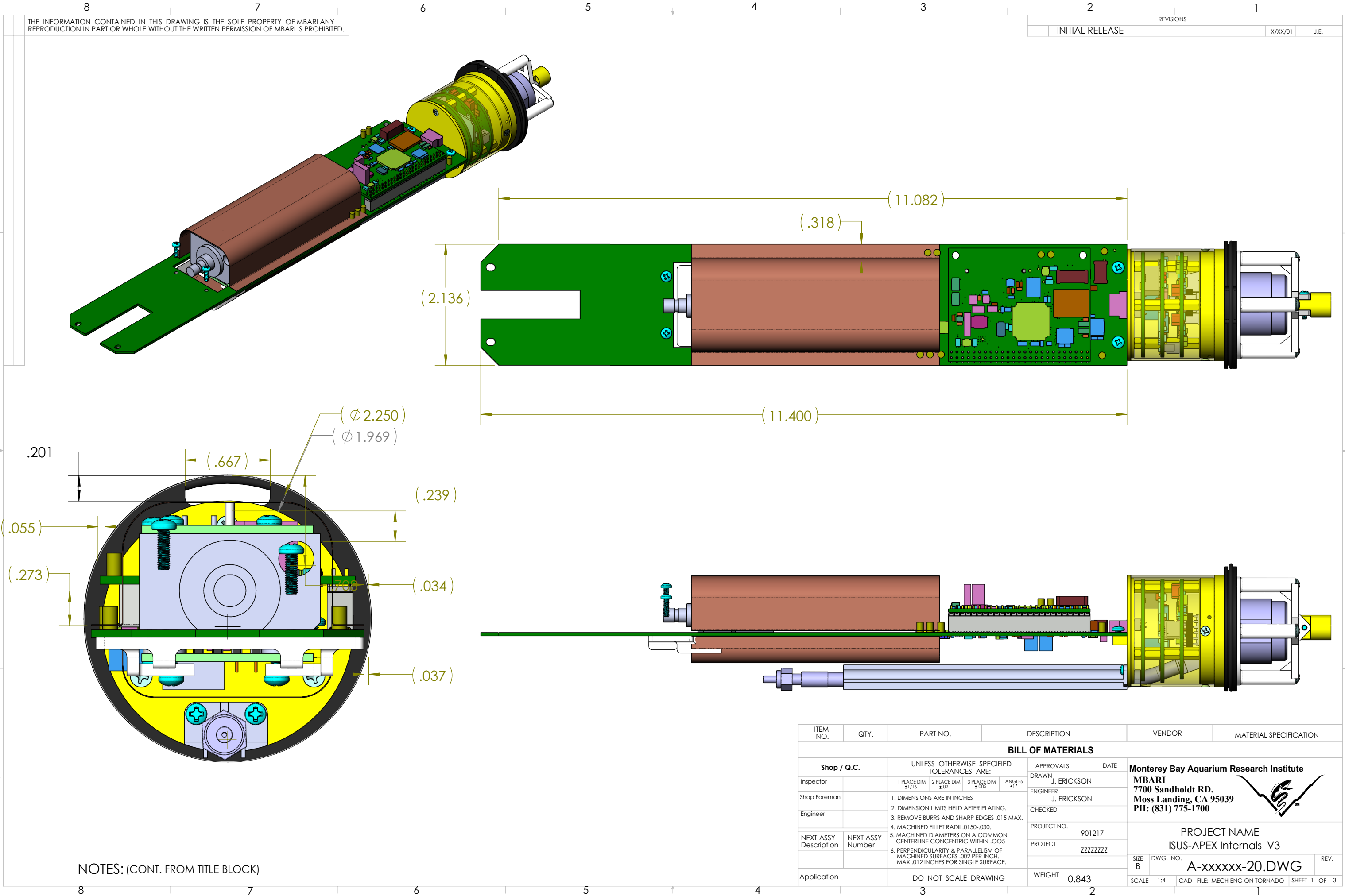
