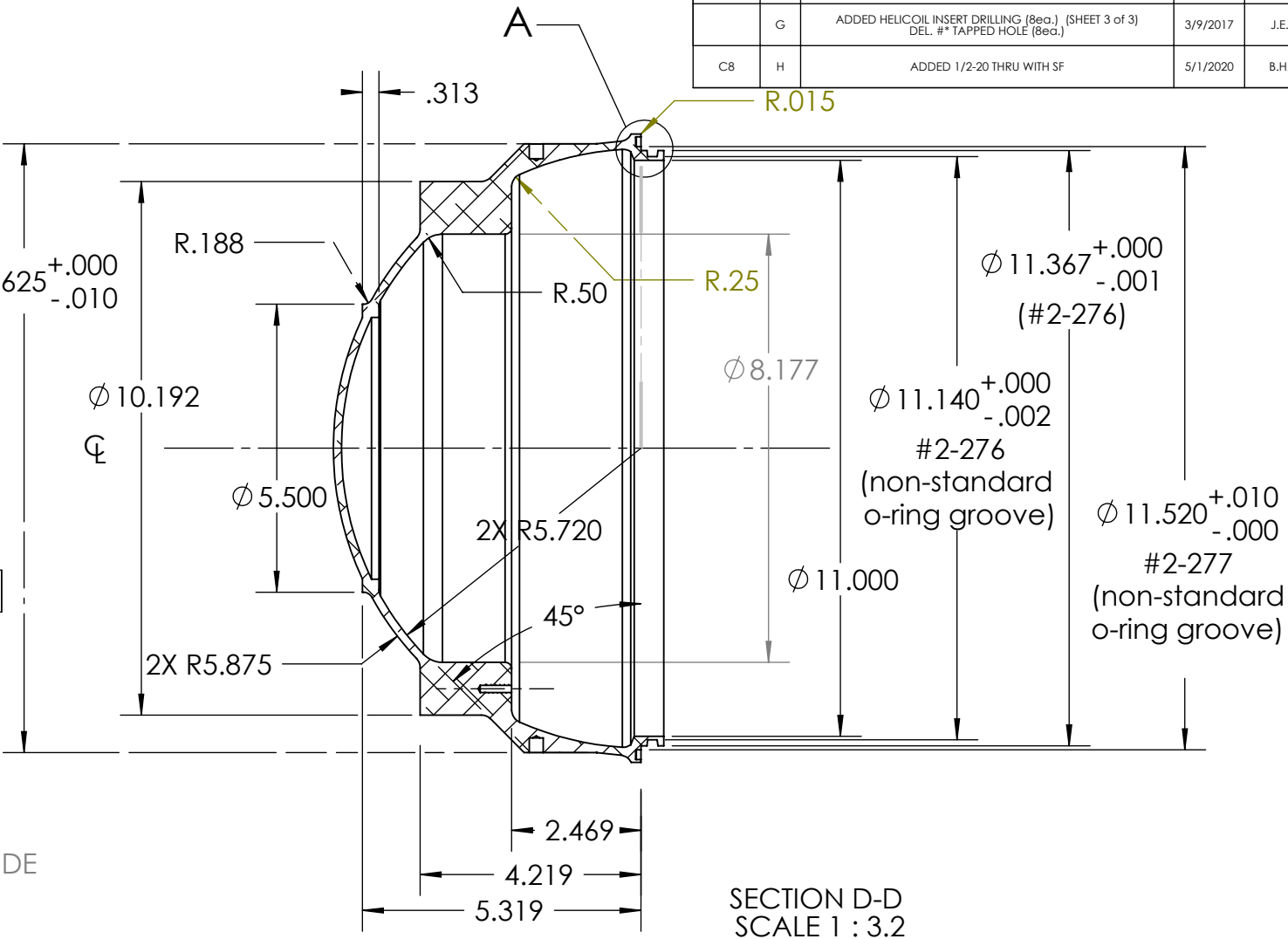
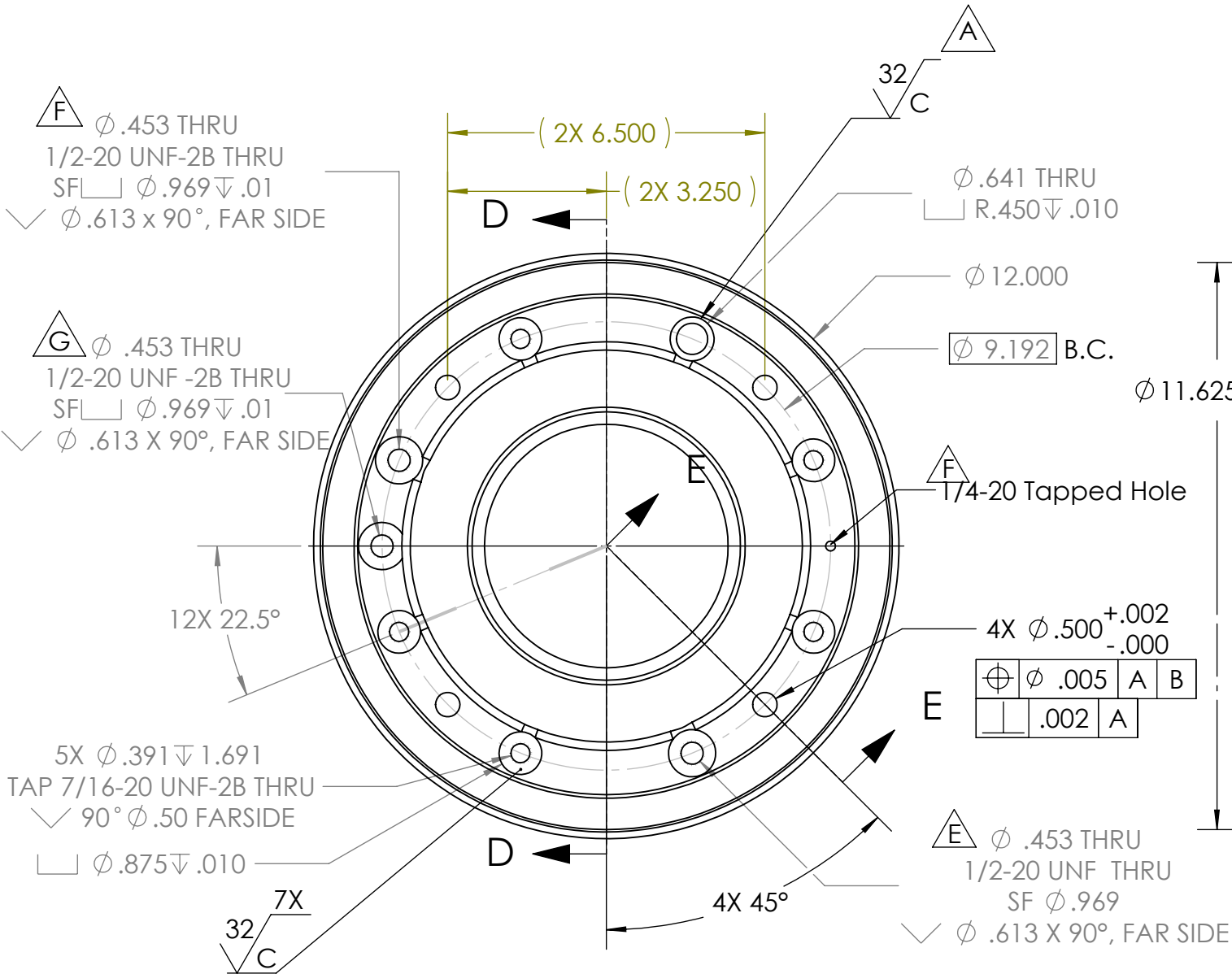
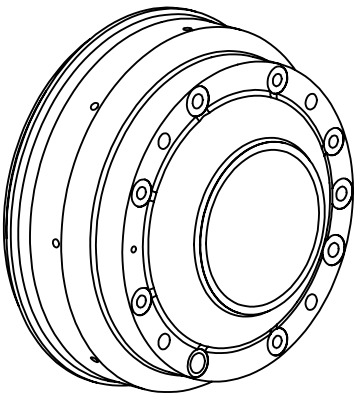


