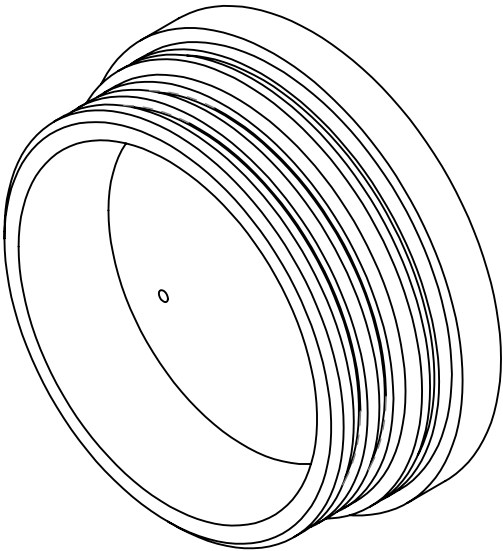
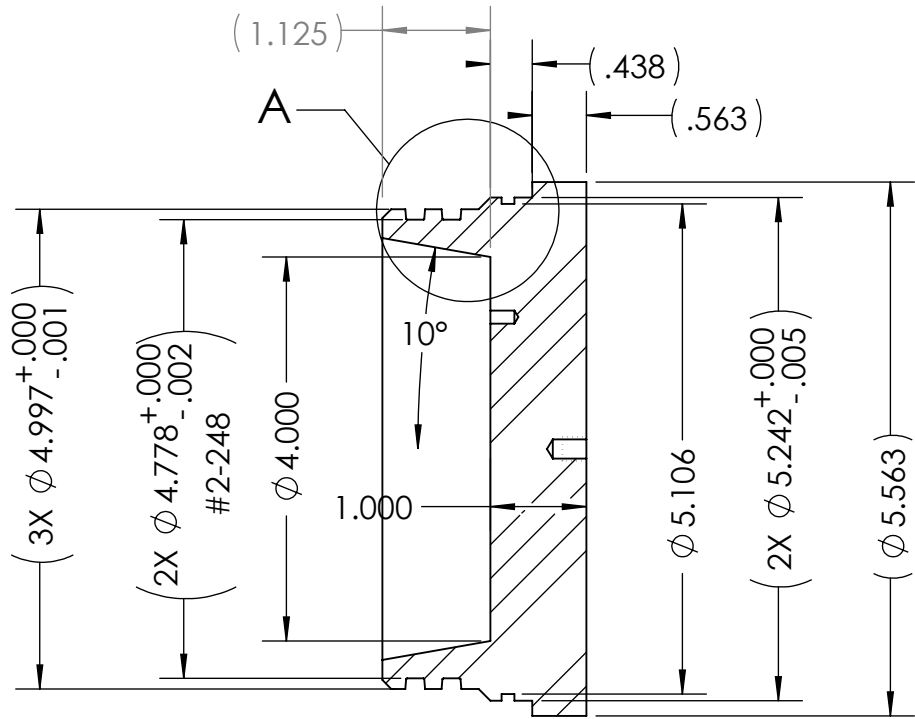
