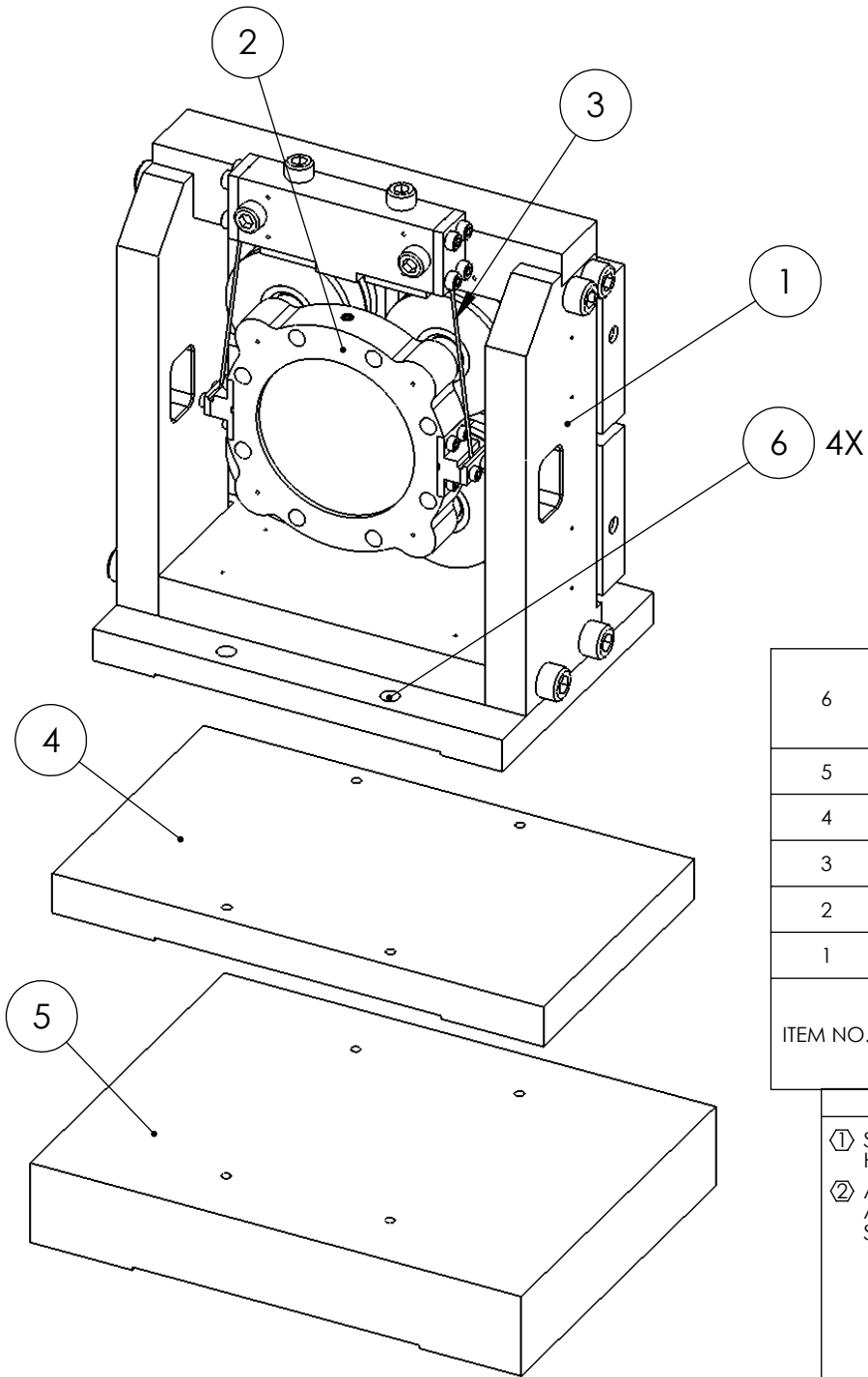


REV.	DATE	DCN #	DRAWING TREE #
A	4 AUG 2008	E080419-00-D	
B	6 AUG 2008	E080420-00-D	



ITEM NO.	REQ	PART NUMBER	DESCRIPTION	MATERIAL
6	4	-	SCREW, SOCKET HEAD CAP, #4-40 X 1.5" LG $\text{\textcircled{2}}$	300 SSSL
5	$\text{\textcircled{1}}$	D080452	BASE SHIM (1 INCH)	6061-T6 AL
4	$\text{\textcircled{1}}$	D080451	BASE SHIM (0.5 INCH)	6061-T6 AL
3	A/R	-	.015" Steel Music Wire	
2	1	D080058	MIRROR ASSEMBLY	--
1	1	D080057	STRUCTURE ASSY (ACTIVE)	--

NOTES: (UNLESS OTHERWISE SPECIFIED)

- $\text{\textcircled{1}}$ SHIMS ARE USED TO INCREASE HEIGHT OF OPTIC AS NEEDED.
- $\text{\textcircled{2}}$ ADJUST LENGTH OF CAP SCREWS AS NECESSARY TO FASTEN SHIMS TO STRUCTURE BASE.

DIMENSIONS ARE IN INCHES

TOLERANCES:

.XX ± 0.01

.XXX ± 0.005

ANGULAR ± 0.5 °

MATERIAL

--

FINISH

-- μ inch

	NAME	DATE
DRAWN	M. MEYER	28 JAN 2008
CHECKED	J. ROMIE	4 AUG 2008
APPROVED		

CALIFORNIA INSTITUTE OF TECHNOLOGY
LIGO MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 IGR, GLASGOW UNIVERSITY GEO 600 GROUP

SYSTEM ADVANCED LIGO

SUB-SYSTEM SUS

NEXT ASSY TOP ASSEMBLY

PART NAME TIP-TILT ASSY (ACTIVE)

SIZE DWG. NO.

A D080056

REV.

B

SCALE: 1:2 PROJECTION: SHEET 1 OF 1