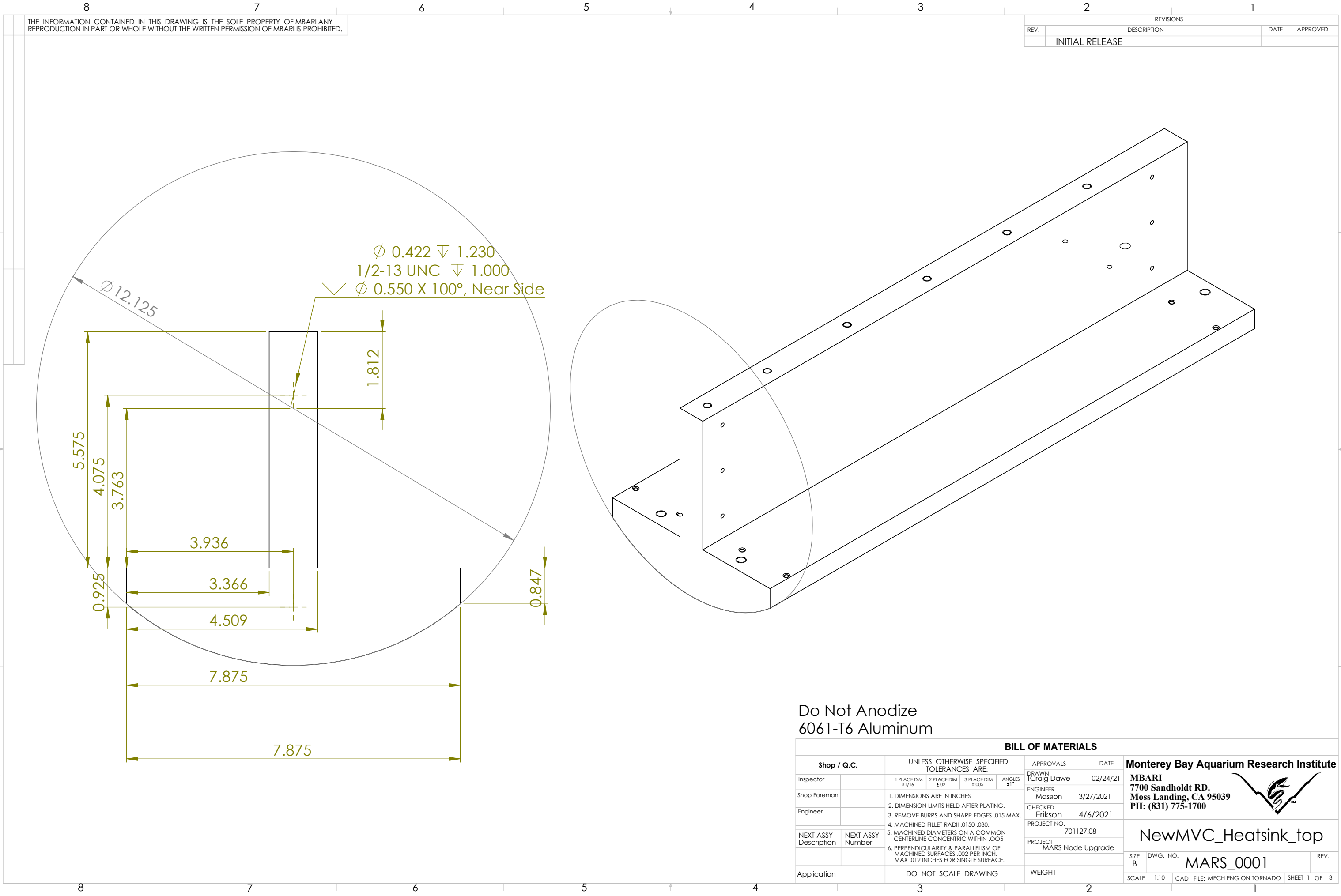
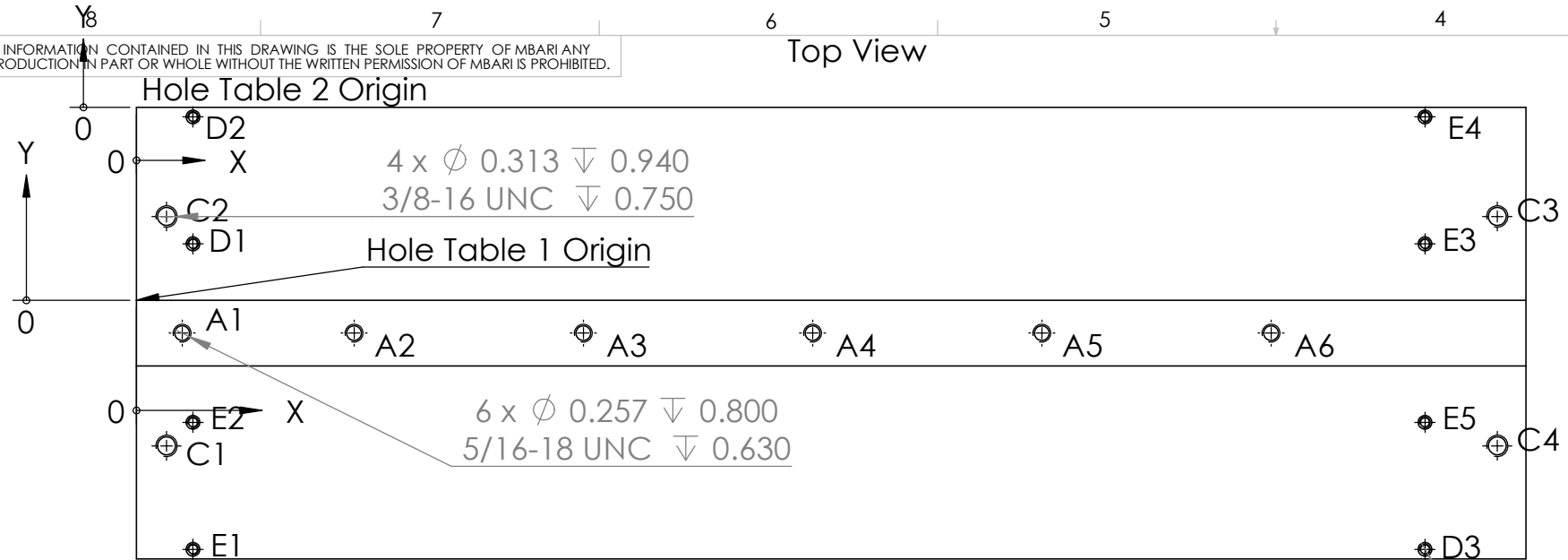




