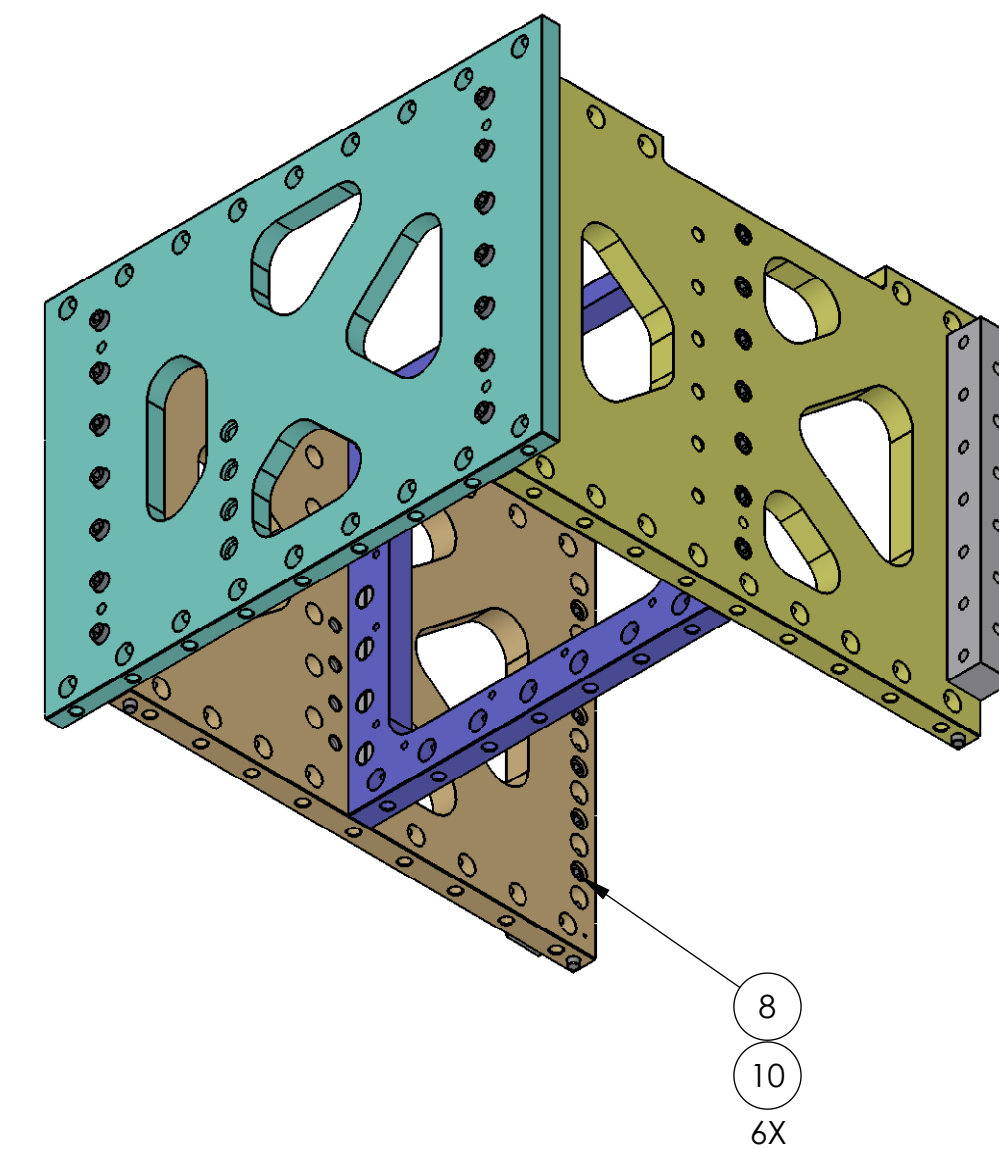
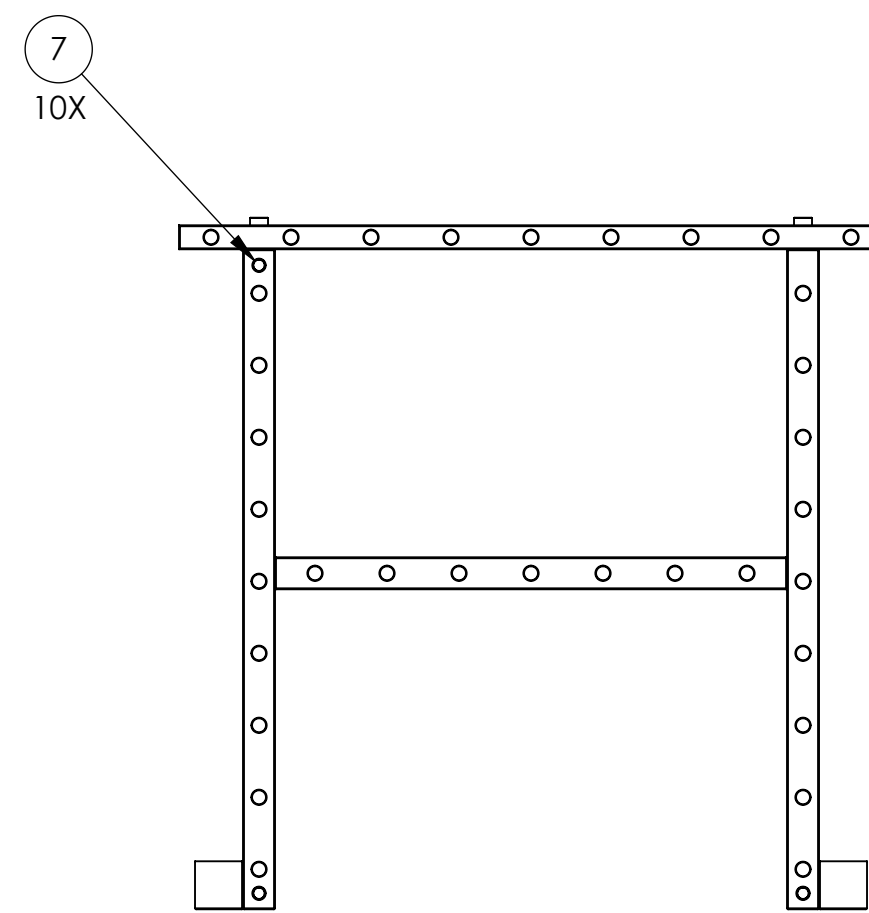
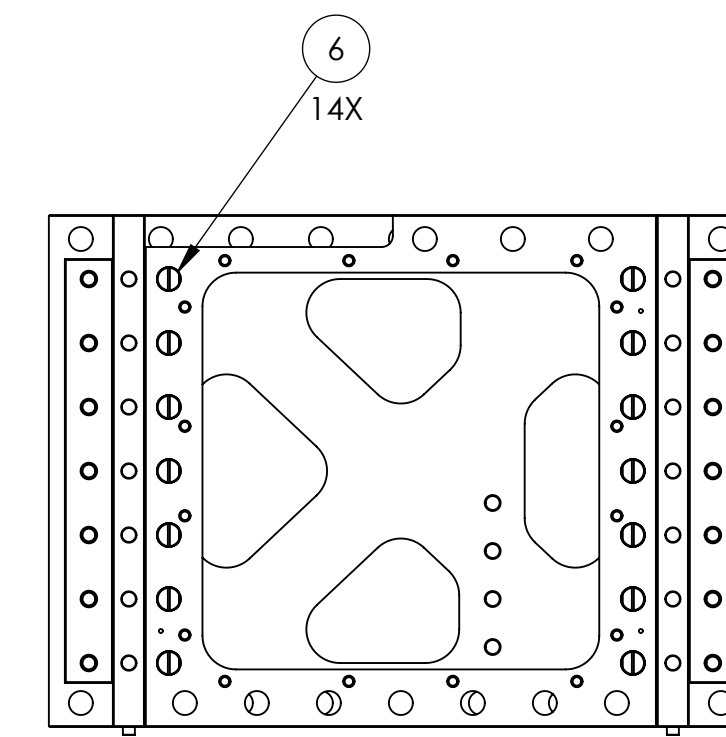
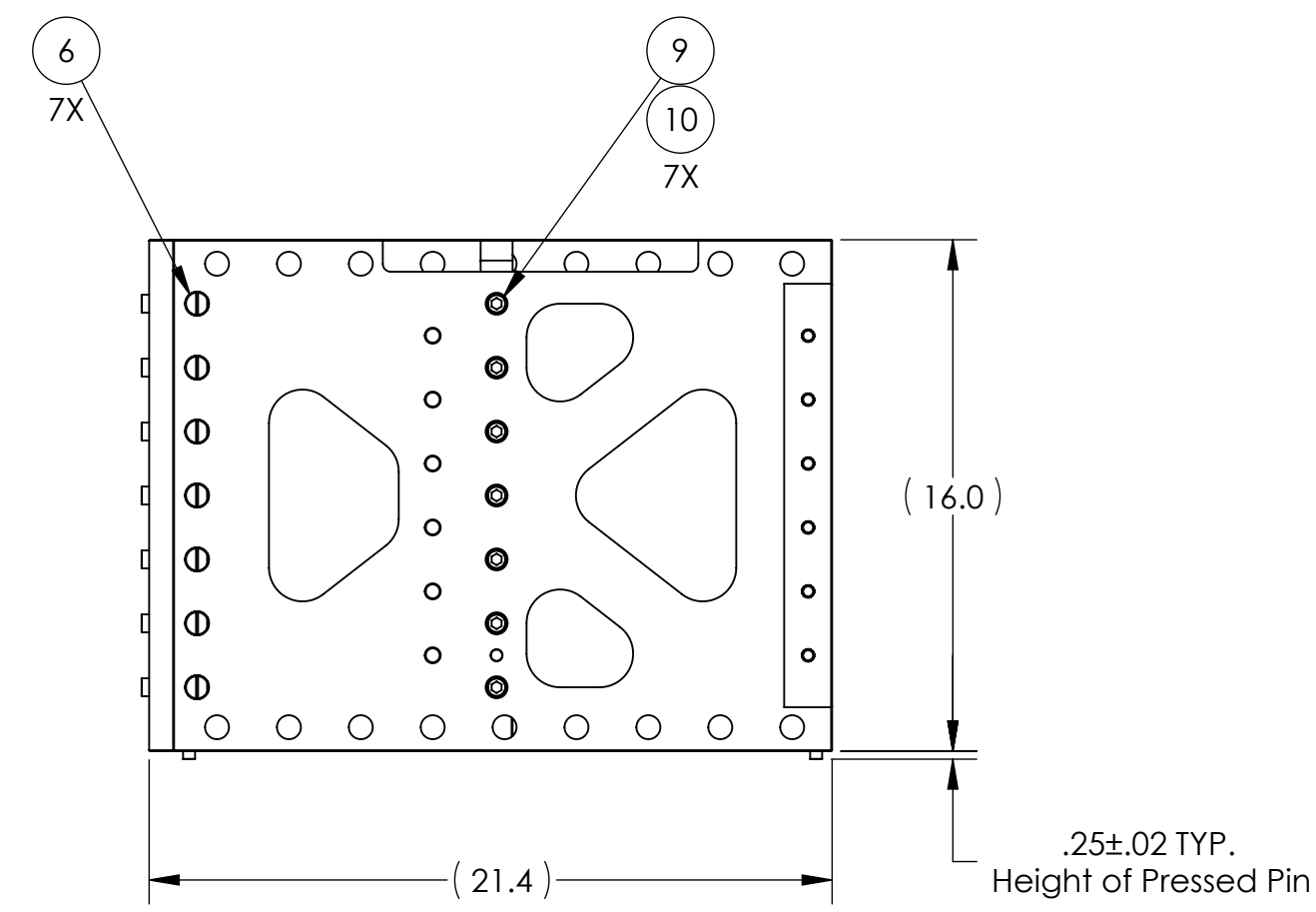
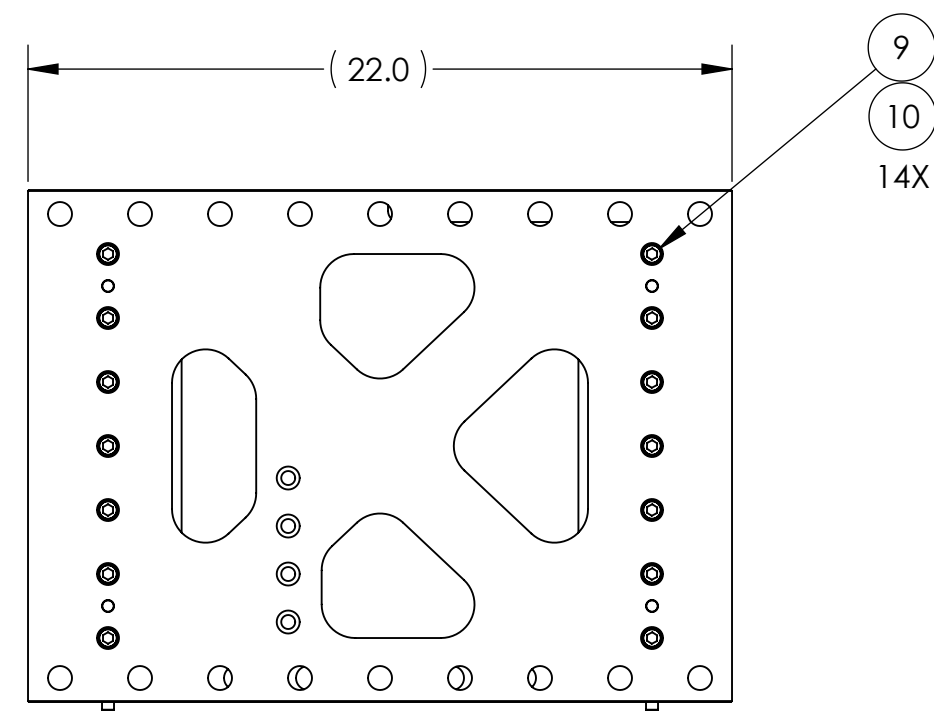
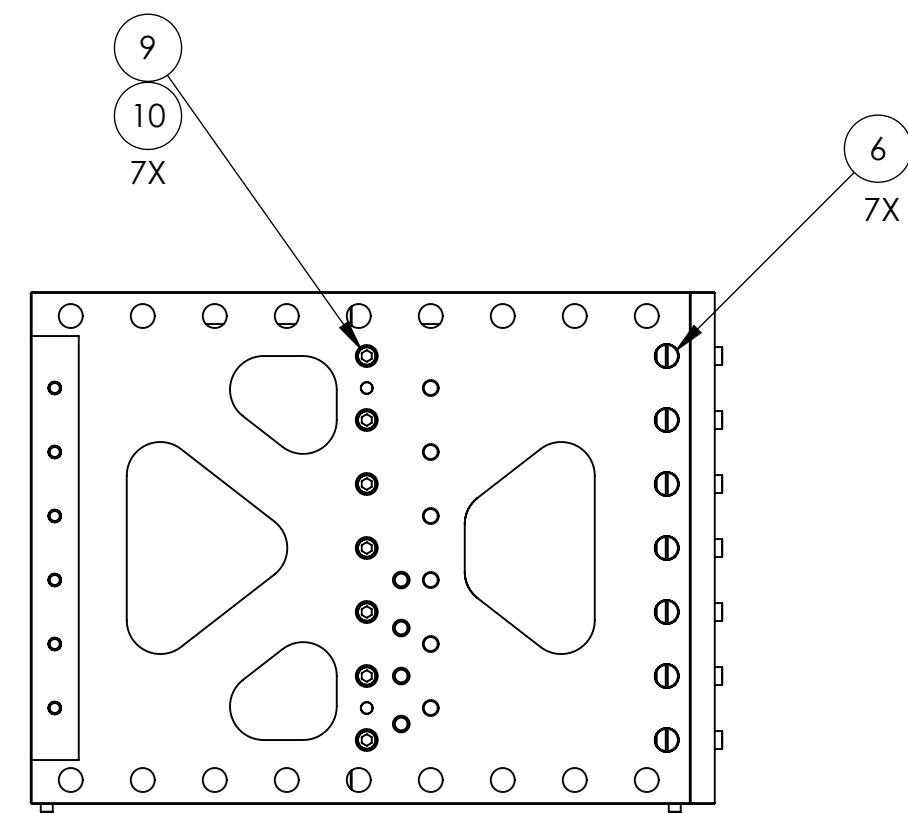
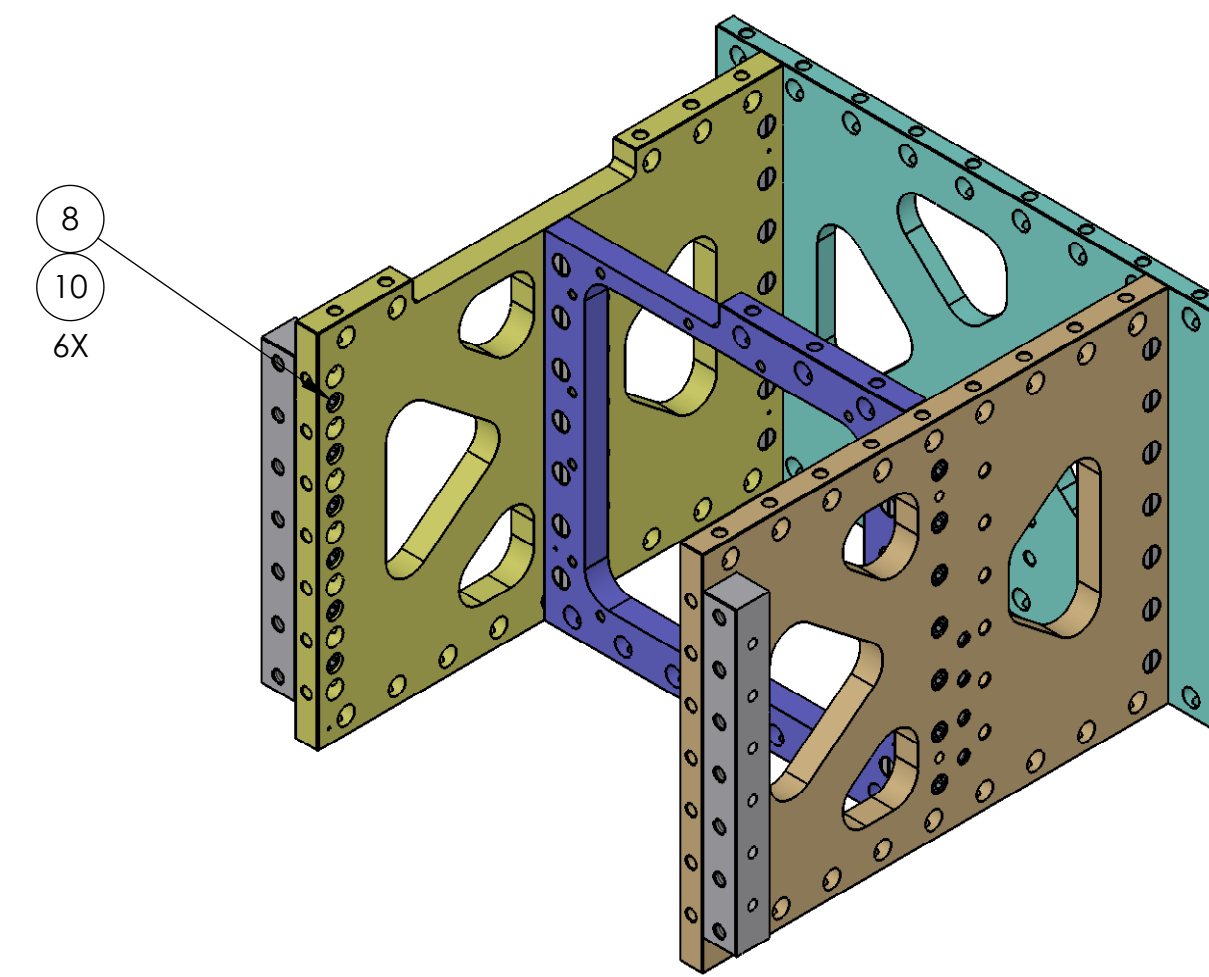
