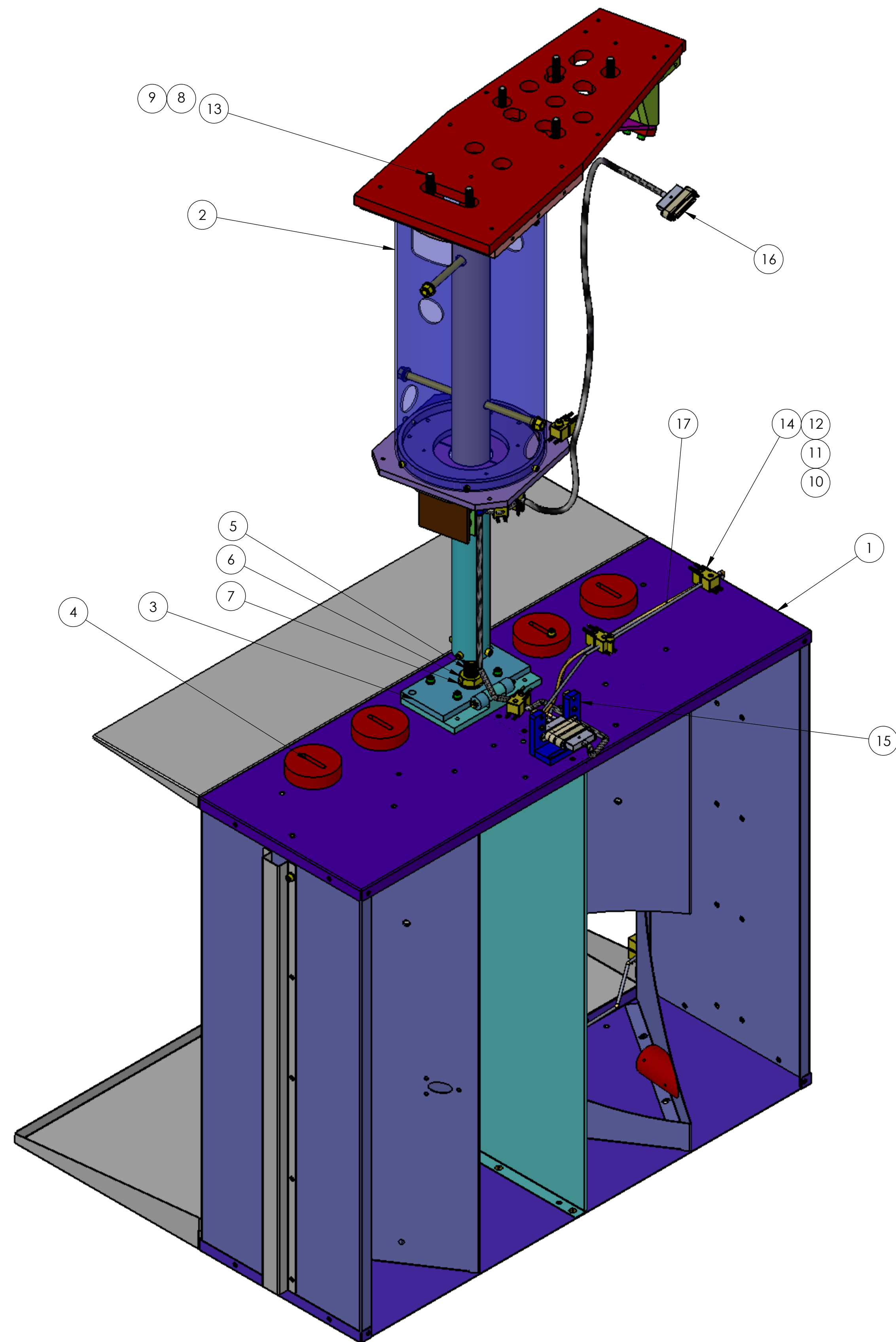


NOTES CONTINUED:

REV.	DATE	DCN #	DRAWING TREE #
v1	14 DEC 2010	E1000868	SEE CHART



PART NUMBER	DESCRIPTION	NEXT SUB-ASSY	CHAMBER	TOP LEVEL	DRAWING TREE
D1002355-01	ACB 1 HOLE RIGHT-QPD	D1003373	BSC1/BSC4-L1	D1003374	E1000877
D1002355-02	ACB 1 HOLE LEFT-QPD	D1003370	BSC3/BSC5-L1	D1003371	E1000878
D1002355-03	ACB 1 HOLE RIGHT NO QPD	D1002384	BSC1-H1	D0901137	E1000879
D1002355-04	ACB 1 HOLE LEFT NO QPD	D1002382	BSC3-H1	D0901146	E1000880

ASSY PART NUMBER	ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
D1002355-01 D1002355-02	17	D1003111	SLC PHOTODETECTOR CABLE LOWER ASSY	N/A	1		1
	16	D1003117	SLC PHOTODETECTOR CABLE UPPER ASSY	N/A	1		1
	15	D1001346-1	gLIGO, HAM2-H1, ASSEMBLY, CABLE MOUNT	N/A	1		1
	14	D0900004	UHV COMPATIBLE CABLE CLAMP	PEEK	30	4	34
D1002355-01 D1002355-02 D1002355-03 D1002355-04	13	92240A632	HEX HD SCREW # 3/8-16X 2, McMASTER	18-8 SSSL	6	2	8
	12	N-2520-A	HEX NUT, 1/4-20, UC COMP	Ag 18-8 SSSL	19	10	29
	11	92200A544	SCREW, SOCKET HEAD CAP, 1/4-20 UNC-2A X 1.25 LONG, McMASTER	300 SSSL	19	9	28
	10	90313A203	WASHER, FLAT, 1/4, McMASTER	18-8 SSSL	38	10	48
	9	93852A104	WASHER #3/8, McMASTER	18-8 SSSL	6	2	8
	8	D1001700	SLC INTERFACE MOUNTING CLAMP	304 SSSL	6		6
	7	98017A220	WASHER #3/4, McMASTER	300 SSSL	2	1	3
	6	N-7510-A	HEX NUT # 3/4-10, UC COMP	Ag 18-8 SSSL	2	1	3
	5	D1001186	SCREW #3/4-10 X 4_McMaster 92240A849	18-8 SSSL	1		1
	4	D1001826	SLC ACB BALANCING WEIGHT	304 SSSL	4		4
	3	D1002173	ARM CAVITY BAFFLE HINGE ASSY	N/A	1		1
	2	D1001011	ARM CAVITY BAFFLE ASSY	N/A	1		1
D1002355-01		D1002356-01	ACB 1 HOLE RIGHT QPD BOX ASSY	N/A	1		1
D1002355-02		D1002356-02	ACB 1 HOLE LEFT QPD BOX ASSY	N/A	1		1
D1002355-03		D1002356-03	ACB 1 HOLE RIGHT NO QPD BOX ASSY	N/A	1		1
D1002355-04		D1002356-04	ACB 1 HOLE LEFT NO QPD BOX 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		PART NAME ARM CAVITY BAFFLE 1 HOLE FINAL ASSY	
SYSTEM	ADVANCED LIGO	SUB-SYSTEM	AOS
DESIGNER	N.Nguyen	10 DEC 2010	SIZE DWG. NO.
DRAFTER	N. NGUYEN	01 DEC 2010	D D1002355
CHECKER	M. SMITH	10 DEC 2010	
APPROVAL	D. COYNE	20 DEC 2010	SCALE: 1:8
NEXT ASSY		SEE CHART	
		PROJECTION:	
		SHEET 1 OF 5	

