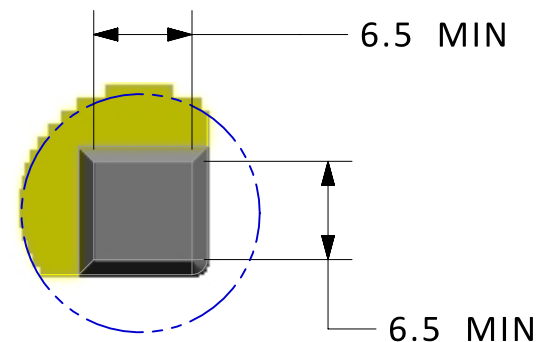
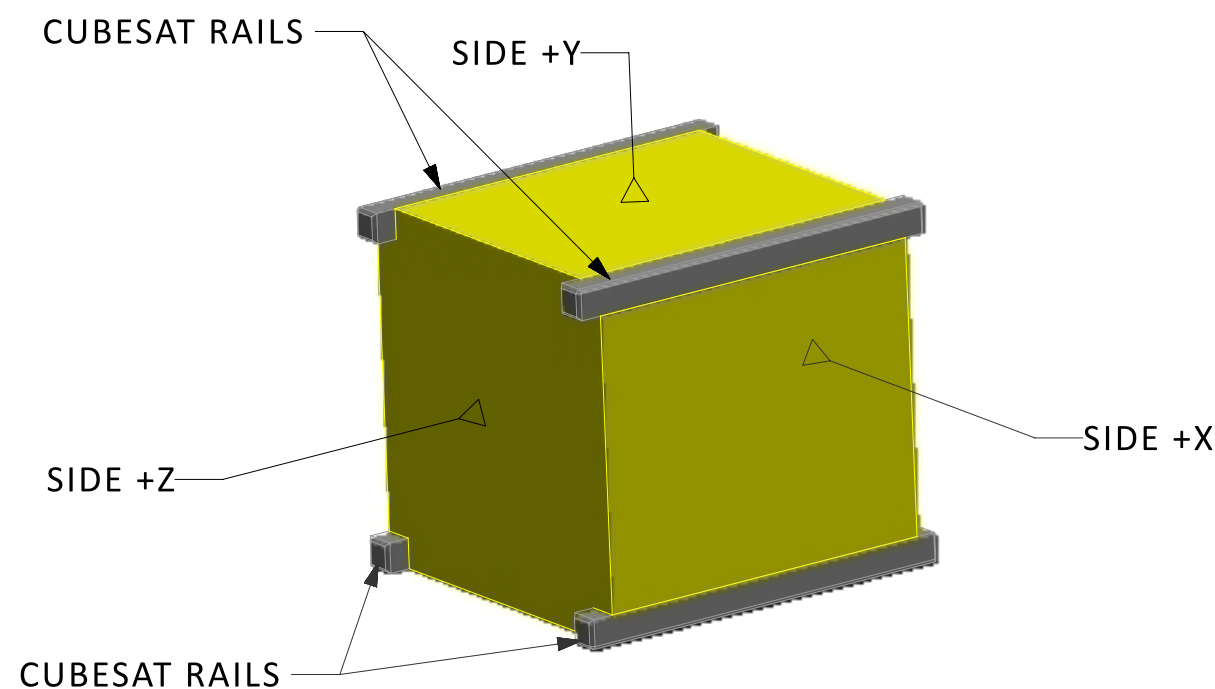
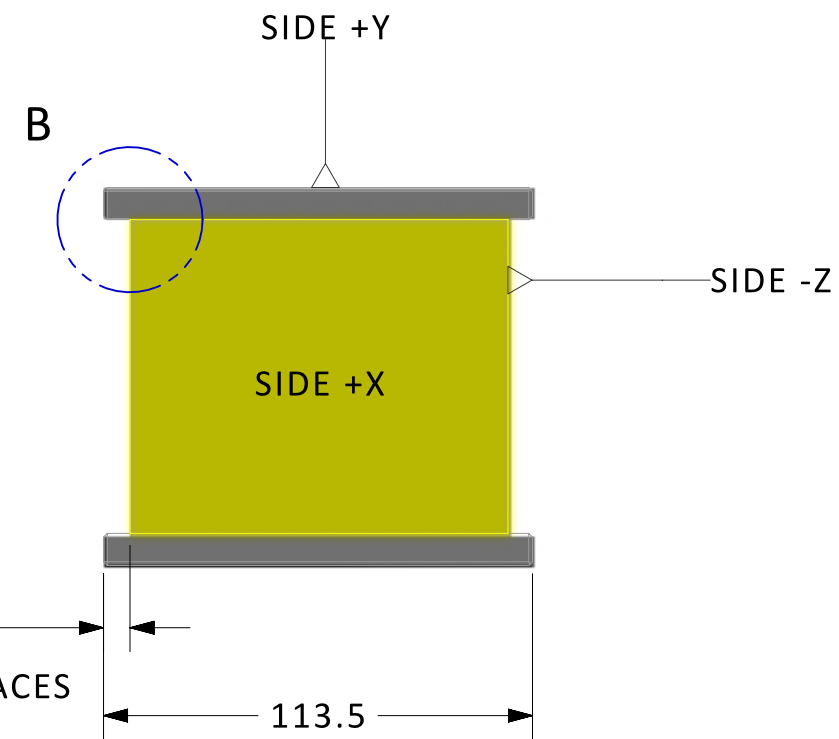


