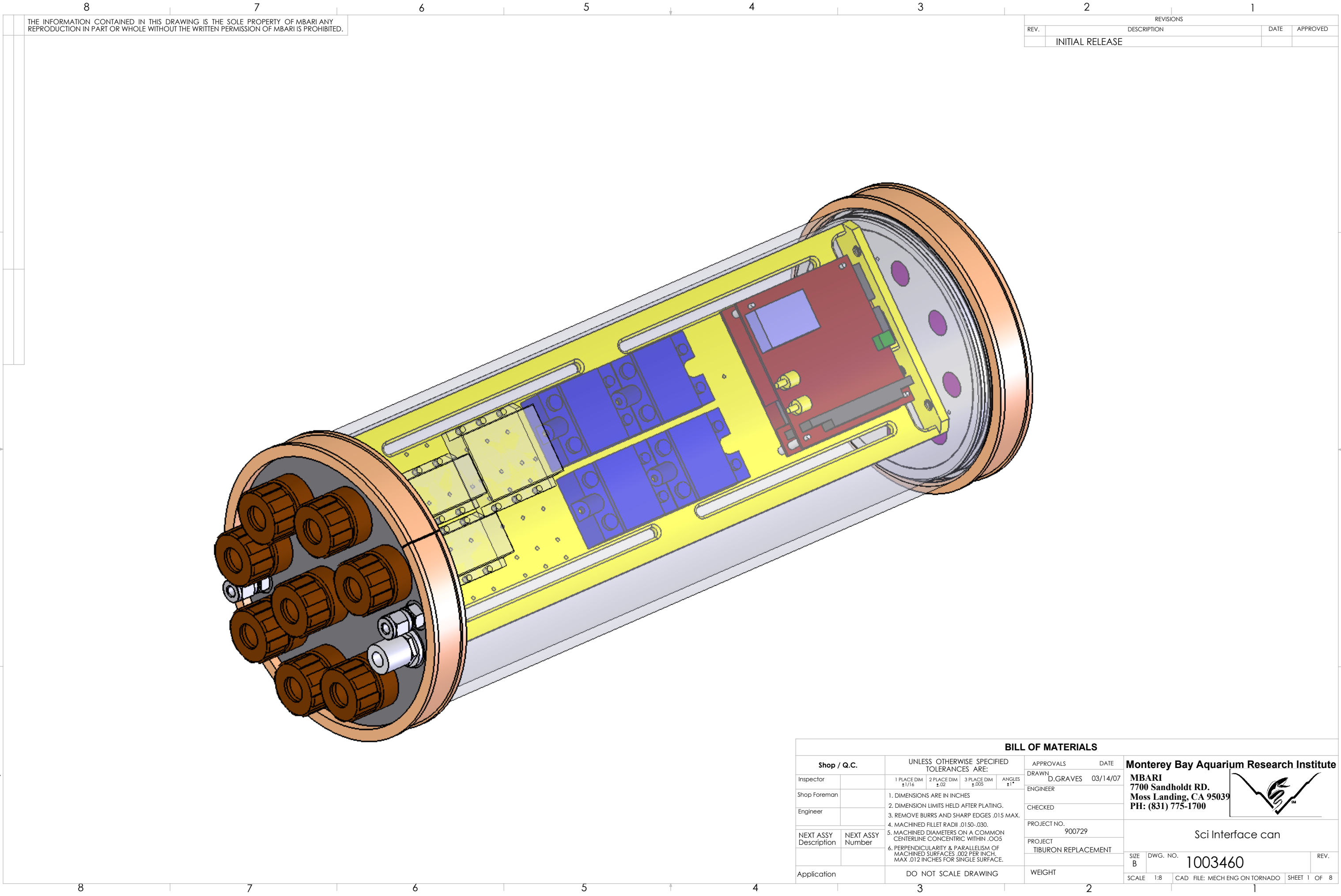
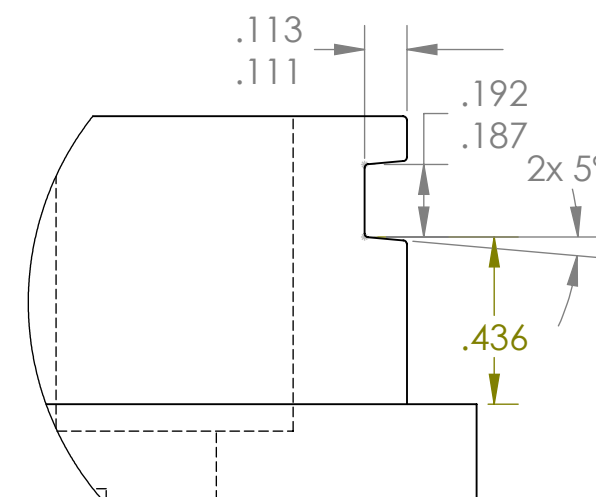
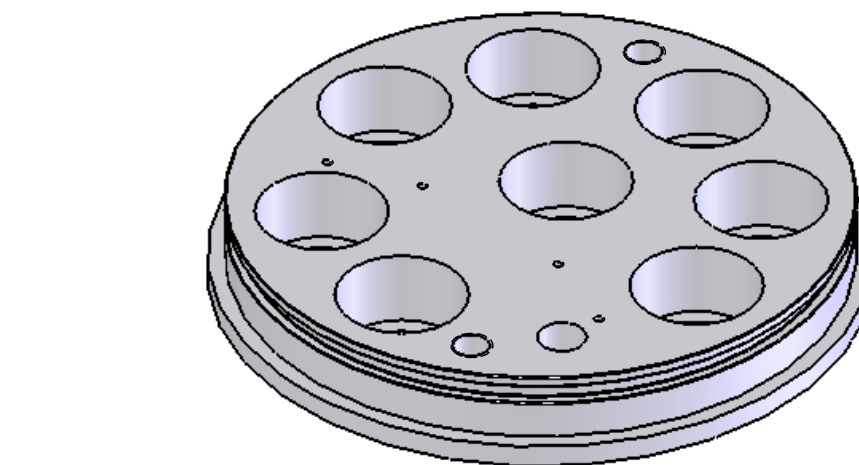
