

3D printed shroud
Protects light
Sheds lines and other objects
Screwed to titanium plate

1/8" gap allows water to flow for cooling

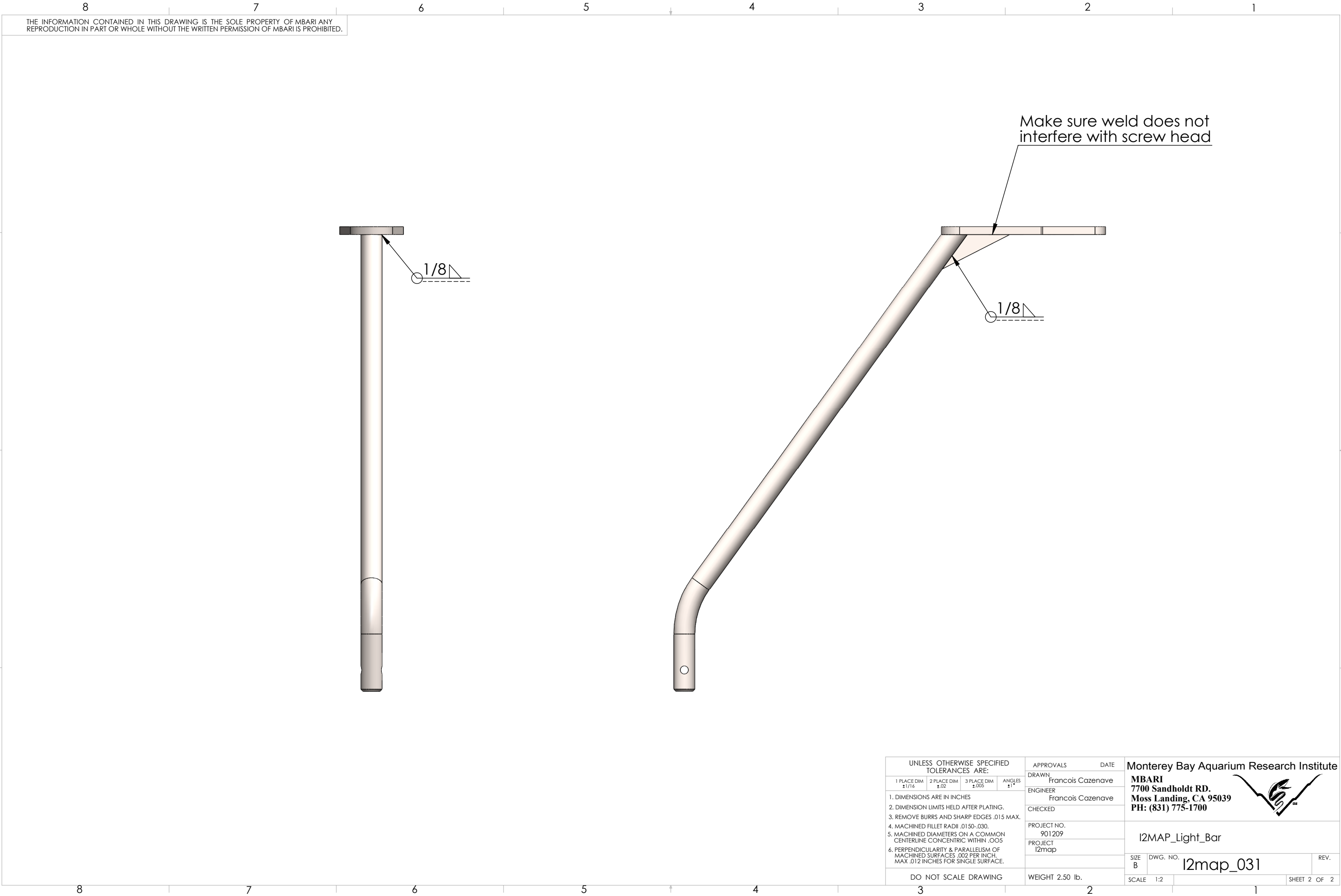
Titanium bars that bend in
case of impact and can
be replaced easily

small gusset for
added strength

Pin turned 90 degrees

I2map AUV light bars

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Francois Cazenave				
1. DIMENSIONS ARE IN INCHES				ENGINEER Francois Cazenave		I2MAP_Light_Bar		
2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED				
3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO. 901209		I2map_031		
4. MACHINED FILLET RADII .0150-.030.				PROJECT I2map				
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005						SIZE B	DWG. NO.	REV.
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.							I2map_031	
DO NOT SCALE DRAWING				WEIGHT 2.50 lb.		SCALE 1:2		SHEET 1 OF 2



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				PROJECT I2map				
				WEIGHT 2.50 lb.		SIZE B	DWG. NO. I2map_031	REV.
				SCALE 1:2		SHEET 2 OF 2		