DETAIL B
RAIL WIDTH: DISTANCE TO ALLOWABLE PROTRUSION AREA ON EACH FACE



DETAIL A
STANDOFF CONTACT
DETAIL FOR +Z

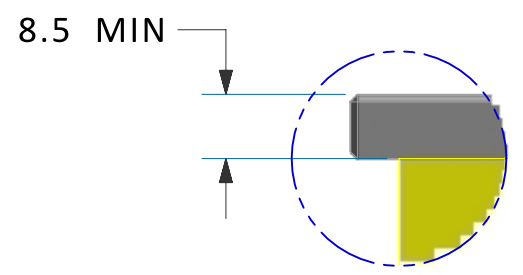
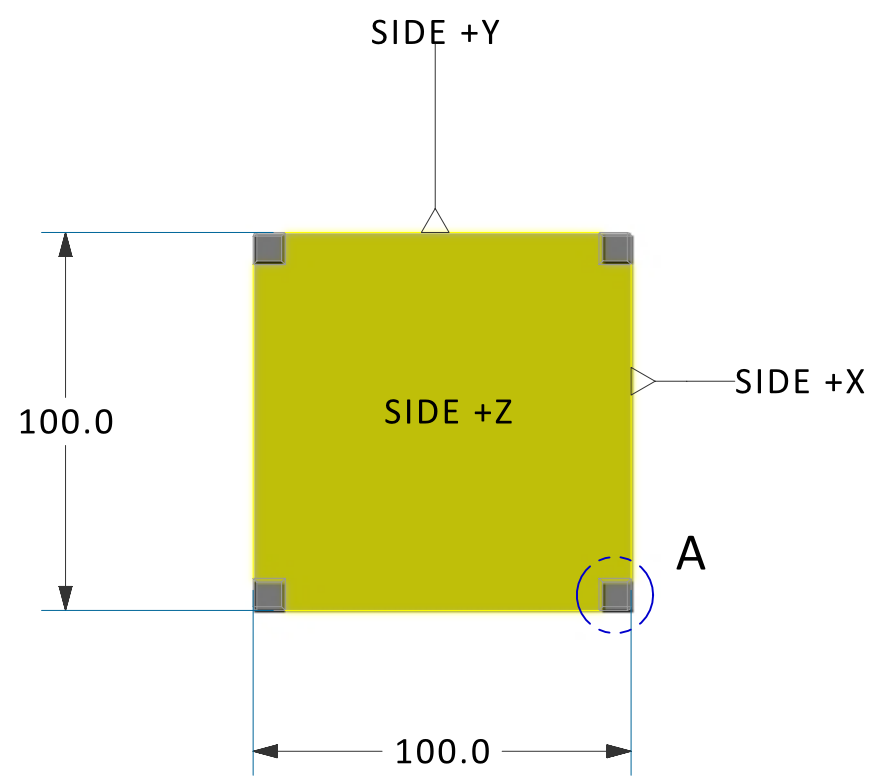
ADDITIONAL NOTES:

- 1) CubeSat coordinate is system located in the geometric center of the CubeSat.
- 2) Protrusions are allowed on the yellow faces.

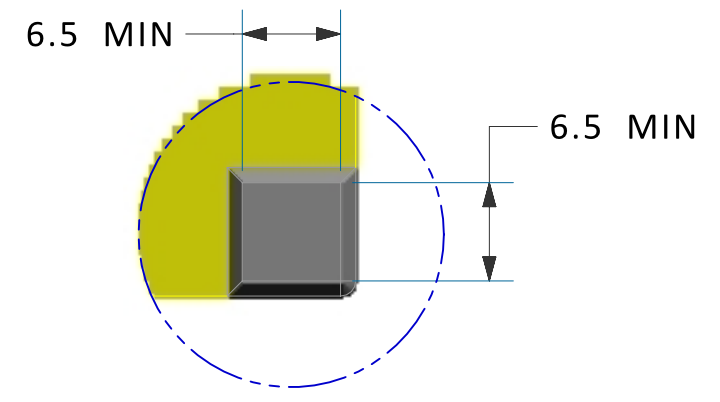
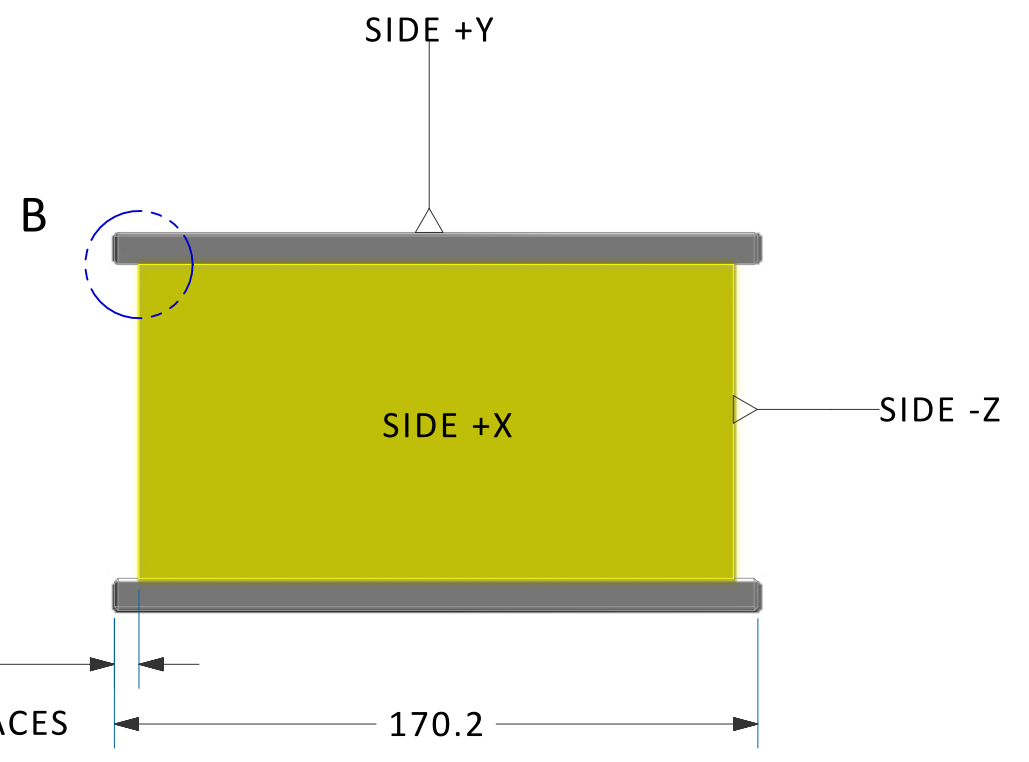
REVISION HISTORY:

PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

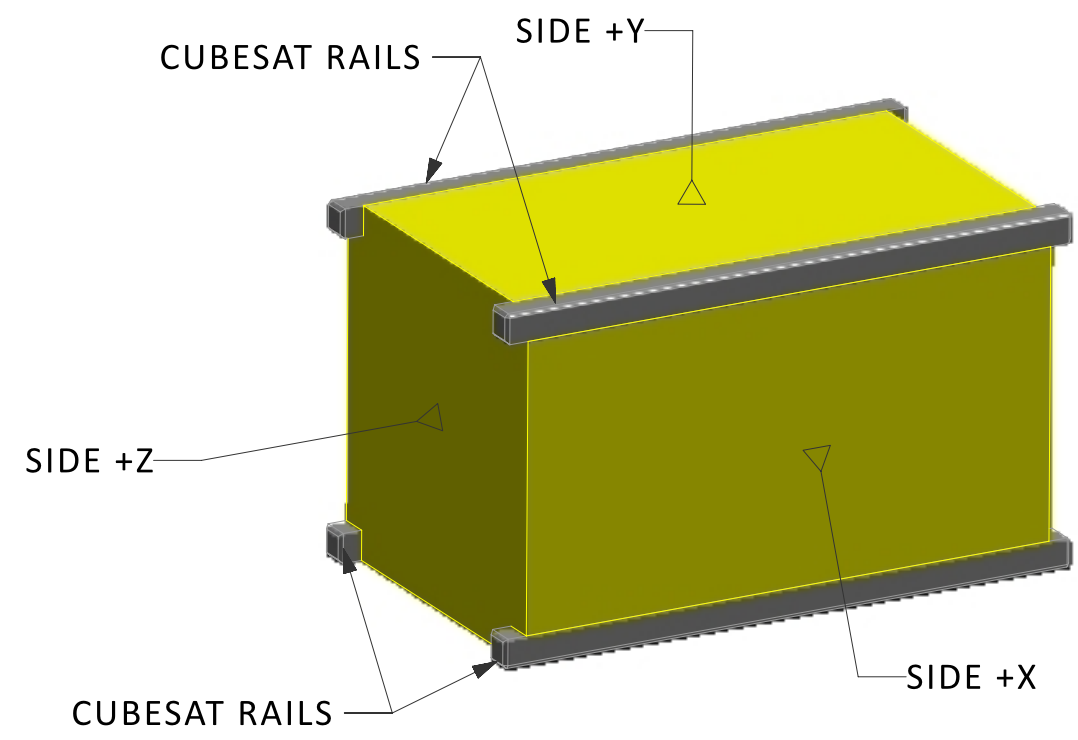
		California Polytechnic State University CubeSat Program (805) 756-5087 San Luis Obispo, CA 93407		
		PART NAME	REV	
DESIGNED BY		A. MEH	1U CUBESAT	14
DRAWN BY		A.JOH		
CHECKED BY		D.PIG		
APPROVED BY		R.NUG	SIZE	ASSEMBLY
DRAWING #		CDS-14-001	B	CUBESAT SPECIFICATION
TOLERANCE .X ± 0.1		NOT TO SCALE		DATE: 01/23/2020
ROUND ALL EDGES AND CORNERS		SHEET 1 OF 1		



DETAIL B
RAIL WIDTH: DISTANCE TO ALLOWABLE PROTRUSION AREA ON EACH FACE



DETAIL A
STANDOFF CONTACT
DETAIL FOR +Z

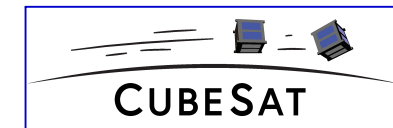


ADDITIONAL NOTES:

- 1) CubeSat coordinate system is located in the geometric center of the CubeSat.
- 2) Protrusions are allowed on the yellow faces.

REVISION HISTORY:

PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

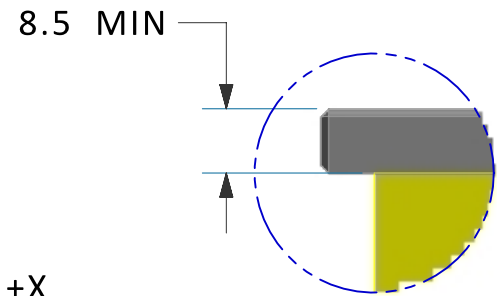
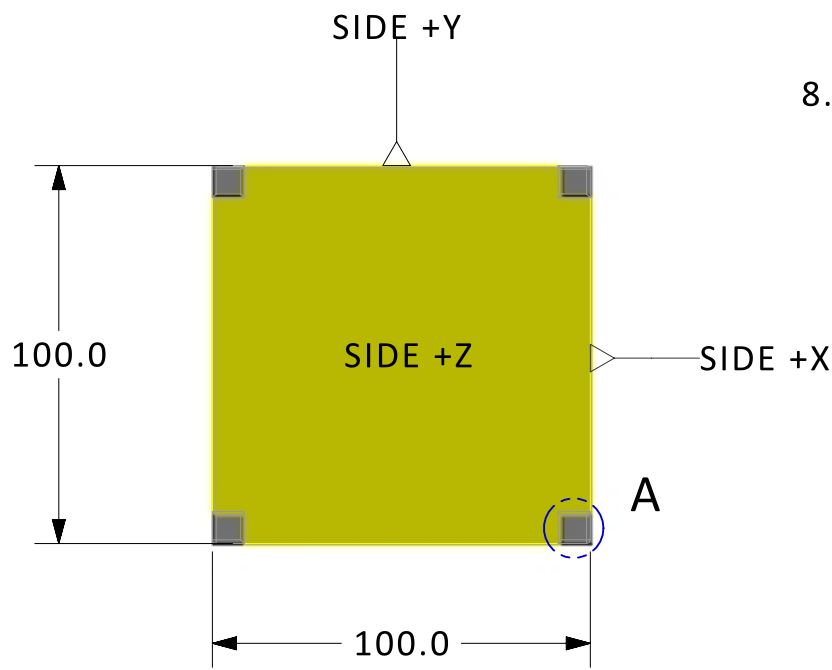


