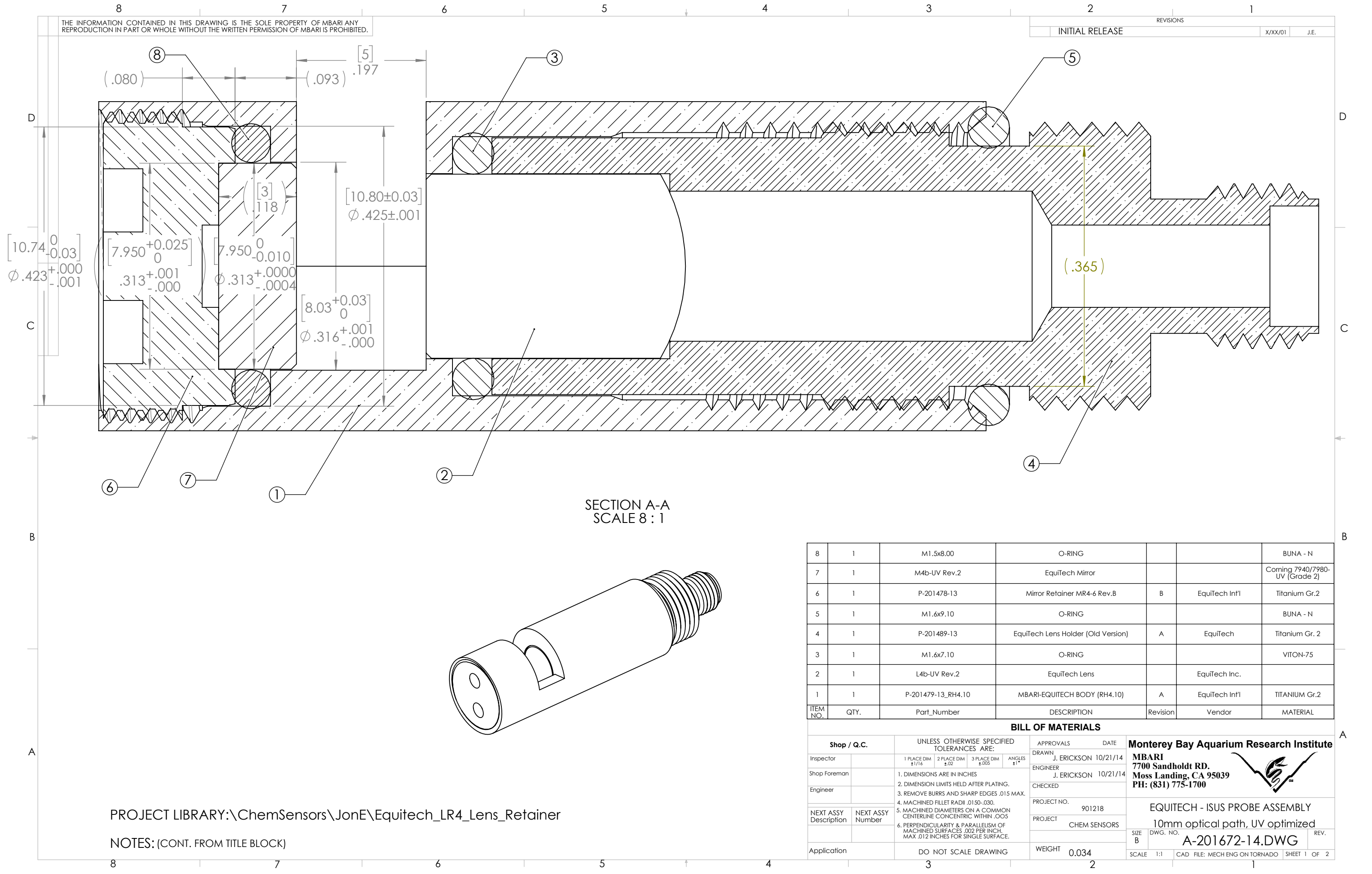
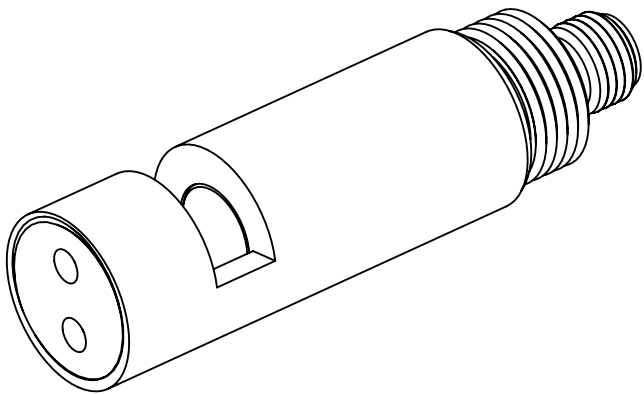




