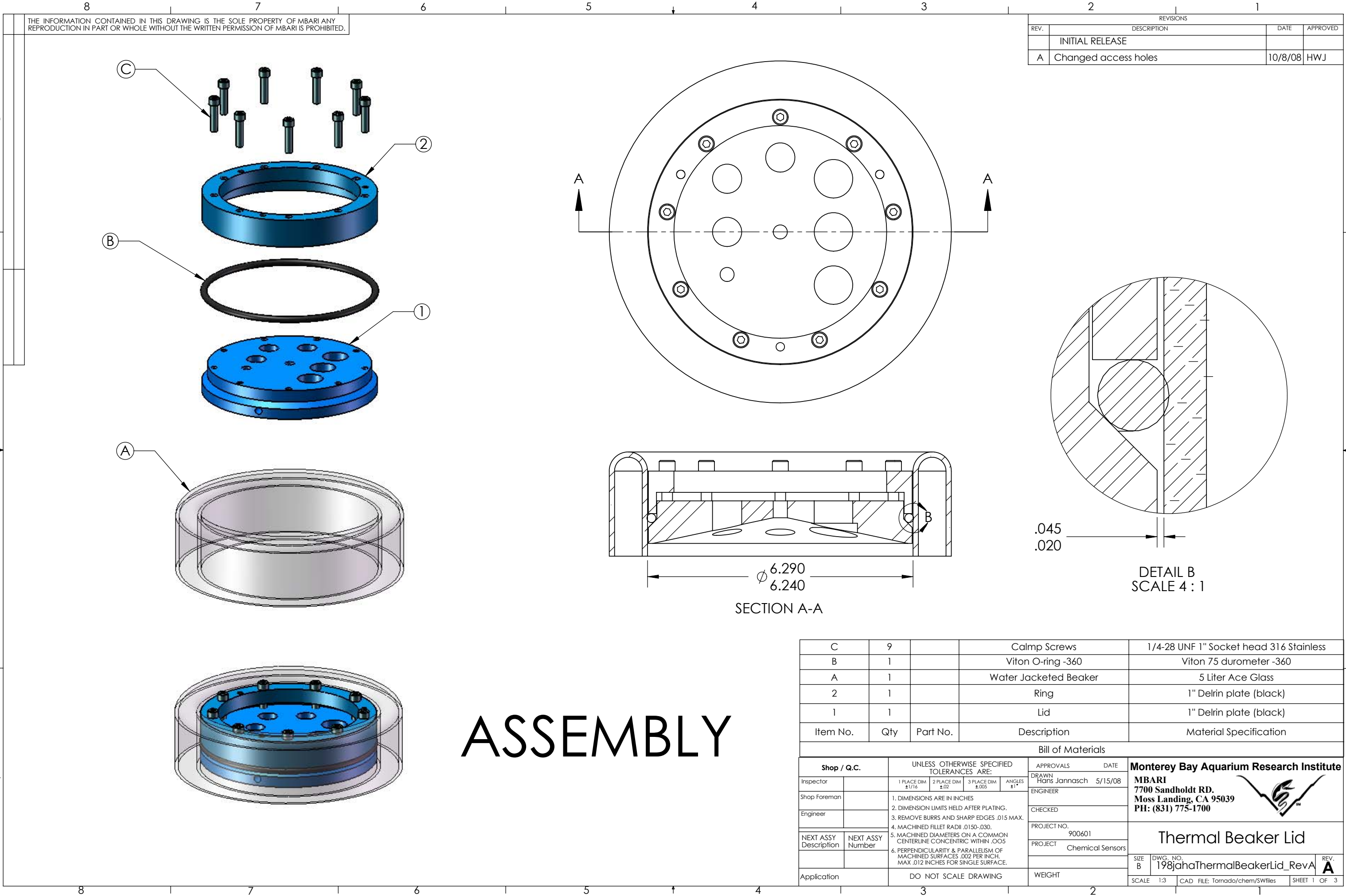
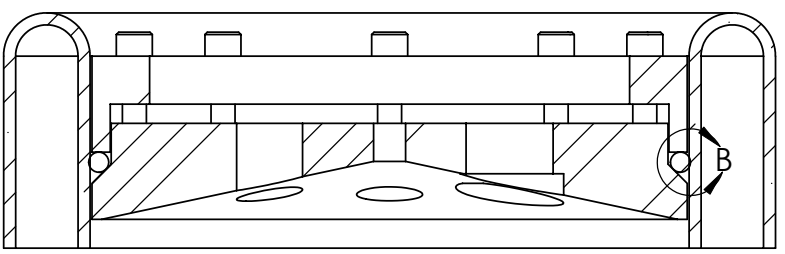
