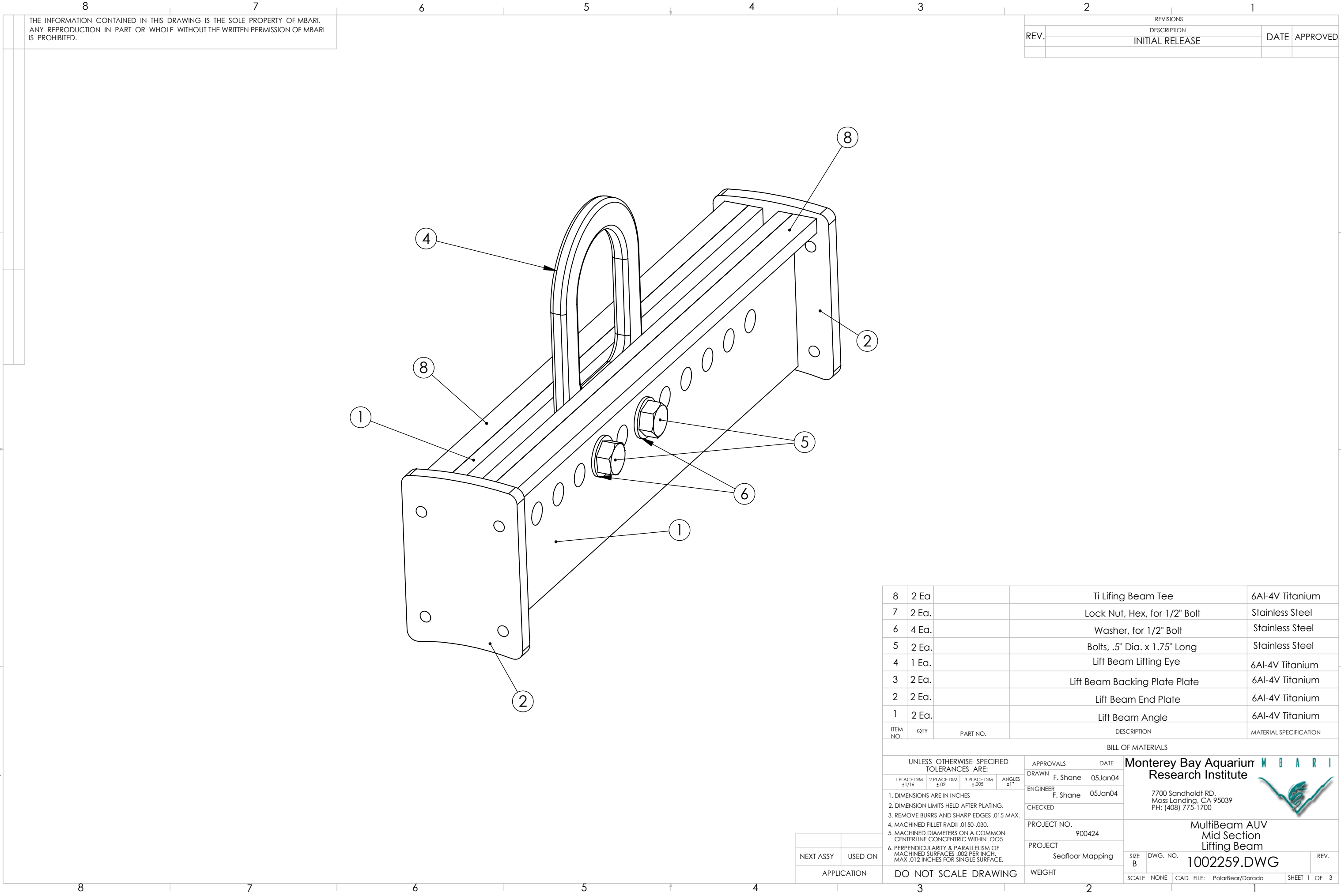
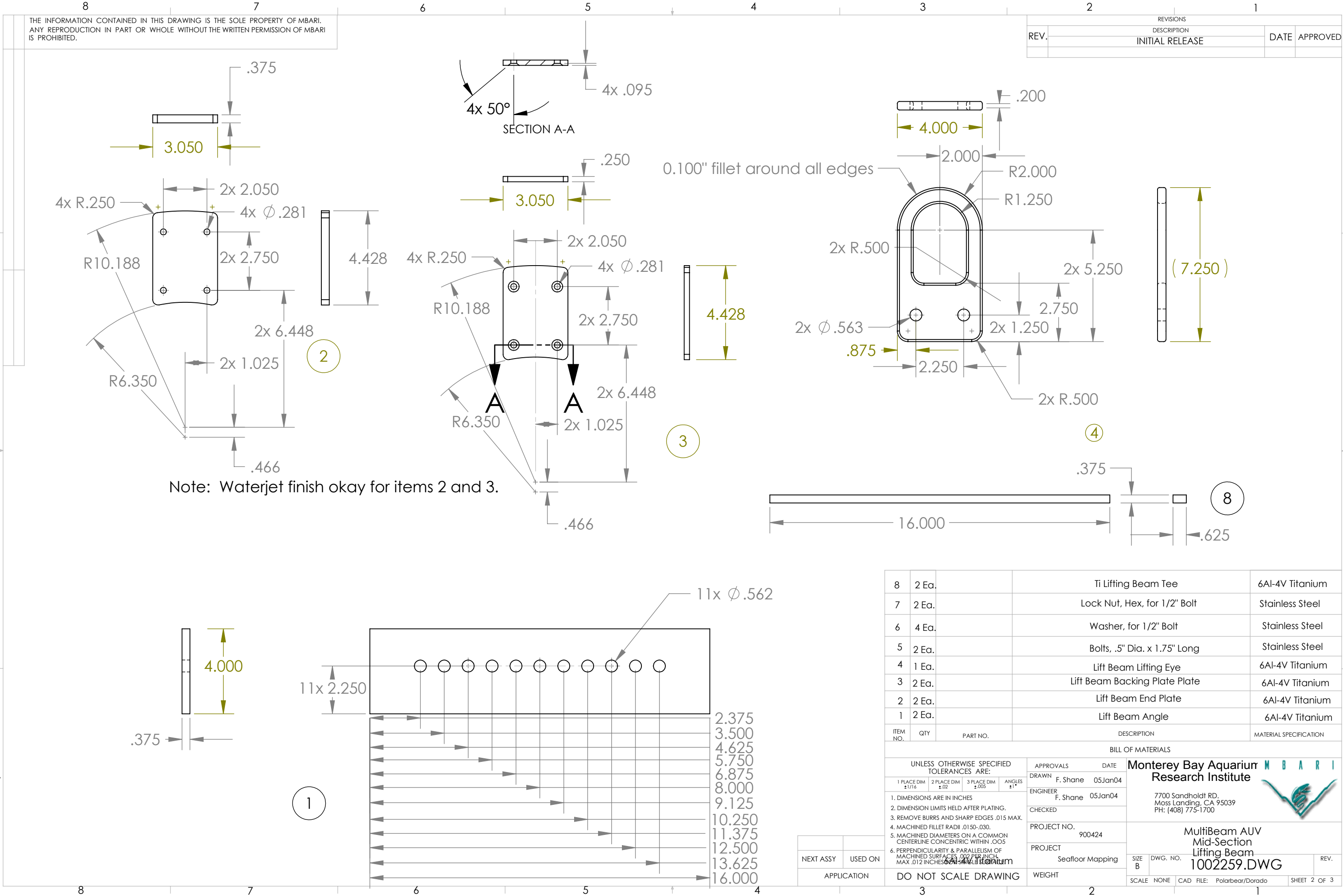
