

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI AND
REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

Ø 6.955

8x Ø 1.00 THRU (NOTE TOL. BELOW)

□ Ø 1.400 ▽ .82

NOTE: COUNTER BORE
BOTTOM MUST BE FLAT FOR
O-RING SEAL

4X Ø .089 ▽ .250
4-40 UNC ▽ .224

2x .750 2x 1.150

2x 1.000

2x 2.000

2x Ø 6.592 ^{+.000}_{-.002}

1.000

.250

32

2X Ø .391 THRU ALL
7/16-20 UNF -2B THRU ALL
SAE O-RING BOSS PORT
□ Ø 0.75 ▽ 0.030

Ø .516 THRU ALL
9/16-18 UNF -2B THRU ALL
□ Ø 1.100 ▽ .030

8x Ø 1.000 ^{+.002}_{-.000}

52°

30°

6°

Ø 5.125

40°

Ø 4.600

Ø 5.125

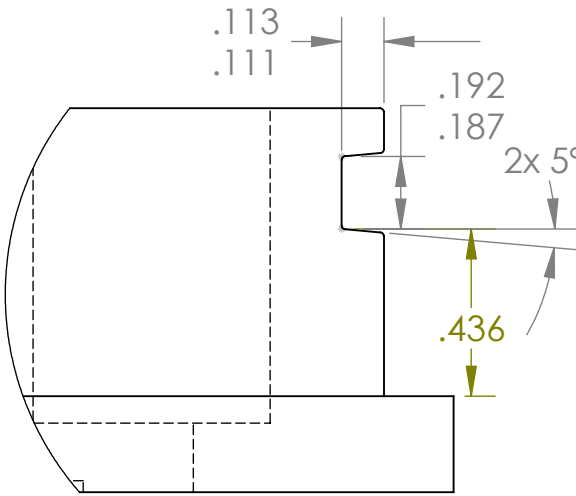
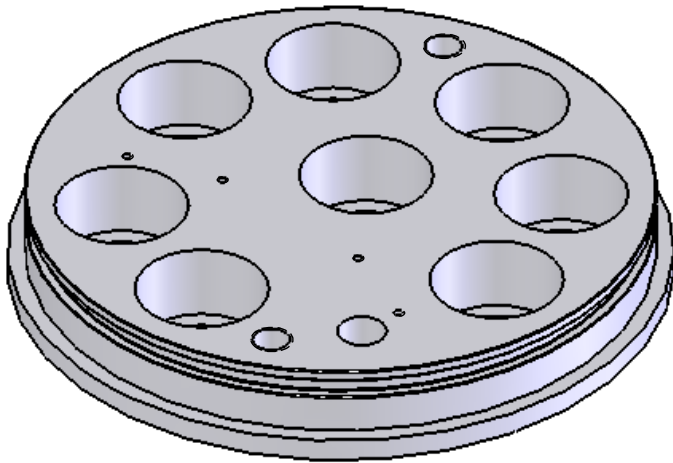
43°

22.50°

2°

Ø 5.600 B.C.
Ø 4.600

.375



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

IGNORE ALL HOLES, JUST FABRICATE BASIC END CAP
FOR NOW. NEW DRAWING FORTHCOMING FOR HOLE
LOCATIONS AND DIMENSIONS. JIM 3/26/08

