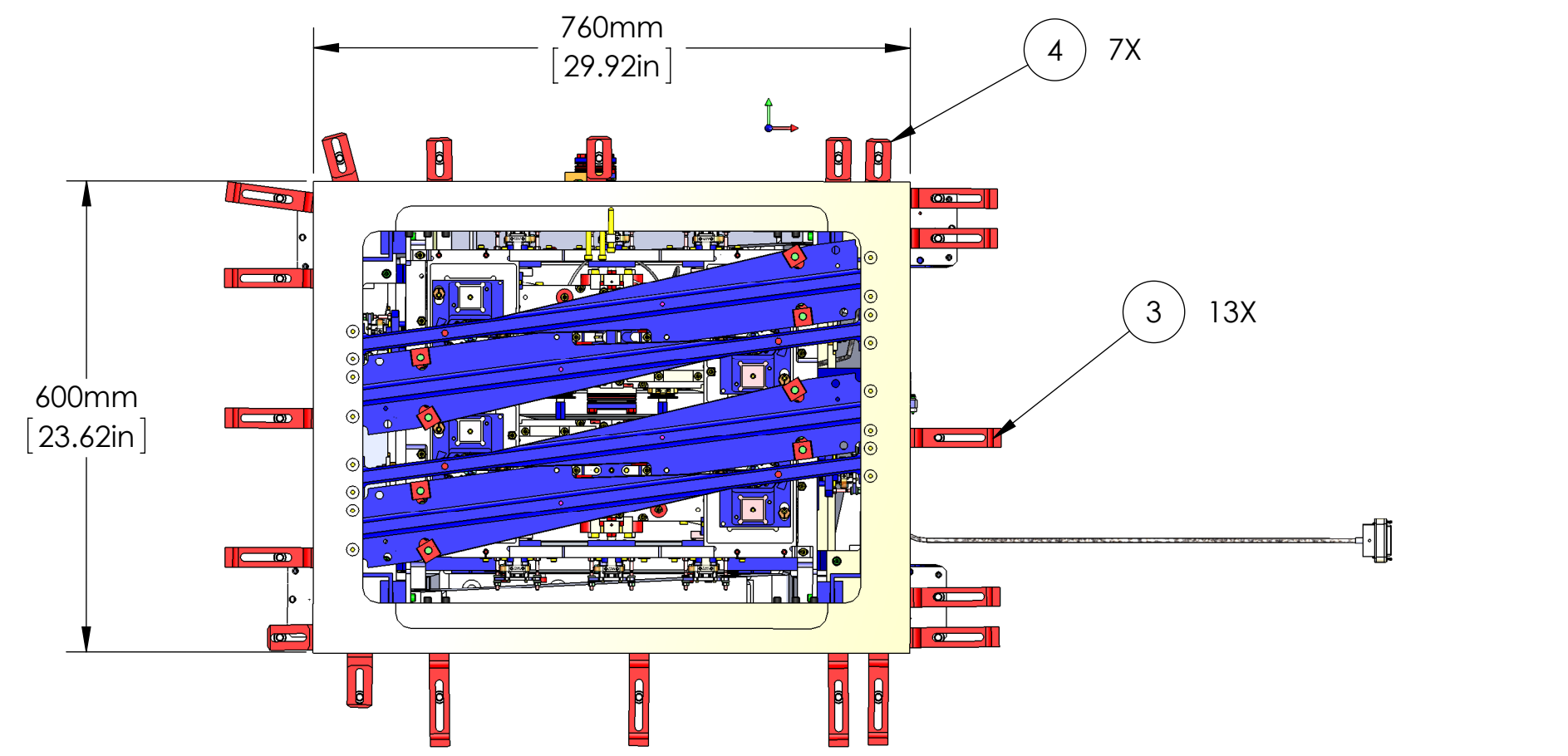