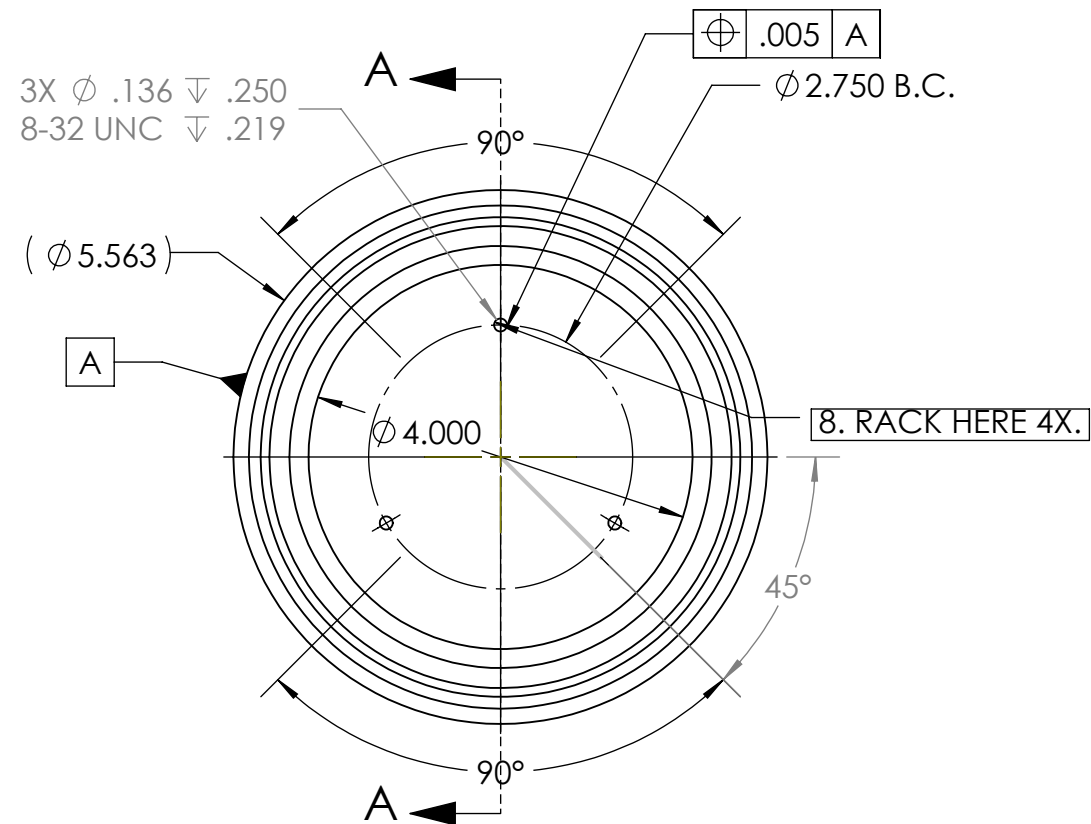