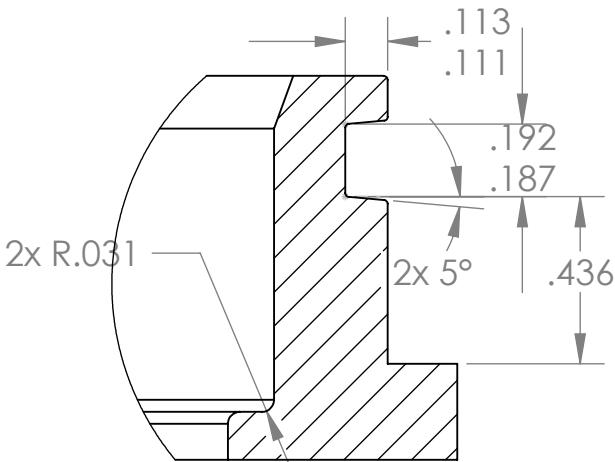
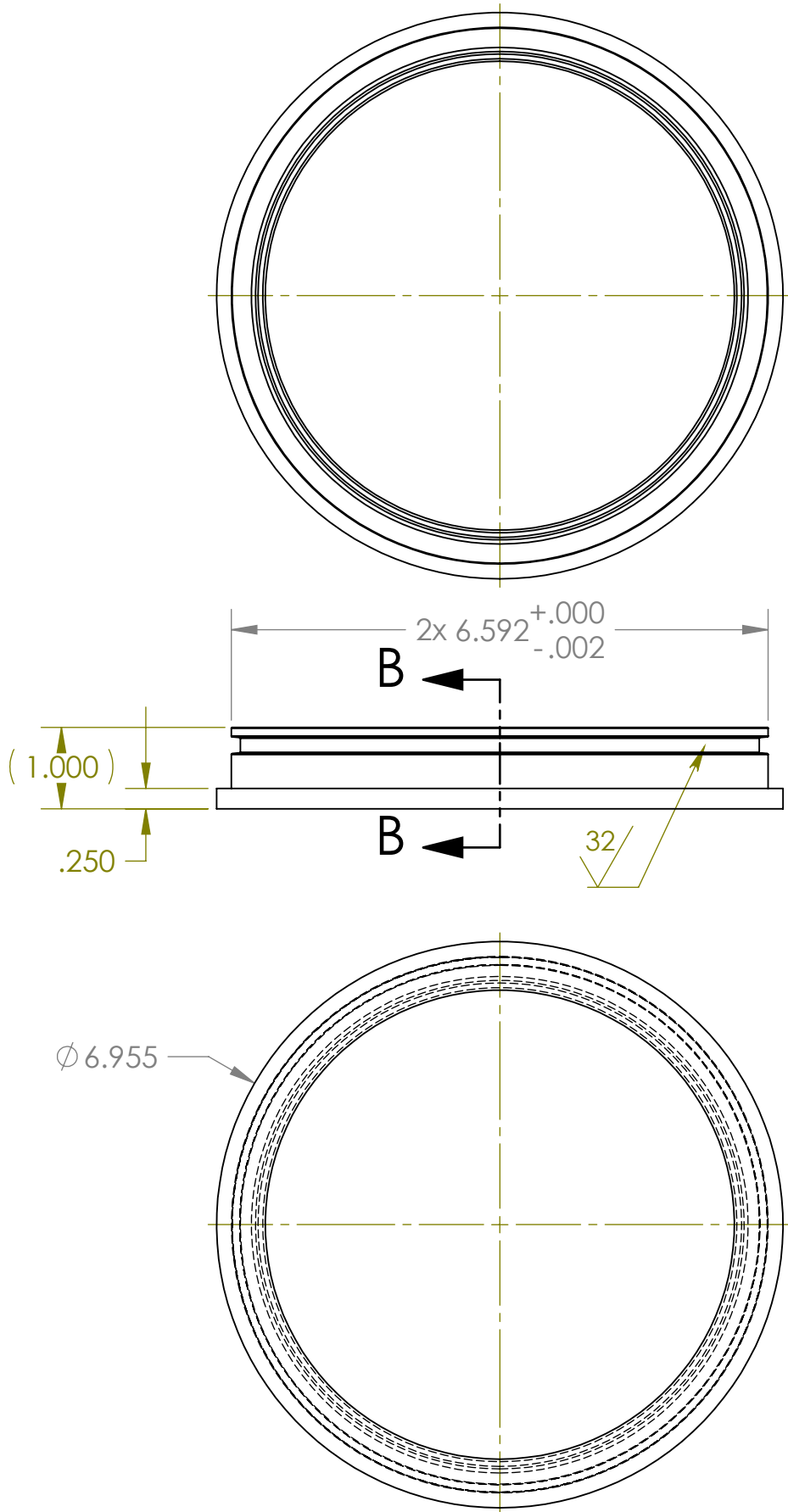
MATERIAL = BLACK DELRIN
QTY. =8

