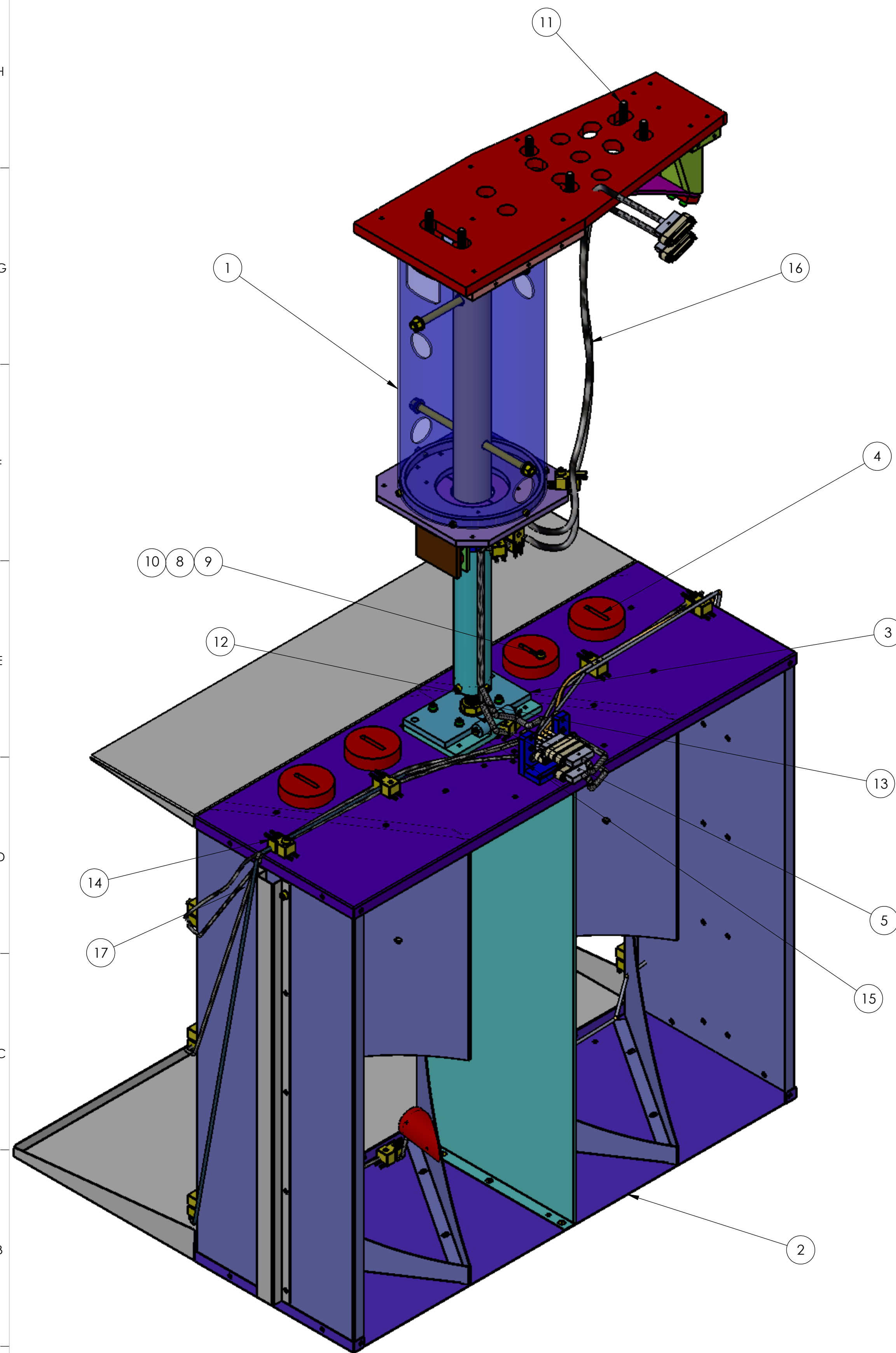
