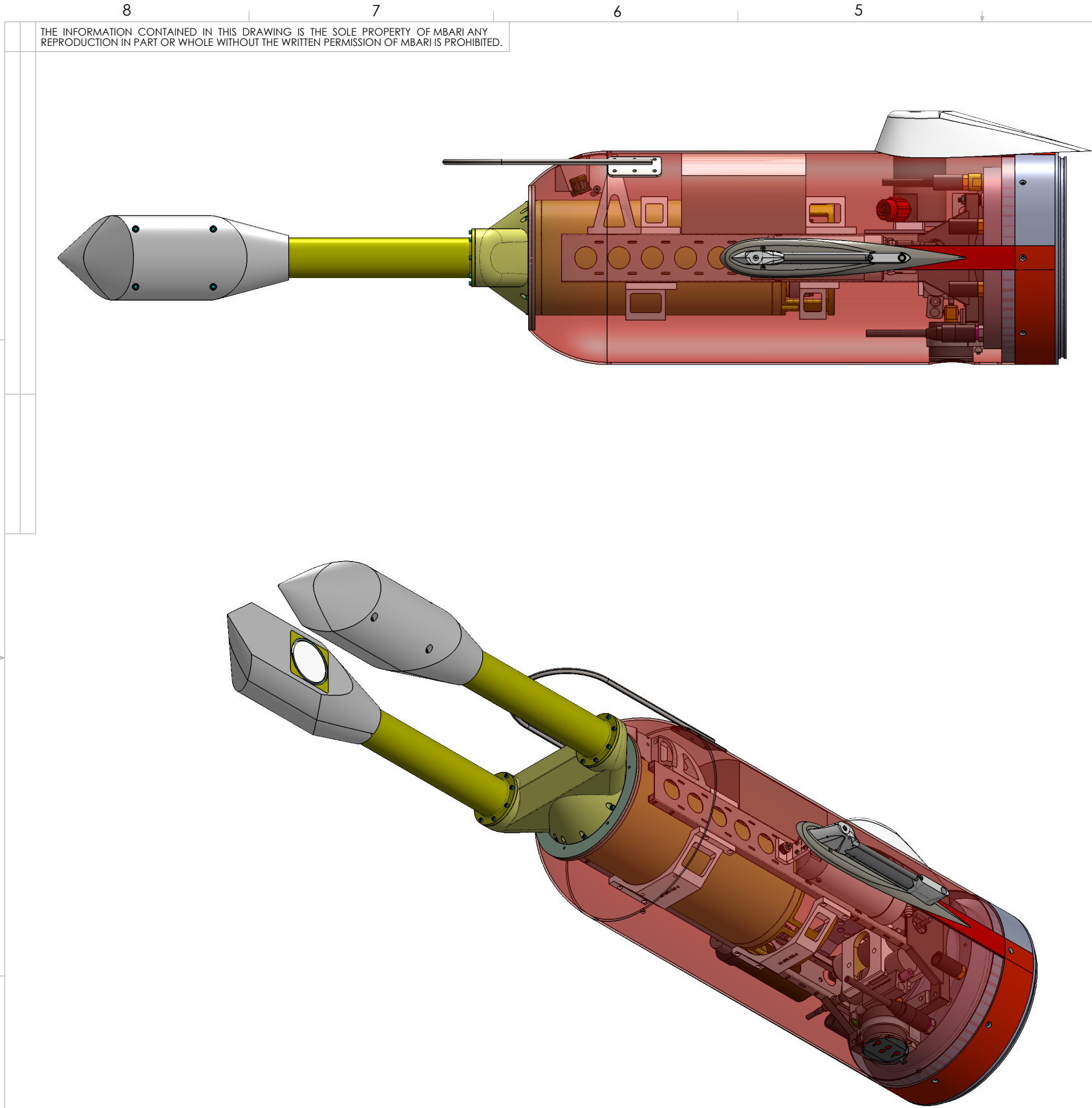




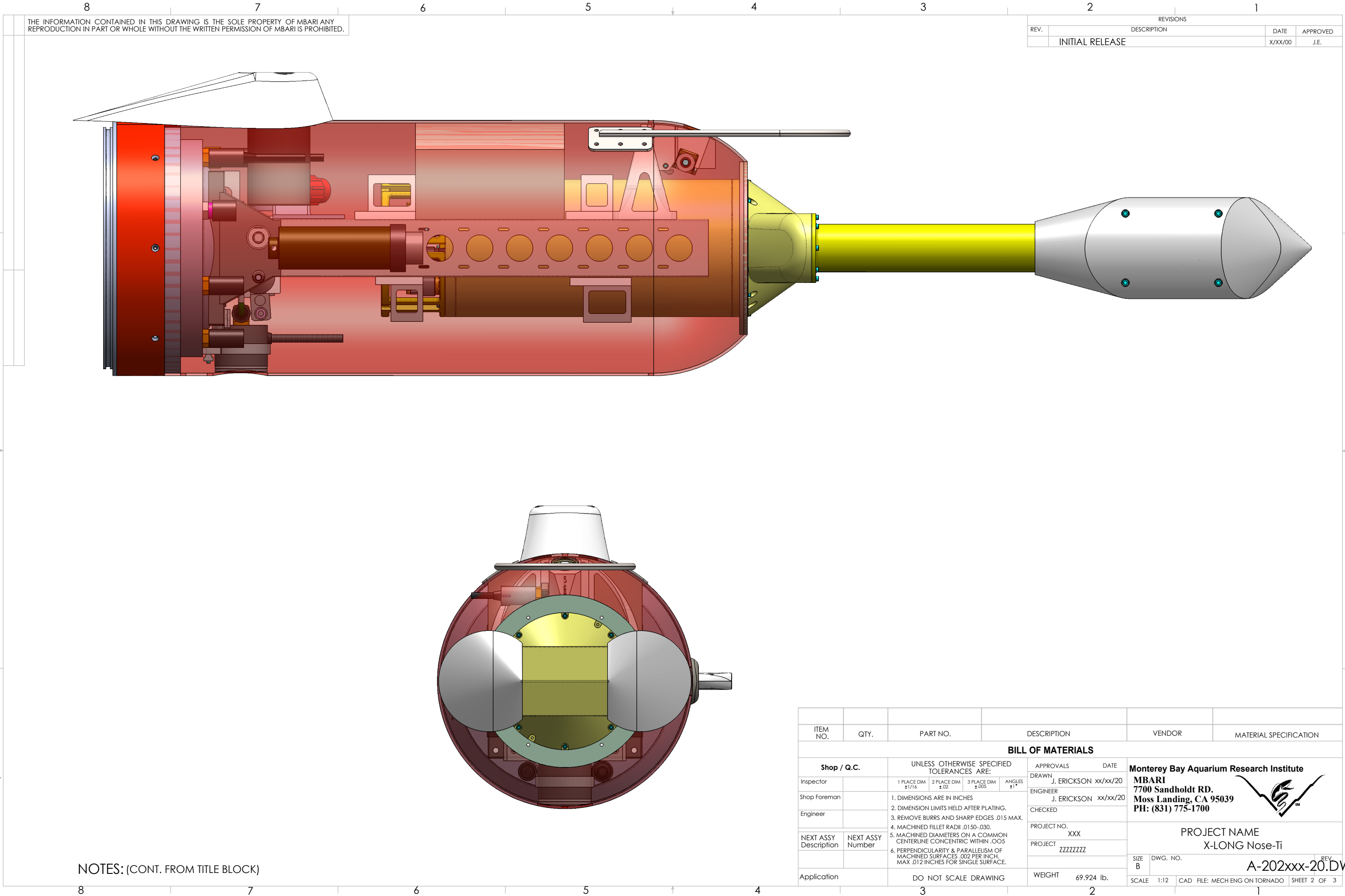
7. PROJECT LIBRARY:\X:\902004_Planktivore\Housing_2022\LRAUV_NoseAssem