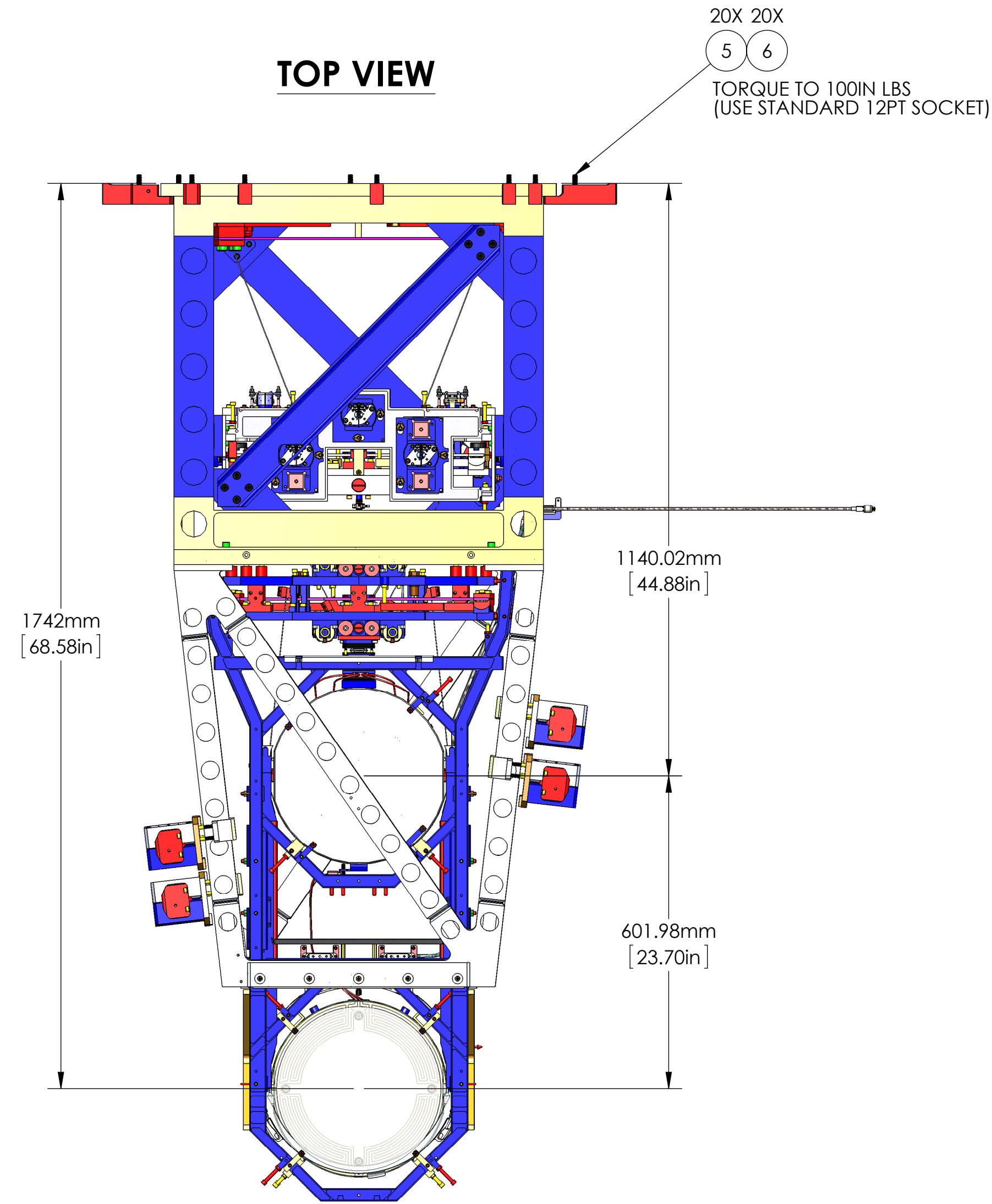