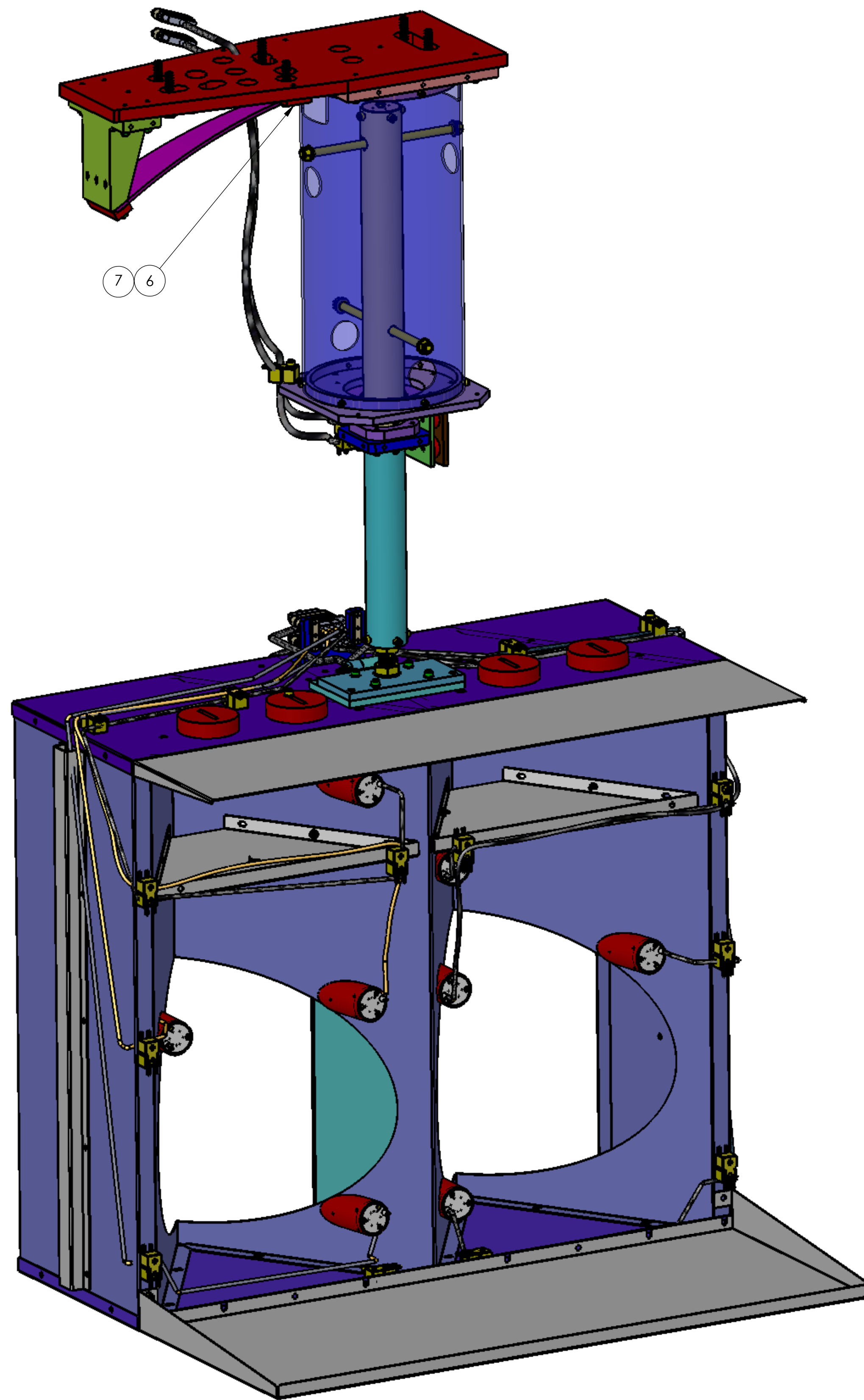