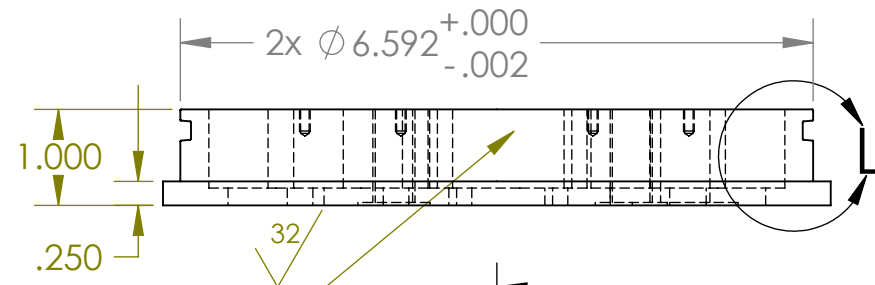
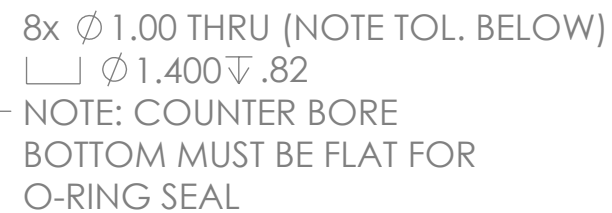