REV.	DATE	DCN #	DRAWING TREE #
v1	31 MAY 2013	-	-
v4	11 NOV 2013	E1300861-x0	-
-	-	-	-



TOP VIEW

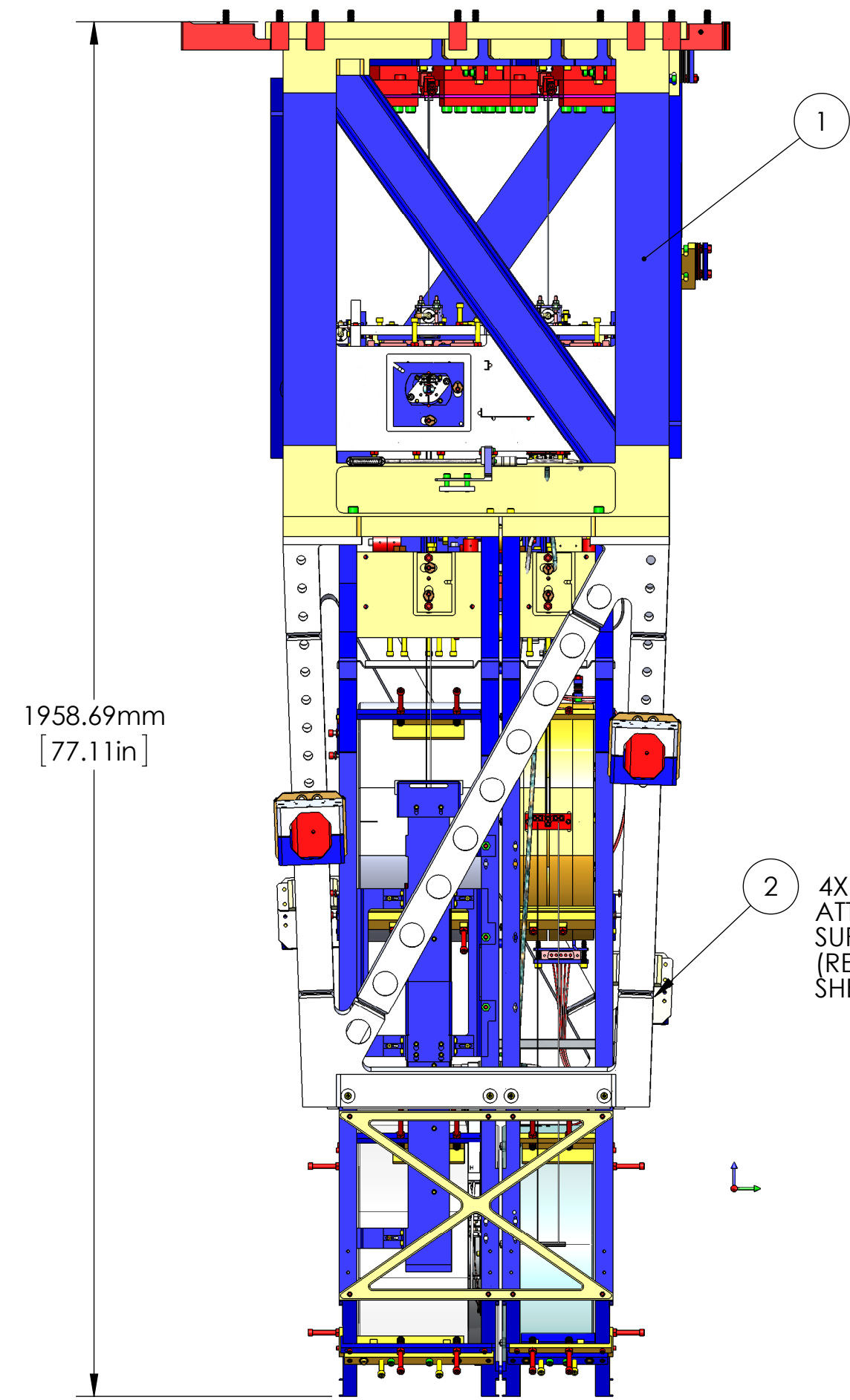


FRONT VIEW

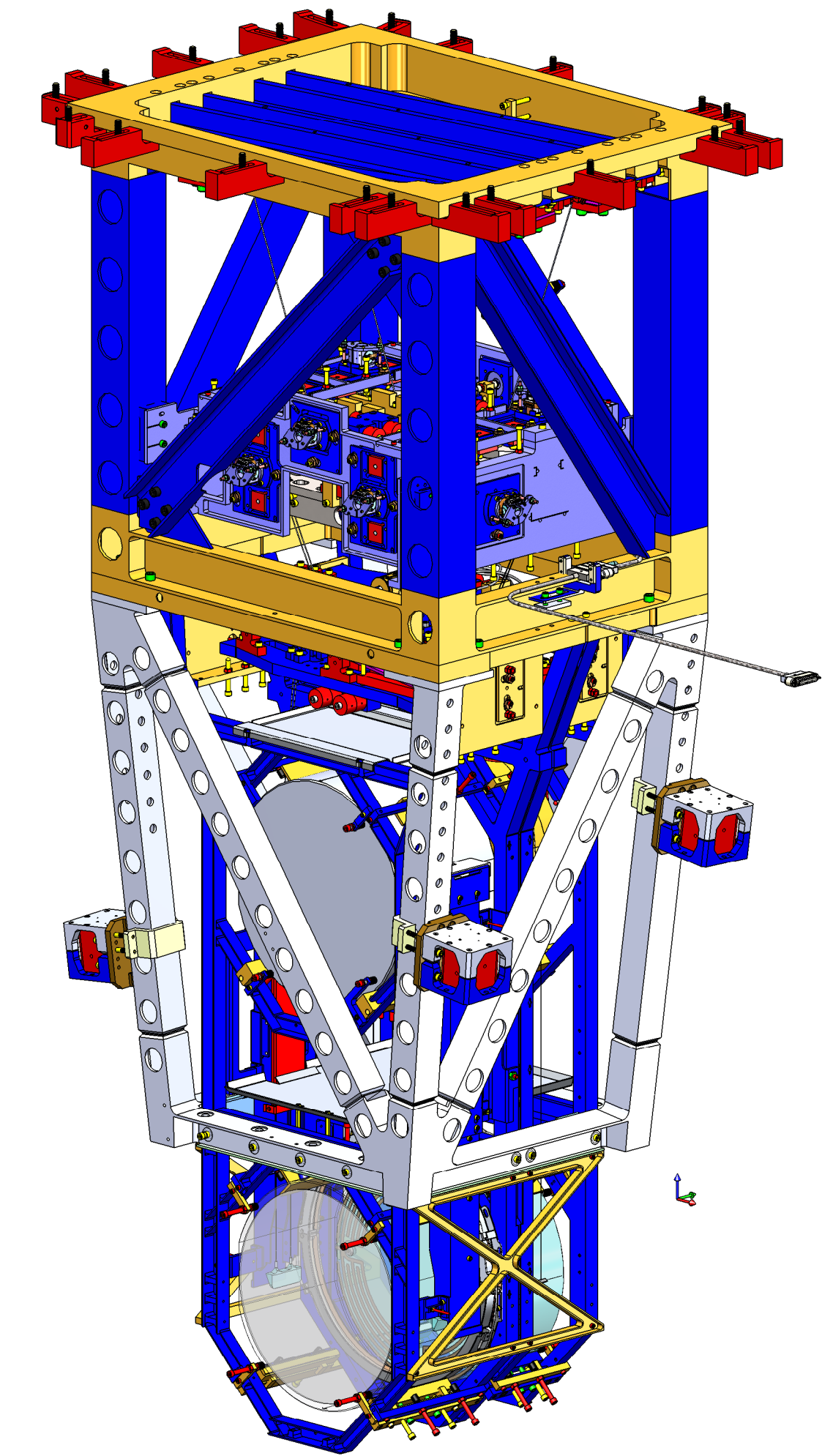
LOCAL COORDINATES REFERENCE

X mm	Y mm	Z mm	Y aw°
-200.0	-537.6	-80.0	0.0

SEE PAGE 4 FOR CS DEFINITION



RIGHT VIEW



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
6	D1100785-562	WASHER, FLAT, .38 X .562 O.D.	20
5	3AJ1.500-12CL	3/8-16 X 1.50 12PT BOLT	20
4	D1003190	ALIGO QUAD SHORTER DOG CLAMP	7
3	D070056	ALIGO SUS QUAD N-PTYPE, QUAD DOG CLAMP	13
2	D1002424	VIBRATION ABSORBER ASSEMBLY	4
1	D0901346-04	ALIGO SUS QUAD ETM SUS ASSY TOP LEVEL TD-1084-090	1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN	1. INTERPRET DRAWING PER ASME Y14.5-1994.
TOLERANCES:	2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS.