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San Luis Obispo, CA 93407

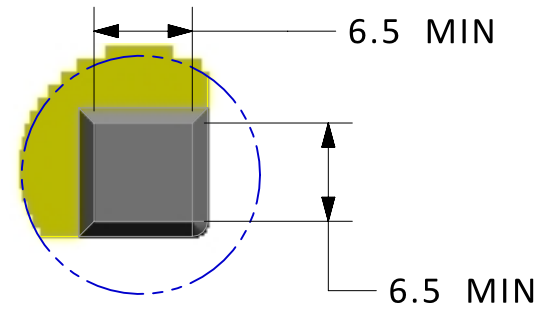
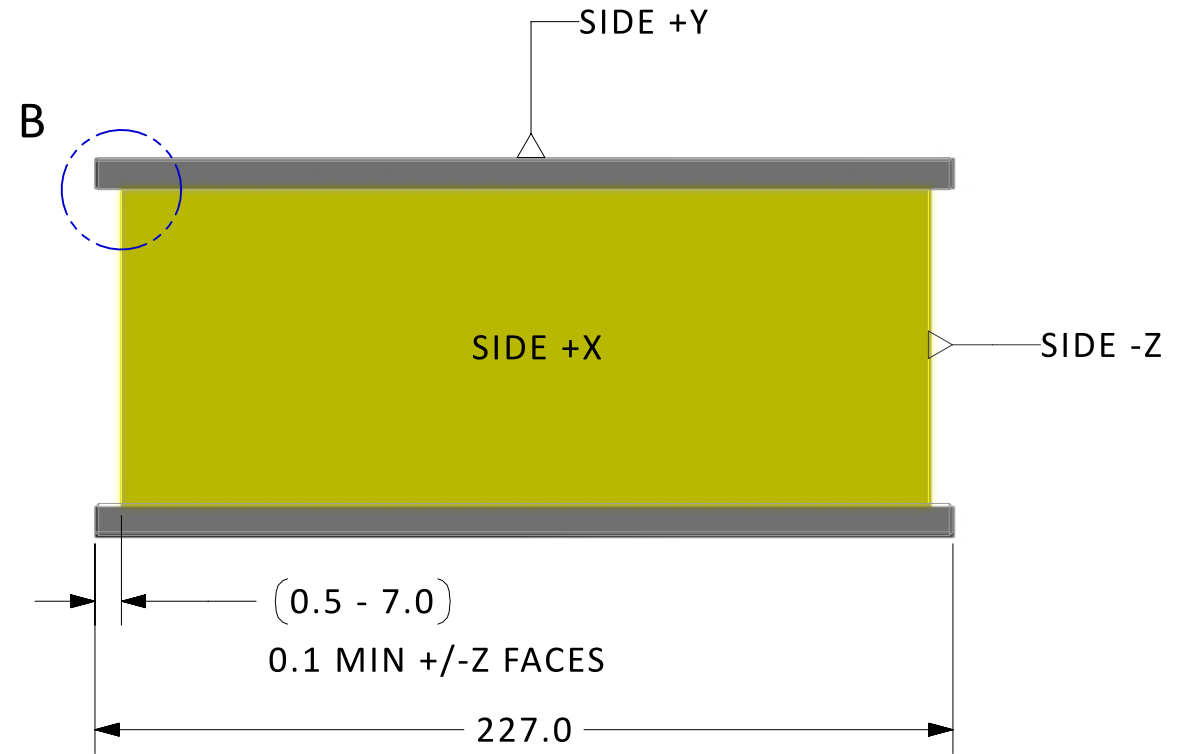
ALL DIMENSIONS IN MILLIMETERS	DESIGNED BY	A.MEH	PART NAME	REV	
	DRAWN BY	A.JOH			1.5U CUBESAT
TOLERANCE .X ± 0.1	CHECKED BY	D.PIG	SIZE	ASSEMBLY	
	APPROVED BY	R.NUG			B
ROUND ALL EDGES AND CORNERS	DRAWING #	CDS-14-002	NOT TO SCALE	DATE: 01/23/2020	SHEET 1 OF 1