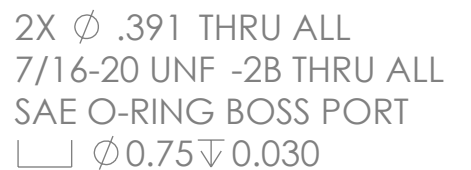
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

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	D.GRAVES	03/14/07				
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						
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	900729		Sci Interface can			
						PROJECT	TIBURON REPLACEMENT					
Application		DO NOT SCALE DRAWING				WEIGHT			SIZE B	DWG. NO.	1003460	REV.
									SCALE 1:8	CAD FILE: MECH ENG ON TORNADO	SHEET 1	OF 8



2-259 O-Ring
DETAIL L
SCALE 2 : 1



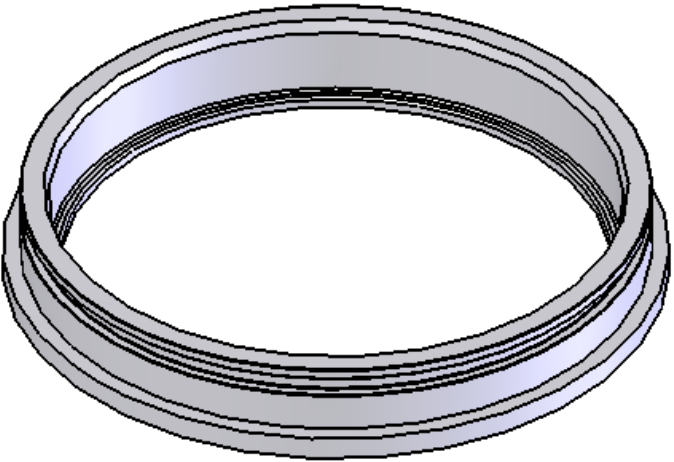
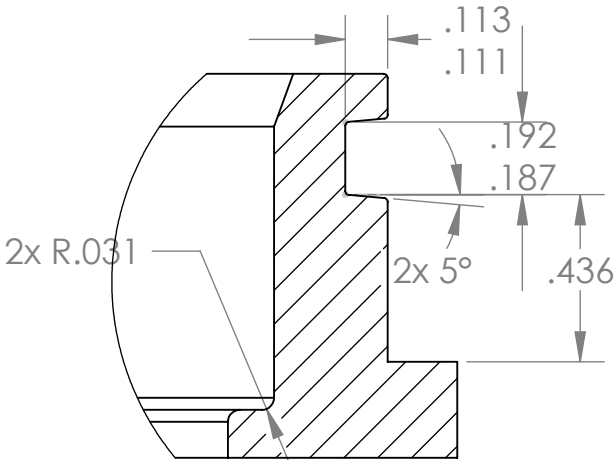
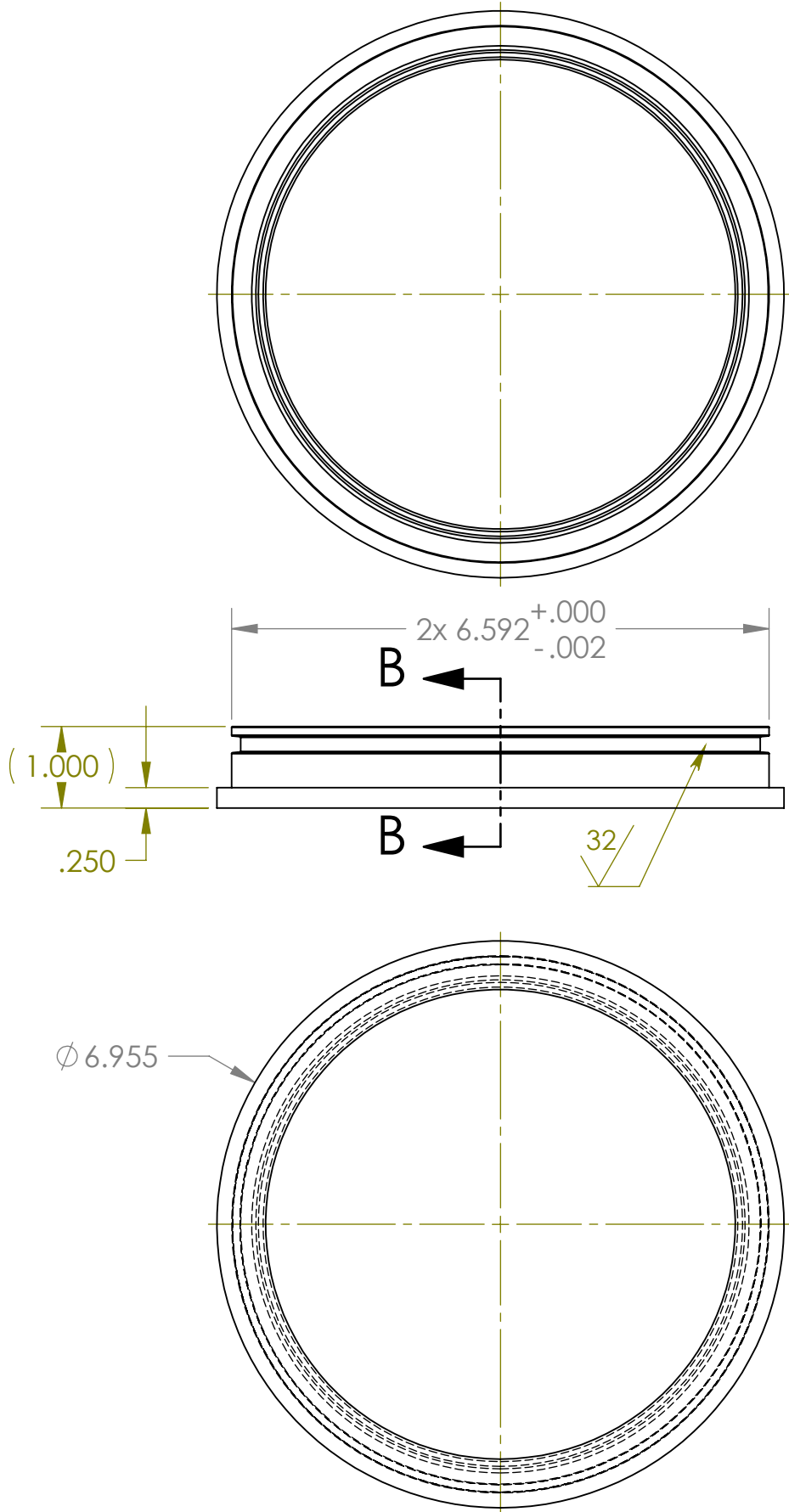
ϕ .516 THRU ALL
 - 9/16-18 UNF -2B THRU ALL
 $\square$ ϕ 1.100 ∇ .030

