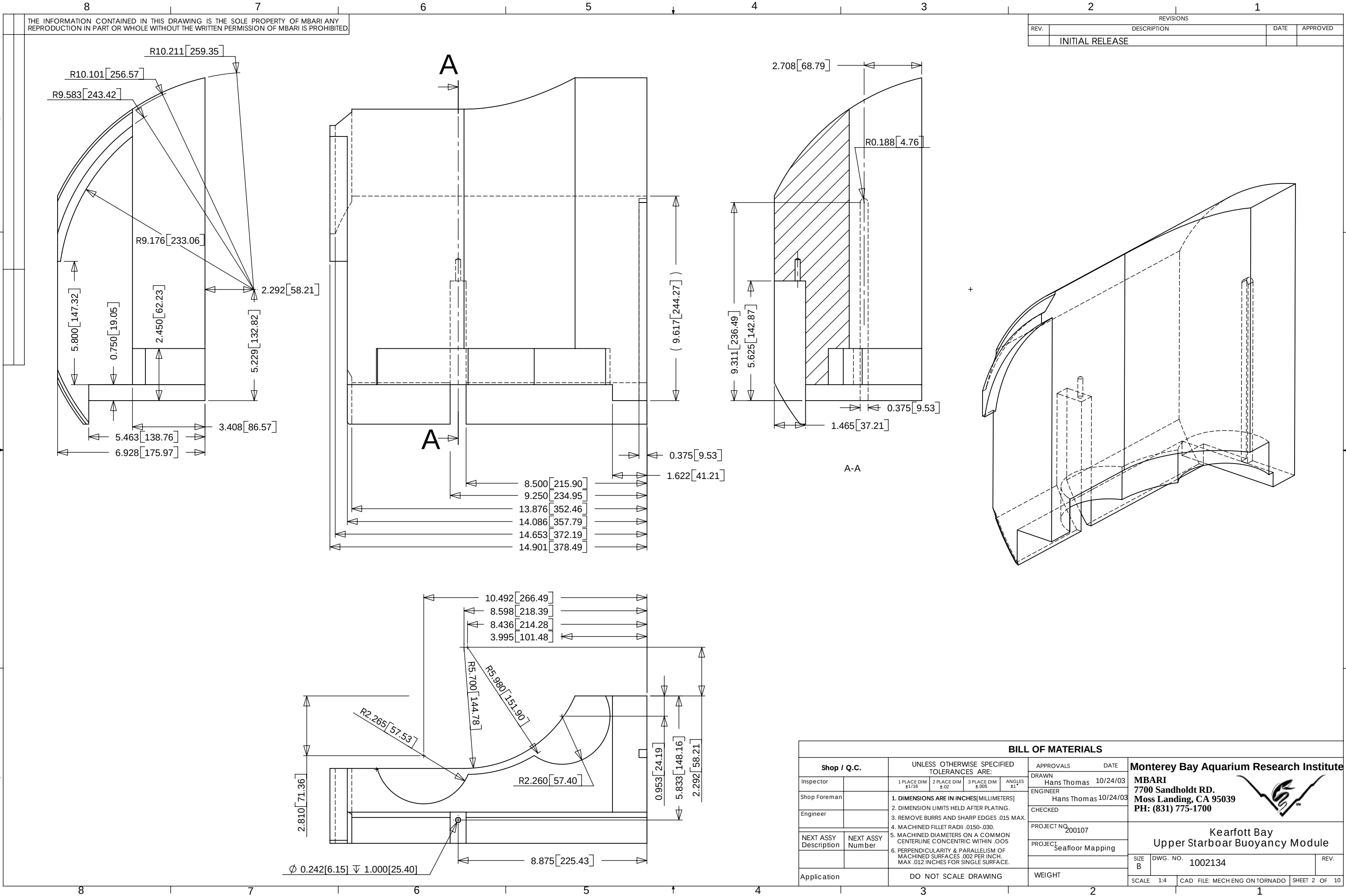




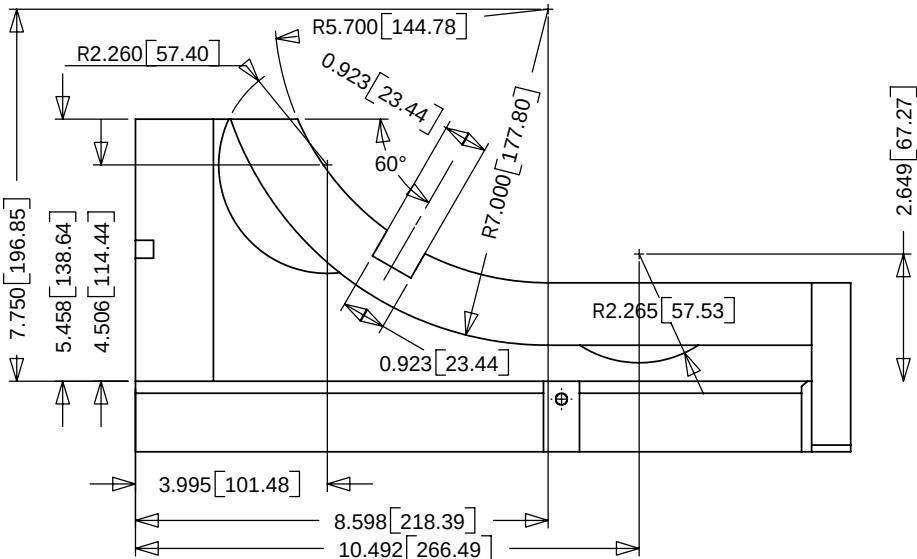
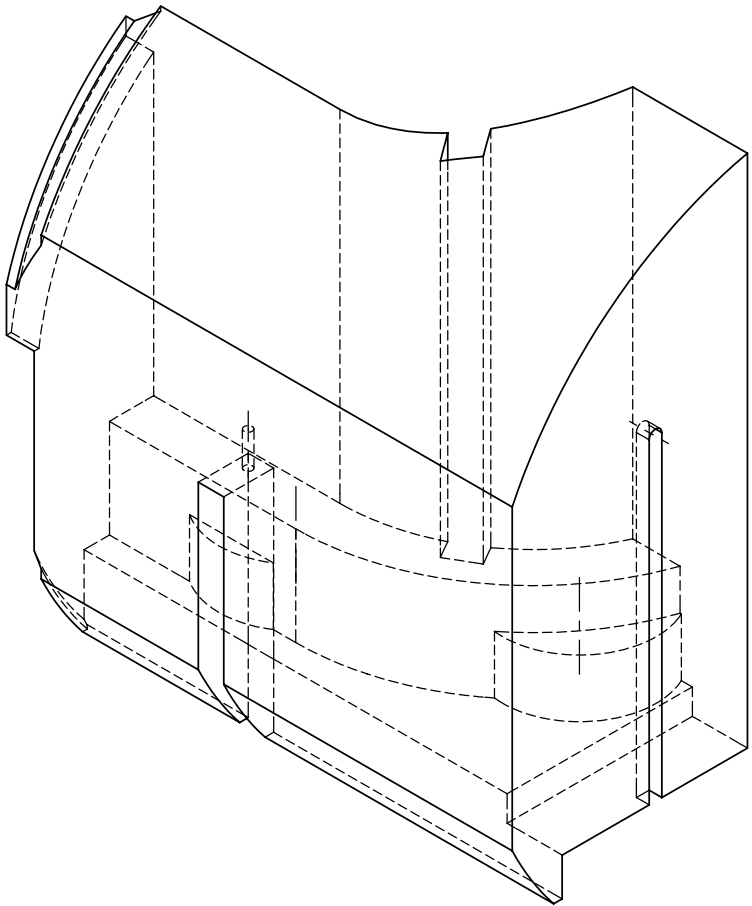
