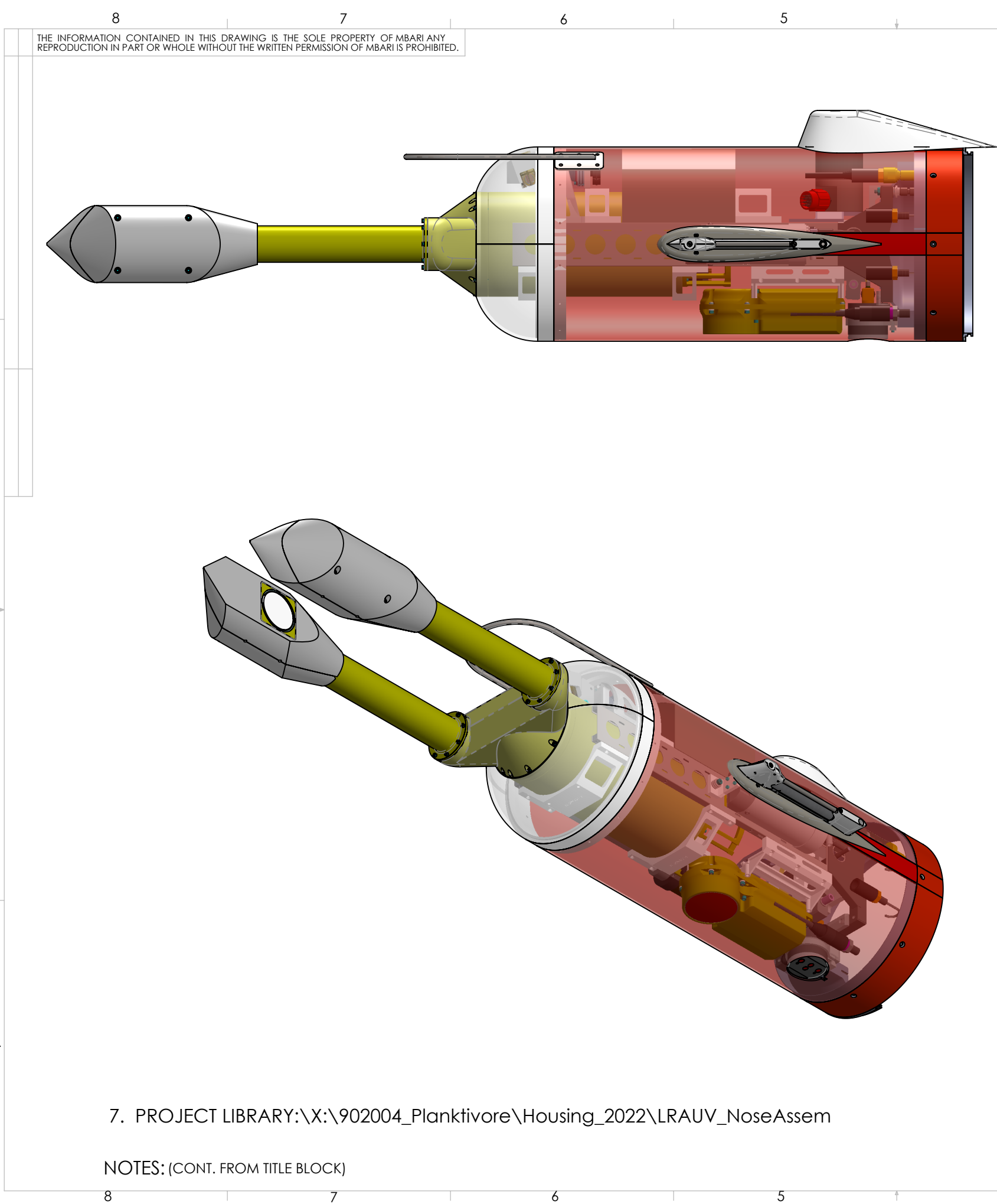




35	1	3	316 Stainless Steel Hex Drive Flat Head Screw	2	McMaster-Carr Supply Company	316 Stainless Steel
34	1			REVISIONS		
33	1	P-201978-18	DAT Bridge Support Bracket	C	MBARI	Material <not specified>
32	1	A-201951-17		B	Waterat	
31	2	P-100221577-2	One Cam Bracket			Black UHMW
30	1		PART NAME			N/A
29	1	P-221595-21	EyeRis Nose Frame Foam		Engineered Syntactic Systems	24 lb Foam
28	1	A-202017-18	DAT Flow Shell Slot Cover		MBARI	
27	1	A-201814-16	PayLoad Nose Shell CTD Slot Cover		Waterat	
26	1	A-201951-17		B	Waterat	
25	1	A-800139-77-061620	Mounted Strobe Full Model		MBARI	
24	1	A-221xxx-20	EyeRis Combined Camera Housing 300m		MBARI	
23	2	P-221569-21	Planktvor Case Mount Bracket		MBARI	ABS
22	2	P-221568-21	PLANKTVOR LRAUV Compass Bracket		MBARI	ABS
21	1	A-200887-17		A	MBARI	
20	1	A-201667-14	DAT Xducer Foam Assem_V2		MBARI	
19	1	ULB-350/37	Pinger Xducer		RJE Int.	
18	1	A-201xxx-16	SeaBird-PayLoad Assembly			
17	1		SBE43-DO_PumpAssembly			
16	1	ECO-MB@-220604	Eco Puck Fluorometer Assembly		WET Labs	
15	1	A-200756-19	Puck Clamp Assembly		MBARI	
14	2	94805A029	1/4-20 Jam Nut		McMASTER-CARR	316 Stainless Steel
13	2		1/4 Flat Washer		McMaster-Carr	Titanium Gr2
