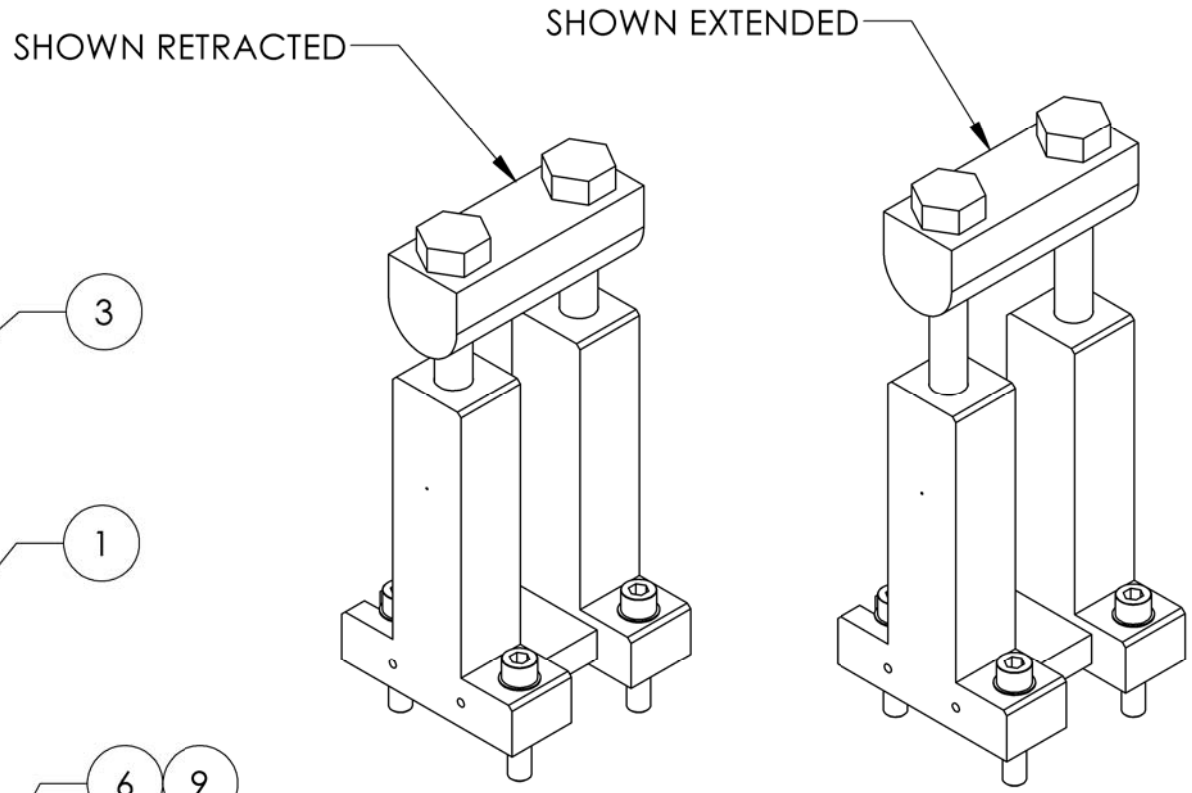
