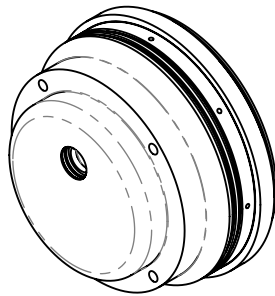
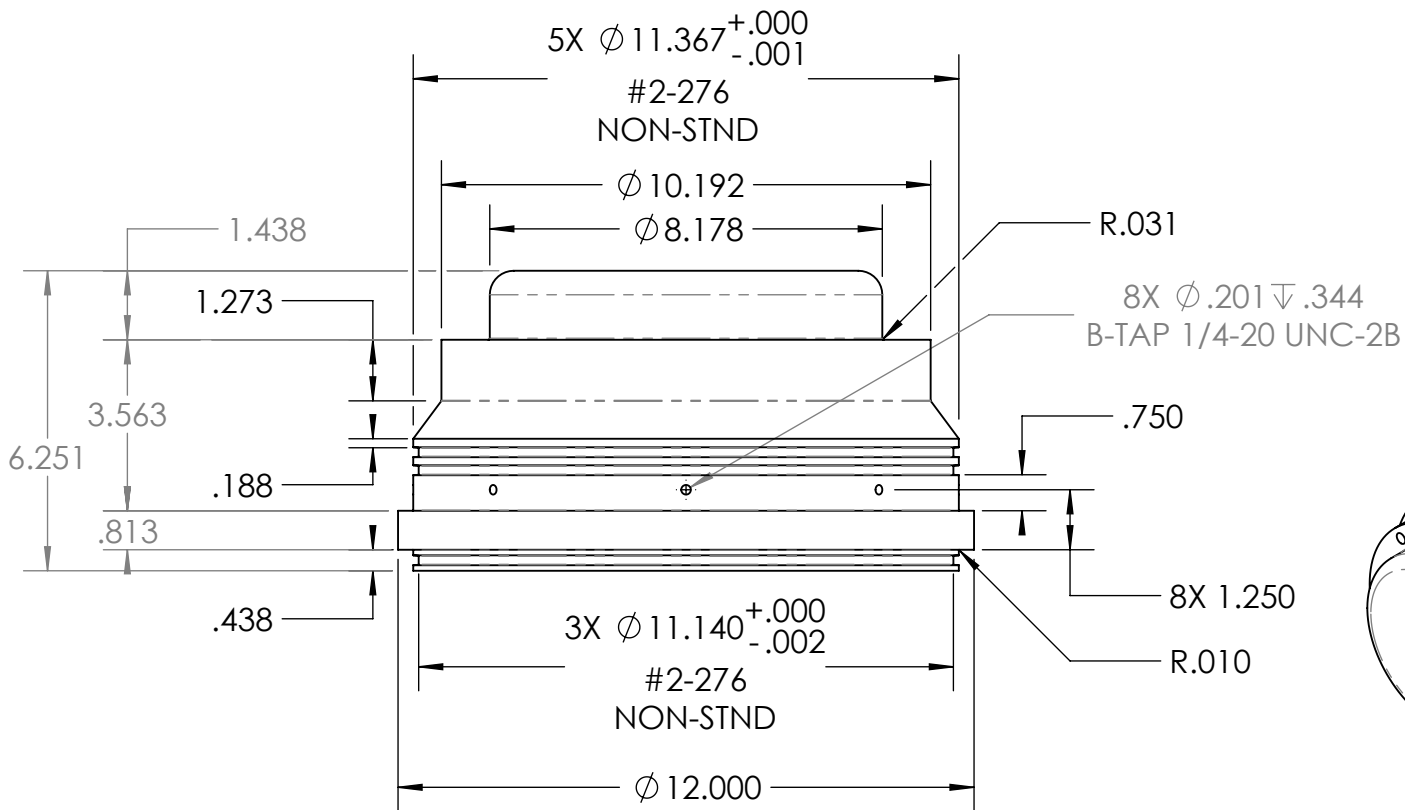
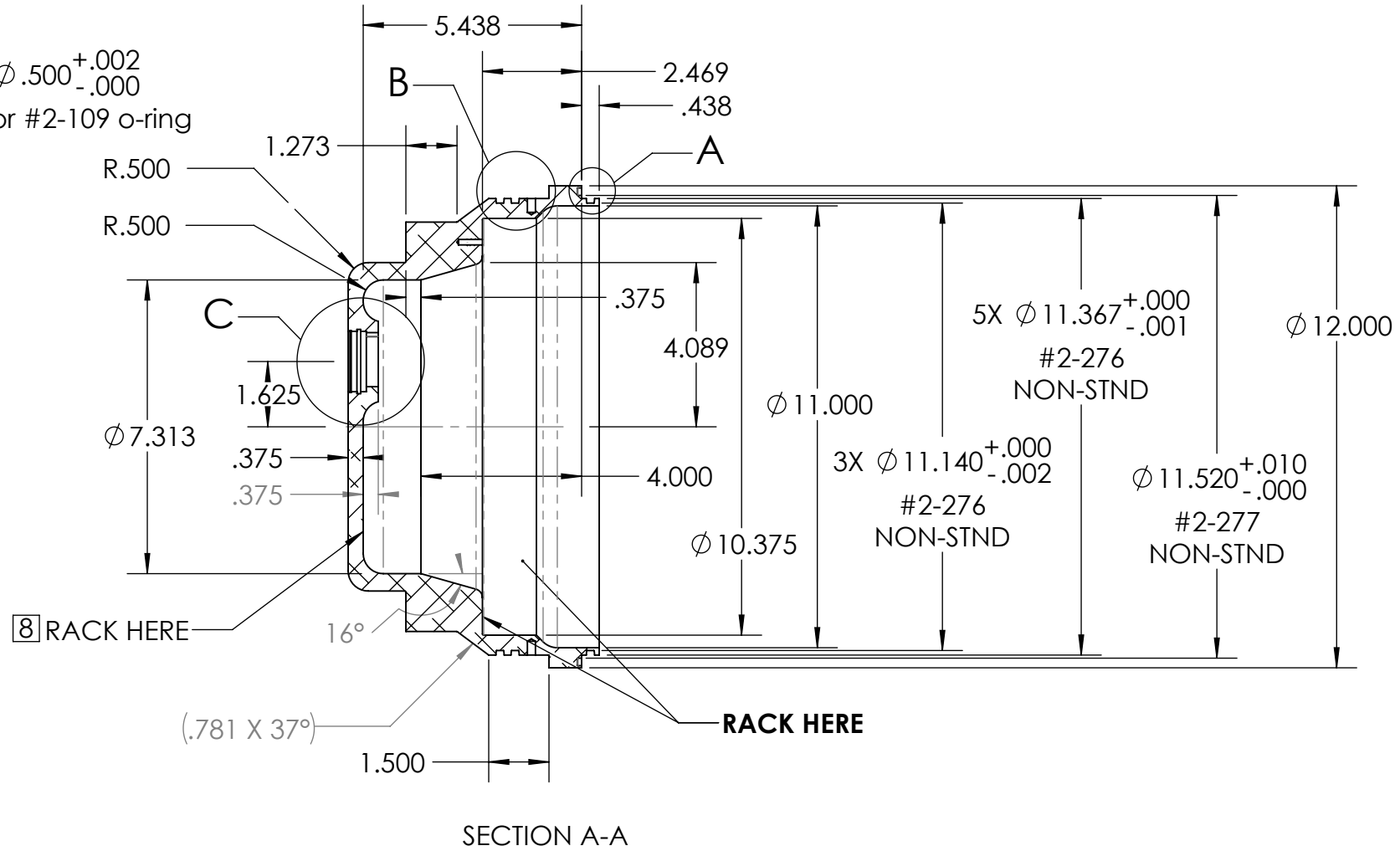
