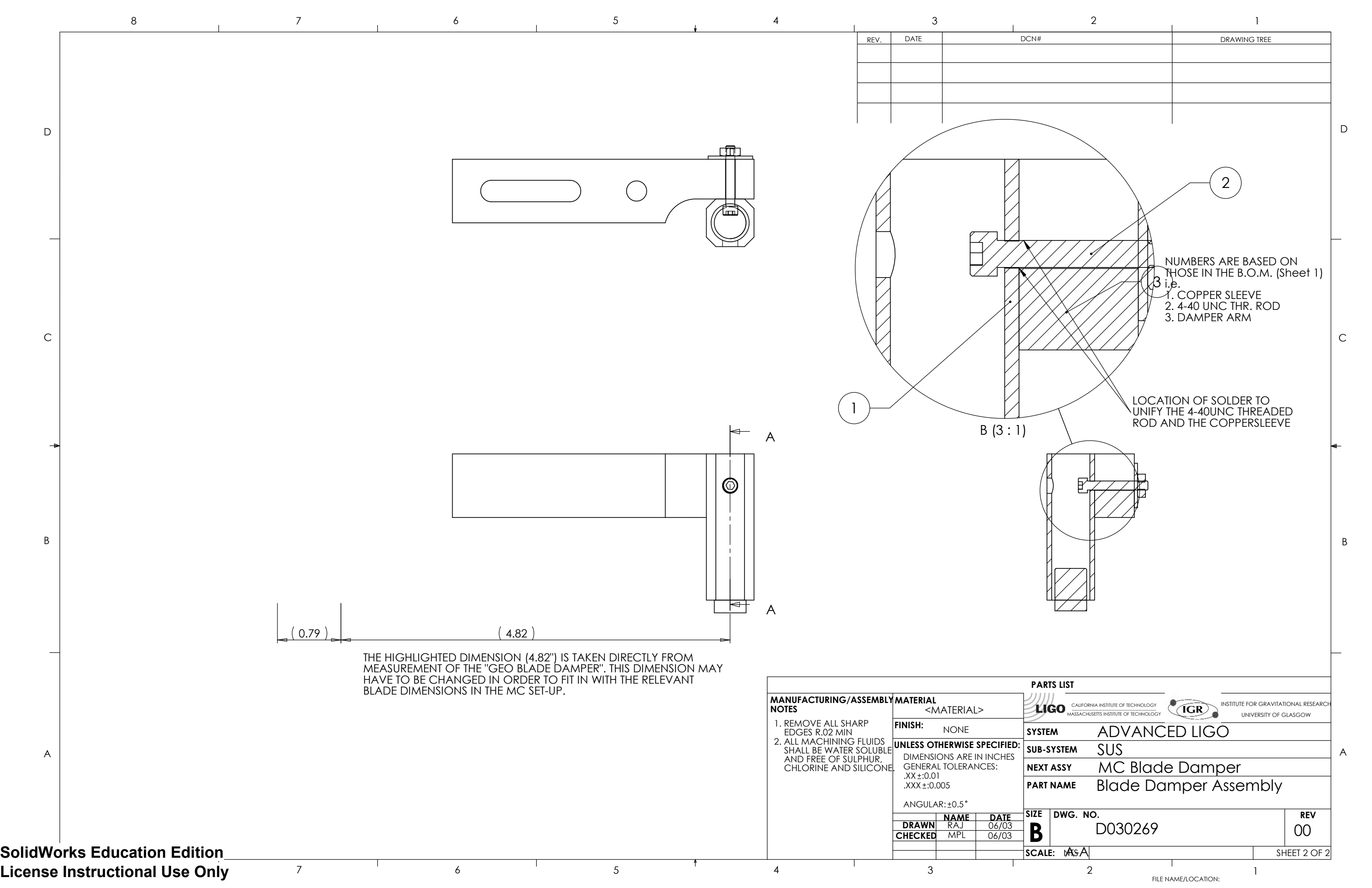






| REV. | DATE | DCN# | DRAWING TREE |
|------|------|------|--------------|
|      |      |      |              |
|      |      |      |              |
|      |      |      |              |
|      |      |      |              |

NUMBERS ARE BASED ON THOSE IN THE B.O.M. (Sheet 1)  
i.e.  
1. COPPER SLEEVE  
2. 4-40 UNC THR. ROD  
3. DAMPER ARM

LOCATION OF SOLDER TO UNIFY THE 4-40UNC THREADED ROD AND THE COPPERSLEEVE

THE HIGHLIGHTED DIMENSION (4.82") IS TAKEN DIRECTLY FROM MEASUREMENT OF THE "GEO BLADE DAMPER". THIS DIMENSION MAY HAVE TO BE CHANGED IN ORDER TO FIT IN WITH THE RELEVANT BLADE DIMENSIONS IN THE MC SET-UP.

**MANUFACTURING/ASSEMBLY NOTES**

- 1. REMOVE ALL SHARP EDGES R.02 MIN
- 2. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULPHUR, CHLORINE AND SILICONE.

**MATERIAL**

<MATERIAL>

**FINISH:** NONE

**UNLESS OTHERWISE SPECIFIED:**

DIMENSIONS ARE IN INCHES

GENERAL TOLERANCES:

.XX ±:0.01

.XXX ±:0.005

ANGULAR: ±0.5°

|                |      |       |
|----------------|------|-------|
|                | NAME | DATE  |
| <b>DRAWN</b>   | RAJ  | 06/03 |
| <b>CHECKED</b> | MPL  | 06/03 |
|                |      |       |

**PARTS LIST**



CALIFORNIA INSTITUTE OF TECHNOLOGY  
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INSTITUTE FOR GRAVITATIONAL RESEARCH  
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|                   |                       |              |  |
|-------------------|-----------------------|--------------|--|
| <b>SYSTEM</b>     | ADVANCED LIGO         |              |  |
| <b>SUB-SYSTEM</b> | SUS                   |              |  |
| <b>NEXT ASSY</b>  | MC Blade Damper       |              |  |
| <b>PART NAME</b>  | Blade Damper Assembly |              |  |
| <b>SIZE</b>       | <b>DWG. NO.</b>       | <b>REV</b>   |  |
| <b>B</b>          | D030269               | 00           |  |
| <b>SCALE:</b> 1:1 |                       | SHEET 2 OF 2 |  |