BILL OF MATERIALS

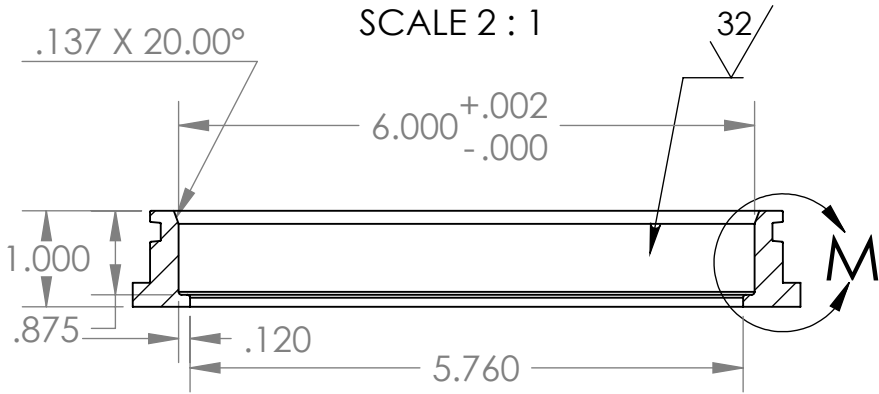
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	Monterey Bay Aquarium Research Institute	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	D.GRAVES	9/27/00	MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 	
Shop Foreman		1. 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				
NEXT ASSY Description		NEXT ASSY Number				PROJECT NO.		900729	MAIN END CAP	
						PROJECT		TIBURON REPLACEMENT		
Application		DO NOT SCALE DRAWING				WEIGHT				
						SIZE B		DWG. NO.	1003460	REV.
						SCALE 1:2		CAD FILE:	SHEET 2 OF 8	