D1002355_AduLIGO_AOS_SLC_ARM_Cavity_Baffle_1_Hole_Final_Assy_PART_PDM_REV-X019_DRAWING_PDM_REV-X014

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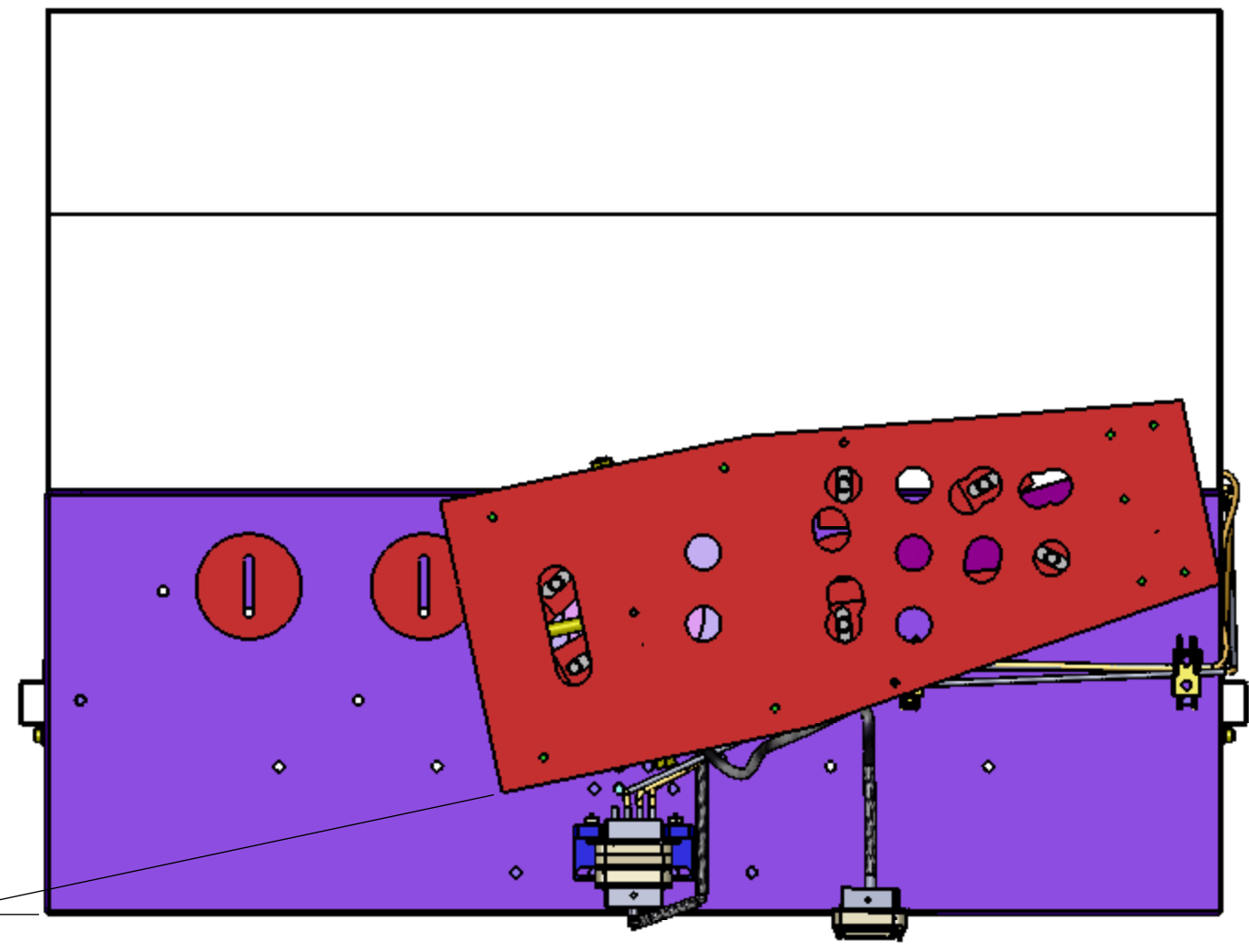
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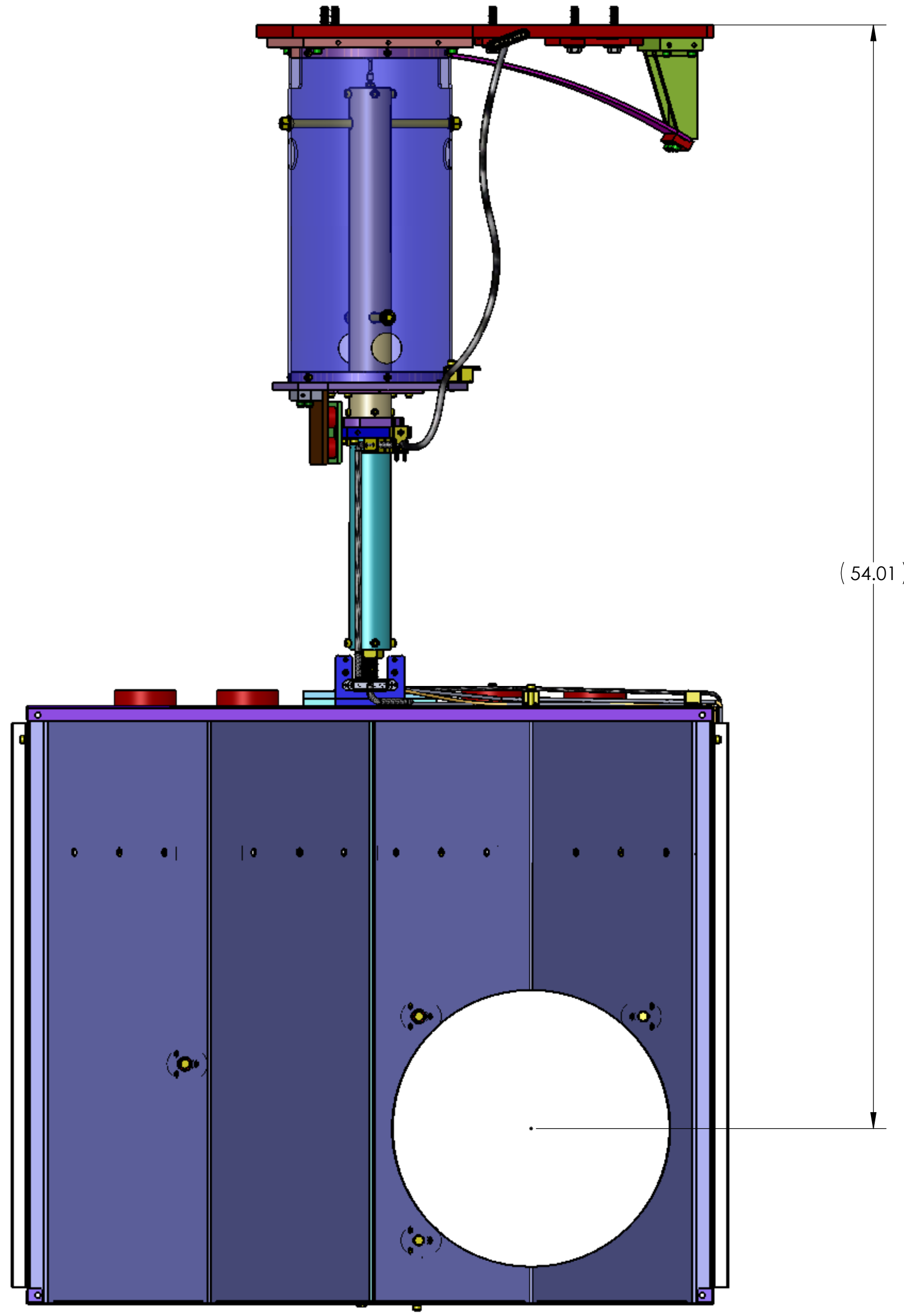
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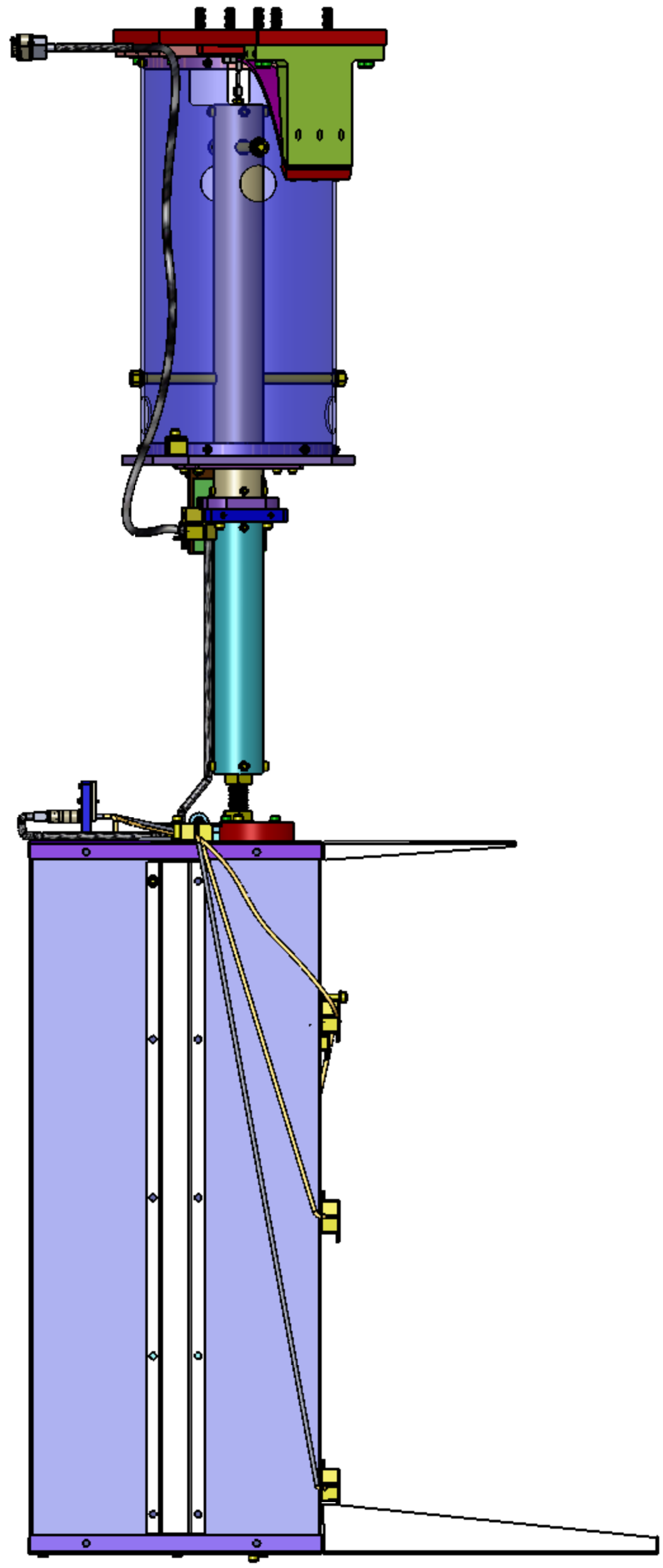



