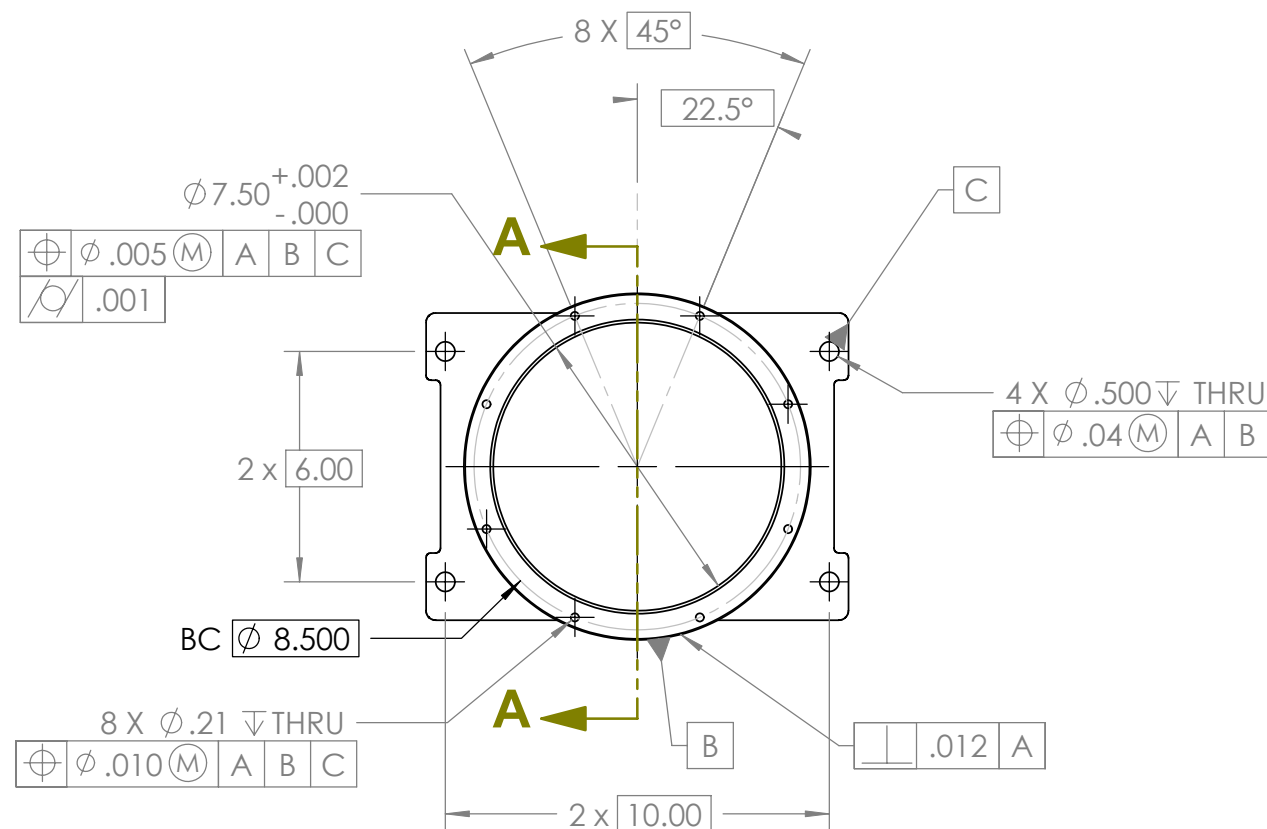


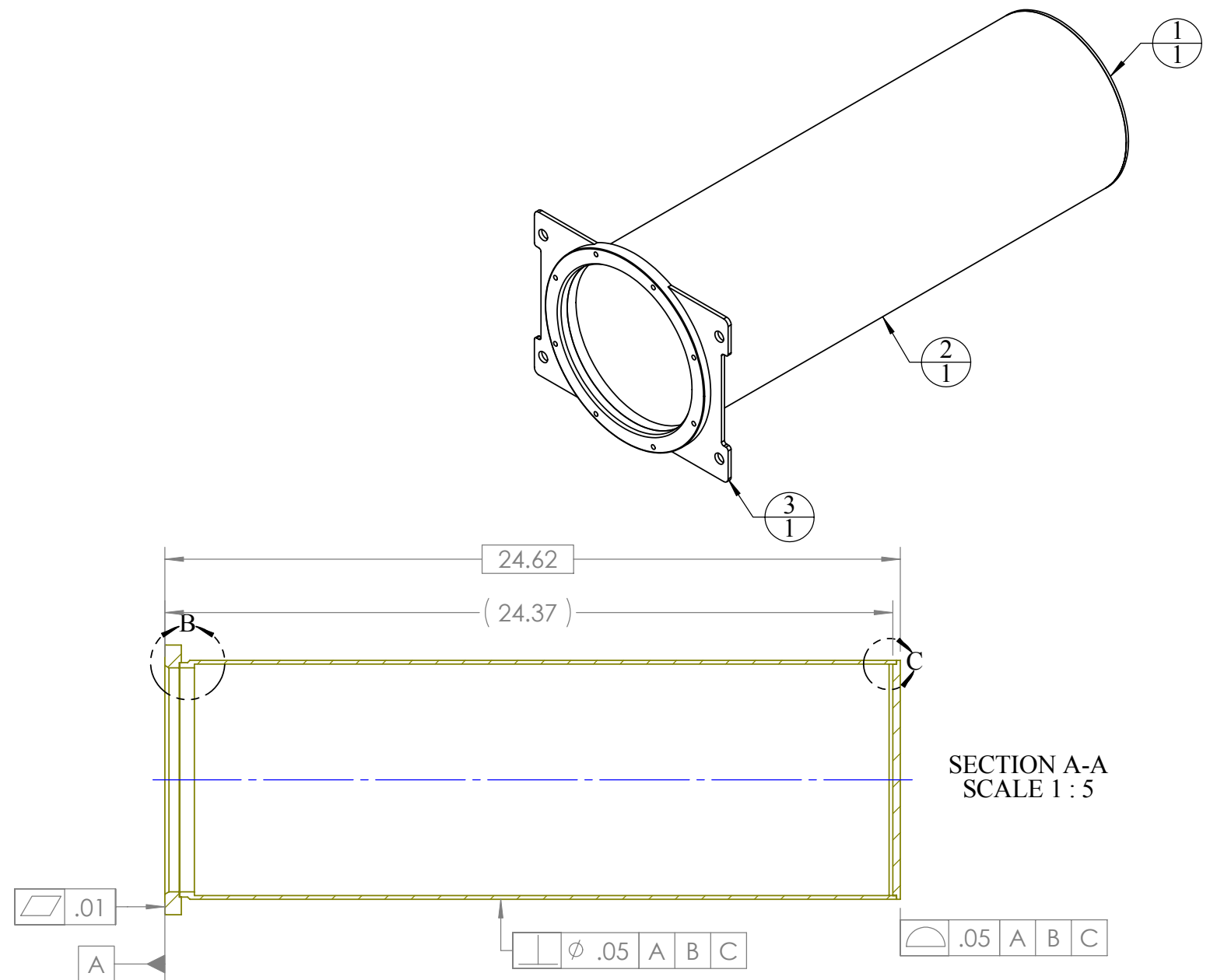
DETAIL B
SCALE 1 : 2

DETAIL C
SCALE 1 : 2



NOTES CONTINUED FROM TITLE BLOCK

1. ANODIZE PRE MIL-8625F TYPE IIB CLASS-2 HARD CLEAR
2. ALL DIMENSIONS HELD AFTER OVEN BRAZE
3. PRESSURE TEST BEFORE PLATING TO 10 PSI FOR 12 HRS.