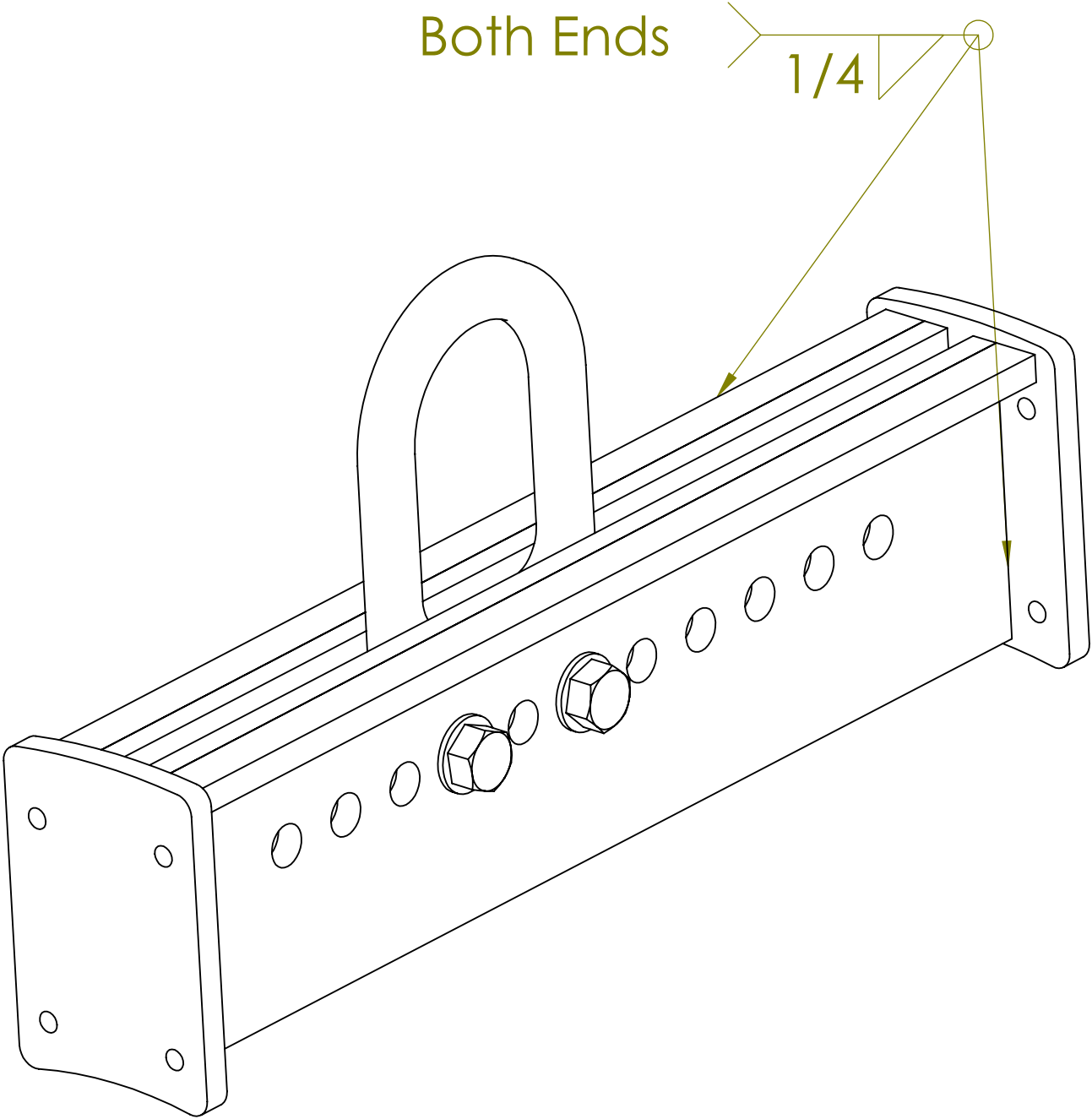




