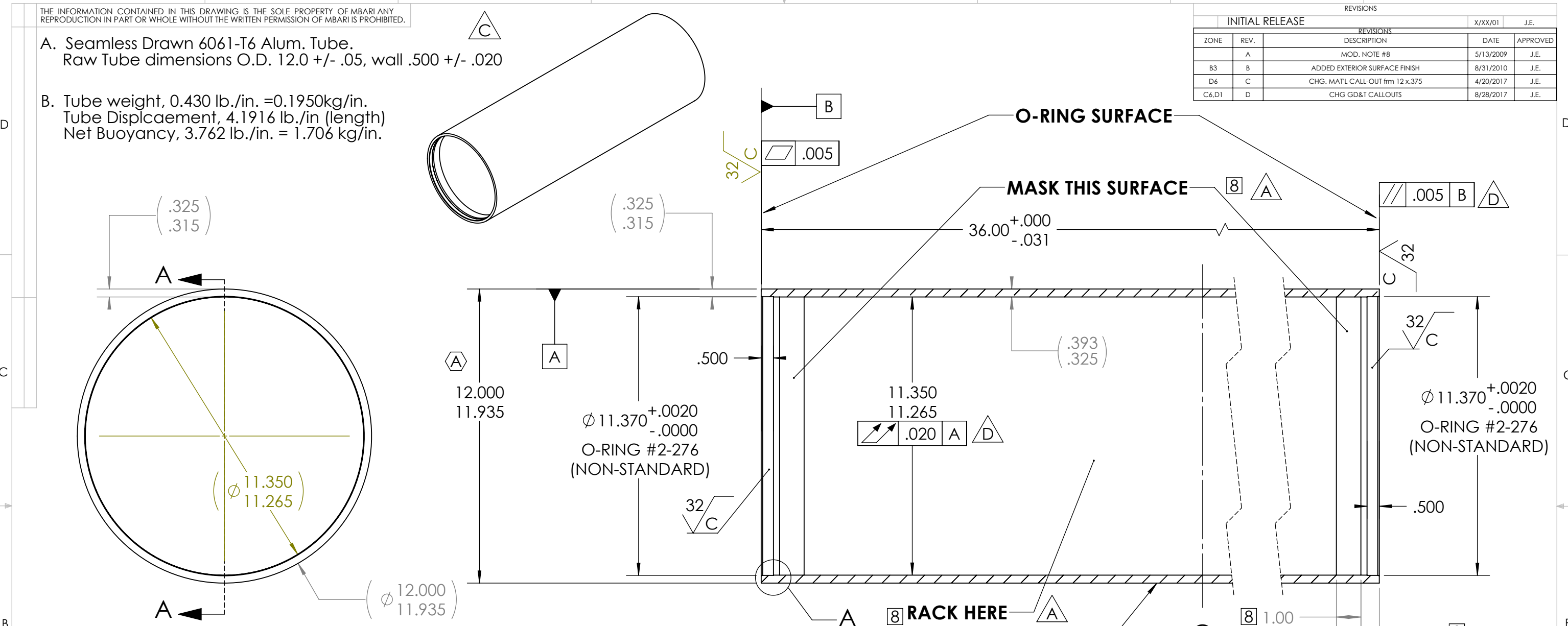


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

A. Seamless Drawn 6061-T6 Alum. Tube.
Raw Tube dimensions O.D. 12.0 +/- .05, wall .500 +/- .020

B. Tube weight, 0.430 lb./in. = 0.1950kg/in.
Tube Displcaement, 4.1916 lb./in (length)
Net Buoyancy, 3.762 lb./in. = 1.706 kg/in.

REVISIONS				
INITIAL RELEASE			X/XX/01	J.E.
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	MOD. NOTE #8	5/13/2009	J.E.
B3	B	ADDED EXTERIOR SURFACE FINISH	8/31/2010	J.E.
D6	C	CHG. MAT'L CALL-OUT frm 12 x.375	4/20/2017	J.E.
C6,D1	D	CHG GD&T CALLOUTS	8/28/2017	J.E.



	(in)
C.G.-X	0.00
C.G.-Y	0.00
C.G.-Z	0.00
Volume	428.74

9. Q.C. (INSPECTION) REPORT REQUIRED FOR EACH PIECE.

8. Finish: HARD BLACK ANODIZE IN ACCORDANCE WITH MIL-A-8625F Type III (.001 THICK). MASK SURFACES AS NOTED. RACK AS NOTED. DO NOT SEAL COAT.

7. All dimensions are symmetric about common center lines unless specified otherwise.

NOTES: (CONT. FROM TITLE BLOCK)

	1	P-200465-08	Seamless Drawn Alum Tube (12 x .375)	MBARI	6061-T6 Alloy
ITEM NO.	QTY.	Part_Number	DESCRIPTION	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°
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.		DRAWN J. ERICKSON 2/13/08	
Engineer				ENGINEER J. ERICKSON 2/13/08	
				CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO. 900739	
				PROJECT LRAUV	
Application		DO NOT SCALE DRAWING		WEIGHT 15.49 lb.	
Monterey Bay Aquarium Research Institute					
MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700					
					
LRAUV PRESSURE HULL					
P-200465-08_AlumPressHull_V1					
SIZE B		DWG. NO.		REV. D	
		P-200465-08.DWG			
SCALE 1:8		CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1			