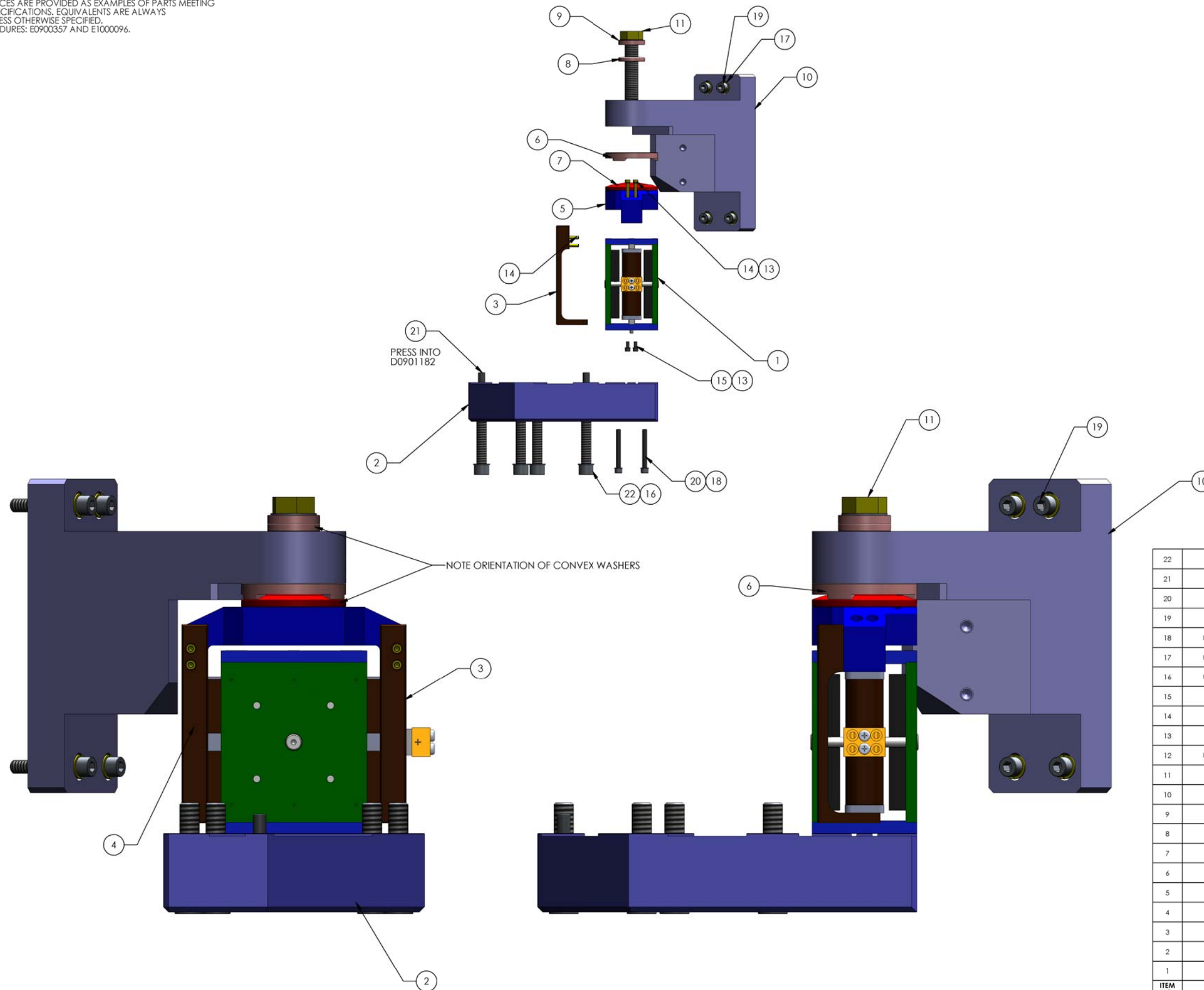


NOTES CONTINUED:  
 5. VENDOR REFERENCES ARE PROVIDED AS EXAMPLES OF PARTS MEETING ALL REQUIRED SPECIFICATIONS. EQUIVALENTS ARE ALWAYS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.  
 6. ASSEMBLY PROCEDURES: E0900357 AND E1000096.