1 2 3 4 5 6 7 8

F
E
D
C
B
A



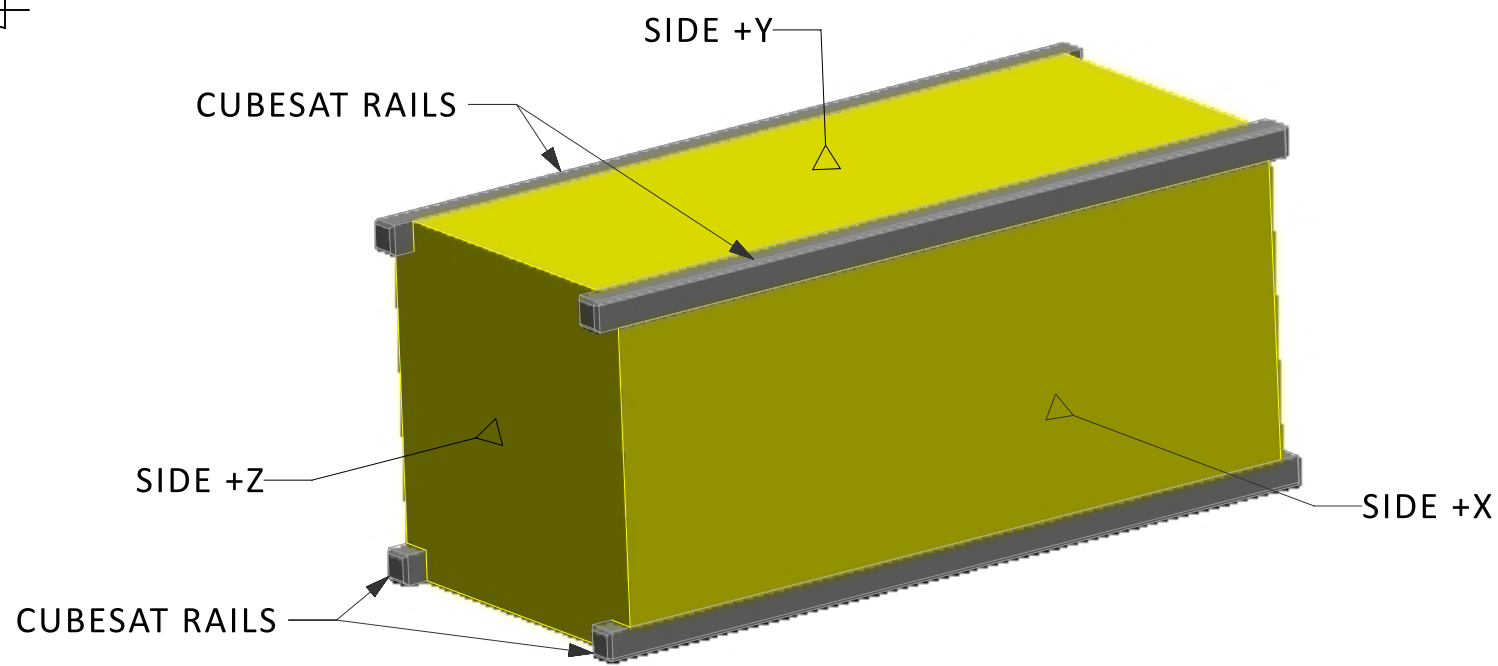
DETAIL B
RAIL WIDTH: DISTANCE TO ALLOWABLE PROTRUSION AREA ON EACH FACE



DETAIL A
STANDOFF CONTACT
DETAIL FOR +Z

ADDITIONAL NOTES:

- 1) CubeSat coordinate system is located in the geometric center of the CubeSat.
- 2) Protrusions are allowed on the yellow faces.

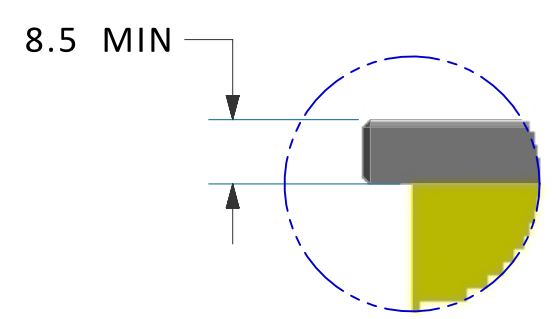
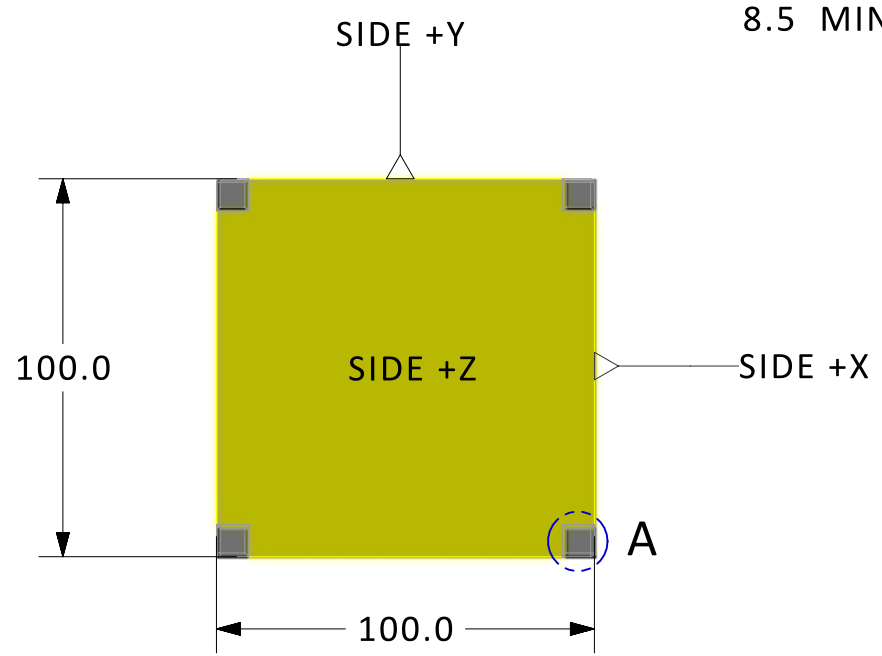


REVISION HISTORY:

