

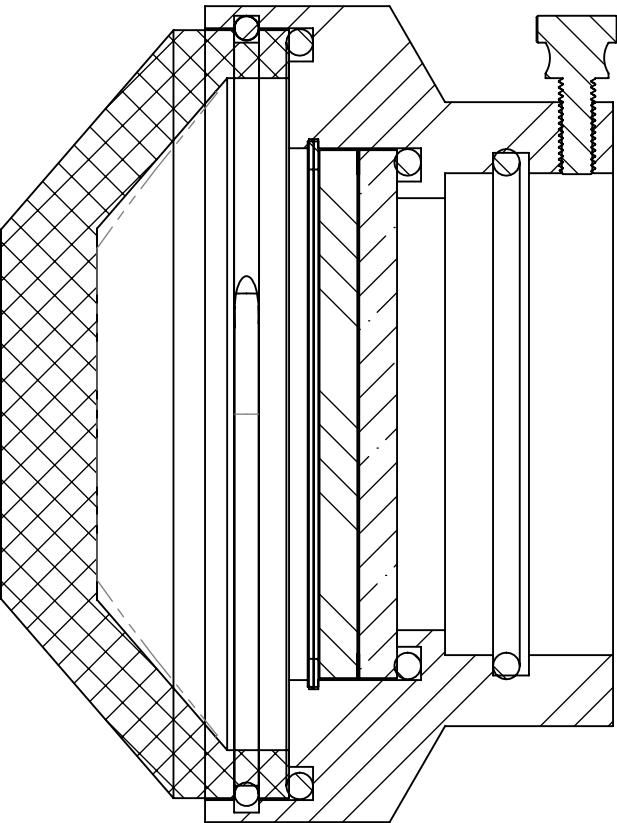
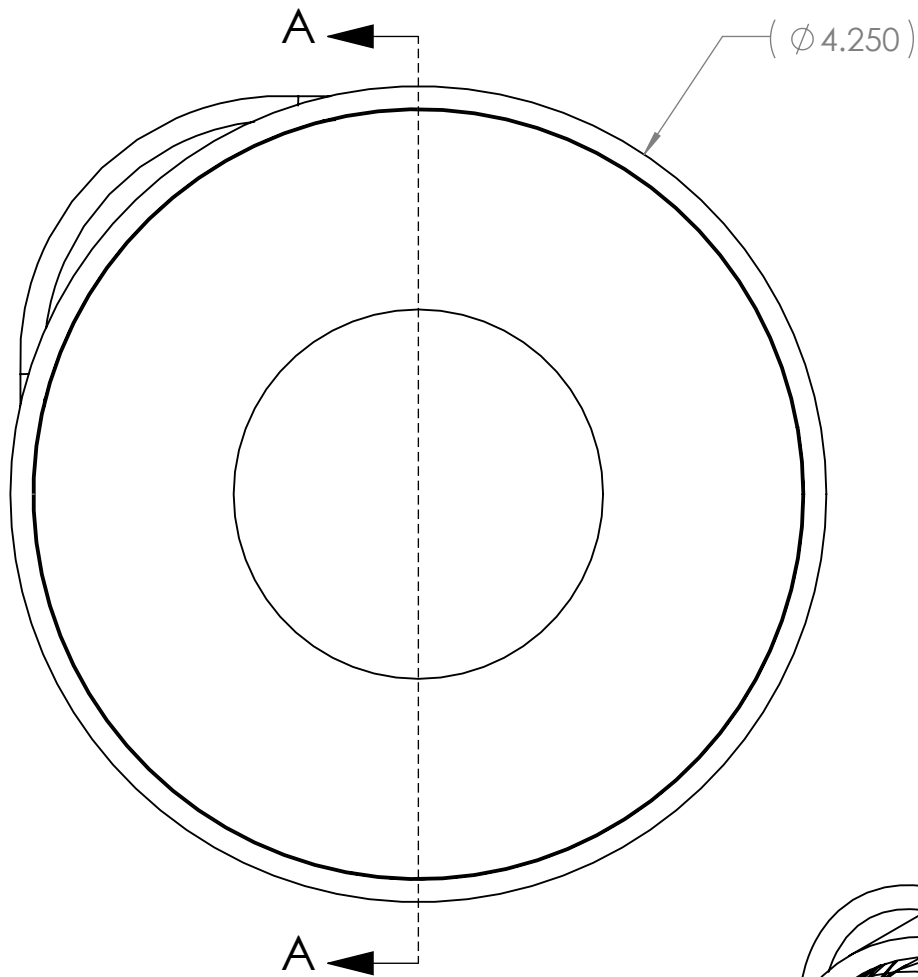
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REVISIONS

