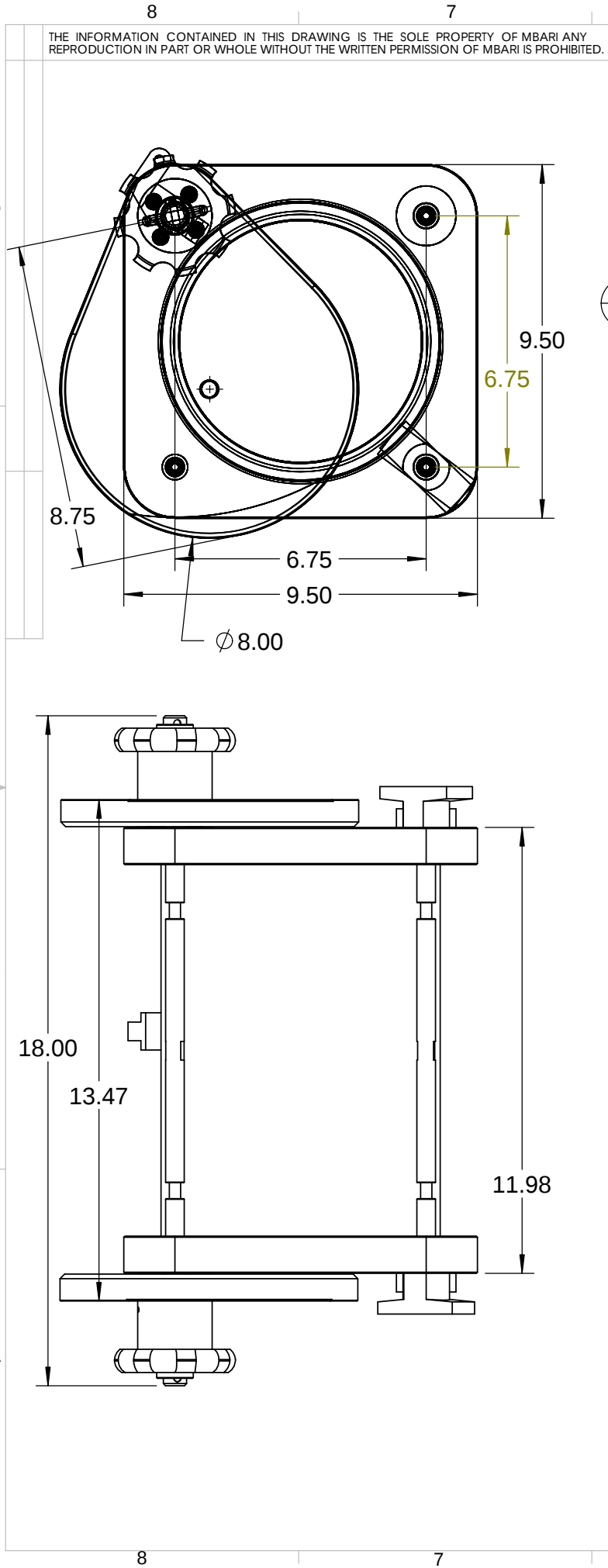




REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	3/15/2013	

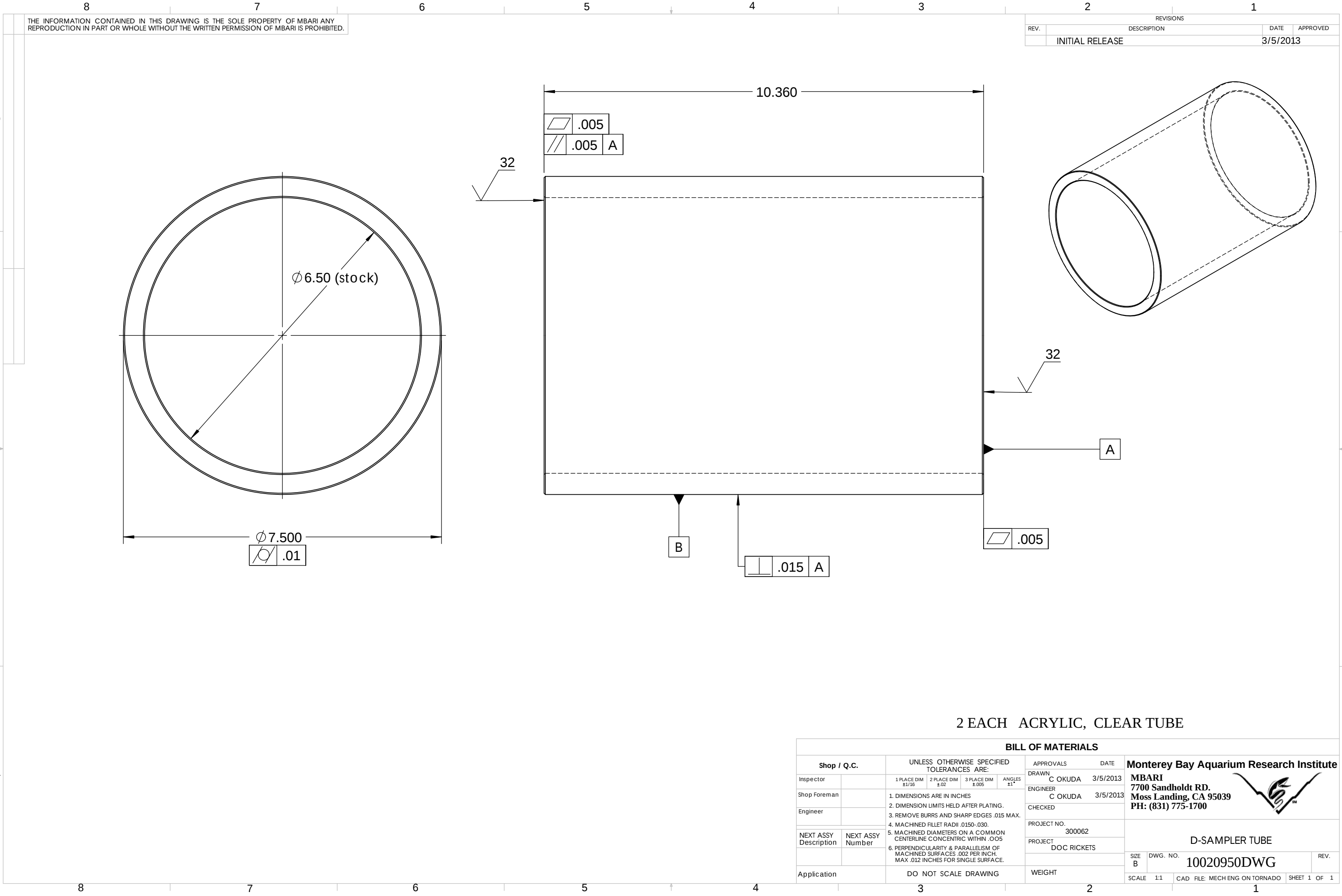
ITEM NO.	PART	DRAWING NUMBER	QTY
1	D sampler tube	10020950.DWG	1
2	assembly rod	10020461.DWG	3
3	handle rod	10020856.DWG	1
4	D sampler door	10020949.DWG	2
5	PEEK door Knob	10020953.DWG	2
6	t lid lock	10020959.DWG	2
7	door stop	10020954.DWG	2
8	knob thrust washer	10020957.DWG	2
9	Spring		2
10	spring retainer	10020958.DWG	2
11	Spring.Rtnr.Pin	10020462.DWG	2
12	door bell crank	10020952.DWG	1
13	Padl.Pin	10020958.DWG	2
14	glue end plate top	10020965.DWG	1
15	glue end plate bot	10020964.DWG	1
16	assembly rod spacer	10020967.DWG	3

BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS DATE
Inspector		1 PLACE DIM ±.1/16 2 PLACE DIM ±.02 3 PLACE DIM ±.005 ANGLES ±1°	DRAWN C OKUDA 3/15/2013
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 C OKUDA 3/15/2013
Engineer			CHECKED
NEXT ASSY Description	NEXT ASSY Number		PROJECT NO. 300062
			PROJECT doc rickets
Application	DO NOT SCALE DRAWING	WEIGHT	
		SCALE 1:8	DWG. NO. 10020966DWG
		CAD FILE: MECH ENG ON TORNADO	REV.
		SHEET 1 OF 1	

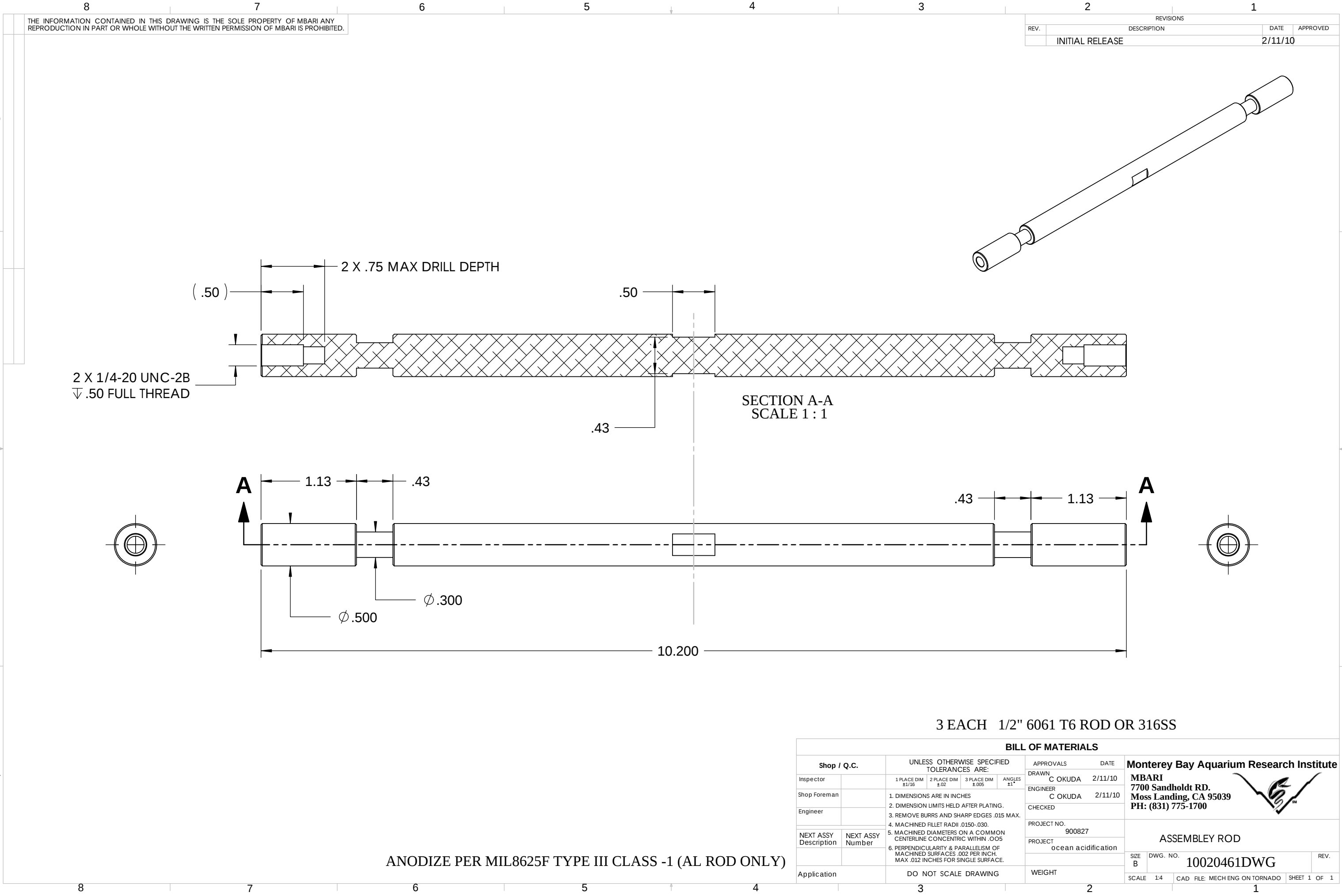
Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700