4. BREAK ALL EXTERIOR EDGES .02

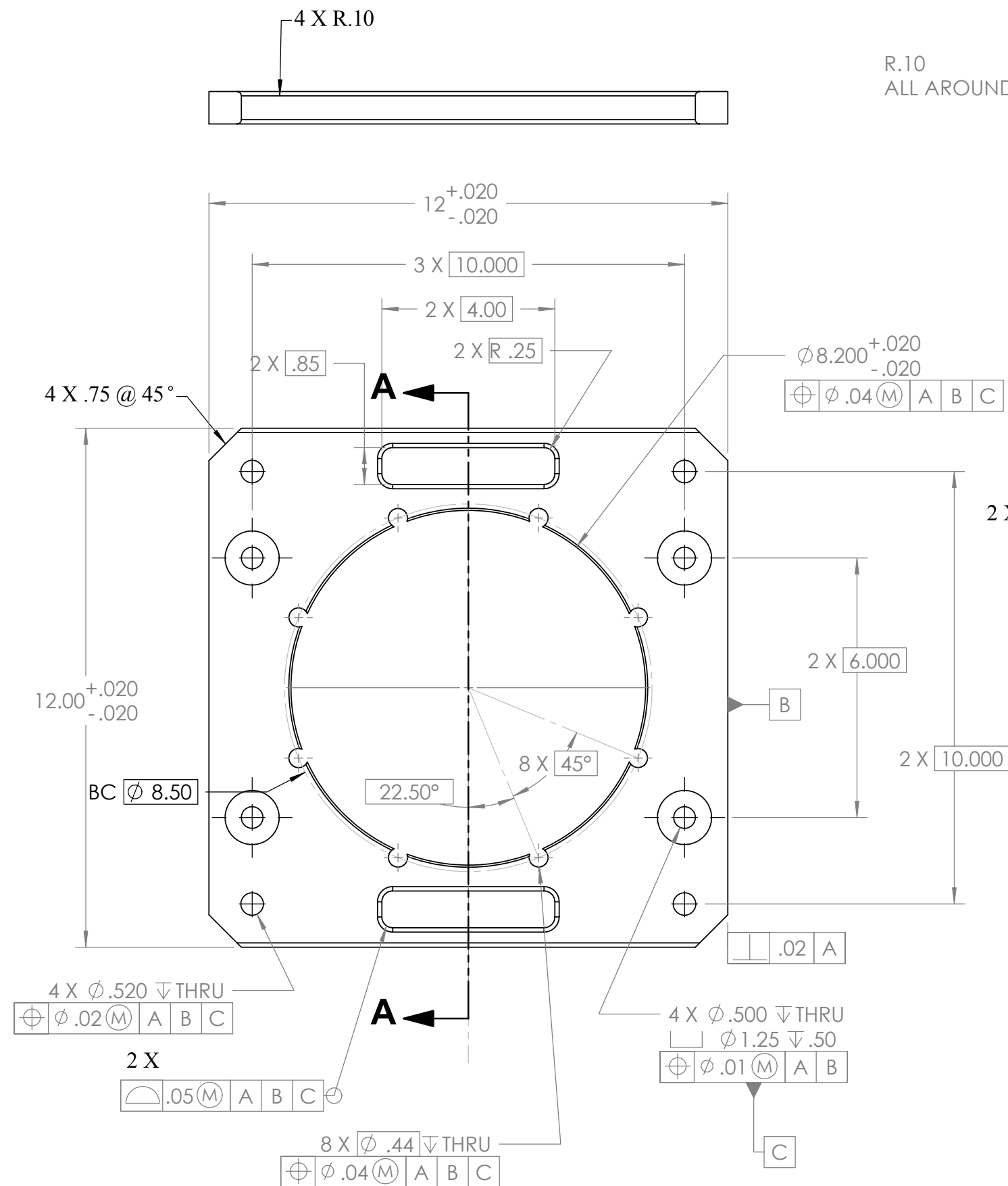


ITEM NO	QTY.	PART NO.	DESCRIPTION	DRAWING NUMBER
1	1	oasis3 can base	6061 T-6	1001782.DWG
2	1	oasis3 can tube	6061 T-6	1001783.DWG
3	1	oasis3 can flange	6061 T-6	1001781.DWG
4	1	oasis3 tower adapter		