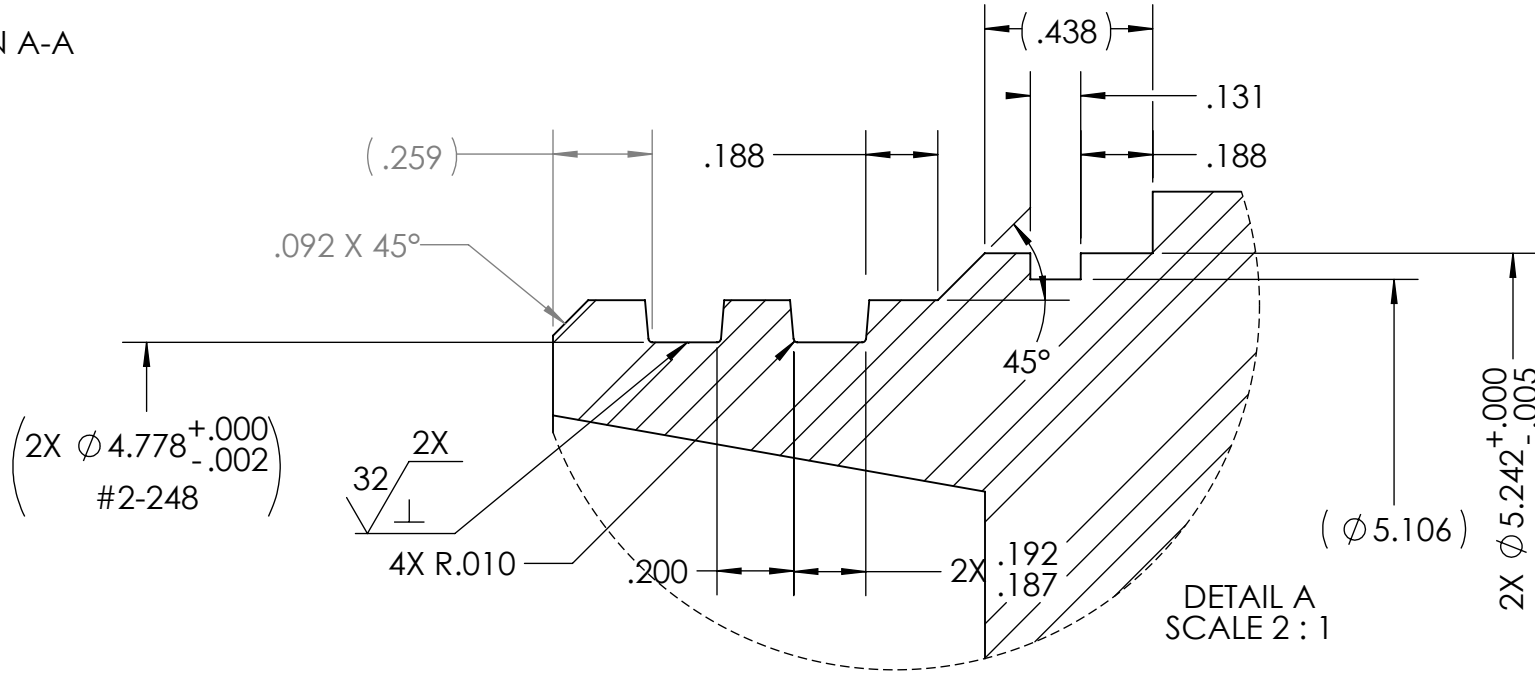
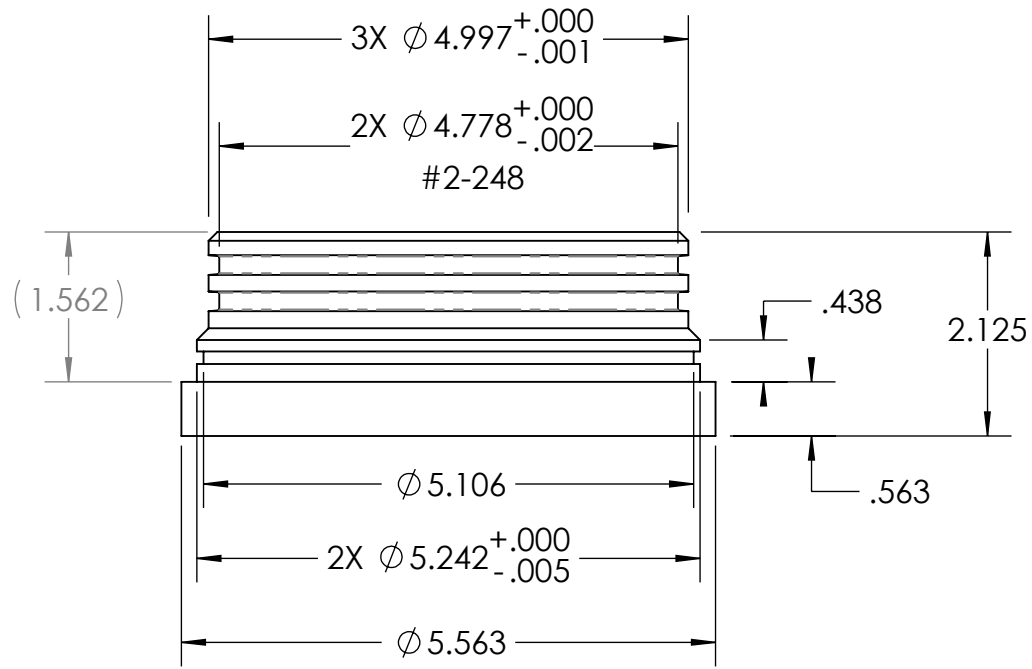