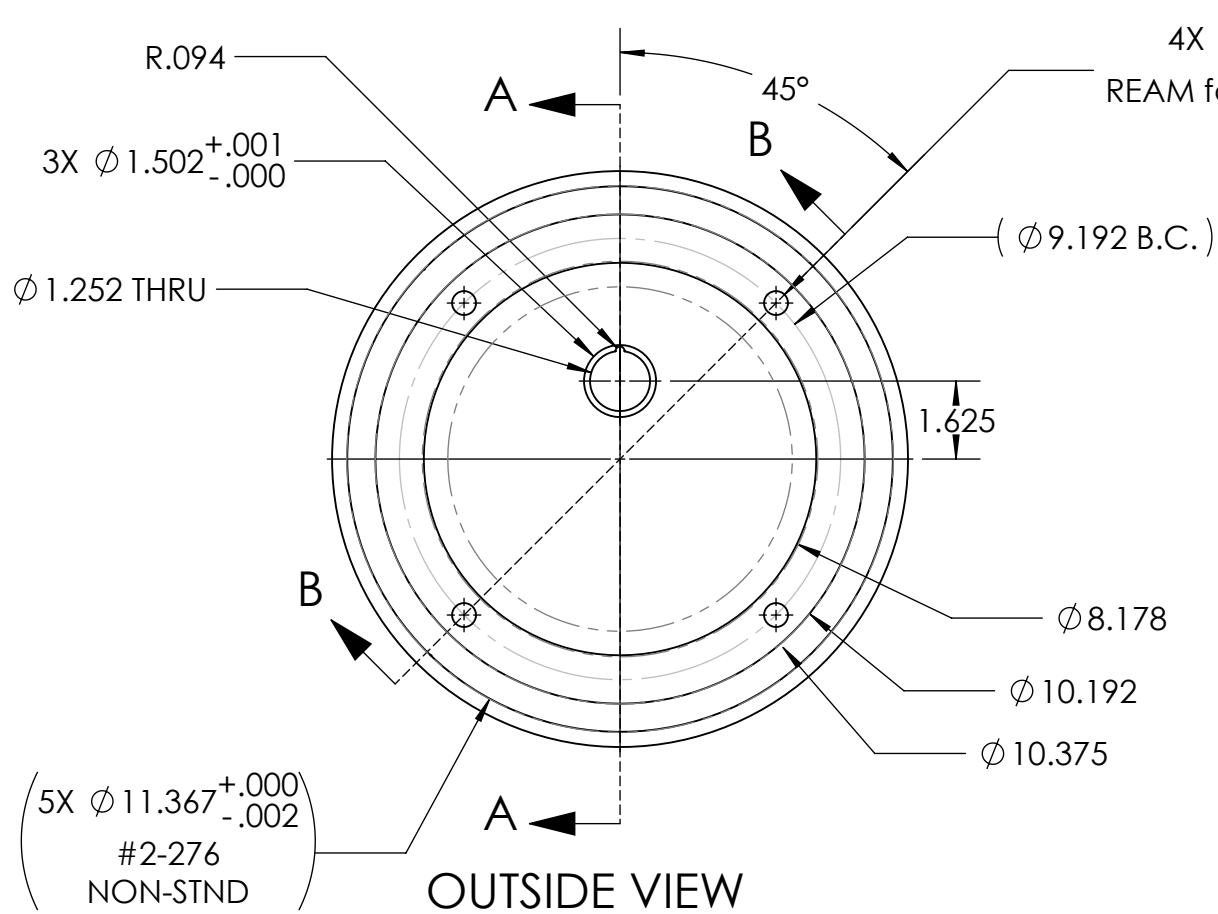