SECTION A-A
SCALE 8 : 1



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NOTES: (CONT. FROM TITLE BLOCK)

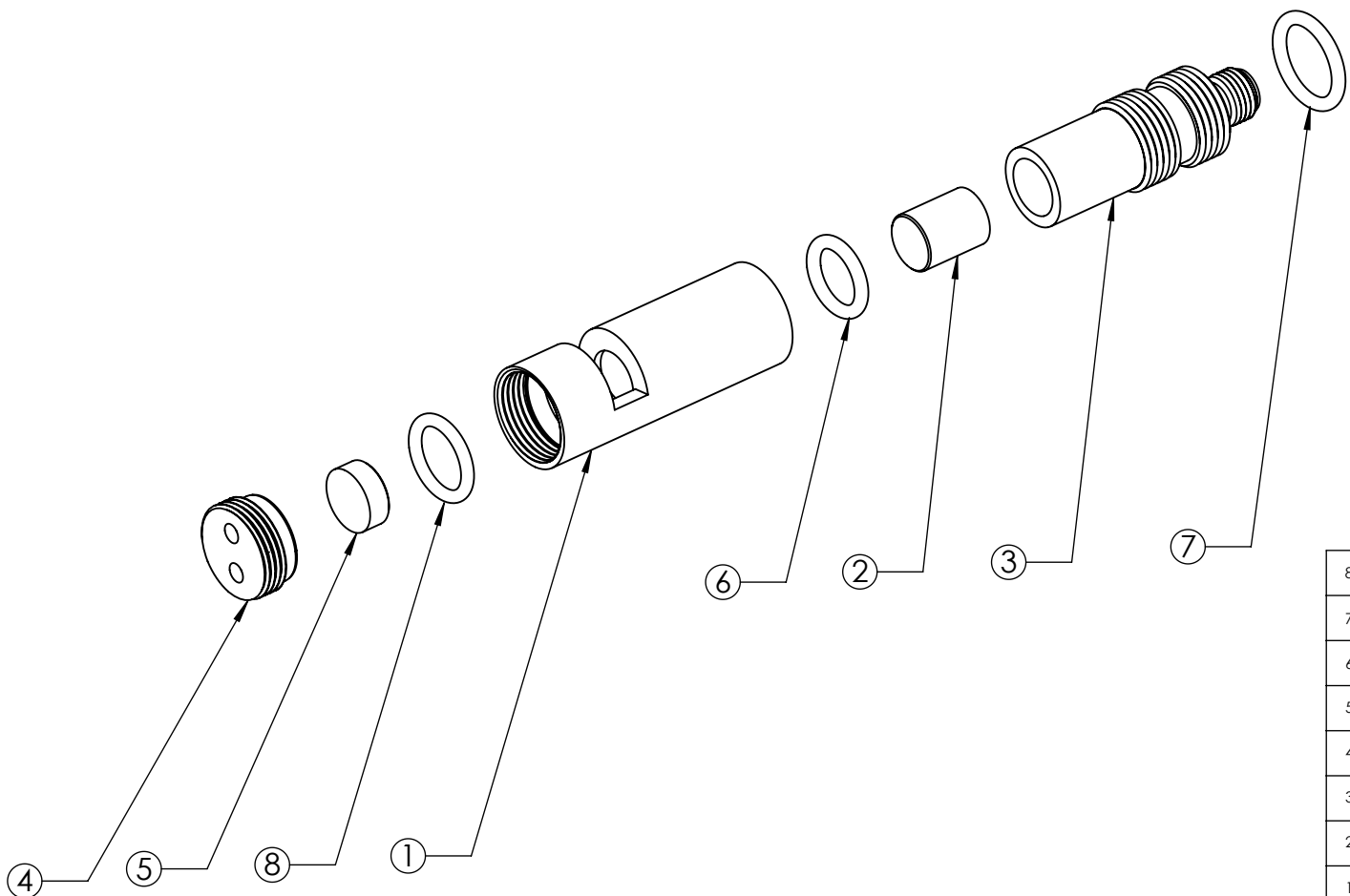
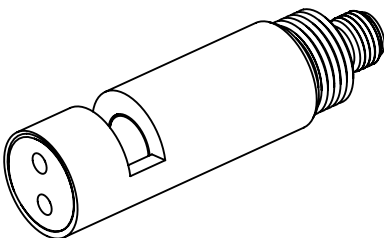
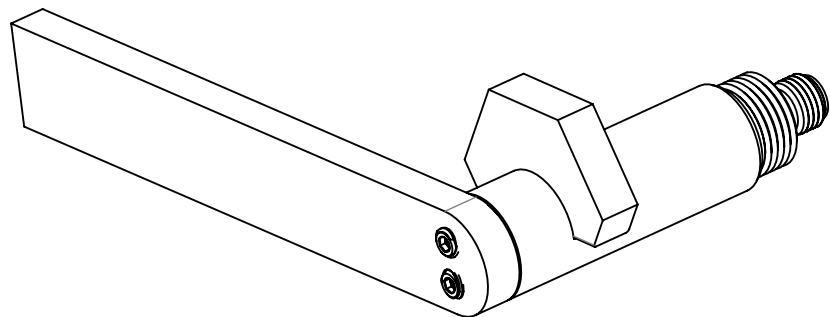
8	1	M1.5x8.00	O-RING			BUNA - N
7	1	M4b-UV Rev.2	EquiTech Mirror			Corning 7940/7980-UV (Grade 2)
6	1	P-201478-13	Mirror Retainer MR4-6 Rev.B	B	EquiTech Int'l	Titanium Gr.2
5	1	M1.6x9.10	O-RING			BUNA - N
4	1	P-201489-13	EquiTech Lens Holder (Old Version)	A	EquiTech	Titanium Gr. 2
3	1	M1.6x7.10	O-RING			VITON-75
2	1	L4b-UV Rev.2	EquiTech Lens		EquiTech Inc.	
1	1	P-201479-13_RH4.10	MBARI-EQUITECH BODY (RH4.10)	A	EquiTech Int'l	TITANIUM Gr.2
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Vendor	MATERIAL