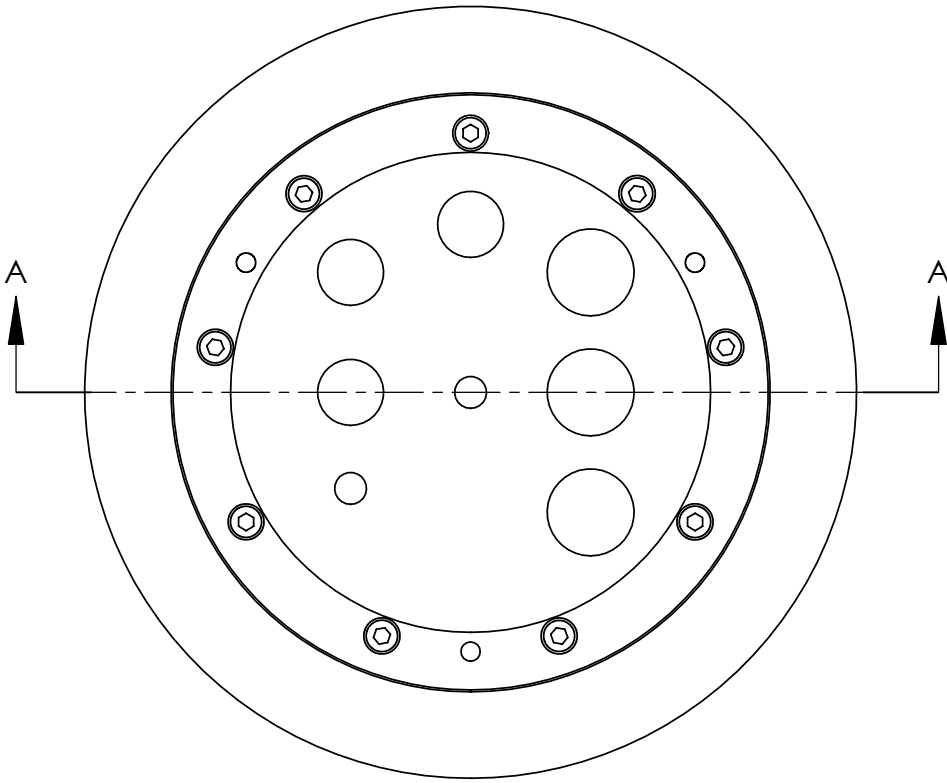


