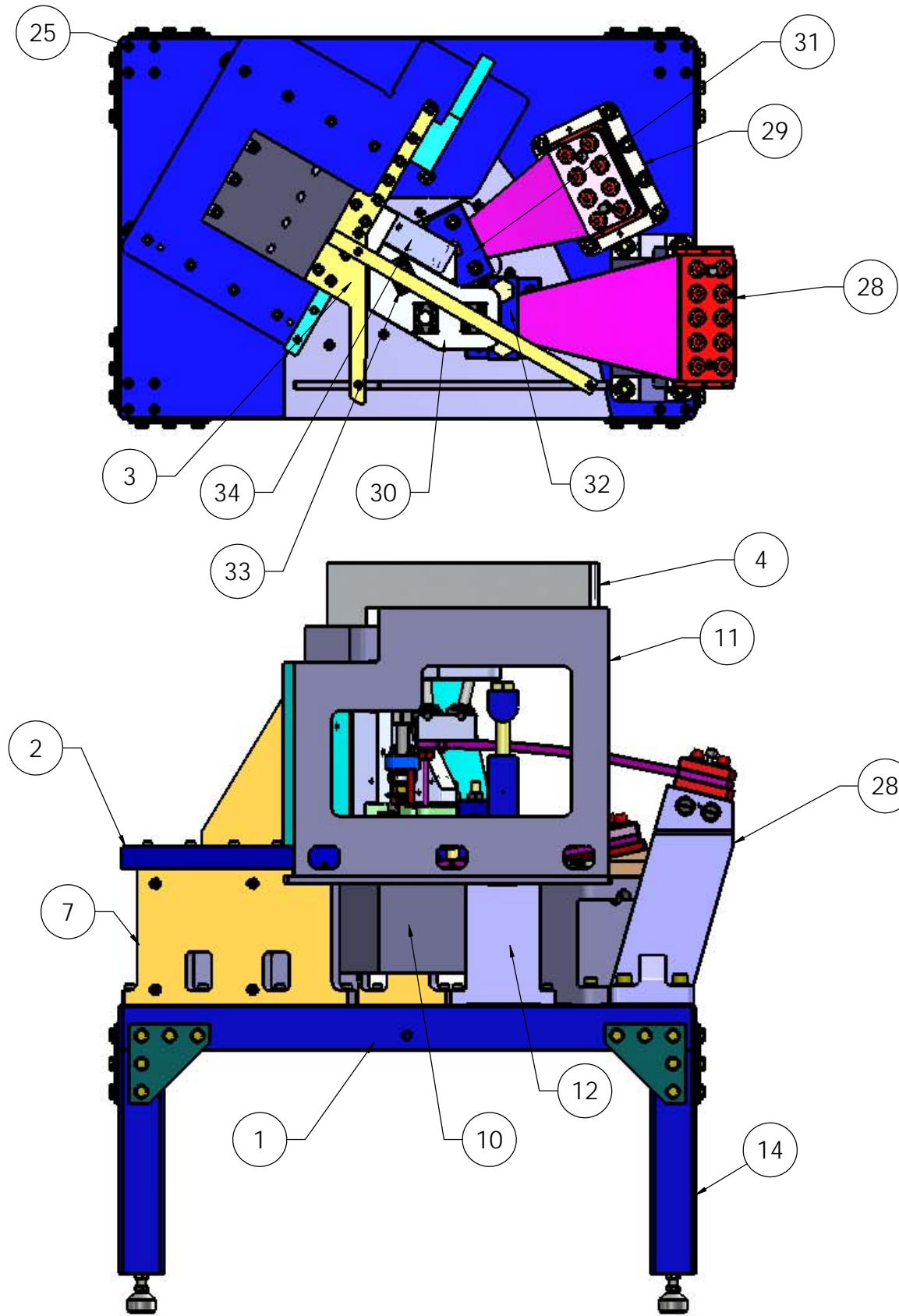


NOTES CONTINUED:
 5. VENDOR REFERENCES ARE PROVIDED AS EXAMPLES OF PARTS MEETING ALL REQUIRED SPECIFICATIONS. EQUIVALENTS ARE ALWAYS ACCEPTABLE UNLESS OTHERWISE SPECIFIED.
 6. REFER TO LIGO E0900357 FOR ASSEMBLY AND LOADING PROCEDURE.