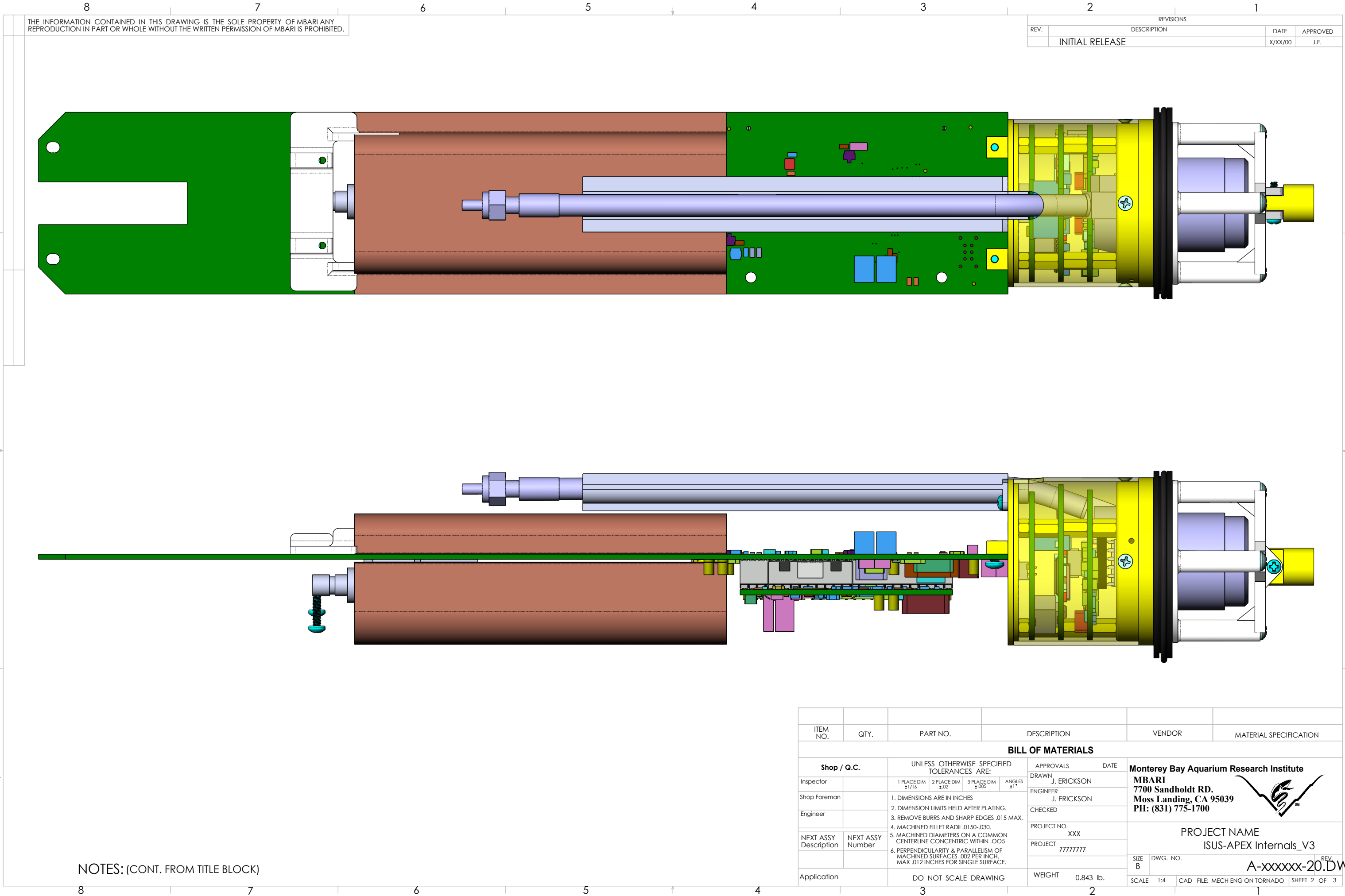