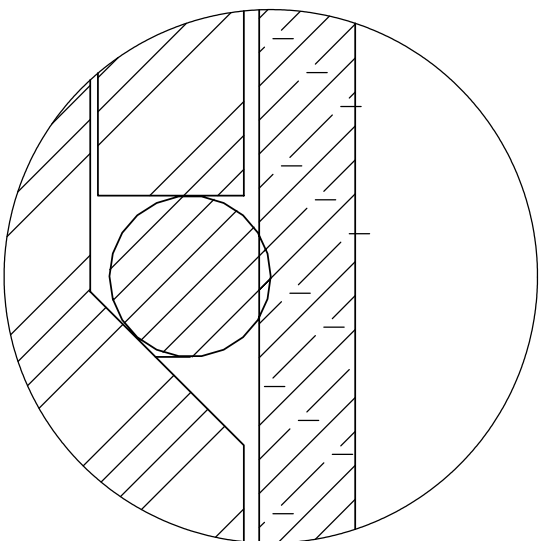


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		
A	Changed access holes	10/8/08	HWJ



SECTION A-A



DETAIL B
SCALE 4 : 1

ASSEMBLY

C	9		Calmp Screws	1/4-28 UNF 1" Socket head 316 Stainless
B	1		Viton O-ring -360	Viton 75 durometer -360
A	1		Water Jacketed Beaker	5 Liter Ace Glass
2	1		Ring	1" Delrin plate (black)
1	1		Lid	1" Delrin plate (black)
Item No.	Qty	Part No.	Description	Material Specification

