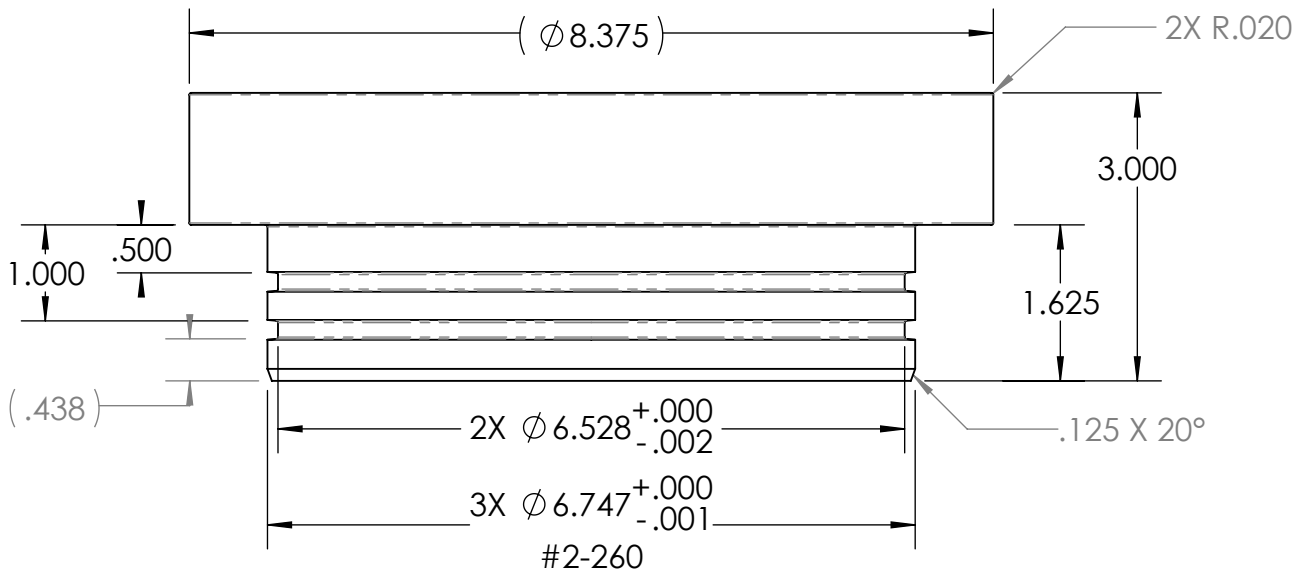
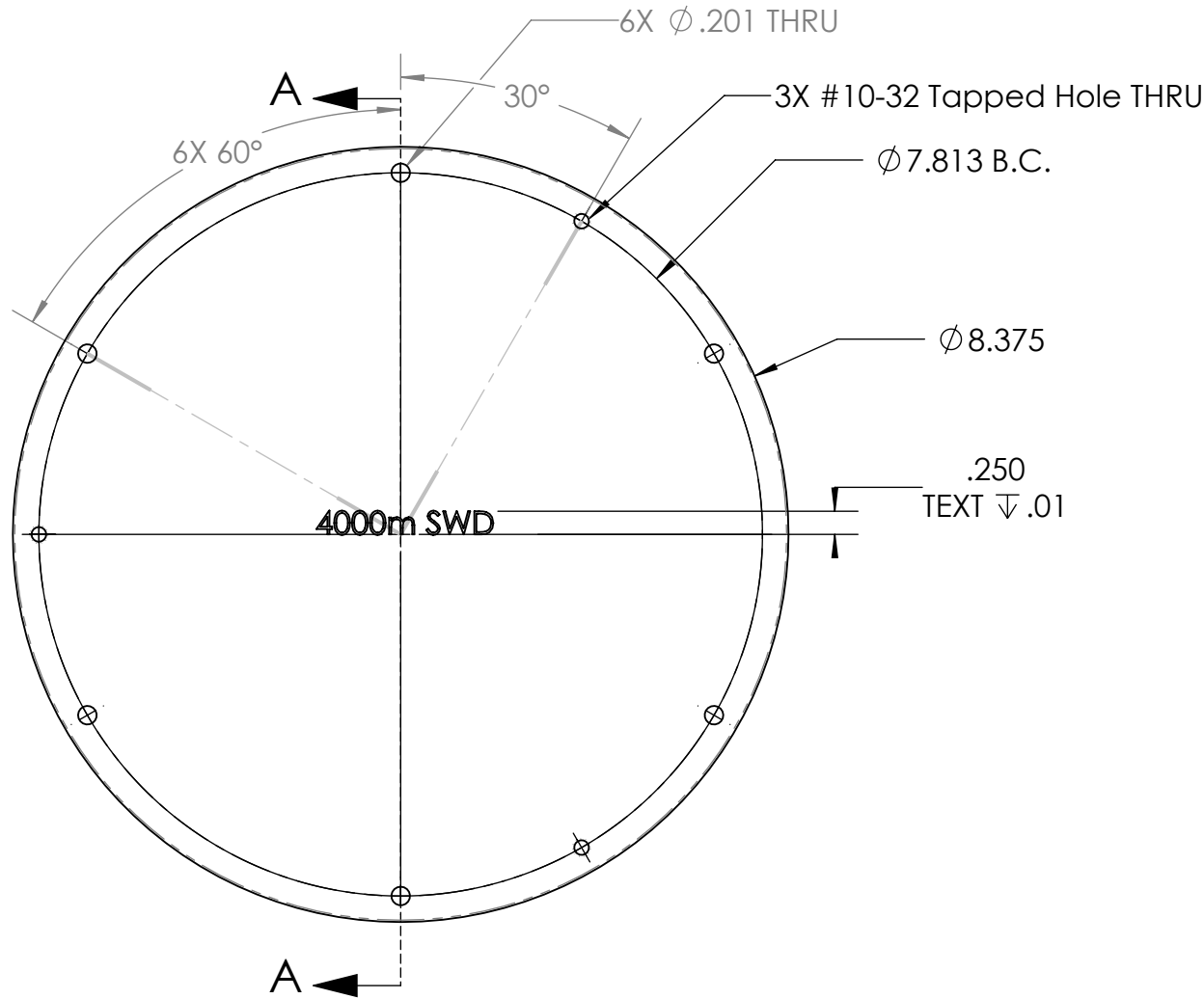