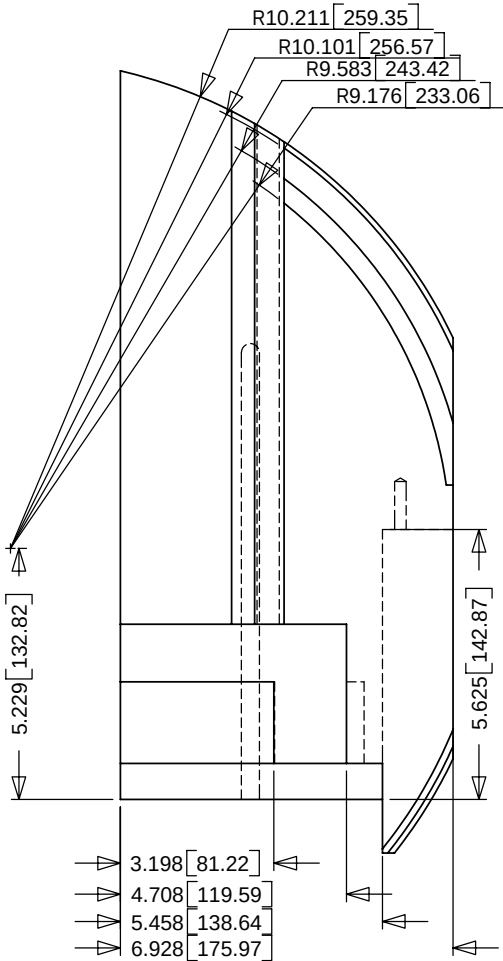
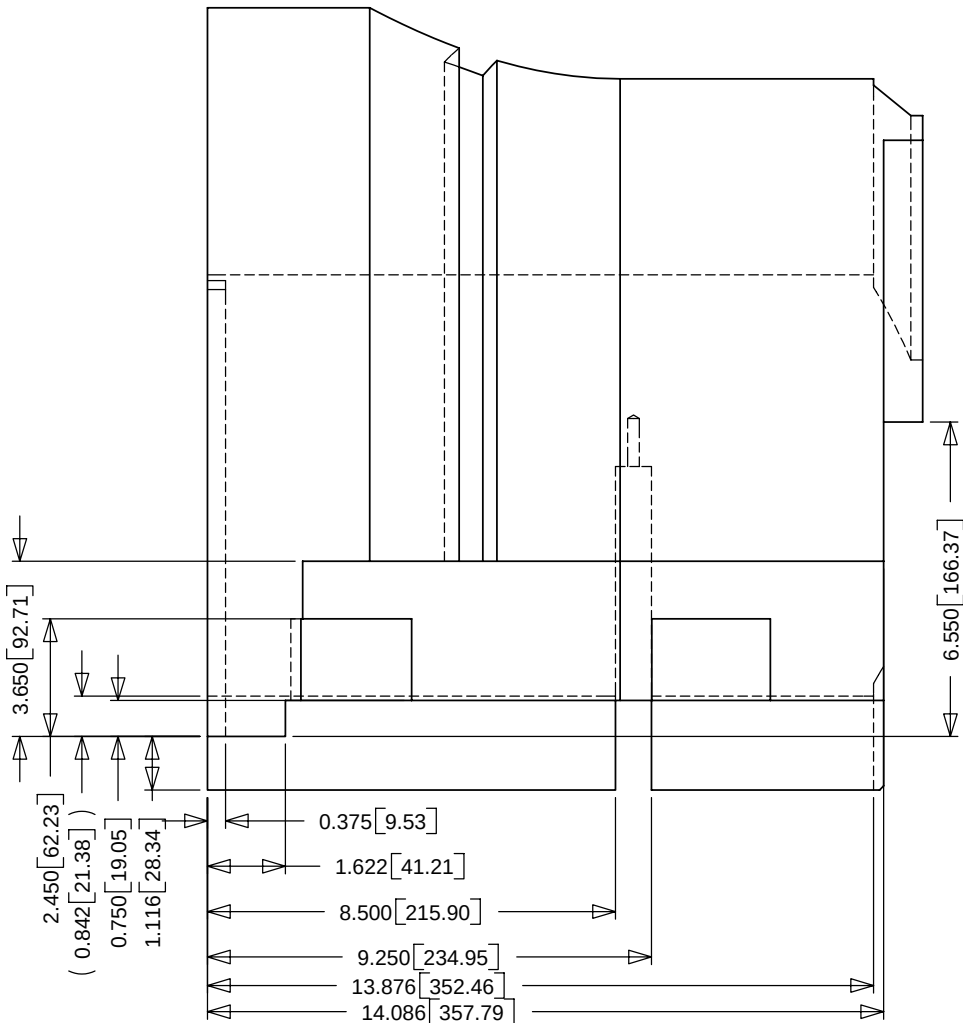
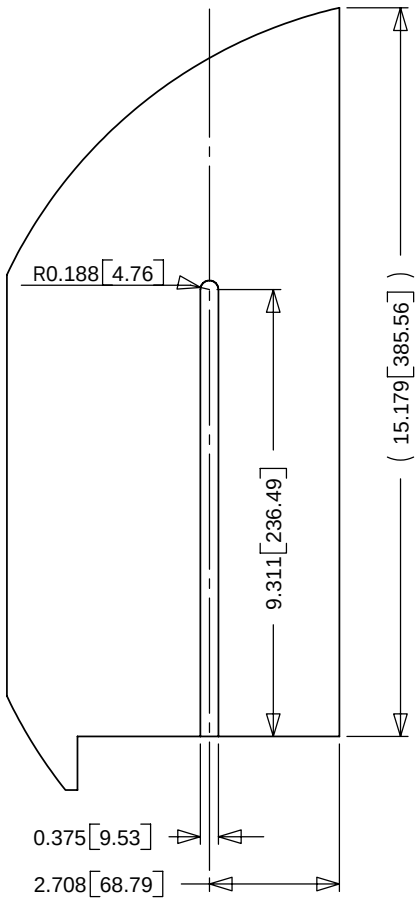