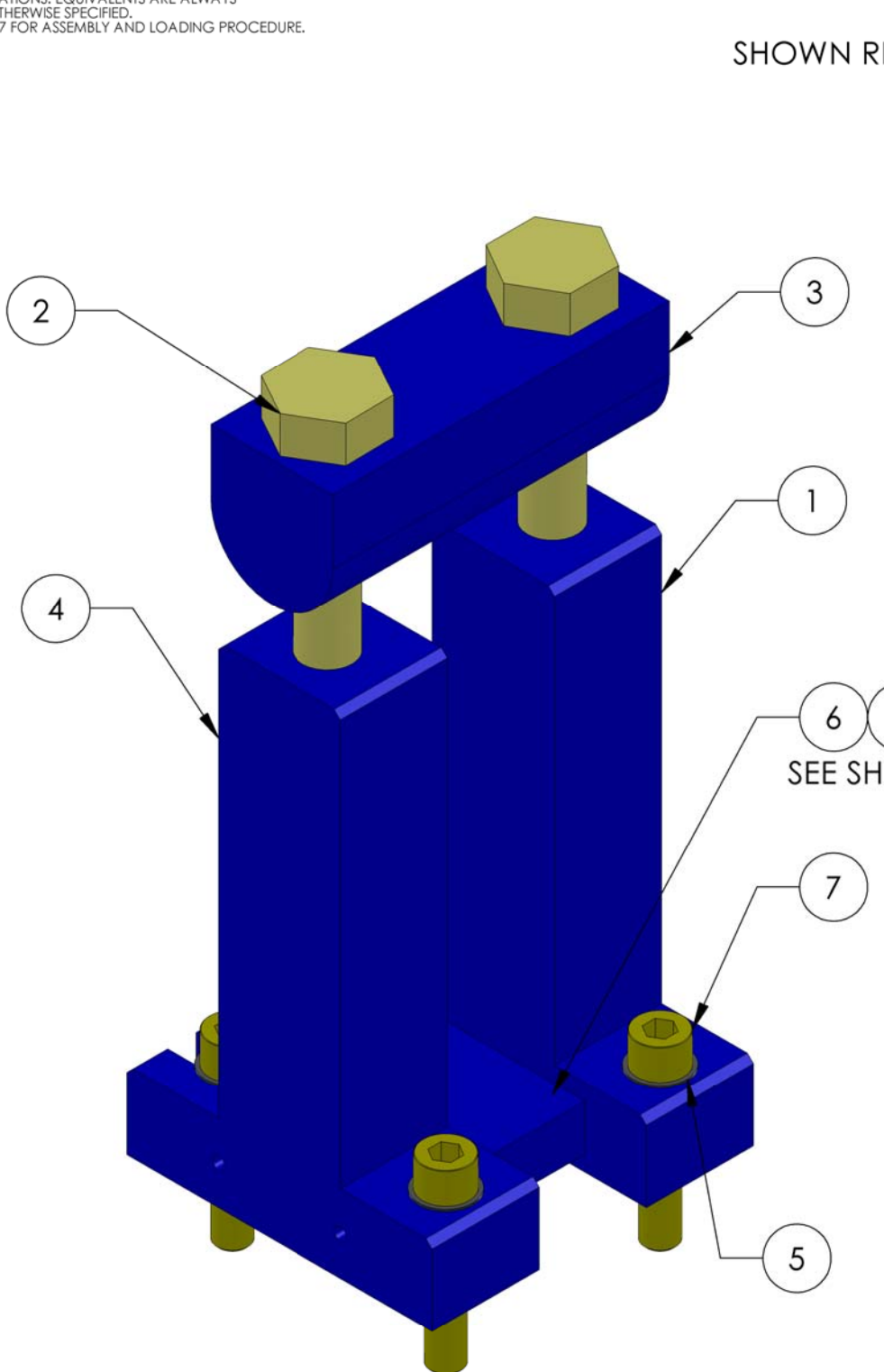


NOTES CONTINUED:
 5. VENDOR REFERENCES ARE PROVIDED AS EXAMPLES OF PARTS MEETING ALL REQUIRED SPECIFICATIONS. EQUIVALENTS ARE ALWAYS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.
 6. REFER TO LIGO E0900357 FOR ASSEMBLY AND LOADING PROCEDURE.

REV.	DATE	DCN #	DRAWING TREE #
v1	26 Feb. 2010	E1000022	E1000025
v2	22 June 2010	E1000226	E1000025



6 9
SEE SHEET 2

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	Low position/QTY.
9	McMaster_90145A539	Dowel Pin 1/4" (.2501) x 5/8" L 18.8 SST	18-8 Stainless	4
8	McMASTER_92196A556	SCREW SHCS, 1/4"-20 x 3.50L THD LG 1"-3"	18-8 SSTL	2
7	MCMMASTER_92196A722	SHCS, 1/2"-13x2.5"	18-8 SSTL	4
6	D0902131	Center Part for BSC-ISI Stage 0-1 Safety Mechanism	6061-T6 Al	1
5	UC_COMPONENTS_WFV-50	Vented Washer, .515 ID X .87 OD X .032 THK #1/2"	18-8 SS	4
4	D0902130	Left Post for BSC-ISI Stage 0-1 Safety Mechanism	6061-T6 Al	1
3	D0902117	Cap for BSC-ISI Stage 0-1 Safety Mechanism	6061-T6 Al	1
2	D0902118	Special Screw for BSC-ISI Stage 0-1 Safety Mechanism	410 SST	2
1	D0902119	Right Post for BSC-ISI Stage 0-1 Safety Mechanism	6061-T6 Al	1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)
 1. INTERPRET DRAWING PER ASME Y14.5-1994.
 2. REMOVE ALL SHARP EDGES, R.02 MIN.
 3. DO NOT SCALE FROM DRAWING.
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

DIMENSIONS ARE IN INCHES
 TOLERANCES:
 .XX ± .015
 .XXX ± .005
 ANGULAR ± 0.5°

MATERIAL N/A FINISH N/A μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PART NAME: Stage 0-1 Blade Spring Safety Restraint.

DESIGNER	F.MATICHARD	01 Feb. 2010	SIZE	DWG. NO.	REV.
DRAFTER	M.HILLARD	01 Feb. 2010	B	D0901872	v2
CHECKER	A.STEIN	01 Feb. 2010			
APPROVAL	K.MASON	01 Feb 2010			

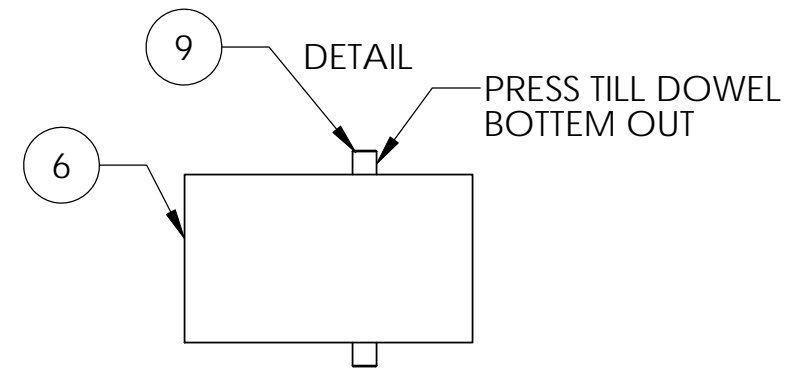
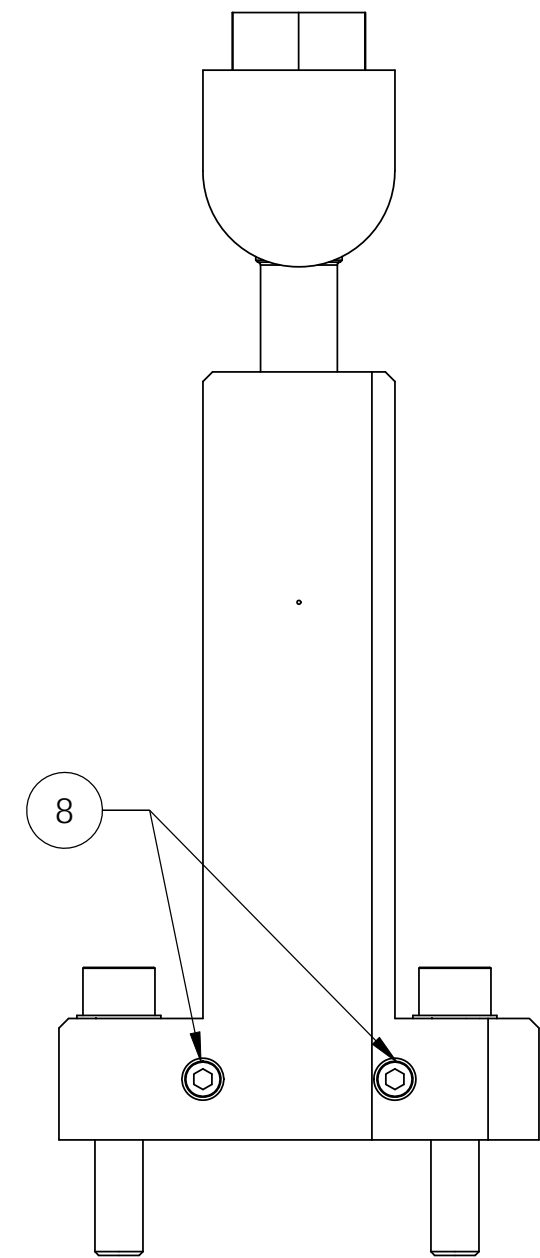
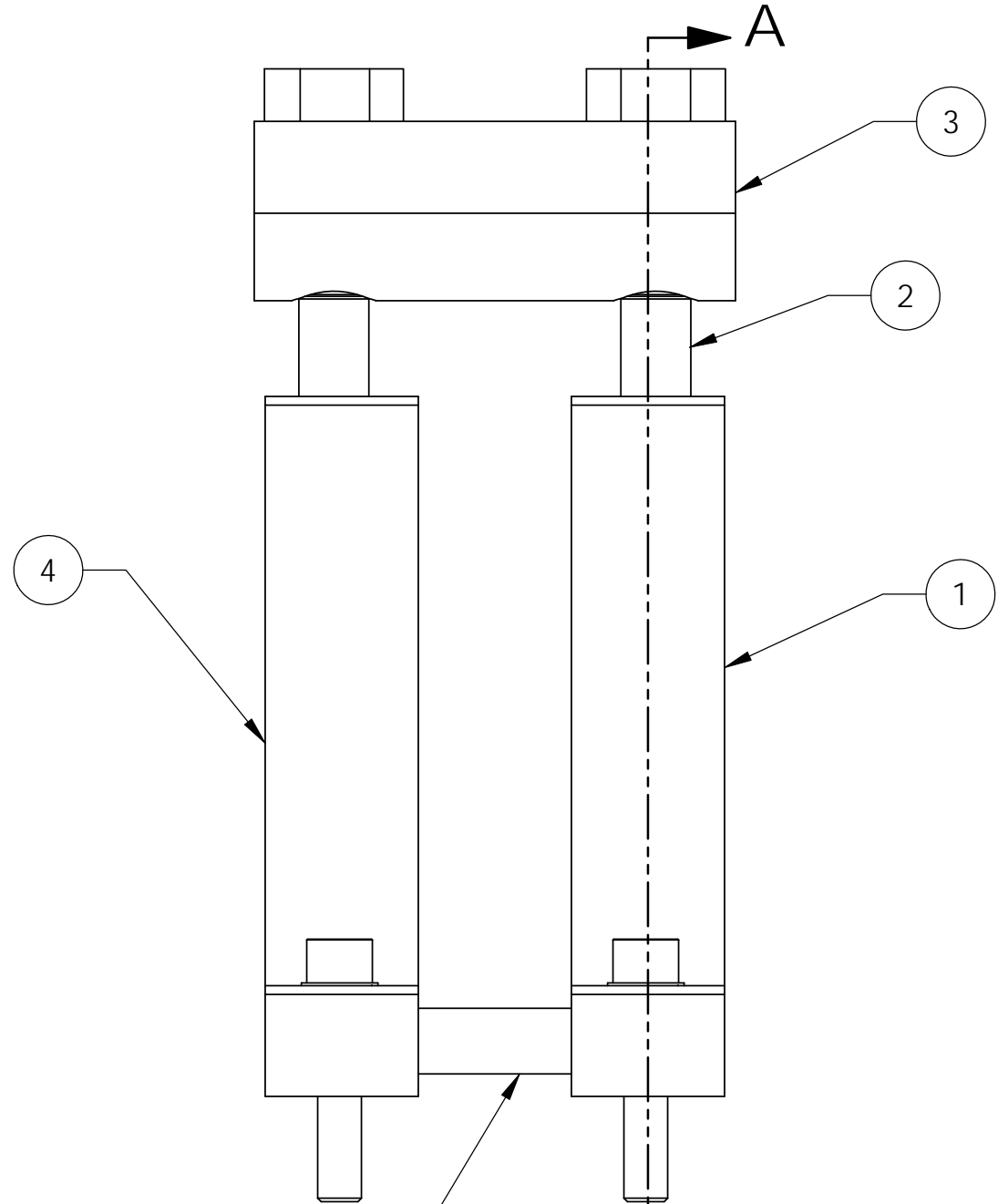
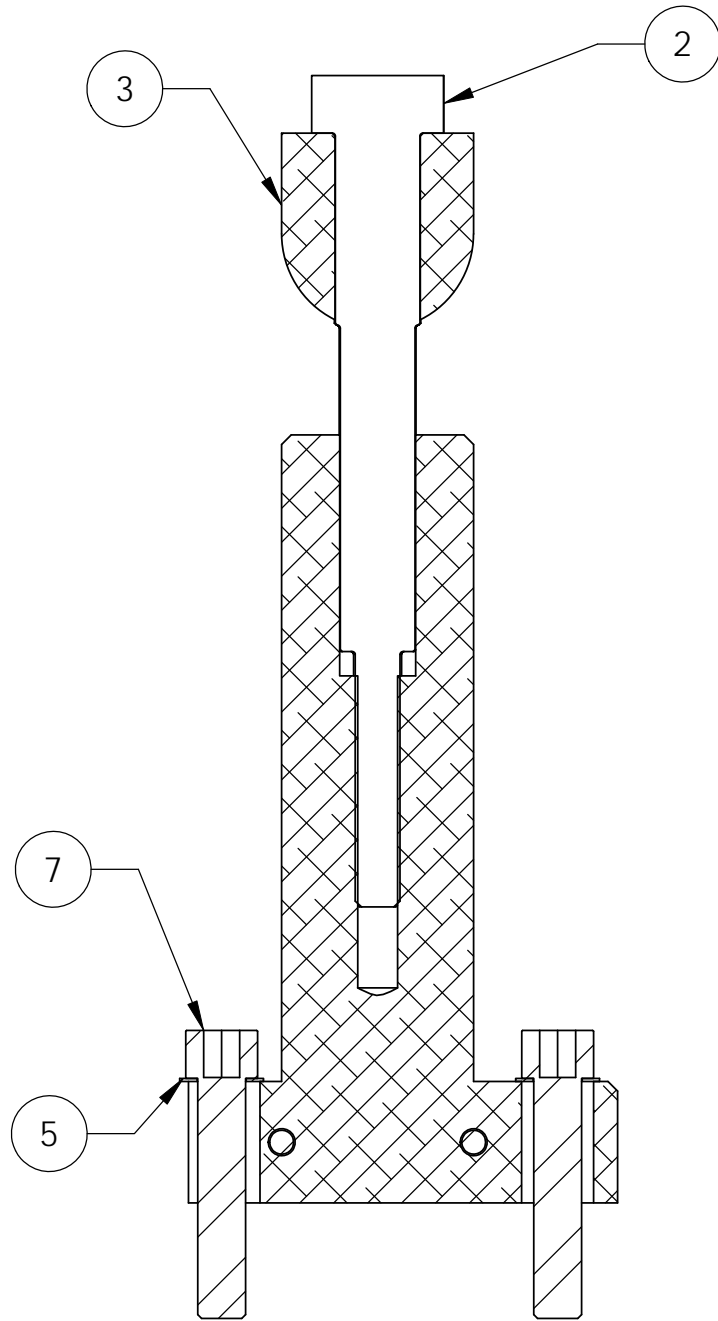
SCALE: 1:2 PROJECTION: SHEET 1 OF 2

D0901872 Stage0-1 Blade Spring Safety Restraint, PART PDM REV: X-041, DRAWING PDM REV: X-008



D0901872 Stage0-1 Blade Spring Safety Restraint, PART PDM REV: X-041, DRAWING PDM REV: X-008

8 7 6 5 4 3 2 1

SECTION A-A



9 6
SEE DETAIL

 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE B	DWG. NO. D0901872
SCALE: 1:2	PROJECTION:  SHEET 2 OF 2
REV. v2	

8 7 6 5 4 3 2 1

D
C
B
A

D
C
B
A