BILL OF MATERIALS

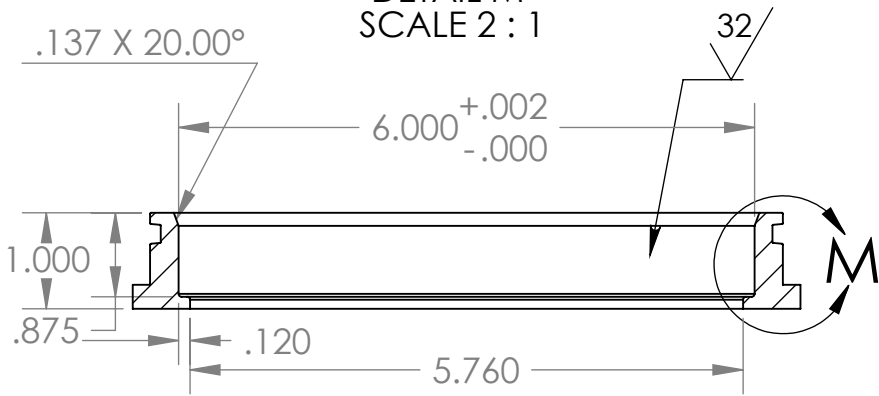
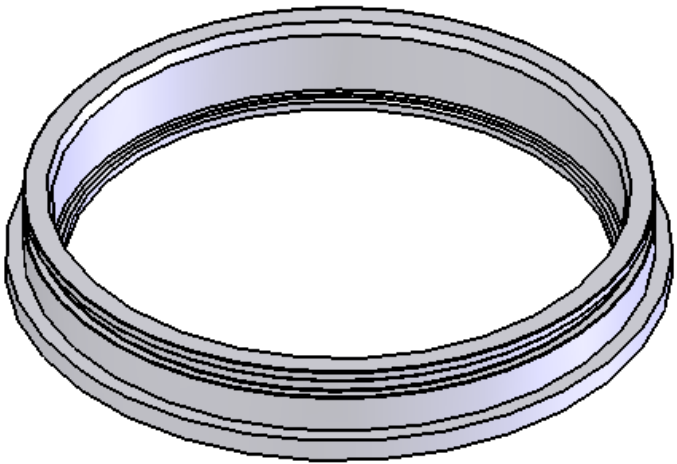
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	Monterey Bay Aquarium Research Institute		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	D.GRAVES	9/27/00	MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER					
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED			MAIN END CAP, FOCE		
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.	900719				
		4. MACHINED FILLET RADII .0150-.030.				PROJECT	FOCE				
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				WEIGHT					
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.									
Application		DO NOT SCALE DRAWING							SIZE B	DWG. NO.	REV.
									SCALE 1:2	CAD FILE:	SHEET 1 OF 7

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
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2-256 O-ring
DETAIL M
SCALE 2 : 1