MBARI Detritus Sampler Glue assy

10020966DWG



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	C OKUDA	3/5/2013							
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	C OKUDA	3/5/2013	MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700						
Engineer						CHECKED									
NEXT ASSY Description	NEXT ASSY Number									PROJECT NO.	300062		D-SAMPLER TUBE		
										PROJECT	DOC RICKETS				
Application		DO NOT SCALE DRAWING				WEIGHT			SIZE B	DWG. NO.	10020950DWG	REV.			
		3					2		SCALE	1:1	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 1			
										1					



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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	2/11/10	

3 EACH 1/2" 6061 T6 ROD OR 316SS

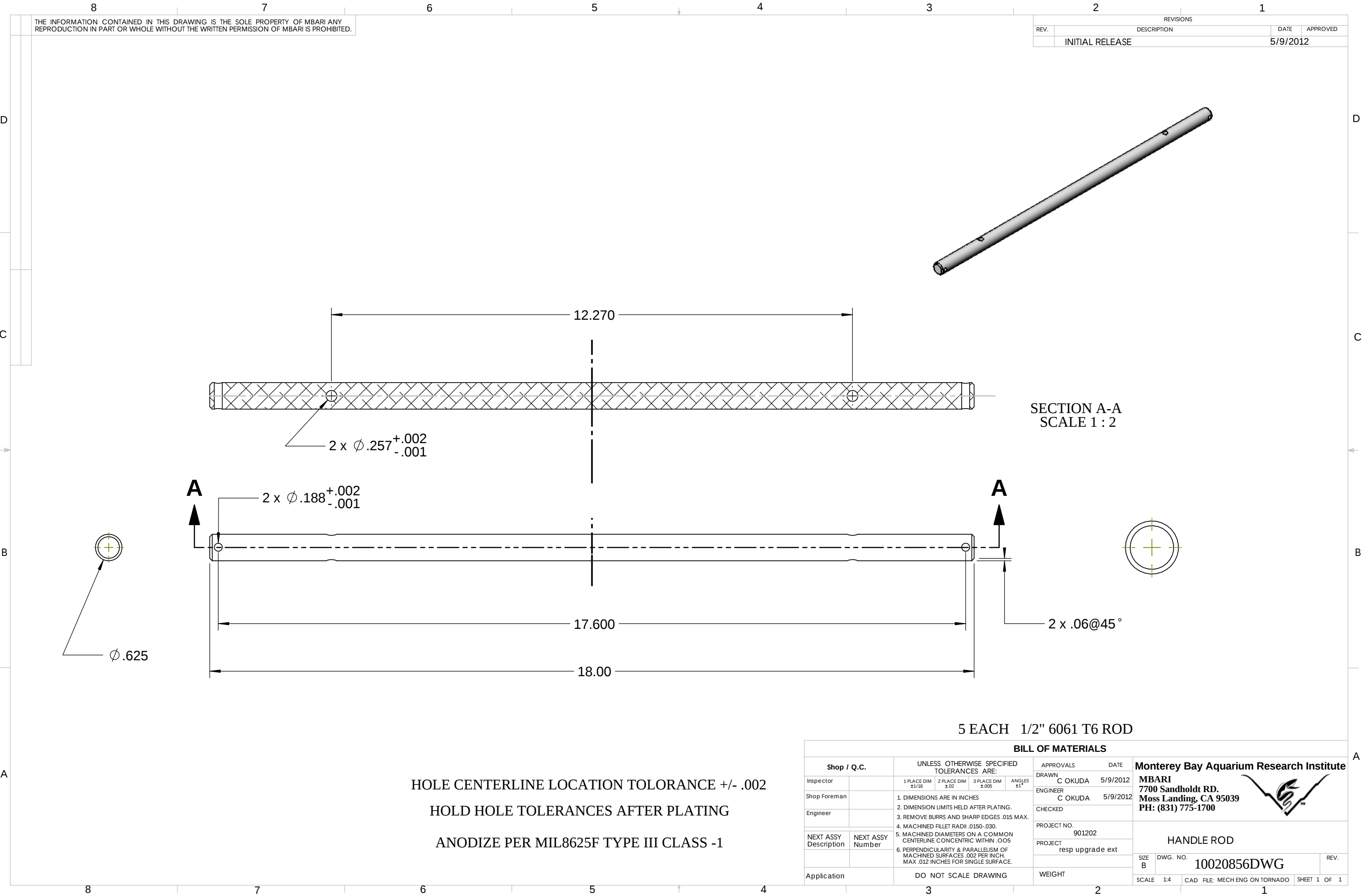
BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	C OKUDA	2/11/10	
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND 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	C OKUDA	2/11/10	
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	900827		
						PROJECT	ocean acidification		
Application		DO NOT SCALE DRAWING				WEIGHT			
						SIZE B	DWG. NO.	10020461DWG	REV.
						SCALE 1:4	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 1	

ANODIZE PER MIL8625F TYPE III CLASS -1 (AL ROD ONLY)

Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700

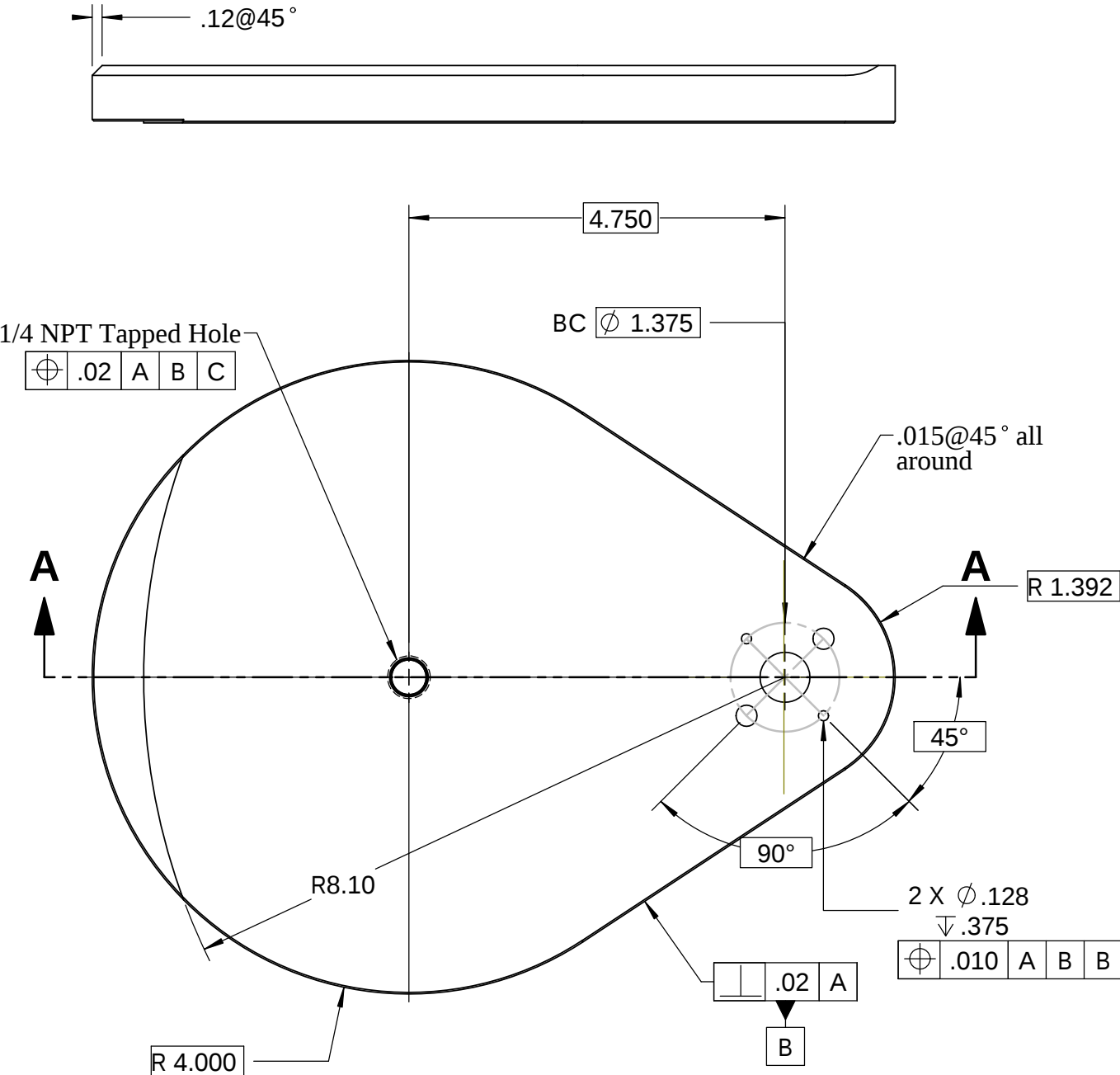


ASSEMBLY ROD

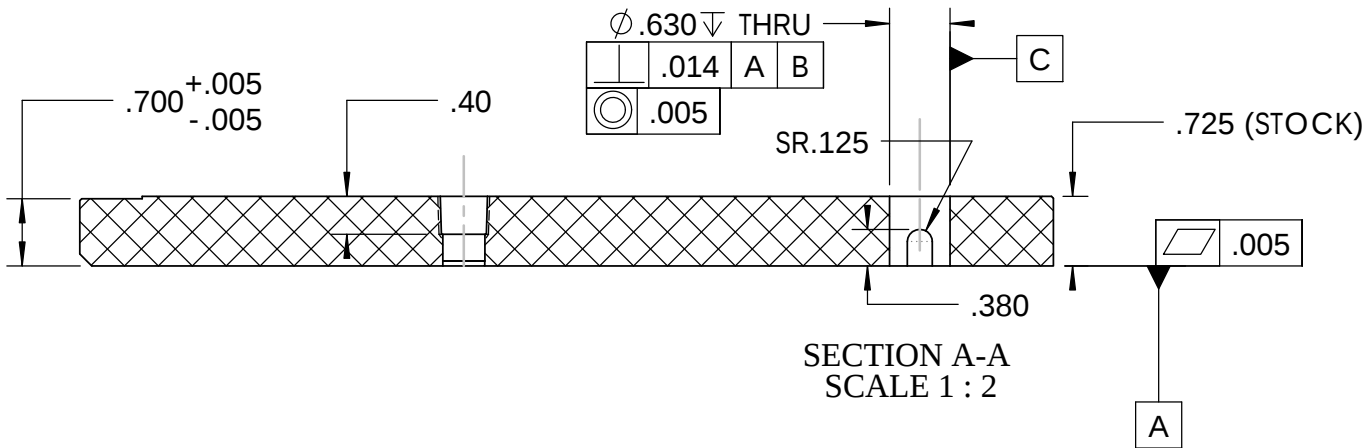
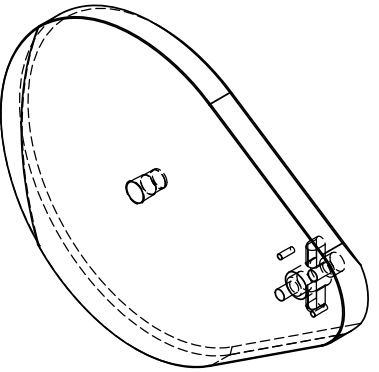
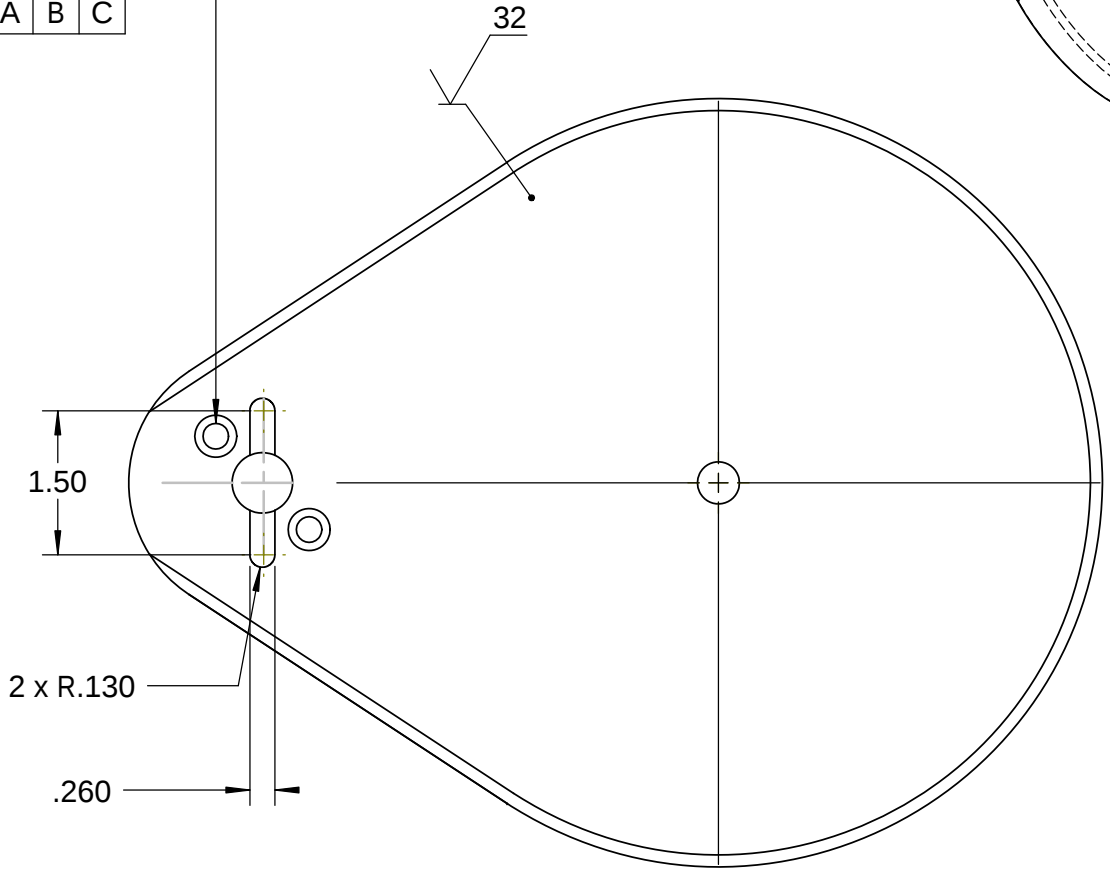


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	1/27/10	
A	add rear pocket, change cone depth	5/5/2010	



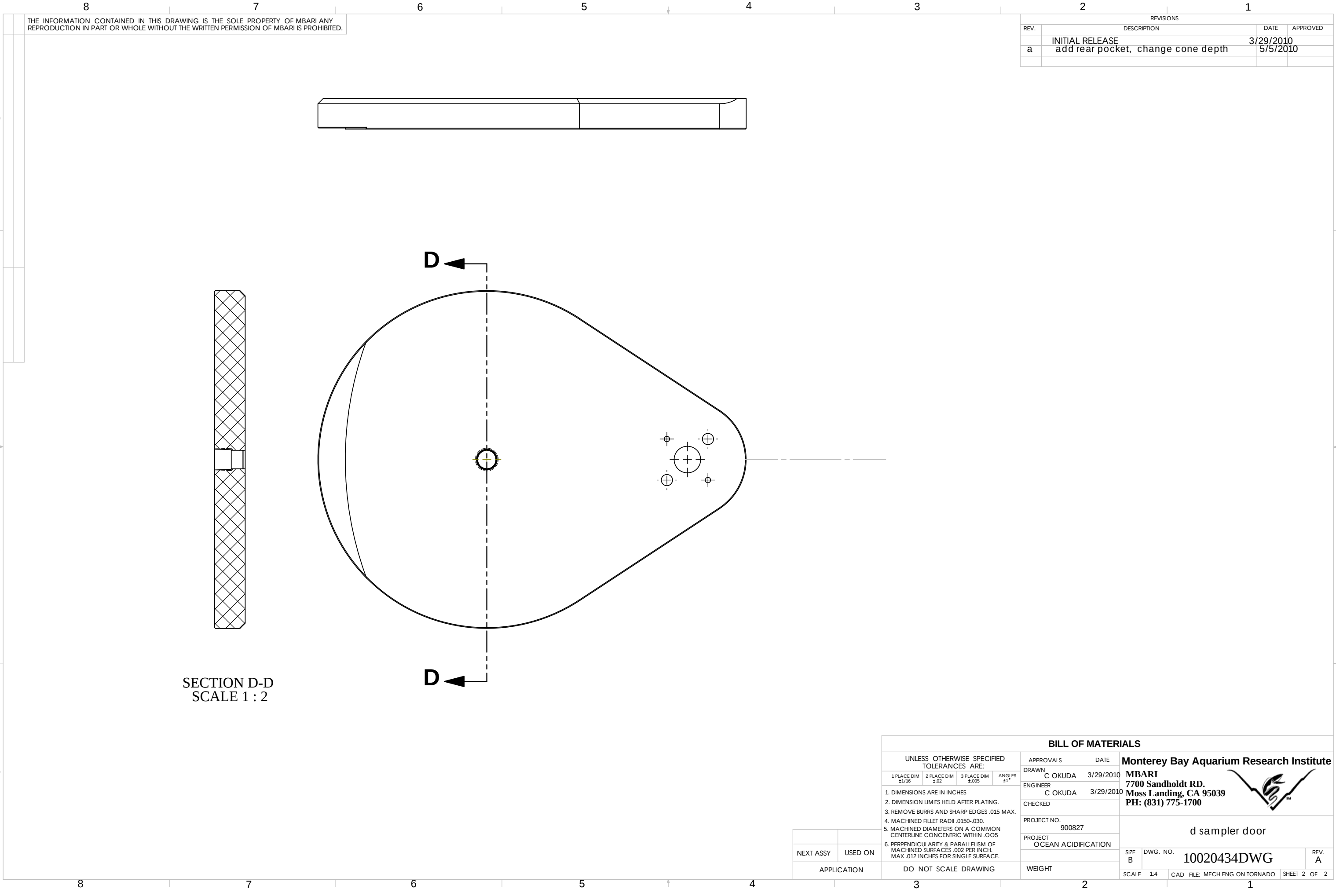
2 X ϕ .266 ∇ THRU
 ϕ .438 ∇ .3
 ϕ .010 A B C