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  OASIS3 CAN WELDMENT			
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	C OKUDA	1/17/03					
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. 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	1/17/03					
Engineer						CHECKED							
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	300057						
		PROJECT	OASIS3		OASIS3 CAN WELDMENT								
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B		DWG. NO. 1001780DWG		REV. A	
		3						SCALE 1:8		CAD FILE: MECH ENG ON TORNADO		SHEET 1 OF 1	

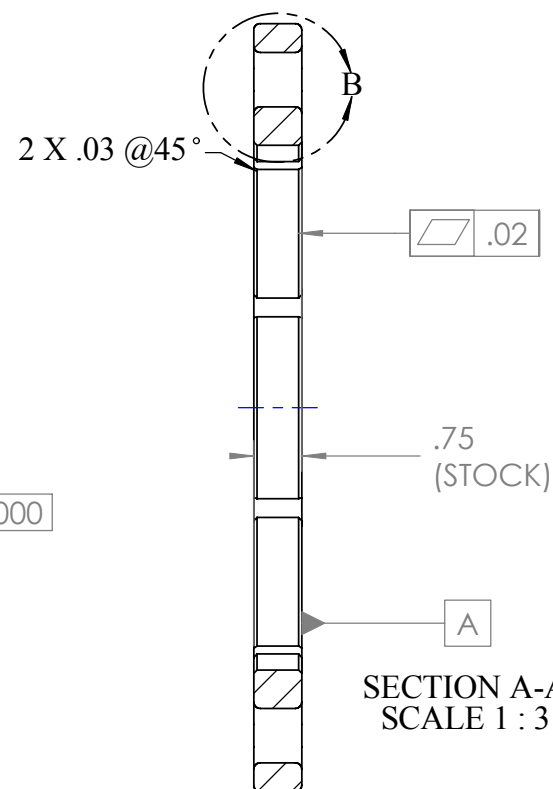
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	1/17/03	
A	ADD 8 BOLT CLEARANCE HOLES	3/13/03	

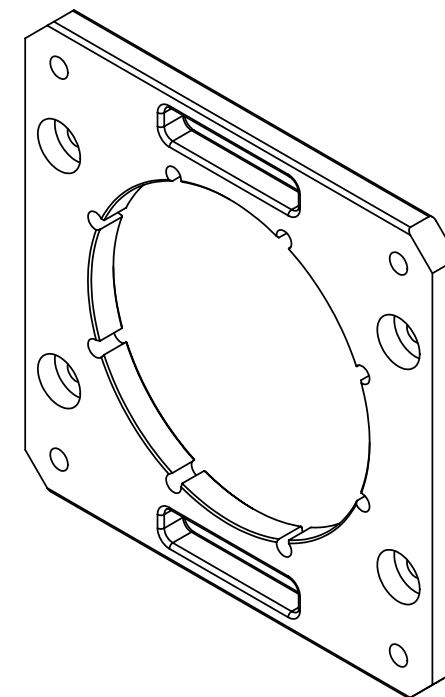


R.10
ALL AROUND

DETAIL B
SCALE 1 : 1



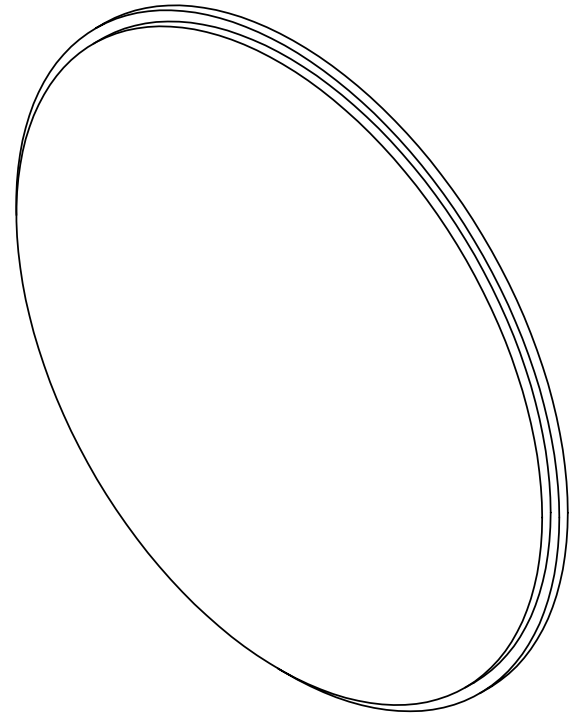
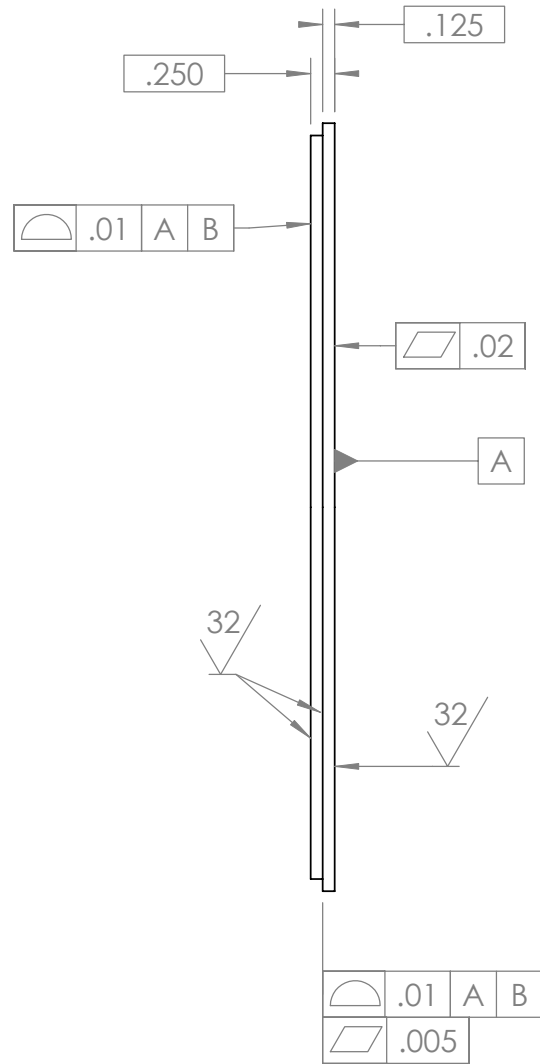
SECTION A-A
SCALE 1 : 3



