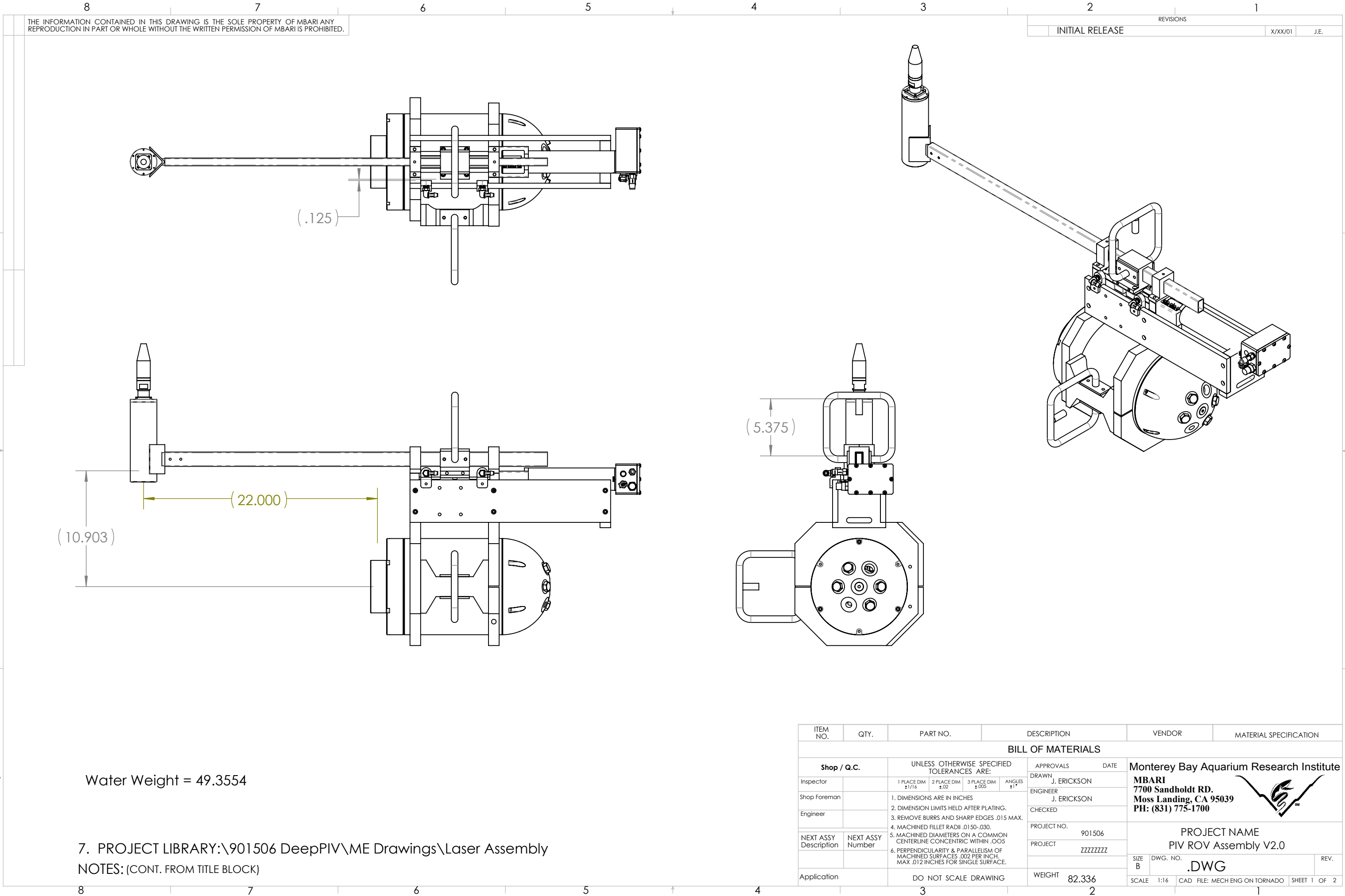
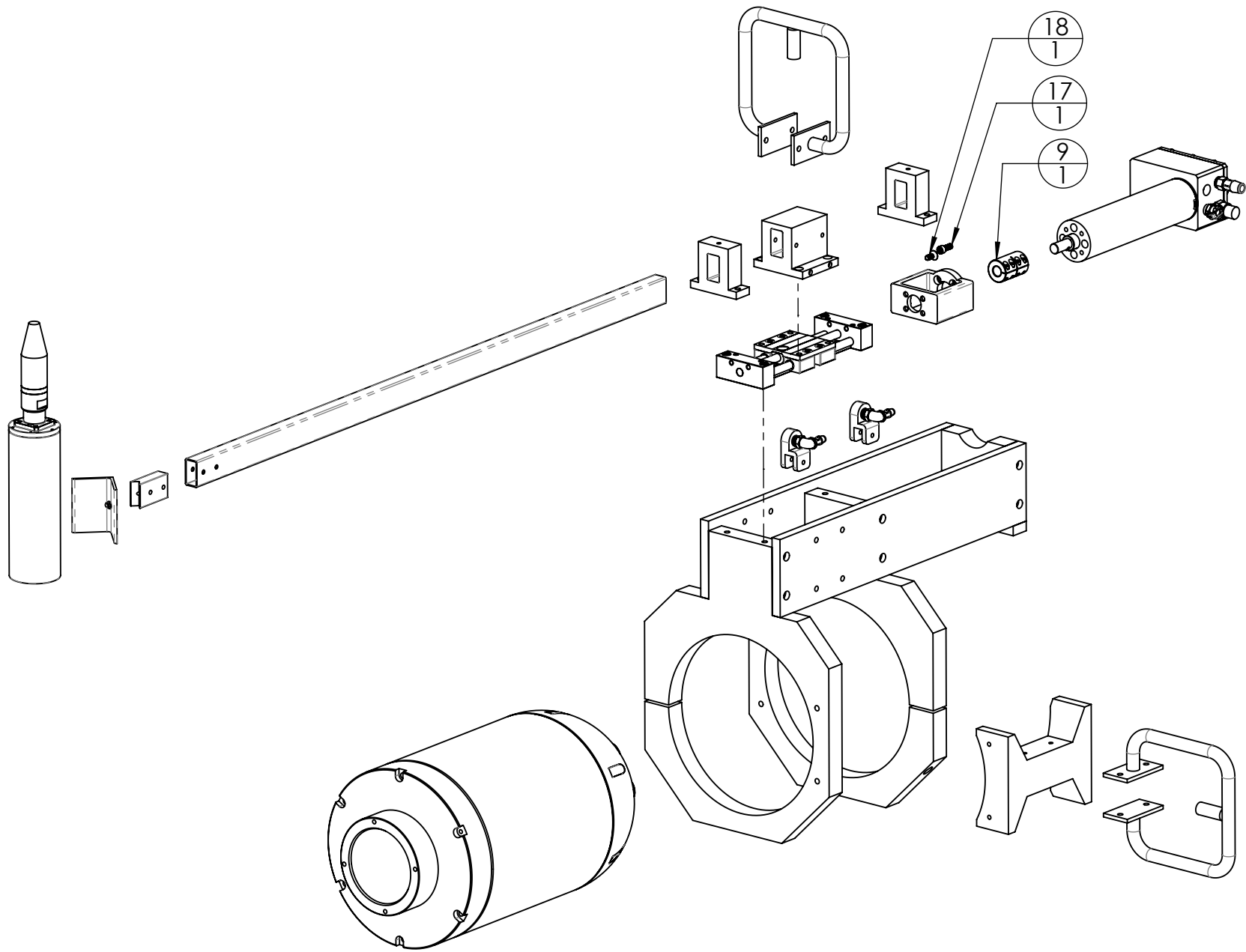