SECTION A-A
SCALE 1 : 2

Cast Acrylic Sheet

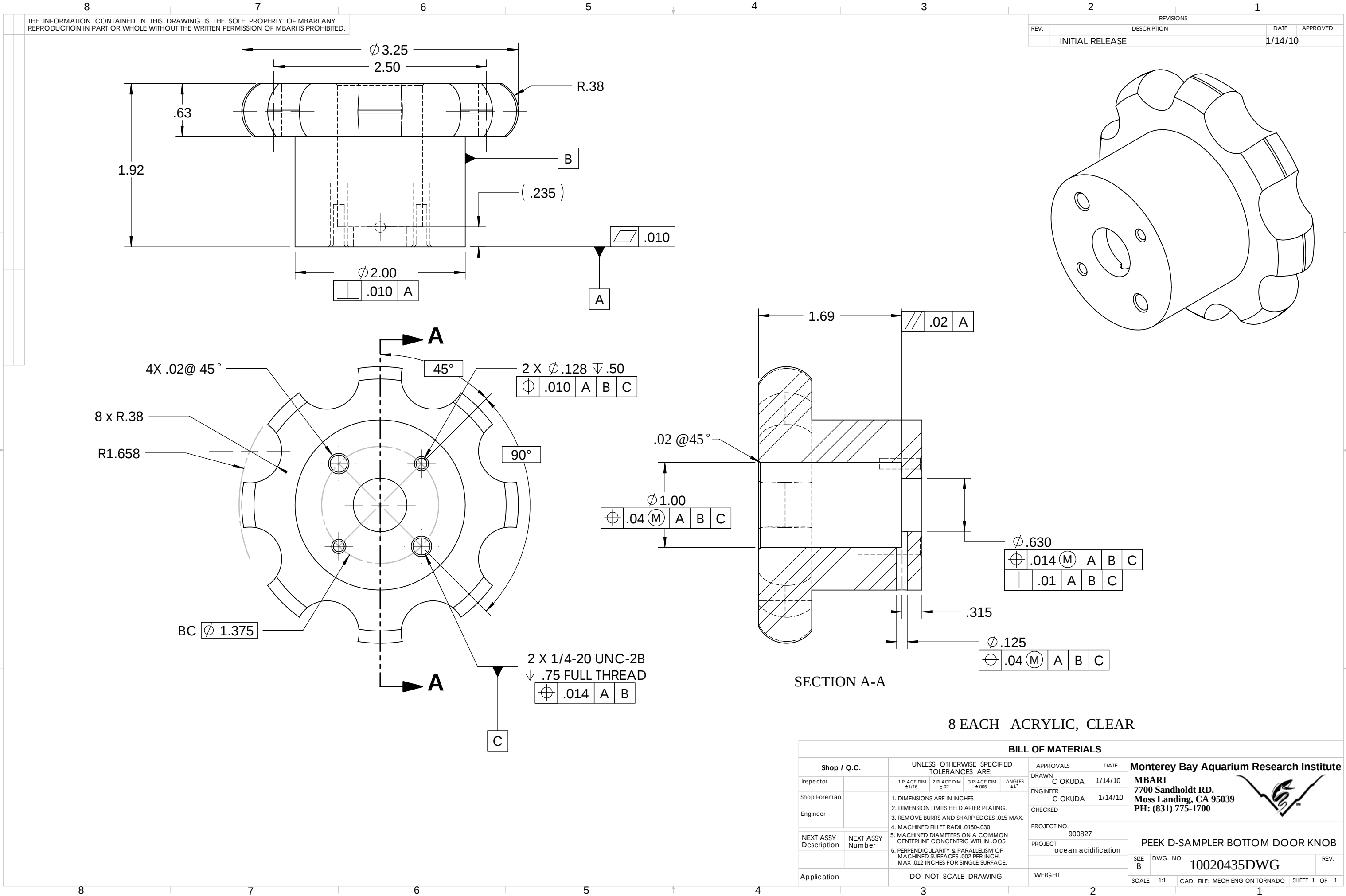
BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	
Inspector		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$
Shop Foreman		3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$
Engineer		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .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.	
NEXT ASSY Description	NEXT ASSY Number	APPROVALS DATE DRAWN C OKUDA 1/27/10 ENGINEER C OKUDA 1/27/10 CHECKED PROJECT NO. 900827 PROJECT ocean acidification	
Application	DO NOT SCALE DRAWING	WEIGHT	
		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
		PEEK D-SAMPLER BOTTOM DOOR	
		SIZE B DWG. NO. 10020434DWG REV. A	
		SCALE 1:4 CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 2	



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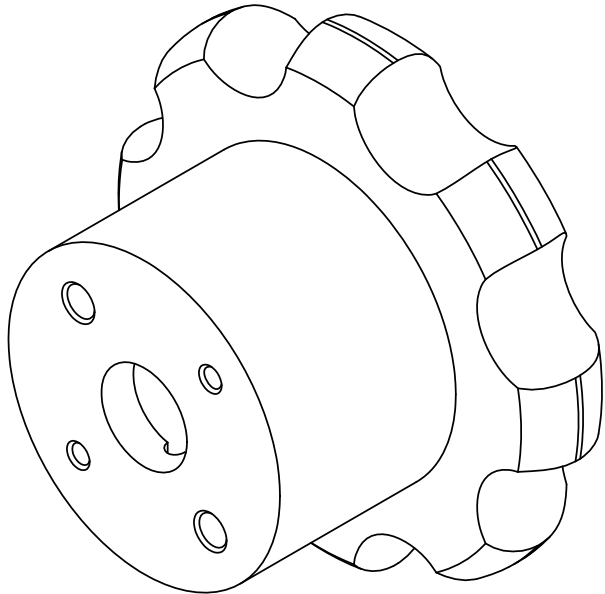
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	3/29/2010	
a	add rear pocket, change cone depth	5/5/2010	

BILL OF MATERIALS					
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. DO NOT SCALE DRAWING			APPROVALS	DATE	
			DRAWN	C OKUDA	3/29/2010
			ENGINEER	C OKUDA	3/29/2010
			CHECKED		
			PROJECT NO.	900827	
			PROJECT	OCEAN ACIDIFICATION	
			WEIGHT		
			Monterey Bay Aquarium Research Institute		
			MBARI		
			7700 Sandholdt RD.		
			Moss Landing, CA 95039		
			PH: (831) 775-1700		
			d sampler door		
			SIZE	DWG. NO.	REV.
			B	10020434DWG	A
			SCALE	1:4	CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 2



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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	1/14/10	



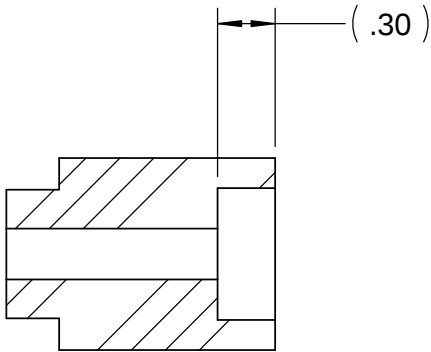
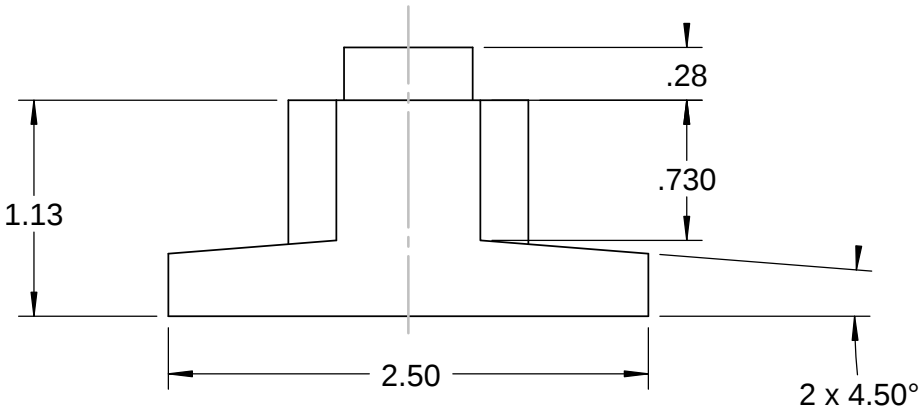
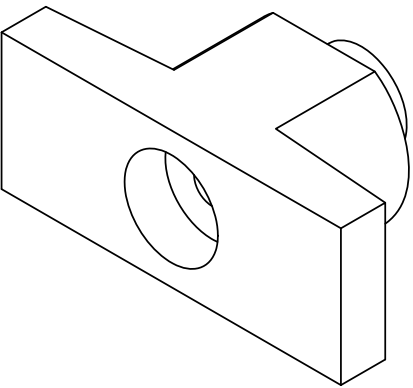
SECTION A-A

8 EACH ACRYLIC, CLEAR

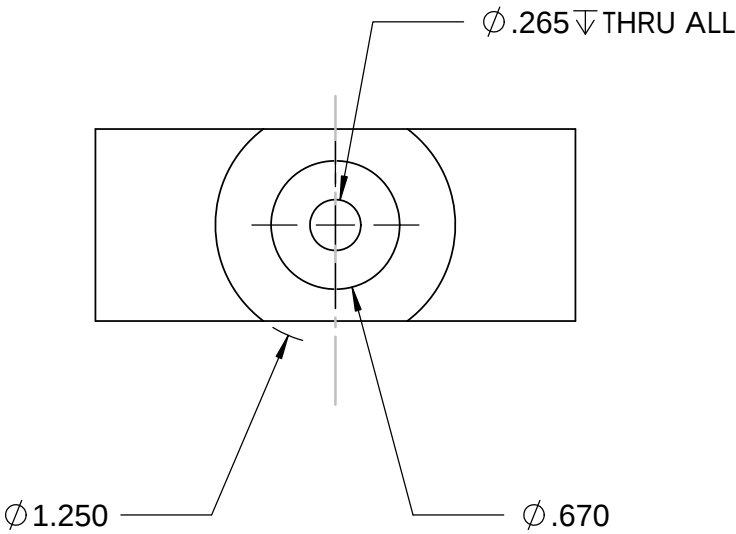
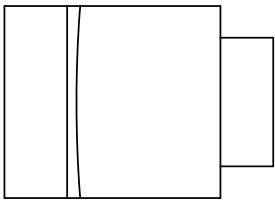
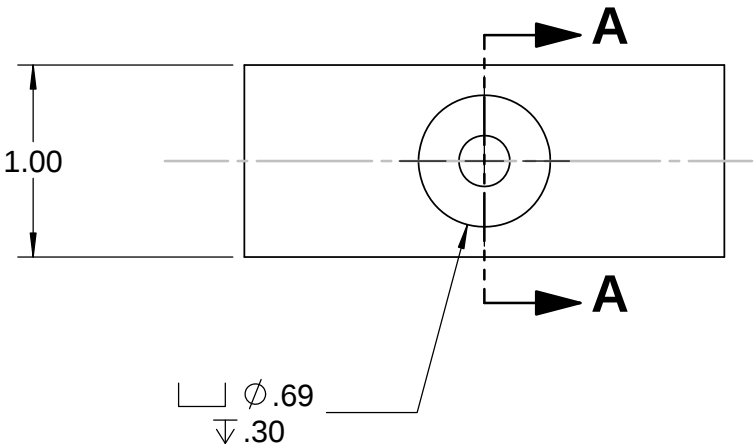
BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02
Shop Foreman		3 PLACE DIM ±.005	ANGLES ±1°
Engineer		1. DIMENSIONS ARE IN INCHES	
		2. DIMENSION LIMITS HELD AFTER PLATING.	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.	
		4. MACHINED FILLET RADII .0150-.030.	
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.	
Application		DO NOT SCALE DRAWING	
		APPROVALS	DATE
		DRAWN C OKUDA	1/14/10
		ENGINEER C OKUDA	1/14/10
		CHECKED	
		PROJECT NO.	900827
		PROJECT	ocean acidification
		WEIGHT	
		Monterey Bay Aquarium Research Institute	
		MBARI	
		7700 Sandholdt RD.	
		Moss Landing, CA 95039	
		PH: (831) 775-1700	
		PEEK D-SAMPLER BOTTOM DOOR KNOB	
		SIZE B	REV.
		DWG. NO. 10020435DWG	
		SCALE 1:1	CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	2/11/10	



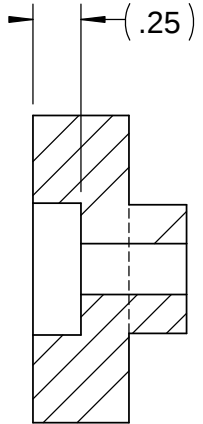
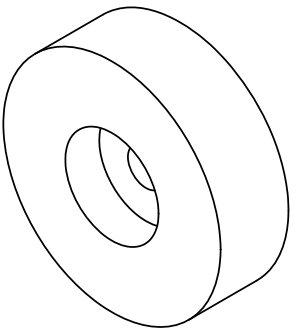
SECTION A-A
SCALE 1 : 1