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REVISIONS			
INITIAL RELEASE	X/XX/01	J.E.	
Revised for multi-config recorder endcaps			
	08/08/25	P.R.	



SECTION A-A



DETAIL A
SCALE 2 : 1

MATERIAL: 6061-T6, ASTM B221

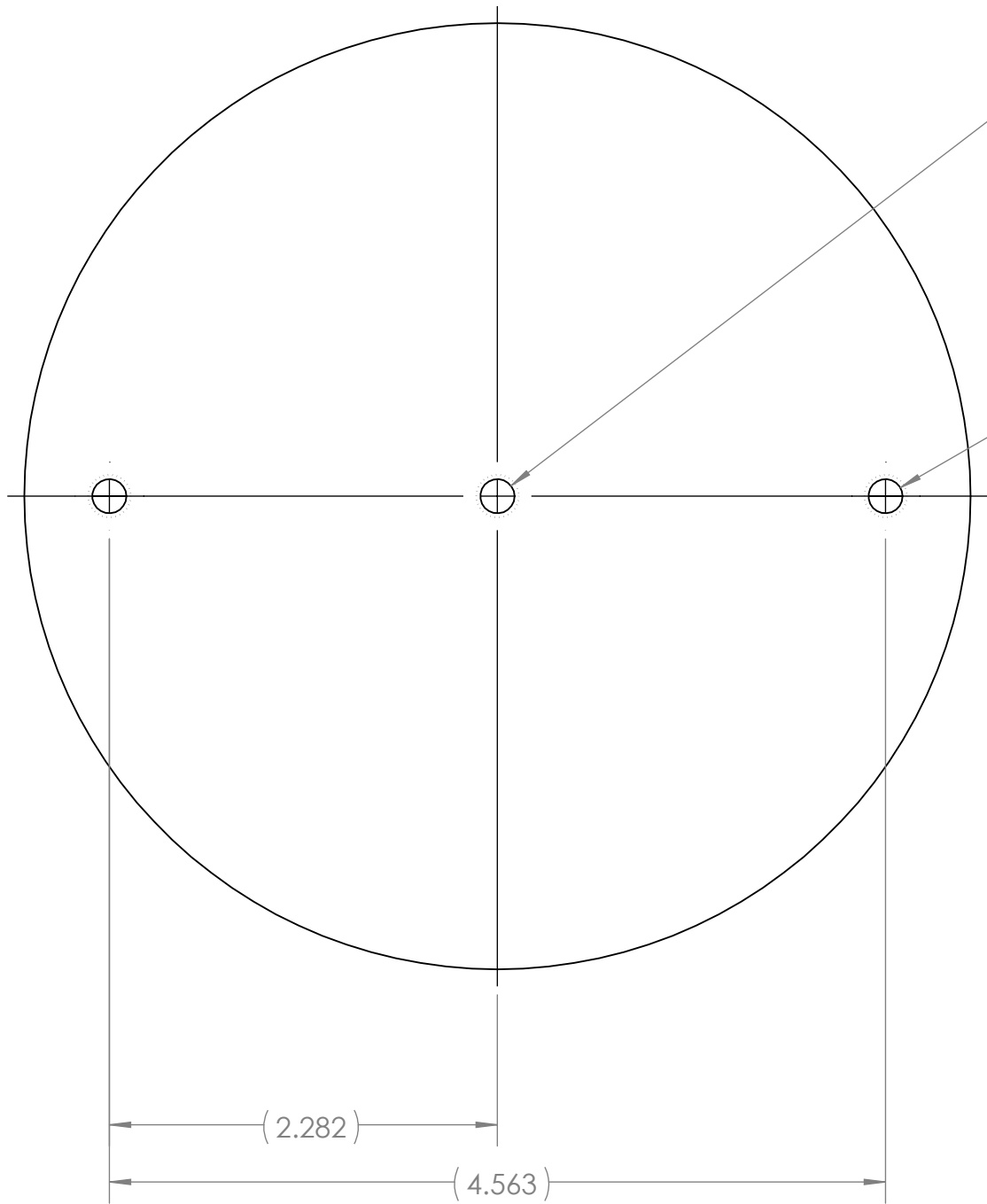
8. Finish: HARD CLEAR ANODIZE IN ACCORDANCE WITH MIL-A-8625F TYPE III, CLASS I (.001 THICK) TEFLON SEAL COAT. RACK AS SHOWN.