12	1	A-202xxx-19	X-Long PatLoad Frame - EyeRis		MBARI	Material <not specified>
11	2	PCC_C21-003	Bellville spring washer		Product Component Parts	DELFIN
10	1	C27460	Nylon Shoulder Bushing		Product Components Corp.	Nylon 6/10
9	1	90575A550	Thread Stud		McMaster-Carr	316 SS
8	1	P-201326-12	Chassis Tie Rod End Fix	-	MBARI	Titanium 6AL-4V
7	1	P-201471-12	Chassis Rod End		MBARI	6061-T6 Alum.
6	1	MCIL12-M	Subconn 12 Pin Plug		SubConn	
5	1	P-201705-18	ISUS_Probe_BulkHd 7/16-20 port		MBARI	6061-T6 Alloy
4	1	P-200626-08	PressHull_EndDome_FWD	G	MBARI	6061-T6 Alloy
3	2	MCBH12F	Subconn Micro-12		Subconn	
2	6	MCBH-8F	8-Pin Bulkhead port Connector		Subconn	
1	2		MALE 8 PIN 316 20KFSW W-BLOCK			
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	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN J. ERICKSON xx/xx/20
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER J. ERICKSON xx/xx/20
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				
		4. MACHINED FILLET RADII .0150-.030.				
NEXT ASSY Description	NEXT ASSY Number	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.				
Application		DO NOT SCALE DRAWING			WEIGHT 69.003	
					SIZE B	DWG. NO. A-202xxx-20.DWG
					SCALE 1:12	REV.
					CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 3