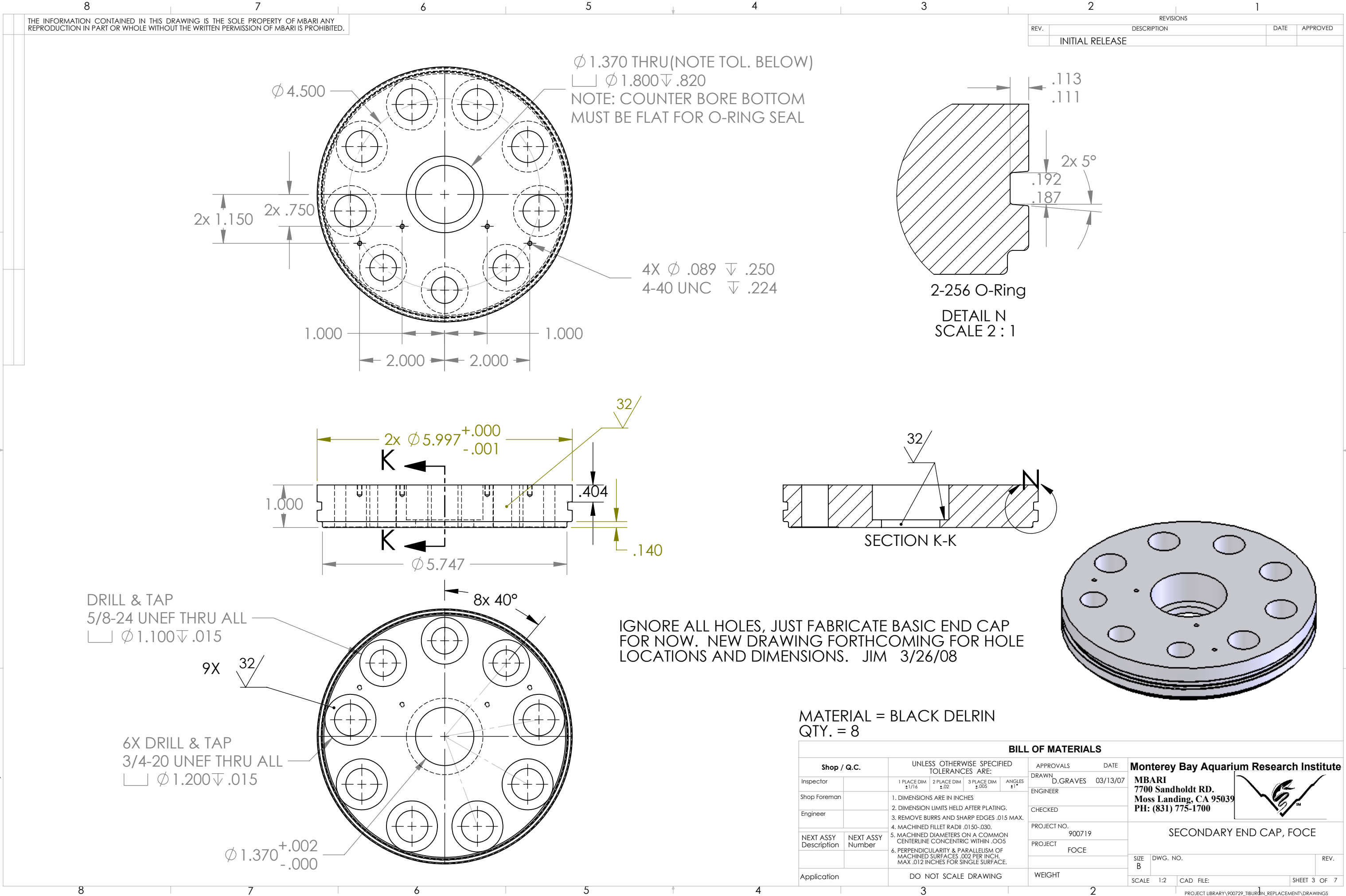


SECTION B-B

Ø 6.955

MATERIAL = BLACK DELRIN
QTY. = 8

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.	900719	END CAP RING, FOCE	
						PROJECT	FOCE		
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B	DWG. NO.
								SCALE	1:2
								CAD FILE:	
								SHEET 2 OF 7	REV.



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REVISIONS			
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Ø 1.370 THRU(NOTE TOL. BELOW)
□ Ø 1.800▽.820
NOTE: COUNTER BORE BOTTOM
MUST BE FLAT FOR O-RING SEAL