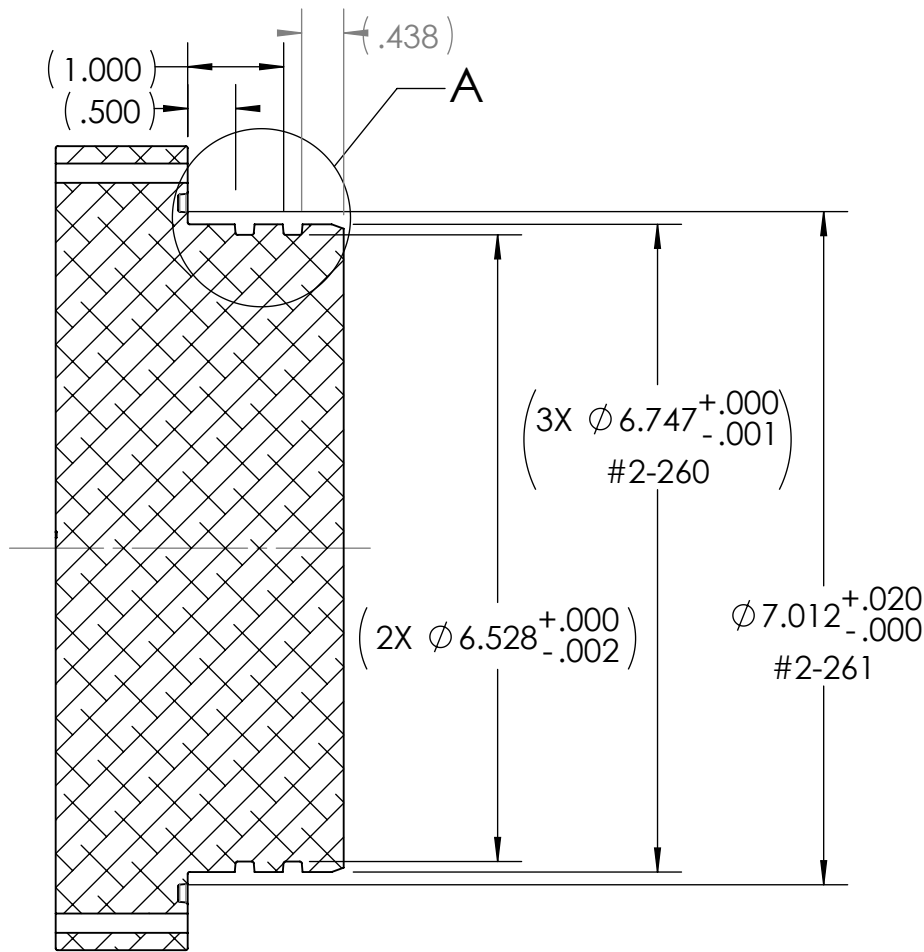