(12°)

**D1002355-01
ACB 1 HOLE RIGHT-QPD**



(54.01)



 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE	DWG. NO.	v1
D	D1002355	
SCALE: 1:5	PROJECTION:	SHEET 2 OF 5

D1002355_AduIGO_AOS_SLC_ARM_Cavity_Baffle_1_Hole_Fiber_Assy_PART_PDM_REV-X.019_DRAWING_PDM_REV-X.014

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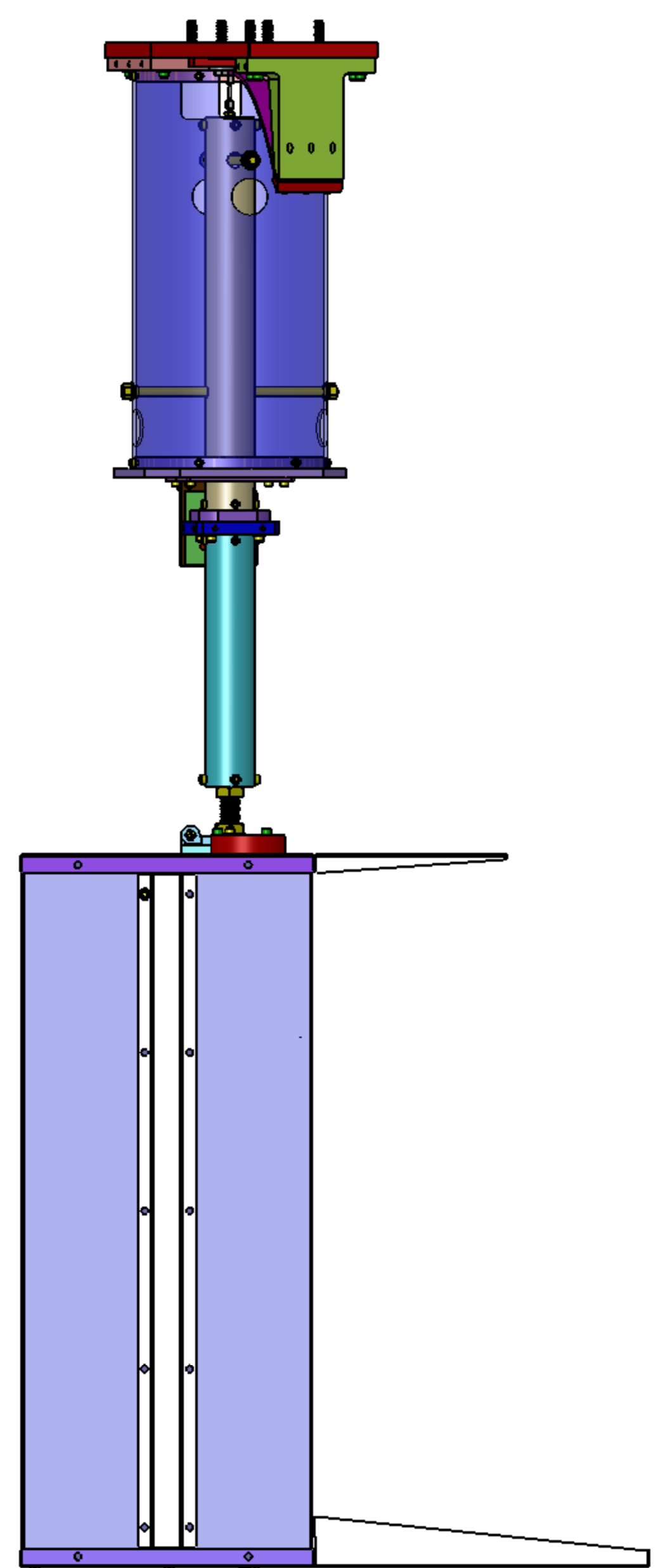
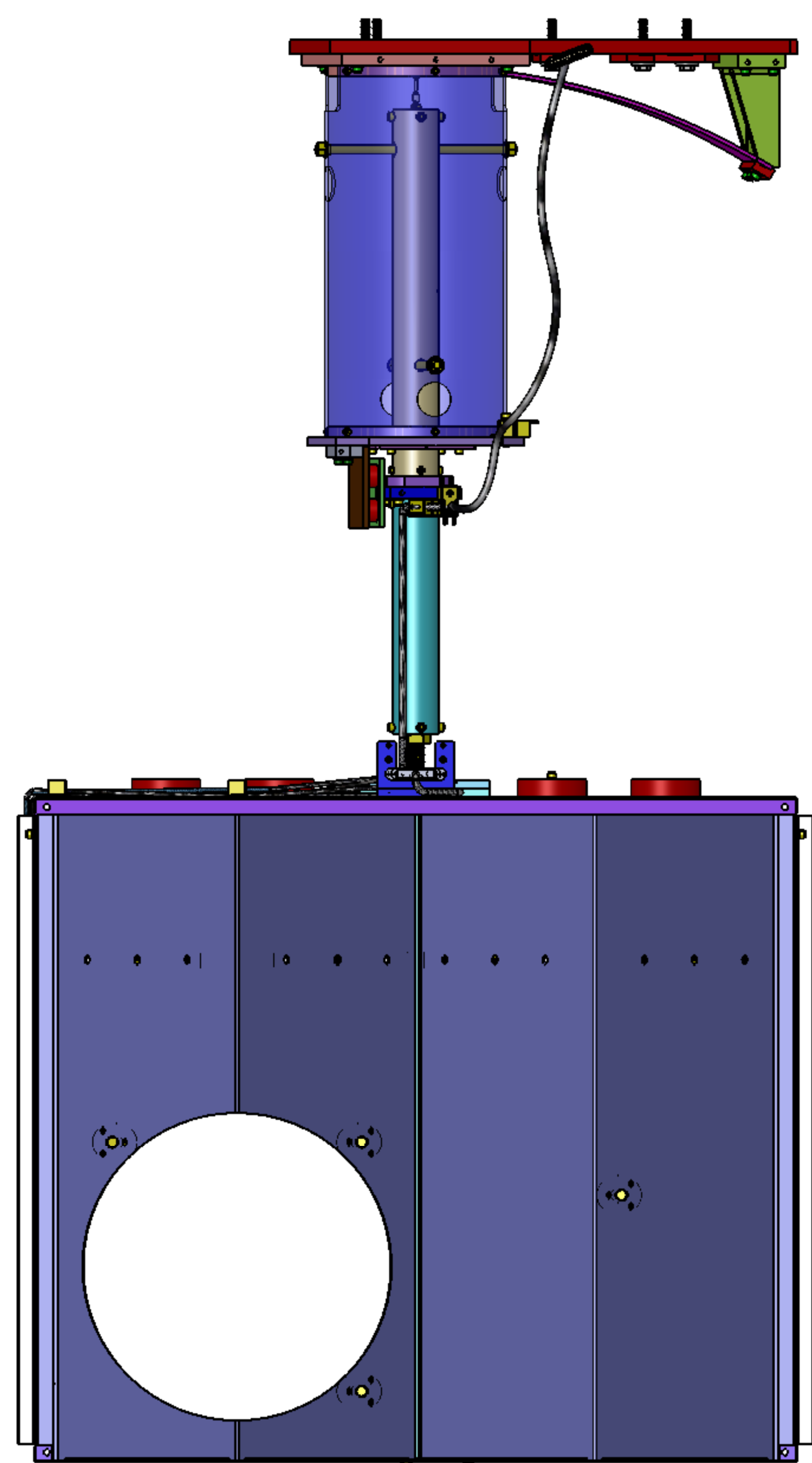
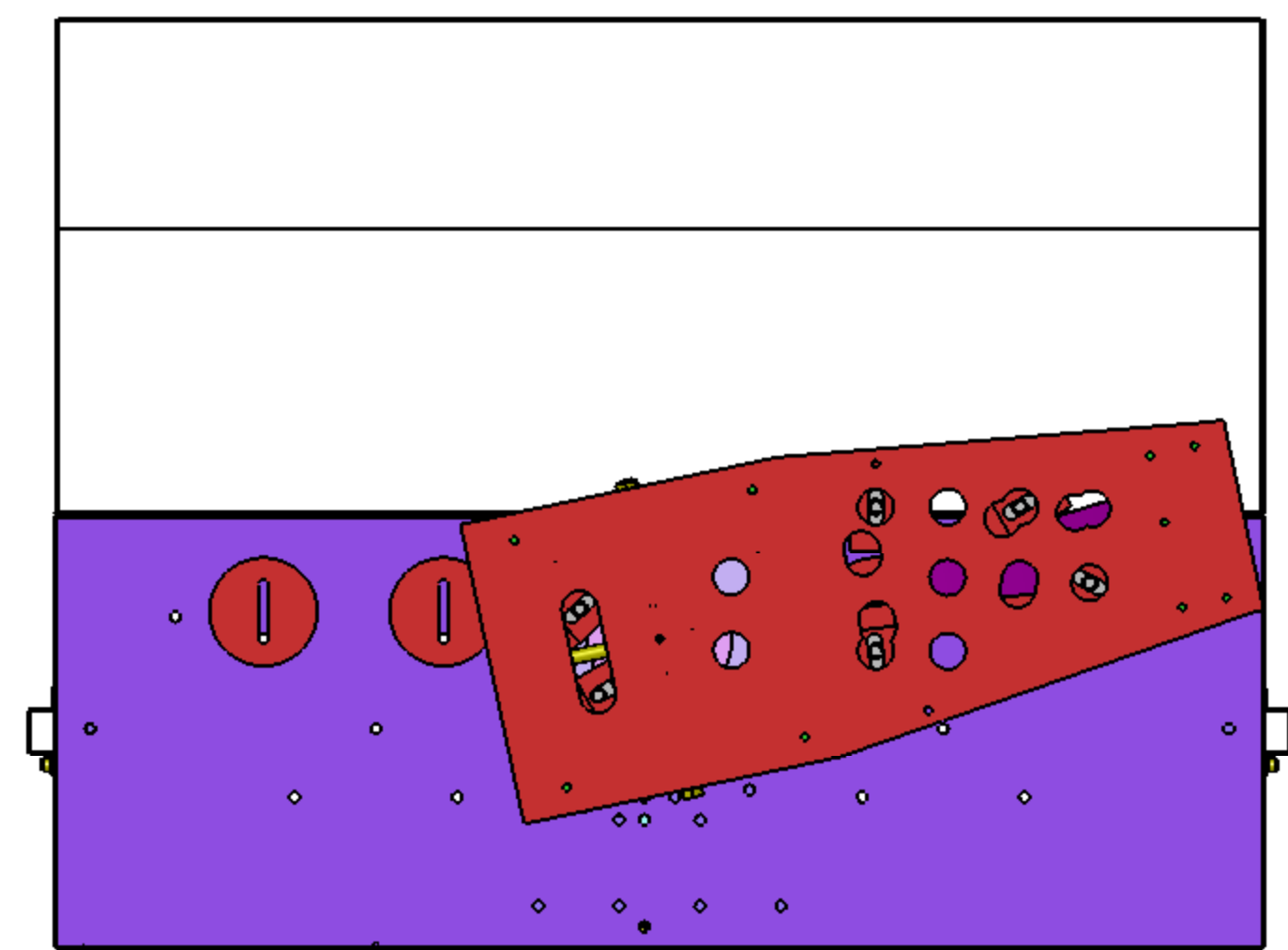
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D1002355-02
ACB 1 HOLE LEFT-QPD