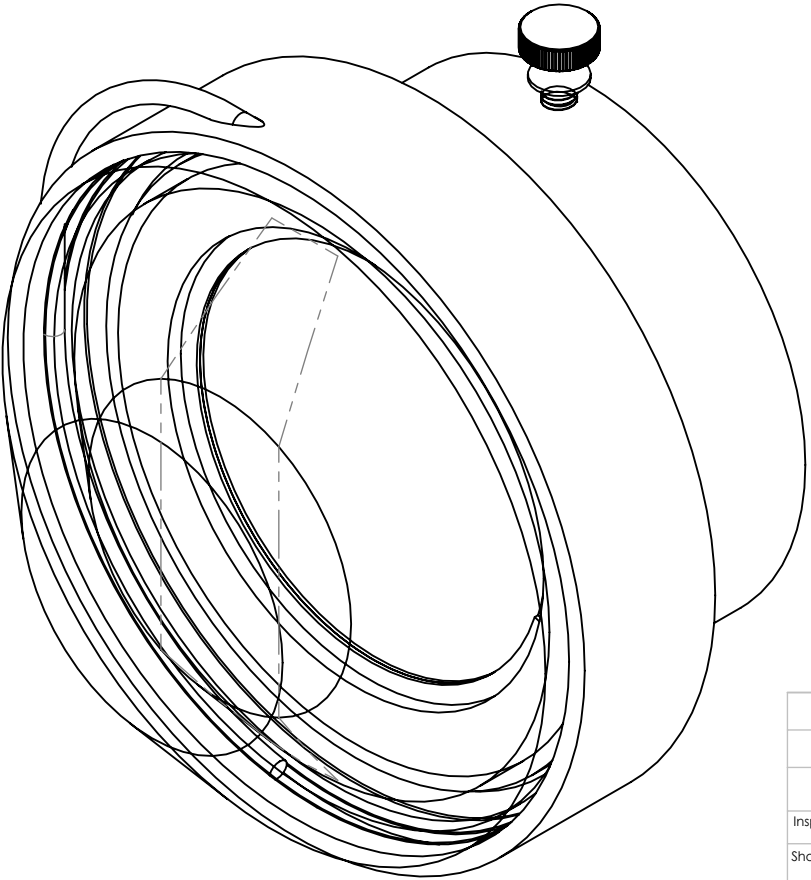
INITIAL RELEASE

X/XX/01

J.E.



