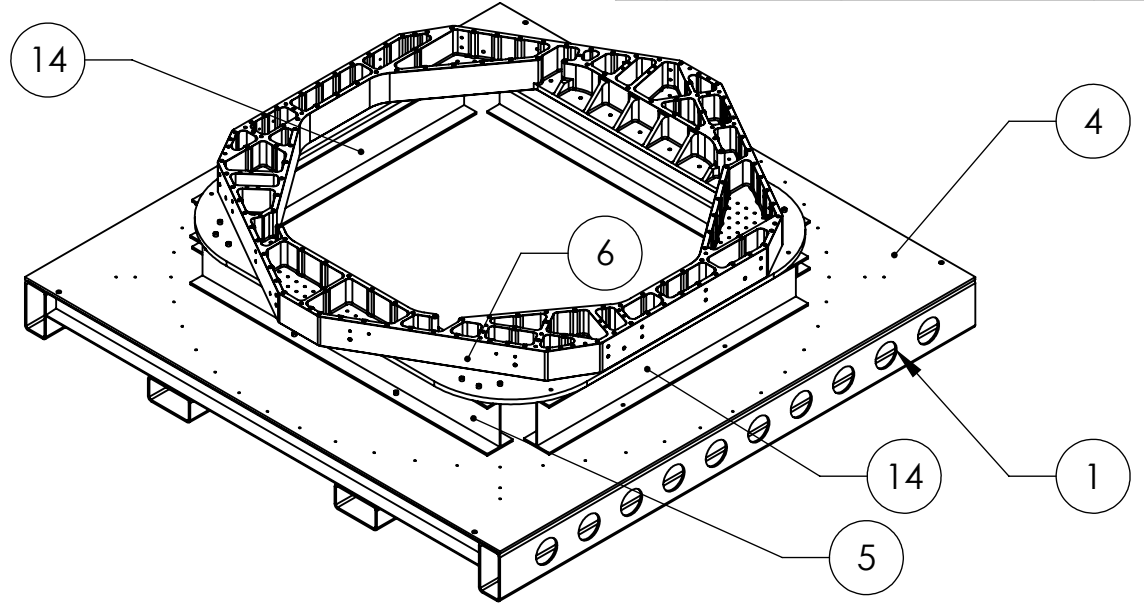
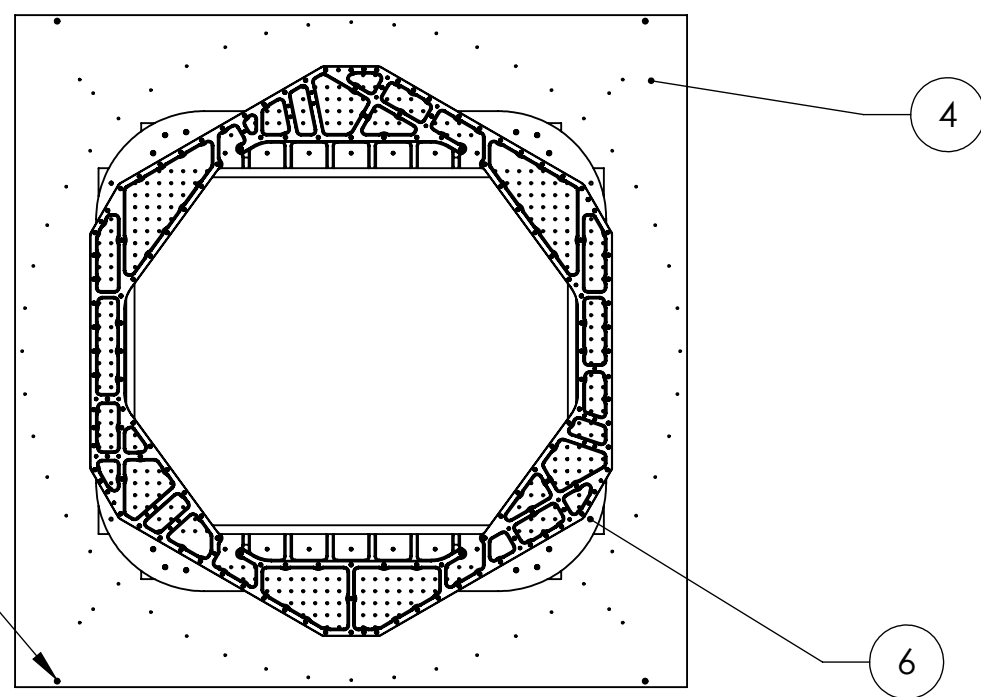


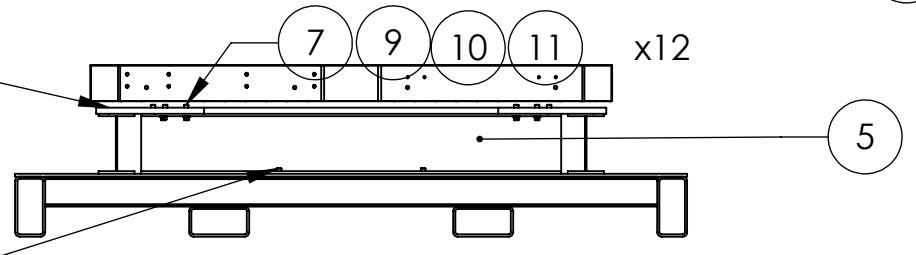
REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-