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REV.	DESCRIPTION		DATE	APPROVED
	INITIAL RELEASE		X/XX/00	J.E.
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
D5	A	DEL DUPLICATE CALLOUTS ADDED SHEET 2 OF 2	12/8/2008	J.E.
B5	B	ADDED CNTR LINE DIM O-RING GROOVE ADDED 8X TAP HOLE DIM, SHEET 2 ADDED DETAIL B, SHEET 2 ADDED 20° CHAMFER (4 PLACES)	1/15/2009	J.E.
C3,	C	ADDED R 0.125 (SHEET 2 of 2)	5/24/2010	J.E.
SHEET 4 C 6,7	D	ADDED 4 X 8-32 TAPPED HOLES FOR ISUS FRAME / Grnd Lug	9/22/2010	J.S.
D7	E	Changed 7/16-20 hole to 1/2-20	5/11/11	B.H.
	F	CHG 1/2-13 Hole to 1/2-20 UNF THRU & SF ADDED 1/4-20 UNC TAPPED HOLE	2/17/2012	J.E.
	G	ADDED HELICOIL INSERT DRILLING (8ea.) (SHEET 3 of 3) DEL. #* TAPPED HOLE (8ea.)	3/9/2017	J.E.
C8	H	ADDED 1/2-20 THRU WITH SF	5/1/2020	B.H.