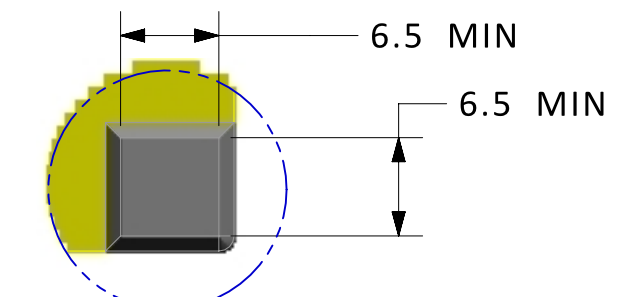
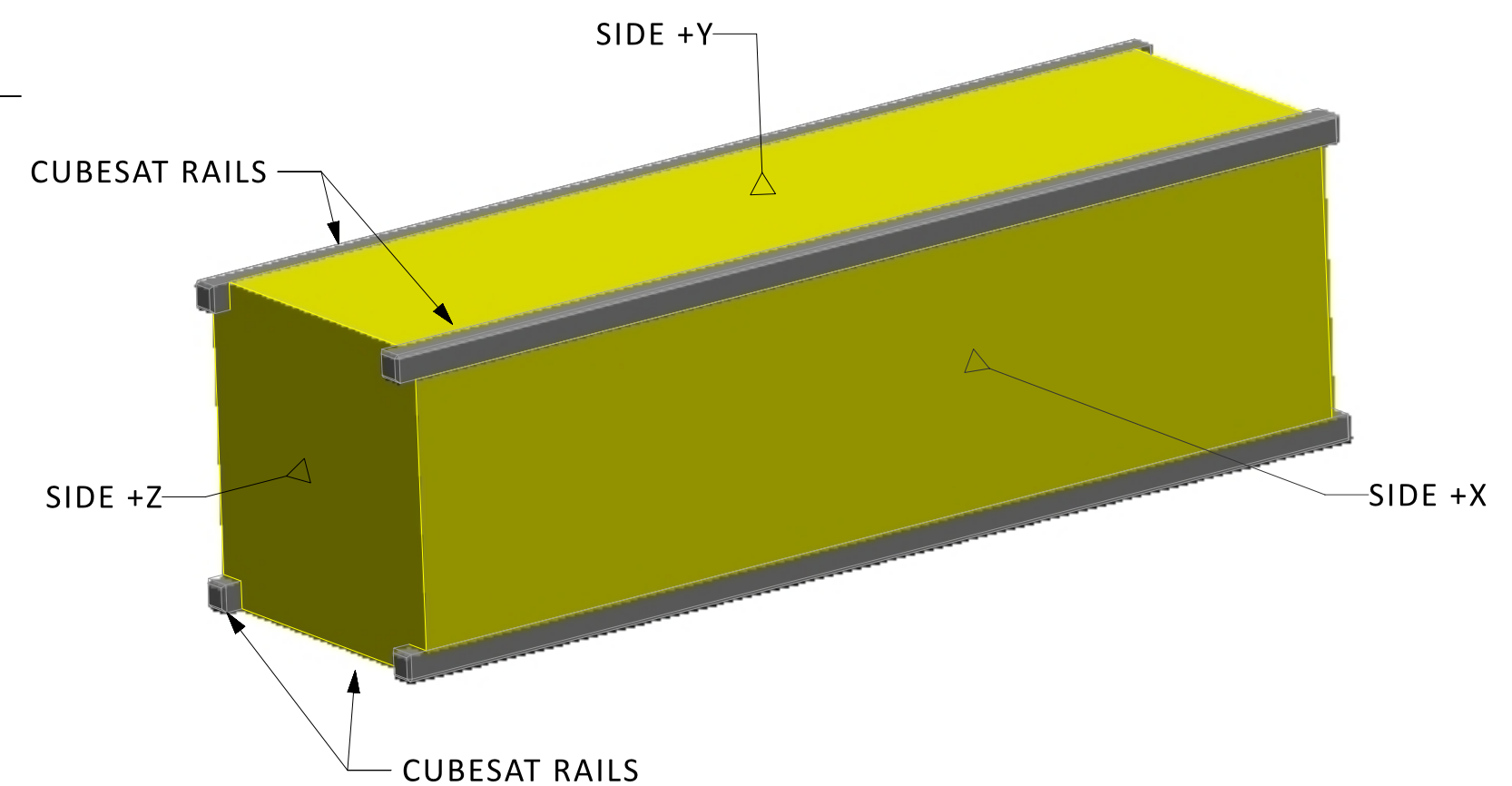
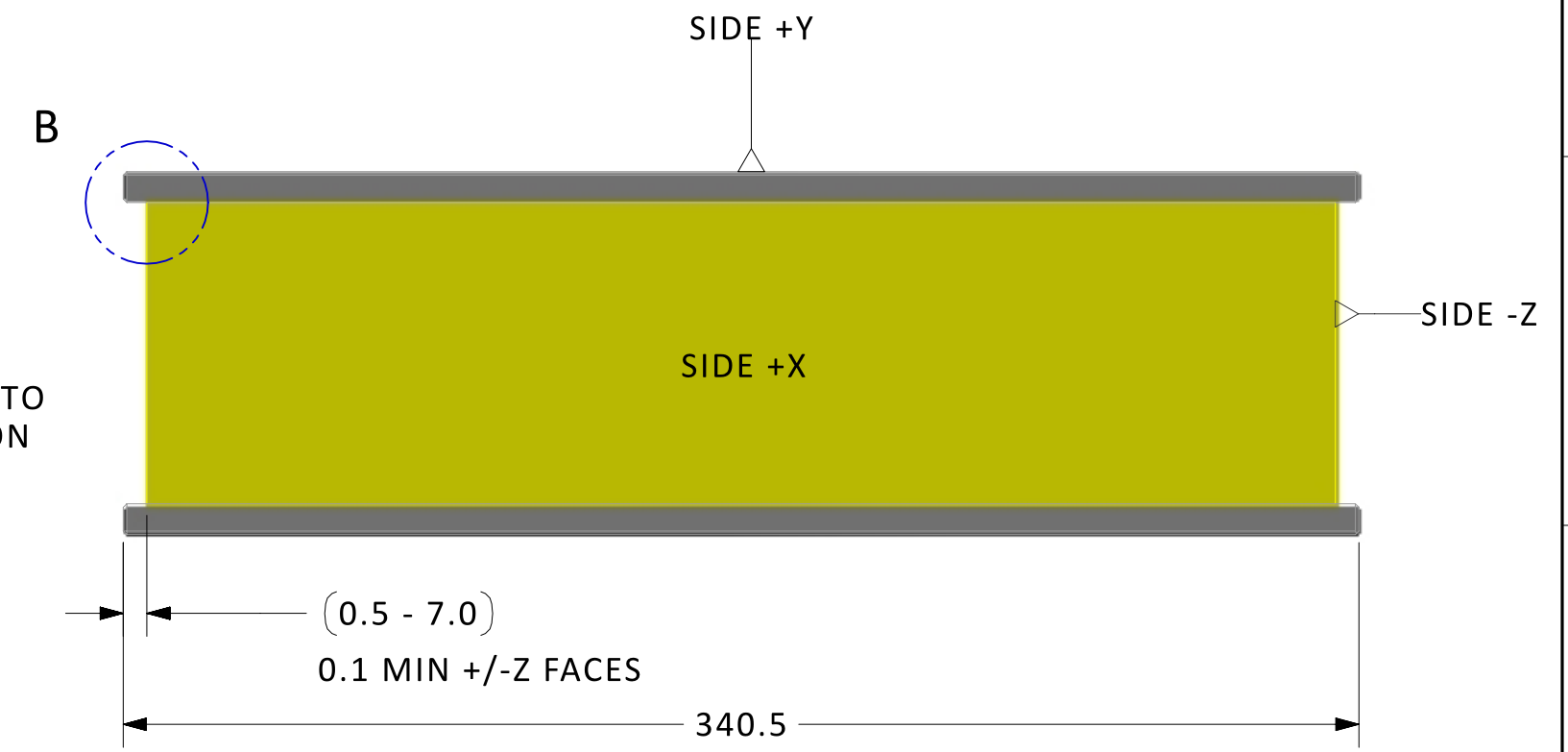
PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

		California Polytechnic State University CubeSat Program (805) 756-5087 San Luis Obispo, CA 93407		
		PART NAME	REV	
DESIGNED BY		A. MEH	2U CUBESAT	14
DRAWN BY		A. JOH		
CHECKED BY		D. PIG		
APPROVED BY		R. NUG	SIZE	ASSEMBLY
DRAWING #		CDS-14-003	B	CUBESAT SPECIFICATION
TOLERANCE .X ± 0.1		NOT TO SCALE		DATE: 01/23/2020
ROUND ALL EDGES AND CORNERS		SHEET 1 OF 1		