7. PROJECT
LIBRARY\\atlas\ProjectLibrary\902306.SINKER\Project.ME.Dwgs_ARCHIVE\RecorderHousing\
P-100222415-Recorder-Housing-Multi-Config-EndCap

NOTES: (CONT. FROM TITLE BLOCK)

BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS DATE
Inspector		1 PLACE DIM $\pm 1/16$	DRAWN J. ERICKSON 12/20/21
Shop Foreman		2 PLACE DIM $\pm .02$	ENGINEER J. ERICKSON 12/20/21
Engineer		3 PLACE DIM $\pm .005$	CHECKED P. ROBERTS 08/08/25
NEXT ASSY Description	NEXT ASSY Number	ANGLES $\pm 1^\circ$	PROJECT NO. 902111 and 901221
	A-221xxx_21		PROJECT Recorder Housings
Application		DO NOT SCALE DRAWING	WEIGHT 1.526
Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700			
Recorder Housing Endcaps 5in. End Cap_FRONT			
SIZE B	DWG. NO. P-221660-21.DWG	REV.	
SCALE 1:2	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 4	

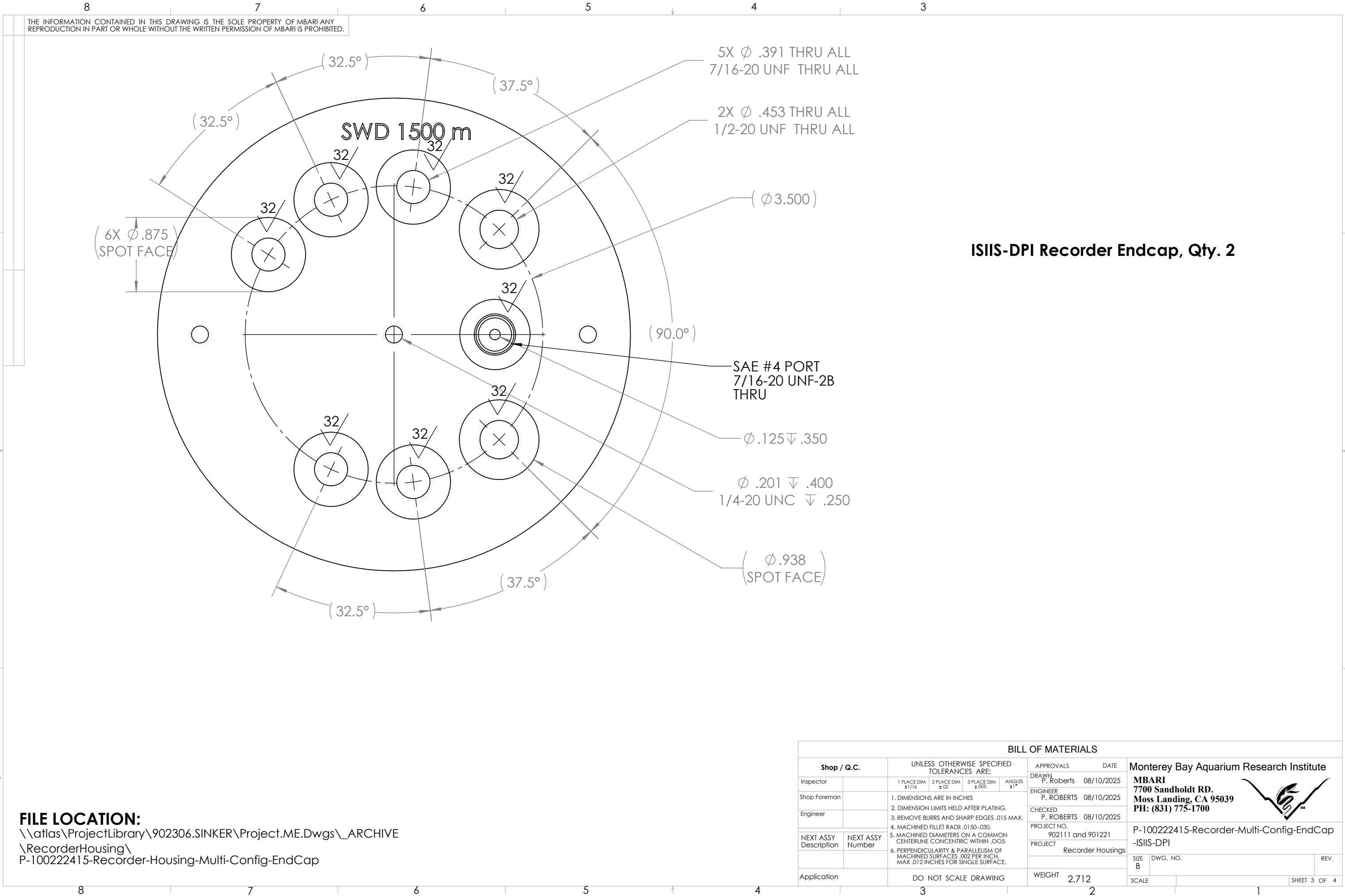
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.