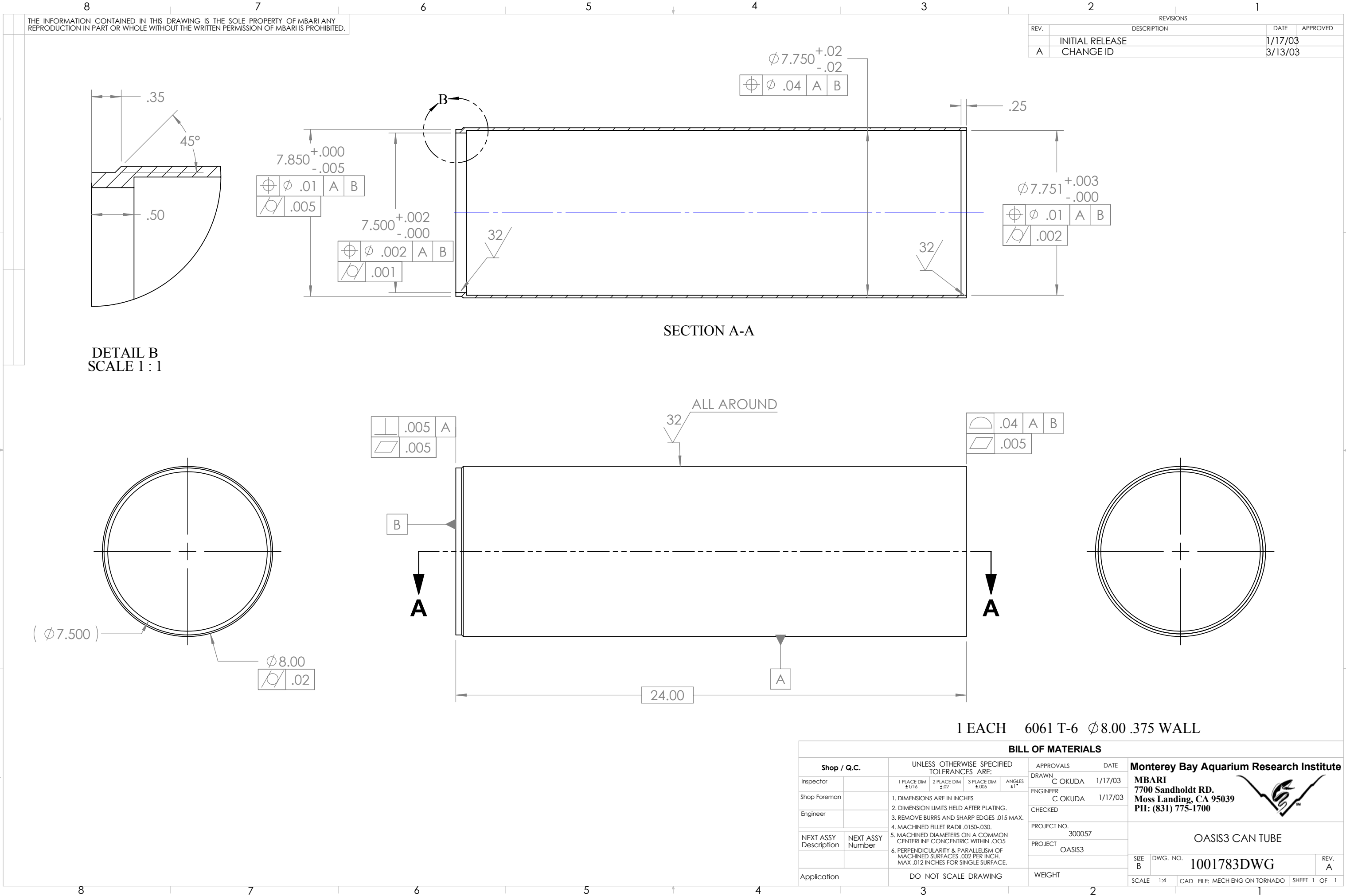
2 EACH UHMW-PE (VIRGIN WHITE)