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	J. ERICKSON	10/21/14				
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	10/21/14				
Engineer						CHECKED						
NEXT ASSY Description		NEXT ASSY Number				PROJECT NO.	901218		EQUITECH - ISUS PROBE ASSEMBLY			
Application						PROJECT	CHEM SENSORS					
						WEIGHT	0.034		10mm optical path, UV optimized			
										SIZE B	DWG. NO.	REV.
										A-201672-14.DWG		
										SCALE 1:1	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 2

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



8	1	M1.5x8.00	O-RING			BUNA - N
7	1	M1.6x9.10	O-RING			BUNA - N
6	1	M1.6x7.10	O-RING			VITON-75
5	1	M4b-UV Rev.2	EquiTech Mirror			Corning 7940/7980-UV (Grade 2)
4	1	P-201478-13	Mirror Retainer MR4-6 Rev.B	B	EquiTech Int'l	Titanium Gr.2
3	1	P-201489-13	EquiTech Lens Holder (Old Version)	A	EquiTech	Titanium Gr. 2
2	1	L4b-UV Rev.2	EquiTech Lens		EquiTech Inc.	
1	1	P-201479-13_RH4.10	MBARI-EQUITTECH BODY (RH4.10)	A	EquiTech Int'l	TITANIUM Gr.2
ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Vendor	MATERIAL

BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute			
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	J. ERICKSON		10/21/14		 MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
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		10/21/14				
Engineer						CHECKED							
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	901218		PROJECT	CHEM SENSORS			
Application		DO NOT SCALE DRAWING				WEIGHT		0.034 lb.		EQUITECH - ISUS PROBE TOOL PRINT 10mm optical path, UV optimized			
						SIZE B		DWG. NO.		A-201672-14.DWG		REV.	
						SCALE 2:1		CAD FILE: MECH ENG ON TORNADO		SHEET 2 OF 2			

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NOTES: (CONT. FROM TITLE BLOCK)