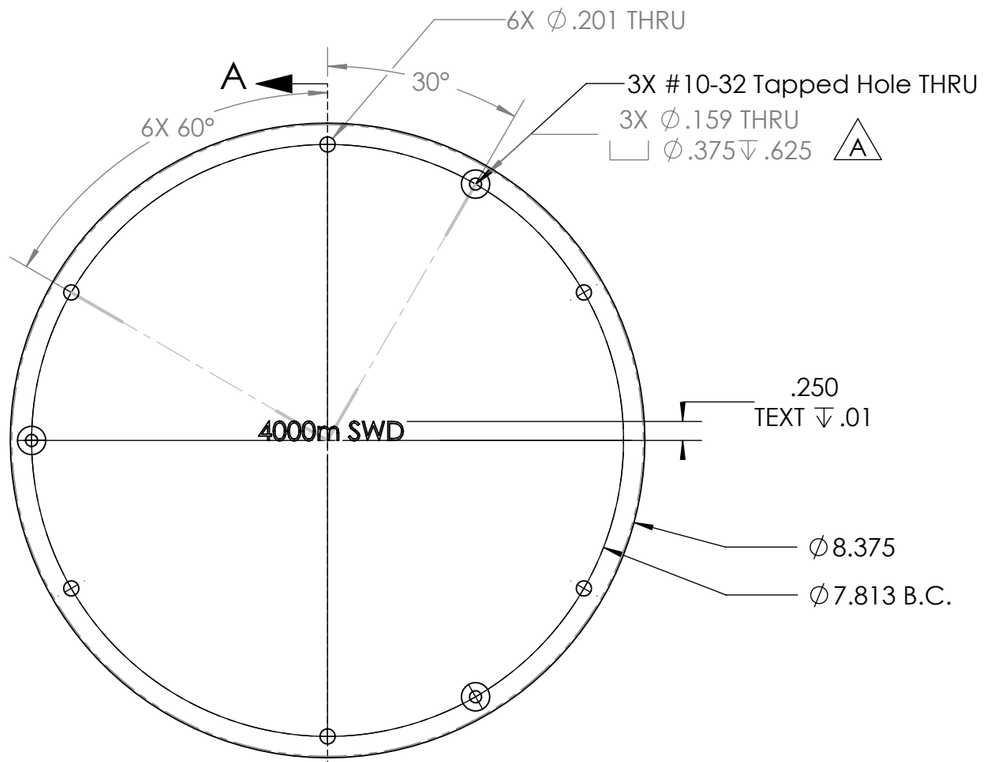
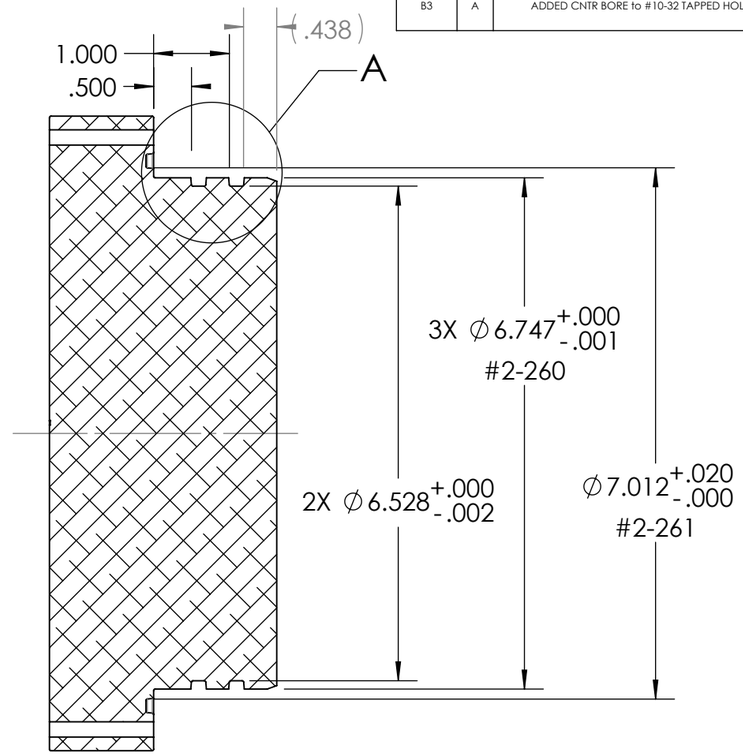
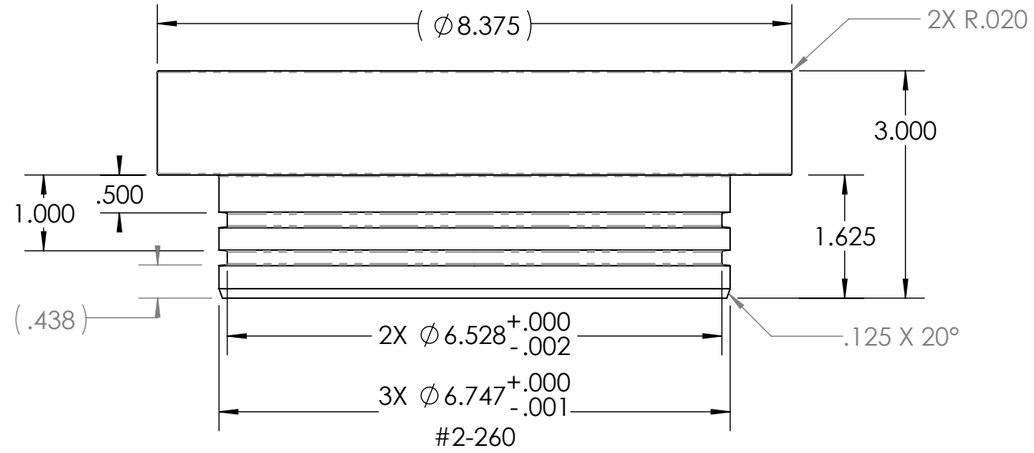
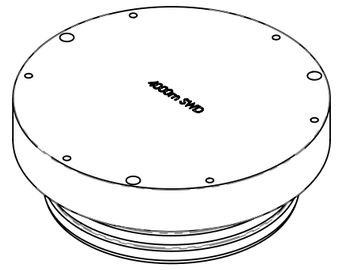
REVISIONS				
INITIAL RELEASE		REVISIONS	X/XX/01	J.E.
ZONE	REV.	DESCRIPTION	DATE	APPROVED
B3	A	ADDED CNTR BORE to #10-32 TAPPED HOLES 3 EA.	3/24/2016	J.E.