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INITIAL RELEASE X/XX/01 J.E.



9. Q.C. (INSPECTION) REPORT REQUIRED FOR EACH PIECE.
8. Finish: HARD BLACK ANODIZE IN ACCORDANCE WITH MIL-A-8625F Type III (.001 THICK) Nickel Acetate Seal Coat, TEFLON TOP COAT. (RACK AS SHOWN) (Dimension Limits Held After Plating, see note #2)

7. PROJECT LIBRARY:\900739.LRAUV\Project.Drawings\Project.ME.Dwgs\LRAUV\Skin Shells\G3-ESP MOCK-UP

NOTES: (CONT. FROM TITLE BLOCK)

1	1	P-201529-13	ESP DOME "B"	MBARI	Aluminum 6061-T6
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 $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$
Shop Foreman		1. DIMENSIONS ARE IN INCHES		DRAWN J. ERICKSON 6/26/13	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON 6/26/13	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED	
		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. 900739-901228.99	
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT LRAUV	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.		WEIGHT 13.902	
Application		DO NOT SCALE DRAWING		SIZE B DWG. NO. P-201529-13.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



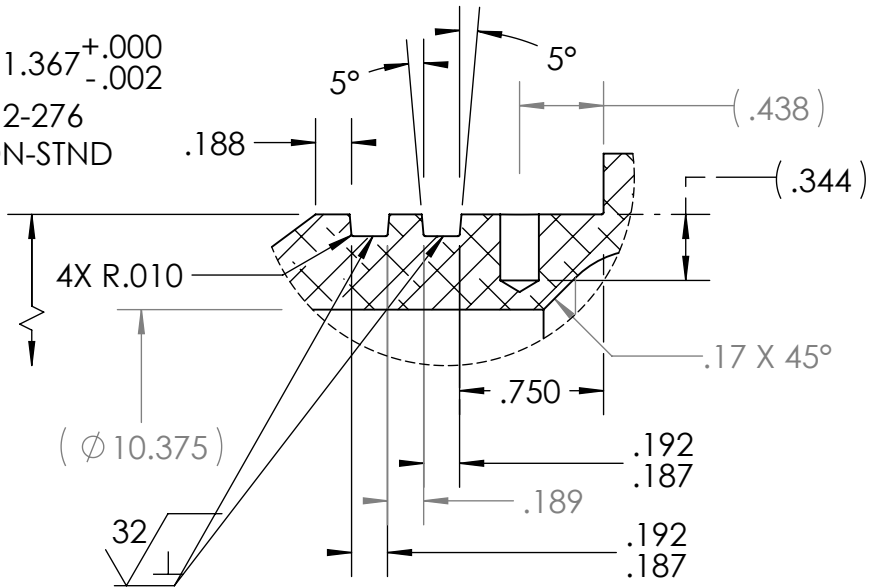
TETHYS - LRAUV - ESP
ESP DOME "B"

P-201529-13.DWG

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.

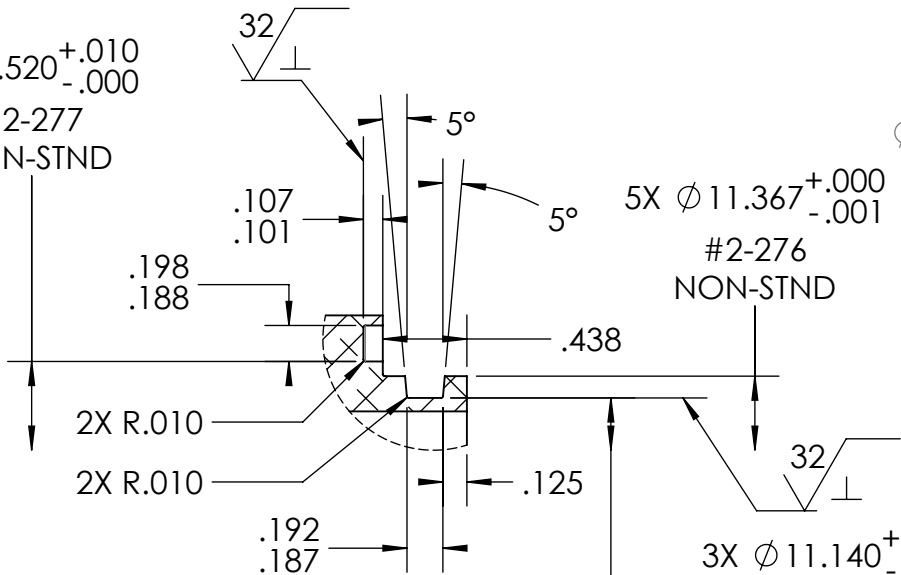
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

