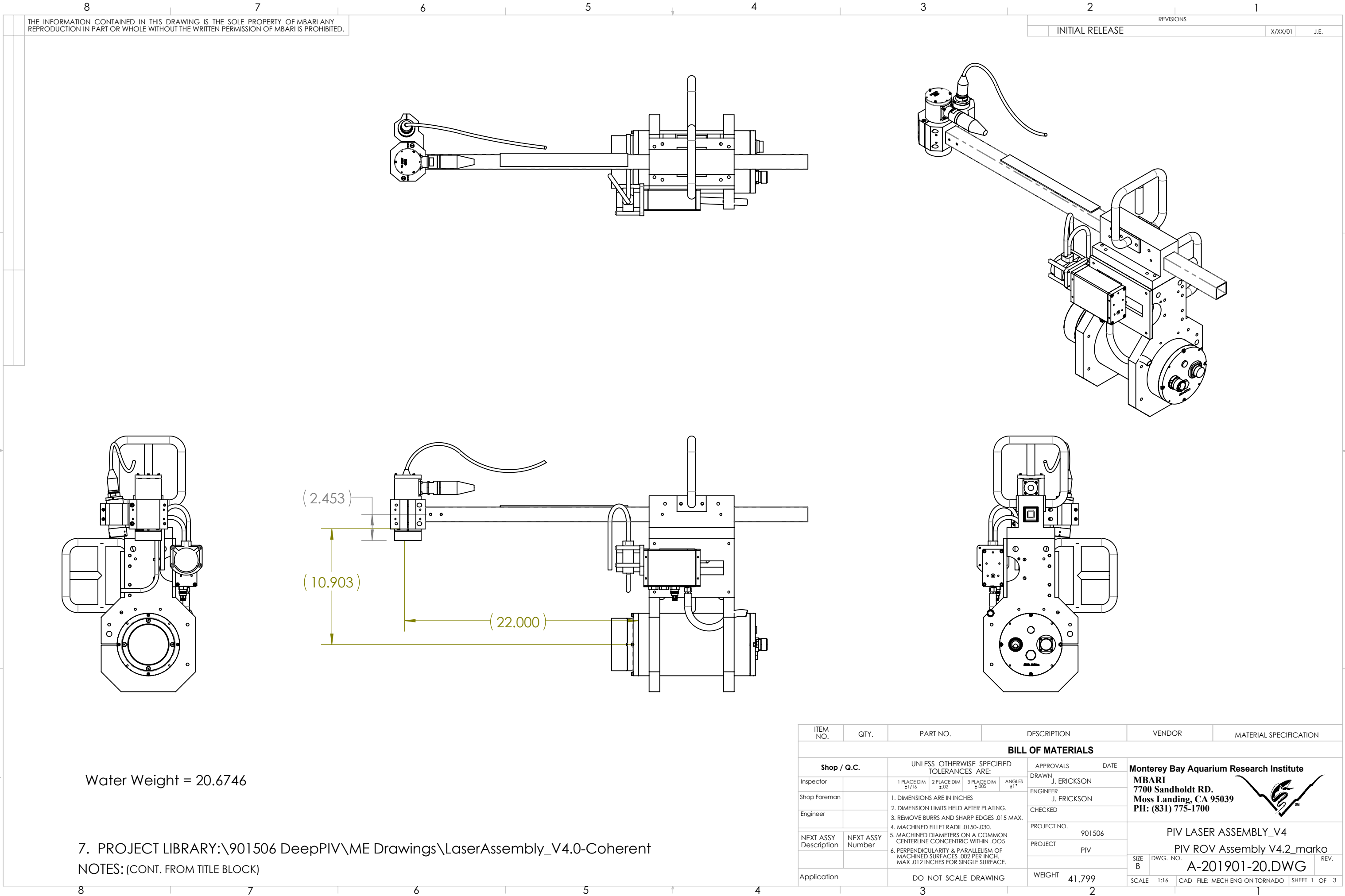
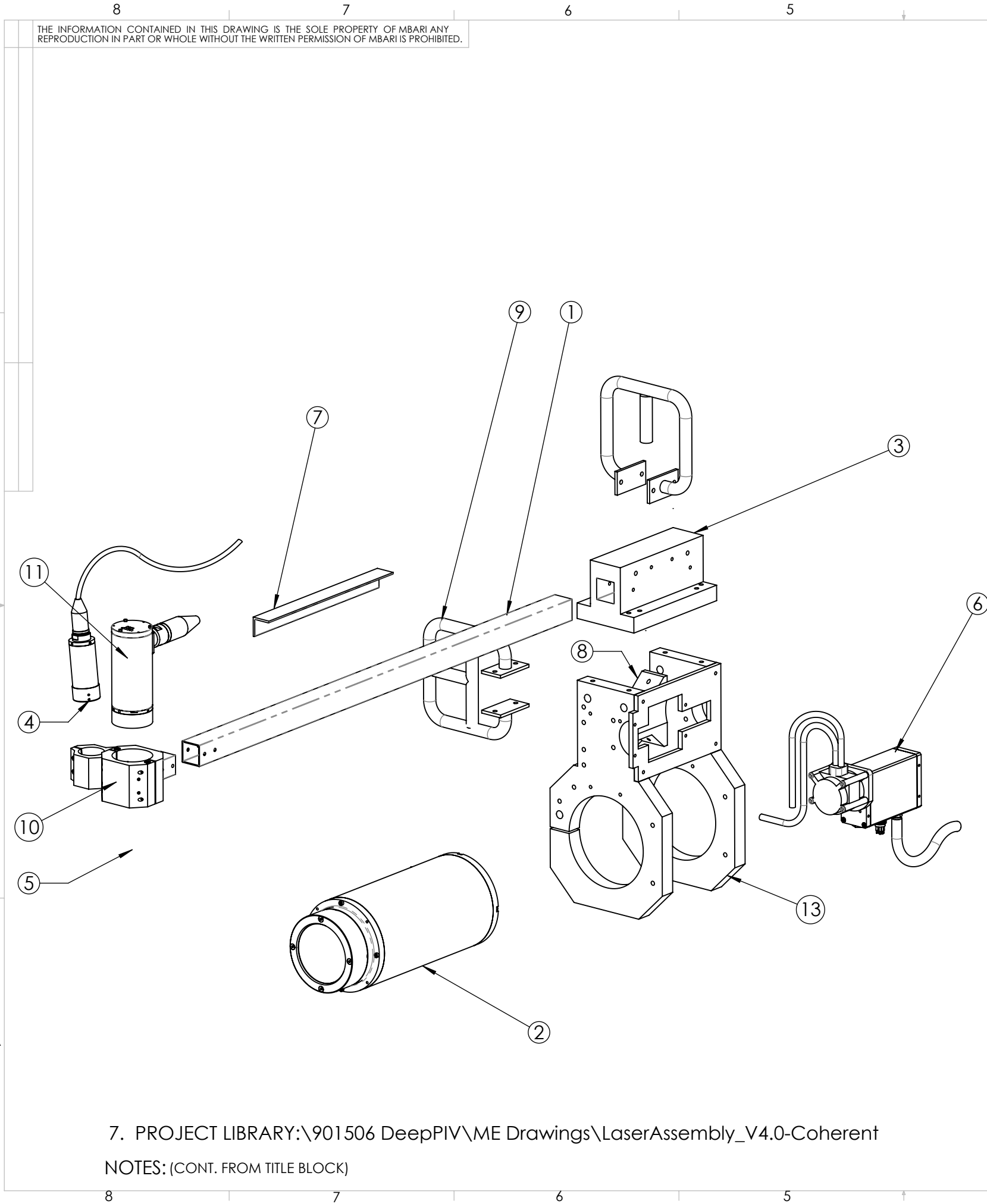
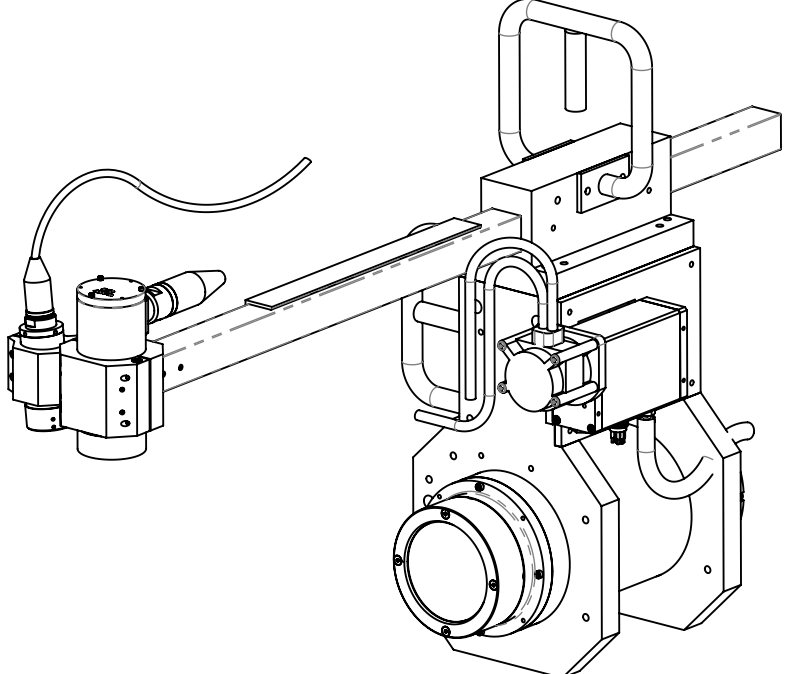






REVISIONS				
REV.	DESCRIPTION		DATE	APPROVED
	INITIAL RELEASE		X/XX/00	J.E.



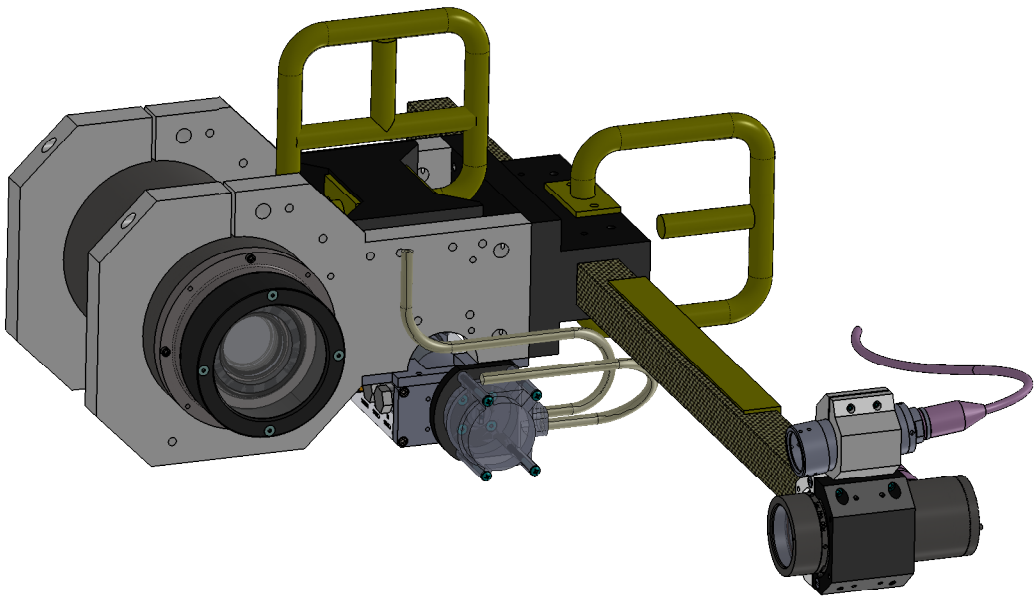
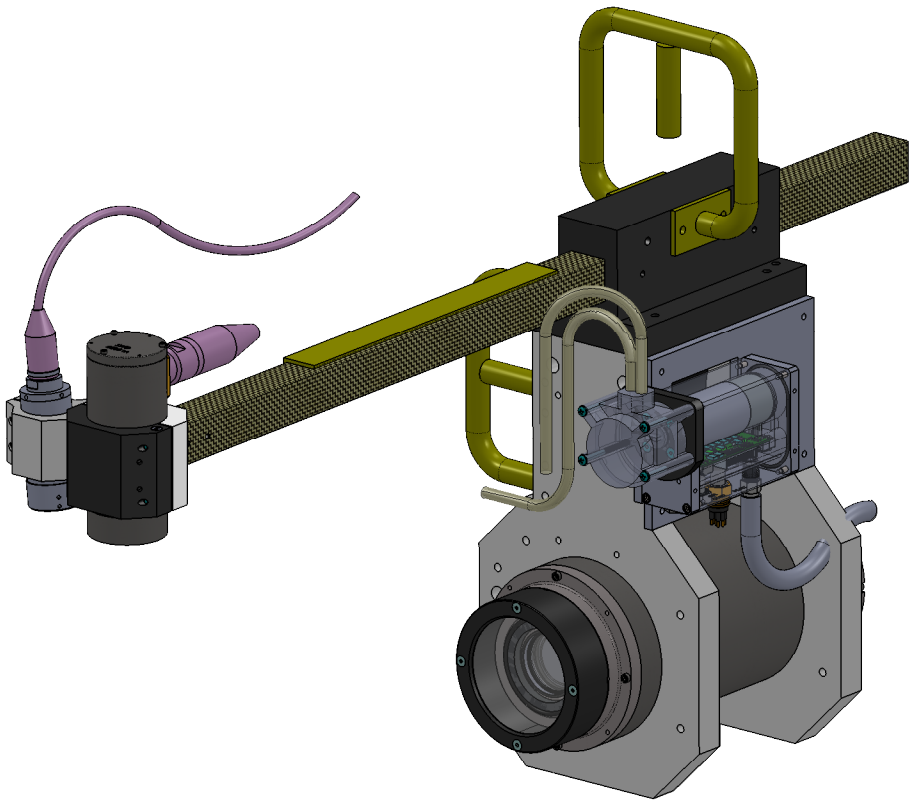
14	1					
13	2	P-201803-19	Camera Plate Bracket V2		MBARI	PE UHMW (BLACK)
12	1	P-201807-16	Bail "D" Handle for PIV		MBARI	6061-T6 Alloy
11	1	A-201785-20	Remote Laser Head Assembly V8		MBARI	
10	1	A-202xxx-19	Remote Head Clamp Assembly V7		MBARI	