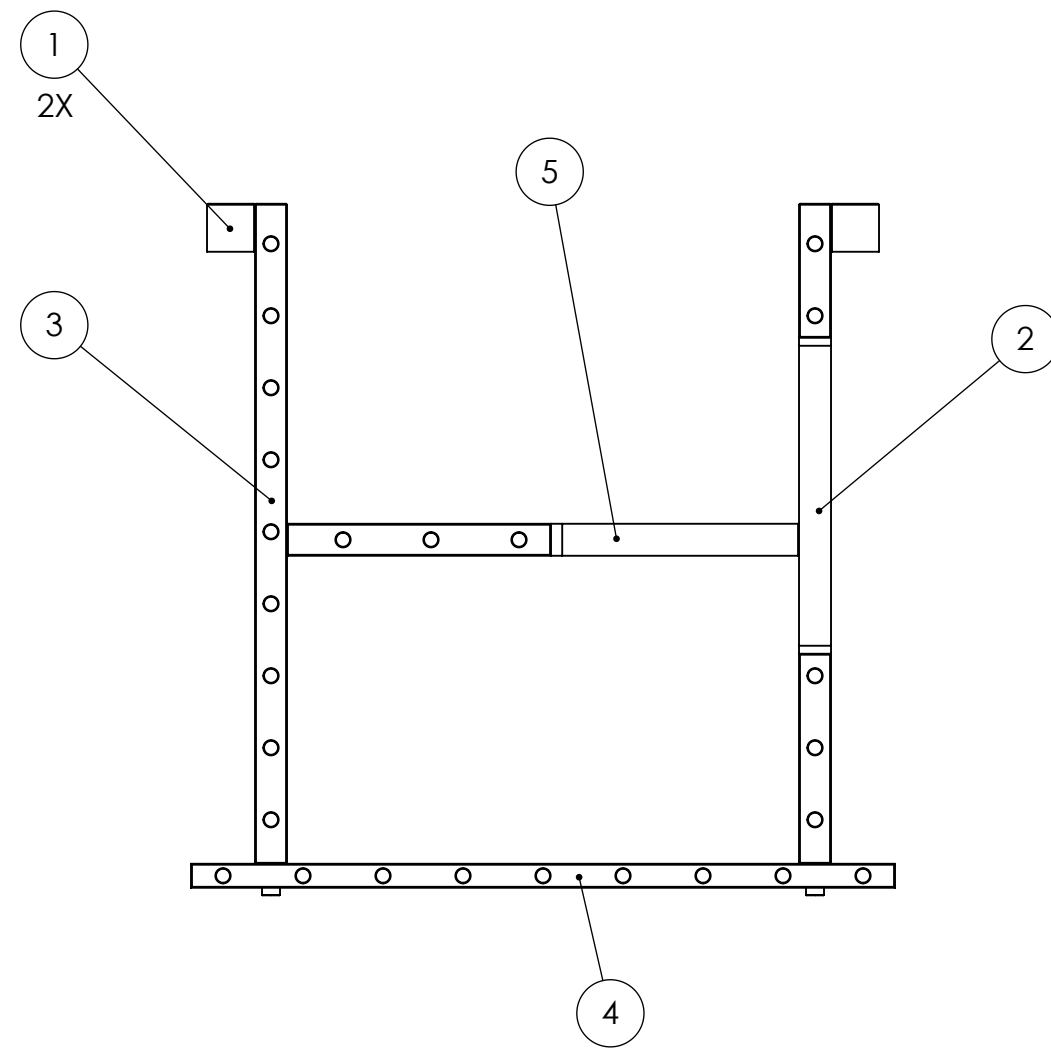


NOTES CONTINUED:

- 5. Refer to LIGO-E0900216 for assembly instructions.
- 6. Orient Barrel Nuts with flats facing away from screws.
- 7. Weight of finished assembly: 85 lbs



REV.	DATE	DCN #	DRAWING TREE #
v1 / E	26 FEB 2008	N/A	N/A
