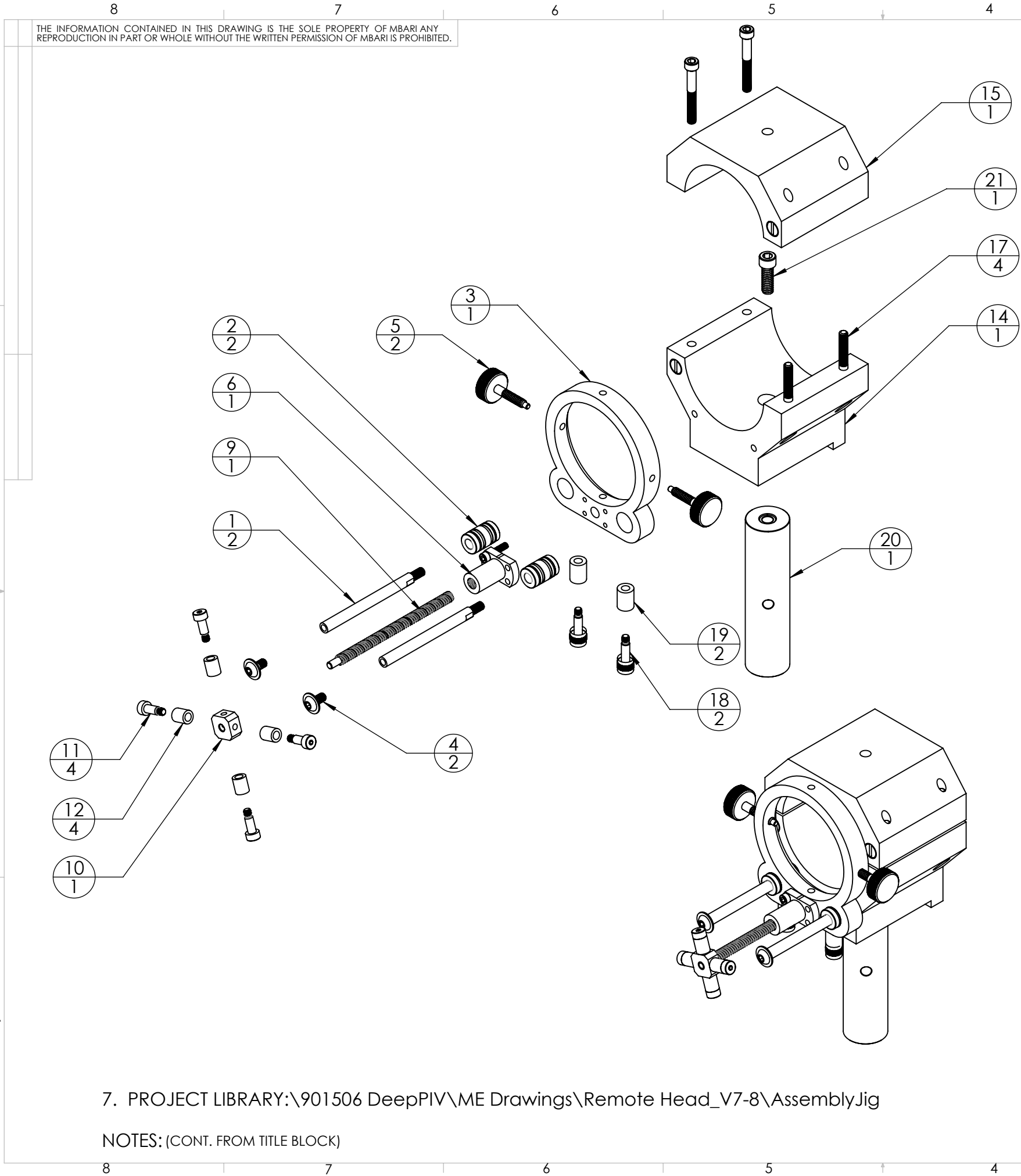




ITEM NO.	QTY.	Part_Number	DESCRIPTION	Revision	Vendor	MATERIAL
21	1	92185A540	1/4-20 x 3/4 Soc Hd Cap		McMaster-Carr	AISI 316
20	1	RS4	ThorLabs RS4 Post 1" x 4" x 1/4-20		ThorLabs	AISI 303 Annealed
19	2	92320A545	#10 Spacer x .5 Long		McMaster-Carr	AISI 304
18	2	92952A220	#8-32 - 1/4 Shoulder Screw x .5Long		McMaster-Carr	AISI 304
17	4	92185A994	#10-32 x 1.5 Sckt Hd Cap Screw		McMaster-Carr	AISI 316
16	4		Barrel Nut		MBARI	
15	1	P-100221469-20	Remote Head Assembly Jig Mount		MBARI	POM Delrin (Black)
14	1	P-100221469-20	Remote Head Assembly Jig Mount		MBARI	ABS
13	1	A-202xxx-19	Remote Head Clamp Assembly		MBARI	
12	4	92320A464	#10 Unthreaded Spacer		McMaster-Carr	AISI 304
11	4	94035A204	#10-32 Precision Shoulder Screw		McMaster-Carr	AISI 304
10	1	P-202XXX-20	Handle Hub		MBARI	AISI 303 Annealed
9	1	6350K699	1/4-16, 4 Start Ultra Precision		McMaster-Carr	AISI 303 Annealed
8	1		Jacking Screw Assembly		MBARI	
7	1	92185A149	#6-32 x 5/8 Sckt Hd Cap Screw		McMaster-Carr	AISI 316
6	1	6350K310	1/4-16 ACME 4 Start Nut		McMaster-Carr	
5	2	93015A208	#10-32 Thumb Screw		McMaster-Carr	AISI 304
4	2	95560A112	#10-32 x 3/8 Extra-Wide Flange Round Head Screw		McMaster-Carr	AISI 316
3	1	P-201xxx-20	Linear Rail Mount		MBARI	Material <not specified>
2	2	9533T100	Synthetic Linear Bearing		McMaster-Carr	Material <not specified>
1	2	5010N135	1/4 Dia. Precision Shaft (Custom)		McMaster-Carr	

BILL OF MATERIALS						
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	DATE	
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.	901809
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.			WEIGHT	1.352
Application		DO NOT SCALE DRAWING			SCALE	1:4
					CAD FILE:	MECH ENG ON TORNADO
					SHEET	1 OF 1

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



PROJECT NAME
Remote Head Lab Assembly Jig

SIZE B DWG. NO. A-100221xxx-20.DWG REV.