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.



20	1	P-201823-16	Alternate Handle Mount		MBARI	POM Delrin (Black)
19	2	P-201xxx-16	Fiber Tube Guide Block		MBARI	PE UHMW
18	1	93395A356	M6-1.0 x 14mm Flt Hd Sckt screw		McMaster-Carr	Material <not specified>
17	1		1/4-20 x 5/8 Soc Hd Cap		McMaster-Carr	AISI 316
16	2	5463K501	3/8 Tube to 1/4-18 NPT	A.01	McMaster-Carr	
15	2	P-201810-16	HALL Sensor Holder		MBARI	POM Delrin (Black)
14	2	P-201807-16	Bail "D" Handle for PIV		MBARI	AISI 316
13	1	P-201806-16	T Handle Support Plate		MBARI	PE UHMW
12	2	P-201805-16	Side Mounting Plates		MBARI	PE UHMW
11	1	P-201801-16	Fiber Tube Mount Block		MBARI	POM Delrin (Black)
10	1			A.03		
9	1	61005K644	Motor Shaft Coupling (.5 x .375)		McMaster-Carr	AISI 303 Annealed
8	1	P-201804-16	Ball Screw / Motor Adaptor		MBARI	ABS
7	1					
6	2	P-201803-16	Camera Plate Bracket		MBARI	PE UHMW
5	1	P-201800-16	Remote Head Angle Saddle		MBARI901506	6061-T6 Alloy
4	1	P-201799-16	Saddle Stub		MBARI	6061-T6 Alloy
3	1	25502	Rect. Tube		Rock West Composites	Generic Carbon Epoxy
2	1	A-201785-16	Remote Laser Head Assembly		MBARI	
1	1					
ITEM NO.	Print/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		 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.	XXX								
		PROJECT	ZZZZZZZZ		PROJECT NAME PIV ROV Assembly V2.0										
Application		DO NOT SCALE DRAWING				WEIGHT		82.336 lb.		SIZE B	DWG. NO.		.DWG		REV.
										SCALE	1:16	CAD FILE: MECH ENG ON TORNADO		SHEET 2 OF 2	

7. PROJECT LIBRARY:\901506 DeepPIV\ME Drawings\Laser Assembly

NOTES: (CONT. FROM TITLE BLOCK)