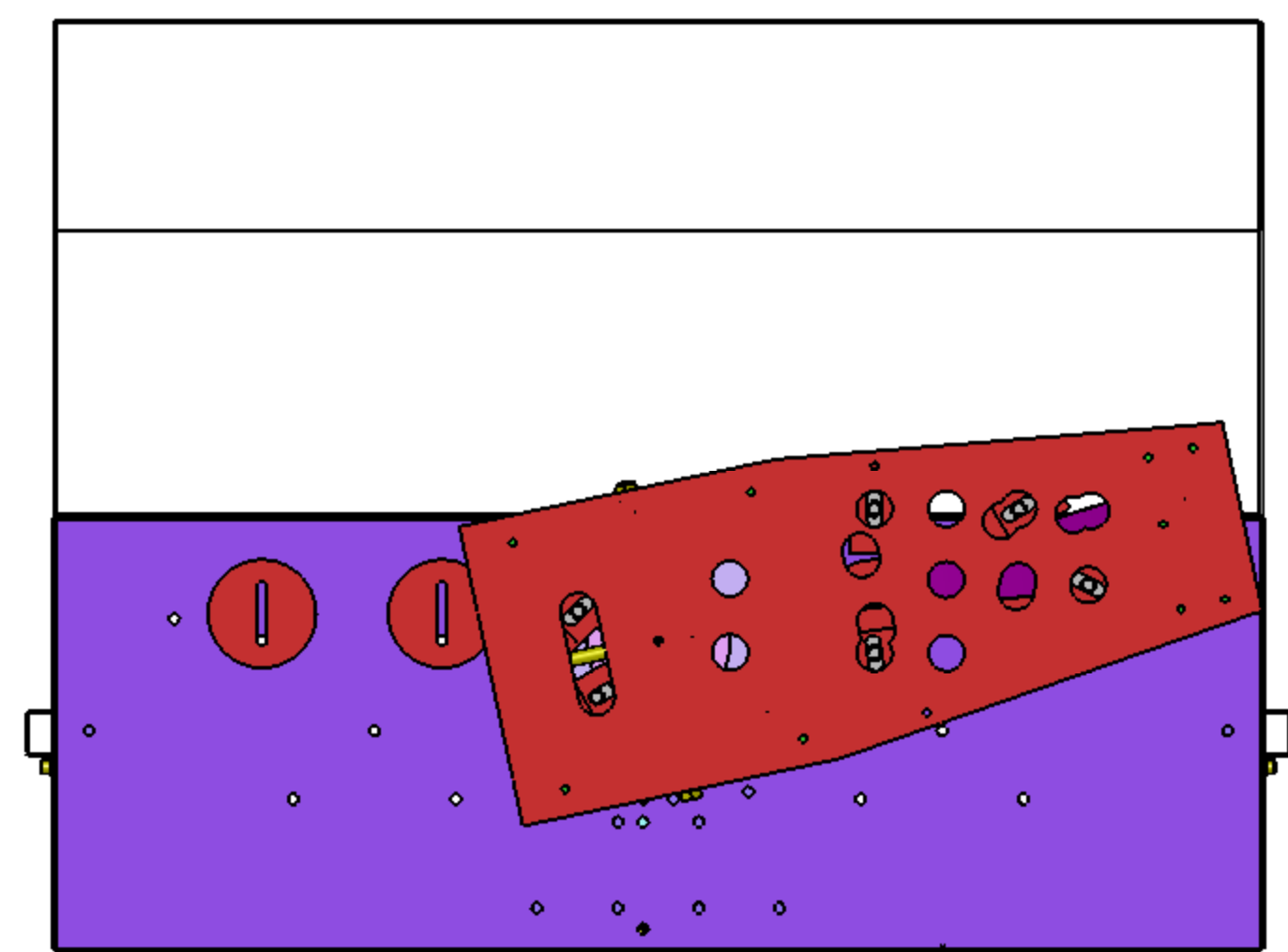


 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE	DWG. NO.	v1
D	D1002355	
SCALE: 1:5	PROJECTION:	SHEET 3 OF 5