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Top View

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



Hole Table 1

TAG	X LOC	Y LOC	SIZE
A1	0.797	-0.571	$\varnothing 0.257 \sqrt{0.800}$ 5/16-18 UNC $\sqrt{0.630}$
A2	3.797	-0.571	
A3	7.797	-0.571	
A4	11.797	-0.571	
A5	15.797	-0.571	
A6	19.797	-0.571	

8 x ϕ 0.159 ∇ 0.470
10-32 UNF ∇ 0.380
✓ ϕ 0.240 X 100°, Near Side

Hole Table 2

TAG	X LOC	Y LOC	SIZE
C1	0.524	-5.903	$\varnothing 0.313 \nabla 0.940$ $3/8-16 \text{ UNC } \nabla 0.750$
C2	0.524	-1.903	
C3	23.744	-1.903	
C4	23.744	-5.903	
D1	0.986	-2.381	$\varnothing 0.159 \nabla 0.470$ $10-32 \text{ UNF } \nabla 0.380$ $\varnothing 0.240 \times 100^\circ, \text{ Near Side}$
D2	0.986	-0.167	
D3	22.482	-7.708	
E1	0.986	-7.708	$\varnothing 0.159 \nabla 0.470$ $10-32 \text{ UNF } \nabla 0.380$ $\varnothing 0.240 \times 100^\circ, \text{ Near Side}$
E2	0.986	-5.493	
E3	22.482	-2.381	
E4	22.482	-0.167	
E5	22.482	-5.493	

Do Not Anodize 6061 T6 Aluminum

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 TCraig Dawe	02/24/2021				
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER Massion	03/27/2021				
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED Erkson	04/06/2021				
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.					
NEXT ASSY Description	NEXT ASSY Number	4. MACHINED FILLET RADII .0150-.030.				701127.08				NewMVC_Heatsink_top SIZE B DWG. NO. MARS_0001 REV.	
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				PROJECT					
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX. .012 INCHES FOR SINGLE SURFACE.				MARS Node Upgrade					
Application		DO NOT SCALE DRAWING				WEIGHT				SCALE 1:10 CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 3	