NOTES CONTINUED:

REV.	DATE	DCN #	DRAWING TREE #
v1	20 OCT 2010	E1000285	E1000674



ISO FRONT VIEW



ISO BACK VIEW

PART NUMBER	NEXT SUB-ASSY	CHAMBER	TOP LEVEL
D0901376	D1002383	BSC9-H1	D0901150
D0901376	D1002277	BSC10-H1	D0901154
D0901376	D1001121	BSC7-H2	D0900405
D0901376	D1001122	BSC8-H2	D0900360

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
17	D1003111	SLC PHOTODETECTOR CABLE LOWER ASSY	N/A	2		2
16	D1003117	SLC PHOTODETECTOR CABLE UPPER ASSY	N/A	2		2
15	D1001346-1	αLIGO, HAM2-H1, ASSEMBLY, CABLE MOUNT	N/A	1		1
14	D0900004	UHV COMPATIBLE CABLE CLAMP	PEEK	30	4	34
13	N-7510-A	HEX NUT # 3/4-10, UC COMP	Ag 18-8 SSSL	2	1	3
12	D1001186	SCREW #3/4-10 X 4, McMaster 92240A849	18-8 SSSL	1		1
11	92240A632	HEX HD SCREW # 3/8-16X 2, McMaster	18-8 SSSL	6	2	8
10	N-2520-A	HEX NUT, 1/4-20, UC COMP	Ag 18-8 SSSL	19	10	29
9	92200A544	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 1.25 LONG, McMaster	300 SSSL	19	10	29
8	90313A203	WASHER, FLAT, 1/4, McMaster	18-8 SSSL	38	10	48
7	93852A104	WASHER #3/8, McMaster	18-8 SSSL	6	2	8
6	D1001700	SLC INTERFACE MOUNTING CLAMP	304 SSSL	6		6
5	98017A220	WASHER #3/4, McMaster	300 SSSL	2	1	3
4	D1001826	SLC ACB BALANCING WEIGHT	304 SSSL	4		4
3	D1002173	ARM CAVITY BAFFLE HINGE ASSY	N/A	1		1
2	D1000977	ARM CAVITY BAFFLE BOX ASSY	N/A	1		1
1	D1001011	ARM CAVITY BAFFLE ASSY	N/A	1		1

PARTS LIST

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 MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
DIMENSIONS ARE IN INCHES	
TOLERANCES:	
.XX ±	
.XXX ±	
ANGULAR ± °	
MATERIAL	N/A
FINISH	N/A

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	ADVANCED LIGO
SUB-SYSTEM	AOS
NEXT ASSY	SEE CHART

PART NAME		ARM CAVITY BAFFLE FINAL ASSY	
DESIGNER	N.Nguyen	10 AUG 2010	SIZE
DRAFTER	TG. NGUYEN	20 OCT 2010	DWG. NO.
CHECKER	M. SMITH	10 NOV 2010	D
APPROVAL	D. COYNE	20 NOV 2010	SCALE: 1:8
REV.		v1	
SHEET 1 OF 2		PROJECTION:	

D0901376_A01.LGO_AOS_SLC_ARM_Cavity_Baffle_Final_Assy_PART.PDM.REV.X-112.DRAWING.PDM.REV.X-206

