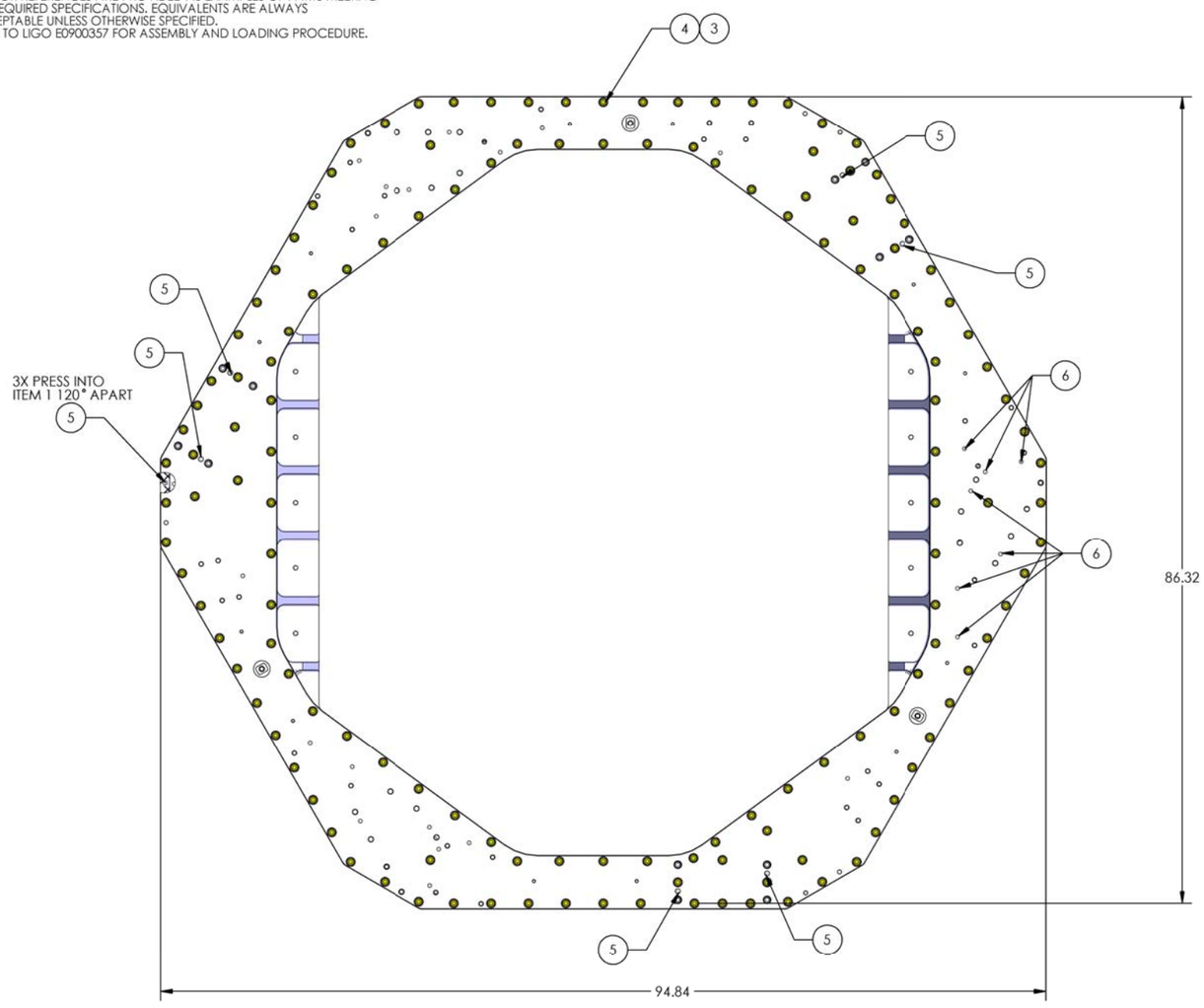
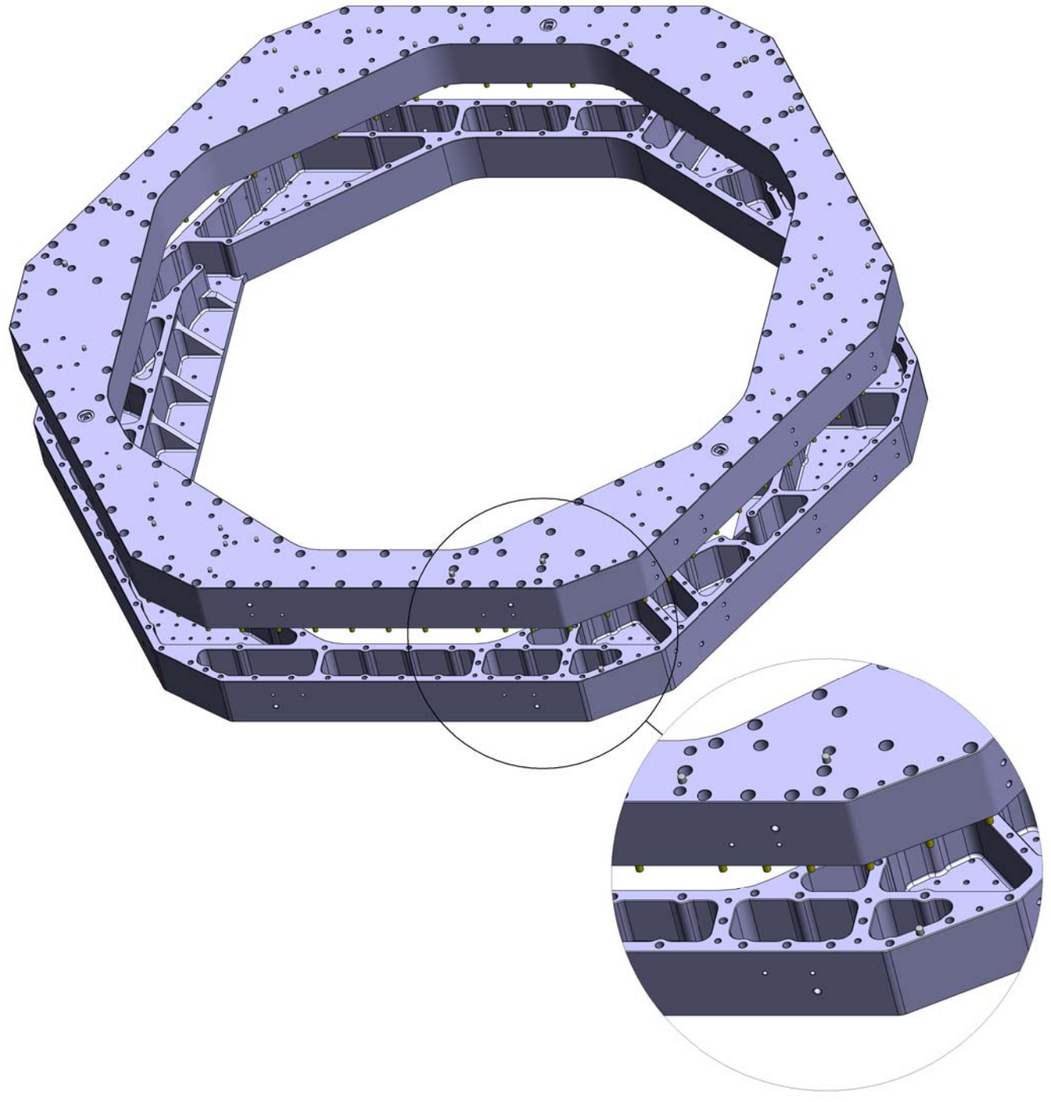
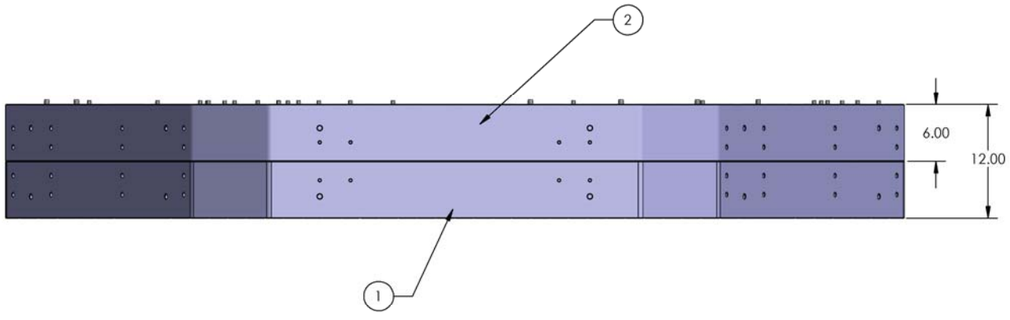
NOTES CONTINUED:

