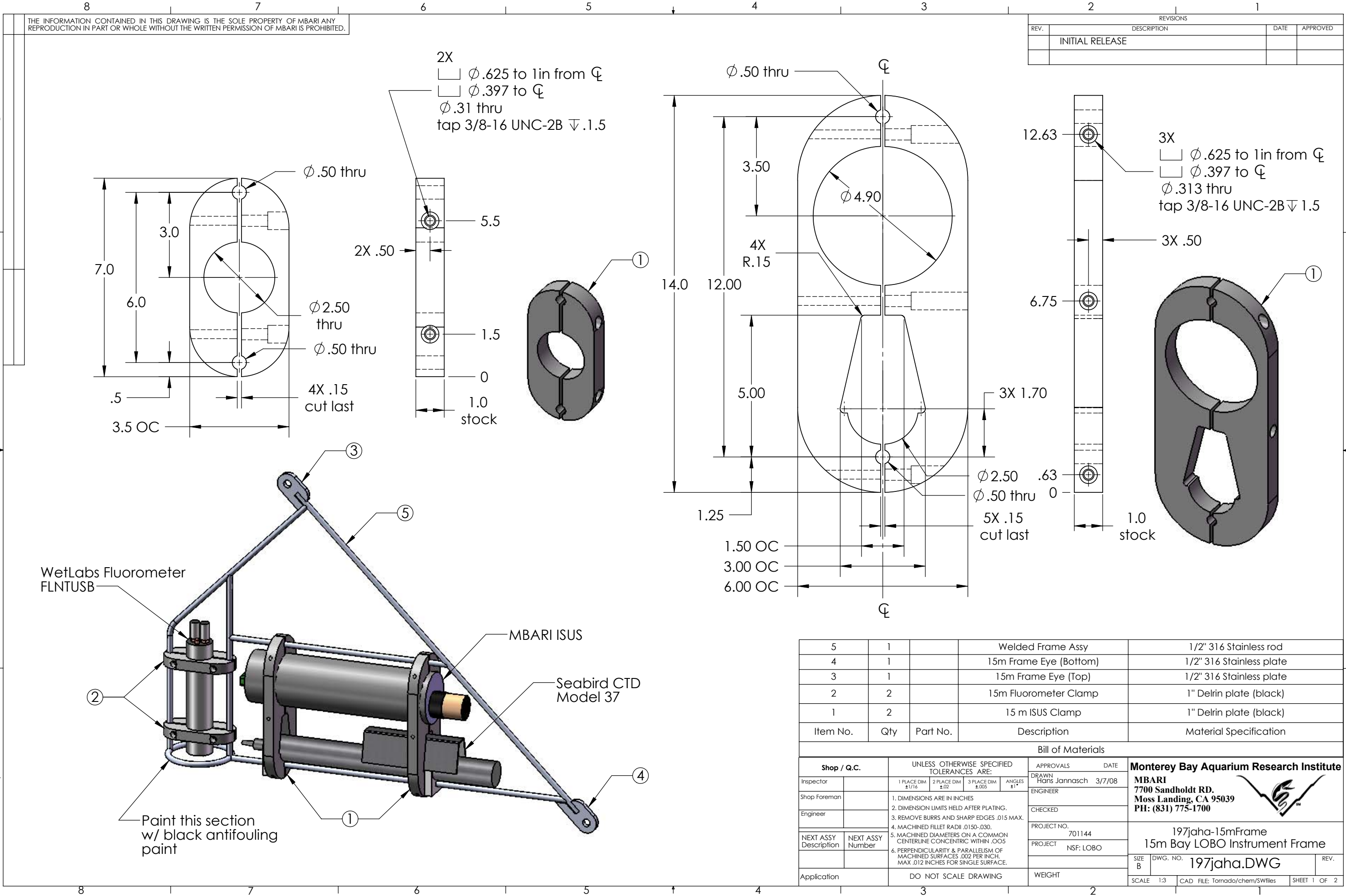
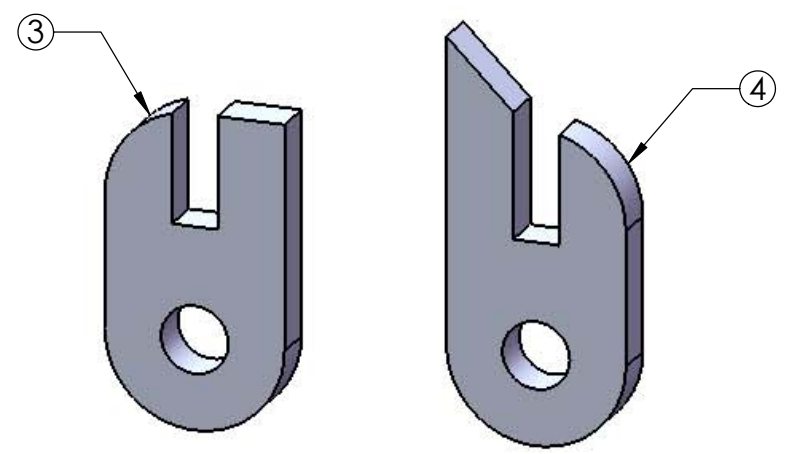
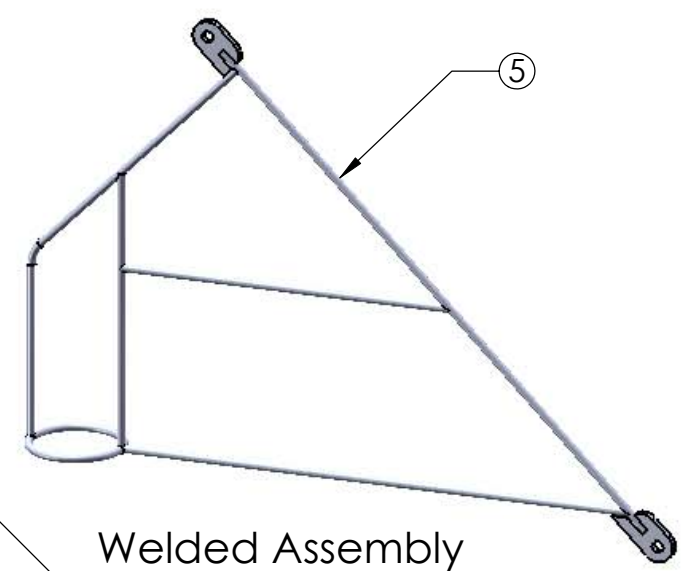
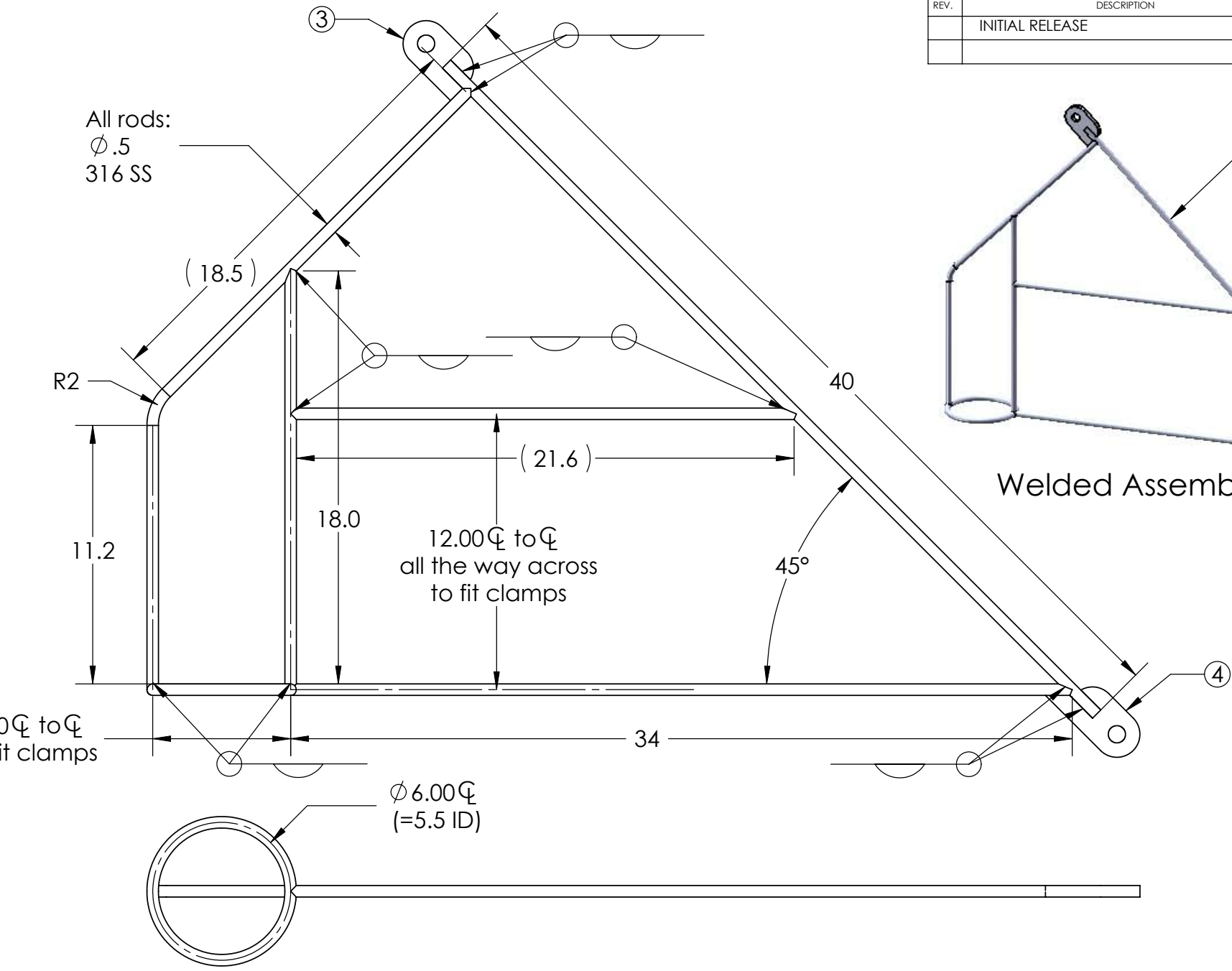
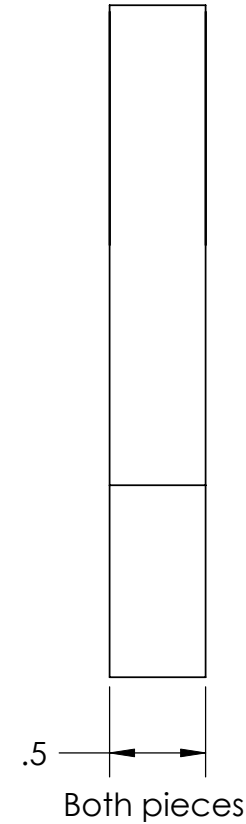
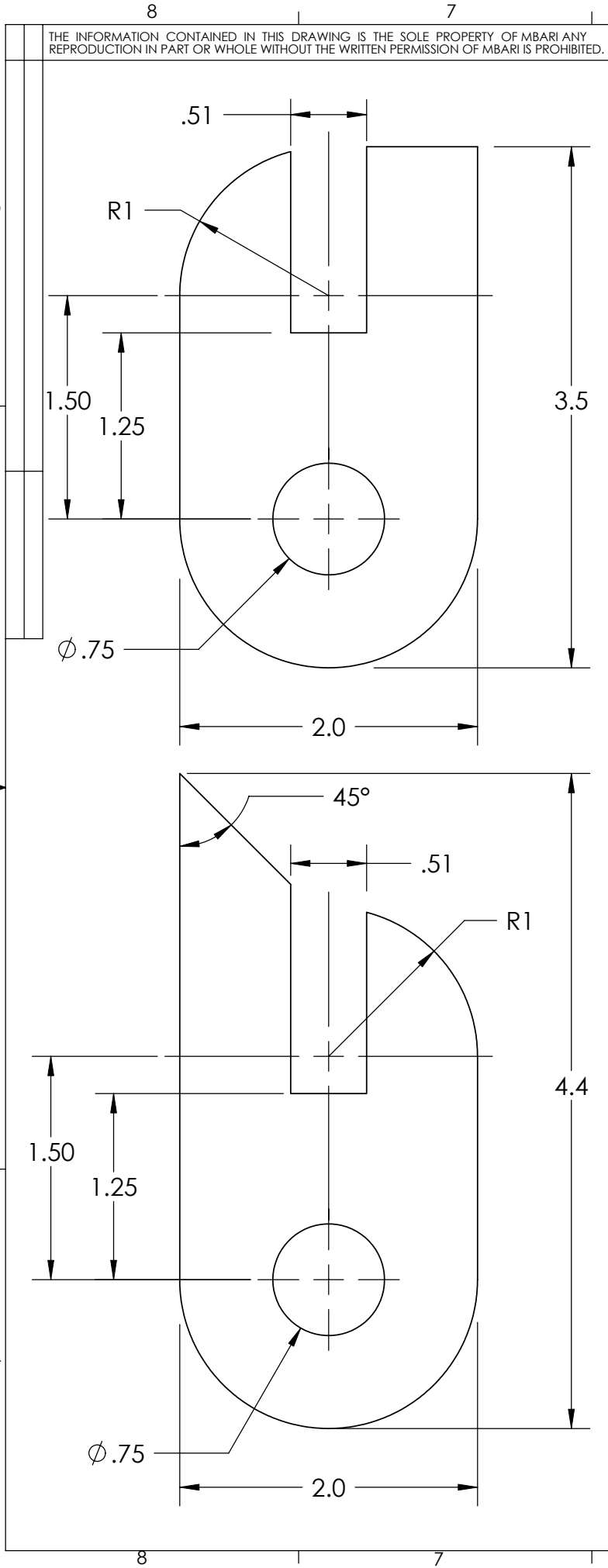




5	1		Welded Frame Assy	1/2" 316 Stainless rod
4	1		15m Frame Eye (Bottom)	1/2" 316 Stainless plate
3	1		15m Frame Eye (Top)	1/2" 316 Stainless plate
2	2		15m Fluorometer Clamp	1" Delrin plate (black)