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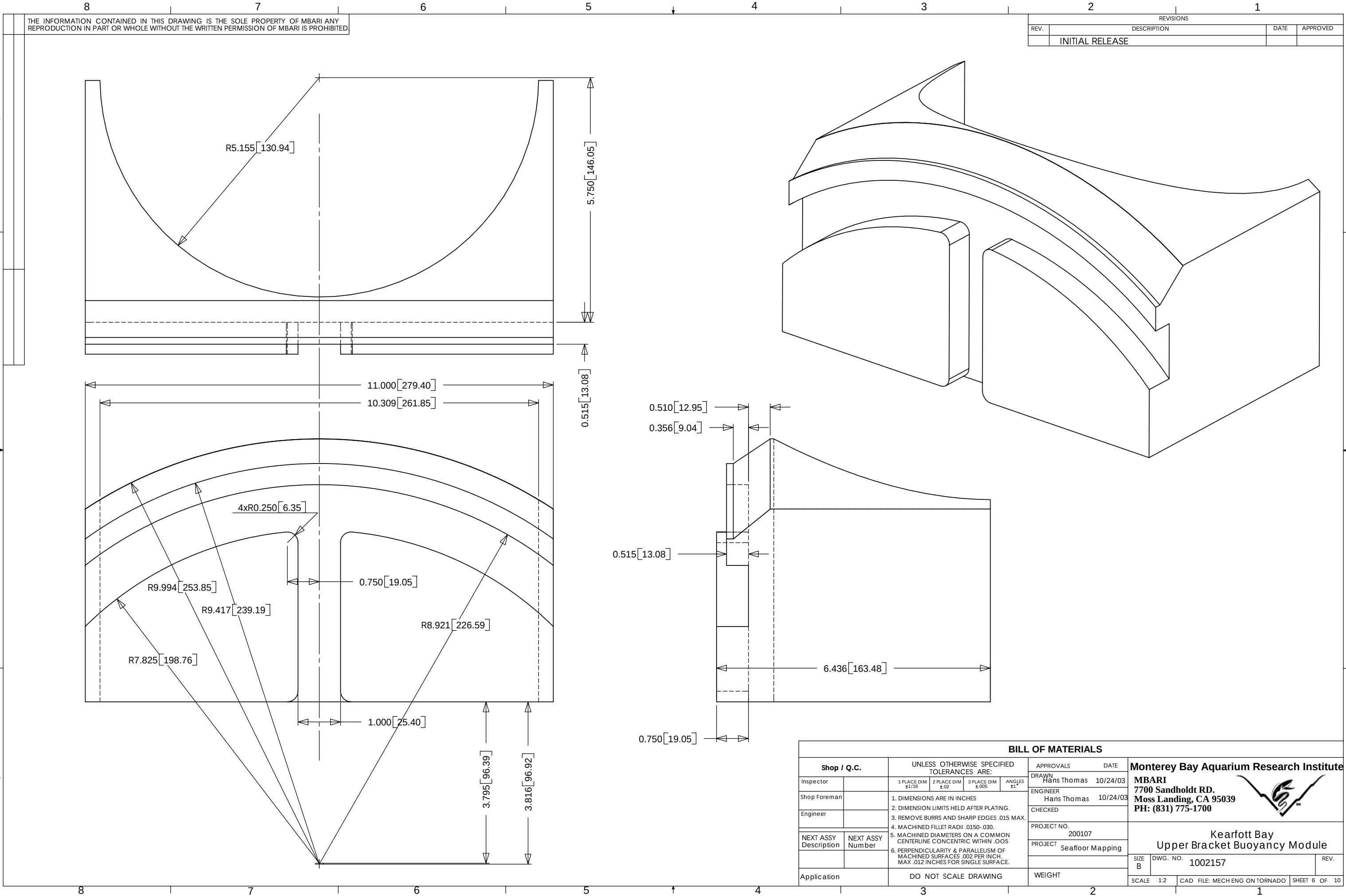
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