Bill of Materials			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS DATE
Inspector		1 PLACE DIM ±1/16	DRAWN Hans Jannasch 5/15/08
Shop Foreman		2 PLACE DIM ±.02	ENGINEER
Engineer		3 PLACE DIM ±.005	CHECKED
NEXT ASSY Description	NEXT ASSY Number	ANGLES ±1°	PROJECT NO. 900601
		1. DIMENSIONS ARE IN INCHES	PROJECT Chemical Sensors
		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

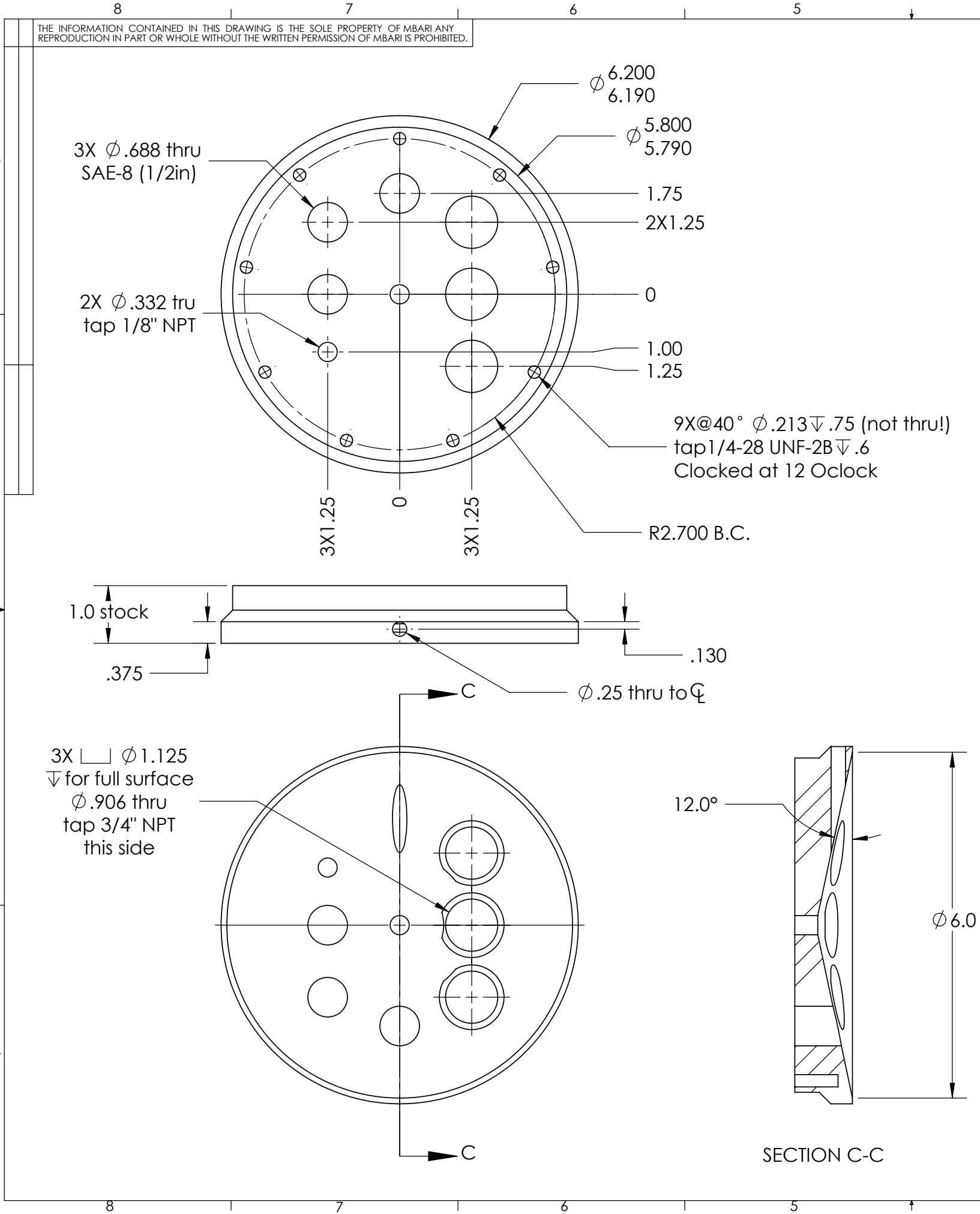
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Moss Landing, CA 95039
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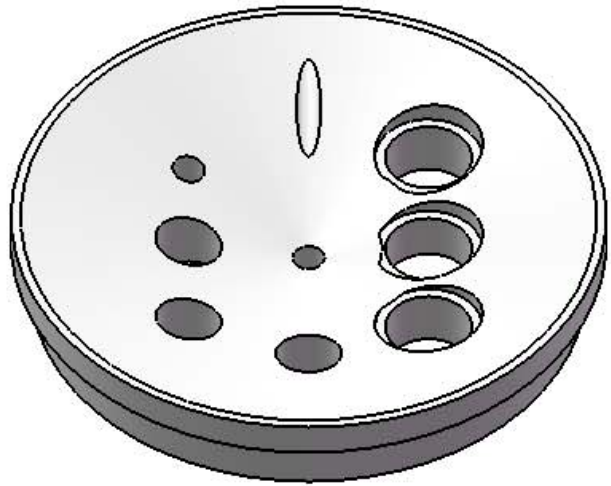
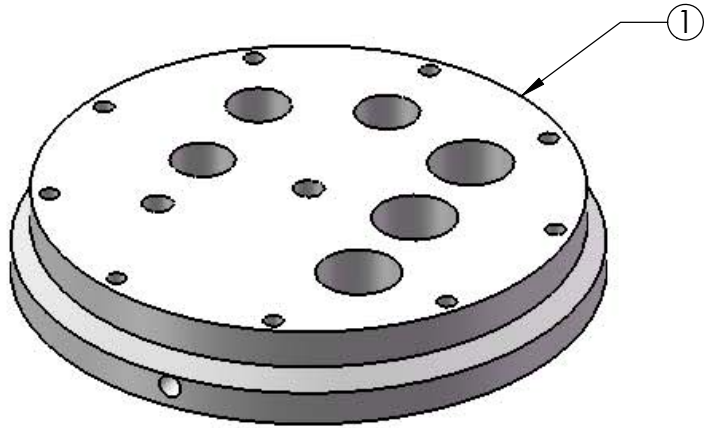
Thermal Beaker Lid

