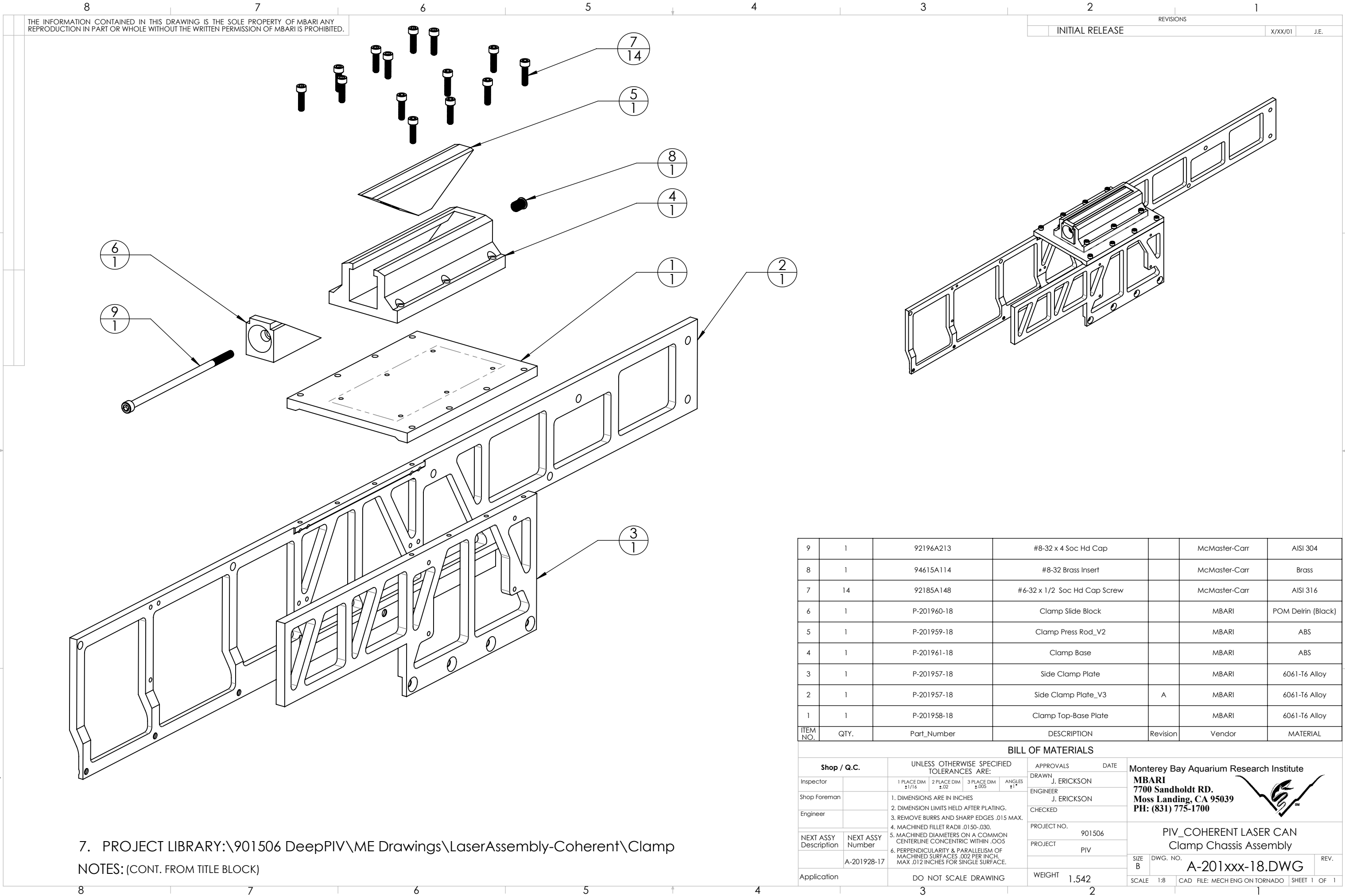




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REVISIONS		
INITIAL RELEASE	X/XX/01	J.E.

7. PROJECT LIBRARY:\901506 DeepPIV\ME Drawings\LaserAssembly-Coherent\Clamp
NOTES: (CONT. FROM TITLE BLOCK)

9	1	92196A213	#8-32 x 4 Soc Hd Cap		McMaster-Carr	AISI 304
8	1	94615A114	#8-32 Brass Insert		McMaster-Carr	Brass
7	14	92185A148	#6-32 x 1/2 Soc Hd Cap Screw		McMaster-Carr	AISI 316
6	1	P-201960-18	Clamp Slide Block		MBARI	POM Delrin (Black)
5	1	P-201959-18	Clamp Press Rod_V2		MBARI	ABS
4	1	P-201961-18	Clamp Base		MBARI	ABS
3	1	P-201957-18	Side Clamp Plate		MBARI	6061-T6 Alloy
2	1	P-201957-18	Side Clamp Plate_V3	A	MBARI	6061-T6 Alloy
1	1	P-201958-18	Clamp Top-Base Plate		MBARI	6061-T6 Alloy
ITEM NO.	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	
	A-201928-17	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		WEIGHT	1.542	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				
Application		DO NOT SCALE DRAWING				

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PIV_COHERENT LASER CAN
Clamp Chassis Assembly

SIZE B DWG. NO. A-201xxx-18.DWG REV.

SCALE 1:8 CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1