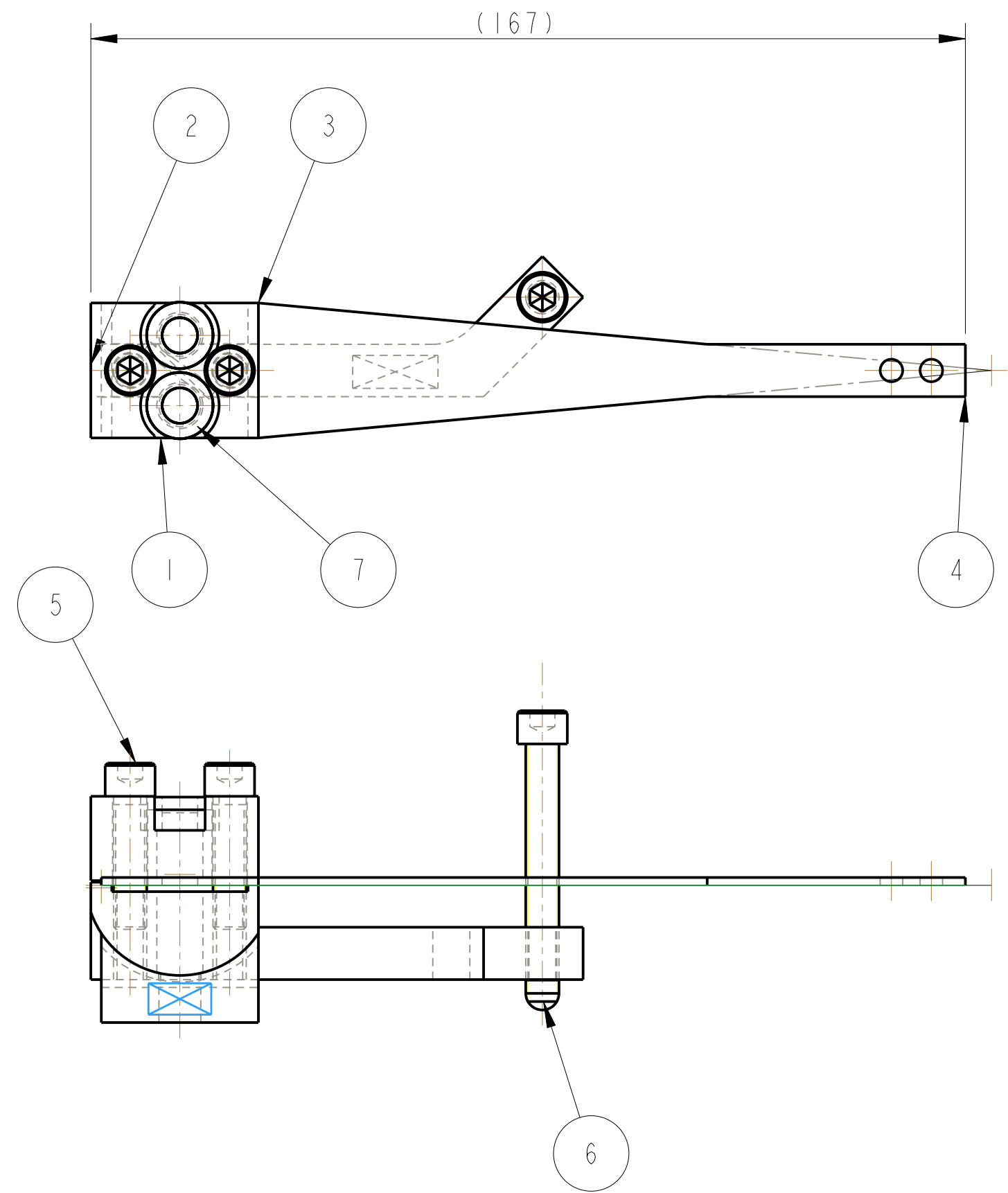


| REV. | DATE | DCN # | DRAWING TREE # |
|------|------|-------|----------------|
| | | | |



| ITEM | QTY | SPARE | TOTAL | PART NUMBER | DESCRIPTION | MATERIALS |
|------------|-----|-------|-------|--------------|---|---------------------------|
| 1 | 1 | | | D070419 | BLADE CLAMP BOTTON JAW; BS TOP MASS | AL ALLOY: 5083 |
| 2 | 1 | | | D070420 | BLADE CLAMP TOP JAW; BS TOP MASS | AL ALLOY: 5083 OR SIMILAR |
| 3 | 1 | | | D070421 | BLADE TIP HEIGHT ADJ#2; BS TOP MASS | AL ALLOY: 5083 OR SIMILAR |
| 4 | 1 | | | D070417_FLAT | BOTTOM BLADE SPRINGS; BS TOP MASS | MARAGING STEEL 250: ----- |
| 5 | 2 | | | | 1/4" 20 UNC X 1" CAP HEAD; . | |
| 6 | 1 | | | | 1/4" 20 UNC X 2" CAP HEAD, SPHERICAL TIP; . | |
| 7 | 2 | | | | 1/4 SPHERICAL WASHER; . | |
| PARTS LIST | | | | | | |

NOTES: (UNLESS OTHERWISE SPECIFIED)

- REMOVE ALL SHARP EDGES, R.02 MIN.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL)
- 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 mm [INCHES]
TOLERANCES:
X.XX ± mm °
ANGULAR ± °

MATERIAL: -----

FINISH: CLEAN, GREASE FREE
√μm [μin] Ra = 1.6

| | | |
|----------|---------|-----------|
| DRAWN | NJS/FEL | 17/12/07 |
| CHECKED | J'OD | 17/DEC/07 |
| APPROVED | IW | 17/DEC/07 |

CALIFORNIA INSTITUTE OF TECHNOLOGY
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1GR, GLASGOW UNIVERSITY GEO 600 GROUP
RUTHERFORD APPLETON LABORATORIES

100

SYSTEM **ADVANCED LIGO**

SUB-SYSTEM **SUS**

NEXT ASSY

PART NAME **BLADE CLAMP ASSY #2
BS TOP MASS**

SIZE **B** DRG. NO. **D080043** REV **E.**

SCALE 1:1 PROJECTION: SHEET 1 OF 1