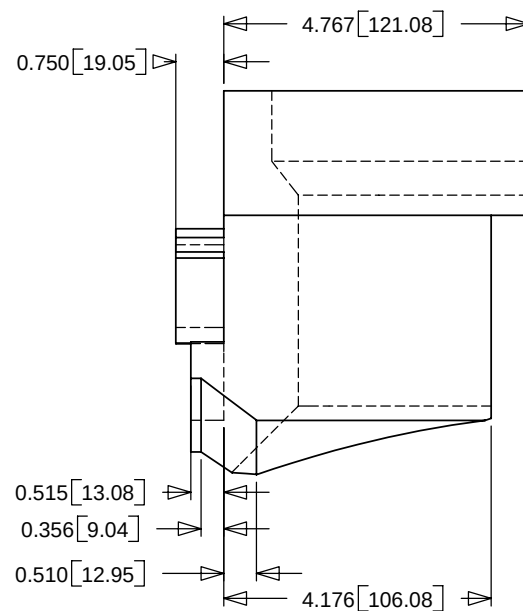
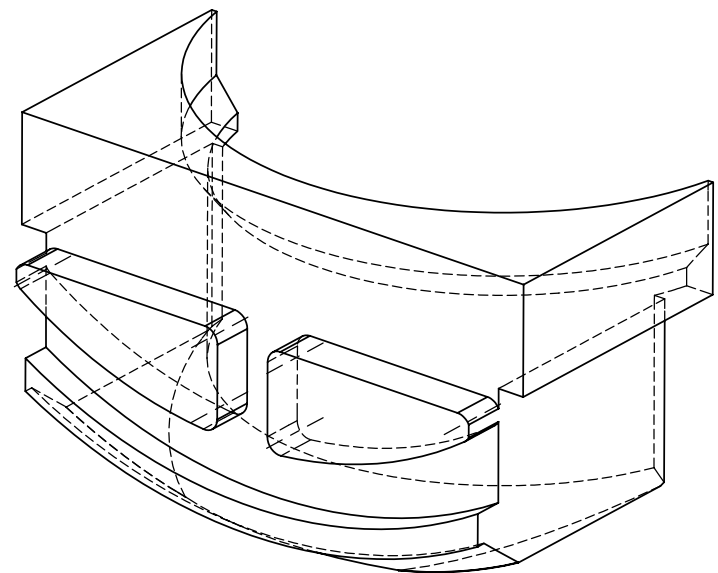
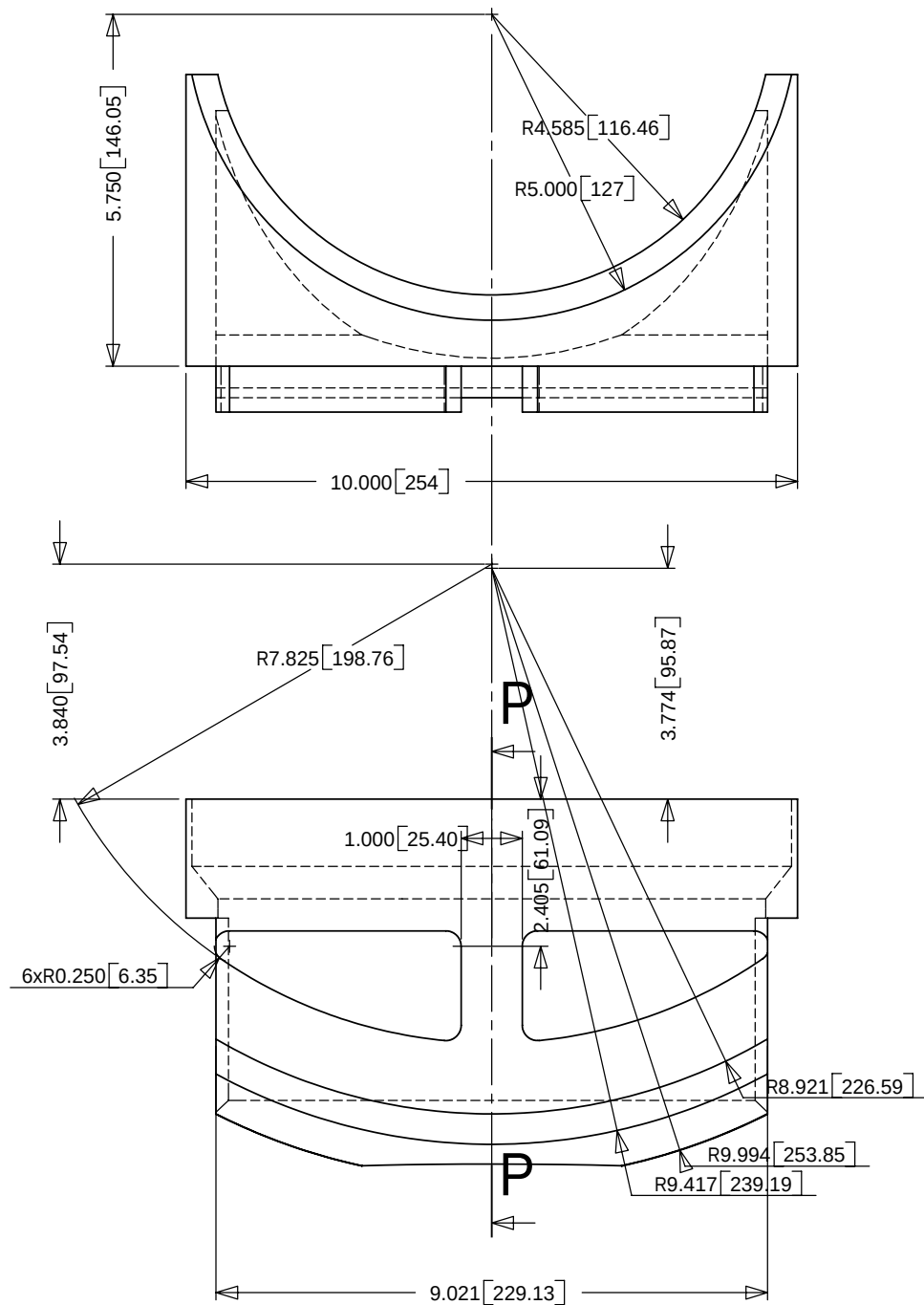
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Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	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		Kearfott Bay Upper Port Buoyancy Module		
						PROJECT		Seafloor Mapping				
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