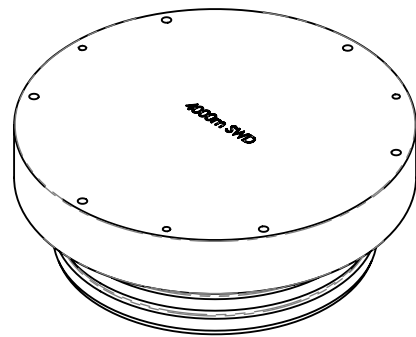
8. Finish: HARD BLACK ANODIZE IN ACCORDANCE WITH MIL-A-8625F Type III (.001 THICK) TEFLON SEAL COAT. RACK AS NOTED (SHT 2 of 2).

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

NOTES: (CONT. FROM TITLE BLOCK)



SECTION A-A



1	1	P-201793-16	PIV LASER CASE Front End Cap	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 $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$
Shop Foreman		1. DIMENSIONS ARE IN INCHES		DRAWN J. ERICKSON 2/26/16	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON 2/26/16	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED	
		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. 901506	
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT Deep PIV	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		WEIGHT 12.887	
Application		DO NOT SCALE DRAWING		SIZE B DWG. NO. P-201793-16.DWG	
				SCALE 1:2 CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 2	

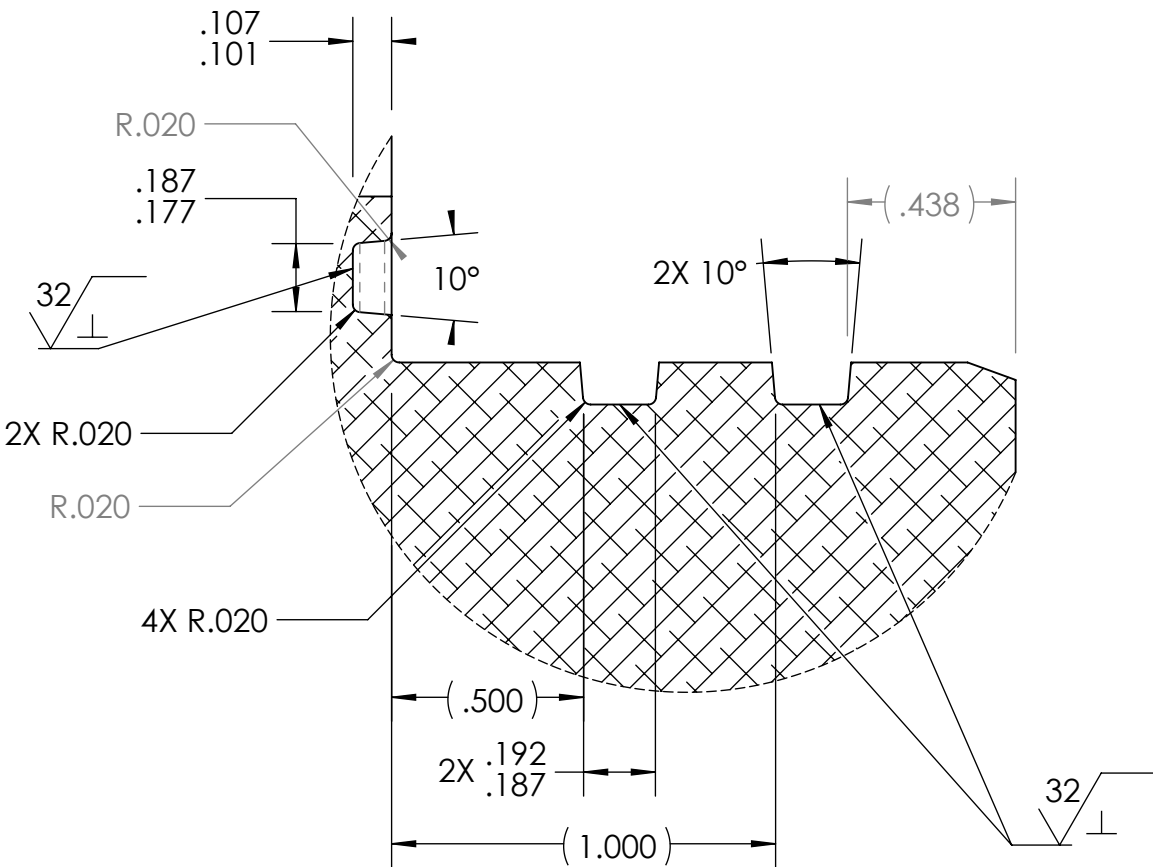
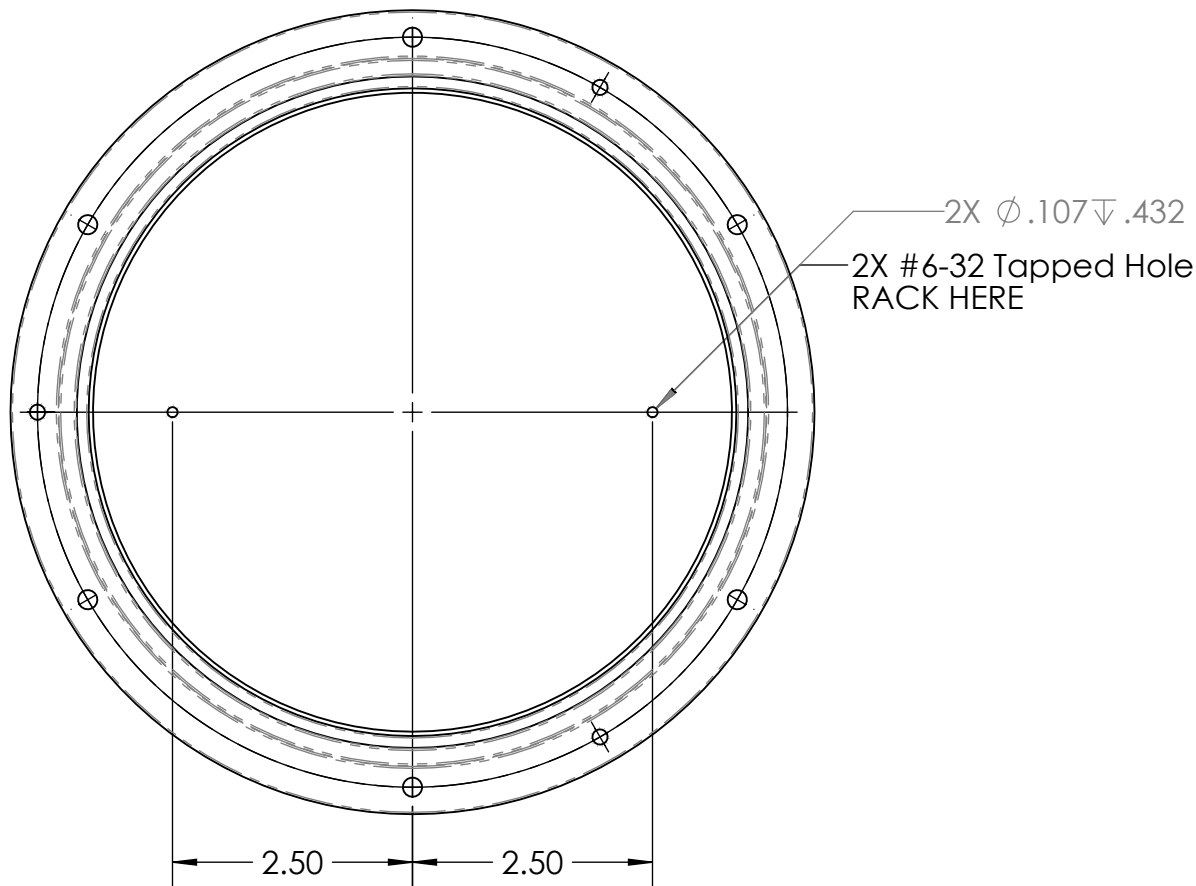
Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700



LASER PWR CAN
PIV LASER CASE Front End Cap
P-201793-16.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.



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°
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 2/26/16	
Engineer				ENGINEER J. ERICKSON 2/26/16	
				CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO. 901506	
				PROJECT Deep PIV	
Application		DO NOT SCALE DRAWING		WEIGHT 12.887 lb.	
				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	
				P-201793-16.DWG	
				SIZE B	REV.
				SCALE 1:2	CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 2