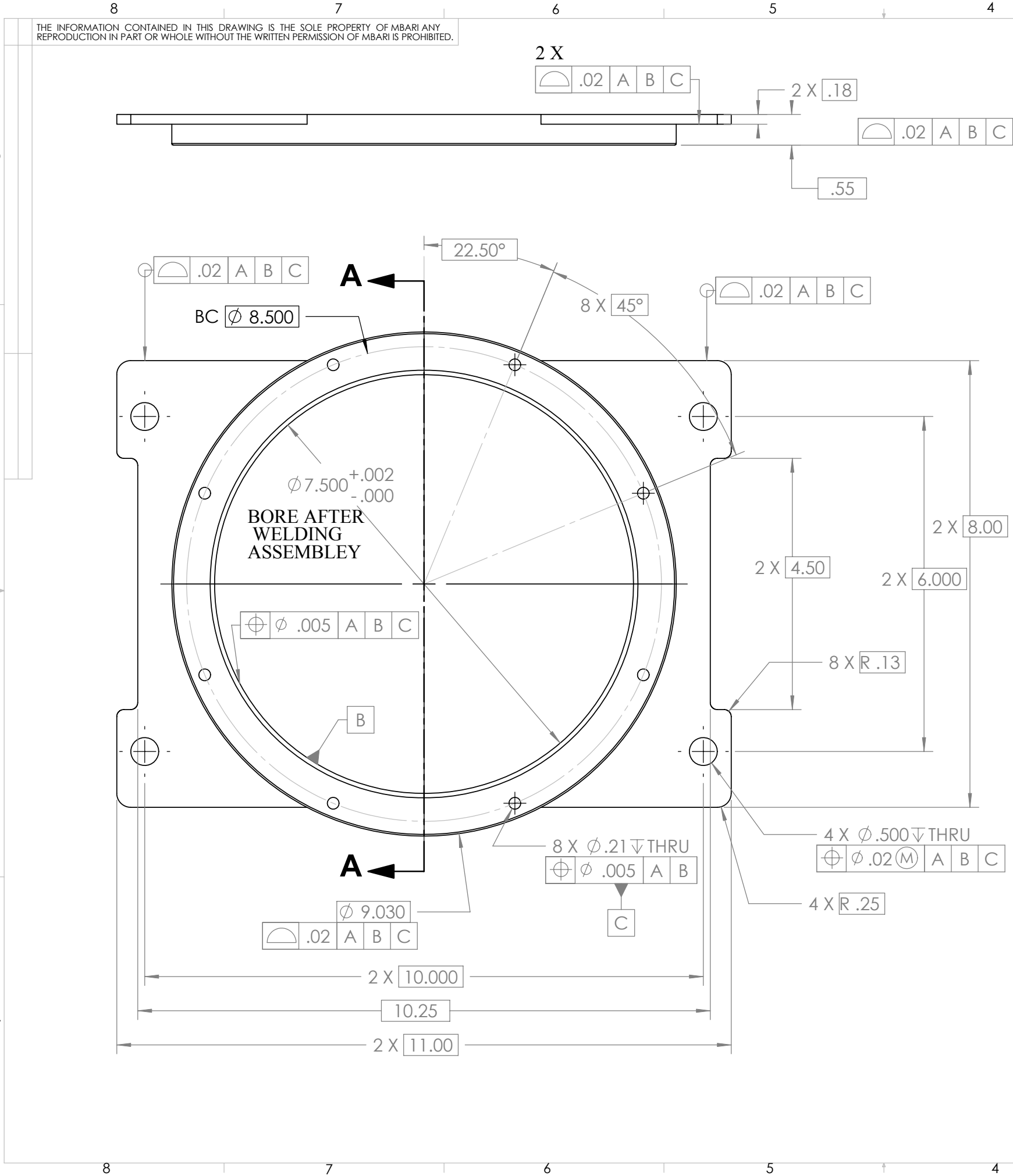
BILL OF MATERIALS											
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	C OKUDA	1/17/03			
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	C OKUDA	1/17/03			
Engineer											
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.		OASIS3 CAN TOWER ADAPTER	
								PROJECT			
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE	DWG. NO.	REV.	
								B	1001784DWG	A	
						SCALE	1:4	CAD FILE: MECH ENG ON TORNADO	SHEET	1 OF 1	

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	1/17/03	
A	CHANGE INNER DIA OF FLANGE	3/13/03	



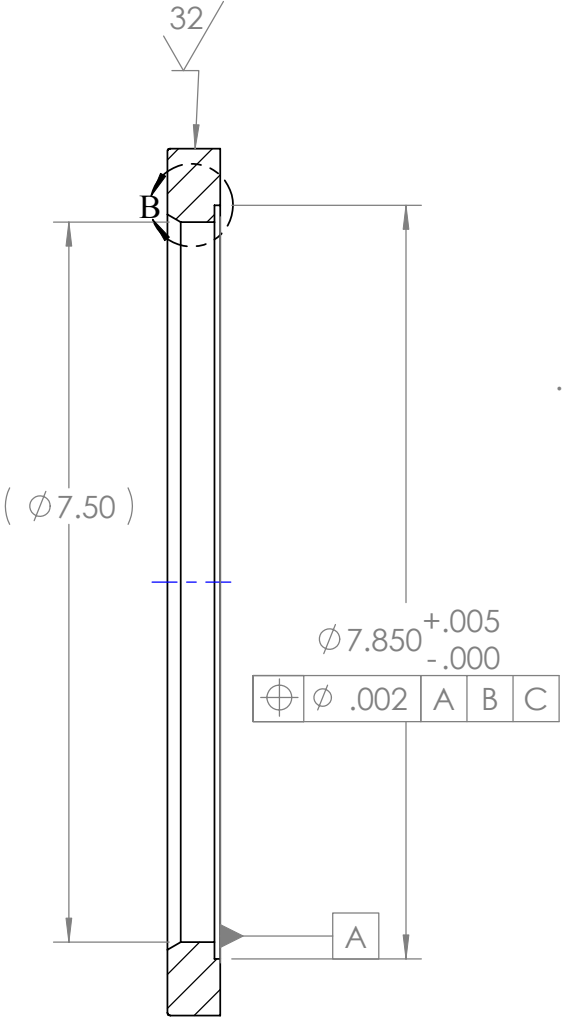
BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	C OKUDA	1/17/03	
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 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	1/17/03	
Engineer						CHECKED			
						PROJECT NO.	300057		
NEXT ASSY Description	NEXT ASSY Number					PROJECT	OASIS3		
						SIZE B	DWG. NO.		REV. A
Application		DO NOT SCALE DRAWING				WEIGHT			
						SCALE 1:2	CAD FILE: MECH ENG ON TORNADO		SHEET 1 OF 1