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	11 Jan 2011	E1100026	E1000025







DETAIL A
SCALE 1 : 5

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ
6	MCMASTER_90145A624	Dowel Pin, 3/8"x1.0"	18-8 SS	24
5	MCMASTER_90145A714	Dowel Pin, 1/2"x1.25"	18-8 SS	9
4	McMASTER_92196A724	SCREW SHSC, 1/2-13 x 3" SHCS 1 1/2"-FULL THD	18-8 SS	142
3	UC_COMPONENTS_WFV-50	Vented Washer, .515 ID X .87 OD X .032 THK #1/2"	18-8 SS	142
2	D0900895	Stage 0 Top, aLIGO BSC ISI	6061-T6 Al	1
1	D0900894	Stage 0 Bottom, aLIGO BSC ISI	6061-T6 Al	1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± N/A
.XXX ± N/A

ANGULAR ± N/A °

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.

MATERIAL: N/A
FINISH: N/A µinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO
SUB-SYSTEM: SEI
NEXT ASSY: D0901182

PART NAME: STAGE 0 MONOLITHIC ASSEMBLY, aLIGO BSC ISI

DESIGNER	C. RAMET	23 June 2010	SIZE	DWG. NO.	REV.
DRAFTER	M.HILLARD	23 June 2010	D	D0900896	v1
CHECKER	F.MATICHARD	23 June 2010			
APPROVAL	K. MASON	23 June 2010	SCALE: 1:8	PROJECTION:	SHEET 1 OF 1

D0900896 A.dr LIGO SEI BSC Stage 0 Assembly, PART FDM REV: X-045, DRAWING FDM REV: X-009