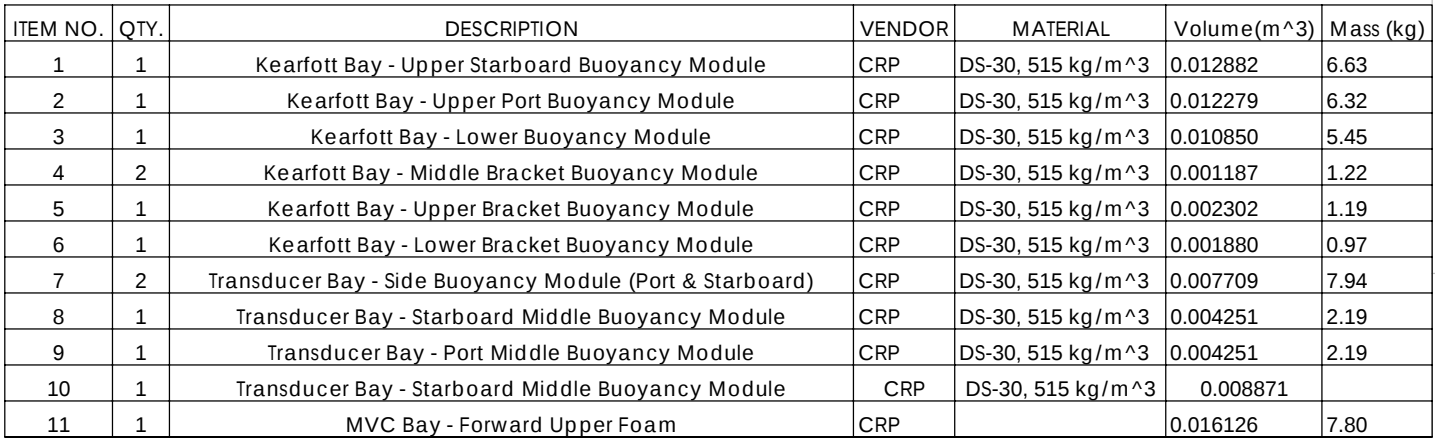
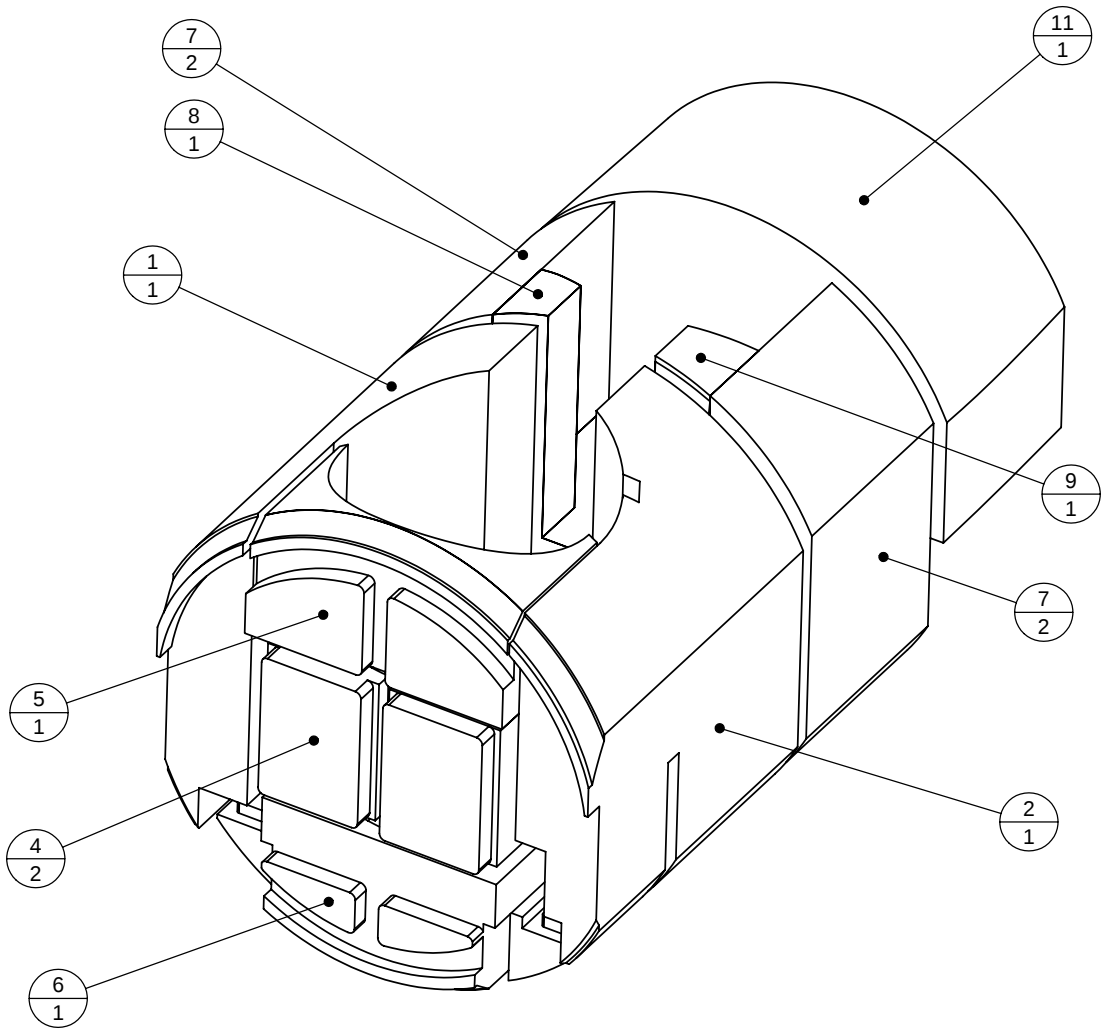


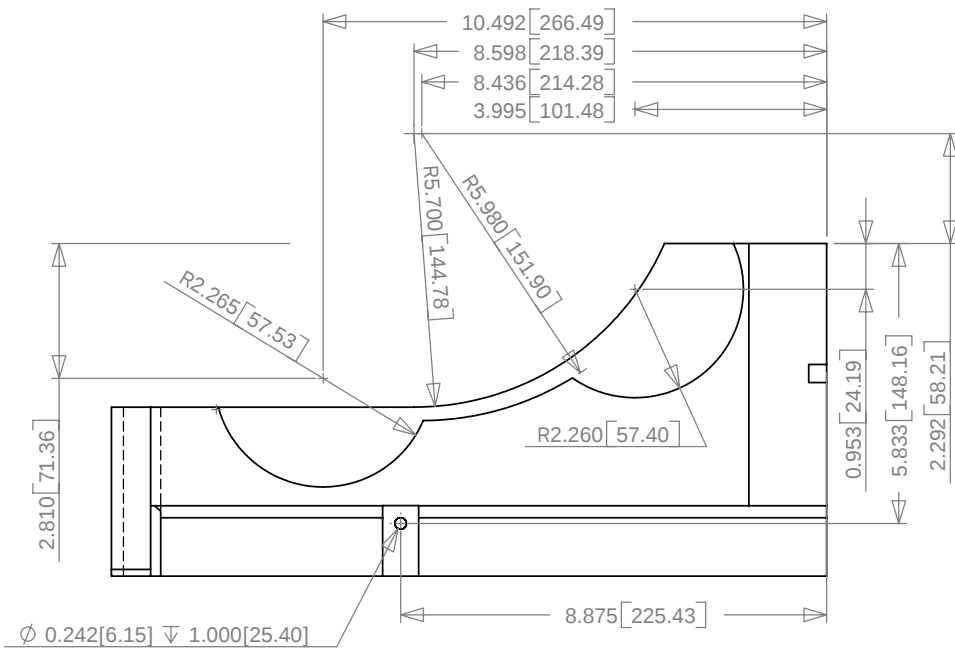
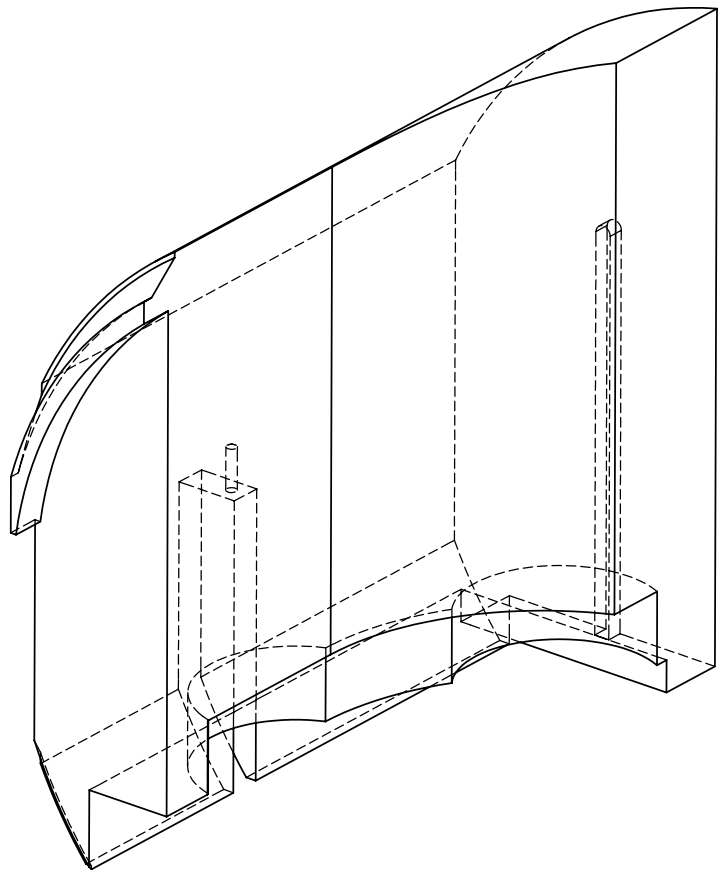
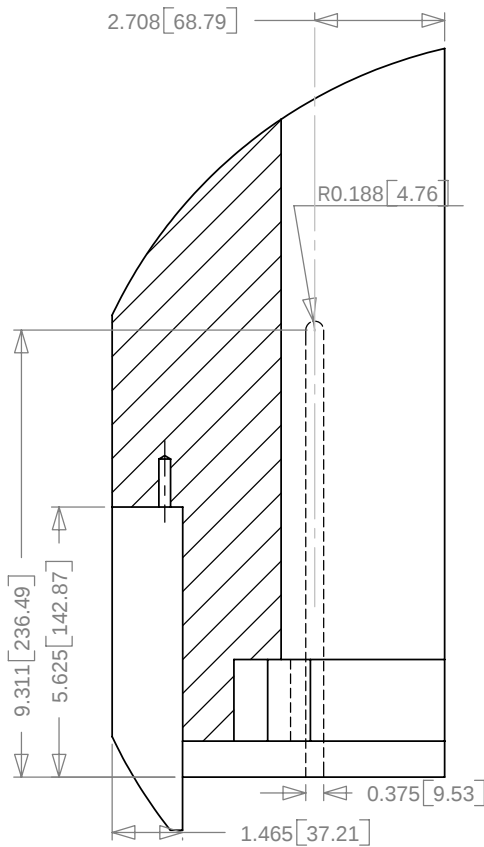
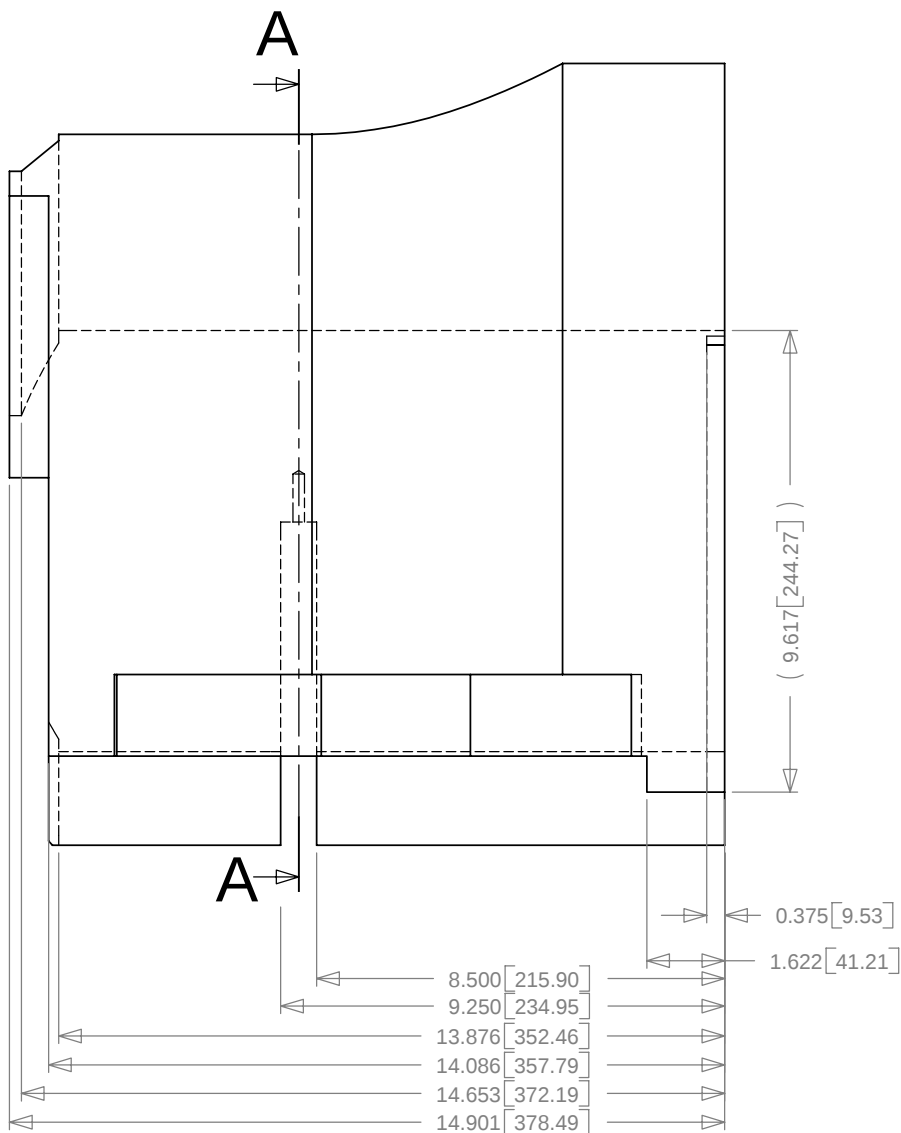
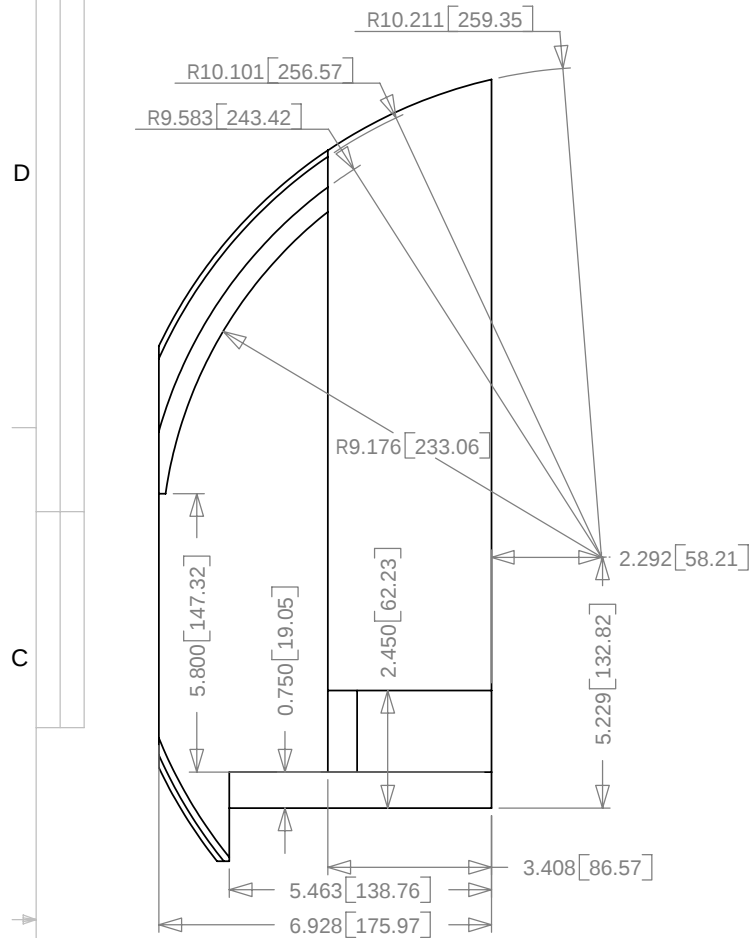


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Seafloor Mapping Tail - Syntactic Foam Assembly			
SIZE B	DWG. NO. 1002155	REV.	
