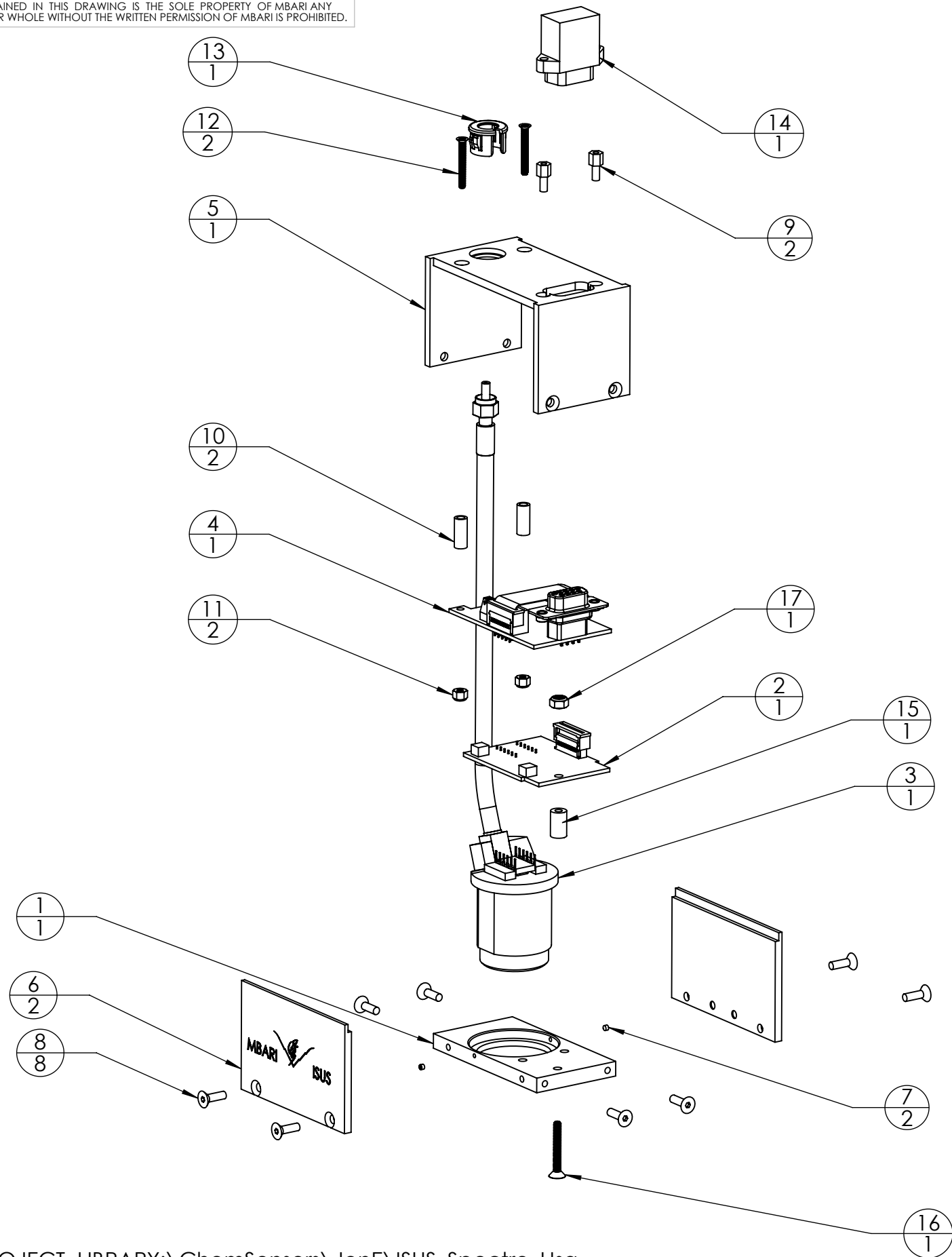
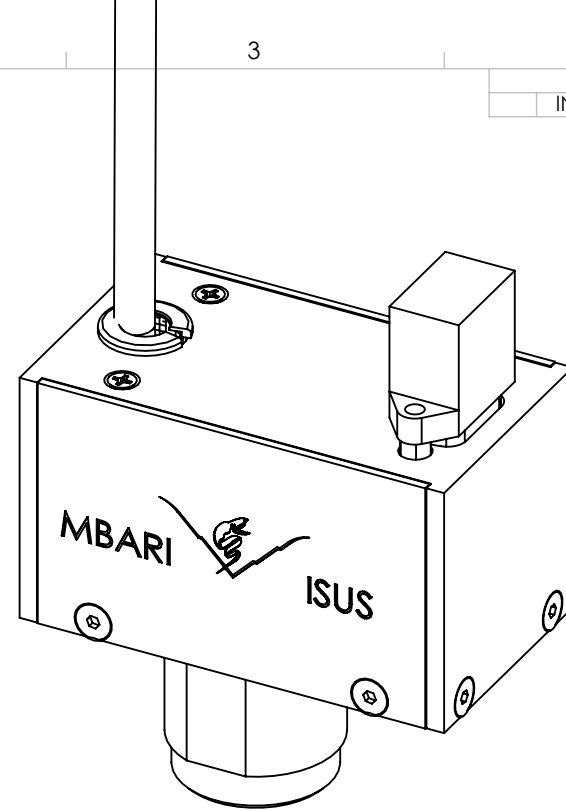


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7. PROJECT LIBRARY:\ChemSensors\JonE\ISUS_Spectro_Hsg

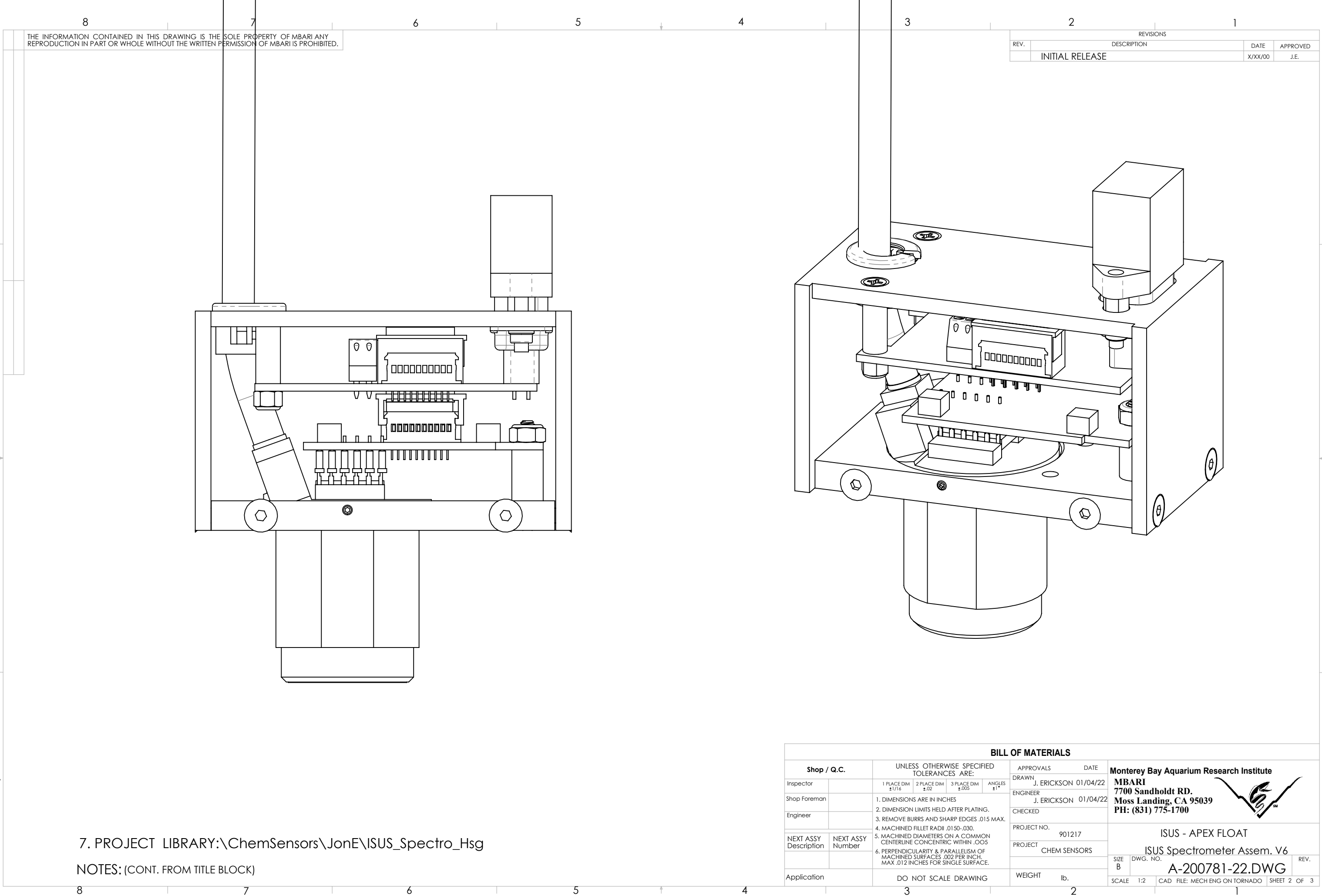
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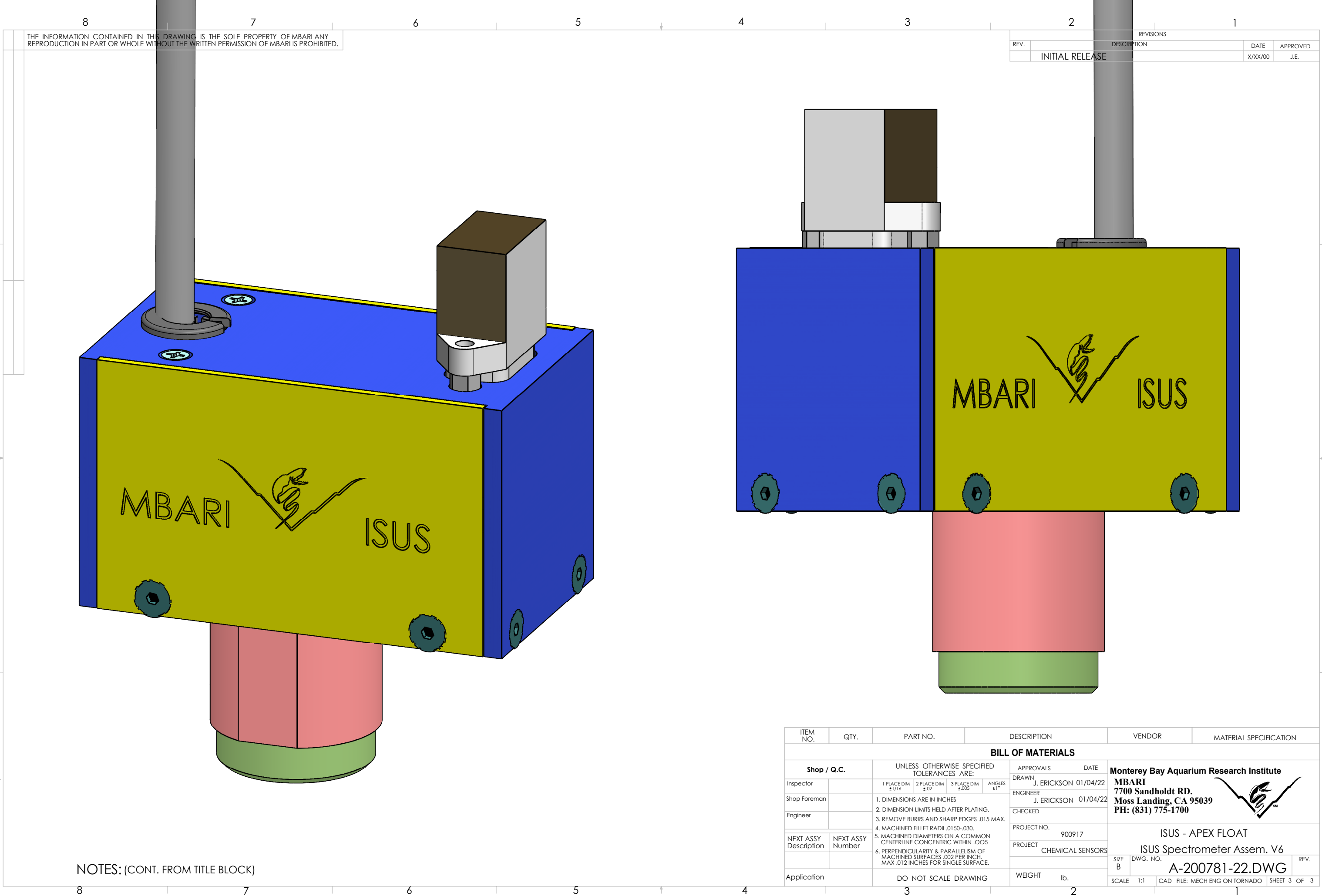


17	1	90717A005	#4-40 316 S.S. Nylon-Insert Locknut		McMaster-Carr Supply Company	316 Stainless Steel
16	1	90585A126	#4-40 x 7/8 316 S.S.		McMaster-Carr Supply Company	AISI 316
15	1	94639A498	Off-White Nylon Unthreaded Spacer		McMaster-Carr Supply Company	Nylon 6/6 Plastic
14	1		9 Pin Male Sub D Conn. (Mating Conn)	A.01		
13	1	PN8491	NYLON 6/6 Split BUSHING	A.01	Keystone	Nylon 6/6, BLACK UL 94V-2