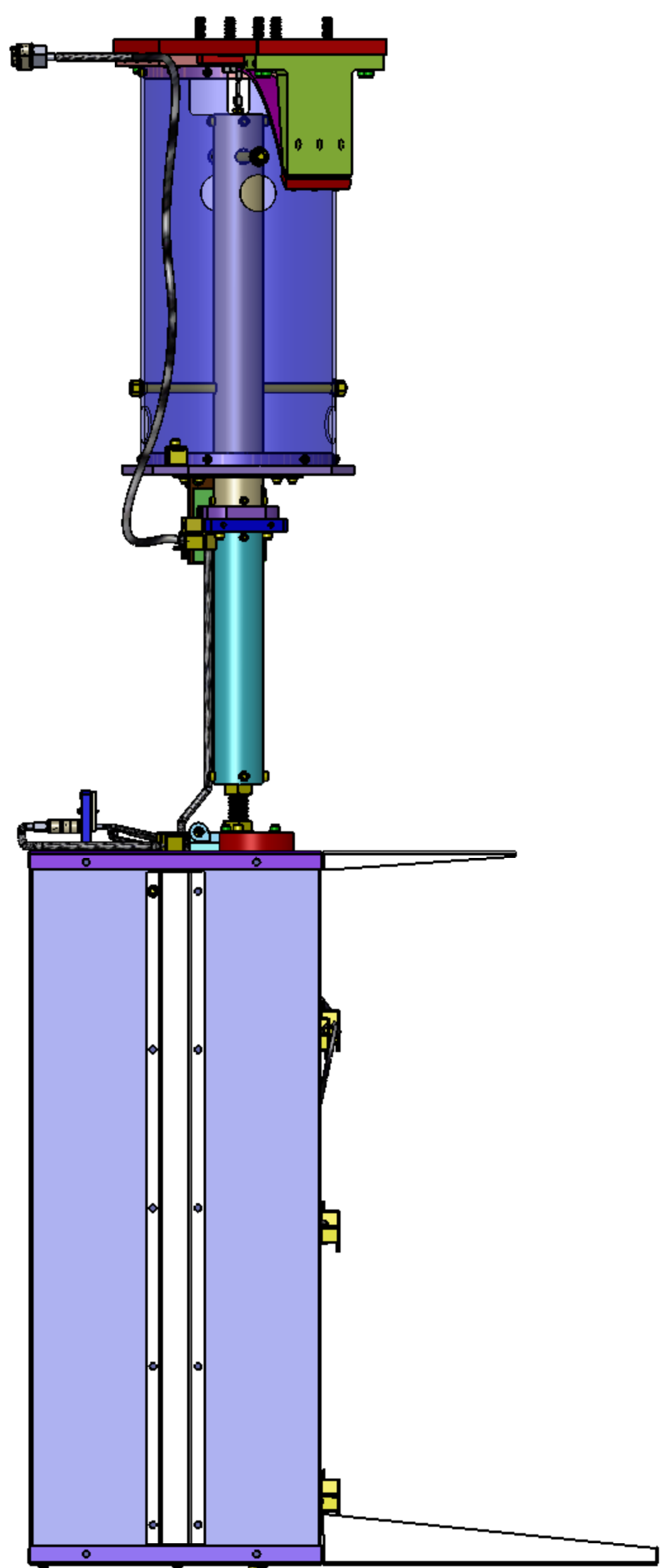
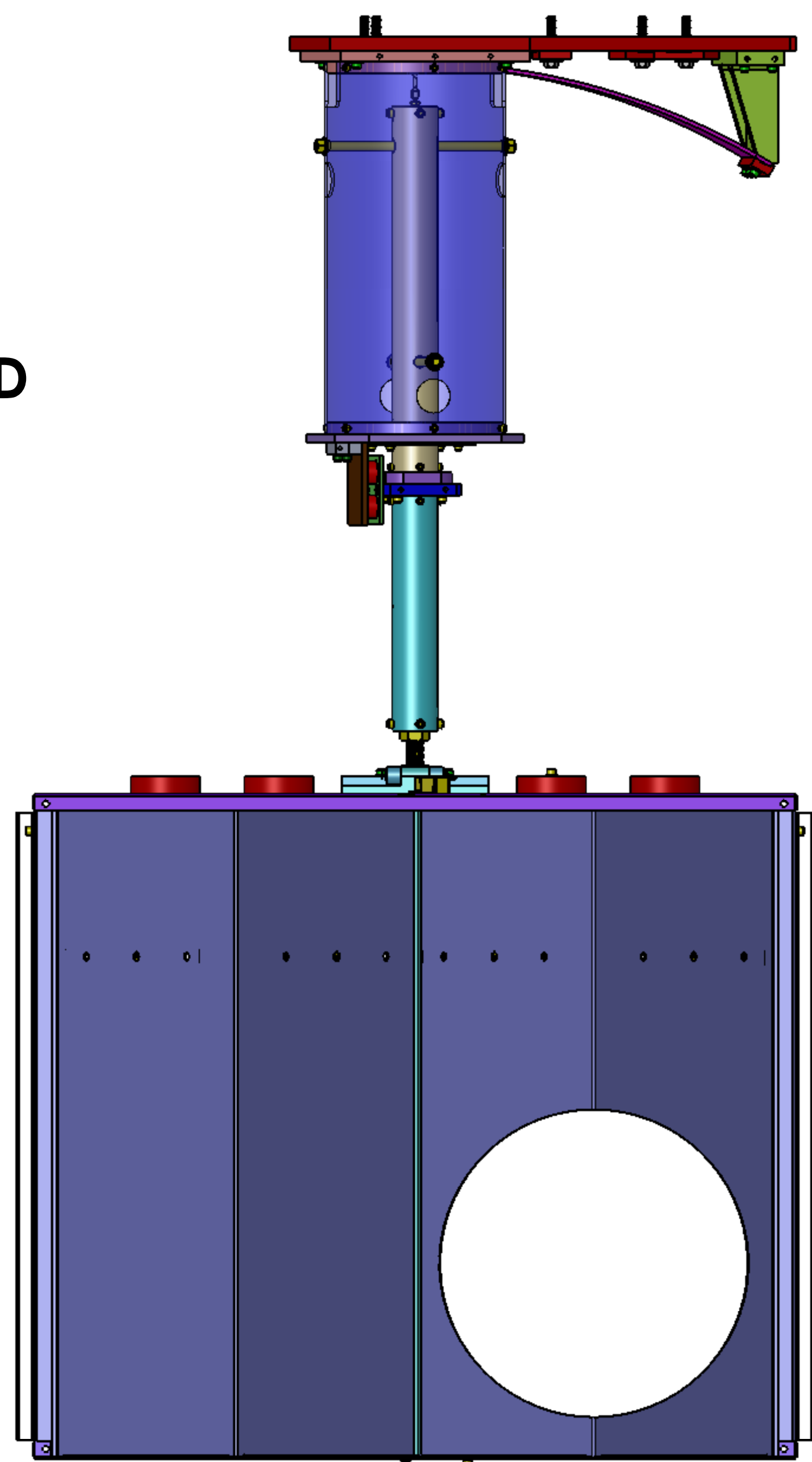
D:\002355_Adu\GO_ACS_SLC_ARM_Cavity_Baffle_1 Hole Final Assy_PART PDM\REV-X-019_DRAWING_PDM\REV-X-014