SCALE 1:7 CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 10			

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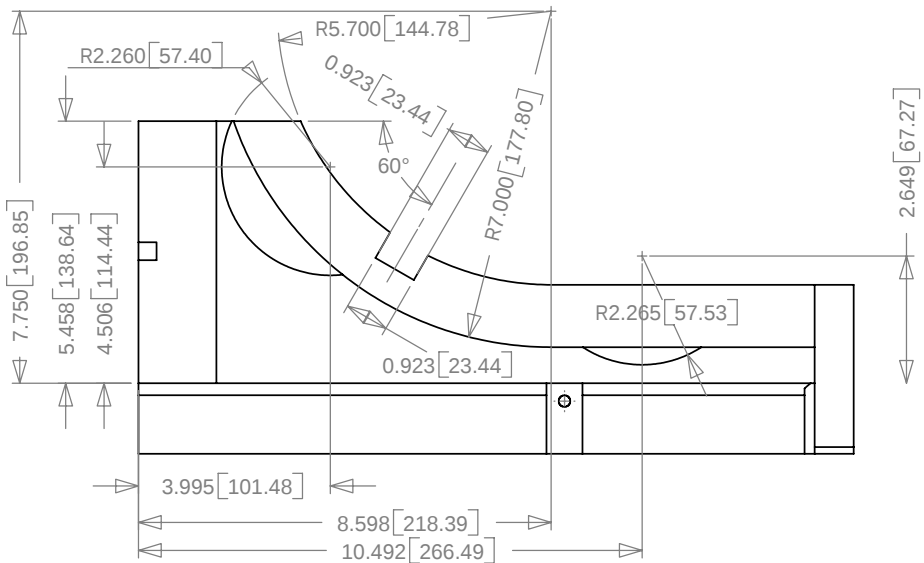
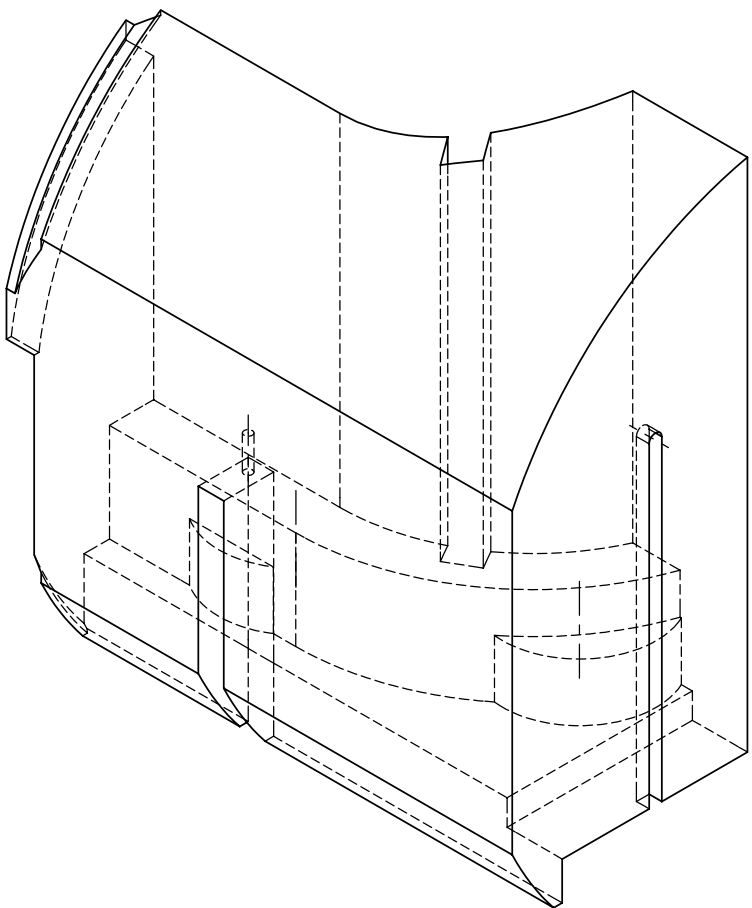
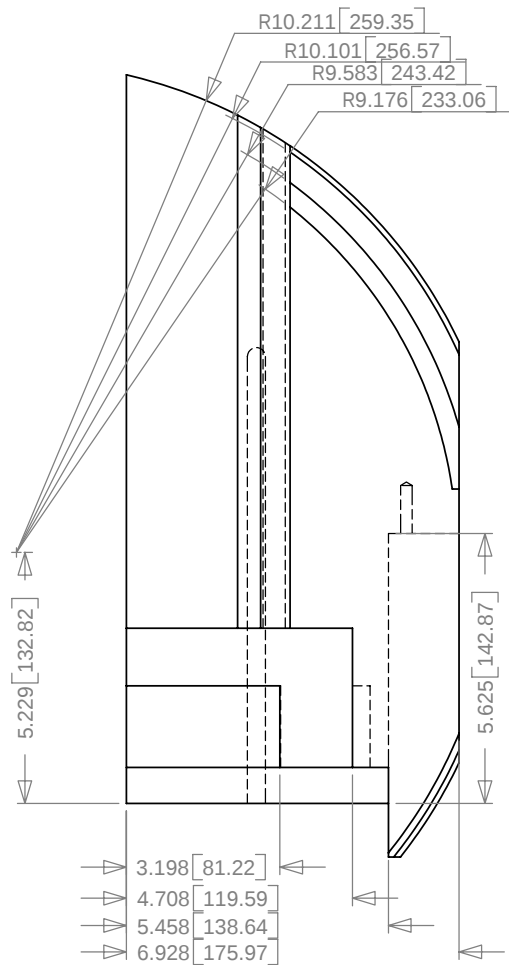
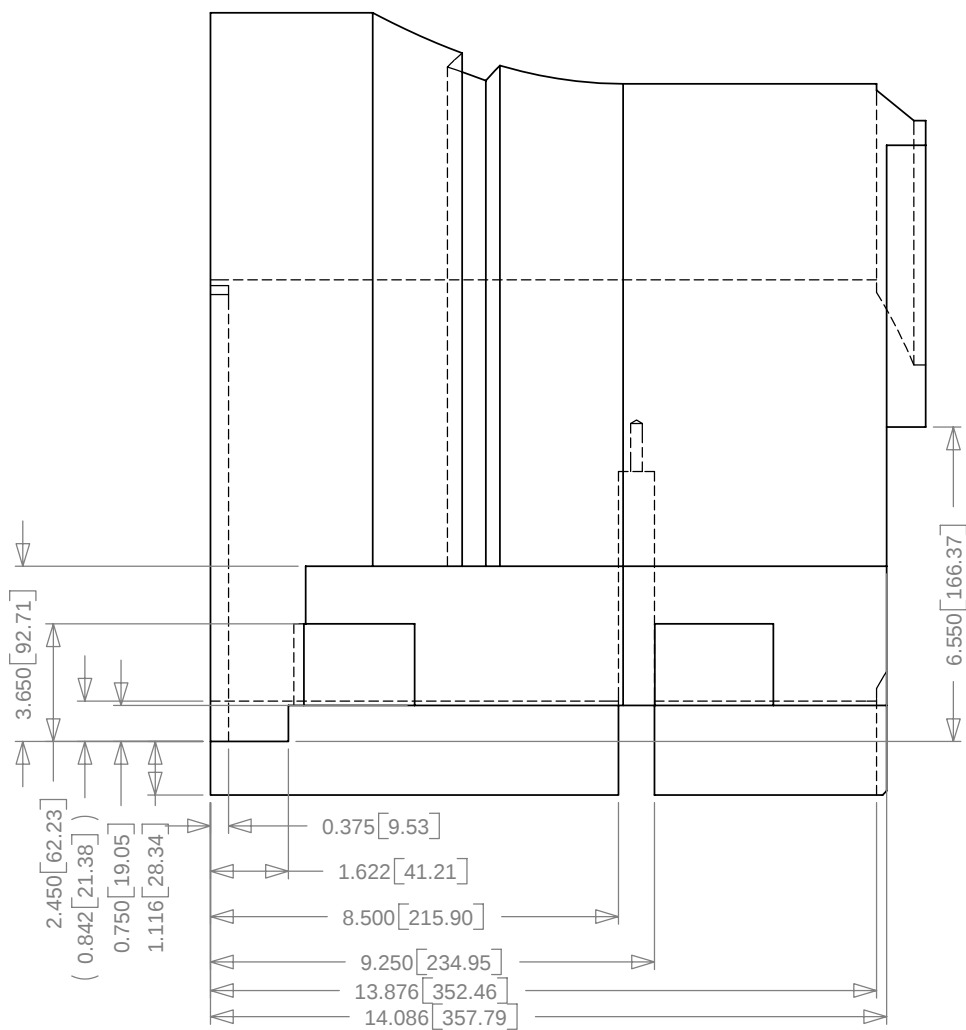
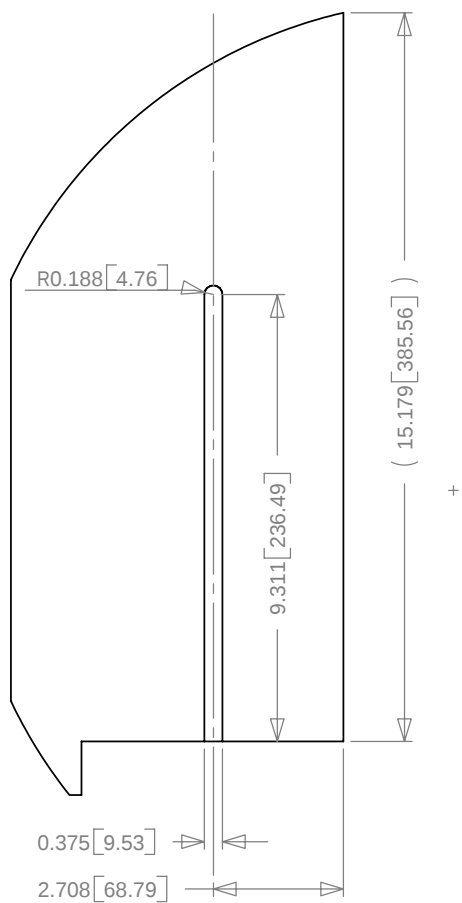
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



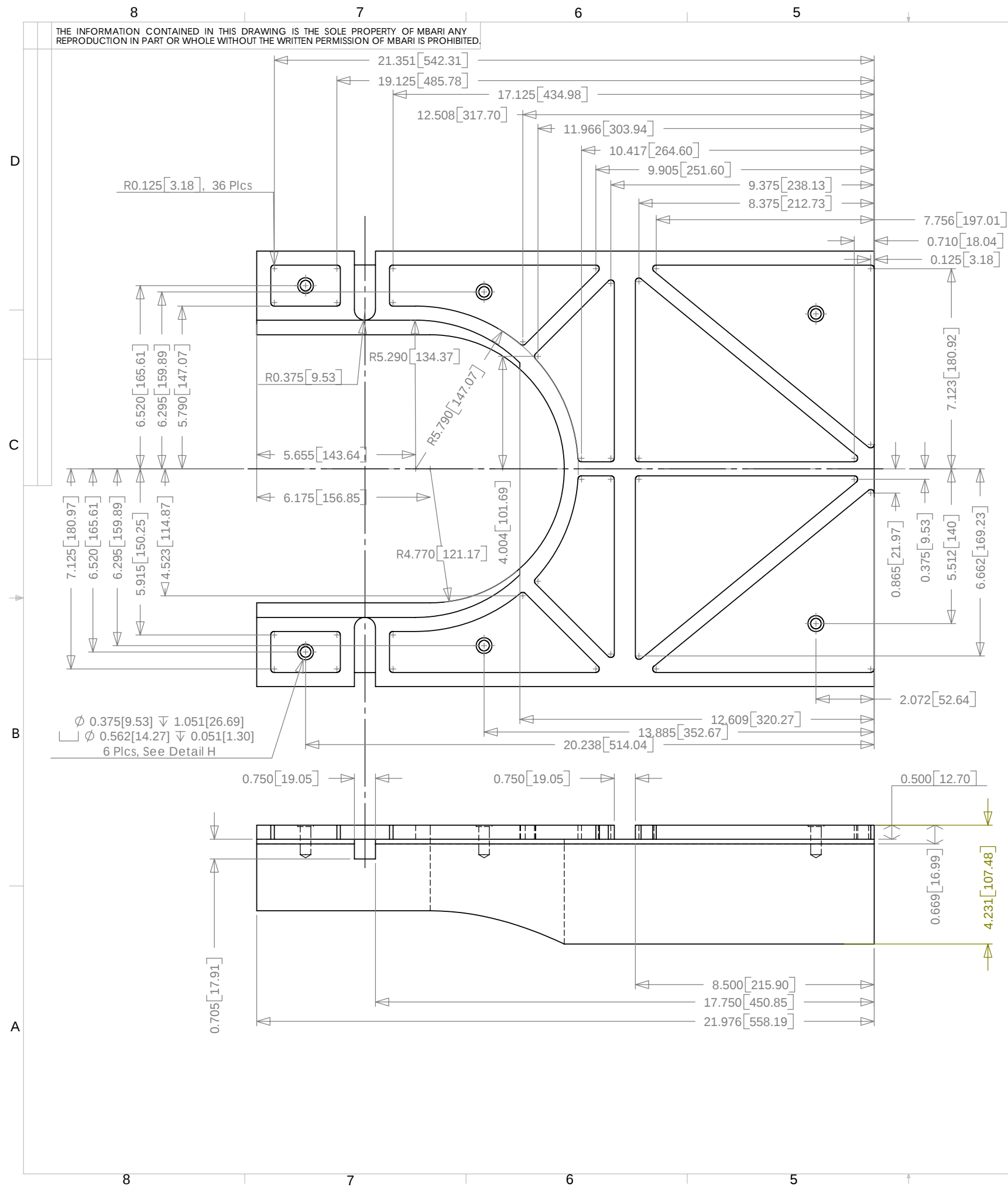
BILL OF MATERIALS											