5X $\phi 11.367^{+.000}_{-.002}$
#2-276
NON-STND



DETAIL B
SCALE 1 : 1

$\phi 11.520^{+.010}_{-.000}$
#2-277
NON-STND



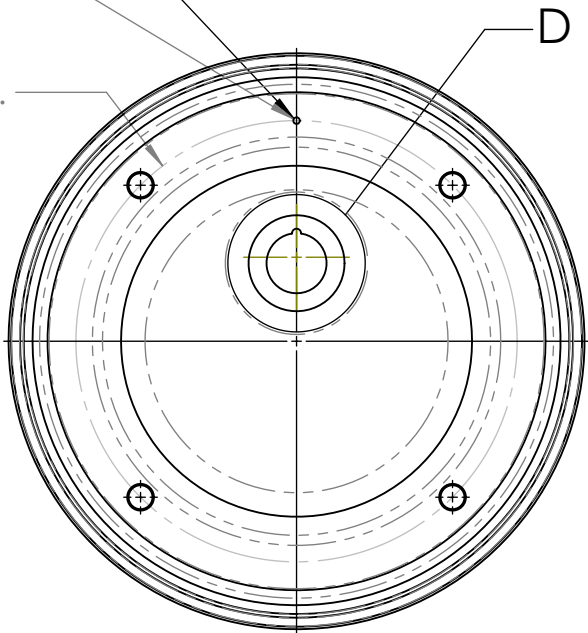
DETAIL A
SCALE 1 : 1

#8-32 Tapped Hole
 $\nabla .594$

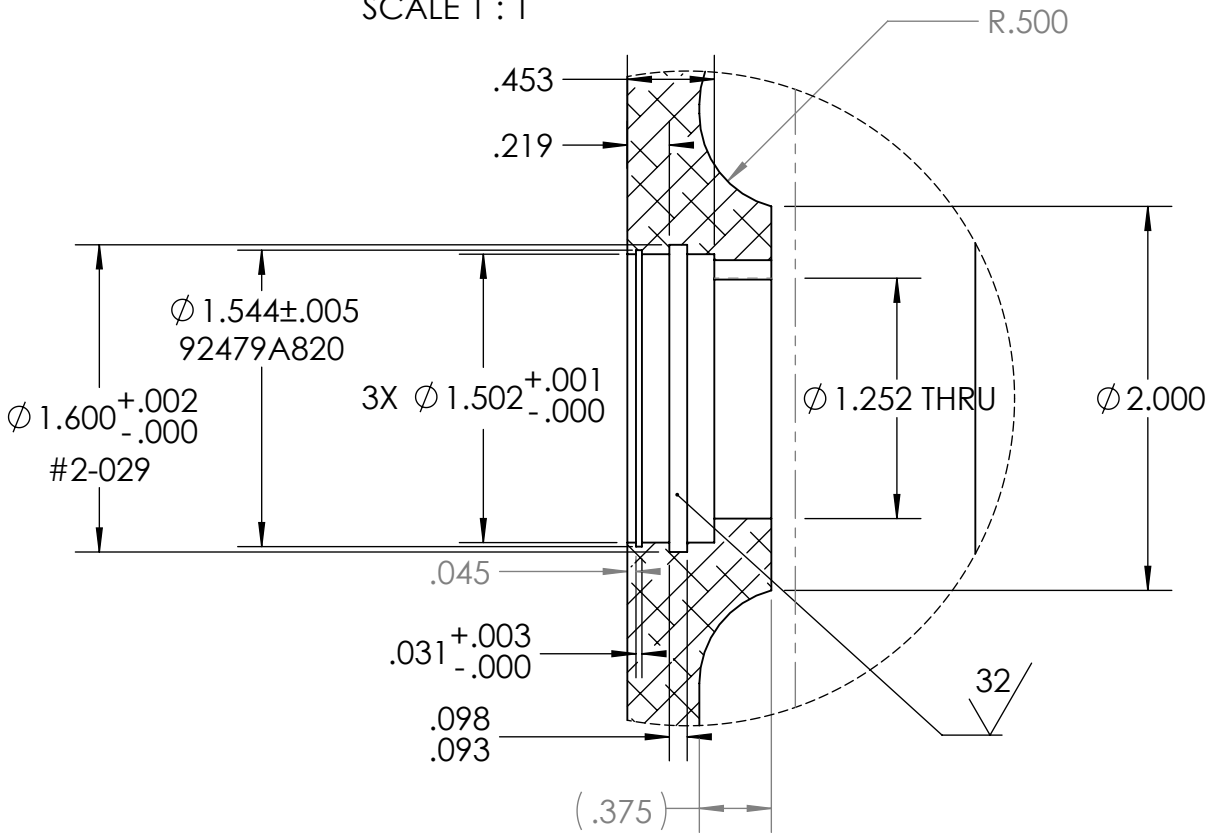
$\phi 9.192$ B.C.