9	1	P-201807-16	Bail "D" Handle for PIV		MBARI	6061-T6 Alloy
8	1	P-201823-17	Alternate Handle Mount V2	A	MBARI	POM Delrin (Black)
7	1	P-xxxx-18	Angle Bracket Damper		MBARI	6061-T6 Alloy
6	1	A-221xxx-20	New Peristaltic Pump Assembly			
5	1	A-201xxx-18	Safety Cap - Remote Head		MBARI	
4	1	????????	InSite Pacific BW Camera			
3	1	P-201801-17	Fiber Tube Mount Block		MBARI	POM Delrin (Black)
2	1	A-201874-19	Sony Box Camera Assembly_V3		MBARI	
1	1	25492	Rect. Tube		Rock West Composites	Generic Carbon Epoxy

ITEM NO.	Print/QTY.	Part_Number	DESCRIPTION	Revision	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	DRAWN	J. ERICKSON	
Shop Foreman		1. DIMENSIONS ARE IN INCHES	3 PLACE DIM ±.005	ENGINEER	J. ERICKSON	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.	ANGLES ±1°	CHECKED		
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.		PROJECT NO.	901506	
		4. MACHINED FILLET RADII .0150-.030.		PROJECT	PIV	
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		WEIGHT	41.799 lb.	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				
