

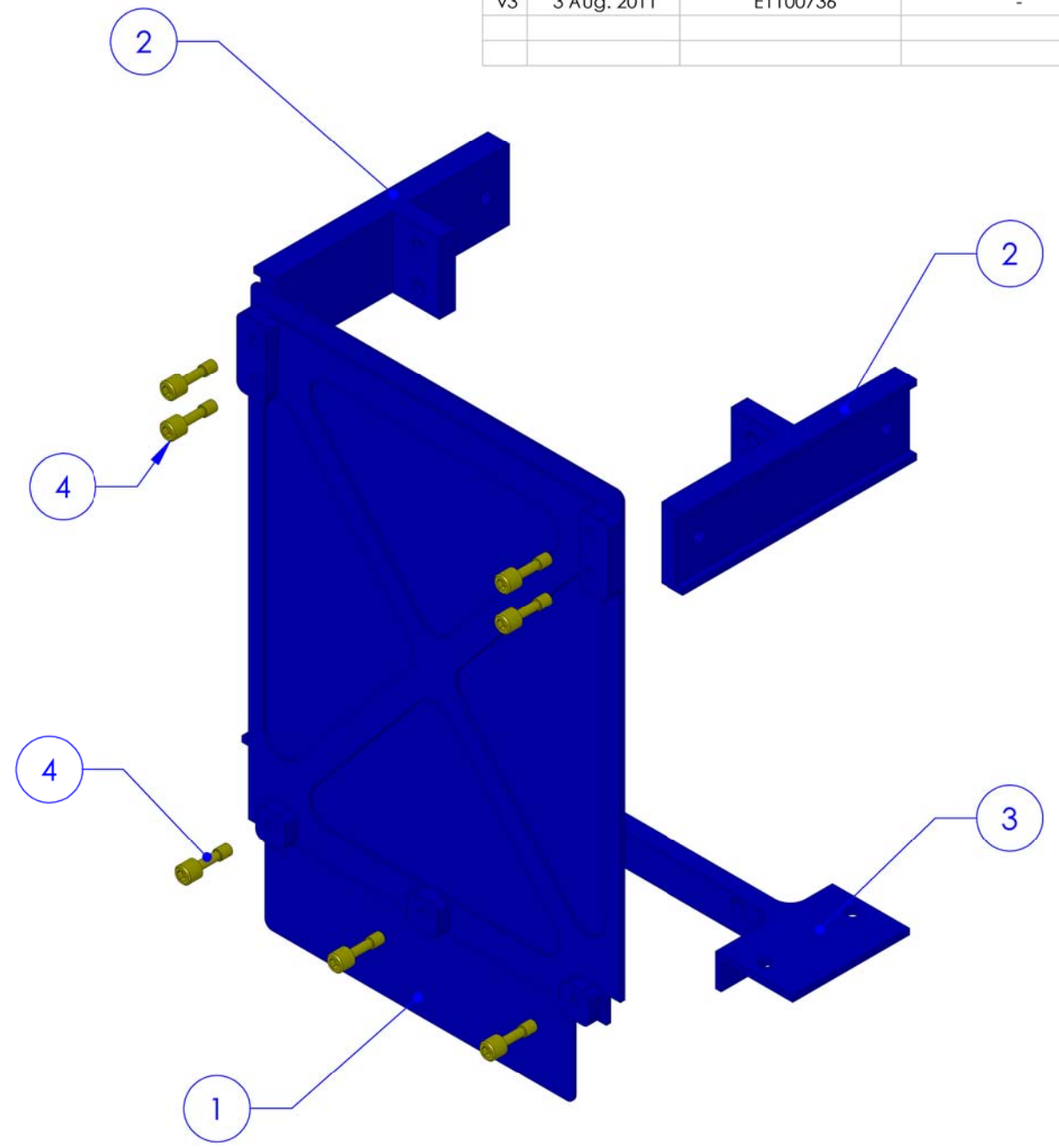
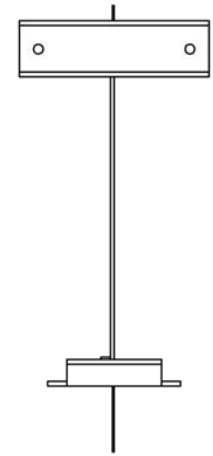
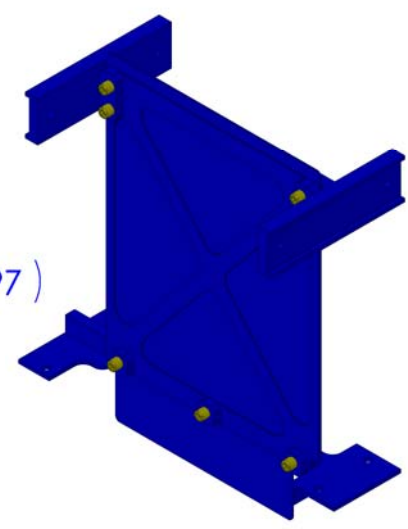
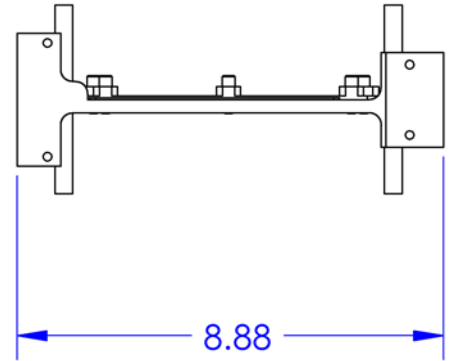
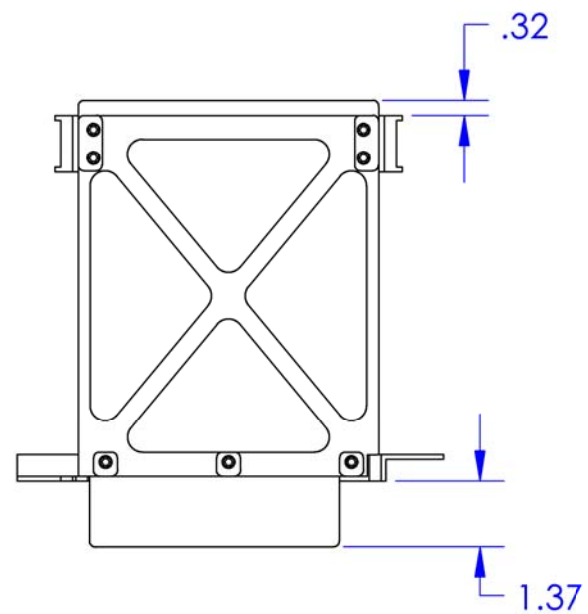
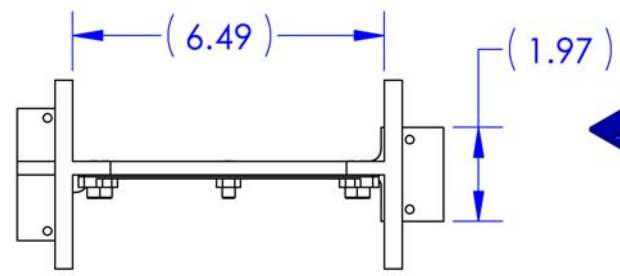
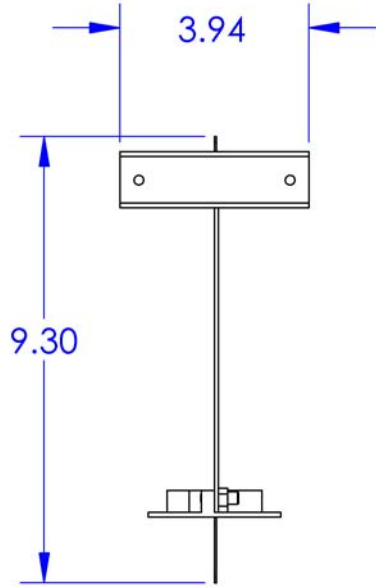
D1101017_CENTRAL PROTECTIVE FIN ASSEMBLY, PART PDM REV: X-007, DRAWING PDM REV: X-005