Default Config, blank cap for one of each recorder housing
Qty. 8, leave 4 as is, other 4 split into 2 each of Sheet 4, Sheet 5
port configuration

FILE LOCATION:
\\atlas\ProjectLibrary\902306.SINKER\Project.ME.Dwgs_ARCHIVE
\RecorderHousing\
P-100222415-Recorder-Housing-Multi-Config-EndCap

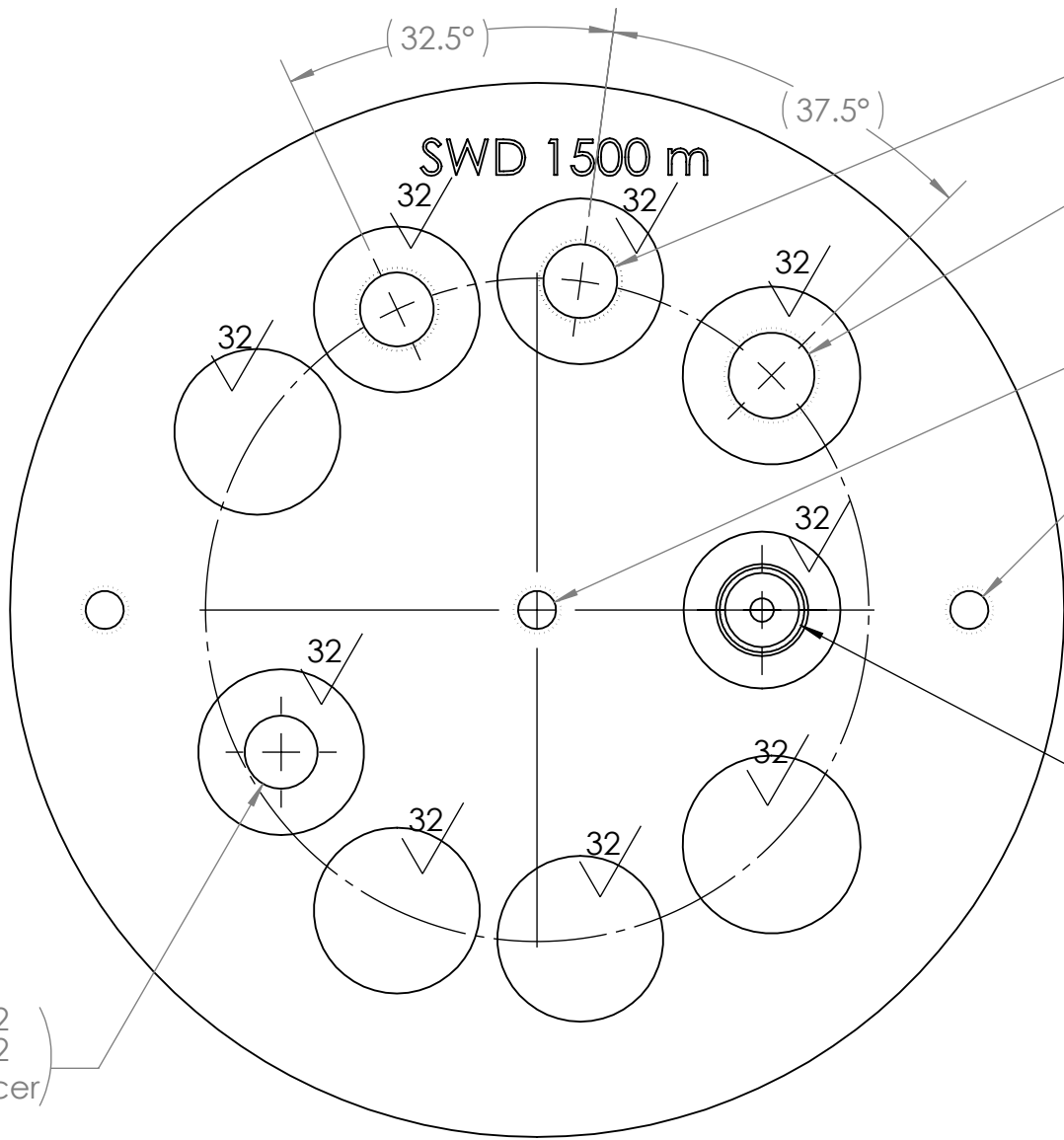
BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN P. Roberts	08/10/2025		
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 P. ROBERTS	08/10/2025		
Engineer						CHECKED P. ROBERTS	08/10/2025		
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 902111 and 901221		P-100222415-Recorder-Multi-Config-EndCap -Default	
						PROJECT Recorder Housings			
Application		DO NOT SCALE DRAWING				WEIGHT	1.526	SIZE B	DWG. NO.
						SCALE		SHEET 2 OF 4	