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D1002355-03
ACB 1 HOLE RIGHT-NO QPD



 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE	DWG. NO.	REV.
D	D1002355	v1
SCALE: 1:12	PROJECTION:	SHEET 4 OF 5

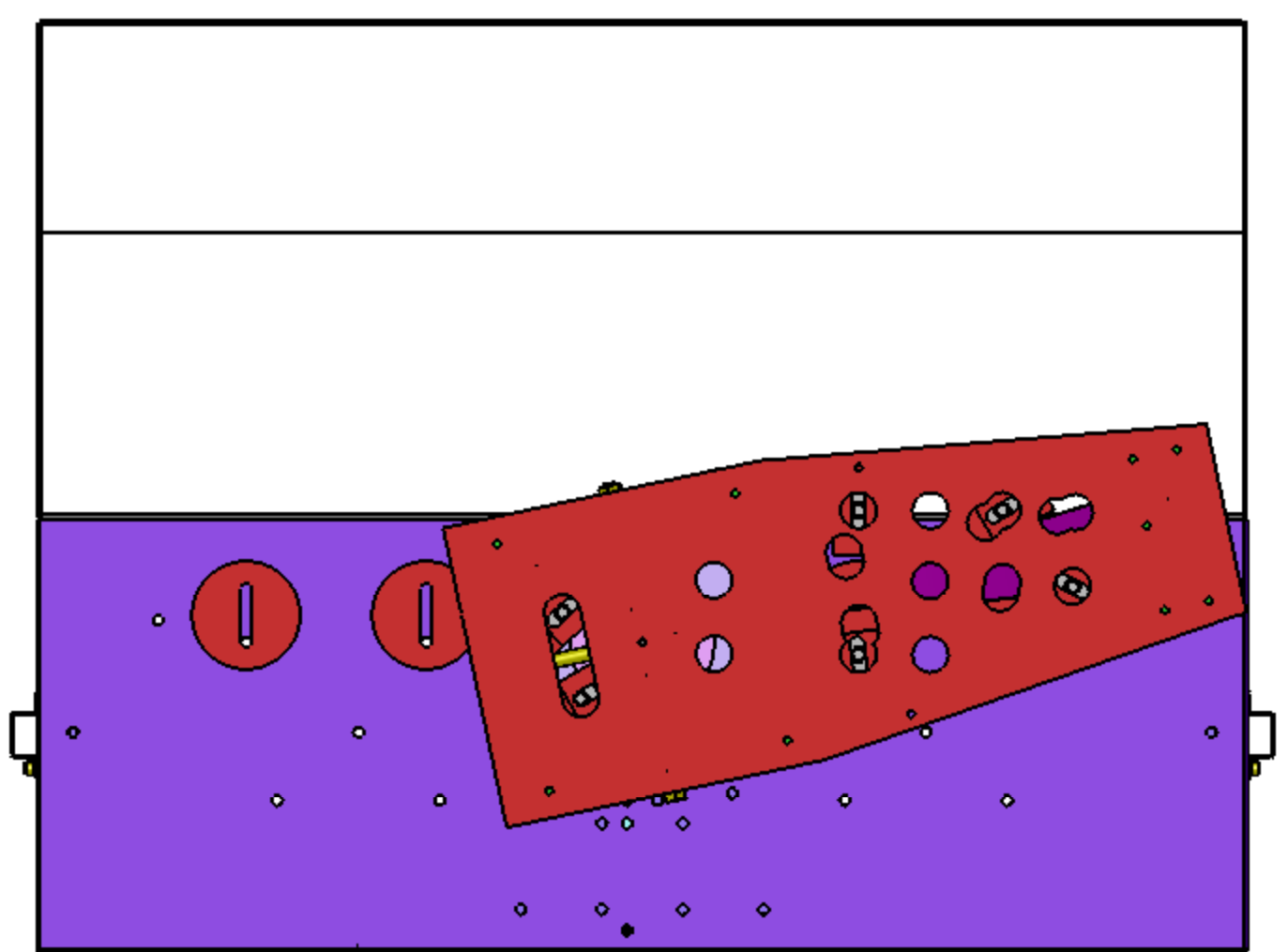
8 7 6 5 4 3 2 1

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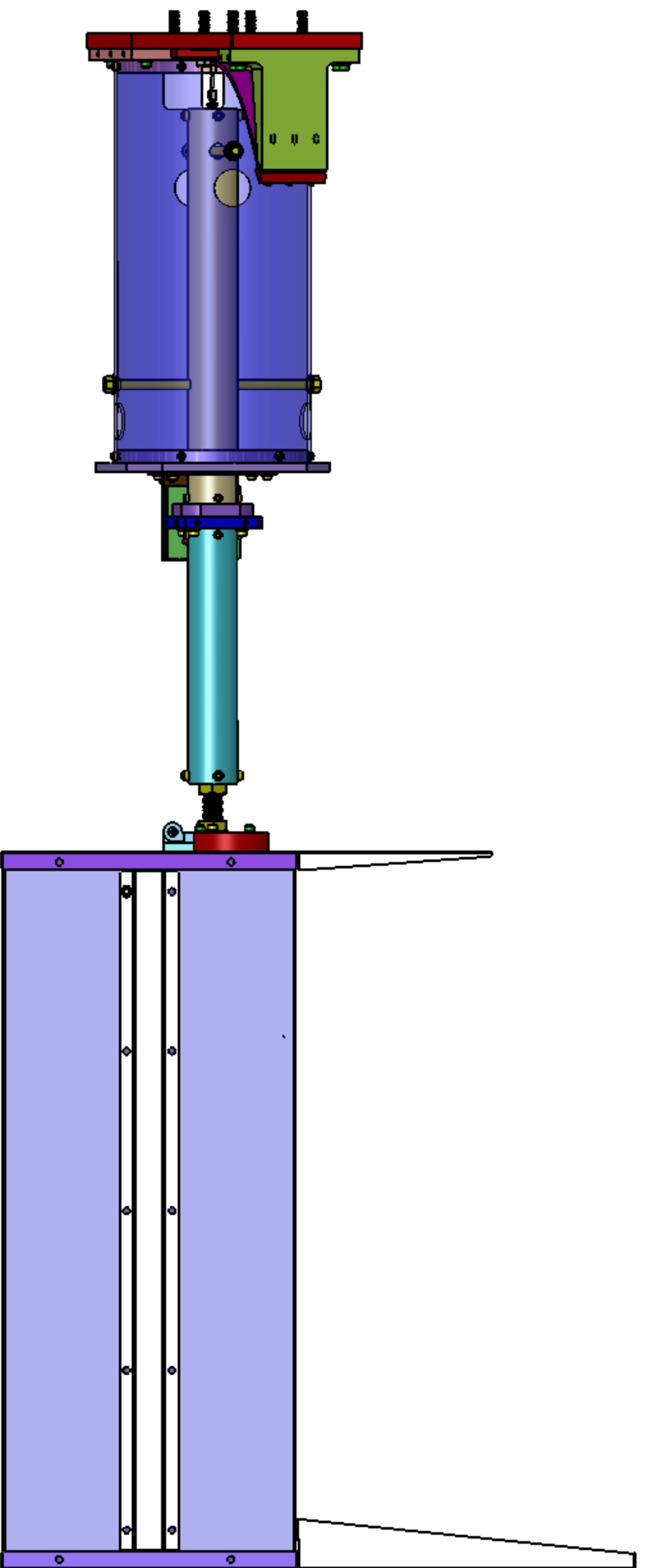
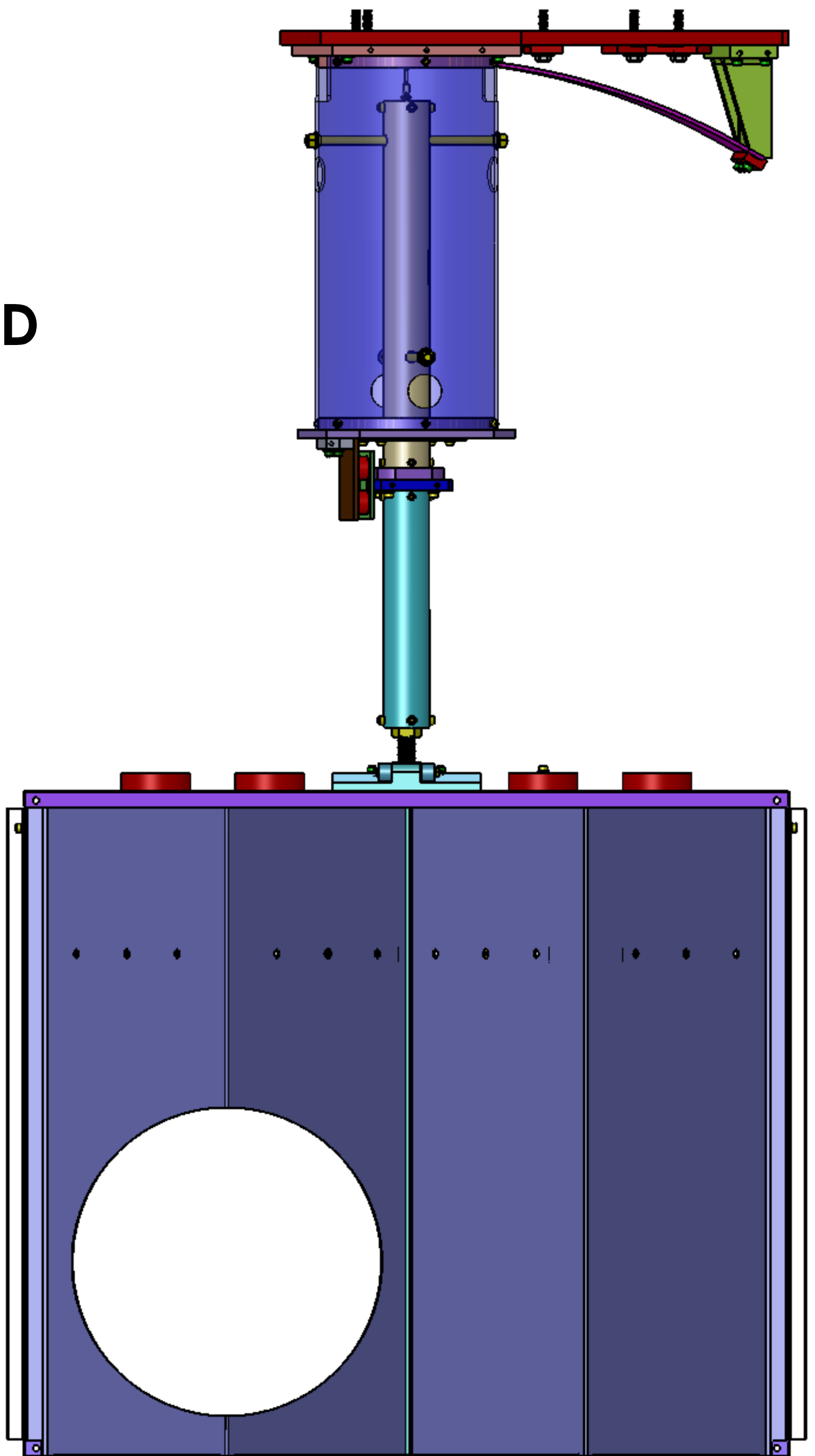
D:\002355_Adu\GO_ACS_SLC_ARM_Cavity_Bottle_1 Hole_Final_Assy_PART_PDM_REV-X-019_DRAWING_PDM_REV-X-014


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D1002355-04
ACB 1 HOLE LEFT-NO QPD



 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		REV.
SIZE	DWG. NO.	v1
D	D1002355	
SCALE: 1:12	PROJECTION:	SHEET 5 OF 5

8 7 6 5 4 3 2 1

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D:\002355_Adu\GO_ACS_SLC_ARM_Cavity_Bottle_1 Hole Final Assy_PART PDM\REV-X-019_DRAWING_PDM\REV-X-014