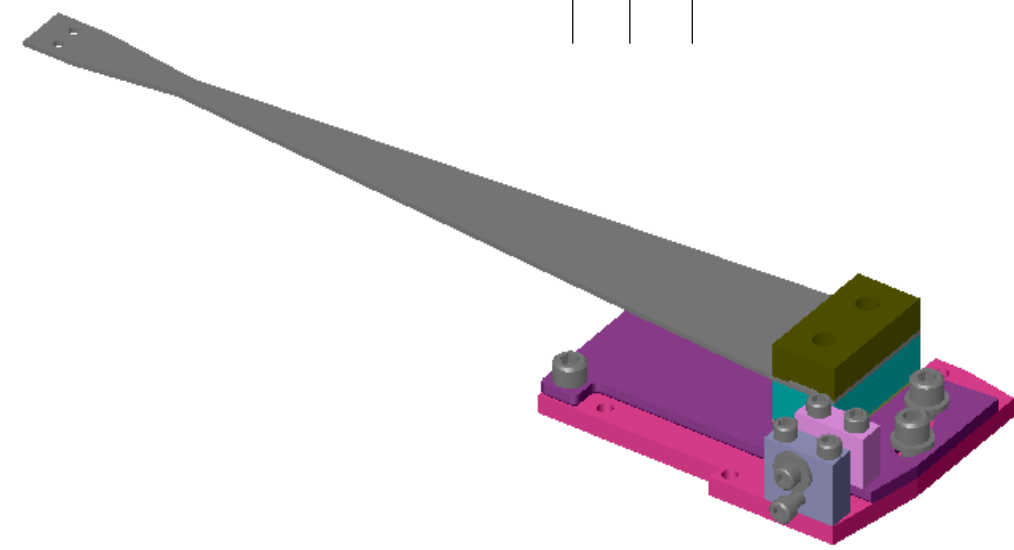
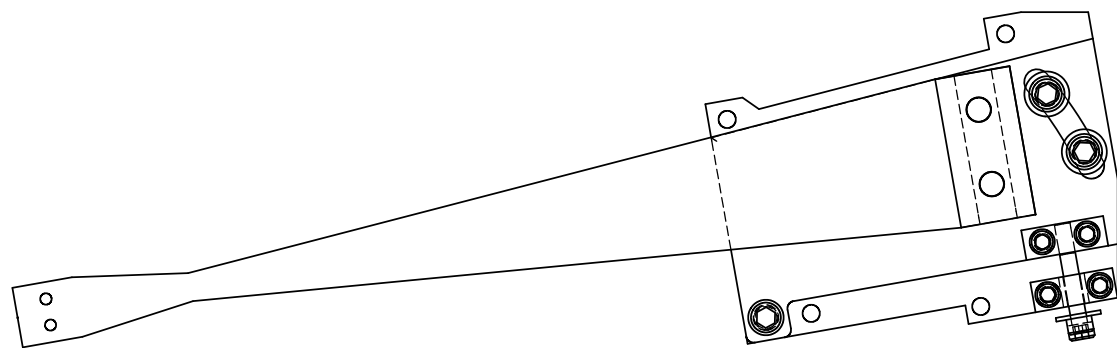
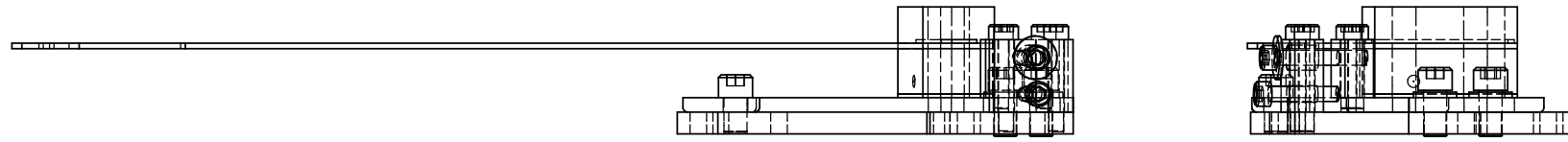