5X $\phi 11.367^{+.000}_{-.001}$
#2-276
NON-STND

3X $\phi 11.140^{+.000}_{-.002}$
#2-276
NON-STND



INSIDE VIEW

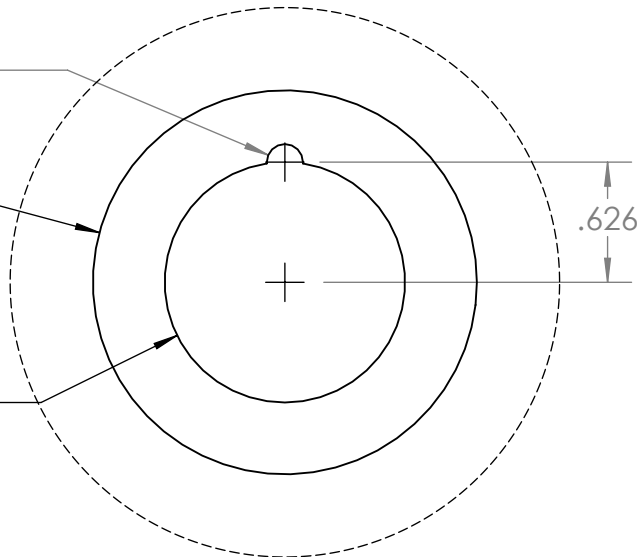


DETAIL C
SCALE 1 : 1

R.094 THRU

$\phi 2.000$

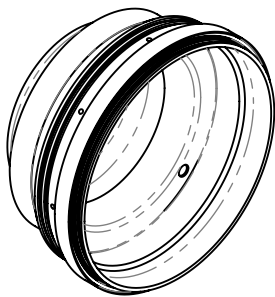
$\phi 1.252$ THRU



DETAIL D
SCALE 1 : 1

7. PROJECT LIBRARY:\900739.LRAUV\Project.Drawings\Project.ME.Dwgs\
LRAUV\Skin Shells\G3-ESP MOCK-UP

NOTES: (CONT. FROM TITLE BLOCK)



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 J. ERICKSON 6/26/13 ENGINEER J. ERICKSON 6/26/13 CHECKED PROJECT NO. 900739 PROJECT LRAUV WEIGHT 13.902 lb.	
Application	DO NOT SCALE DRAWING	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 TETHYS - LRAUV - ESP ESP DOME "B" P-201529-13.DWG	
		SIZE B	DWG. NO. REV.
		SCALE 1:4	CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 3