REV.	DATE	DCN #	DRAWING TREE #
v1	19 Mar. 2010	E1000049	E1000025



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ
22	HOLOKROME_78104	SHCS, 3/8"-16x1.75"	18-8 SS	5
21	McMaster_90145A539	Dowel Pin 1/4" (.2501) x 5/8" L 18.8 SST	18-8 Stainless	2
20	UCC_C-824-NA	SHCS, 8-32 X 1.50 LG. AG PLATED	18-8 SS	4
19	HOLOKROME_78066	SHCS, 1/4"-20x1.5"	18-8 SS	4
18	UC_COMPONENTS_WFV-08	Washer Vented, .17 ID X .304 OD X .032 THK #8	18-8 SS	4
17	UC_COMPONENTS_WFV-25	Vented Washer, .255 ID X .468 OD X .032 THK #1/4	18-8 SSTL	4
16	UC_COMPONENTS_WFV-38	Washer Vented, .39 ID X .62 OD X .032 THK #3/8"	18-8 SS	5
15	MCMaster_92196A106	SHCS, #4-40x.25"	AlSI 304	4
14	MCMaster_92196A113	SCREW, SHCS 4-40 X .75 LG.	18-8 SSTL	8
13	UCC WFV-04	Flat Washer, #4, .115 Id x .209 od x .016 thk	18-8 SSTL	8
12	UC_COMPONENTS_WFV-50	Vented Washer, .515 ID X .87 OD X .032 THK #1/2"	18-8 SS	1
11	McMaster_92240A722	SCREW HEX HEAD, 1/2-13 X 2.5 FULL THD	18-8 SSTL	1
10	D0902236	SMALL ACTUATOR VERTICAL BRACKET, aLIGO BSC ISI	6061-T6 Al	1
9	D0902157	SPHERICAL WASHER, 1 IN. OD CONCAVE, aLIGO BSC ISI	304 SSTL	1
8	D1000679	SPHERICAL WASHER, 1 IN. OD CONVEX, aLIGO BSC ISI	304 SSTL	1
7	D1000678	SPHERICAL WASHER, 2 IN. OD CONVEX, aLIGO BSC ISI	304 SSTL	1
6	D0902156	SPHERICAL WASHER, 2 IN. OD CONCAVE, aLIGO BSC ISI	304 SSTL	1
5	D0902155	SMALL ACTUATOR BOBBIN COIL BRACKET, aLIGO BSC ISI	6061-T6 Al	1
4	D0902153	SMALL ACTUATOR THERMAL BAR RIGHT, aLIGO BSC ISI	COPPER	1
3	D0902154	SMALL ACTUATOR THERMAL BAR LEFT, aLIGO BSC ISI	COPPER	1
2	D0902161	SMALL VERTICAL ACTUATOR MAGNET MOUNT, aLIGO BSC ISI	6061-T6 Al	1
1	D1000584	SMALL ACTUATOR, aLIGO BSC-ISI	N/A	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 ± N/A .XXX ± N/A	
ANGULAR ± N/A*	
MATERIAL	N/A
FINISH	N/A μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME <b>STAGE 1-2 VERTICAL ACTUATOR ASSY, aLIGO BSC ISI</b>	
SYSTEM	ADVANCED LIGO	SUB-SYSTEM	SEI
NEXT ASSY	D1000642	DESIGNER	S.BARNUM 19 Mar. 2010
		DRAFTER	M.HILLARD 19 Mar. 2010
		CHECKER	F.MATICHARD 19 Mar. 2010
		APPROVAL	K.MASON 19 Mar. 2010
SIZE	D	DWG. NO.	D0902531
REV.	v1	SCALE:	1:2
		PROJECTION:	
		SHEET 1 OF 1	

D0902531 Stage1-2 Vertical Actuator Assm. PART PDM REV: X037, DRAWING PDM REV: X001