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 #
v3	3 Aug. 2011	E1100736	-

D
C
B
A

D
C
B
A



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	TOTAL
4	ASM_114118.562 SS 1	CAPITVE SCREW .56 LG X 8-32 THD SHCS	18-8 SSTL	7	7
3	D1101020	αLIGO SUS, ETM ITM CENTRAL FIN CONNECTION BRACKET	6061-T6 Al	1	1
2	D1101019	αLIGO SUS, ETM ITM CENTRAL FIN CONNECTION BRACKET	6061-T6 Al	2	2
1	D1101018	αLIGO SUS, QUAD ETM ITM MONOLITHIC CENTRAL PROTECTIVE CENTRAL FIN PLATE	6061-T6 Al	1	1

PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)
 DIMENSIONS ARE IN INCHES/INCHES
 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.
 TOLERANCES:
 .XX ± 0.01N/A
 .XXX ± N/A0.005
 ANGULAR ± N/A0.2°
 MATERIAL N/A
 FINISH N/A μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PART NAME
 CENTRAL FIN ASSEMBLY

DESIGNER R.JONES MAY 2011 **SIZE** DWG. NO. **REV.**
DRAFTER R.JONES MAY 2011 **B** **D1101017** **v3**
CHECKER J.LEWIS 3 Aug. 2011
APPROVAL C.TORRIE 3 Aug. 2011 **SCALE:** 1:4 **PROJECTION:** **SHEET 1 OF 1**

SYSTEM SUS **SUB-SYSTEM** SUS **NEXT ASSY** QUAD LOWER STRUCTURE

8 7 6 5 4 3 2 1