NOTES: (CONT. FROM TITLE BLOCK)

29	1	P-221595-21	EyeRis Nose Frame Foam		Engineered Syntactic Systems	24 lb Foam
28	1	A-202017-18	DAT Flow Shell Slot Cover		MBARI	
27	1	A-201814-16	PayLoad Nose Shell CTD Slot Cover		Waterat	
26	1	A-201951-17		B	Waterat	
25	1	A-800139-77-061620	Mounted Strobe Full Model		MBARI	
24	1	A-221xxx-20	EyeRis Combined Camera Housing 300m		MBARI	
23	2	P-221569-21	EyeRis Case Mount Bracket		MBARI	ABS
22	2	P-221568-21	EyeRis LRAUV Compass Bracket		MBARI	ABS
21	1	A-200887-17		A	MBARI	
20	1	A-201667-14	DAT Xducer Foam Assem_V2		MBARI	
19	1	ULB-350/37	Pinger Xducer		RJE Int.	
18	1	A-201xxx-16	SeaBird-PayLoad Assembly			
17	1		SBE43-DO_PumpAssembly			
16	1	ECO-MB@-220604	Eco Puck Fluorometer Assembly		WET Labs	
15	1	A-200756-19	Puck Clamp Assembly		MBARI	
14	2	94805A029	1/4-20 Jam Nut		McMASTER-CARR	316 Stainless Steel
13	2		1/4 Flat Washer		McMaster-Carr	Titanium Gr2
12	1	A-202xxx-19	X-Long PatLoad Frame - EyeRis		MBARI	Material <not specified>
11	2	PCC_C21-003	Bellville spring washer		Product Component Parts	DELFIN
10	1	C27460	Nylon Shoulder Bushing		Product Components Corp.	Nylon 6/10
9	1	90575A550	Thread Stud		McMaster-Carr	316 SS
8	1	P-201326-12	Chassis Tie Rod End Fix	-	MBARI	Titanium 6AL-4V
7	1	P-201471-12	Chassis Rod End		MBARI	6061-T6 Alum.
6	1	MCIL12-M	Subconn 12 Pin Plug		SubConn	
5	1	P-201705-18	ISUS_Probe_BulkHd 7/16-20 port		MBARI	6061-T6 Alloy
4	1	P-200626-08	PressHull_EndDome_FWD	G	MBARI	6061-T6 Alloy
3	2	MCBH12F	Subconn Micro-12		Subconn	
2	6	MCBH-8F	8-Pin Bulkhead port Connector		Subconn	
1	2		MALE 8 PIN 316 20KFSW W-BLOCK			
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 TETHYS - LRAUV X-LONG Nose-Ti			
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN J. ERICKSON	xx/xx/20				
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	xx/xx/20				
Engineer						CHECKED					
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	900739	SIZE B			
						PROJECT	LRAUV				
						WEIGHT	69.924	SCALE 1:12			
Application		DO NOT SCALE DRAWING				CAD FILE: MECH ENG ON TORNADO				SHEET 1 OF 3	