SECTION A-A



8. Finish: HARD BLACK ANODIZE IN ACCORDANCE WITH MIL-A-8625F Type III (.001 THICK) TEFLON SEAL COAT. RACK AS NOTED (SHT 2 of 2).
7. PROJECT LIBRARY:\901506 DeepPIV\ME Drawings\Laser Assembly\Laser PWR Can Assm

NOTES: (CONT. FROM TITLE BLOCK)

ITEM NO.	QTY.	Part_Number	DESCRIPTION	Vendor	MATERIAL
1	1	P-201793-16	PIV LASER CASE Front End Cap	MBARI	6061-T6 Alloy

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 J. ERICKSON 2/26/16
Shop Foreman		1. DIMENSIONS ARE IN INCHES	ENGINEER J. ERICKSON 2/26/16
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.	CHECKED
NEXT ASSY Description	NEXT ASSY Number	3. REMOVE BURRS AND SHARP EDGES .015 MAX.	PROJECT NO. 901506
		4. MACHINED FILLET RADII .0150-.030.	PROJECT Deep PIV
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005	
Application		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.	WEIGHT 12.870
		DO NOT SCALE DRAWING	

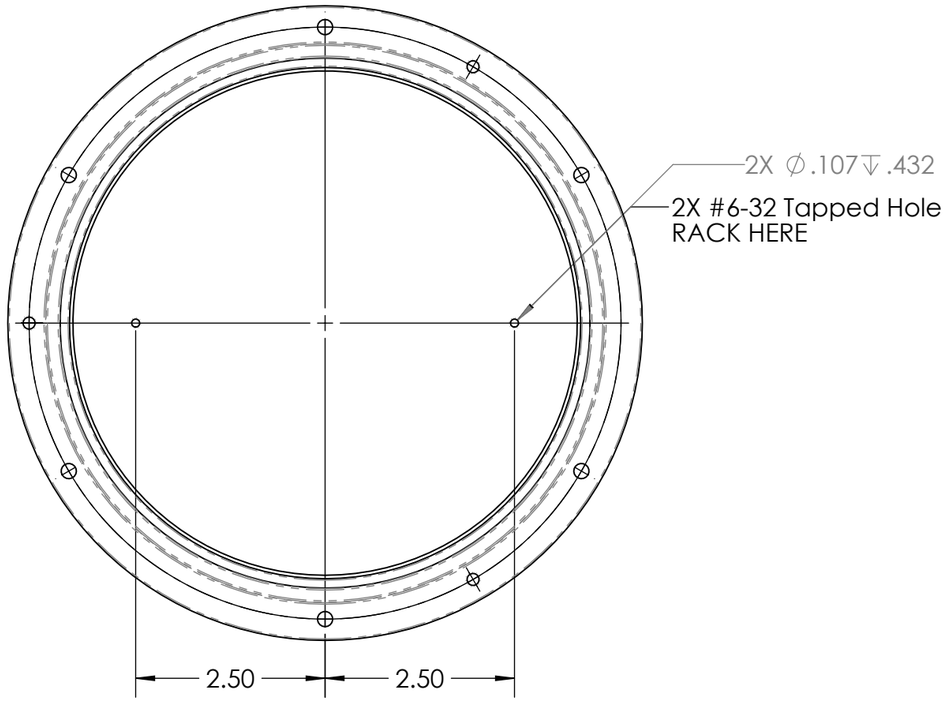
Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700