16 EACH delrin, black

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	C OKUDA	2/11/10				
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	C OKUDA	2/11/10				
Engineer						CHECKED						
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	900827					
		PROJECT	ocean acidification		T LID LOCK							
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B		DWG. NO. 10020463DWG		REV.
						SCALE 2:1		CAD FILE: MECH ENG ON TORNADO		SHEET 1 OF 1		

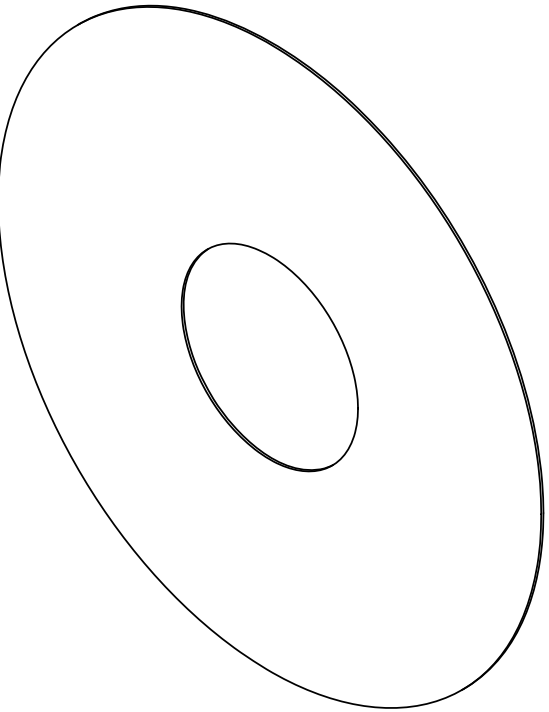
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	3/5/2013	



SECTION A-A

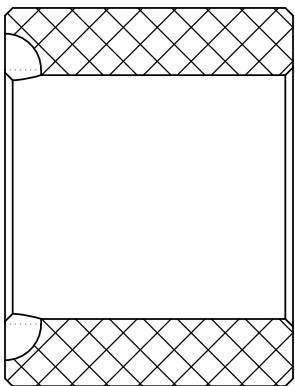
8 EACH DELRIN

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  D-SAMPLER DOOR STOP				
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	C OKUDA	3/5/2013	ENGINEER	C OKUDA	3/5/2013	PROJECT NO. 300062					
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.				CHECKED			PROJECT	DOC RICKETS							
Engineer																	
NEXT ASSY Description	NEXT ASSY Number																
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B		DWG. NO. 10020954DWG		REV.					
								SCALE 1:1		CAD FILE: MECH ENG ON TORNADO		SHEET 1 OF 1					



8 EACH, WHITE DELRIN

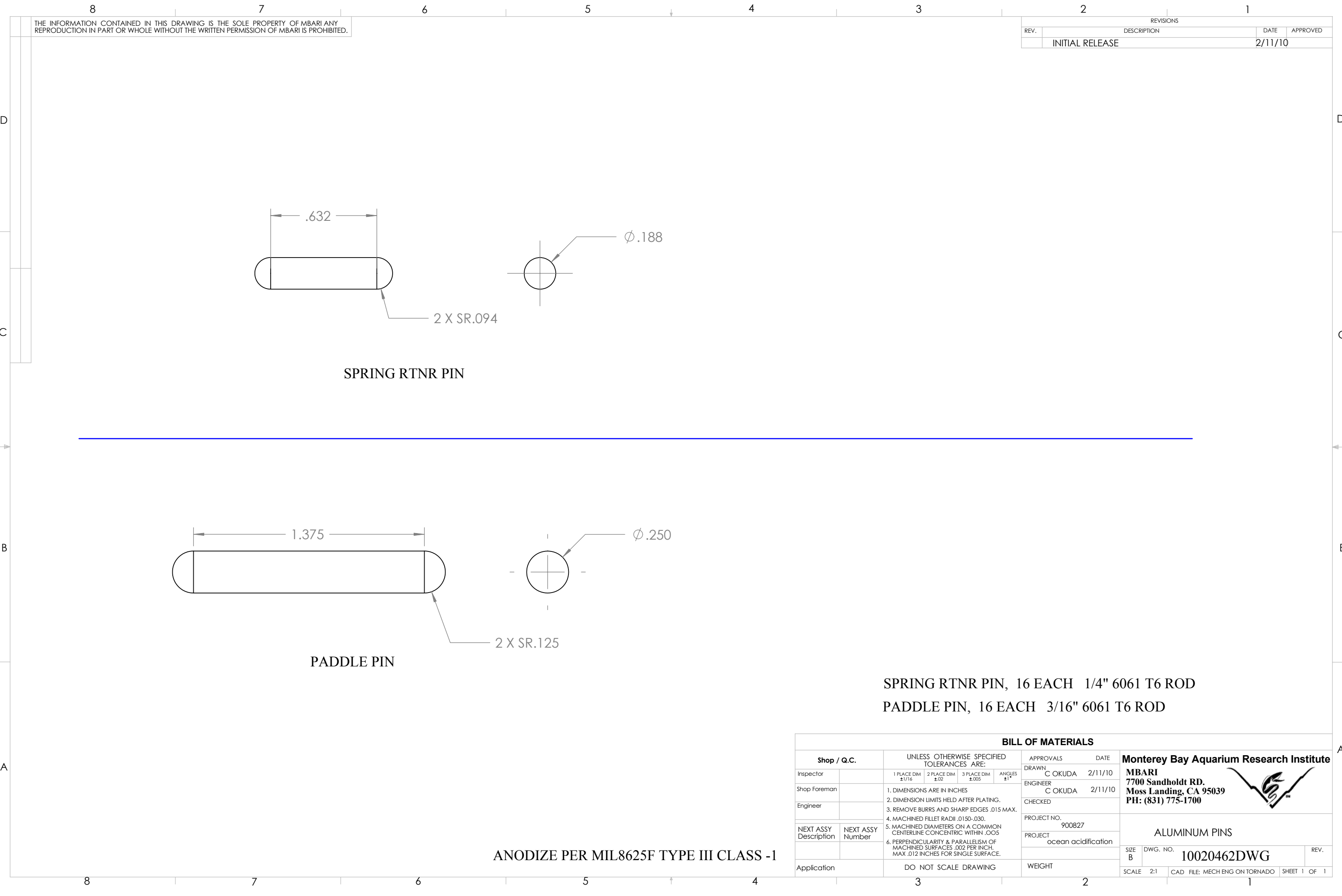
BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 		
Inspector		1 PLACE DIM ±1/32	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN C OKUDA 3/6/2013			
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 C OKUDA 3/6/2013				
Engineer					CHECKED				
NEXT ASSY Description	NEXT ASSY Number				PROJECT NO. 300062	D SAMPLER KNOB THRUST WASHER			
					PROJECT DOC RICKETS				
Application		DO NOT SCALE DRAWING			WEIGHT		SIZE B	DWG. NO. 10020957DWG	REV.
							SCALE 2:1	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 1



SECTION A-A

8 EACH, WHITE DELRIN ROD

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 C OKUDA	3/6/2013		
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 C OKUDA	3/6/2013		
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 300062		D SAMPLER SPRING RETAINER SIZE B DWG. NO. 10020958DWG REV.	
						PROJECT DOC RICKTES			
						WEIGHT			
Application		DO NOT SCALE DRAWING				SCALE 2:1 CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1			
		3				2			
						1			



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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	2/11/10	

SPRING RTNR PIN

PADDLE PIN

SPRING RTNR PIN, 16 EACH 1/4" 6061 T6 ROD

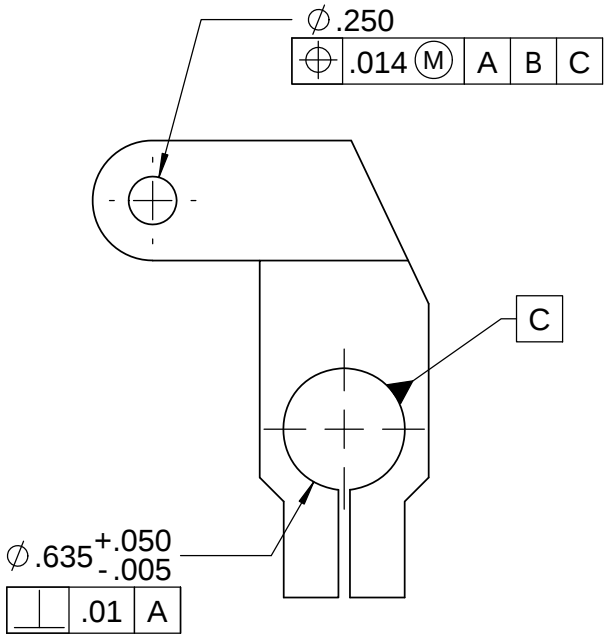
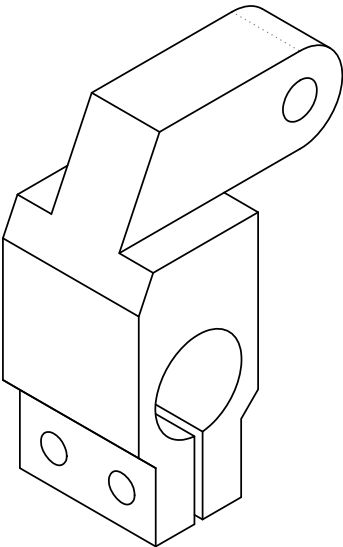
PADDLE PIN, 16 EACH 3/16" 6061 T6 ROD