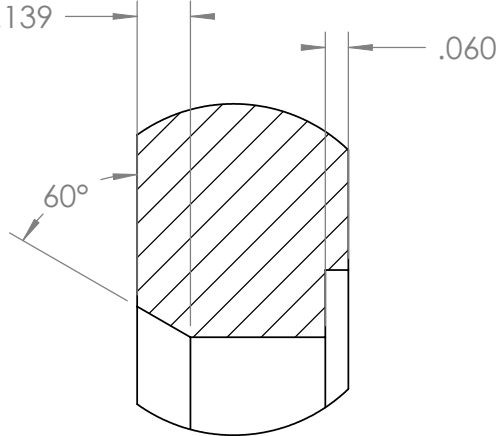
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	1/17/03	

32 FINISH ALL OVER



SECTION A-A

1 EACH 6061 T-6



DETAIL B
SCALE 2 : 1

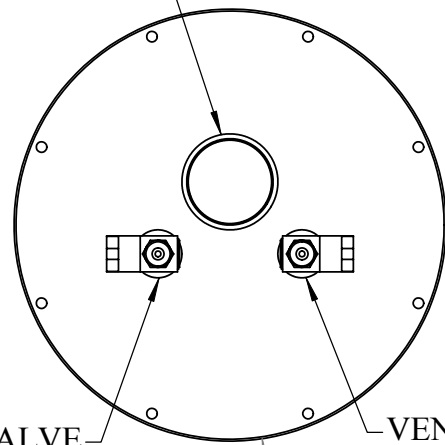
BILL OF MATERIALS			
Shop / Q.C.		APPROVALS	DATE
Inspector		DRAWN C OKUDA	1/17/03
Shop Foreman		ENGINEER C OKUDA	1/17/03
Engineer		CHECKED	
NEXT ASSY Description	NEXT ASSY Number	PROJECT NO. 300057	
		PROJECT OASIS3	
Application	DO NOT SCALE DRAWING	WEIGHT	
		SCALE 1:2	CAD FILE: MECH ENG ON TORNADO
		SHEET 1 OF 1	

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



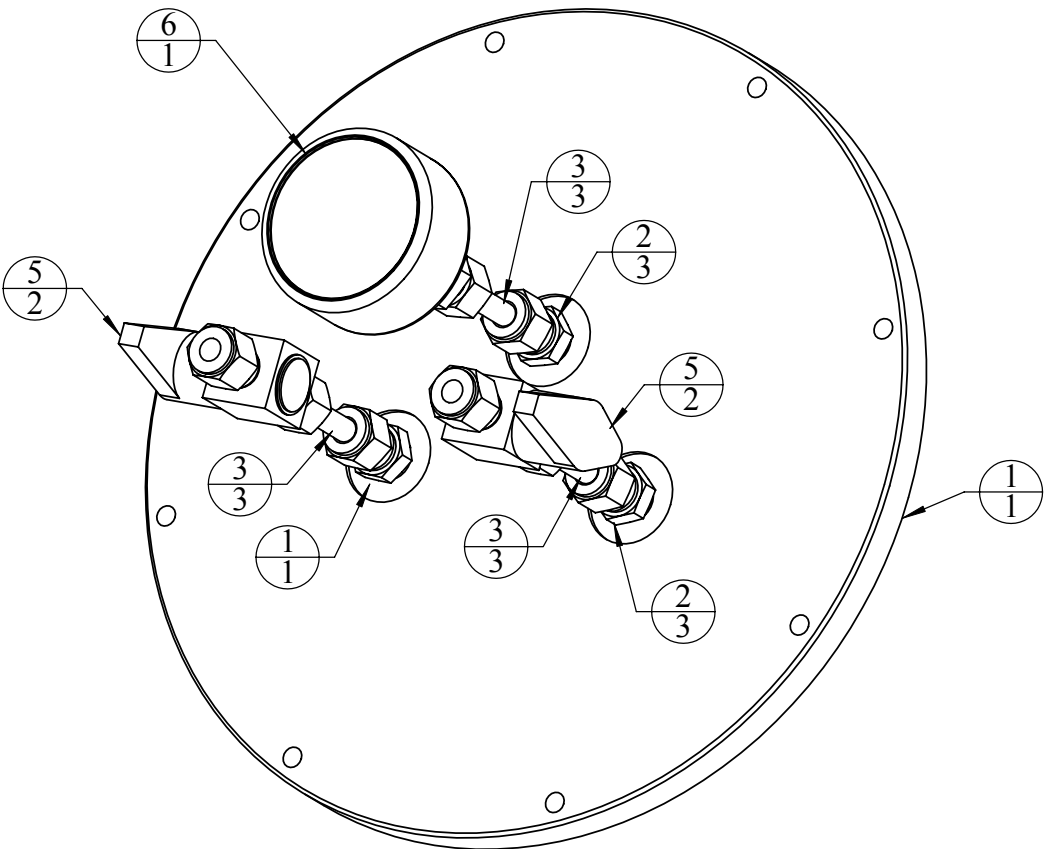
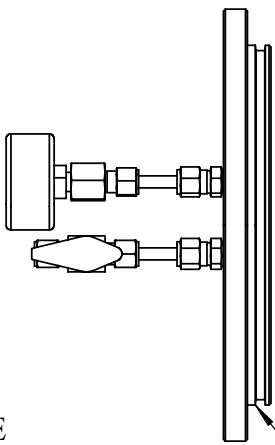
OASIS3 CAN FLANGE

SIZE B DWG. NO. 1001781DWG REV. A



VENT VALVE

USE 2-265 AND 2-263 O-RINGS



ITEM NO.	QTY	PART NO.	DESCRIPTION
1	1	NMC can test cap	1001456DWG
2	3	SS-400-1-4	Swagelok Male Conn x NPT
3	3	ss-4 x 2 tubing	1/4 X 2" Swagelock tubing
4	1	ss-400-7-4rt	Swagelok Female Conn x NPT
5	2	ss-4p4t-m1	Swagelok Plug Valve
6	1	2 in CBM 30 psi gauge	3850K5 0-30/0-15 (McMaster)

