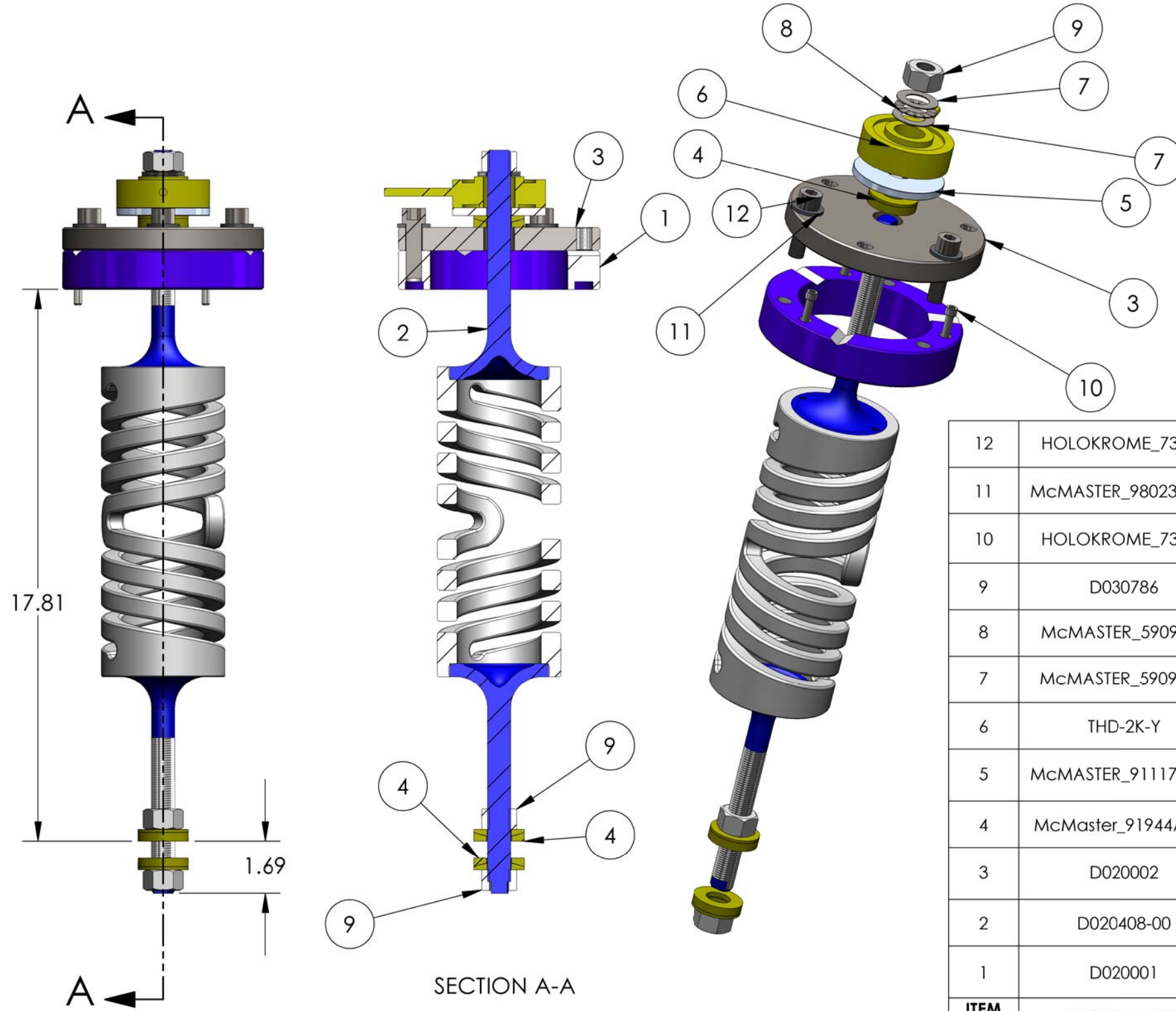


NOTES CONTINUED:

- 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.

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



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ
12	HOLOKROME_73136	SCREW, 1/2-20 X 1.75 LG, SHCS	Alloy Steel	3
11	McMASTER_98023A033	FLAT WASHER, .531 ID X 1.063 OD.	AISI 304	3
10	HOLOKROME_73068	SCREW, 1/4-28 X 1.5 LG. SHCS	Plain Carbon Steel	3
9	D030786	EPI Boot Nut	AISI 4140 Steel	3
8	McMASTER_5909K15	THRUST NEEDLE ROLLER BEARING	Alloy Steel	1
7	McMASTER_5909A75	THRUST BEARING WASHER	Alloy Steel	2
6	THD-2K-Y	STRAIN GAGE LOAD CELL	300 SSSL	1
5	McMASTER_91117A240	WASHER, .78 ID X 3"OD X .25 THK	Material <not specified>	1
4	McMaster_91944A490	SPHERICAL WASHER SET	18-8 S.S.T.	3
3	D020002	HEPI Offload Spring Cap	AISI 1020 Steel, Cold Rolled	1
2	D020408-00	DOUBLE START COUNTERWOUND SPRING ASM, aLIGO BSC	SEE PRINT BOM	1
1	D020001	SPRING ADJUSTMENT PLATE, PRE-ISOLATOR	GRADE 01 OIL-HARDEN STEEL	1

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, aLIGO BSC

DESIGNER	A.STEIN	10 Sep1. 2008	SIZE	DWG. NO.	REV.
DRAFTER	M.HILLARD	11 Feb. 2011	B	D030320	v3
CHECKER	K.MASON	11 Feb. 2011	SCALE:	1:4	PROJECTION:
APPROVAL	K.MASON	11 Feb. 2011	SHEET	1 OF 1	

SYSTEM ADVANCED LIGO **SUB-SYSTEM** SEI

MATERIAL N/A **FINISH** N/A μinch

NEXT ASSY

D030320 HEPI SPRING ASSEMBLY, aLIGO BSC, PART PDM REV: X-005, DRAWING PDM REV: X-000