ANODIZE PER MIL8625F TYPE III CLASS -1

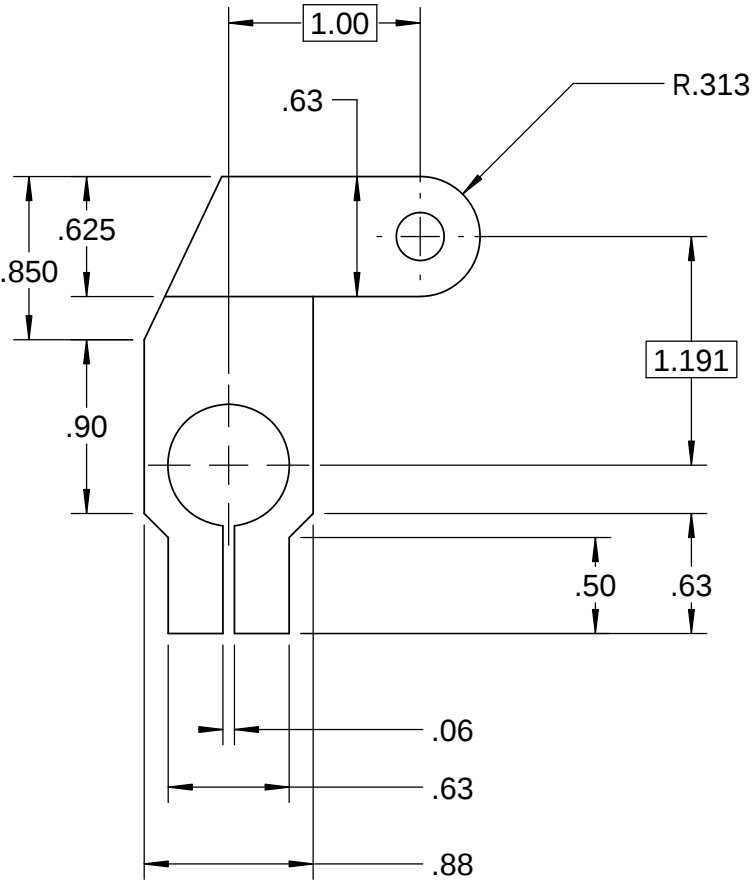
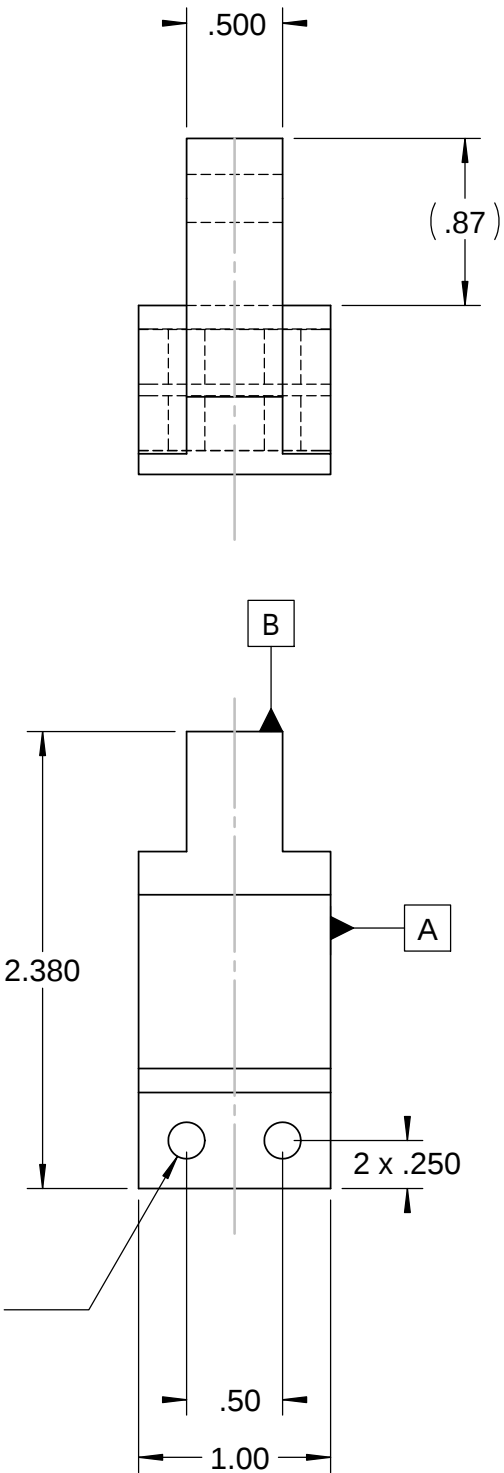
BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	C OKUDA 2/11/10		
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	C OKUDA 2/11/10		
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	900827	ALUMINUM PINS	
						PROJECT	ocean acidification		
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B	DWG. NO. 10020462DWG
								SCALE 2:1	CAD FILE: MECH ENG ON TORNADO
								SHEET 1	OF 1

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	1/27/10	



2 X $\phi .190$
▽ THRU ALL



8 EACH 6061 T6

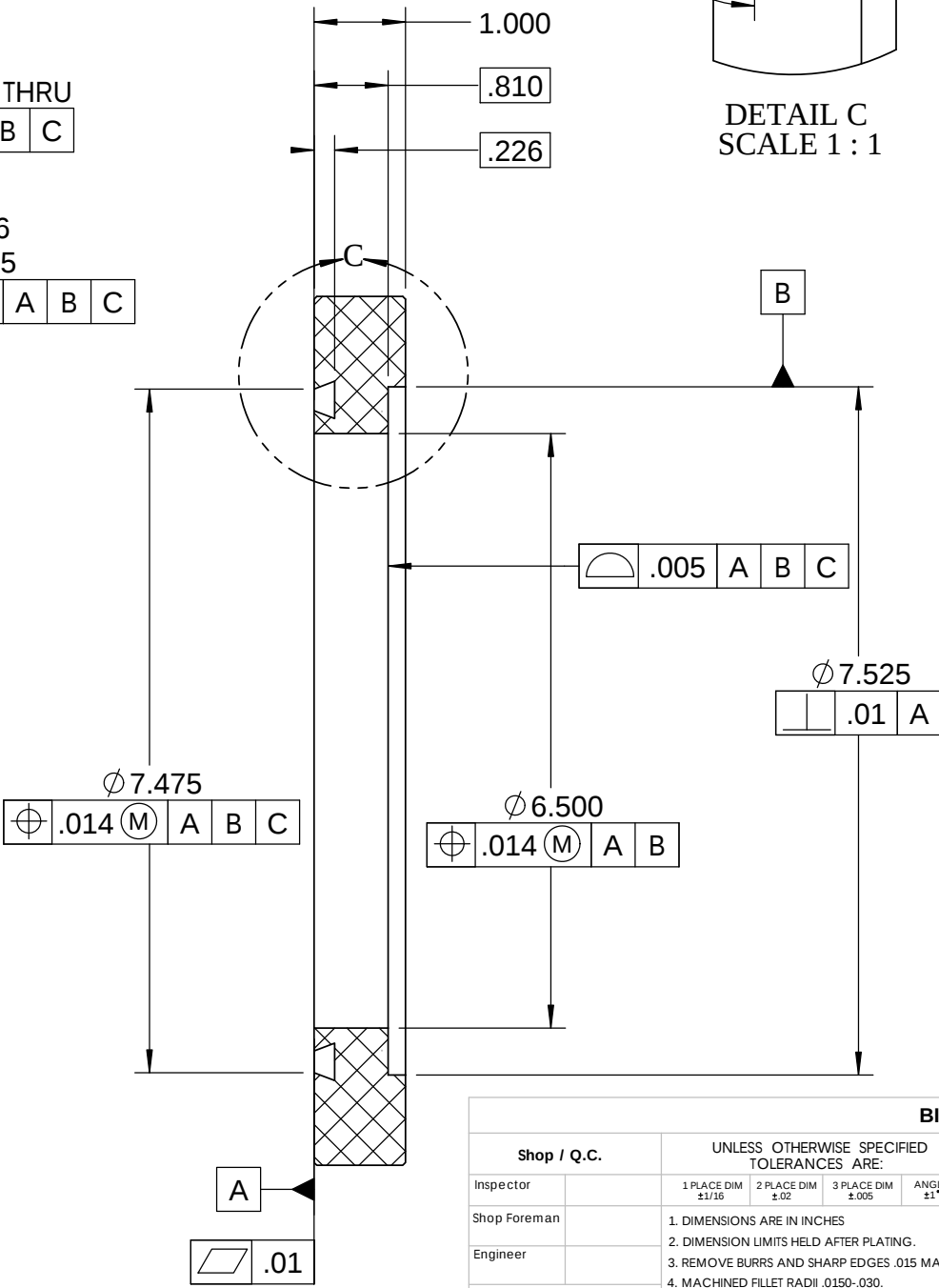
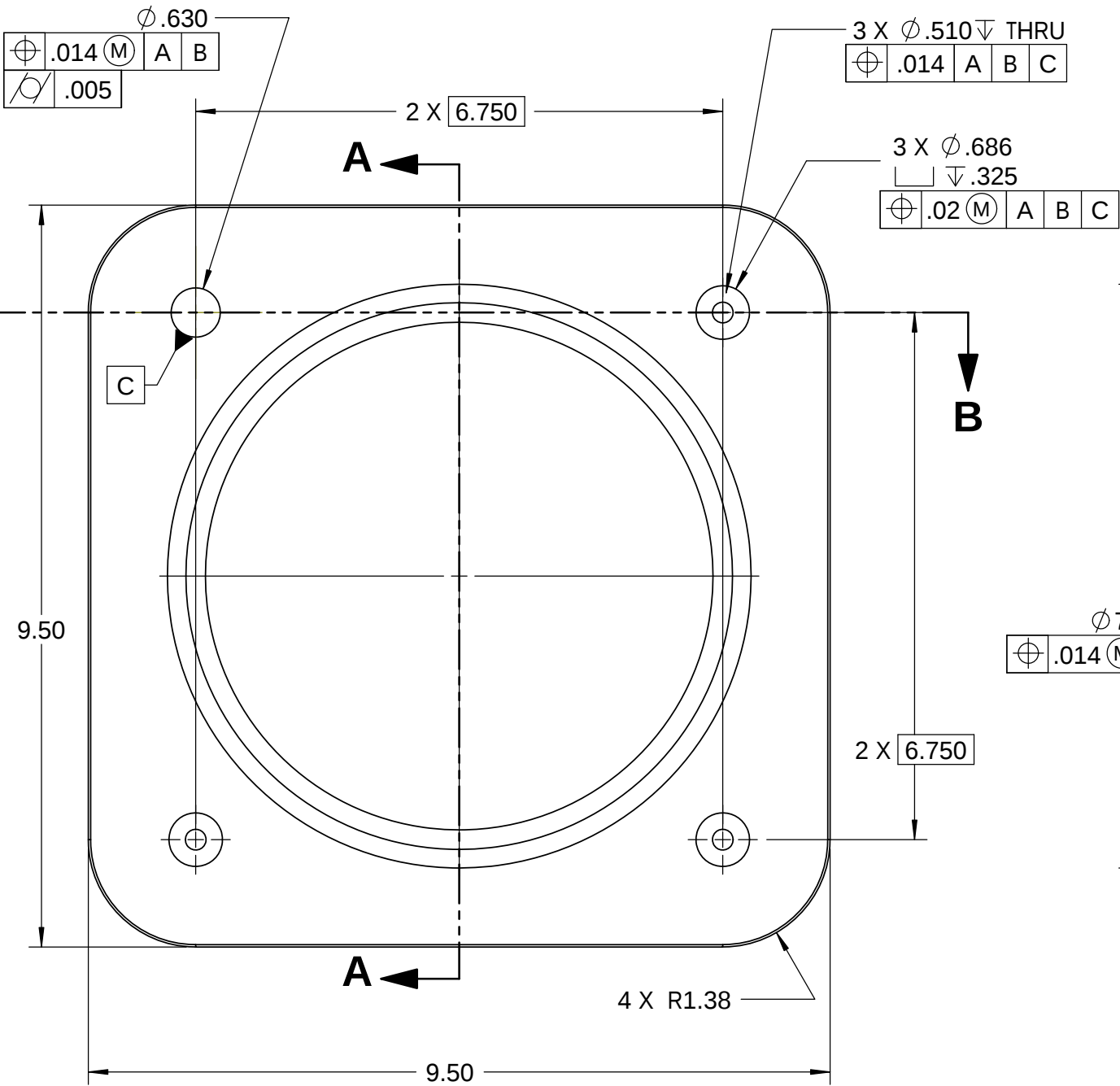
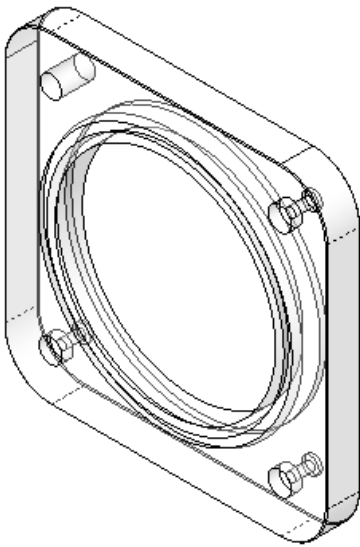
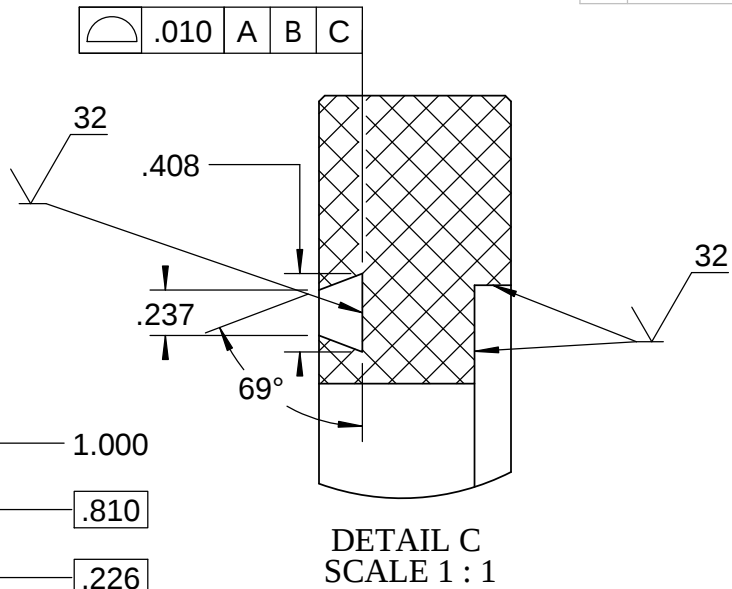
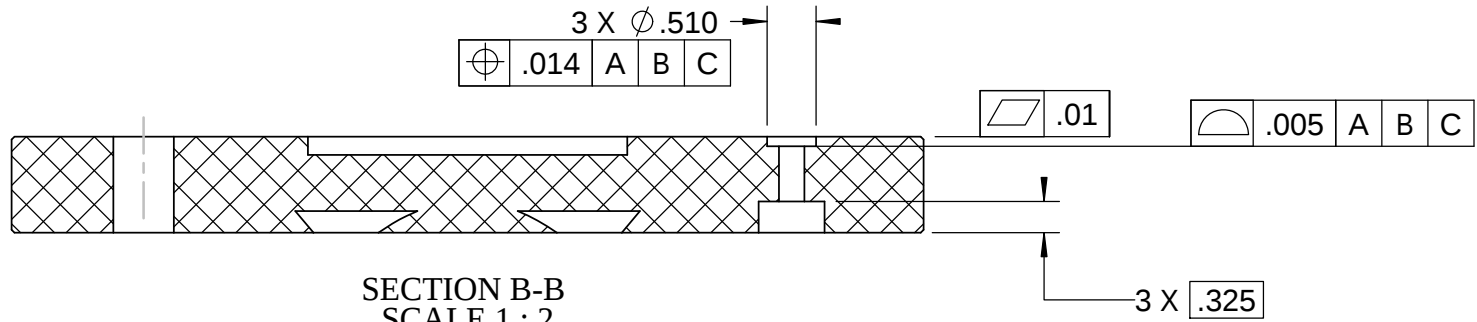
BILL OF MATERIALS