MOUNTING HARDWARE
INSERTED AT FINAL ASSY

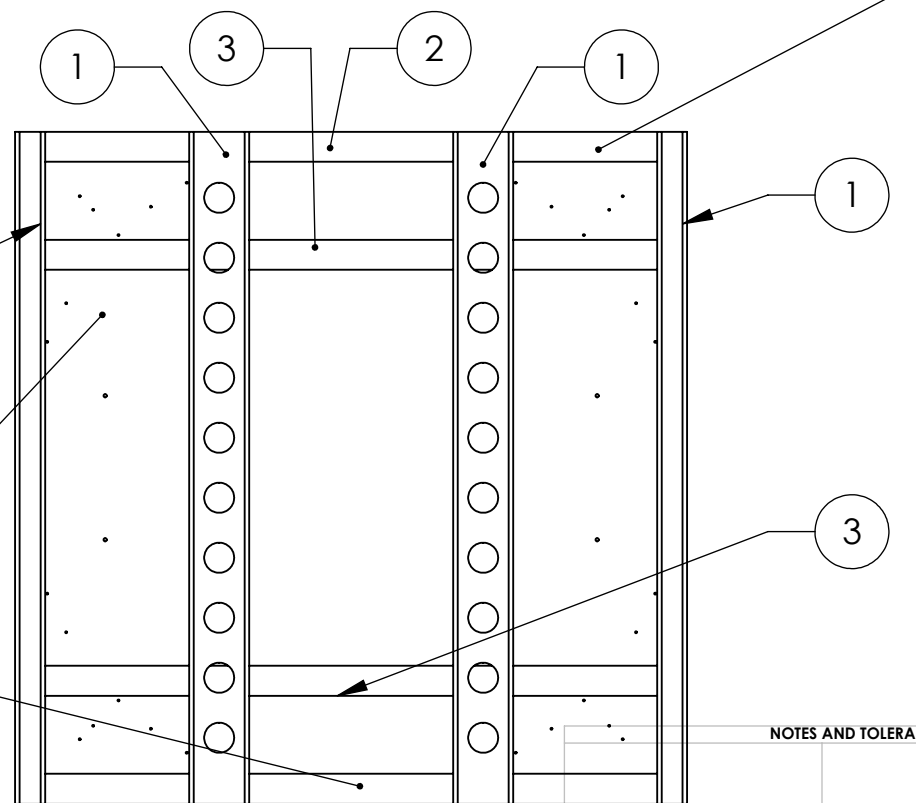
MACHINE TOP SURFACE OF ITEM 6
TO FLATNESS OF .010".
MACHINE SURFACE WITH ITEMS 5
AND 6 ASSEMBLED.

WELD ALL STRUCTURAL STEEL I BEAMS AND TUBES AT ALL INTERFACES.
INNER I BEAMS, ITEM 3, CARRIES OVER 7000 LBS.
PAINT STEEL WELDMENT.



ITEM 8 LOCATED BETWEEN IBEAM
AND BASEPLATE AROUND SHCS

ALIGN ITEMS 2 AND 3 WITH
ITEM 4 MOUNTING HOLES



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
14	D1003360	short support i beam	6061-T6 Al	2		2
13	D0900894	Stage 0 Bottom, aLIGO BSC ISI	6061-T6 Al	1		1
12	SHCS	1/2-13 x 1.25	18-8	4		4
11	hex nut	1/2-13	18-8	16		16
10	locking washer	1/2"	18-8	16		16
9	flat washer	1/2"	18-8	16		16
8	mcmaster 9464K66	O RING VITON 1/8 ROUND ID.484 OD 3/4	-	4		4
7	SHCS	1/2-13 x 2	18-8	12		12
6	D1002681	BASE MOUNTING PLATE	6061 Alloy	1		1
5	D1002680	support ibeam	Material <not specified>	2		2
4	D1002674	BASE PLATE	6061 Alloy	1		1
3	D1002673	base ibeam B	Plain Carbon Steel	2		2
2	D1002672	base ibeam A	Plain Carbon Steel	2		2
1	D1002671	rectangular beam	Plain Carbon Steel	4		4

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: _____ SUB-SYSTEM: _____ PART NAME: **BASE ASSEMBLY**

DESIGNER: _____ DRAFTER: _____ CHECKER: _____ APPROVAL: _____

FOLEY: _____ 12/15/2010

SIZE: **B** DWG. NO.: **D1002682** REV.: **v1**

MATERIAL: SEE BOM FINISH: - μinch NEXT ASSY: D1002663

SCALE: 1:24 PROJECTION: _____ SHEET 1 OF 1

D1002682- base assembly, PART PDM REV: A, DRAWING PDM REV: