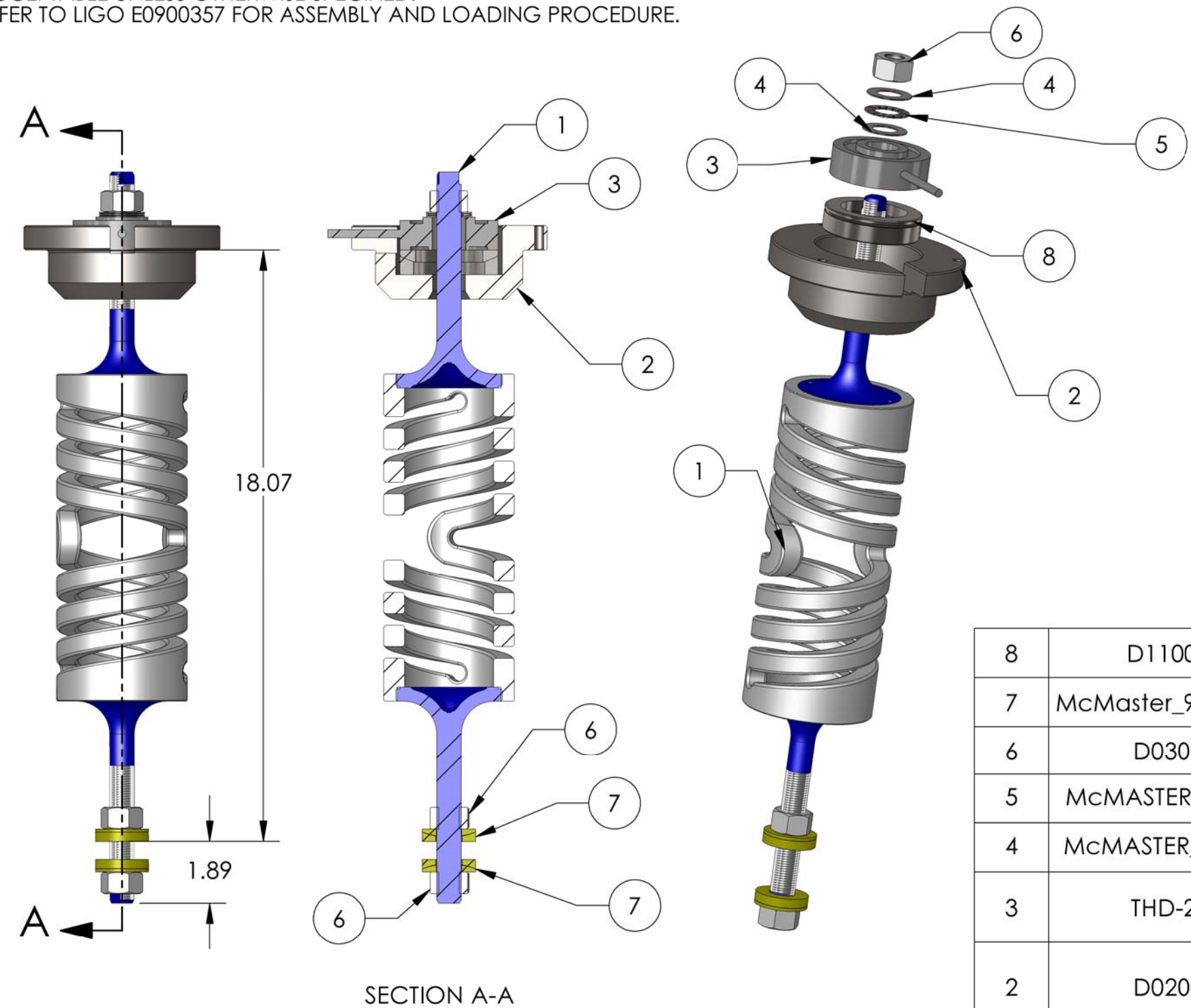


REV.	DATE	DCN #	DRAWING TREE #
v1	11 Feb. 2011	E1100015	E1100016

NOTES CONTINUED:

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



8	D1100254	HEPI SPHERICAL WASHER SET, αLIGO HAM	ALLOY STEEL	1
7	McMaster_91944A490	SPHERICAL WASHER SET	18-8 S.ST.	2
6	D030786	EPI Boot Nut	AISI 4140 Steel	3
5	McMASTER_5909K15	THRUST NEEDLE ROLLER BEARING	Alloy Steel	1
4	McMASTER_5909A75	THRUST BEARING WASHER	Alloy Steel	2
3	THD-2K-Y	STRAIN GAGE LOAD CELL	S.ST	1
2	D020002	HEPI Offload Spring Cap	AISI 1020 Steel, Cold Rolled	1
1	D020408-01	DOUBLE START COUNTERWOUND SPRING ASM, αLIGO HAM	SEE PRINT BOM	1
ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

- INTERPRET DRAWING PER ASME Y14.5-1994.
- REMOVE ALL SHARP EDGES, .03 x 45°.
- DO NOT SCALE FROM DRAWING.

DIMENSIONS ARE IN INCHES
 TOLERANCES:
 .XX ± .015
 .XXX ± N/A
 ANGULAR ± N/A*

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PART NAME
 HEPI SPRING ASSEMBLY, HAM, αLIGO SEI

SYSTEM	SUB-SYSTEM	DESIGNER	DATE	SIZE	DWG. NO.	REV.
ADVANCED LIGO	SEI	A.STEIN	10 Sep1. 2008	B	D1003359	v1
CHECKER	K.MASON	11 Feb. 2011				
APPROVAL	K.MASON	11 Feb. 2011				

MATERIAL N/A **FINISH** N/A μinch **NEXT ASSY** D1100144, D1100146 **SCALE:** 1:4 **PROJECTION:** 1st Angle **SHEET 1 OF 1**

D1003359 HEPI SPRING ASSEMBLY, HAM, αLIGO SEI, PART PDM REV: X-003, DRAWING PDM REV: X-002