OUTSIDE VIEW



- Q.C. (INSPECTION) REPORT REQUIRED FOR EACH PIECE.
- Finish: HARD BLACK ANODIZE IN ACCORDANCE WITH MIL-A-8625F Type III (.001 THICK) W/ TEFLON SEAL COAT (RACK AS NOTED).
- PROJECT LIBRARY:\900739.LRAUV\Project.Drawings\Project.ME.Dwgs\LRAUV\PressureHull

NOTES: (CONT. FROM TITLE BLOCK)

1	1	P-200626-08	PressHull_EndDome_FWD	MBARI	6061-T6 Alloy
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Vendor	MATERIAL
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°
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.		DRAWN	J. ERICKSON 2/13/08
Engineer				ENGINEER	J. ERICKSON 2/13/08
				CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO.	900739
	A-200467-08			PROJECT	LRAUV
Application		DO NOT SCALE DRAWING		WEIGHT	8.693 lb.
				SIZE B	DWG. NO. P-200626-08.DWG
				SCALE 1:4	CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 3

Monterey Bay Aquarium Research Institute

MBARI

7700 Sandholdt RD.

Moss Landing, CA 95039

PH: (831) 775-1700

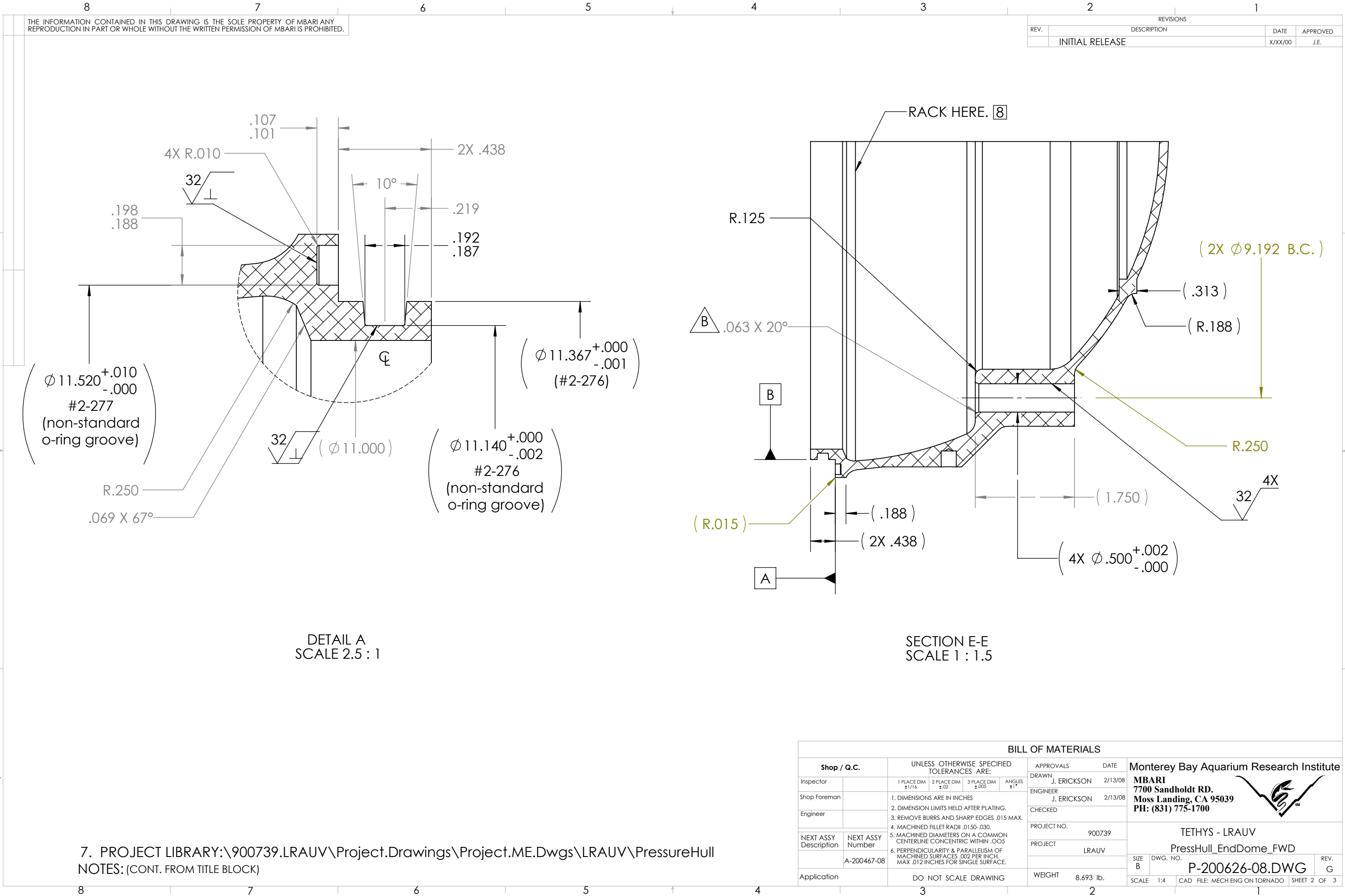


TETHYS - LRAUV

PressHull_EndDome_FWD

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

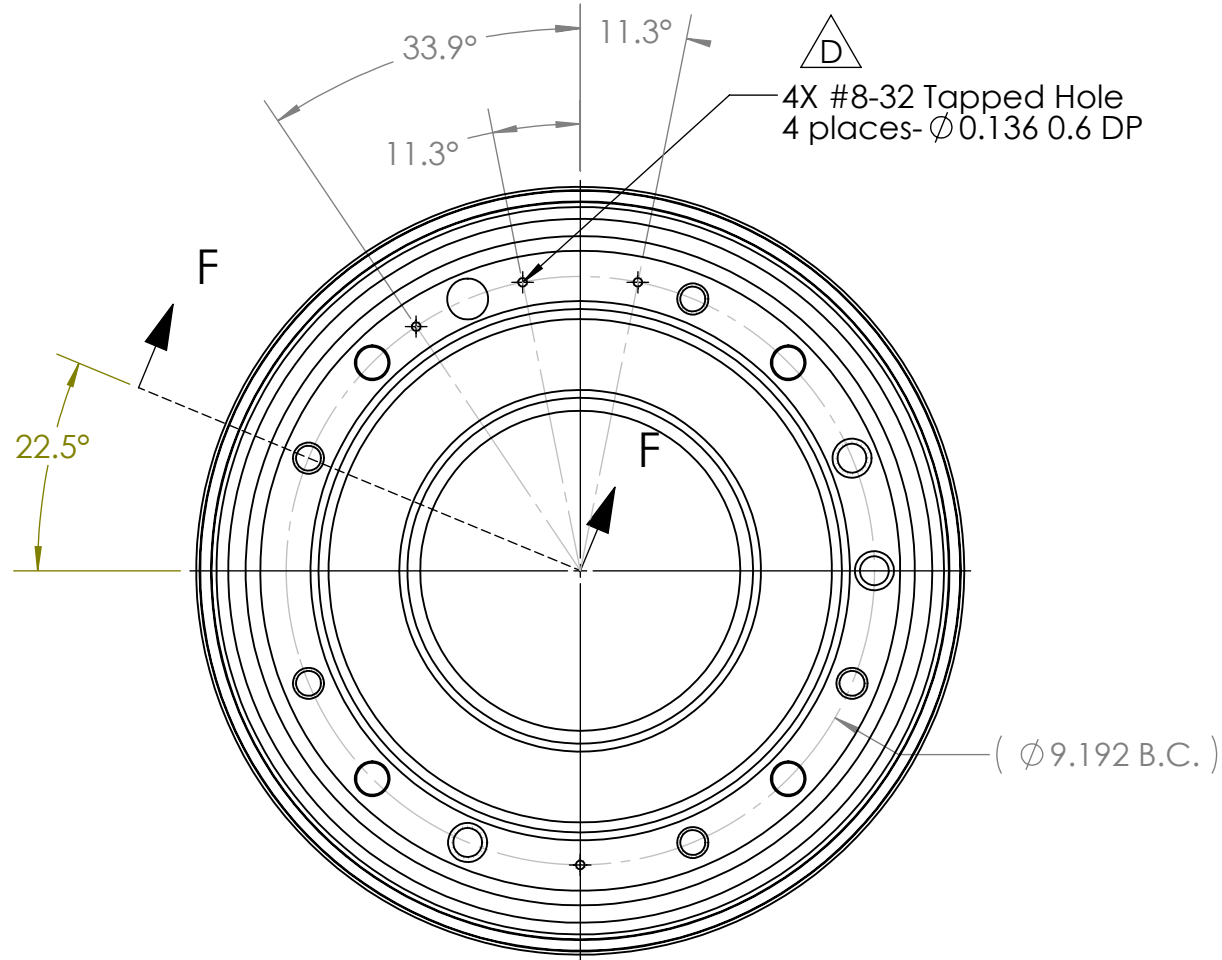
TETHYS - LRAUV
PressHull_EndDome_FWD
P-200626-08.DWG