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Hans Thomas	10/24/03			
Shop Foreman		1. DIMENSIONS ARE IN INCHES[MILLIMETERS] 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	Hans Thomas	10/24/03			
Engineer						CHECKED					
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	200107				
		PROJECT	Seafloor Mapping							Kearfott Bay Upper Starboar Buoyancy Module	
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B	DWG. NO.	1002134	REV.
								SCALE	1:4	CAD FILE: MECH ENG ON TORNADO	SHEET 2 OF 10

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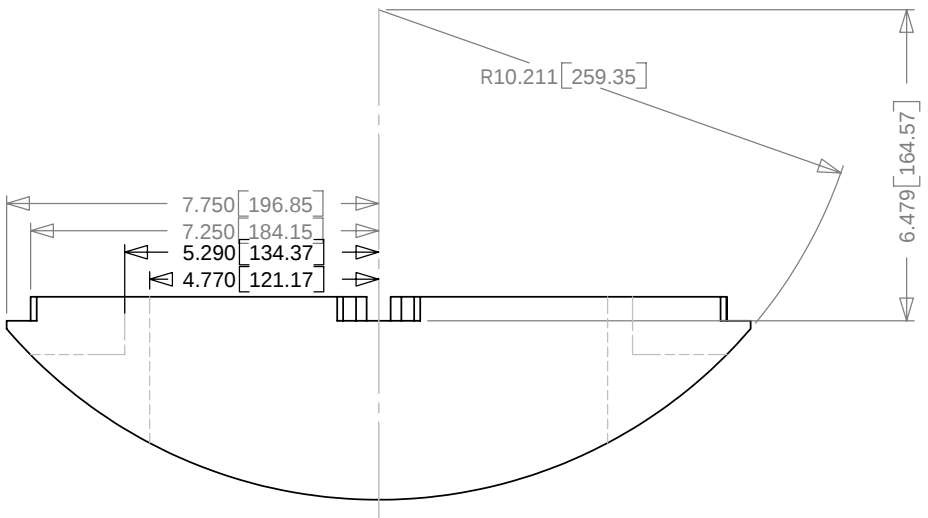
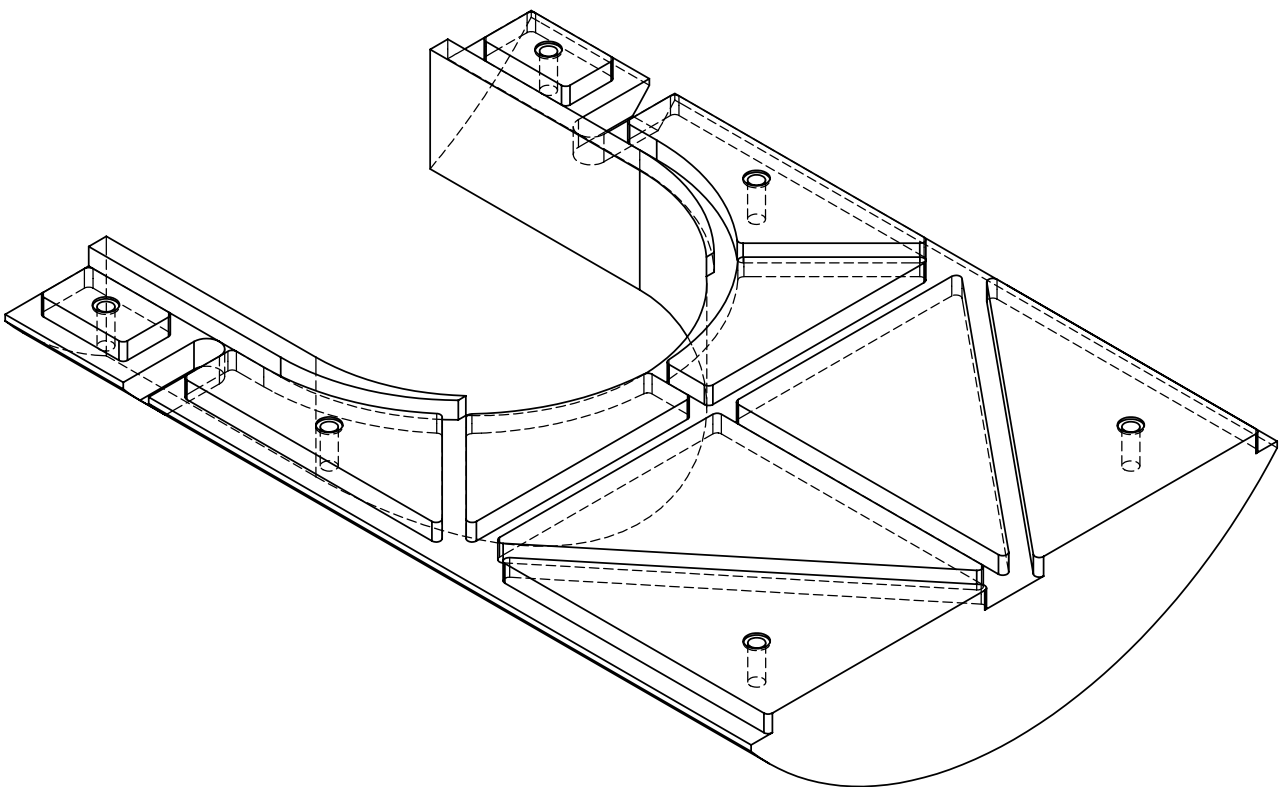
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REV.	DESCRIPTION	DATE	APPROVED
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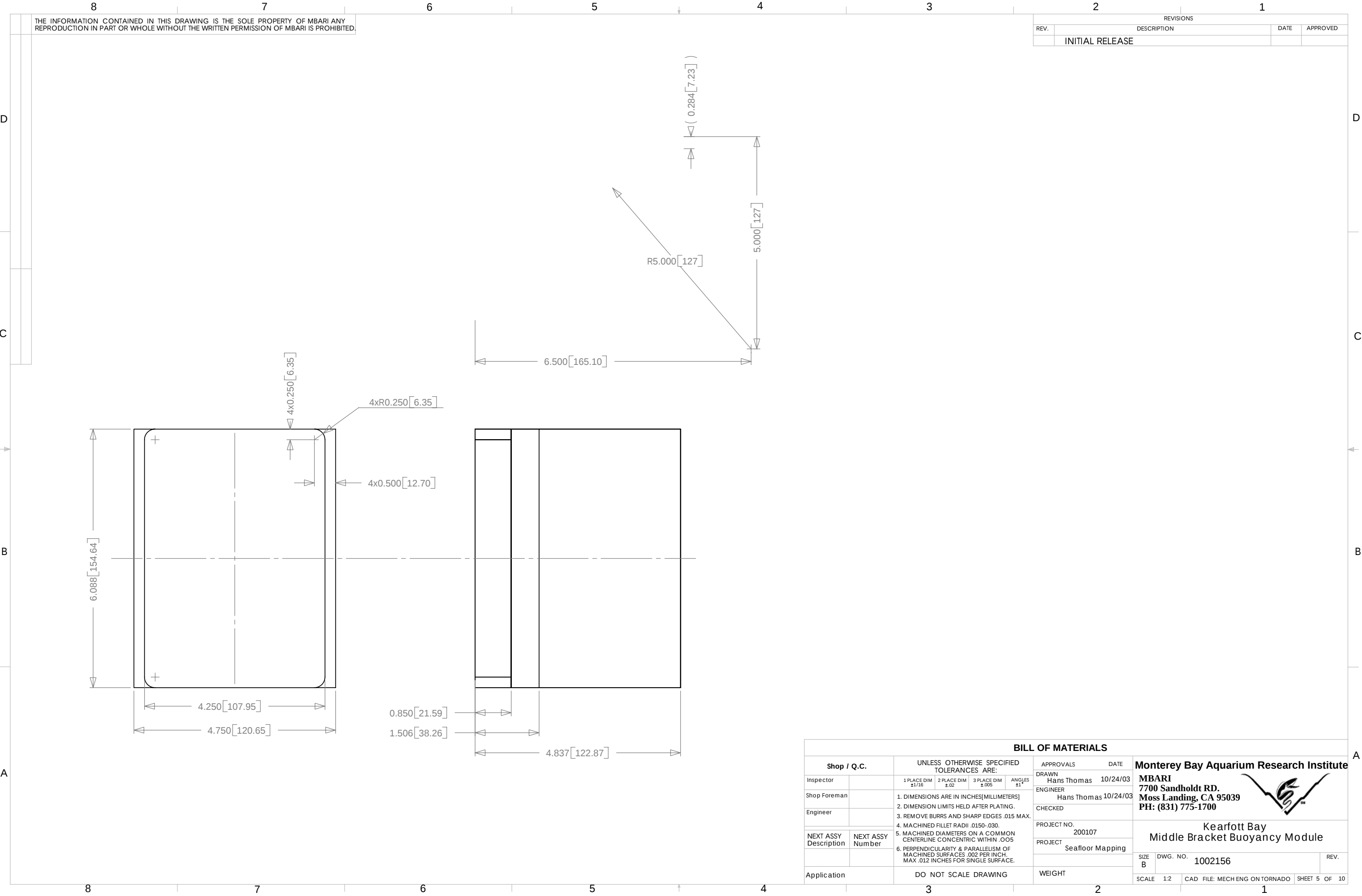