ANGULAR ± °	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

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	ADVANCED LIGO
SUB-SYSTEM	SUS
NEXT ASSY	D0901154

PART NAME		AdvLIGO SUS BSC10-H1, XYZ Local CS for ETMY	
DESIGNER	ED CHAVEZ	DATE	31 MAY 2013
DRAFTER	CALUM TORRIE	DATE	31 MAY 2013
CHECKER	SEE DCC	DATE	SEE DCC
APPROVAL	SEE DCC	DATE	SEE DCC
SIZE	D	DWG. NO.	D0901157
SCALE	1:12	PROJECTION	SEE DCC
REV.	v4	SHEET 1 OF 4	

D0901157 AdvLIGO SUS BSC10-H1, XYZ Local CS for ETMY, PART PDM REV: X-059, DRAWING PDM REV: X-004

A10 A20 A30 A40 A50 A60 A70

B1
B10
B20
B30
B40
B50
B60
B70

BSC1-H1 ↑

D1101050-29 "WBSC5A"
NOTE: ONLY ONE TEMPLATE USED,
THIS ONE OR D1101050-30
ON OPPOSITE CORNER

SCREW HOLE
A20, B10

A20

A30

A40

HR SIDE ↓

+X →

B10

SCREW HOLE
A13, B14

B20

+Y ↓

BOTTOM VIEW
(LOOKING UP)