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	4/5/02	Monterey Bay Aquarium Research Institute 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 RADI .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	4/5/02	
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.		600029	
		PROJECT		NMC		NMC CAN TEST CAP ASSY			
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B DWG. NO. REV. 1001461DWG —	
						SCALE 1:2		CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 1	

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

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	4/4/02	
	change dia to 8.00"	4/8/02	

D

C

B

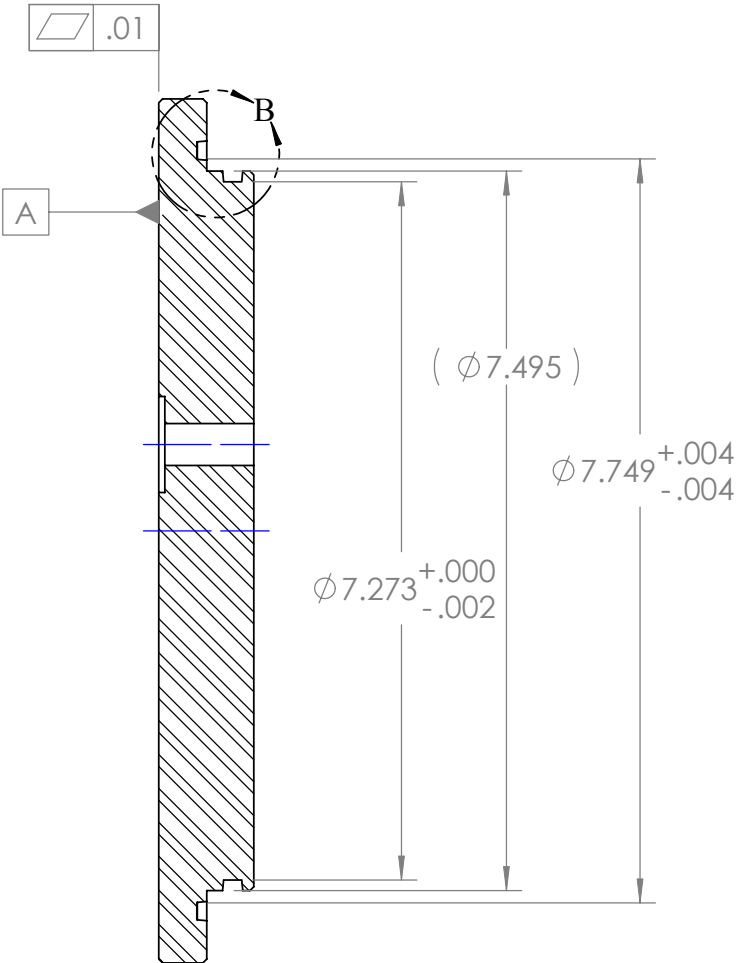
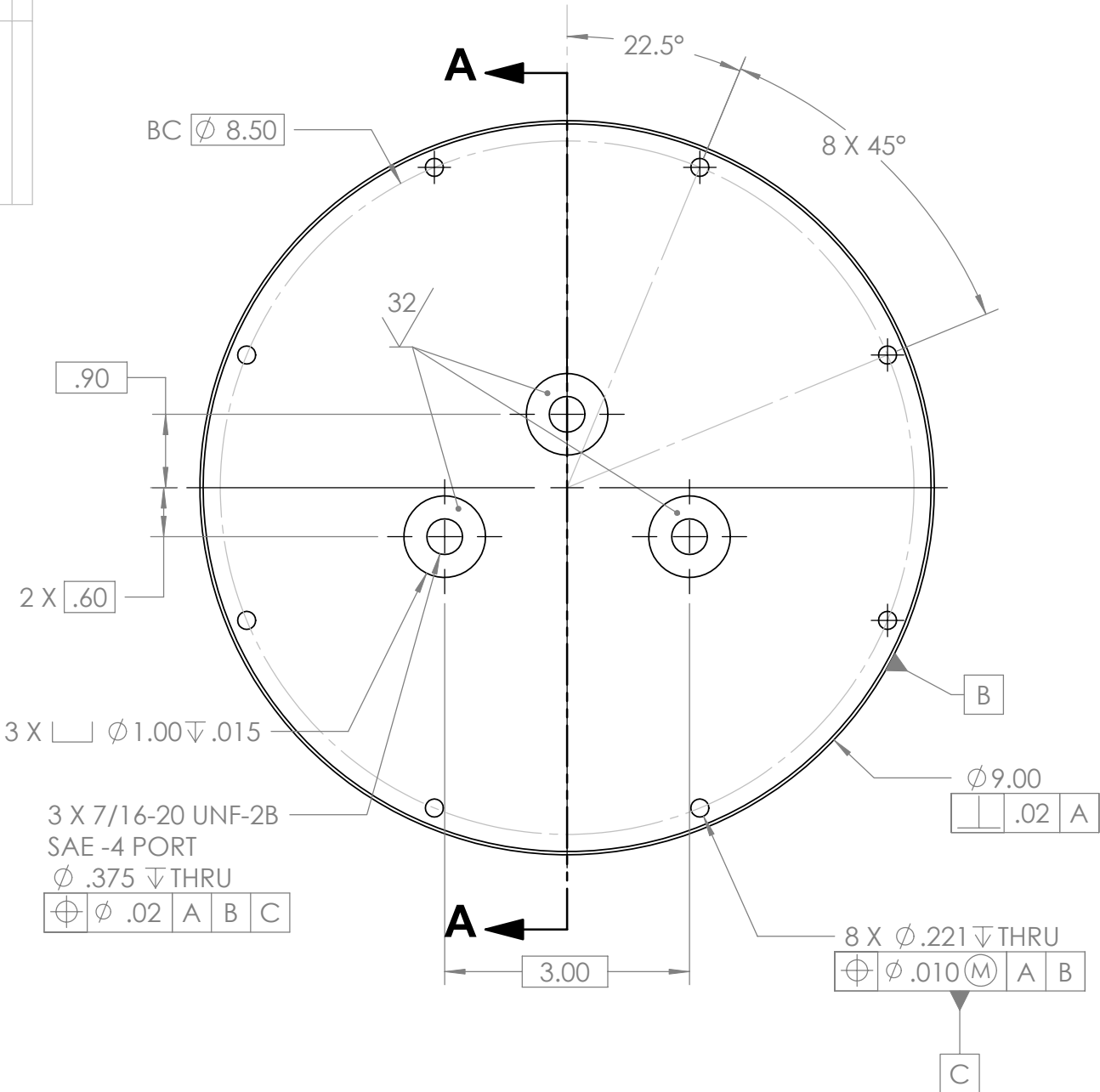
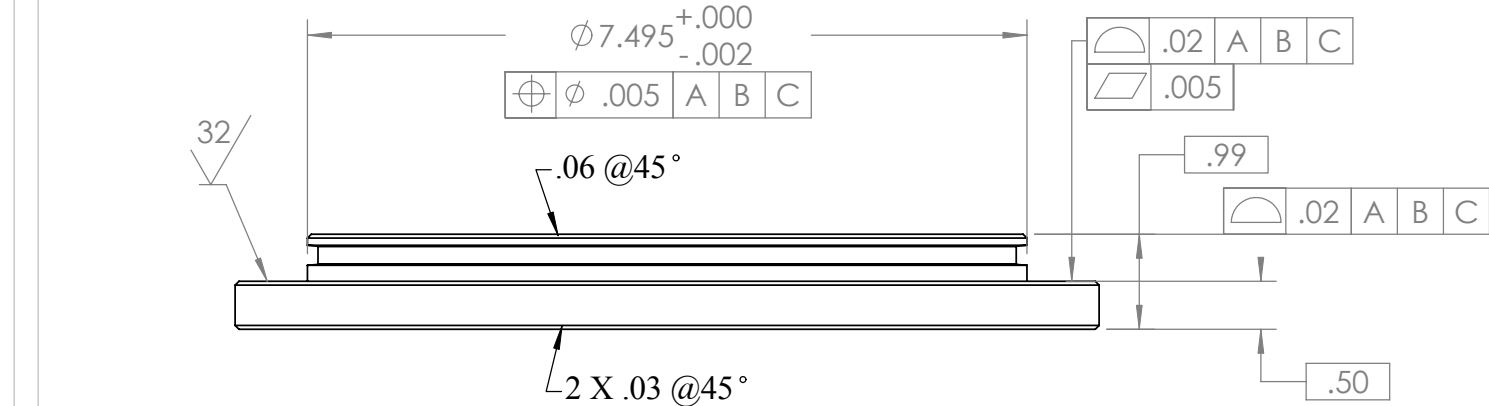
A

