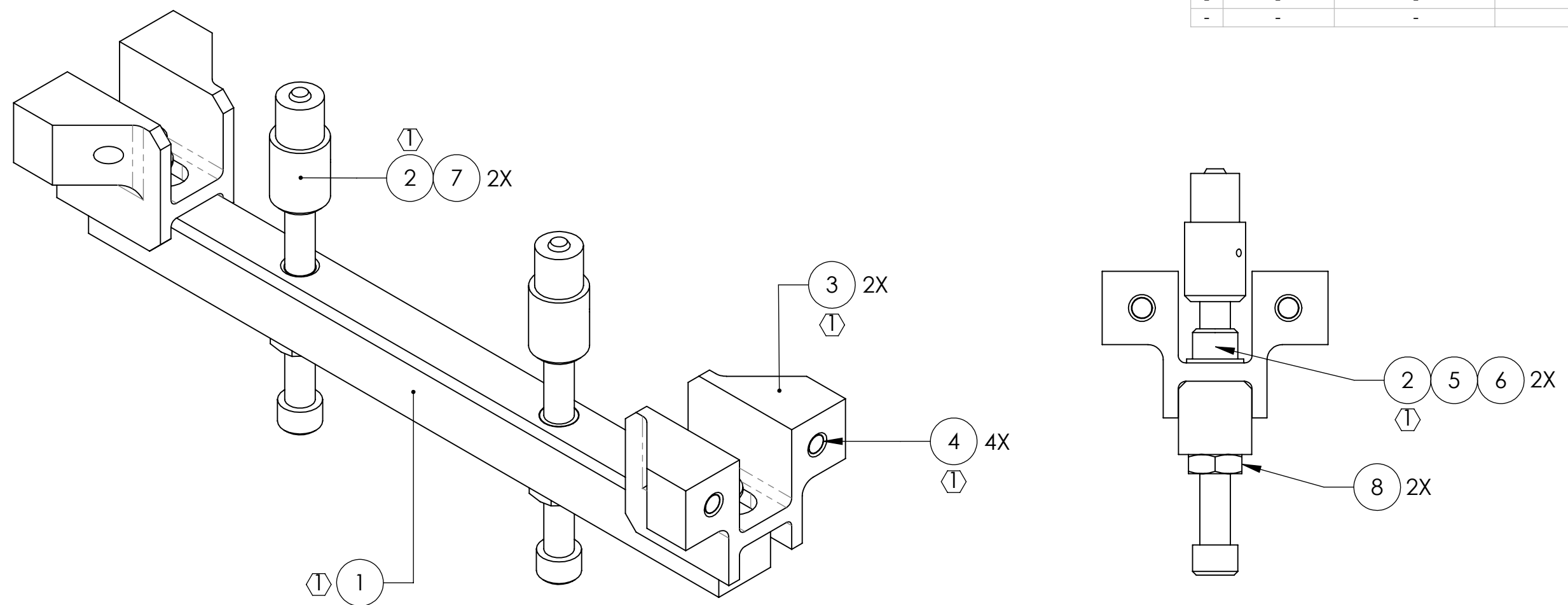


D1102071_Advanced_LIGO_SUS_HLTS_Earthquake_Stop_Assembly_Bridge_Upper_PART PDM REV: V2-000, DRAWING PDM REV:

| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1 | 24 OCT 2011 | E1101053 | E080191 |
| - | - | - | - |
| - | - | - | - |



| ITEM NO. | PART NUMBER | DESCRIPTION | MATERIAL | REQ | SPARE | TOTAL |
|----------|-------------|---|-------------|-----|-------|-------|
| 8 | - | JAM NUT, 1/4-20 | 300 SSTL | 2 | 1 | 3 |
| 7 | D080725 | EARTHQUAKE STOP FOR METAL OR GLASS | N/A | 2 | 0 | 2 |
| 6 | - | WASHER, FLAT, VENTED, 1/4 (U-C COMPONENTS P/N WFV-25 OR EQUIVALENT) | 300 SSTL | 2 | 1 | 3 |
| 5 | - | SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 0.75 LONG | 300 SSTL | 2 | 1 | 3 |
| 4 | 1185-2EN410 | HELICOIL, #8-32 X 0.41 LONG (T) | NITRONIC 60 | 4 | 2 | 6 |
| 3 | D1102072 | EARTHQUAKE STOP MOUNT, BRIDGE, UPPER (T) | 6061-T6 Al | 2 | 0 | 2 |
| 2 | 1185-4EN500 | HELICOIL, 1/4-20 X 0.5 LONG (T) | NITRONIC 60 | 4 | 2 | 6 |
| 1 | D070321 | EARTHQUAKE STOP BRIDGE CROSSBAR (T) | 6061-T6 Al | 1 | 0 | 1 |

PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

(T) HELICOILS TO BE INSTALLED INTO ITEM NO. 1 AND ITEM NO. 3 BY LIGO PRIOR TO ASSEMBLY AND AFTER ALL PARTS ARE CLEANED AND BAKED.
 2. PARTS TO BE ASSEMBLED ACCORDING TO E080208 HLTS ASSEMBLY SPECIFICATION.

MATERIAL: N/A
 FINISH: N/A μinch

| | | | |
|---|--------------------------|---|------------------------------------|
| CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | PART NAME EARTHQUAKE STOP ASSY, BRIDGE, UPPER | |
| SYSTEM ADVANCED LIGO | SUB-SYSTEM SUS | DESIGNER D. BRIDGES | DATE 26 OCT 2011 |
| NEXT ASSY HLTS OVERALL ASSY | CHECKER B. MOORE | DATE 27 OCT 2011 | SIZE DWG. NO. B D1102071 |
| | | SCALE: 1:1 | PROJECTION: |
| | | SHEET 1 OF 1 | REV. v1 |

8 7 6 5 4 3 2 1