1	2		15 m ISUS Clamp	1" Delrin plate (black)
Item No.	Qty	Part No.	Description	Material Specification

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 Hans Jannasch	3/7/08	MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
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.				ENGINEER				
Engineer						CHECKED				
						PROJECT NO. 701144				
NEXT ASSY Description	NEXT ASSY Number					PROJECT NSF: LOBO		197jaha-15mFrame 15m Bay LOBO Instrument Frame		
Application		DO NOT SCALE DRAWING				WEIGHT	SIZE B		DWG. NO. 197jaha.DWG	REV.
						SCALE 1:3		CAD FILE: Tornado/chem/SWfiles	SHEET 1 OF 2	



5	1		Welded Frame Assy	1/2" 316 Stainless rod
4	1		15m Frame Eye (Bottom)	1/2" 316 Stainless plate
3	1		15m Frame Eye (Top)	1/2" 316 Stainless plate
Item No.	Qty	Part No.	Description	Material Specification

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 Hans Jannasch 3/7/08			
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.				ENGINEER	MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 701144			
						PROJECT NSF: LOBO	197jaha-15mFrame 15m Bay LOBO Instrument Frame		
Application		DO NOT SCALE DRAWING				WEIGHT	SIZE B	DWG. NO. 197jaha.DWG	REV.
							SCALE 1:3	CAD FILE: Tornado/chem/SWfiles	SHEET 2 OF 2

Monterey Bay Aquarium Research Institute
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197jaha-15mFrame
15m Bay LOBO Instrument Frame