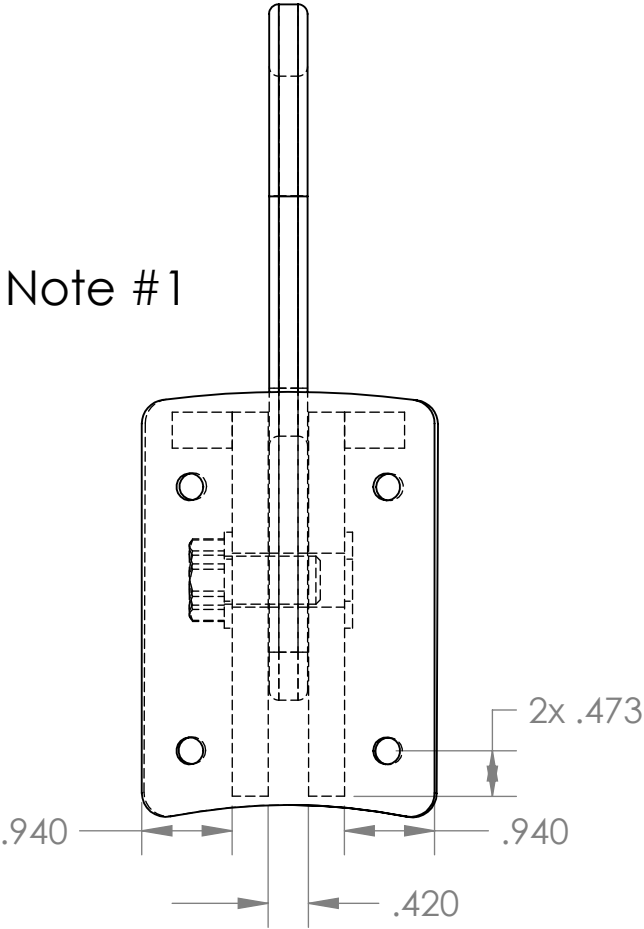


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



See Note #1



MultiBeam AUV
Mid-Section
Lifting Beam

- Notes: 1. All Titanium welding shall be conducted using inert gas shielding to prevent Oxygen embrittlement.
2. Overall assembly length is 16.750". Stock material can be used but dimensions need to be adjusted accordingly (adjust items 1 & 8).

ITEM NO.	QTY	PART NO.	DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS				
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS	DATE
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	DRAWN F. Shane	05Jan04
1. DIMENSIONS ARE IN INCHES			ENGINEER F. Shane	05Jan04
2. DIMENSION LIMITS HELD AFTER PLATING.			CHECKED	
3. REMOVE BURRS AND SHARP EDGES .015 MAX.			PROJECT NO.	900424
4. MACHINED FILLET RADII .0150-.030.			PROJECT	Seafloor Mapping
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			WEIGHT	
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			SCALE	NONE
NEXT ASSY			USED ON	
APPLICATION			DO NOT SCALE DRAWING	
			2	
			3	
			2	
			1	

Monterey Bay Aquarium Research Institute

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MultiBeam AUV
Mid-Section
Lifting Beam

SIZE B DWG. NO. 1002259.DWG REV.

SCALE NONE CAD FILE: Polarbear/Dorado SHEET 3 OF 3