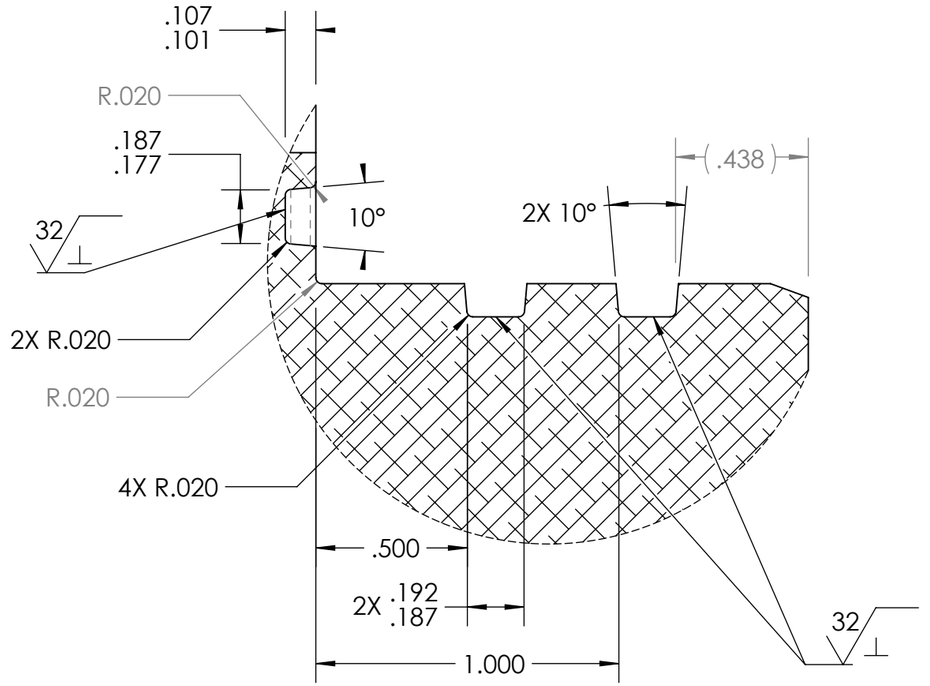
LASER PWR CAN
PIV LASER CASE Front End Cap

SIZE	DWG. NO.	REV.
B	P-201793-16.DWG	A

SCALE 1:2 | CAD FILE: MECH ENG ON TORNADO | SHEET 1 OF 2

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





DETAIL A
SCALE 2 : 1

7. PROJECT LIBRARY:\901506 DeepPIV\ME Drawings\Laser Assembly\Laser PWR Can Assm

NOTES: (CONT. FROM TITLE BLOCK)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	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 | 3 PLACE DIM ±.005 | ANGLES ±1°		DRAWN	J. ERICKSON 2/26/16
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 2/26/16
Engineer				CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO.	901506
				PROJECT	Deep PIV
Application		DO NOT SCALE DRAWING		WEIGHT	12.870 lb.

Monterey Bay Aquarium Research Institute
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Moss Landing, CA 95039
PH: (831) 775-1700

LASER PWR CAN
PIV LASER CASE Front End Cap

SIZE	DWG. NO.	REV.
B	P-201793-16.DWG	

SCALE 1:2 | CAD FILE: MECH ENG ON TORNADO | SHEET 2 OF 2