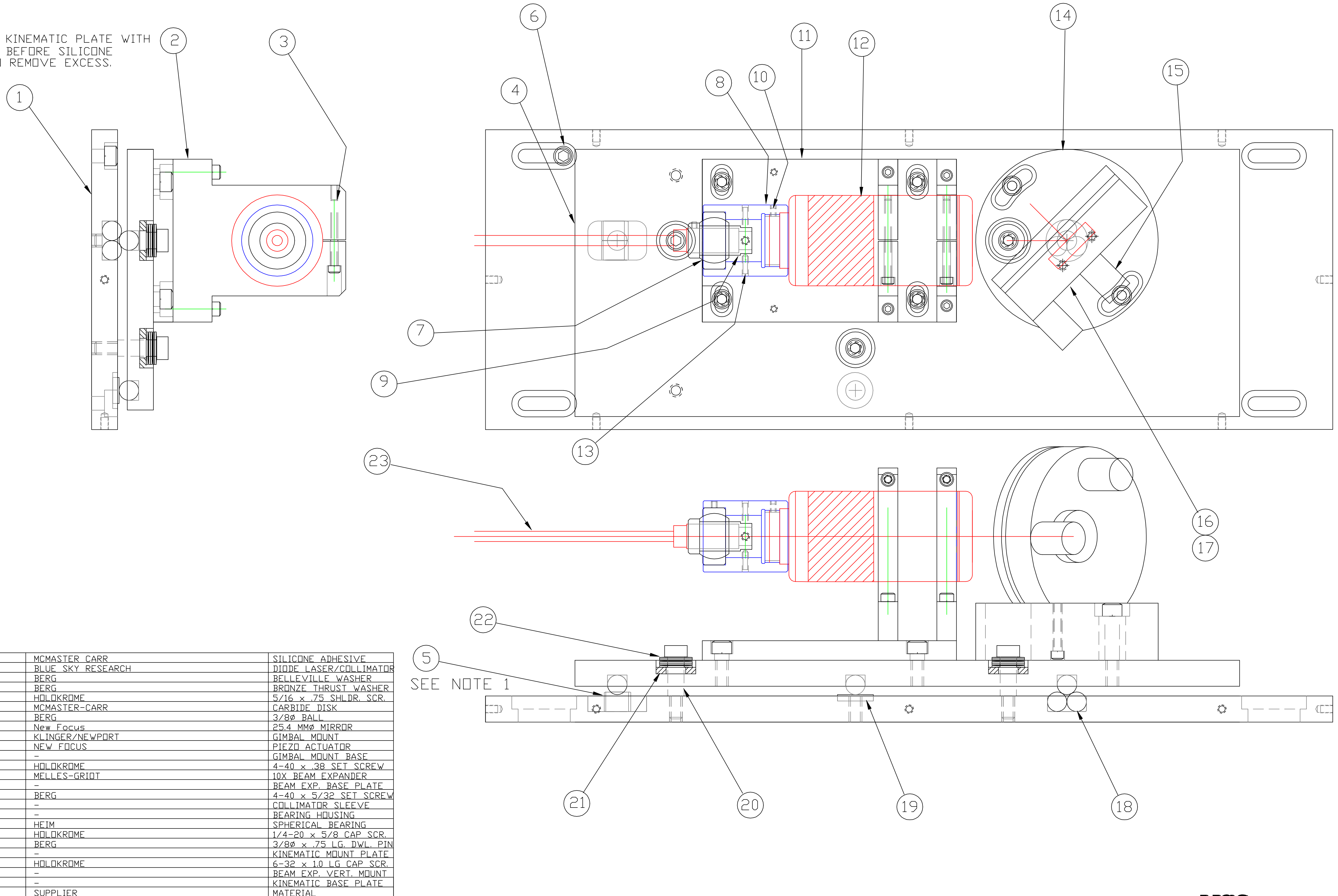


NOTES

1. ASSEMBLE BASE AND KINEMATIC PLATE WITH ITEMS 20,21, AND 22 BEFORE SILICONE ADHESIVE IS DRY TO REMOVE EXCESS.



24	A/R	7547A697	MCMASTER CARR	SILICONE ADHESIVE
23	1	FBC-024	BLUE SKY RESEARCH	DIODE LASER/COLLIMATOR
22	15	ST-6	BERG	BELLEVILLE WASHER
21	3	CD2-5	BERG	BRONZE THRUST WASHER
20	3	08022	HOLOKROME	5/16 x .75 SHldr. SCR.
19	1	3289A62	MCMASTER-CARR	CARBIDE DISK
18	6	PT4-12	BERG	3/8" BALL
17	1	5101	New Focus	25.4 MMØ MIRROR
16	1	SL25.4	KLINGER/NEWPORT	GIMBAL MOUNT
15	2	8321	NEW FOCUS	PIEZD ACTUATOR
14	1	D970108-B-D	-	GIMBAL MOUNT BASE
13	4	32028	HOLOKROME	4-40 x .38 SET SCREW
12	1	09_LBM_013	MELLES-GRIOT	10X BEAM EXPANDER
11	1	D970107-B-D	-	BEAM EXP. BASE PLATE
10	1	SC8-5	BERG	4-40 x 5/32 SET SCREW
9	1	D970106-B-D	-	COLLIMATOR SLEEVE
8	1	D970105-A-D	-	BEARING HOUSING
7	1	LHSS-9	HEIM	SPHERICAL BEARING
6	12	78056	HOLOKROME	1/4-20 x 5/8 CAP SCR.
5	2	D30-6	BERG	3/8" x .75 LG. DWL. PIN
4	1	D970104-B-D	-	KINEMATIC MOUNT PLATE
3	10	72050	HOLOKROME	6-32 x 1.0 LG CAP SCR.
2	2	D970103-B-D	-	BEAM EXP. VERT. MOUNT
1	1	D970110-A-D	-	KINEMATIC BASE PLATE
REF QTY		PART NO.	SUPPLIER	MATERIAL

SEE NOTE 1

			UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES										LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
			TOLERANCES: FRACTIONAL ± 1/16(.16) ANGULAR ± 1° TWO PLACE DECIMAL ± .01(.025) THREE PLACE DECIMAL ± .005(.013)										FINISHED SURFACE RMS 63 BREAK CORNERS IN: OUT: .02 REMOVE ALL BURRS		B CH'D MIRROR MOUNT MASON 5/98 A INITIAL RELEASE MASON 5/98 00 PRE-RELEASE MASON 4/97	
MATERIAL: -			HEAT TREAT: -			FINISH: -			DCC SYS DET CDS VE CC BT CHECK DRWN DATE		CAD FILE D970102-B.DWG SCALE FULL		SIZE DWG. NO. D970102-B-D SHEET 1 of 1			
DWG. NO. REFERENCE DRAWINGS			USED ON: OPTICAL LEVER ASSY			NEXT ASS'Y: D980190-A-D			REV DESCRIPTION ISSUE DESCRIPTION							