REV.	DATE	DCN #	DRAWING TREE #
v1	25 May 2010	E1000195	-
v2	16 Sept. 2010	E1000422	-



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	with bsc isi components suppressed/Qty.
34	D0902425	FLEXURE ROD BRACKET ASSY, STAGE 1, aLIGO BSC ISI	N/A	1	-
33	D0902454	PULLER BLADE ASSEMBLY, STAGE 1-2, aLIGO BSC ISI	N/A	1	-
32	D0901872	Stage 0-1 Blade Spring Safety Restraint.	N/A	1	-
31	D0902164	Stage 1-2 Blade Safety Restraint	N/A	1	-
30	D0902464	Stage0-1 Blade Pusher, aLIGO BSC-ISI Blades Loading Tooling	N/A	1	-
29	D0902485	Stage1-2 Blade Spring Flexure Assem	N/A	1	-
28	D0901197	BSC ST 0-1 SPRING POST AND FLEXURE ASSY	N/A	1	-
27	HOLOKROME_78106	SHCS 3/8"-16x2"	18-8 SS	8	8
26	HOLOKROME_78102	SHCS, 3/8"-16x1.5"	18-8 SS	40	40
25	HOLOKROME_78108	SHCS, 3/8"-16x2.5"	18-8 SS	14	14
24	MCMaster_98017A210	Flat Washer, 1/2" Screw, .51"x.88"x.06"	AISI 304	4	4
23	McMaster_92196A721	Screw 1/2-13 x 2.25 lg. SHCS	18-8 SSSL	4	4
22	MCMaster_92196A551	SHCS 1/4-20 x 2.25 lg 1" thd to fully thd	AISI 304	1	1
21	HOLOKROME_78062	SHCS, 1/4"-20x1.0"	18-8 SS	5	5
20	McMASTER_90945A761	WASHER .26 ID X .47 OD X .06-.07 THK (NAS 620-C416)	300 SSSL	6	6
19	MCMaster_98017A199	Flat Washer, 3/8"	18-8 SS	62	62
18	HOLOKROME_78100	SHCS, 3/8"-16x1.25"	18-8 SS	14	14
17	McMaster_92196A584	Screw, SHCS, 5/16-18 x 1 1/8 lg.	18-8 SSSL	5	5
16	MCMaster_90145A624	Dowel Pin, 3/8"x1.0"	18-8 SS	10	10
15	MCMaster_90145A714	Dowel Pin, 1/2"x1.25"	18-8 SS	2	2
14	D1001364	TEST-BENCH LEG	N/A	4	4
13	D1001362	TEST-BENCH STAGE 1 SUPPORT STABILIZER	6061-T6 Al	2	2
12	D1001361	TEST-BENCH SUPPORT FOR SAFETY RESTRAINT	6061-T6 Al	1	1
11	D1001360	TEST-BENCH STAGE 2 ENVELOPE WALL	6061-T6 Al	1	1
10	D1001359	TEST-BENCH POCKET STAGE 2 OPTICS TABLE	6061-T6 Al	1	1
9	D1001358	TEST-BENCH SKIN STAGE 2 TOP OF OPTICS TABLE	6061-T6 Al	1	1
8	D1001357	TEST-BENCH STAGE 1 WALL SUPPORT	6061-T6 Al	1	1
7	D1001356	TEST-BENCH STAGE 1 SUPPORT	6061-T6 Al	2	2
6	D1001355	TEST-BENCH STAGE 1-2 BLADE SPRING SUPPORT	6061-T6 Al	1	1
5	D0902274	FLEXURE WALL, STAGE 1, aLIGO BSC ISI	6061-T6 Al	1	1
4	D1001354	TEST-BENCH STAGE 2 TOP PLATE	6061-T6 Al	1	1
3	D1001353	TEST-BENCH STAGE 1 CLOSEOUT PLATE	6061-T6 Al	1	1
2	D1001352	TEST-BENCH STAGE 1 BASE PLATE	6061-T6 Al	1	1
1	D1001351	TEST-BENCH STAGE 0	6061-T6 Al	1	1