REV.	DATE	DCN #	DRAWING TREE #



D030451_Assembly_Rotational Adjuster.sat



ITEM NO	REQ.	SPARE	TOT.	PART NUMBER	DESCRIPTION	MATERIAL
16	8	1	9	D020679	UPPER BLADE CLAMP LOWERSIDE SHIM 1mm	300 SSTL
15	1	1	2		M4 (1 MM THICK) FLAT WASHER Metric-DIN 125 (OR EQUIV.)	300 SSTL
14	1	1	2		Ag-SST SOCKET HEAD CAP SCREW #8-32 UNC-3A X 0.75 LONG	300 SSTL
13	1	1	2		Ag-SST SOCKET HEAD CAP SCREW #8-32 UNC-3A X 1 LONG	300 SSTL
12	2	2	4		SST SOCKET HEAD CAP SCREW #8-32 UNC-3A X 1 LONG	300 SSTL
11	2	2	4		FLAT WASHERS NAS 620-C416 (OR EQUIV.)	300 SSTL
10	2	2	4		SST SOCKET HEAD CAP SCREW 0.25-20 UNC-3A X 0.5 LONG	300 SSTL
9	2	2	4		SST SOCKET HEAD CAP SCREW #8-32 UNC-3A X 0.75 LONG	300 SSTL
8	1	1	2		SST SOCKET HEAD CAP SCREW 0.25-20 UNC-3A X 0.375 LONG	300 SSTL
7	1	1	2	D020116	UPPER BLADE CLAMP UPPER SIDE 0.0 DEGREE	300 SSTL
6	1	1	2	D030459	RA UPPER BLADE CLAMP LOWER SIDE 0.0 DEGREE	300 SSTL
5	4	2	6	D030449	PUSH PLATE	300 SSTL
4	4	2	6	D030450	PULL PLATE	300 SSTL
3	1	1	2	D020205	UPPER BLADE	MARAGING STEEL C250
2	4	2	6	D030447	ROTATING PLATE	300 SSTL
1	4	2	6	D030448	BASE PLATE	6061-T6 AL

FOR REVIEW

PARTS LIST															
<p>NOTES: (UNLESS OTHERWISE SPECIFIED)</p> <p>1. REMOVE ALL SHARP EDGES, R.02 MIN.</p> <p>2. DO NOT SCALE FROM DRAWING.</p> <p>3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL)</p> <p>④ SCRIBE, ENGRAVE OR STAMP DRAWING PARTNUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: D020188- 001. A VIBRATORY TOOL MAY BE USED.</p>															
DIMENSIONS ARE IN INCHES		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY IGR, GLASGOW UNIVERSITY GEO 600 GROUP													
TOLERANCES: .XX ± 0.01 .XXX ± 0.005 ANGULAR ± 0.5 °		SYSTEM ADVANCED LIGO SUB-SYSTEM SUS NEXT ASSY Upper Blade													
MATERIAL --		PART NAME													
FINISH N/A		Rotational Adjuster Assembly													
<table border="1"> <thead> <tr> <th></th> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN</td> <td>MPL (IGR)</td> <td>04SEP03</td> </tr> <tr> <td>CHECKED</td> <td></td> <td></td> </tr> <tr> <td>APPROVED</td> <td></td> <td></td> </tr> </tbody> </table>			NAME	DATE	DRAWN	MPL (IGR)	04SEP03	CHECKED			APPROVED			SIZE DWG. NO. D030451 REV. 01 SCALE: 1:1 PROJECTION: SHEET 1 OF 2	
	NAME	DATE													
DRAWN	MPL (IGR)	04SEP03													
CHECKED															
APPROVED															