1 2 3 4 5 6 7 8



DETAIL B
RAIL WIDTH: DISTANCE TO ALLOWABLE PROTRUSION AREA ON EACH FACE

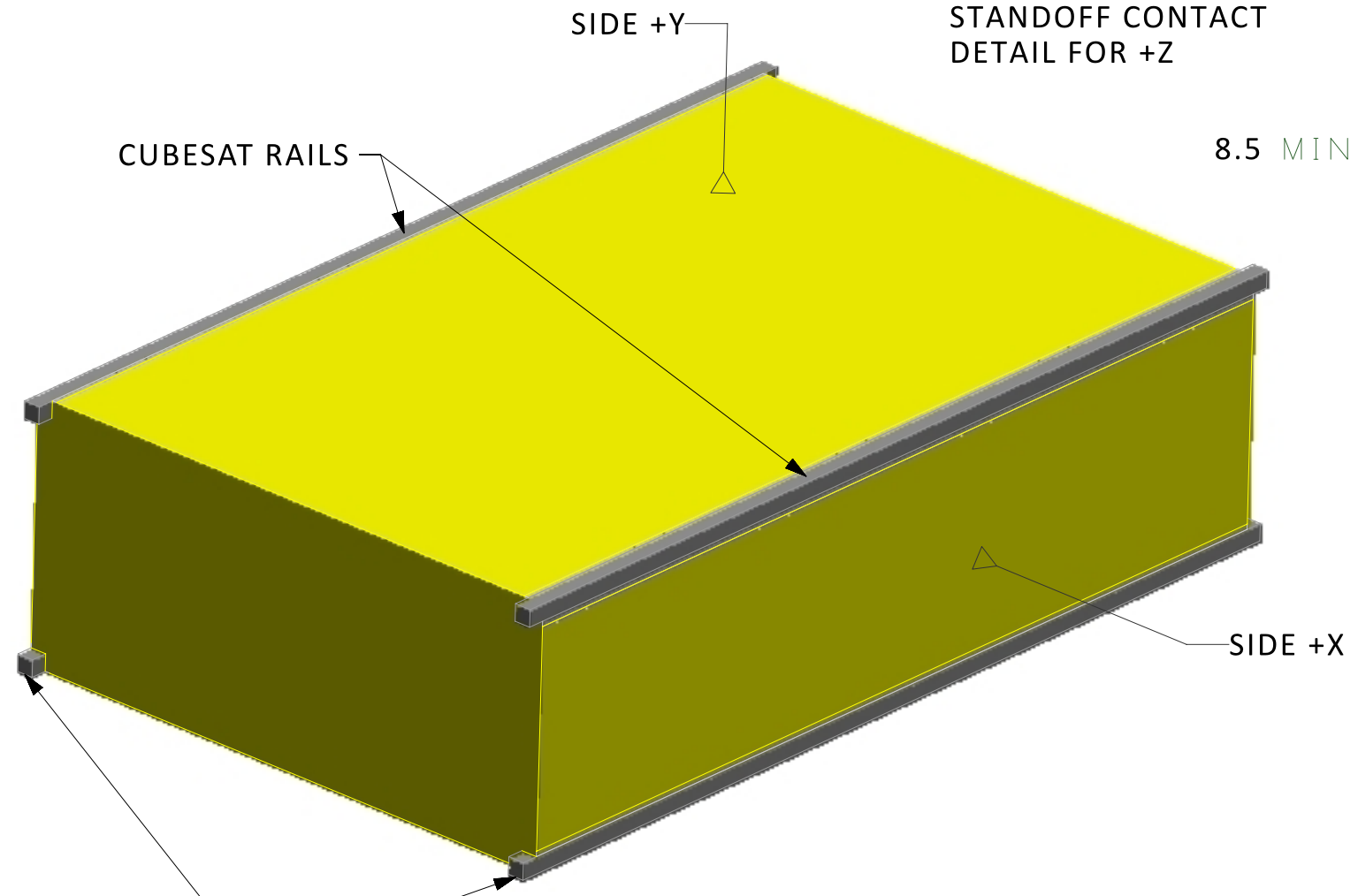
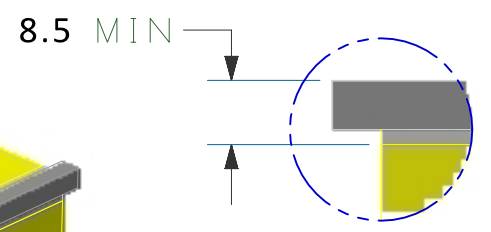
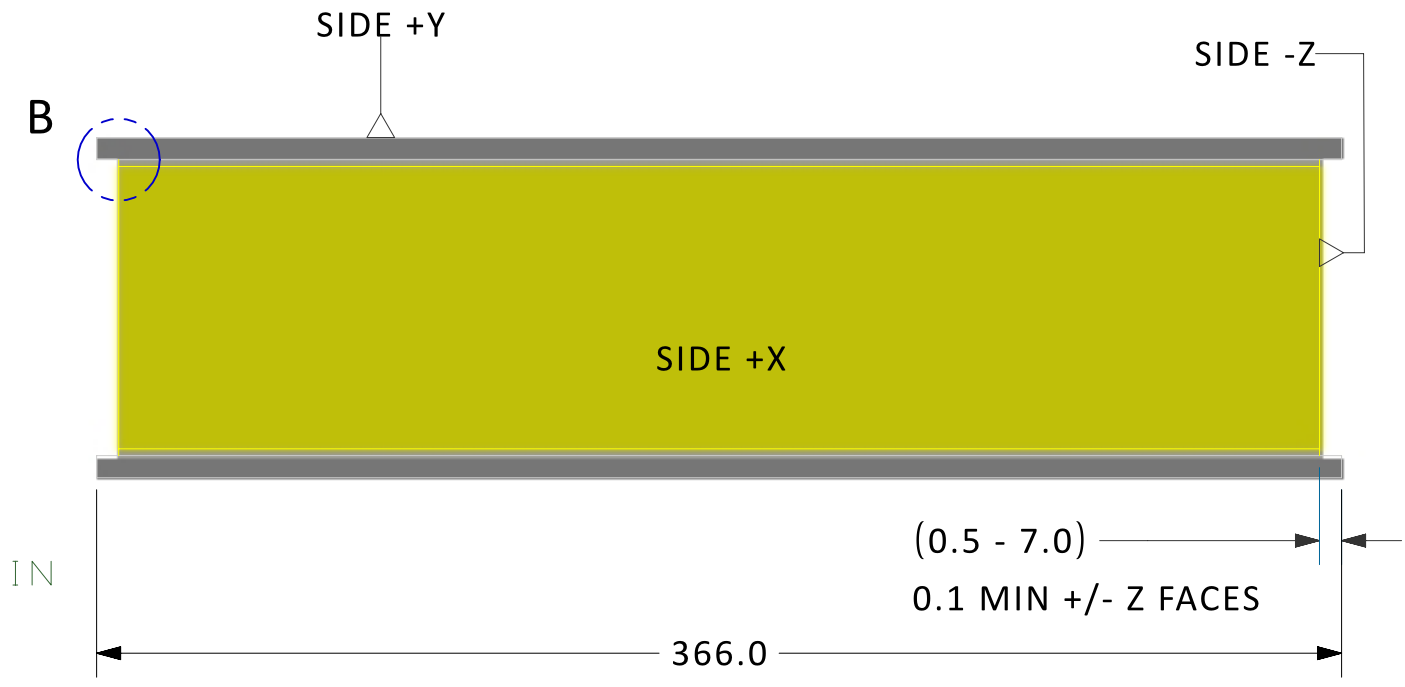
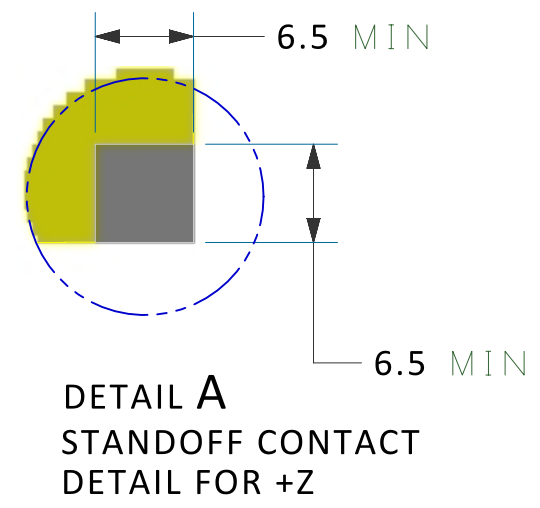
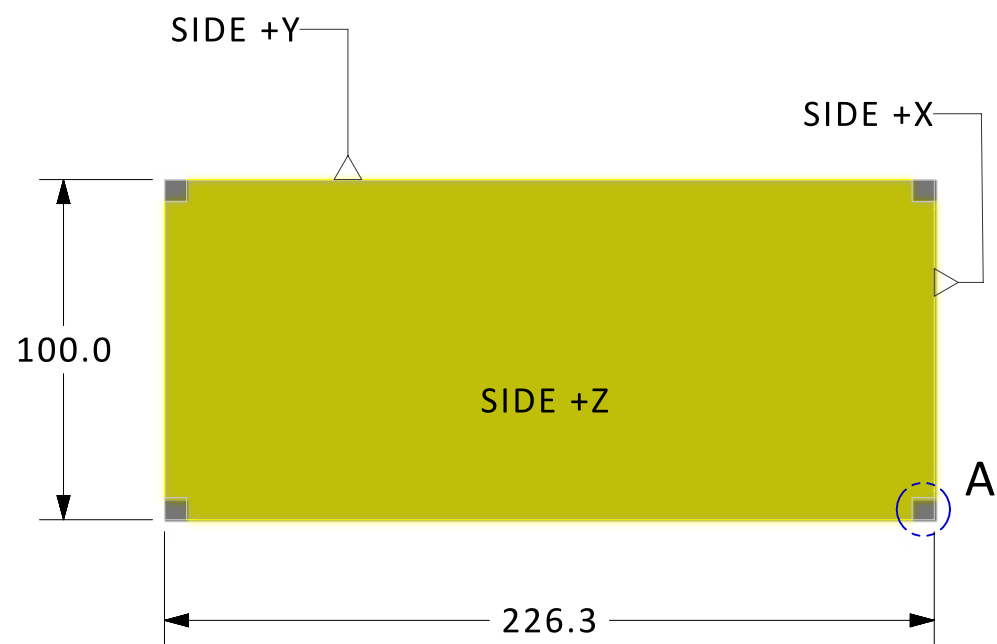