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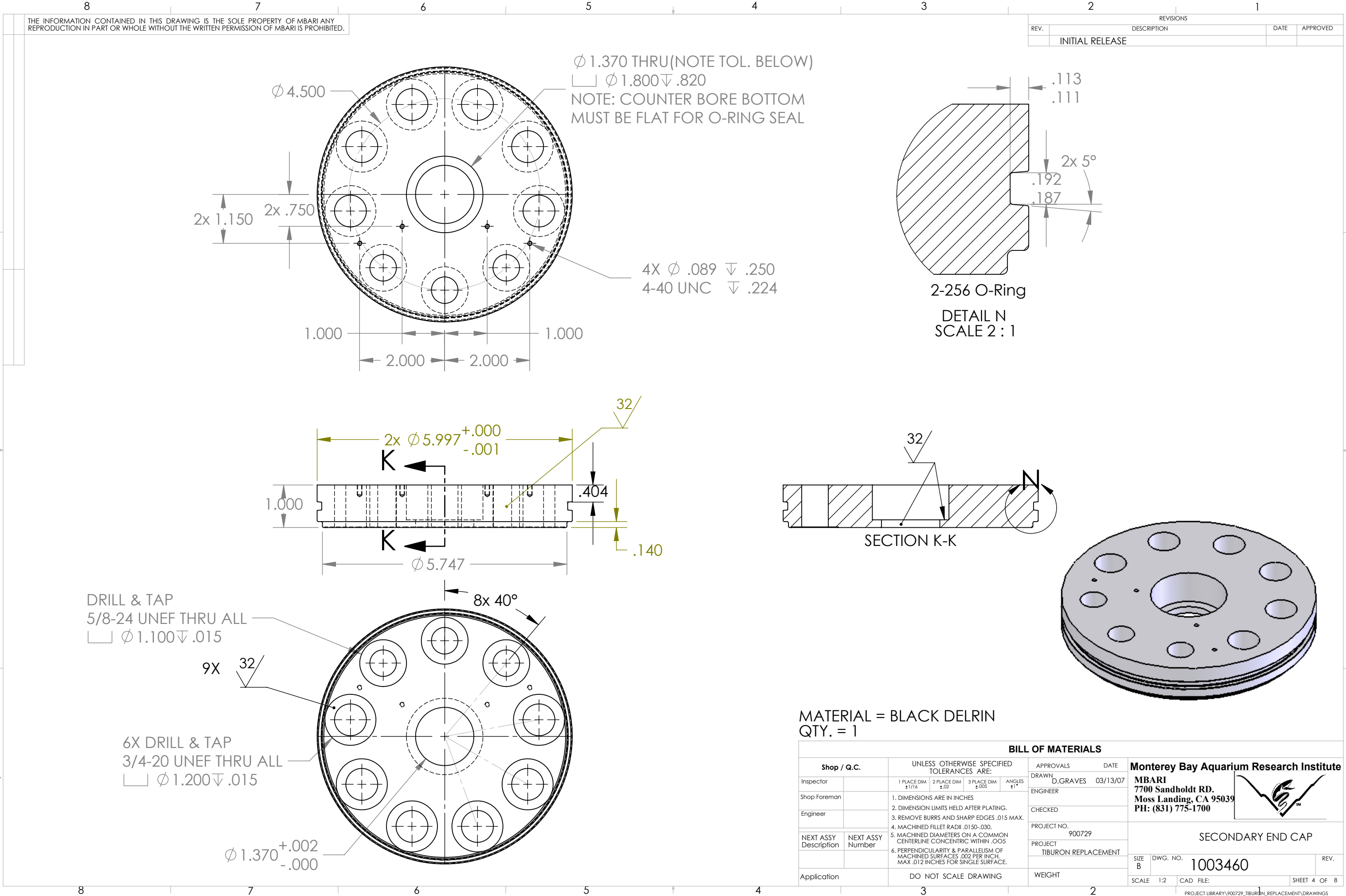
2-256 O-ring
DETAIL M
SCALE 2 : 1