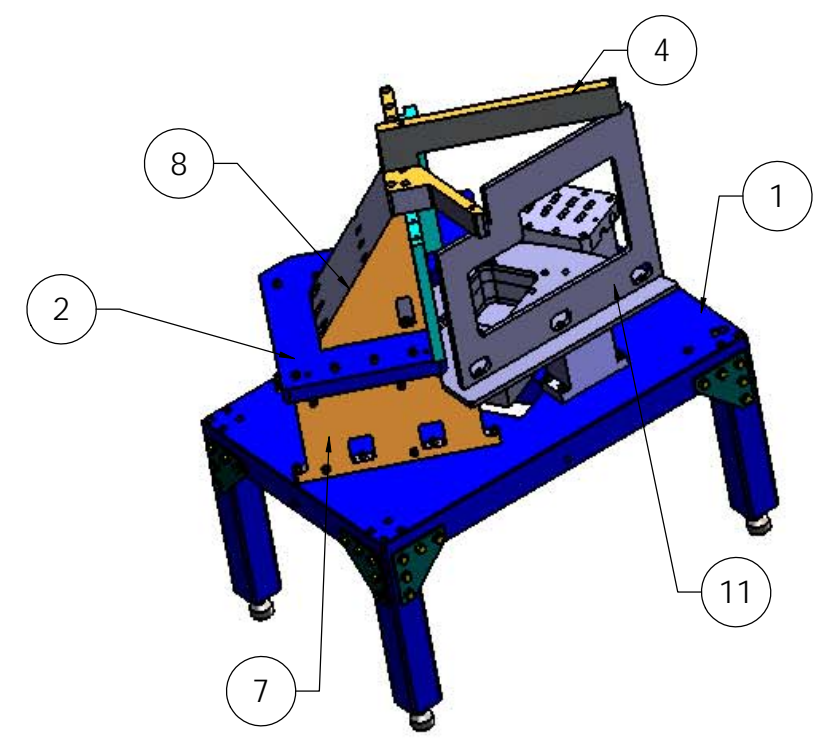
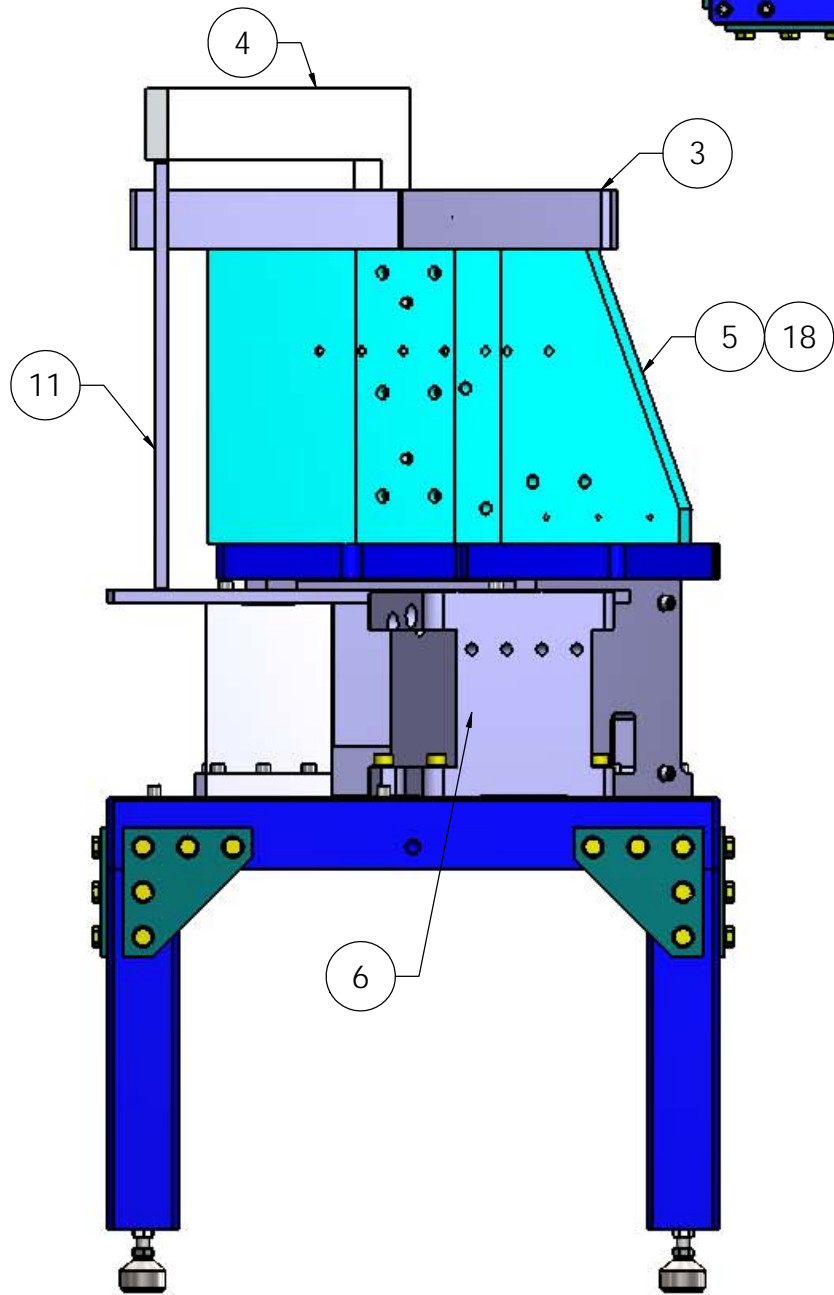
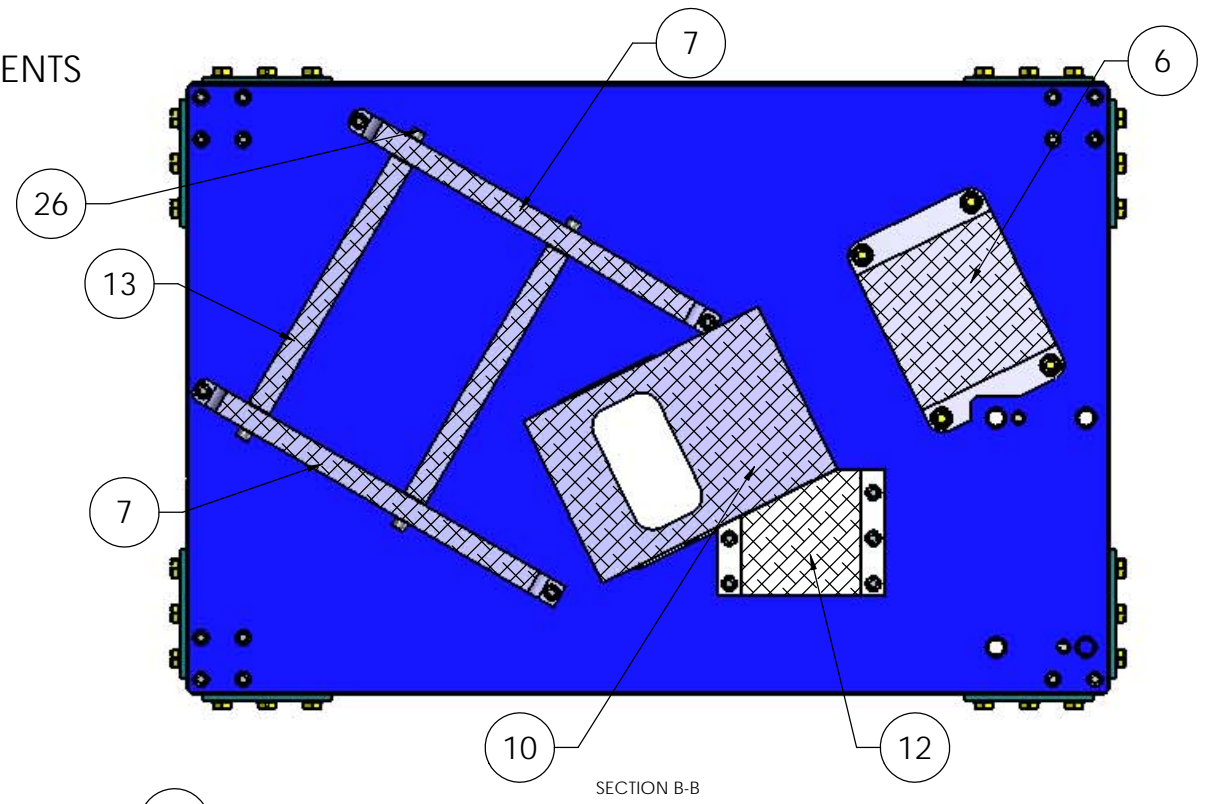
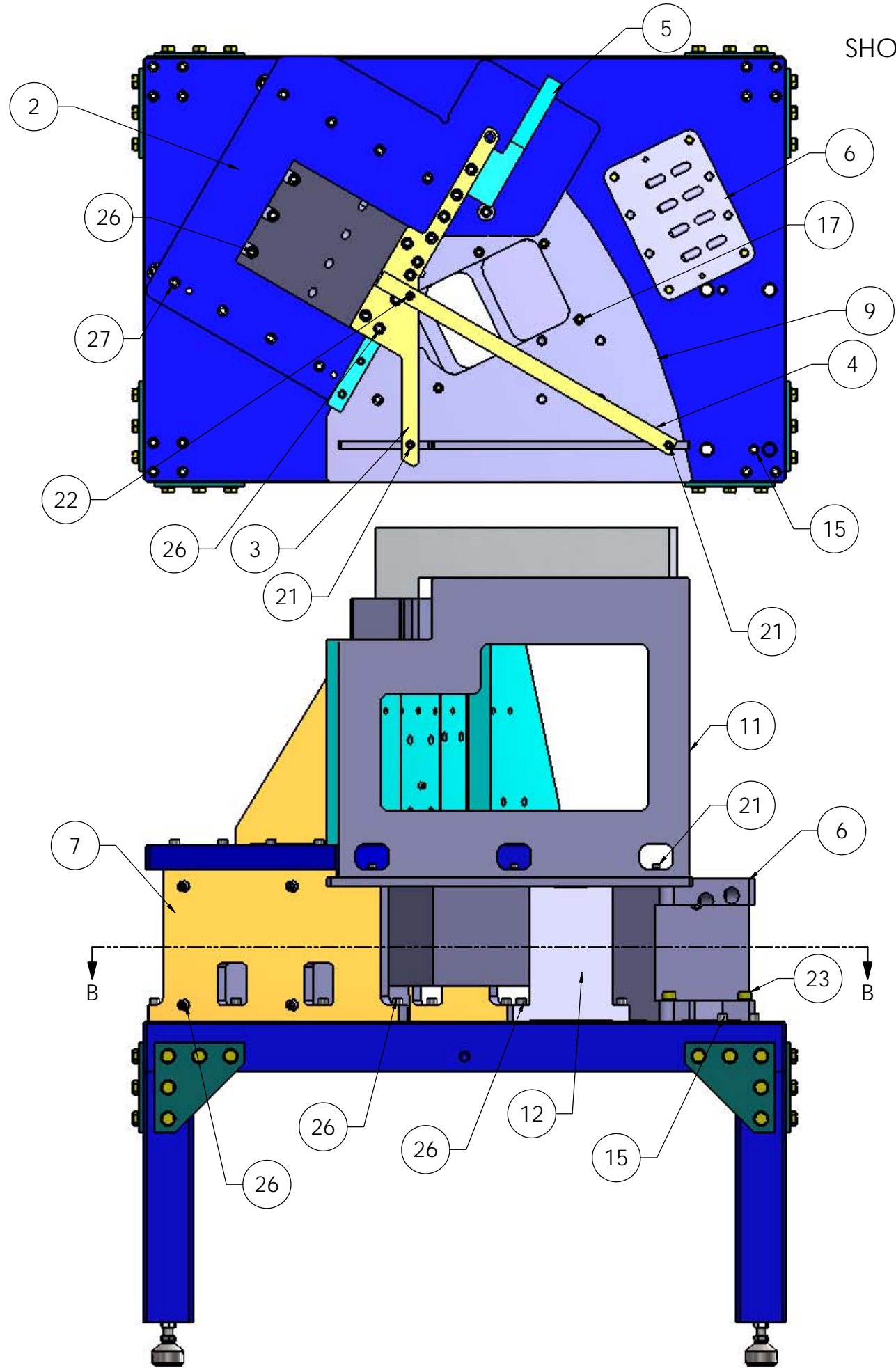
STANDARD COMPONENTS
SEE BOM LISTED

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 ± N/A °	
MATERIAL	N/A
FINISH	N/A μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME Test-Bench BSC-ISI TEST Tooling	
SYSTEM ADVANCED LIGO	SUB-SYSTEM SEI	DESIGNER S.BARNUM 25 May 2010	SIZE D
CHECKER F.MATCHARD 25 May 2010	APPROVAL K.MASON 25 May 2010	DWG. NO. D1001366	REV. v2
NEXT ASSY N/A		SCALE: 1:5	PROJECTION:
		SHEET 1 OF 2	

D1001366 Test-Bench BSC-ISI TEST Tooling, PART PDM REV. X-006, DRAWING PDM REV. X-004

SHOWN WITHOUT BSC-ISI COMPONENTS



LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
D D1001366	v2
SCALE: 1:4	PROJECTION:
SHEET 2 OF 2	

D:\001366 Test Bench\BSC-ISI TEST Tooling_PAPER PDM_REV_X-006_DRAWING_PDM_REV_X-004