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	C OKUDA	3/6/2013	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	C OKUDA	3/6/2013					
Engineer						CHECKED							
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.		300062		D SAMPLER DOOR BELL CRANK			
						PROJECT		DOC RICKETS					
Application		DO NOT SCALE DRAWING				WEIGHT				SIZE B	DWG. NO.	10020952DWG	REV.
										SCALE 1:1	CAD FILE: MECH ENG ON TORNADO		SHEET 1 OF 1

ANODIZE PER MIL8625F TYPE III CLASS -1

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
INITIAL RELEASE		3/6/2013	

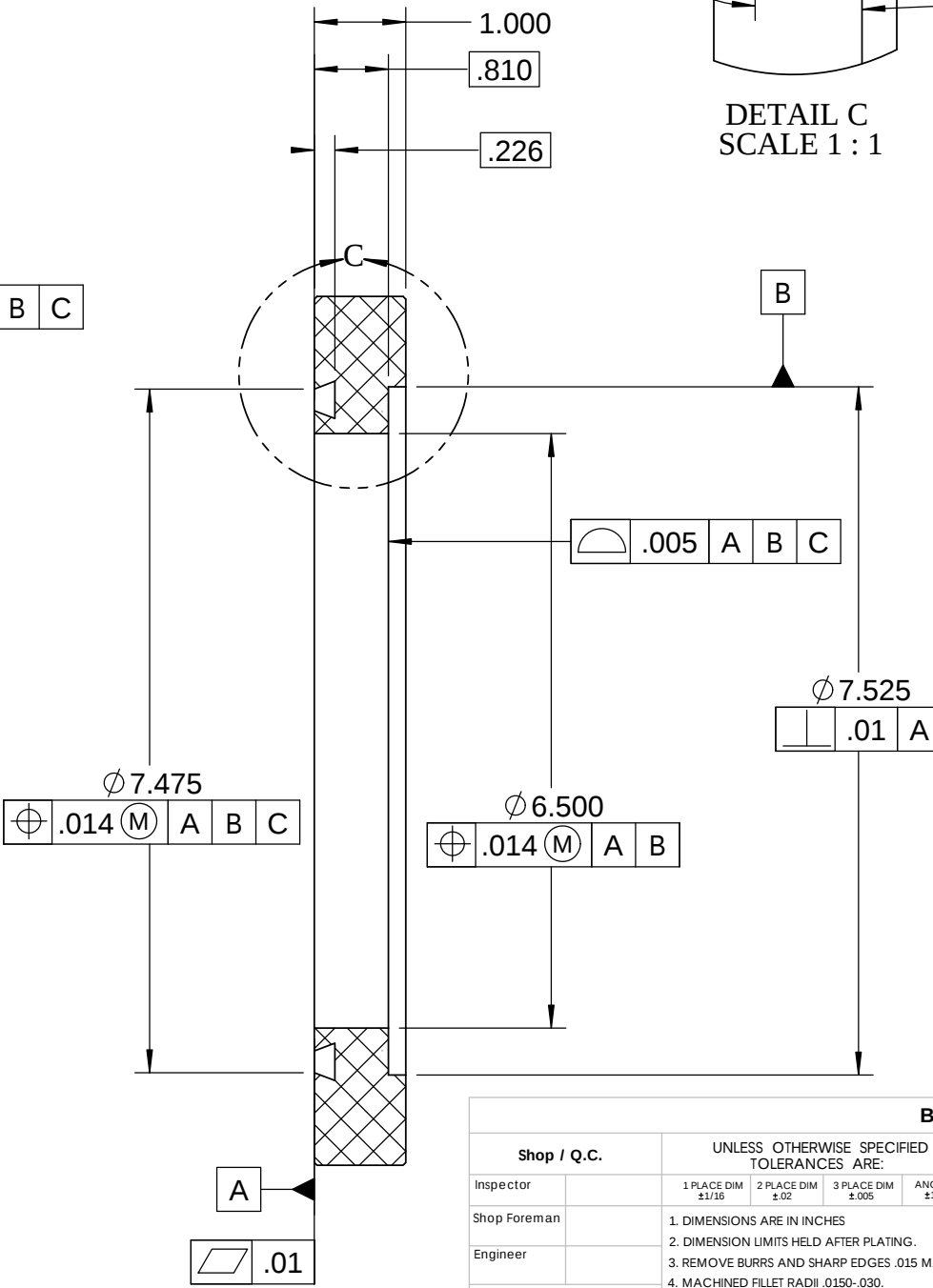
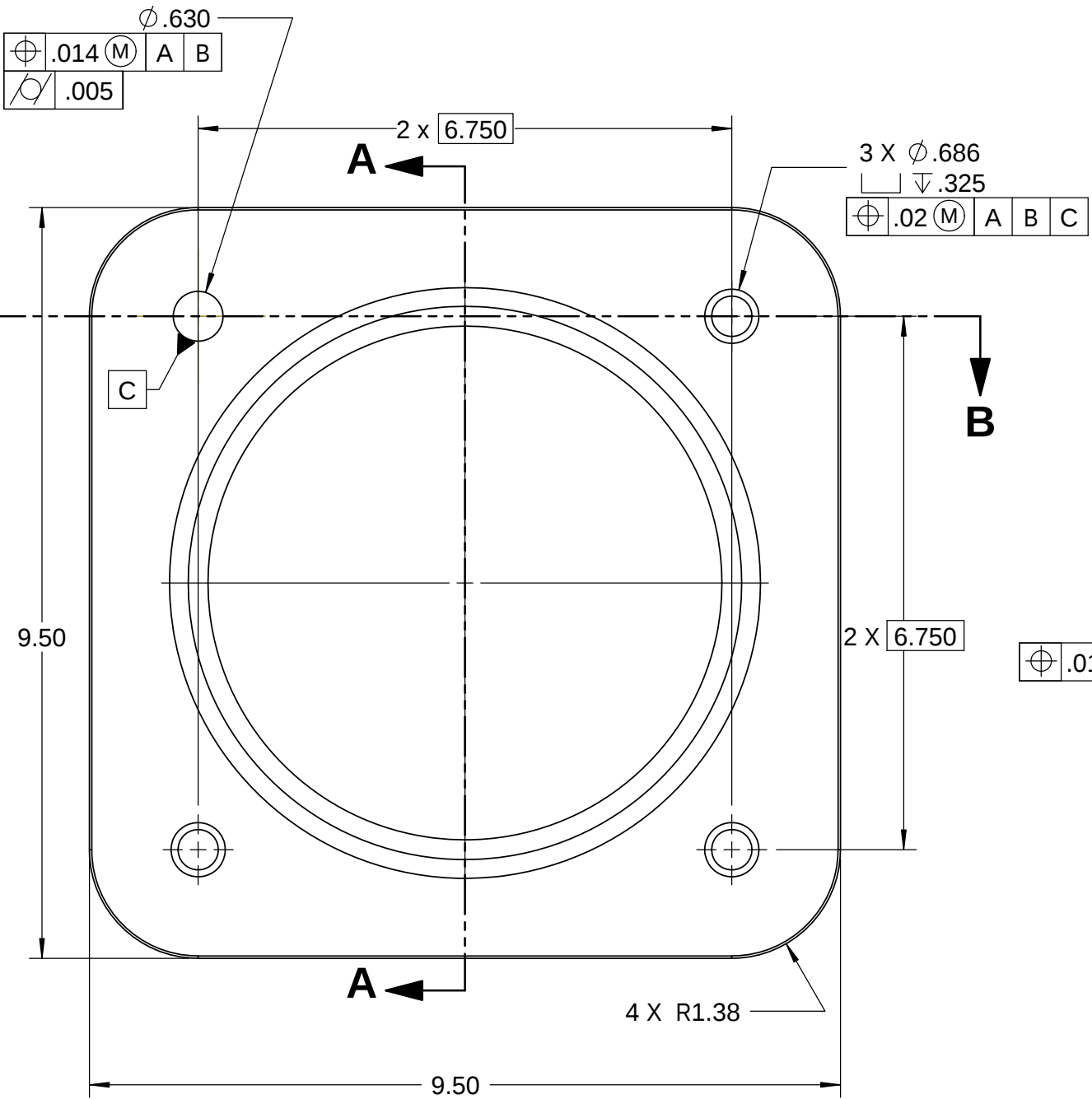
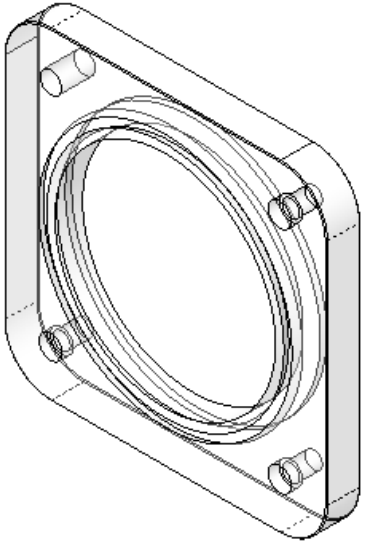
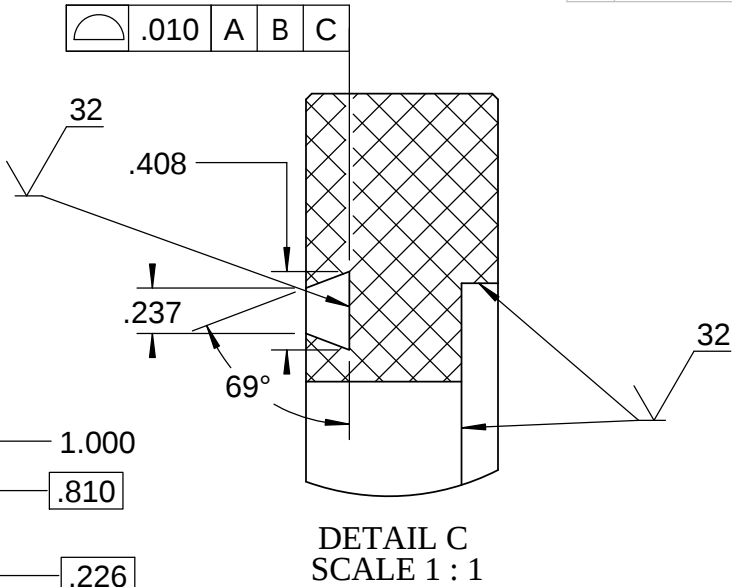
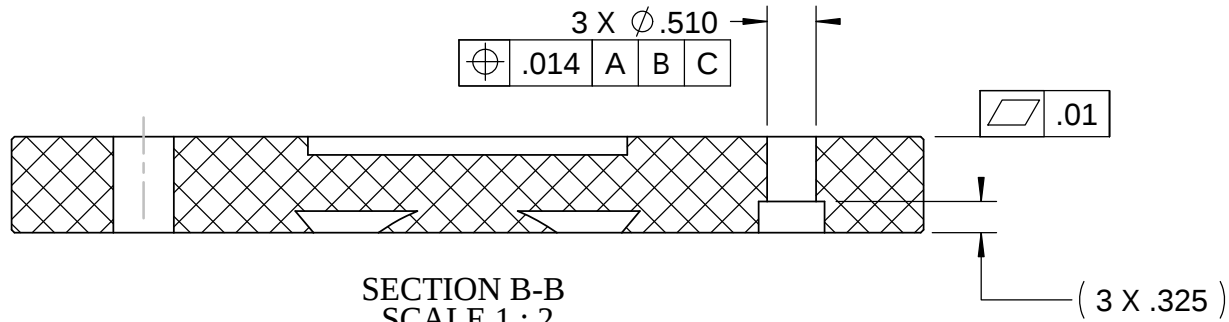