Application		DO NOT SCALE DRAWING				

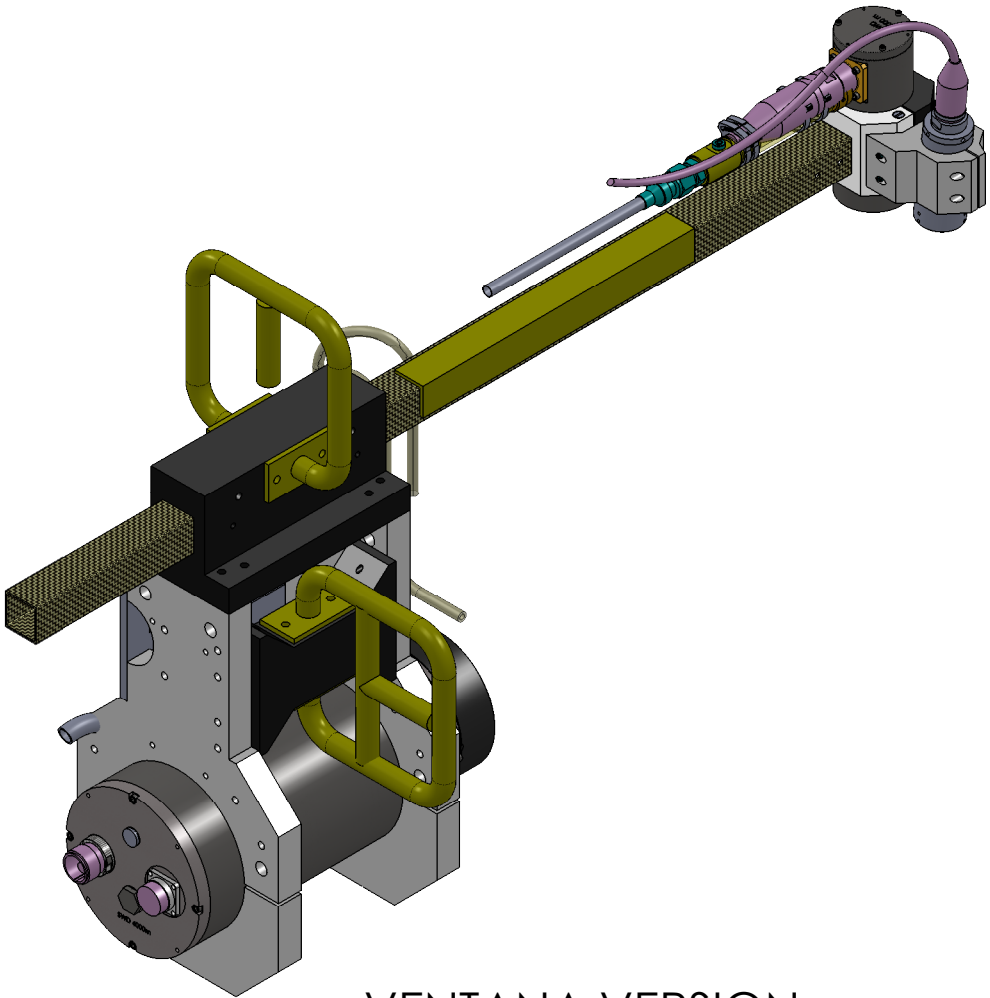
Monterey Bay Aquarium Research Institute					
MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700					
PIV LASER ASSEMBLY_V4 PIV ROV Assembly V4.2_marko				SIZE B	DWG. NO. A-201901-20.DWG
SCALE 1:16	CAD FILE: MECH ENG ON TORNADO	SHEET 2	OF 3	REV.	

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



RICKETTS VERSION



VENTANA VERSION

7. PROJECT LIBRARY:\901506 DeepPIV\ME Drawings\LaserAssembly_V4.0-Coherent
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 PIV LASER ASSEMBLY_V4.0 PIV ROV Assembly V4.2_marko A-201901-20.DWG	
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				ENGINEER J. ERICKSON			
Engineer		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.				CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	901506	SIZE B	DWG. NO.
						PROJECT	PIV	SCALE	1:24
Application		DO NOT SCALE DRAWING				WEIGHT	41.799 lb.	CAD FILE: MECH ENG ON TORNADO	SHEET 3 OF 3