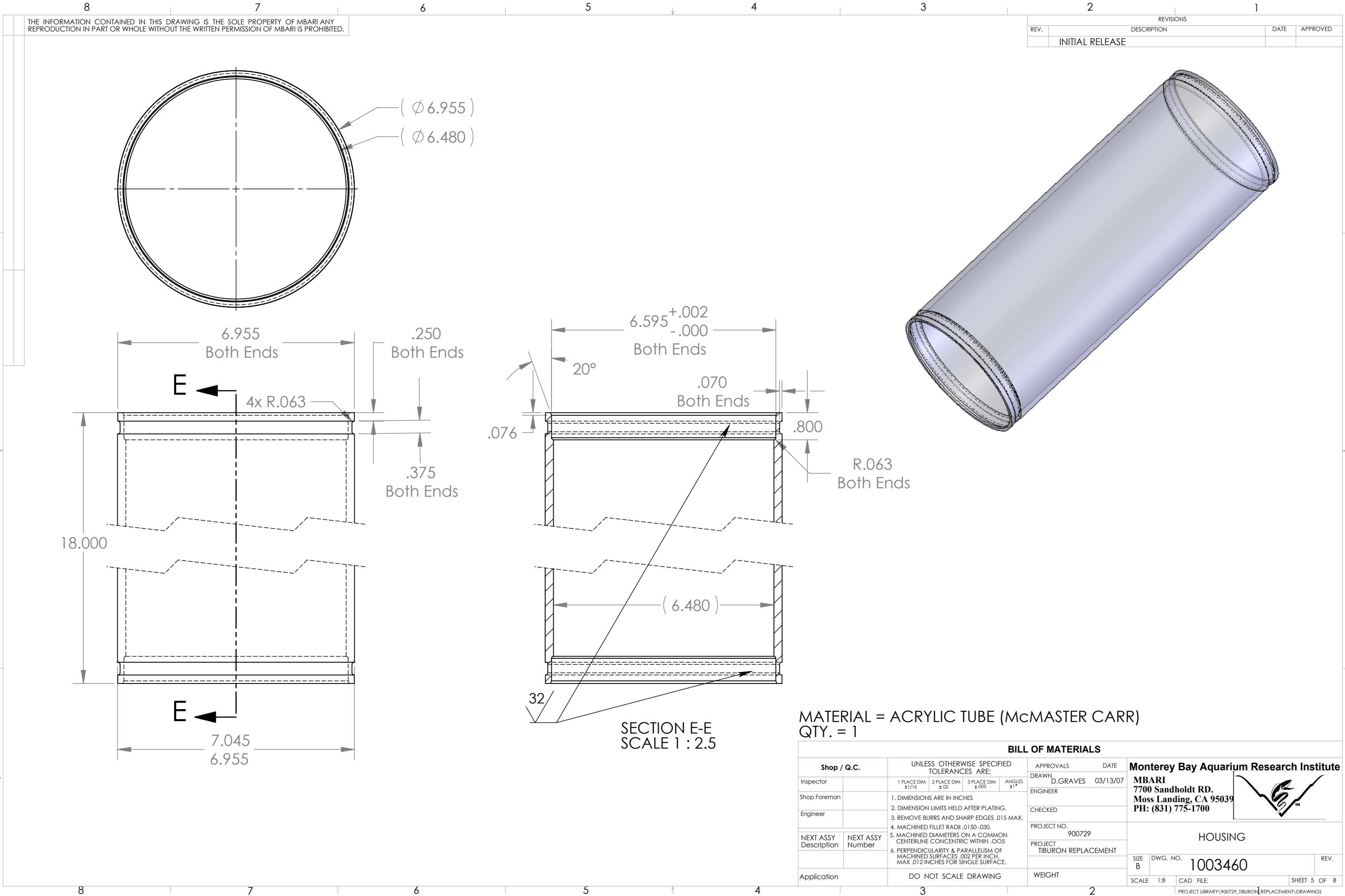


SECTION B-B

MATERIAL = BLACK DELRIN
QTY. = 1

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 D.GRAVES	03/13/07		
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			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 900729		END CAP RING	
						PROJECT TIBURON REPLACEMENT			
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B	DWG. NO. 1003460
								SCALE 1:2	REV.
								CAD FILE:	SHEET 3 OF 8





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	INITIAL RELEASE		

MATERIAL = ACRYLIC TUBE (McMASTER CARR)
QTY. = 1

BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS DATE
Inspector		1 PLACE DIM ±1/16	DRAWN D.GRAVES 03/13/07
Shop Foreman		2 PLACE DIM ±.02	ENGINEER
Engineer		3 PLACE DIM ±.005	CHECKED
NEXT ASSY Description	NEXT ASSY Number	ANGLES ±1°	PROJECT NO. 900729
		1. DIMENSIONS ARE IN INCHES	PROJECT TIBURON REPLACEMENT
		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.	
Application		DO NOT SCALE DRAWING	WEIGHT
			2