16 EACH ACRYLIC, CLEAR

BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	
Inspector		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$
Shop Foreman		3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$
Engineer		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.	
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.	
Application		DO NOT SCALE DRAWING	
		APPROVALS	DATE
		DRAWN C OKUDA	3/6/2013
		ENGINEER C OKUDA	3/6/2013
		CHECKED	
		PROJECT NO.	300062
		PROJECT	DOC RICKETS
		WEIGHT	
		Monterey Bay Aquarium Research Institute	
		MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
		D SAMPLER GLUE END PLATE TOP	
		SIZE B	DWG. NO. 10020965DWG
		SCALE 1:4	REV.
		CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 1

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
INITIAL RELEASE		3/6/2013	

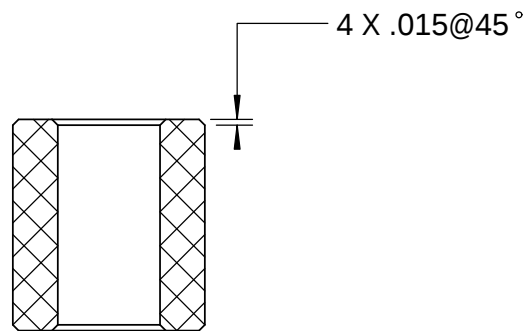
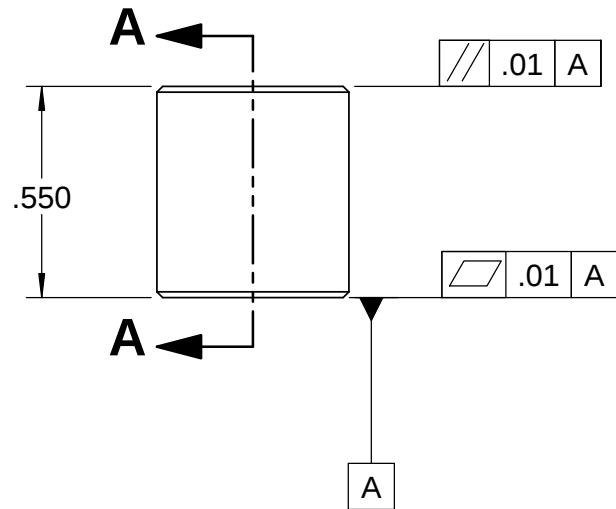
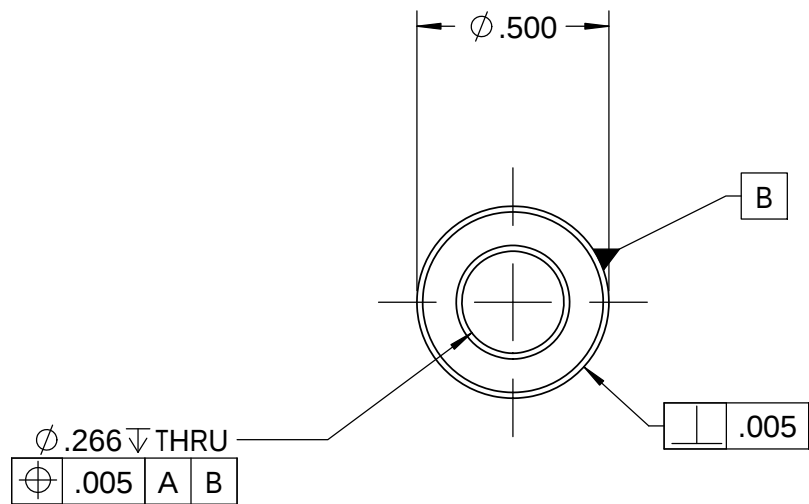
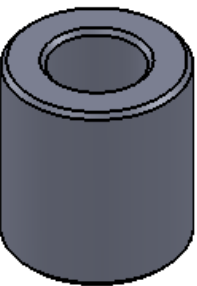


16 EACH ACRYLIC, CLEAR

BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	
Inspector		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$
Shop Foreman		3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$
Engineer		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.	
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.	
Application		DO NOT SCALE DRAWING	
		APPROVALS	DATE
		DRAWN C OKUDA	3/6/2013
		ENGINEER C OKUDA	3/6/2013
		CHECKED	
		PROJECT NO.	300062
		PROJECT	DOC RICKETS
		WEIGHT	
		Monterey Bay Aquarium Research Institute	
		MBARI	
		7700 Sandholdt RD.	
		Moss Landing, CA 95039	
		PH: (831) 775-1700	
		D SAMPLER GLUE END PLATE BOT	
		SIZE B	DWG. NO. 10020964DWG
		SCALE 1:4	REV.
		CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 1

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	1/27/10	



SECTION A-A
SCALE 2 : 1

8 EACH DELRIN, WHITE

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	C OKUDA	3/6/2013								
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	C OKUDA	3/6/2013								
Engineer						CHECKED										
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	300062									
		PROJECT	DOC RICKETS		ASSEMBLY ROD SPACER											
Application		DO NOT SCALE DRAWING				WEIGHT		<table><tr><td>SIZE B</td><td>DWG. NO.</td><td>REV.</td></tr><tr><td></td><td>10020967DWG</td><td></td></tr></table>			SIZE B	DWG. NO.	REV.		10020967DWG	
SIZE B	DWG. NO.	REV.														
	10020967DWG															
						SCALE 1:1		CAD FILE: MECH ENG ON TORNADO		SHEET 1 OF 1						