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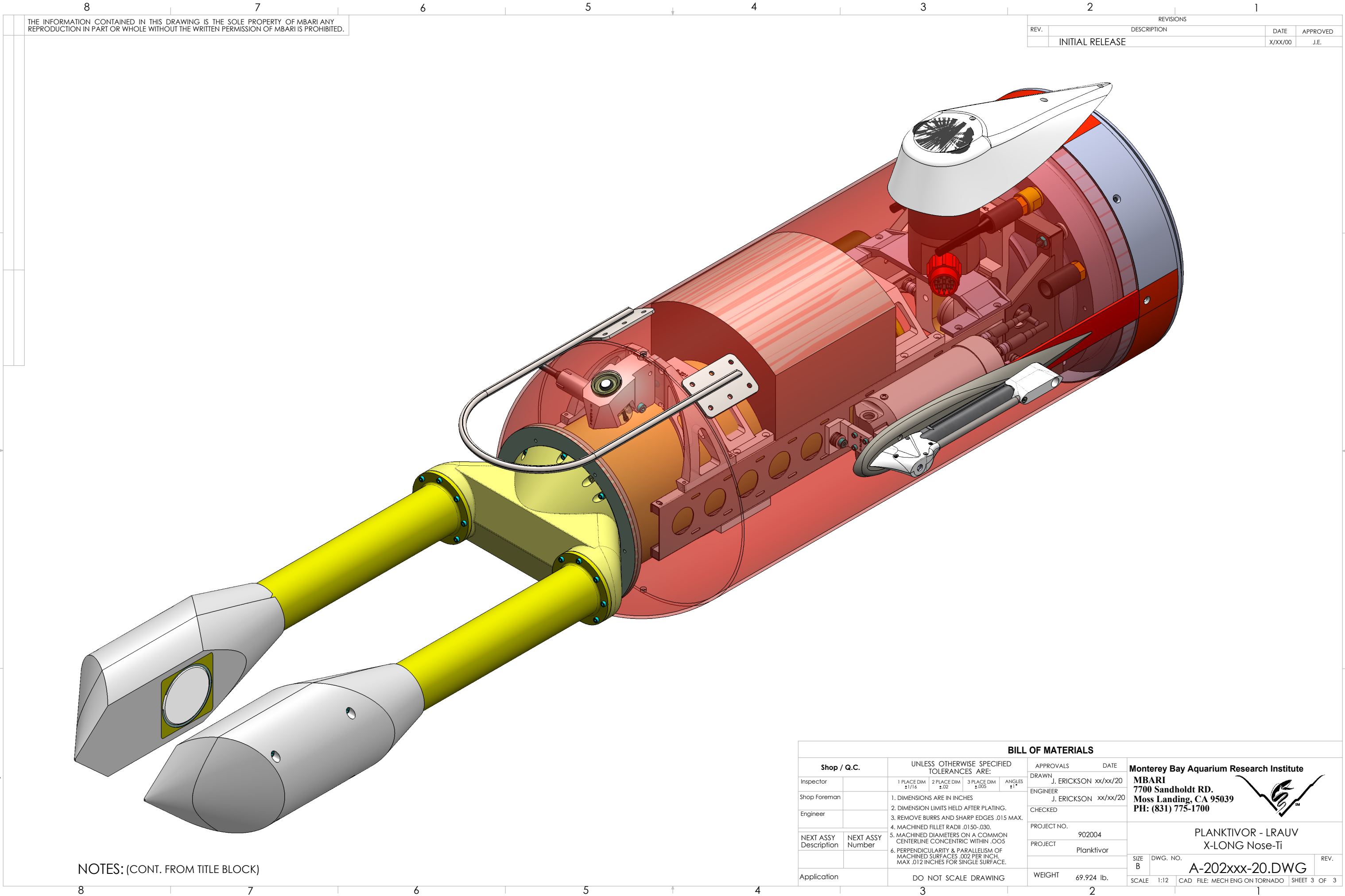
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

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	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN J. ERICKSON xx/xx/20
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER J. ERICKSON xx/xx/20
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO. XXX
		4. MACHINED FILLET RADII .0150-.030.				PROJECT ZZZZZZZZ
		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.				
Application		DO NOT SCALE DRAWING		WEIGHT	69.924 lb.	
				SIZE B	DWG. NO. A-202xxx-20.DWG	
				SCALE 1:12	CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 3	

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





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

NOTES: (CONT. FROM TITLE BLOCK)

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 PLANKTIVOR - LRAUV X-LONG Nose-Ti	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	J. ERICKSON xx/xx/20		
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 xx/xx/20		
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	902004	SIZE B	
						PROJECT	Planktivor		
Application		DO NOT SCALE DRAWING				WEIGHT	69.924 lb.	SCALE	1:12
								CAD	FILE: MECH ENG ON TORNADO
								SHEET	3 OF 3