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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

NOTES: (CONT. FROM TITLE BLOCK)

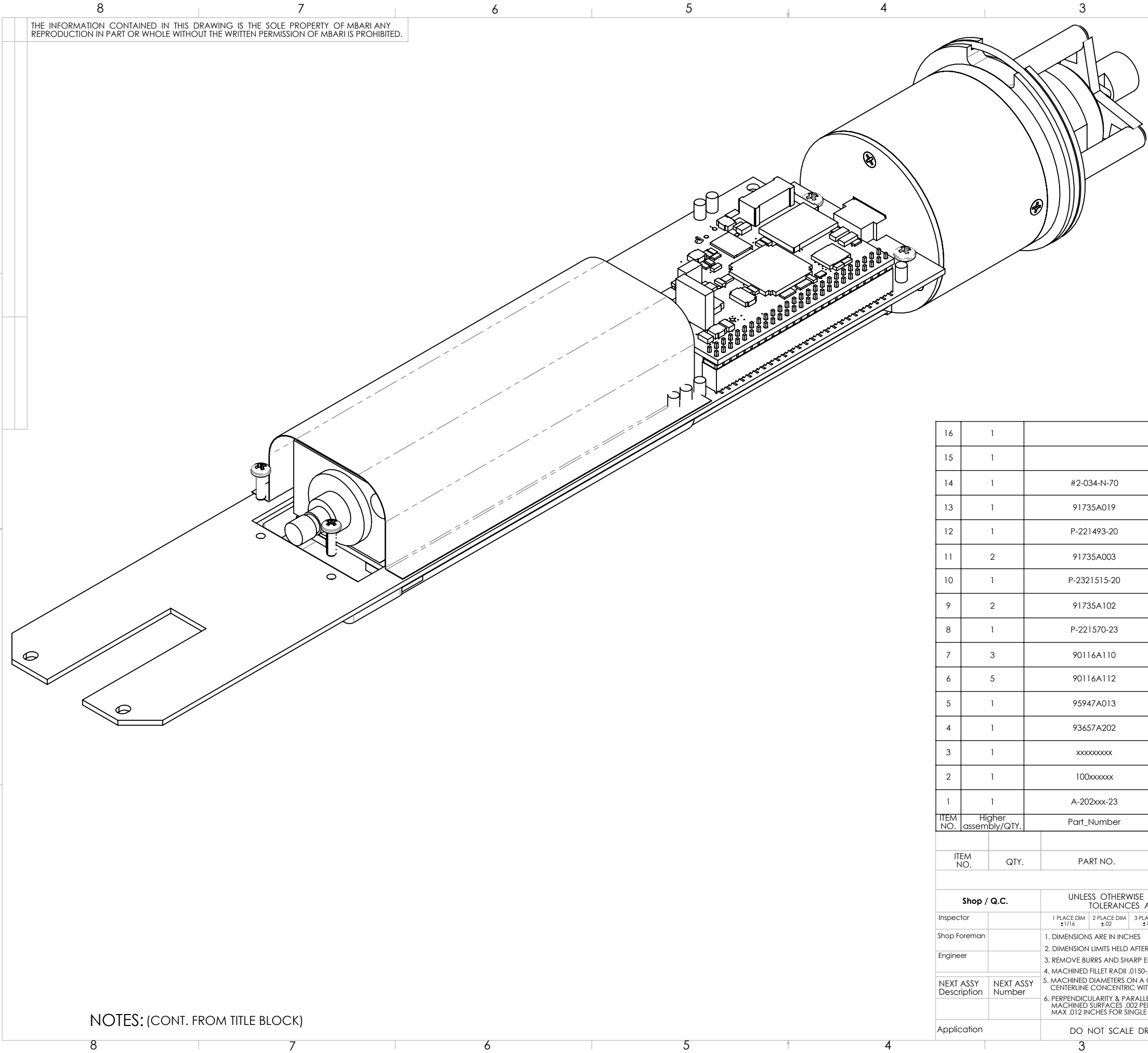
ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS	DATE
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	DRAWN J. ERICKSON	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, 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.		ENGINEER J. ERICKSON	
Engineer		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. XXX	
				PROJECT ZZZZZZZZ	PROJECT NAME ISUS-APEX Internals_V3
Application		DO NOT SCALE DRAWING		WEIGHT 0.843 lb.	SIZE B
					DWG. NO.
					SCALE 1:4
					CAD FILE: MECH ENG ON TORNADO
					SHEET 2 OF 3
					A-xxxxxx-20.DWG

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



PROJECT NAME
ISUS-APEX Internals_V3

A-xxxxxx-20.DWG



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

16	1		Copper Foil Shiled Lower			
15	1		Copper Foil Shield Upper		MBARI	
14	1	#2-034-N-70	#2-034 O-RING			BUNA - N-70
13	1	91735A019	#2-56 x 7/16 Pan Hd Phill		McMaster-Carr	
12	1	P-221493-20	Closure Lug		MBARI	6061-T6 Alloy
11	2	91735A003	#2-56 x 1/8 Pan Hd Phill		McMaster-Carr	AISI 316
10	1	P-2321515-20	Zeiss Spec. Fiber Guide		MBARI	Material <not specified>
9	2	91735A102	#4-40 x 1/4 Pan Hd Phil		McMaster-Carr	AISI 316
8	1	P-221570-23	FiberLight Mount racket_V2	A	MBARI	ABS
7	3	90116A110	M2.5-.45 x 6mm Pan Hd Phill		McMaster-Carr	AISI 316
6	5	90116A112	M2.5-.45x8mm_316 S.S.		McMaster-Carr Supply Company	316 Stainless Steel
5	1	95947A013	M2.5-.45 x 19mm RThreaded Hex Standoff		McMaster-Carr	6061-T6 Alloy
4	1	93657A202	M2.5 x 3mm x 4.5mm Dia. unthreaded spacer		McMaster-Carr	Nylon 6/10
3	1	xxxxxxxx	FiberLight2 Lamp Assembly			
2	1	100xxxxxx	mini ISUS PCB Assembly			
1	1	A-202xxx-23	Spectro Assembly V4		MBARI	
ITEM NO.	Higher assembly/QTY.	Part_Number	DESCRIPTION	Revision	Vendor	MATERIAL

ITEM NO.	QTY.	PART NO.	DESCRIPTION			VENDOR	MATERIAL SPECIFICATION			
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 			
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 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030.				ENGINEER J. ERICKSON				
Engineer		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. XXX				
						PROJECT ZZZZZZZZ	PROJECT NAME ISUS-APEX Internals_V3			
Application		DO NOT SCALE DRAWING			WEIGHT	0.843 lb.	SIZE B	DWG. NO.	REV	
								SCALE 1:4	CAD FILE: MECH ENG ON TORNADO	SHEET 3 OF 3

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A-xxxxxx-20.DWG

NOTES: (CONT. FROM TITLE BLOCK)