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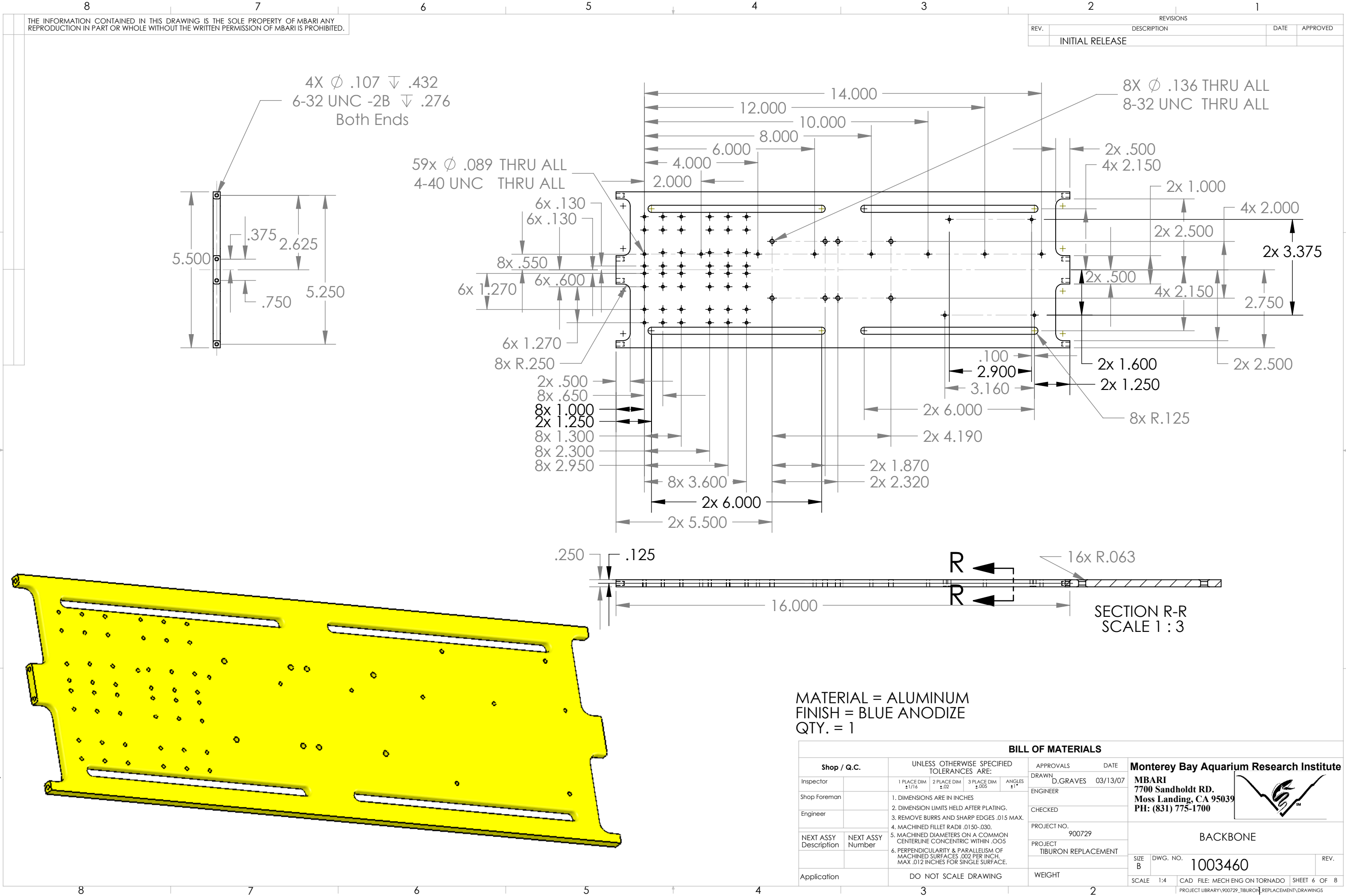
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HOUSING

SIZE B DWG. NO. 1003460 REV.

SCALE 1:8 CAD FILE: SHEET 5 OF 8

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BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$	DRAWN	D.GRAVES	03/13/07	
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			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	900729		
						PROJECT	TIBURON REPLACEMENT		
Application						WEIGHT			
		DO NOT SCALE DRAWING							
						SIZE B	DWG. NO.	1003460	REV.
						SCALE 1:4	CAD FILE: MECH ENG ON TORNADO	SHEET 6 OF 8	

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BACKBONE

1003460