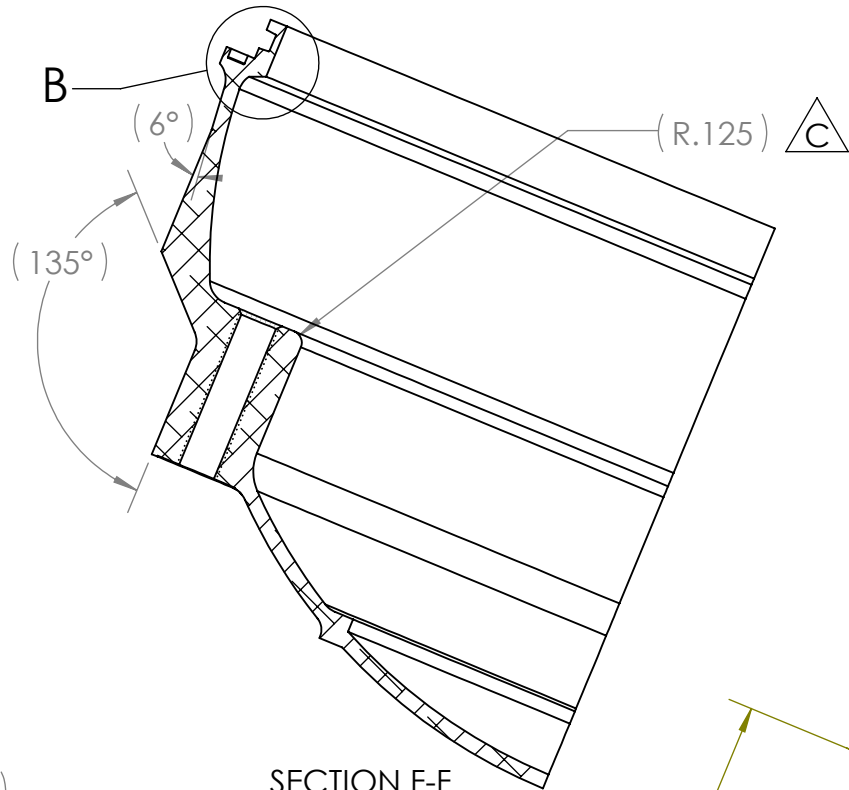
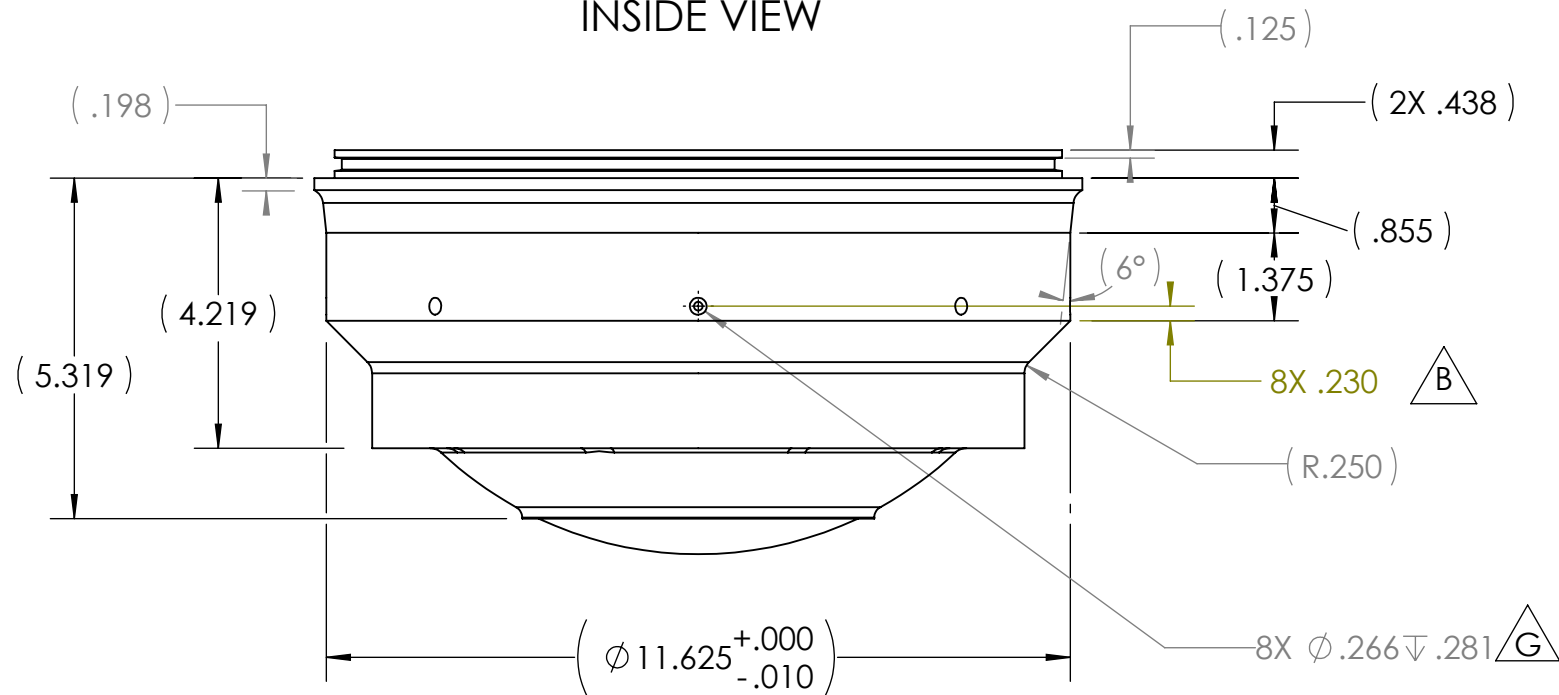
BILL OF MATERIALS											
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	J. ERICKSON	2/13/08			
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	J. ERICKSON	2/13/08			
Engineer						CHECKED					
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	900739	TETHYS - LRAUV PressHull_EndDome_FWD			
	A-200467-08					PROJECT	LRAUV				
Application	DO NOT SCALE DRAWING					WEIGHT	8.693 lb.	SIZE B	DWG. NO. P-200626-08.DWG	REV. G	
						SCALE	1:4	CAD FILE: MECH ENG ON TORNADO	SHEET 2 OF 3		