D

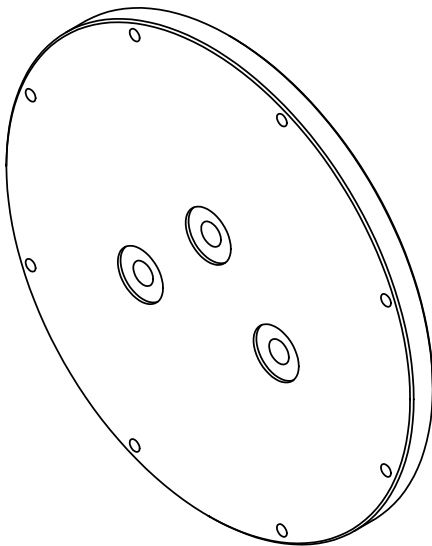
C

B

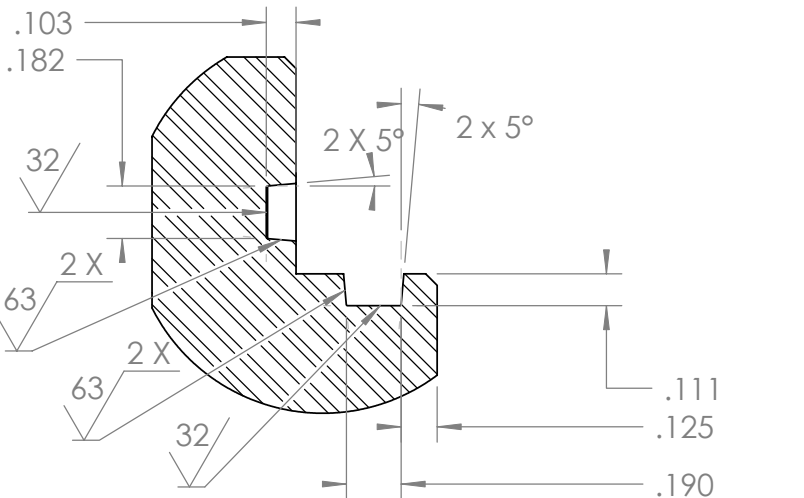
A



SECTION A-A



USE 2-265 O-RING



DETAIL B
SCALE 1.5 : 1

USE 2-263 O-RING

1 EACH ACETRON GP 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 4/4/02	DATE 4/4/02
		ENGINEER C OKUDA 4/4/02	DATE 4/4/02
		CHECKED	
		PROJECT NO. 600029	
		PROJECT NMC	
		WEIGHT	
		DO NOT SCALE DRAWING	
		SCALE 1:2	
		CAD FILE: MECH ENG ON TORNADO	
		SHEET 1 OF 1	

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



NMC CAN TEST COVER

SIZE B DWG. NO. 1001456DWG REV. A