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Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±1/32	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Hans Thomas 10/24/03		
Shop Foreman		1. DIMENSIONS ARE IN INCHES[MILLIMETERS] 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILET 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	Hans Thomas 10/24/03		
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	200107		
		PROJECT	Seafloor Mapping			 Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 Kearfott Bay Upper Port Buoyancy Module			
Application		DO NOT SCALE DRAWING			WEIGHT				
		SIZE B	DWG. NO. 1002154					REV.	
		SCALE 1:4	CAD FILE: MECH ENG ON TORNADO			SHEET 3		OF 10	

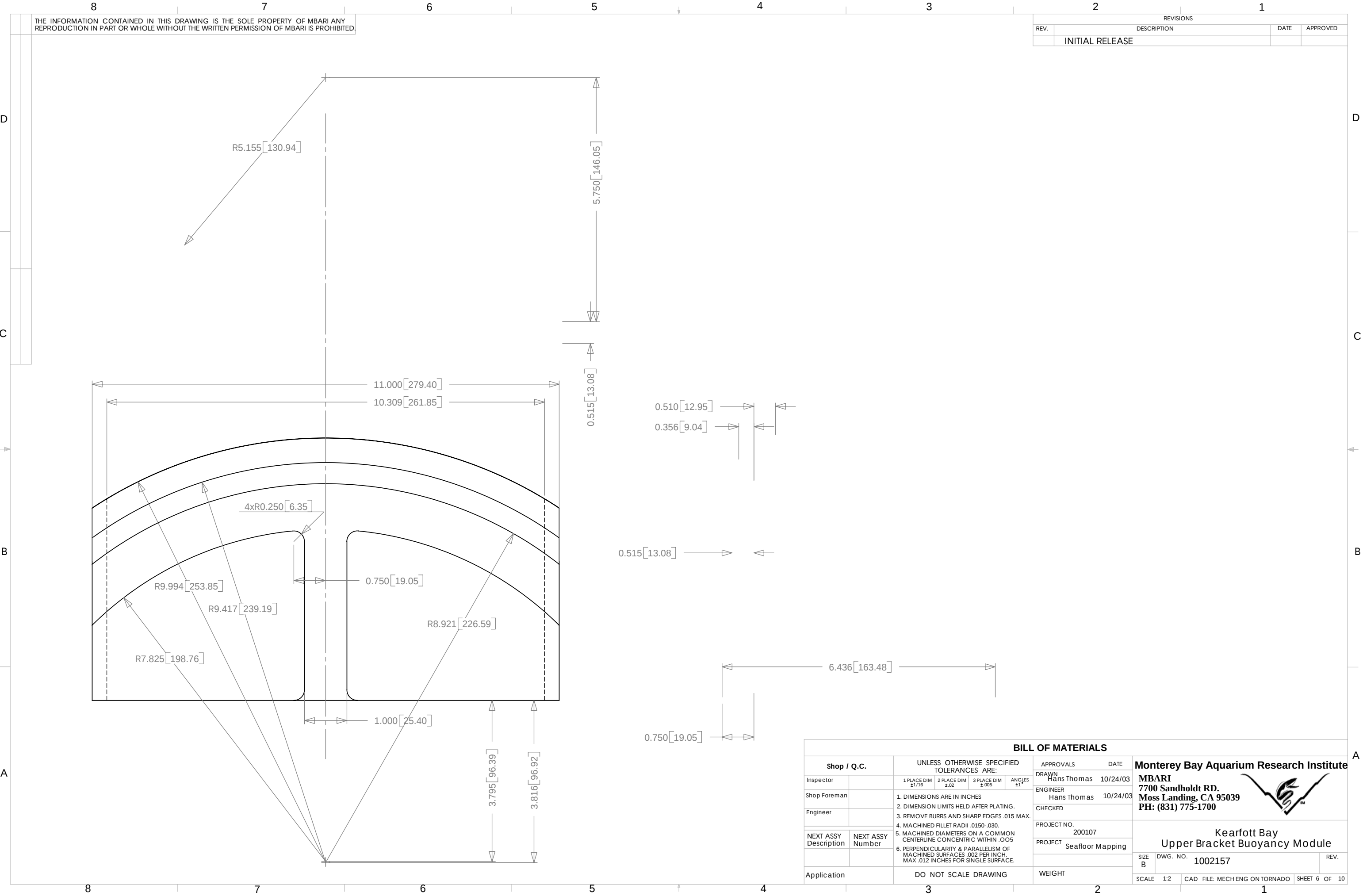


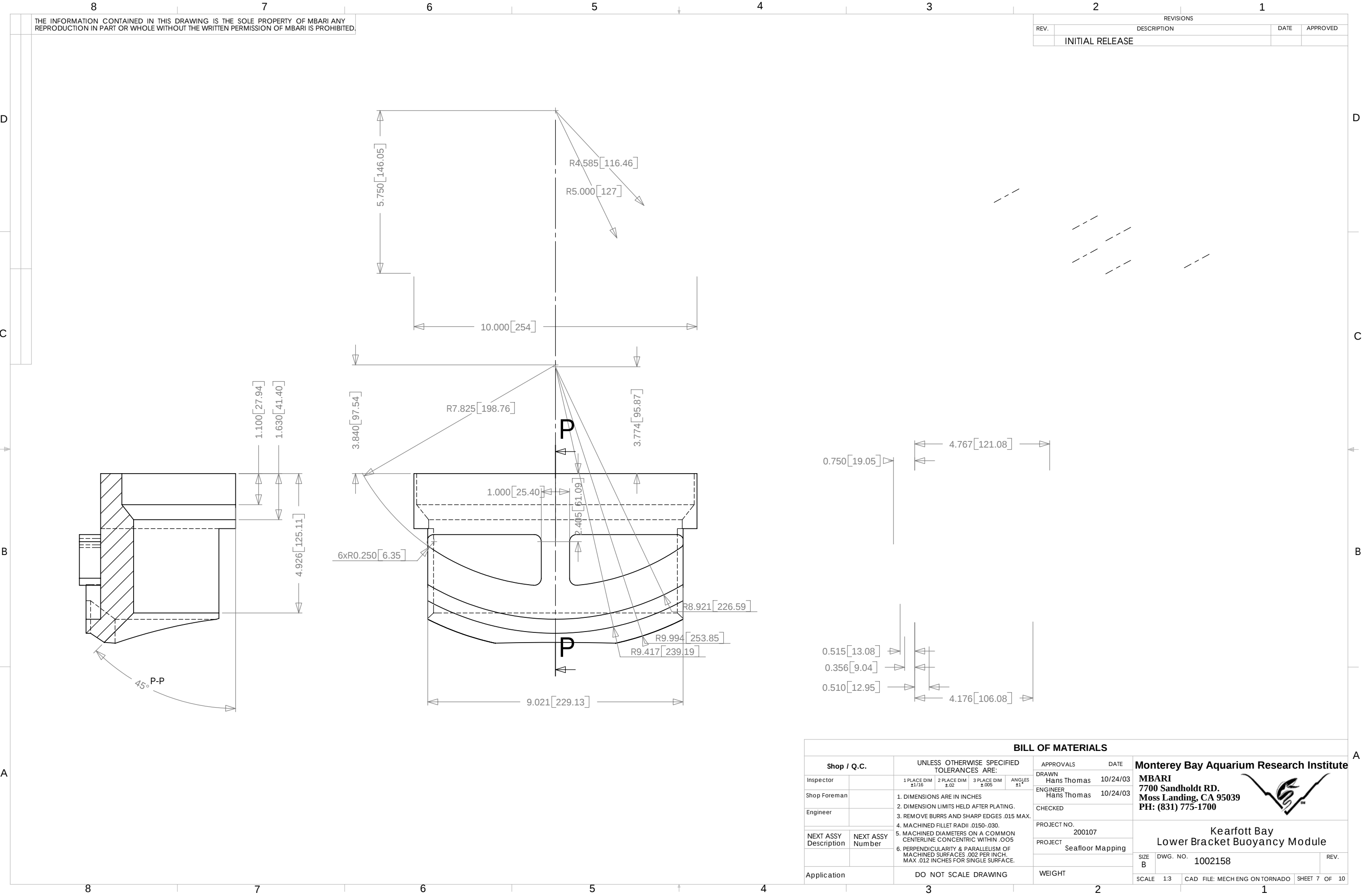
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



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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 Thomas	10/20/03				
Shop Foreman		1. DIMENSIONS ARE IN INCHES[MILLIMETERS] 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADIII .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 Thomas	10/20/03	Kearfott Bay Lower Buoyancy Module				
Engineer					CHECKED						
NEXT ASSY Description	NEXT ASSY Number				PROJECT NO. 200107	PROJECT Seafloor Mapping					
Application		DO NOT SCALE DRAWING			WEIGHT		SIZE B		DWG. NO. 1002130		REV.