2-256 O-Ring
DETAIL N
SCALE 2 : 1

4X Ø .089 ▽ .250
4-40 UNC ▽ .224

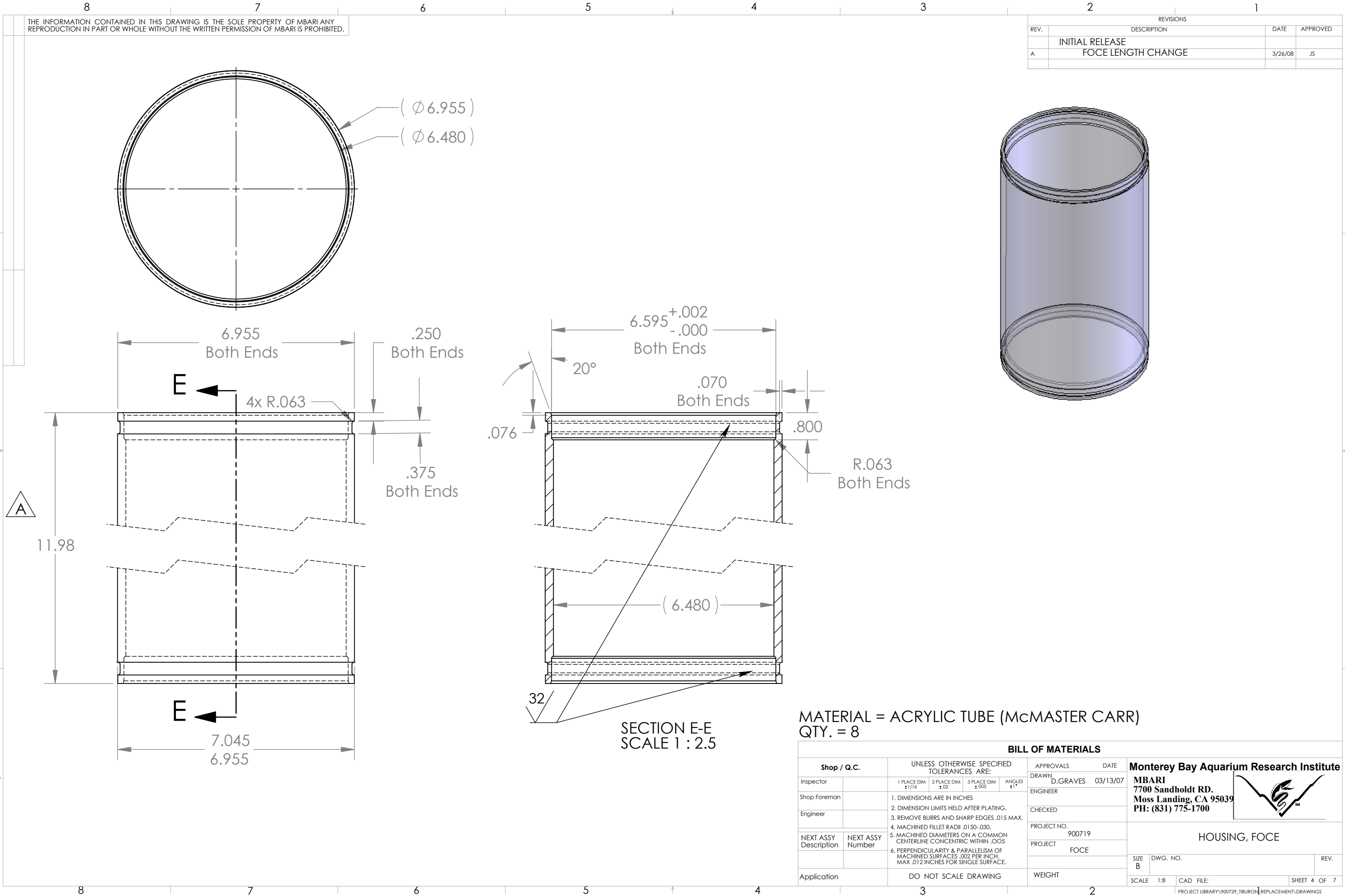
SECTION K-K

IGNORE ALL HOLES, JUST FABRICATE BASIC END CAP
FOR NOW. NEW DRAWING FORTHCOMING FOR HOLE
LOCATIONS AND DIMENSIONS. JIM 3/26/08

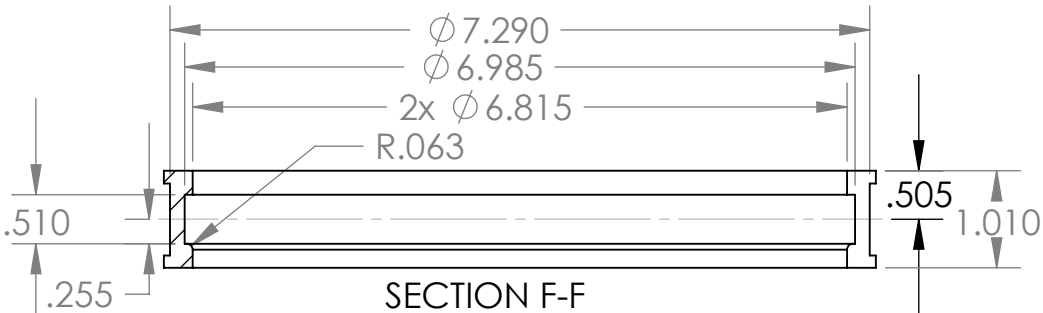
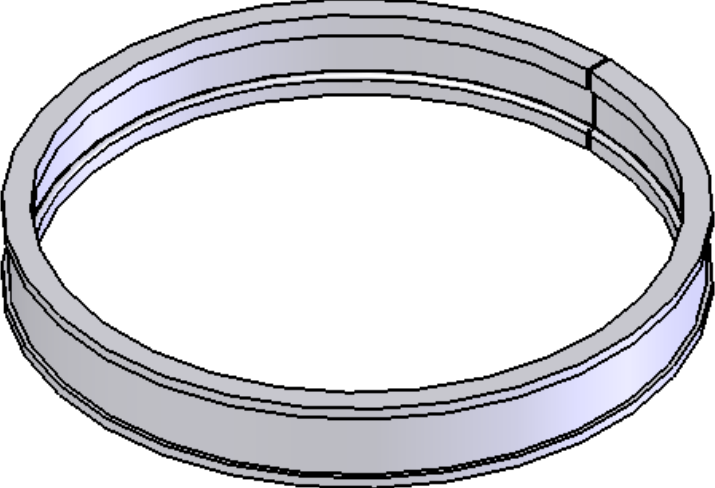
MATERIAL = BLACK DELRIN
QTY. = 8

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	03/13/07	MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER					
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED					
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.	900719				
		4. MACHINED FILLET RADII .0150-.030.				PROJECT	FOCE		SECONDARY END CAP, FOCE		
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				WEIGHT					
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.							SIZE B	DWG. NO.	REV.
Application		DO NOT SCALE DRAWING							SCALE 1:2	CAD FILE:	SHEET 3 OF 7



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		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	D.GRAVES		03/13/07		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						
						PROJECT TIBURON REPLACEMENT		RETAINING RING				
						WEIGHT		SIZE B		DWG. NO. 1003460		REV.
Application		DO NOT SCALE DRAWING						SCALE 1:2		CAD FILE: MECH ENG ON TORNADO		SHEET 5 OF 7