v2	06 JAN 2010	E1000001	T0900305

ITEM NO.	PART NUMBER	DESCRIPTION	SIZE / TYPE	MATERIAL	REQ
10	UCC_WFV-38	Vented Washer, 3/8"	3/8" (.39"x.63")	18-8 SS	40
9	HOLOKROME_78104	SHCS, 3/8"-16x1.75"	3/8"-16x1.75"	18-8 SS	28
8	HOLOKROME_78100	SHCS, 3/8"-16x1.25"	3/8"-16x1.25"	18-8 SS	12
7	MCMMASTER_90145A622	Dowel Pin, 3/8"x.75"	3/8"x.75"	18-8 SS	10
6	D071250	Barrel Nut	3/8-16 x 1.0L	2024-T351	28
5	D071071	Rib, Tan, Flexure Mid	-	6061-T6 Al	1
4	D071070	Rib, Tan, Flexure Cen	-	6061-T6 Al	1
3	D071069	Rib, Rad, Flexure Out 2	-	6061-T6 Al	1
2	D071068	Rib, Rad, Flexure Out 1	-	6061-T6 Al	1
1	D071061	Outer Wall, Bracket 90	-	6061-T6 Al	2

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 SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410.	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .015 .XXX ± .005 ANGULAR ± 0.5°	MATERIAL: See BOM FINISH: See BOM

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM: ADVANCED LIGO NEXT ASSY: D0900154	SUB-SYSTEM: SEI

PART NAME					
Asm, Boxwork					
DESIGNER	Andy Stein	06 FEB 2009	SIZE	DWG. NO.	REV.
DRAFTER	Andy Stein	03 JUN 2009	D	D071422	v2
CHECKER			SCALE: 1:6	PROJECTION:	SHEET 1 OF 1
APPROVAL	Ken Mason	06 JAN 2010			