+Y ↑

B30

SCREW HOLE
A46, B33

D1101050-30 "WBSC5B"
NOTE: ONLY ONE TEMPLATE USED,
THIS ONE OR D1101050-29 ON
OPPOSITE CORNER

SCREW HOLE
A35, B36

AR SIDE ↑

+X →

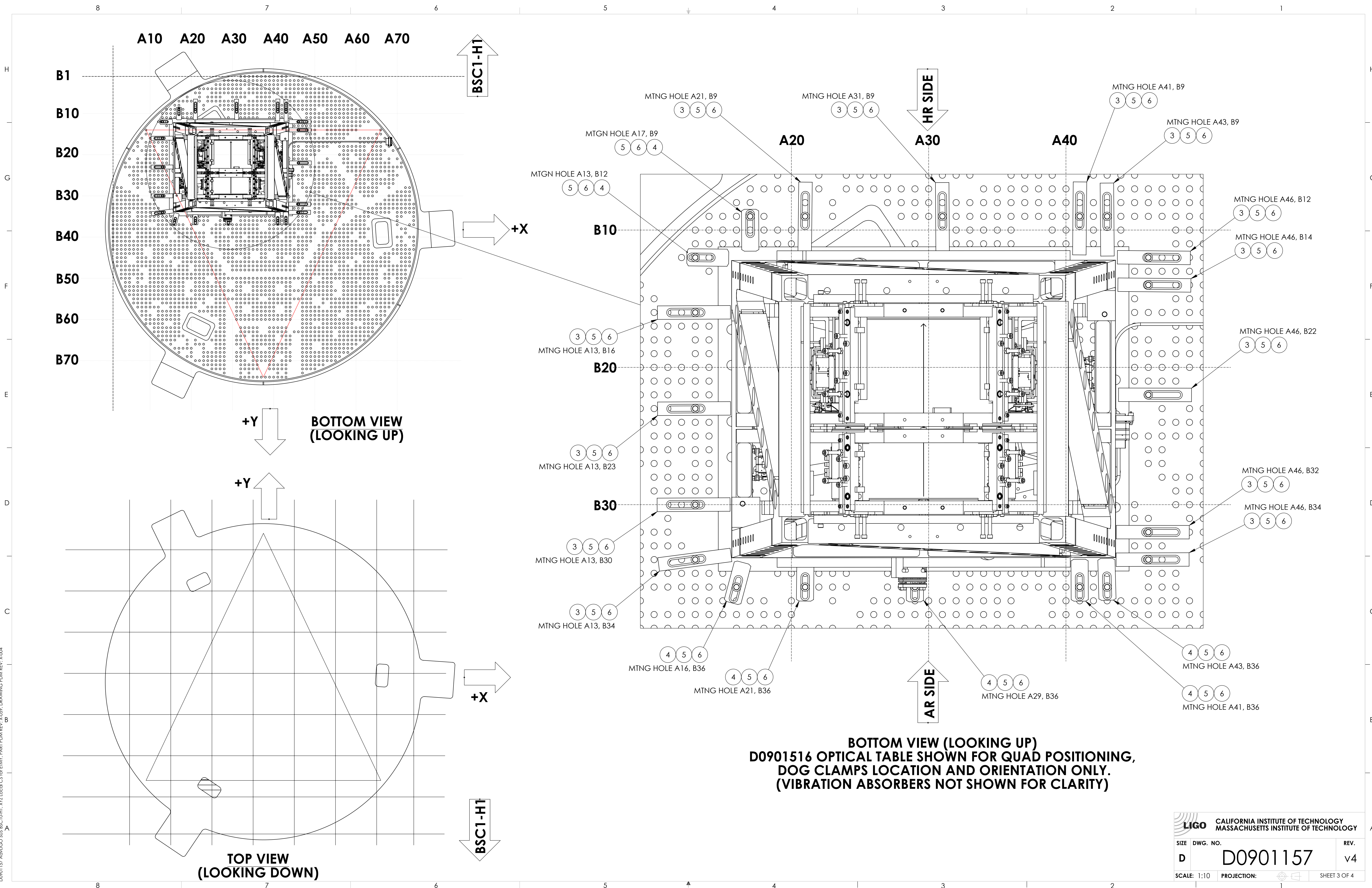
BSC1-H1 ↓

TOP VIEW
(LOOKING DOWN)

BOTTOM VIEW (LOOKING UP)
D0901516 OPTICAL TABLE SHOWN FOR QUAD POSITIONING.
TEMPLATE LOCATION AND ORIENTATION ONLY. (VIBRATION ABSORBERS,
DOG CLAMPS AND MOUNTING HARDWARE NOT SHOWN FOR CLARITY)

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE DWG. NO.	D0901157	v4
SCALE: 1:10	PROJECTION:	SHEET 2 OF 4

D0901157 Asst LIGO S16 BSC10-H1 XYZ Local CS for ENVI PART PDM REV: X-059 DRAWING PDM REV: X-004



D090157 Asst LGO S16 BSC10-H1.XYZ Local CS for ENVI. PART PDM REV. X-059. DRAWING PDM REV. X-004