FILE LOCATION:
\\atlas\ProjectLibrary\902306.SINKER\Project.ME.Dwgs_ARCHIVE
\RecorderHousing\
P-100222415-Recorder-Housing-Multi-Config-EndCap

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 P. Roberts	08/10/2025		
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 P. ROBERTS	08/10/2025		
Engineer						CHECKED P. ROBERTS	08/10/2025		
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 902111 and 901221		P-100222415-Recorder-Multi-Config-EndCap -ISIIS-DPI	
						PROJECT Recorder Housings			
Application		DO NOT SCALE DRAWING				WEIGHT	2.712	SIZE B	DWG. NO.
								SCALE	REV.
									SHEET 3 OF 4

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2X ϕ .391 THRU ALL
7/16-20 UNF THRU ALL

ϕ .453 THRU ALL
1/2-20 UNF THRU ALL

ϕ .201 ∇ .400
1/4-20 UNC ∇ .250

2X ϕ .201 ∇ .350
1/4-20 UNC ∇ .250

SAE #4 PORT
7/16-20 UNF-2B
THRU

ϕ .386 $\begin{smallmatrix} +.002 \\ -.002 \end{smallmatrix}$
(ST-DRY / Lancer)

i2MAP 4k recorder config Qty. 2

FILE LOCATION:

\\atlas\ProjectLibrary\902306.SINKER\Project.ME.Dwgs_ARCHIVE
\RecorderHousing\
P-100222415-Recorder-Housing-Multi-Config-EndCap

BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute		
Inspector		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$	DRAWN P. Roberts	08/10/2025	MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 		
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER P. ROBERTS	08/10/2025			
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030.				CHECKED P. ROBERTS	08/10/2025			
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. 902111 and 901221		P-100222415-Recorder-Multi-Config-EndCap-i2MAP		
						PROJECT Recorder Housings				
Application		DO NOT SCALE DRAWING				WEIGHT	2.752	SIZE B	DWG. NO.	REV.
								SCALE		SHEET 4 OF 4