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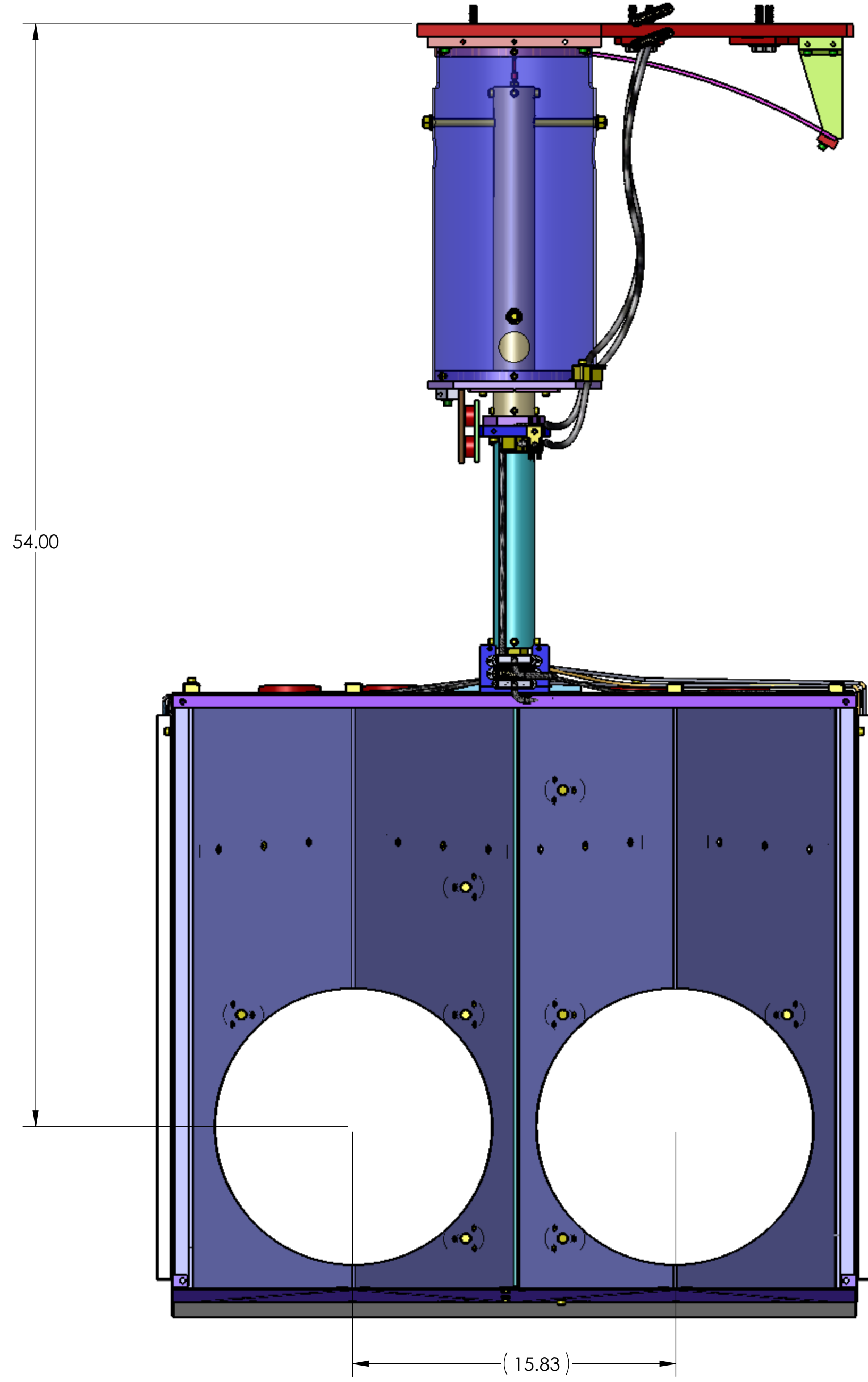
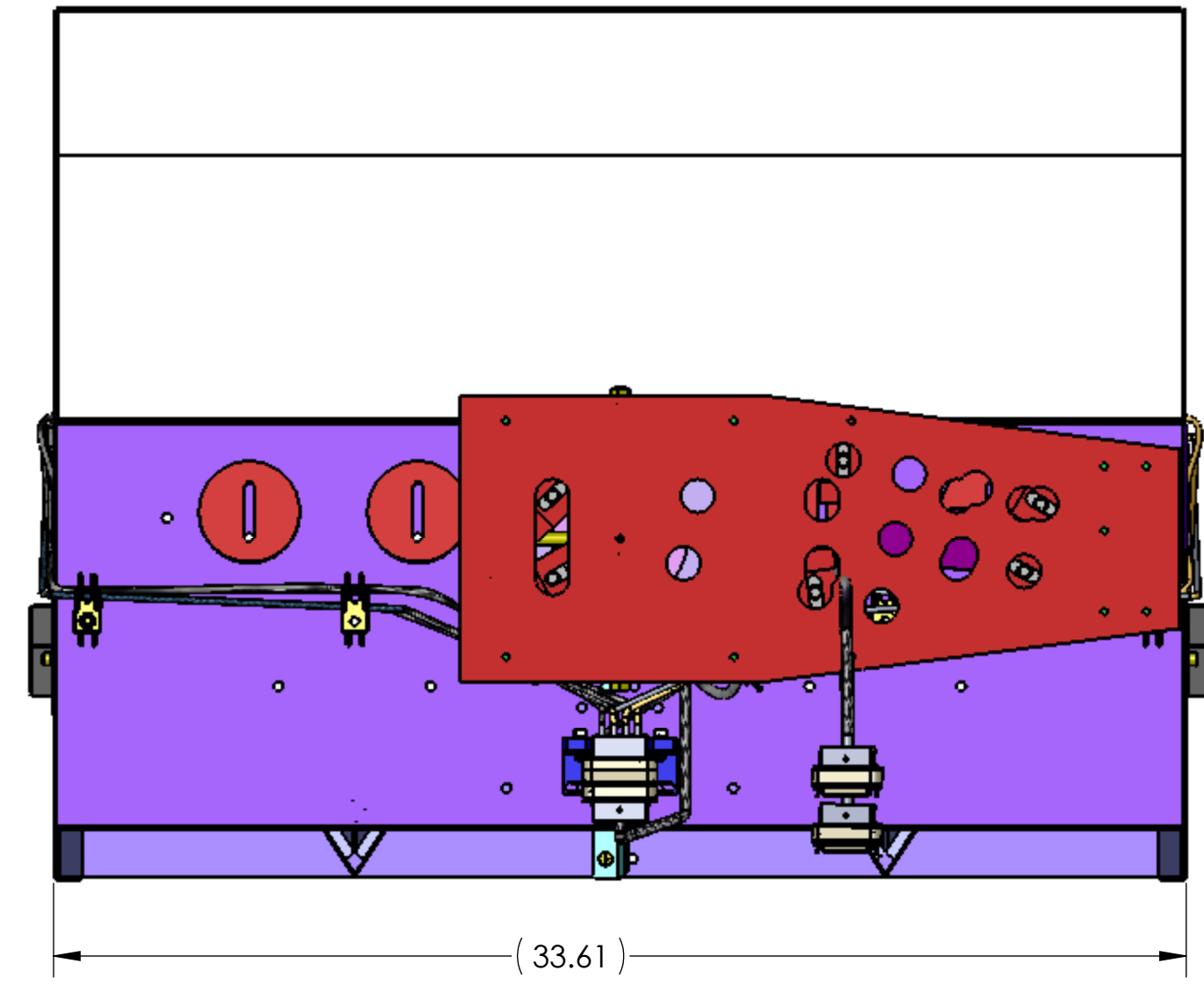
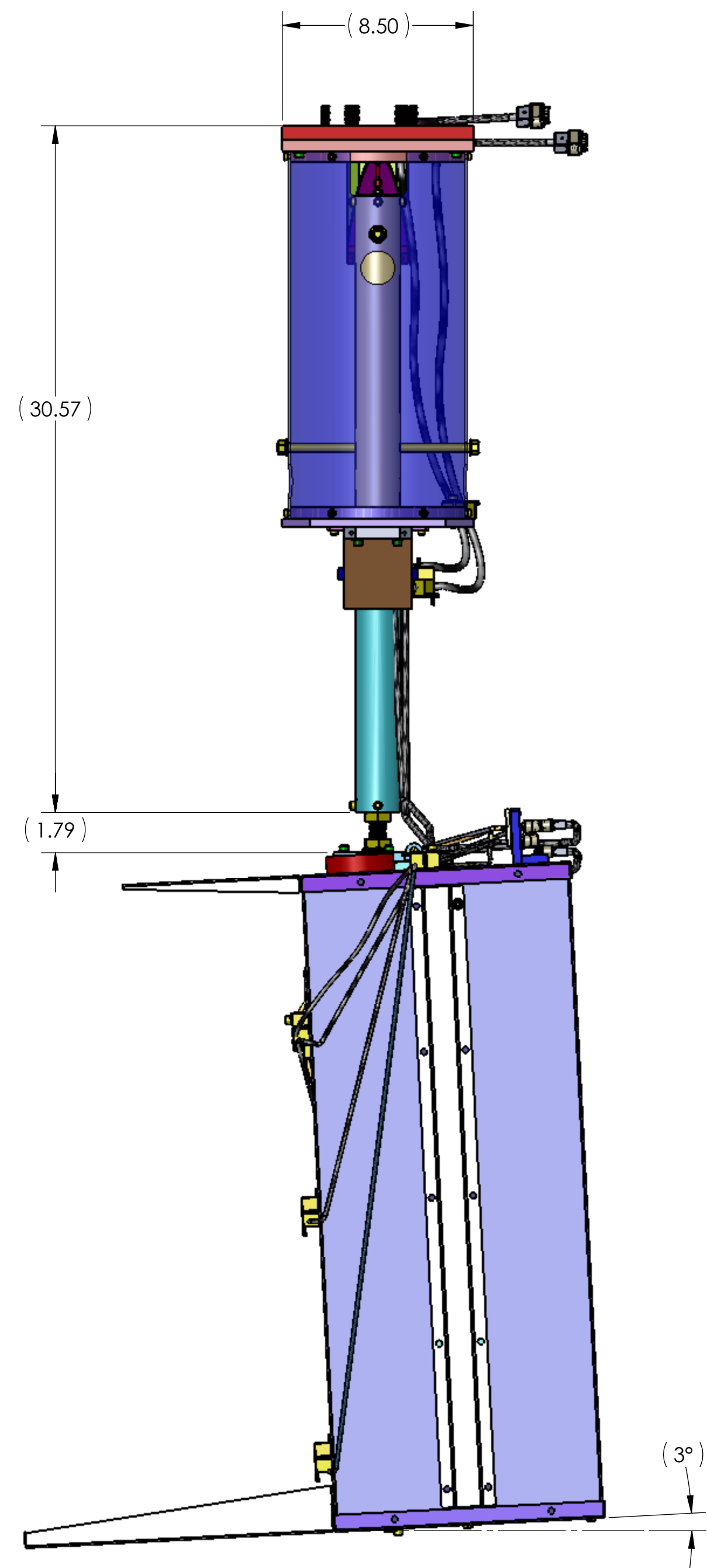
E

D

C

B

A



LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
D D0901376	v1
SCALE: 1:1	PROJECTION: SHEET 2 OF 2

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DD901376_AduIGO_AOS_SLC_ARM_Covily_Bottle_Fitce_Assy_PART_PDM_REV-X-112_DRAWING_PDM_REV-X-036