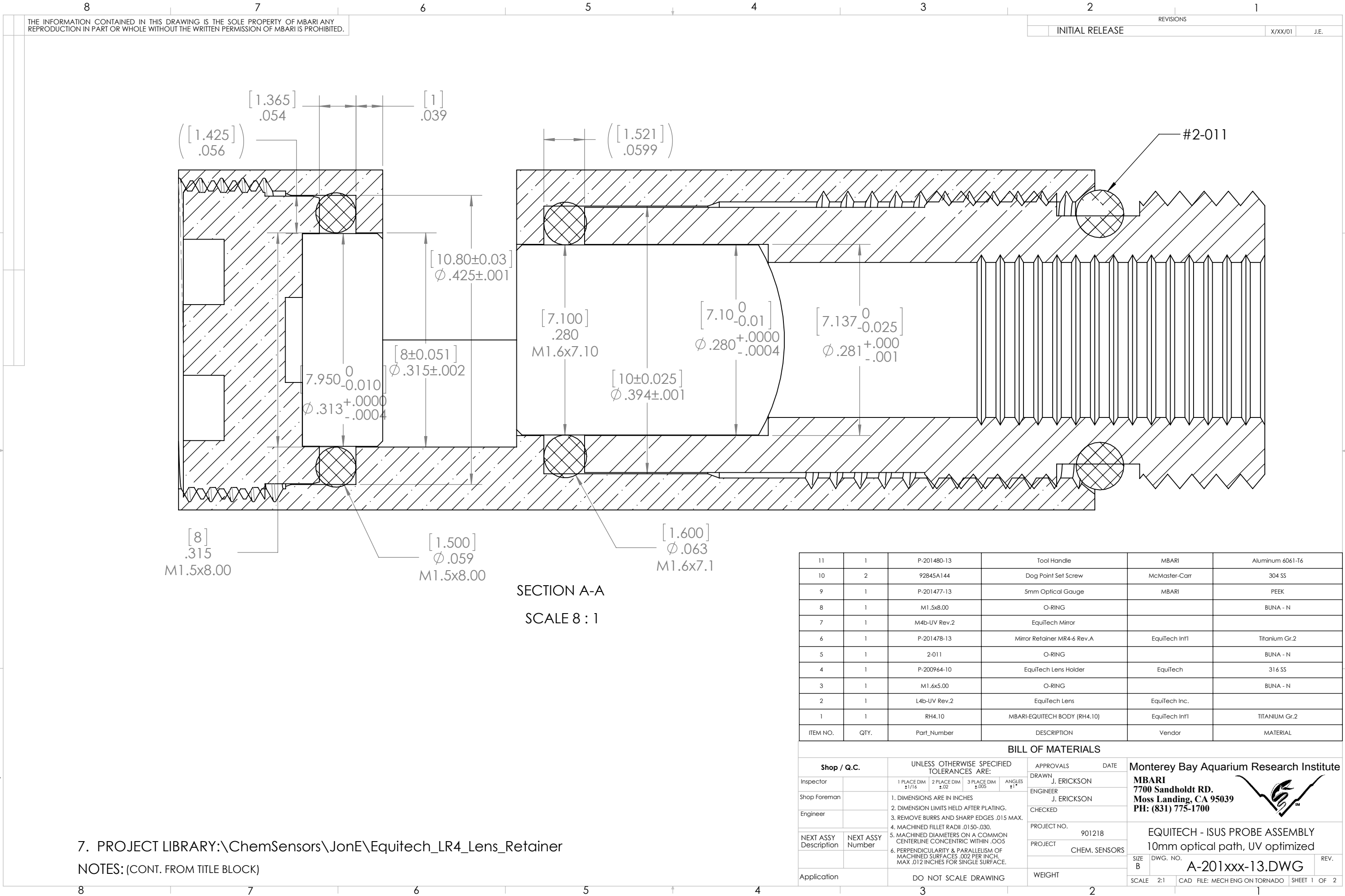




THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

REVISIONS		
INITIAL RELEASE	X/XX/01	J.E.

