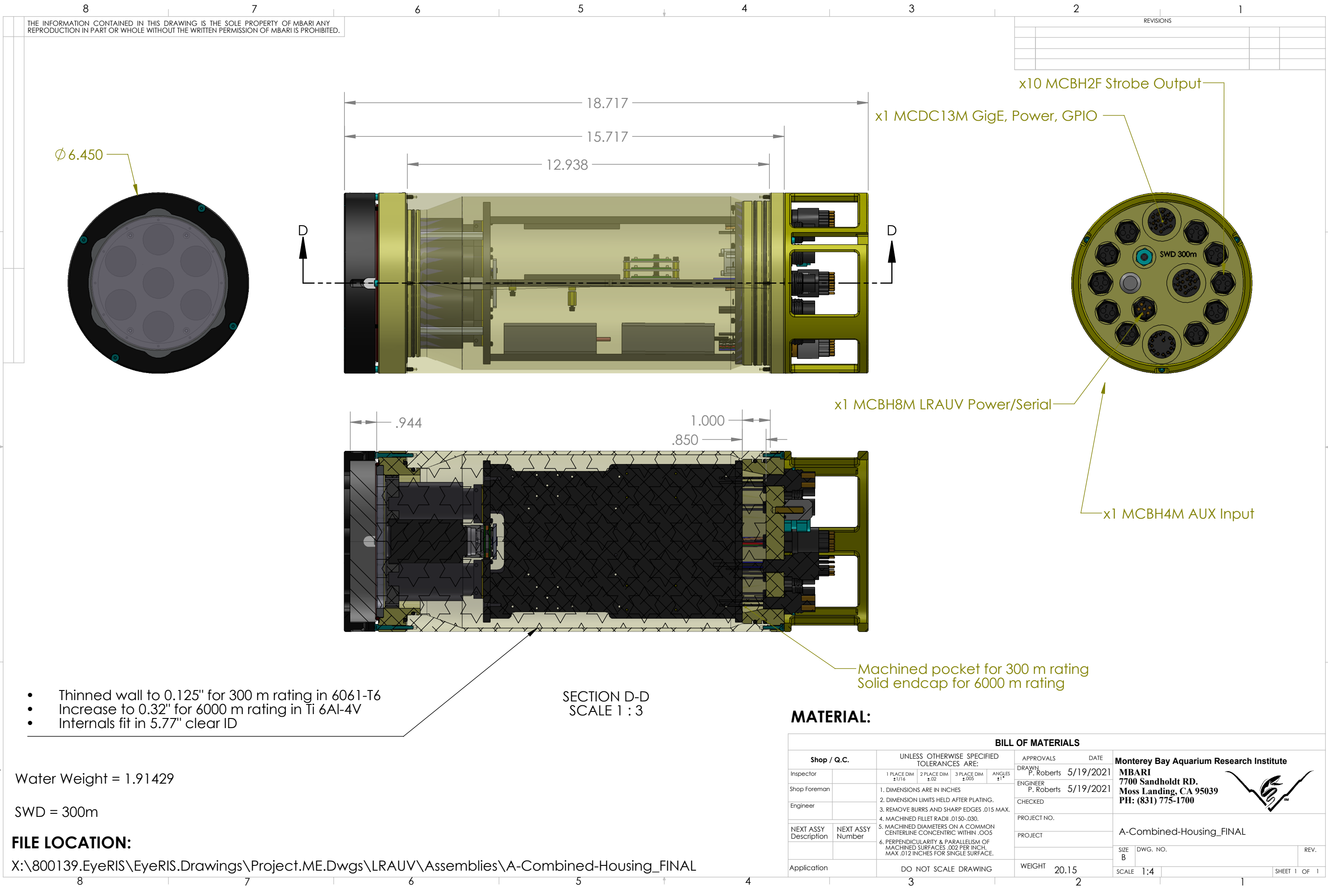




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REVISIONS

x10 MCBH2F Strobe Output

x1 MCDC13M GigE, Power, GPIO

x1 MCBH8M LRAUV Power/Serial

x1 MCBH4M AUX Input

Machined pocket for 300 m rating
Solid endcap for 6000 m rating

SECTION D-D
SCALE 1 : 3

MATERIAL:

- Thinned wall to 0.125" for 300 m rating in 6061-T6
- Increase to 0.32" for 6000 m rating in Ti 6Al-4V
- Internals fit in 5.77" clear ID

Water Weight = 1.91429

SWD = 300m

FILE LOCATION:

X:\800139.EyeRIS\EyeRIS.Drawings\Project.ME.Dwgs\LRAUV\Assemblies\A-Combined-Housing_FINAL

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	5/19/2021	MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER	5/19/2021			
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED				
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.				
		4. MACHINED FILLET RADII .0150-.030.				PROJECT				
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				WEIGHT	20.15			
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				DO NOT SCALE DRAWING				
Application						SCALE	1:4	SIZE B	DWG. NO.	REV.
						SHEET	1	OF	1	