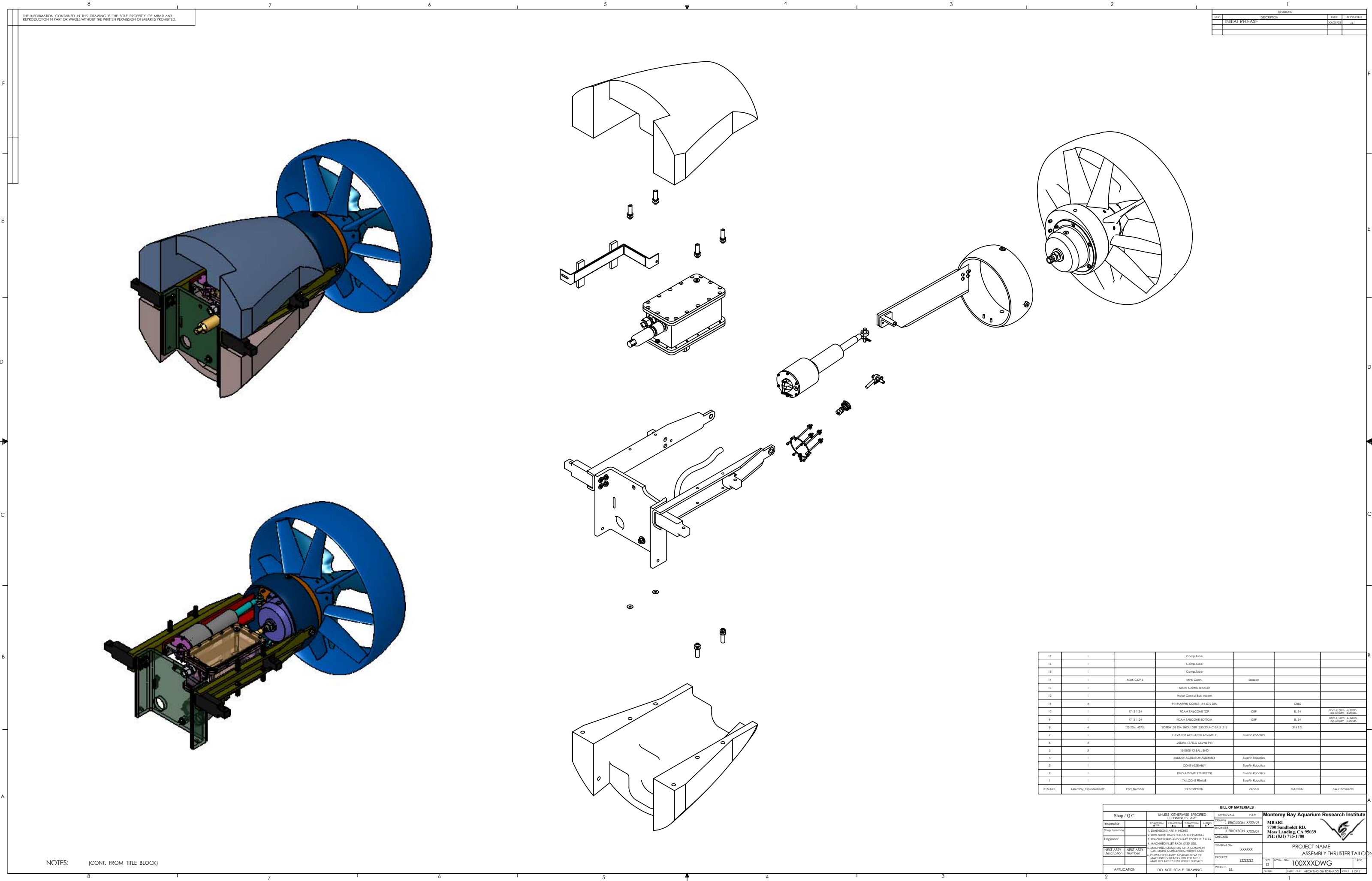




THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
1	INITIAL RELEASE	XXXX/01	J.E.

17	1		Comp.Tube			
16	1		Comp.Tube			
15	1		Comp.Tube			
14	1	MMK-CCFL	MMK Conn.	Seacon		
13	1		Motor Control Bracket			
12	1		Motor Control Box/Assem			
11	4		PMW HARPPI COTTON .84 .072 DIA		CRS	
10	1	17-3-1-24	FOAM TAILCONE TOP	CRP	BL-34	BOIT #100IN 4.328IN Top #100IN 8.258IN
9	1	17-3-1-24	FOAM TAILCONE BOTTOM	CRP	BL-34	BOIT #100IN 4.328IN Top #100IN 8.258IN
8	4	25-20 x .4375L	SCREW .38 DIA SHOULDER .250-20UNC-2A X .31L		BL6 S.S.	
7	1		ELEVATOR ACTUATOR ASSEMBLY	Bluefin Robotics		
6	4		.25DIA/.375LG CLEVIS PIN			
5	3		15-0805-12 BALL END			
4	1		RUDER ACTUATOR ASSEMBLY	Bluefin Robotics		
3	1		CONC ASSEMBLY	Bluefin Robotics		
2	1		RNG ASSEMBLY THRUSTER	Bluefin Robotics		
1	1		TAILCONE FRAME	Bluefin Robotics		
ITEM NO.	Assembly/Exploded/DET.	Part Number	DESCRIPTION	Vendor	MATERIAL	SW Comments

BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS		DATE		
Inspector		1 PLACE DIM .001	2 PLACE DIM .002	3 PLACE DIM .005	DRAWN	ERICKSON	XXXX/01	Monterey Bay Aquarium Research Institute	
Shop Foreman		1. DIMENSIONS ARE IN INCHES	2. DIMENSIONS UNLESS NOTED AFTER PLATING	3. REMOVE BURRS AND SHARP EDGES .015 MAX	ENGINEER	ERICKSON	XXXX/01	MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
Engineer		4. MACHINED FILLER RADII .0150-.030	5. MACHINED DIAMETERS ON A CIRCUMFERENCE CONCENTRIC WITHIN .005	6. HYPHENED SURFACES & PARALLELISM OF MACHINED SURFACES .005 PER INCH MAX .010 INCHES FOR SINGLE SURFACES	CHECKED			PROJECT NAME ASSEMBLY THRUSTER TAILCONE	
NEXT ASST Description	NEXT ASST Number	PROJECT NO. XXXXXX			PROJECT	XXXXXX	DATE	SIZE	REV.
APPLICATION		DO NOT SCALE DRAWING			WEIGHT	LB.	SCALE	100XXXDWG	1
					CADD FILE: MECH-ENG ON TORNADO		SHEET 1 OF 1		

NOTES: (CONT. FROM TITLE BLOCK)