		3			2		SCALE 1:4		CAD FILE: MECH ENG ON TORNADO		SHEET 4 OF 10
									1		







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REV.	DESCRIPTION	DATE	APPROVED
INITIAL RELEASE			

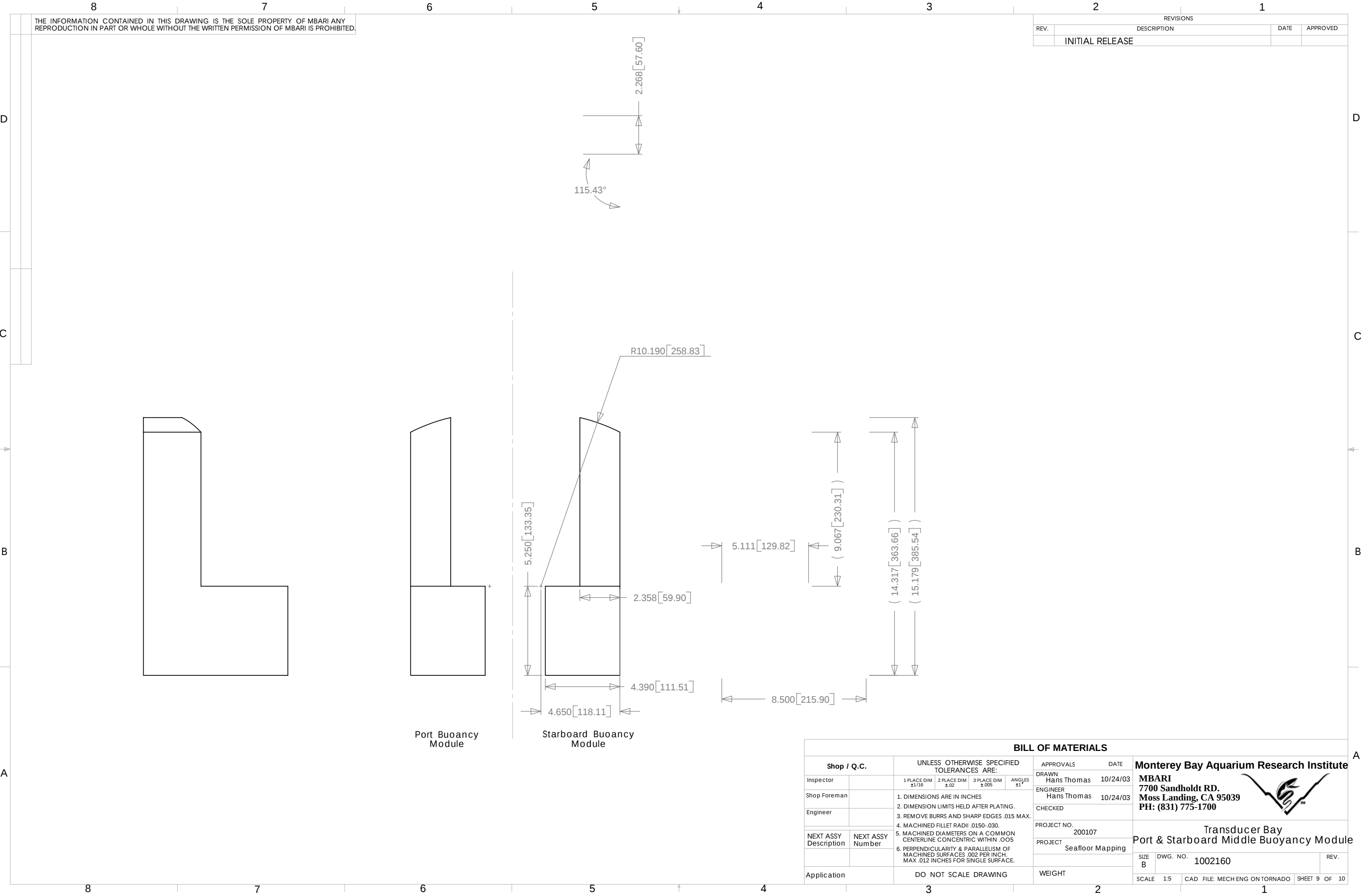
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Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Hans Thomas	10/24/03	
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .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	Hans Thomas	10/24/03	
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.		200107	
						PROJECT		Seafloor Mapping	
Application		DO NOT SCALE DRAWING				WEIGHT			

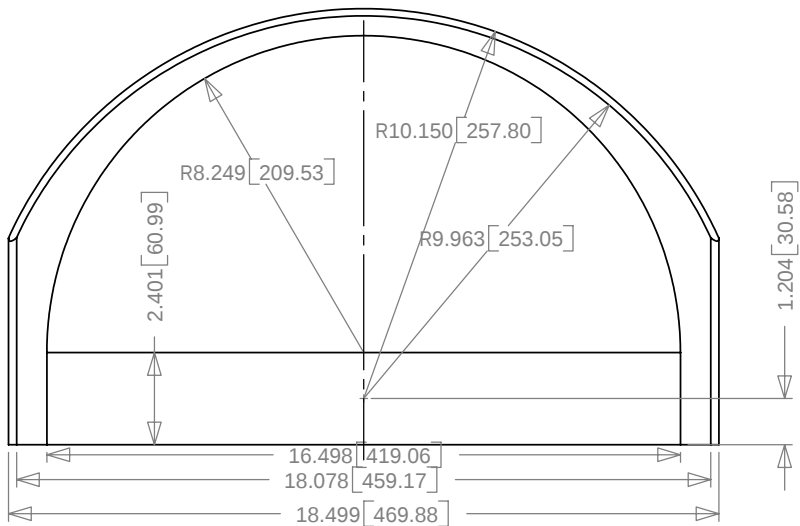
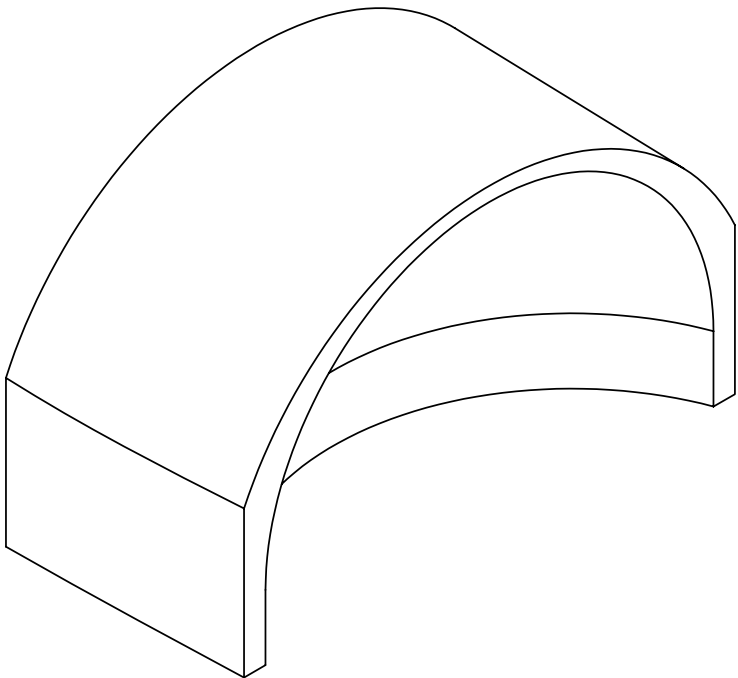
Monterey Bay Aquarium Research Institute									
MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700									
									
Kearfott Bay Lower Bracket Buoyancy Module									
SIZE B	DWG. NO. 1002158		REV.						
SCALE 1:3	CAD	FILE: MECH ENG ON TORNADO	SHEET 7	OF	10				



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Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Hans Thomas	10/24/03				
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILET RADII .0150- .030.				ENGINEER Hans Thomas	10/24/03				
Engineer						CHECKED					
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				PROJECT NO. 200107		MVC Bay Forward Upper Foam			
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX. .012 INCHES FOR SINGLE SURFACE.				PROJECT Seafloor Mapping					
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B	DWG. NO.	1002161	REV.
								SCALE	1:5	CAD FILE: MECH ENG ON TORNADO	SHEET 10 OF 10