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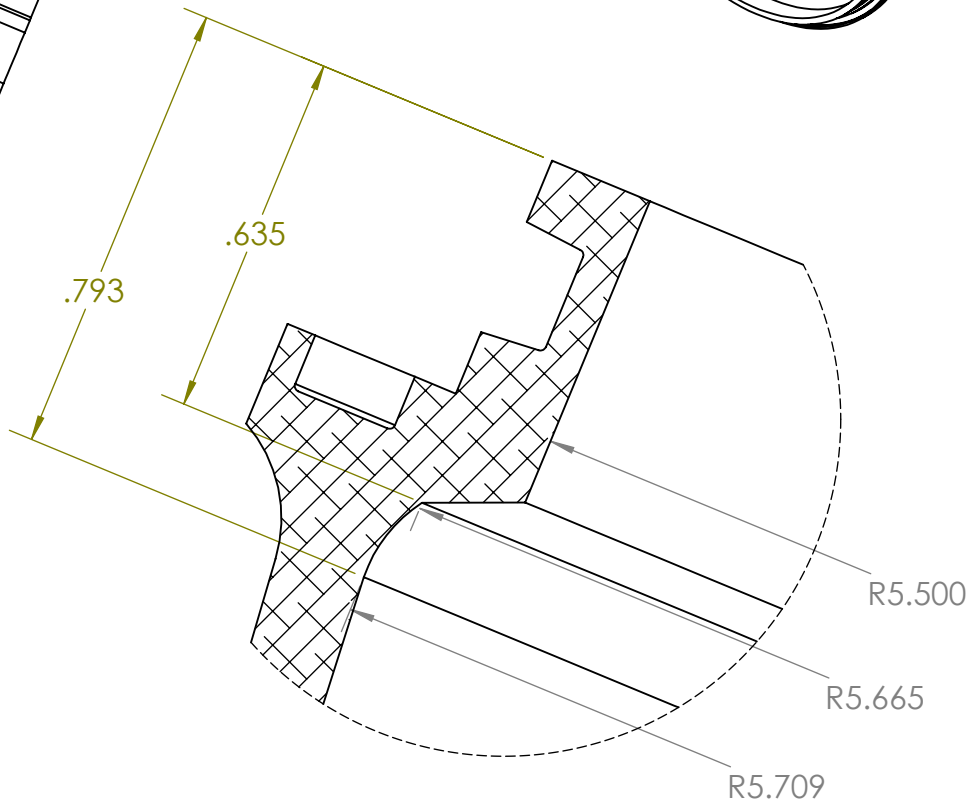
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.



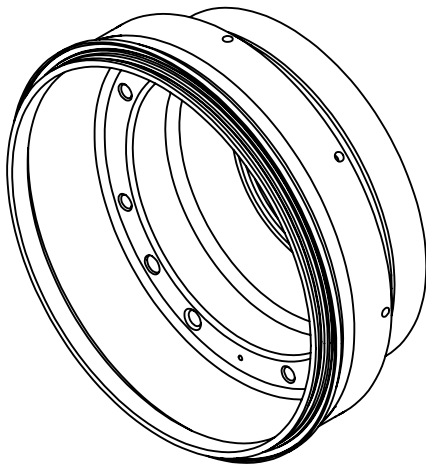
INSIDE VIEW



SECTION F-F
SCALE 1 : 2



DETAIL B
SCALE 3 : 1



7. PROJECT LIBRARY:\900739.LRAUV\Project.Drawings\Project.ME.Dwgs\LRAUV\PressureHull
NOTES: (CONT. FROM TITLE BLOCK)

BILL OF MATERIALS				Monterey Bay Aquarium Research Institute			
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	J. ERICKSON 12/8/08
Shop Foreman		1. DIMENSIONS ARE IN INCHES		ENGINEER		J. ERICKSON 12/8/08	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		CHECKED			
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.		PROJECT NO.		900739	
	A-200467-08	4. MACHINED FILLET RADII .0150-.030.		PROJECT		LRAUV	
Application		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		WEIGHT		8.693 lb.	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.		SIZE		B	
		DO NOT SCALE DRAWING		SCALE		1:4	
				CAD FILE: MECH ENG ON TORNADO		SHEET 3 OF 3	