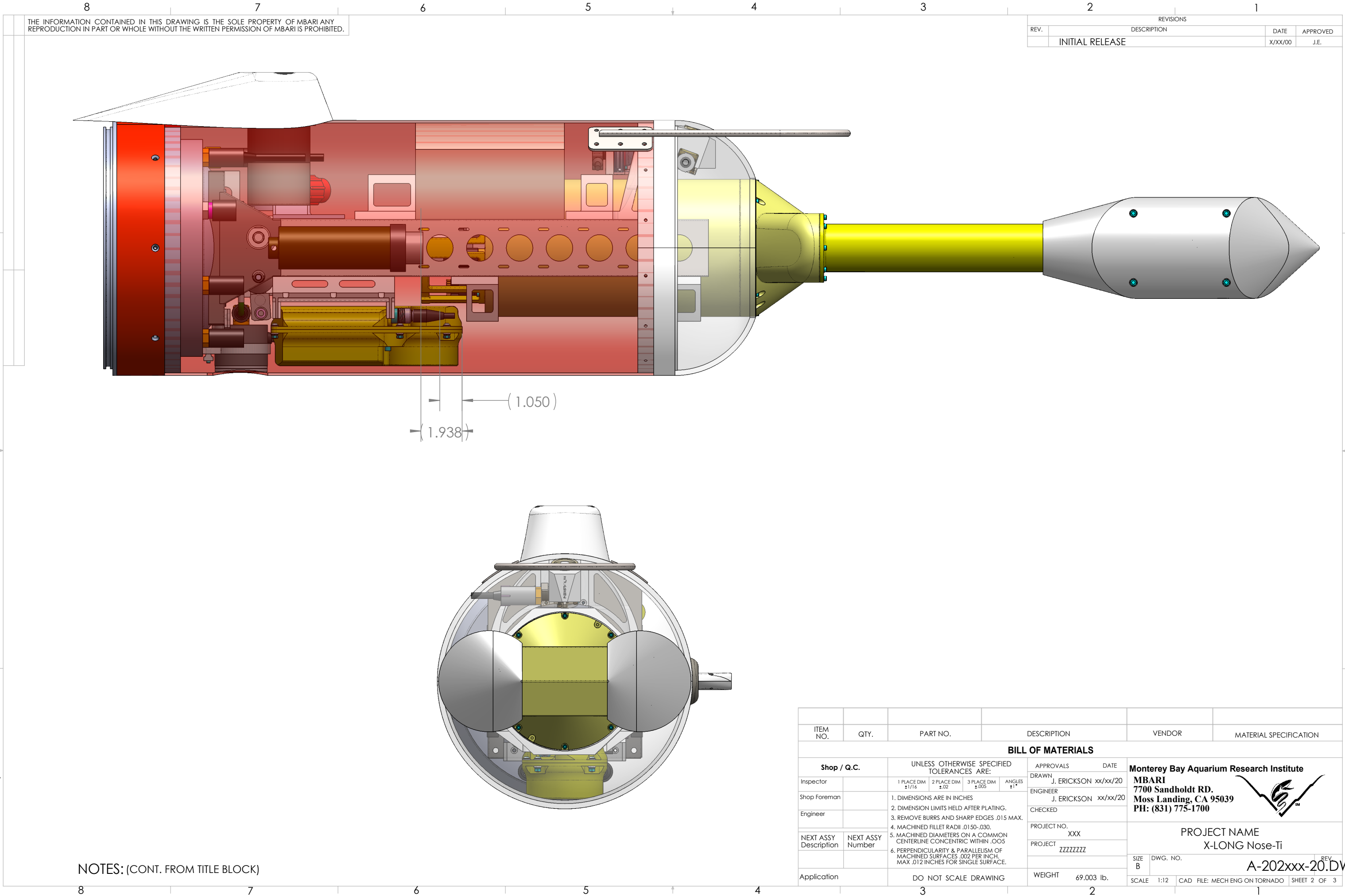
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Moss Landing, CA 95039
PH: (831) 775-1700