8

7

6

5

4

3

2

1

FILE NAME/LOCATION: /sirius/engmech/

REV.	DATE	DCN #	DRAWING TREE #

D

D

C

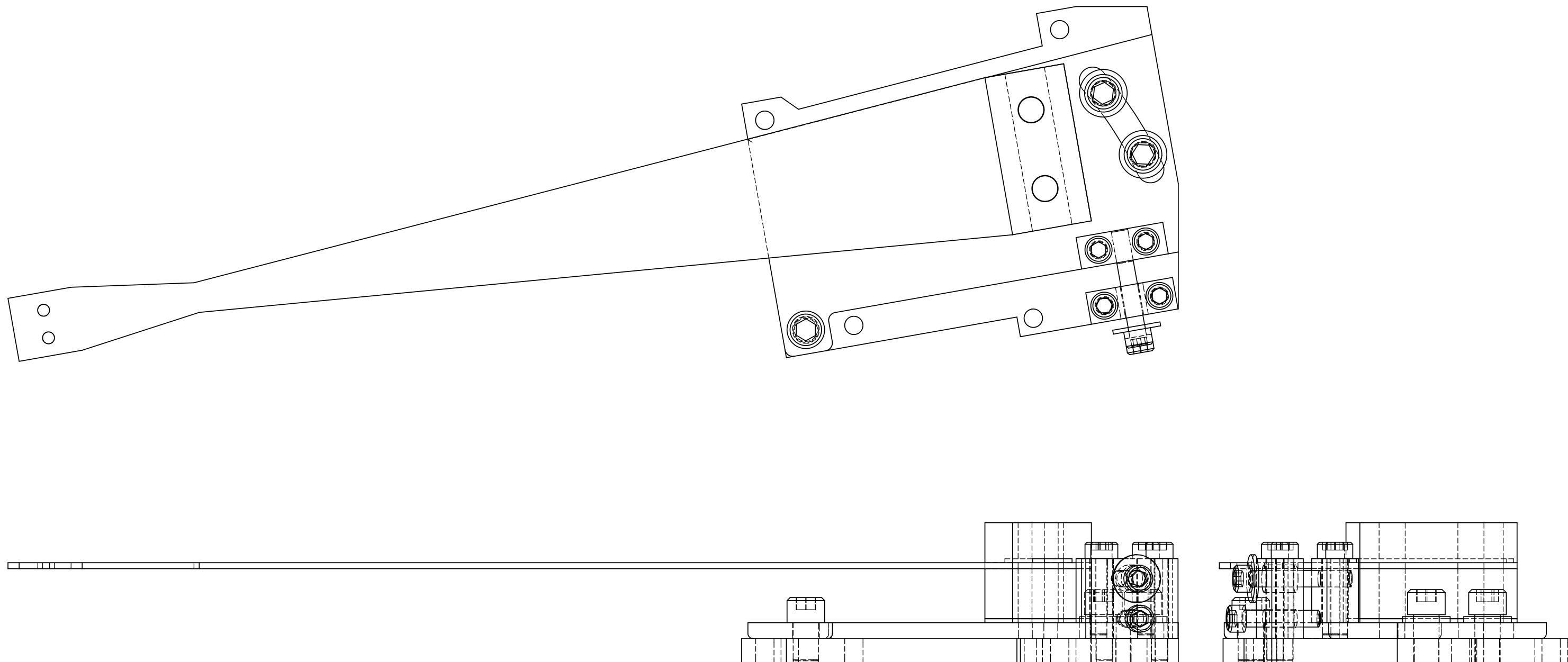
C

B

B

A

A



NOTES: (UNLESS OTHERWISE SPECIFIED)		PARTS LIST	
1. REMOVE ALL SHARP EDGES, R.02 MIN. 2. DO NOT SCALE FROM DRAWING. 3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL) ④ SCRIBE, ENGRAVE OR STAMP DRAWING PARTNUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. EXAMPLE: D020188- 001. A VIBRATORY TOOL MAY BE USED.		DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± 0.01 .XXX ± 0.005 ANGULAR ± 0.5 ° MATERIAL -- FINISH N/A	
CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		SYSTEM ADVANCED LIGO SUB-SYSTEM SUS NEXT ASSY Upper Blade	
DRAWN MPL (IGR) DATE 04SEP03 CHECKED APPROVED		PART NAME Rotational Adjuster Assembly SIZE DWG. NO. B D030451 SCALE: 1:1 PROJECTION: SHEET 2 OF 2	

7

6

5

4

3

2

1