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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.				ENGINEER Hans Thomas	10/24/03					
Engineer						CHECKED						
NEXT ASSY Description	NEXT ASSY Number	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.				PROJECT NO. 200107		Kearfott Bay Lower Bracket Buoyancy Module				
						PROJECT Seafloor Mapping						
Application		DO NOT SCALE DRAWING			WEIGHT		SIZE B		DWG. NO. 1002158		REV.	
							SCALE 1:3		CAD FILE: MECH ENG ON TORNADO		SHEET 7 OF 10	

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DESCRIPTION

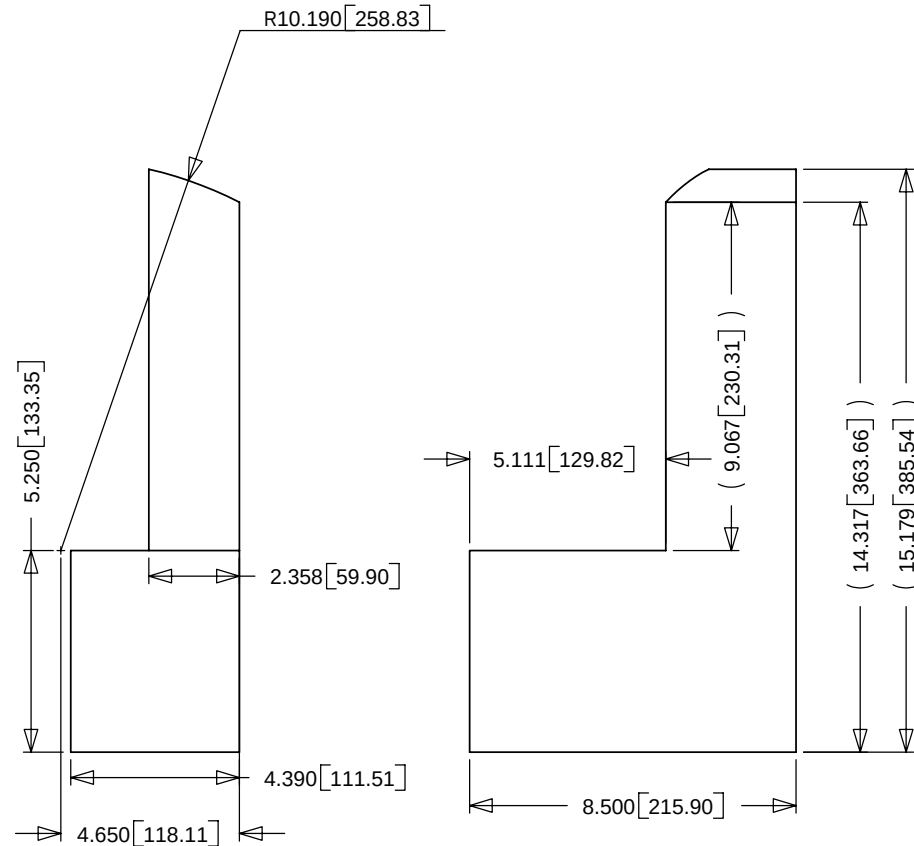
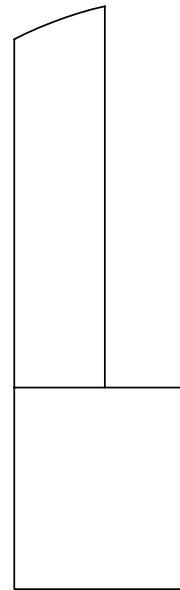
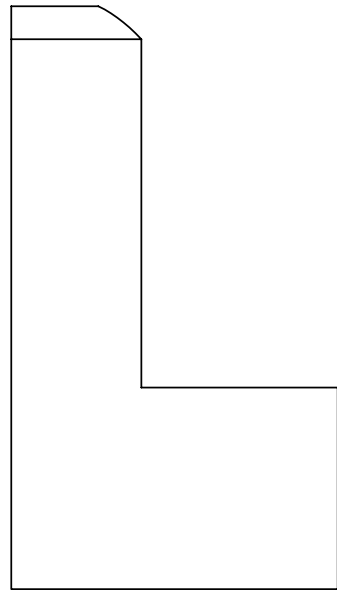
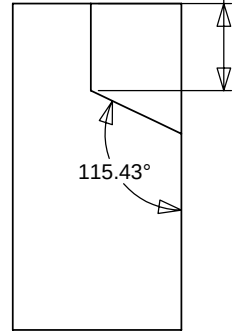
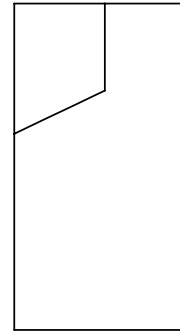
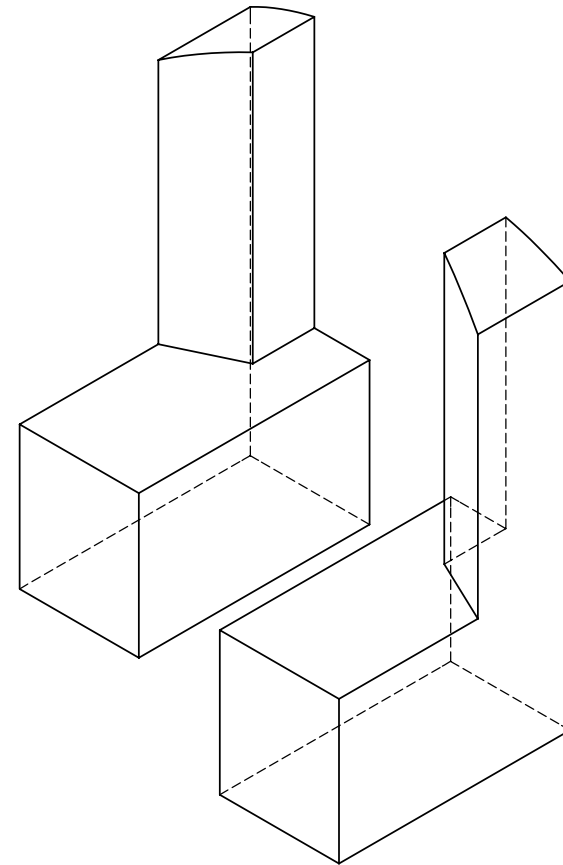
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Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Hans Thomas	10/24/03				
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADIUS .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						PROJECT NO. 200107		Transducer Bay Port & Starboard Middle Buoyancy Module			
NEXT ASSY Description	NEXT ASSY Number	PROJECT Seafloor Mapping									
				SIZE B	DWG. NO. 1002160	REV.					
Application		DO NOT SCALE DRAWING				WEIGHT		SCALE 1:5		CAD FILE: MECH ENG ON TORNADO	SHEET 9 OF 10