SIZE B DWG. NO. 198jahaThermalBeakerLid_RevA REV. A

SCALE 1:3 CAD FILE: Tornado/chem/SWfiles SHEET 1 OF 3



REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		
A	Changed access holes	10/8/08	HWJ

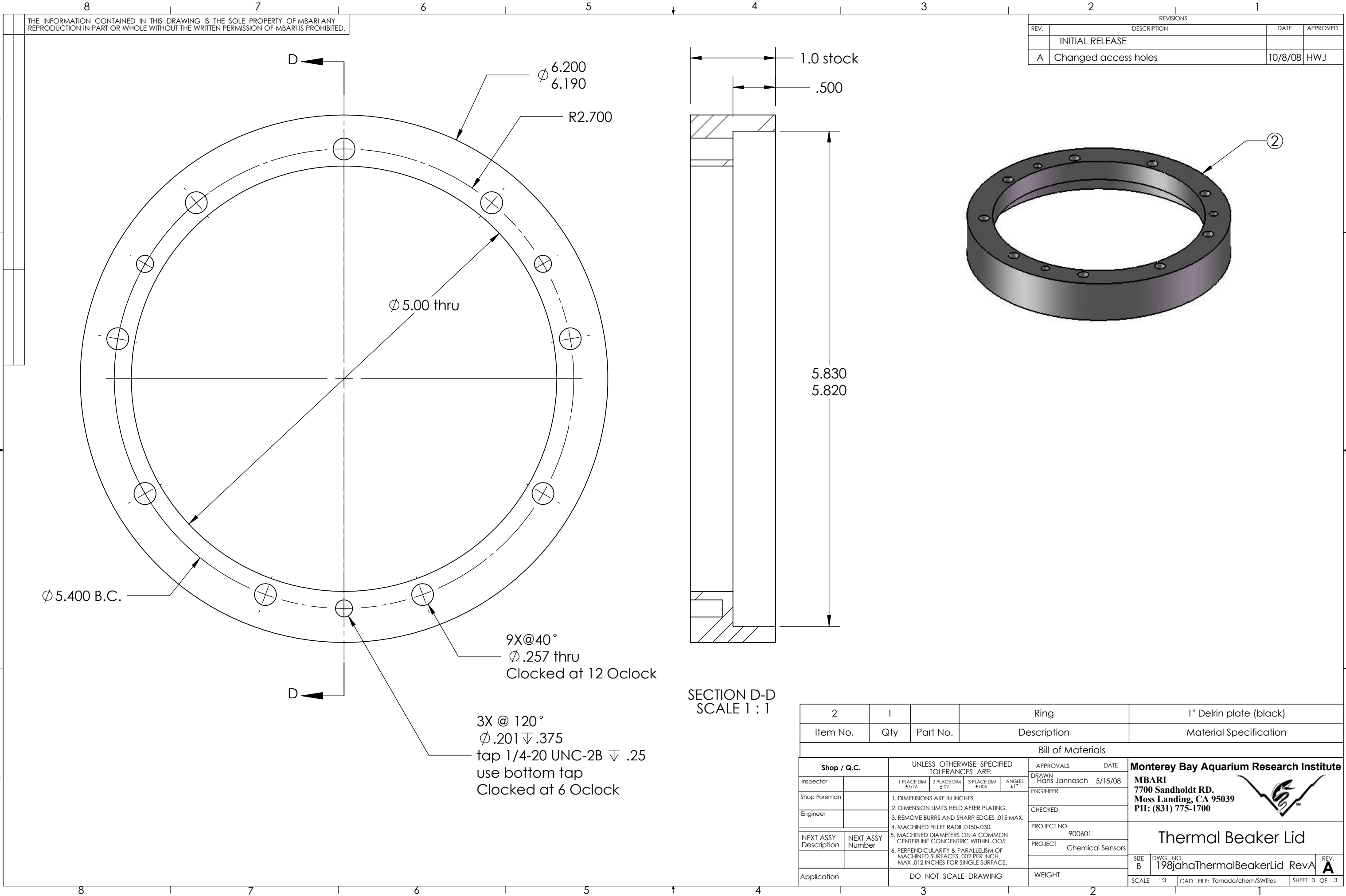


1		1		Lid		1" Delrin plate (black)		
Item No.		Qty	Part No.	Description		Material Specification		
Bill of Materials								
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Hans Jannasch 5/15/08		
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	CHECKED		
Engineer					PROJECT NO. 900601	PROJECT Chemical Sensors		
NEXT ASSY Description	NEXT ASSY Number						Thermal Beaker Lid	
Application		DO NOT SCALE DRAWING			WEIGHT			
						SIZE B	DWG. NO. 198jahaThermalBeakerLid_RevA	REV. A
						SCALE 1:3	CAD FILE: Tornado/chem/SWfiles	SHEET 2 OF 3

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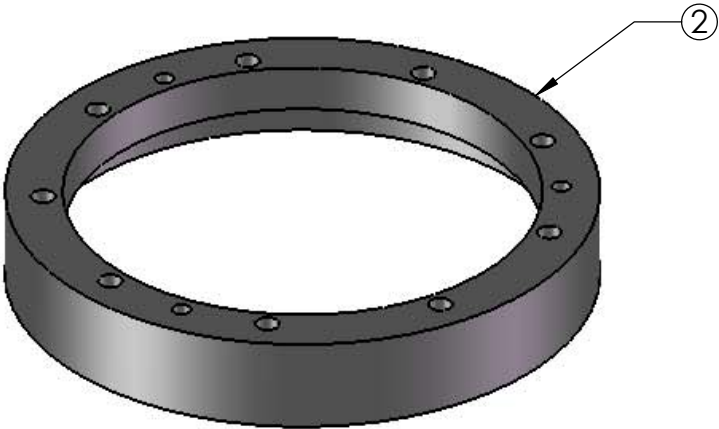


Thermal Beaker Lid



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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		
A	Changed access holes	10/8/08	HWJ



SECTION D-D
SCALE 1 : 1

2	1		Ring	1" Delrin plate (black)
Item No.	Qty	Part No.	Description	Material Specification
Bill of Materials				
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	DRAWN Hans Jannasch 5/15/08
Shop Foreman		3 PLACE DIM ±.005	ANGLES ±1°	ENGINEER
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.		CHECKED
NEXT ASSY Description	NEXT ASSY Number	PROJECT NO. 900601		PROJECT Chemical Sensors
Application		DO NOT SCALE DRAWING		WEIGHT
				SIZE B
				DWG. NO. 198jahaThermalBeakerLid_RevA
				REV. A
				SCALE 1:3
				CAD FILE: Tornado/chem/SWfiles
				SHEET 3 OF 3

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Thermal Beaker Lid