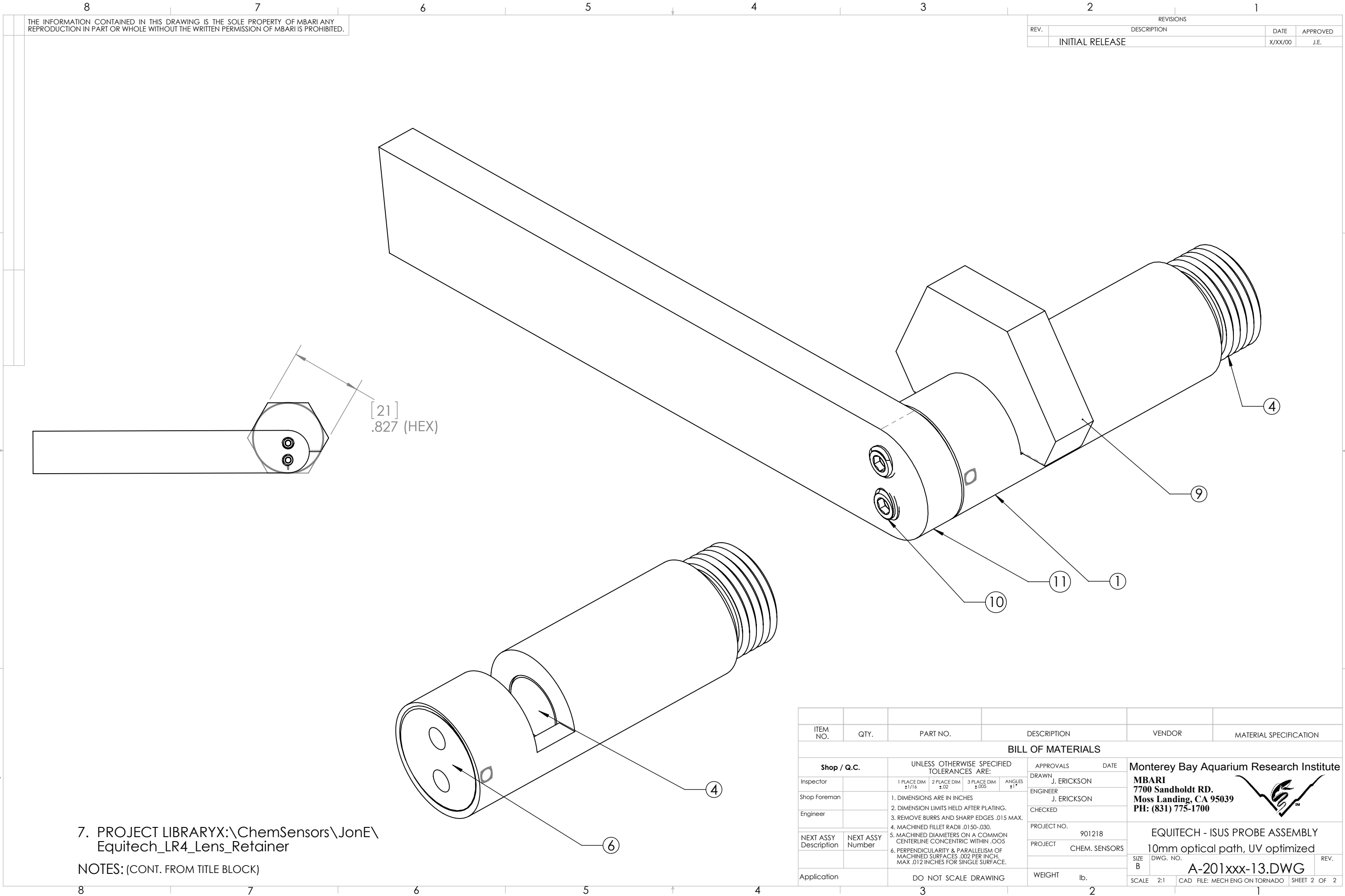
SECTION A-A
SCALE 8 : 1

11	1	P-201480-13	Tool Handle	MBARI	Aluminum 6061-T6
10	2	92845A144	Dog Point Set Screw	McMaster-Carr	304 SS
9	1	P-201477-13	5mm Optical Gauge	MBARI	PEEK
8	1	M1.5x8.00	O-RING		BUNA - N
7	1	M4b-UV Rev.2	EquiTech Mirror		
6	1	P-201478-13	Mirror Retainer MR4-6 Rev.A	EquiTech Int'l	Titanium Gr.2
5	1	2-011	O-RING		BUNA - N
4	1	P-200964-10	EquiTech Lens Holder	EquiTech	316 SS
3	1	M1.6x5.00	O-RING		BUNA - N
2	1	L4b-UV Rev.2	EquiTech Lens	EquiTech Inc.	
1	1	RH4.10	MBARI-EQUITECH BODY (RH4.10)	EquiTech Int'l	TITANIUM Gr.2
ITEM NO.	QTY.	Part_Number	DESCRIPTION	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			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						
Engineer						CHECKED							
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	901218			EQUITECH - ISUS PROBE ASSEMBLY 10mm optical path, UV optimized			
						PROJECT	CHEM. SENSORS					SIZE B	REV.
Application		DO NOT SCALE DRAWING				WEIGHT				A-201xxx-13.DWG			
						SCALE	2:1	CAD	FILE: MECH ENG ON TORNADO	SHEET	1	OF	2

7. PROJECT LIBRARY:\ChemSensors\JonE\Equitech_LR4_Lens_Retainer
NOTES: (CONT. FROM TITLE BLOCK)



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.

7. PROJECT LIBRARYX:\ChemSensors\JonE\
Equitech_LR4_Lens_Retainer

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°	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 	
Shop Foreman		1. DIMENSIONS ARE IN INCHES					
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.					
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.					
		4. MACHINED FILLET RADII .0150-.030.					
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				PROJECT NO. 901218	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				PROJECT CHEM. SENSORS	
Application		DO NOT SCALE DRAWING		WEIGHT lb.	SIZE B	DWG. NO. A-201xxx-13.DWG	REV.
				SCALE 2:1	CAD FILE: MECH ENG ON TORNADO		SHEET 2 OF 2