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Moss Landing, CA 95039
PH: (831) 775-1700



Transducer Bay Port & Starboard Middle Buoyancy Module

SIZE B	DWG. NO. 1002160	REV.
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18.499 [469.88] 18.078 [459.17] R8.600 [218.44] 8.561 [217.44] 11.604 [294.75] 2.401 [60.99] (3.004 [76.31]) 16.087 [408.60] 18.078 [459.17] 18.499 [469.88] R10.150 [257.80] R8.043 [204.30] R9.963 [253.05] 2.401 [60.99] 1.204 [30.58]

Shop / Q.C.

Inspector

Shop Foreman

Engineer

NEXT ASSY Description NEXT ASSY Number

Application

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

1 PLACE DIM ±1/16 2 PLACE DIM ±.02 3 PLACE DIM ±.005 ANGLES ±1°

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.

APPROVALS DATE

DRAWN Hans Thomas 10/24/03

ENGINEER Hans Thomas 10/24/03

CHECKED

PROJECT NO. 200107

PROJECT Seafloor Mapping

WEIGHT

DO NOT SCALE DRAWING

Monterey Bay Aquarium Research Institute

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Moss Landing, CA 95039

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MVC Bay

Forward Upper Foam

SIZE B DWG. NO. 1002161 REV.

SCALE 1:5 CAD FILE: MECH ENG ON TORNADO SHEET 10 OF 10

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