SECTION A-A
SCALE 1 : 1



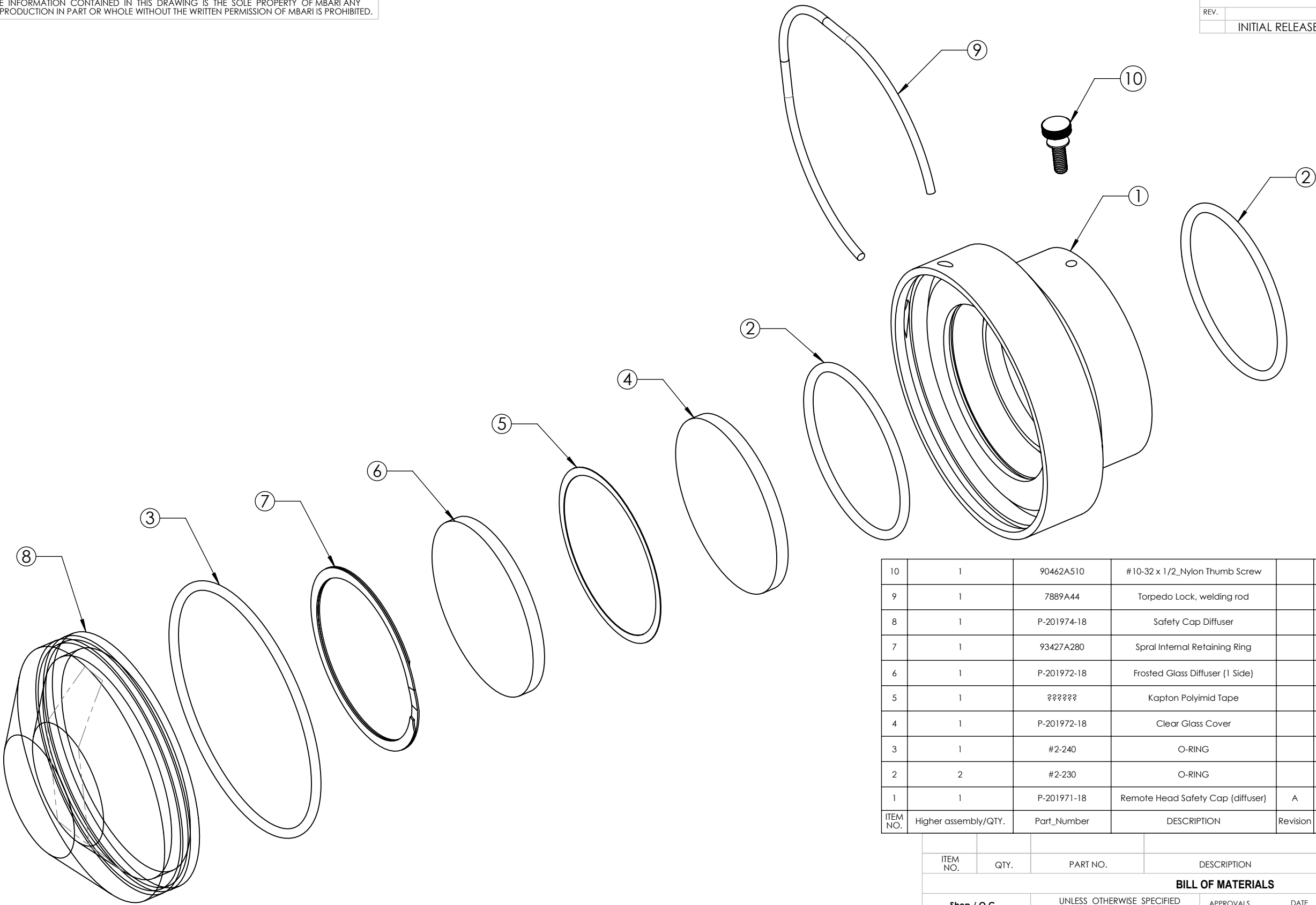
7. PROJECT LIBRARYX:\901506 DeepPIV\ME Drawings\Remote Head_V3\SafetyCap\A-201xxx-18_SafetyCap

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		DRAWN	J. ERICKSON
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER	J. ERICKSON
		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	ZZZZZZZZ
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			
Application		DO NOT SCALE DRAWING		WEIGHT	
				PROJECT NAME	
				Safety Cap - Remote Head	
				SIZE B	DWG. NO. A-201xxx-18.DWG
				SCALE 1:8	CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 2
				REVISION	
				Monterey Bay Aquarium Research Institute	
				MBARI	
				7700 Sandholdt RD.	
				Moss Landing, CA 95039	
				PH: (831) 775-1700	
					

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



10	1	90462A510	#10-32 x 1/2_Nylon Thumb Screw		McMaster-Carr	Nylon (Glass Filled)
9	1	7889A44	Torpedo Lock, welding rod		McMaster-Carr	Polypropylene 1/8 x 5.875
8	1	P-201974-18	Safety Cap Diffuser		MBARI	PE UHMW
7	1	93427A280	Spral Internal Retaining Ring		McMaster Carr	
6	1	P-201972-18	Frosted Glass Diffuser (1 Side)		MBARI	BK-7 Glass
5	1	??????	Kapton Polyimide Tape		McMaster-Carr	Polyimide
4	1	P-201972-18	Clear Glass Cover		MBARI	Borosilicate Glass
3	1	#2-240	O-RING			BUNA - N
2	2	#2-230	O-RING			BUNA - N
1	1	P-201971-18	Remote Head Safety Cap (diffuser)	A	MBARI	POM Delrin (Black)
ITEM NO.	Higher assembly/QTY.	Part_Number	DESCRIPTION	Revision	Vendor	MATERIAL

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.			
Engineer					
NEXT ASSY Description	NEXT ASSY Number				
Application		DO NOT SCALE DRAWING	WEIGHT	PROJECT NO. XXX PROJECT ZZZZZZZZ PROJECT NAME Safety Cap - Remote Head SIZE B DWG. NO. A-201xxx-18.DWG SCALE 1:8 CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 2	

NOTES: (CONT. FROM TITLE BLOCK)

Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700			
PROJECT NAME Safety Cap - Remote Head		REV A-201xxx-18.DWG	
SIZE B	DWG. NO.		
SCALE 1:8	CAD FILE: MECH ENG ON TORNADO	SHEET 2	OF 2