TETHYS - LRAUV
X-LONG Nose-Ti

A-202xxx-20.DWG



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

1.938
1.050

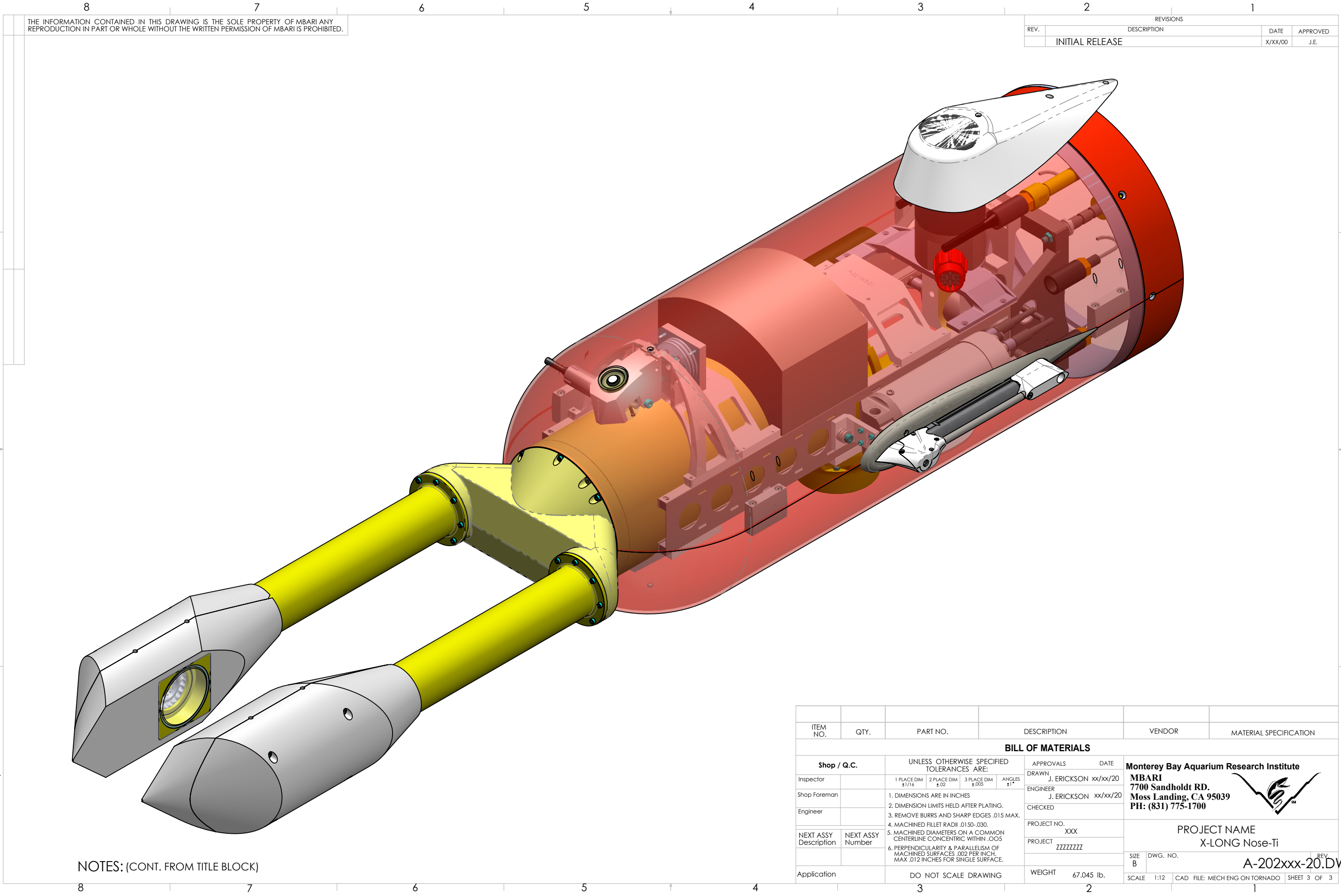
NOTES: (CONT. FROM TITLE BLOCK)

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	3 PLACE DIM ±.005	ANGLES ±1°
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					
NEXT ASSY Description	NEXT ASSY Number				
Application		DO NOT SCALE DRAWING		WEIGHT	69.003 lb.
				SIZE B	DWG. NO. A-202xxx-20.DWG
				SCALE 1:12	CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 3

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PROJECT NAME
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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	xx/xx/20
Shop Foreman		1. DIMENSIONS ARE IN INCHES	3 PLACE DIM ±.005	ENGINEER J. ERICKSON	xx/xx/20
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. XXX	
		4. MACHINED FILLET RADII .0150-.030.		PROJECT ZZZZZZZZ	
		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.			
Application		DO NOT SCALE DRAWING	WEIGHT 67.045 lb.		
				SIZE B	DWG. NO. A-202xxx-20.DWG
				SCALE 1:12	CAD FILE: MECH ENG ON TORNADO SHEET 3 OF 3

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