12	2	92010A026	Fit Hd Phill M2.5 x 20		McMaster-Carr	
11	2	93625A102	M2.5 Nylok Nut	A.01	McMaster-Carr	AISI 304
10	2	R30-6701294	#4 x 12mm Nylon Spacer	A.01	HARWIN	6/6 Nylon
9	2	#7228	#4-40 Standard Jack Screw	A.01	Keystone	Steel
8	8	92125A128	FLT HD SOC SCREW M3x8	A.01	McMASTER-CARR	
7	2	M2x0.4 x 2mm	Hex Sckt Cone Pt. Set Screw			
6	2	P-200780-09	ISUS Spectrometer Side Plate	B	MBARI	Aluminum 6061-T6
5	1	P-200778-21	ISUS Spectrometer Case Conn End V4		MBARI	6063-T52
4	1		Zeiss Digital A-D Board Assembly V4	A.01	SpectronicDevices.com	
3	1	20200713-MMS.UV-2385-760	Zeiss Spectrometer		Zeiss	
2	1	xxxxxxx	Spectrometer Board Assembly			
1	1	P-200779-22	ISUS Spectrometer Base_MBARI		MBARI	Aluminum 6061-T6
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							
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN		J. ERICKSON 01/04/22		MBARI							
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 01/04/22		7700 Sandholdt RD.							
Engineer						CHECKED				Moss Landing, CA 95039							
NEXT ASSY Description						NEXT ASSY Number		PROJECT NO.		900917		PH: (831) 775-1700					
						PROJECT		CHEMICAL SENSORS		ISUS - APEX FLOAT							
Application		DO NOT SCALE DRAWING				WEIGHT				ISUS Spectrometer Assem. V6							
										SIZE B		DWG. NO.		A-200781-22.DWG		REV.	
										SCALE 1:1		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 $\pm 1/16$	2 PLACE DIM $\pm .02$	DRAWN	J. ERICKSON 01/04/22
Shop Foreman		1. DIMENSIONS ARE IN INCHES	3 PLACE DIM $\pm .005$	ENGINEER	J. ERICKSON 01/04/22
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.	ANGLES $\pm 1^\circ$	CHECKED	
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.		PROJECT NO.	900917
		4. MACHINED FILLET RADII .0150-.030.		PROJECT	CHEMICAL SENSORS
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		WEIGHT	lb.
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			
Application		DO NOT SCALE DRAWING			
				SIZE B	DWG. NO.
				SCALE 1:1	CAD FILE: MECH ENG ON TORNADO
				SHEET 3 OF 3	REV.

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



ISUS - APEX FLOAT
ISUS Spectrometer Assem. V6
A-200781-22.DWG