DETAIL A
STANDOFF CONTACT
DETAIL FOR +Z

ADDITIONAL NOTES:
1) CubeSat coordinate system is located in the geometric center of the CubeSat.
2) Protrusions are allowed on the yellow faces.

REVISION HISTORY:
PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

		California Polytechnic State University CubeSat Program (805) 756-5087 San Luis Obispo, CA 93407	
		PART NAME	REV
DESIGNED BY	A. MEH	3U CUBESAT	
DRAWN BY	A.JOH		
CHECKED BY	D.PIG	CUBESAT SPECIFICATION	
APPROVED BY	R.NUG		
TOLERANCE .X ± 0.1	DRAWING #	SIZE	ASSEMBLY
ROUND ALL EDGES AND CORNERS	CDS-14-004	B	CUBESAT SPECIFICATION
		NOT TO SCALE	DATE: 01/23/2020
		SHEET 1 OF 1	



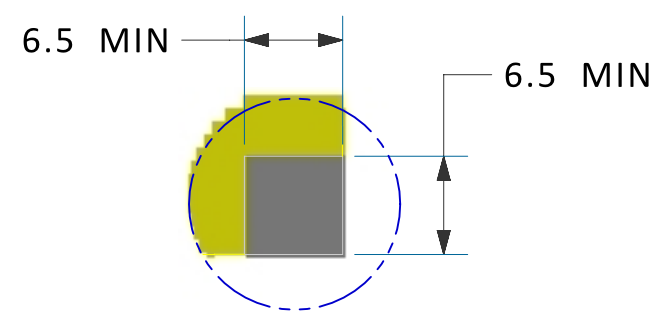
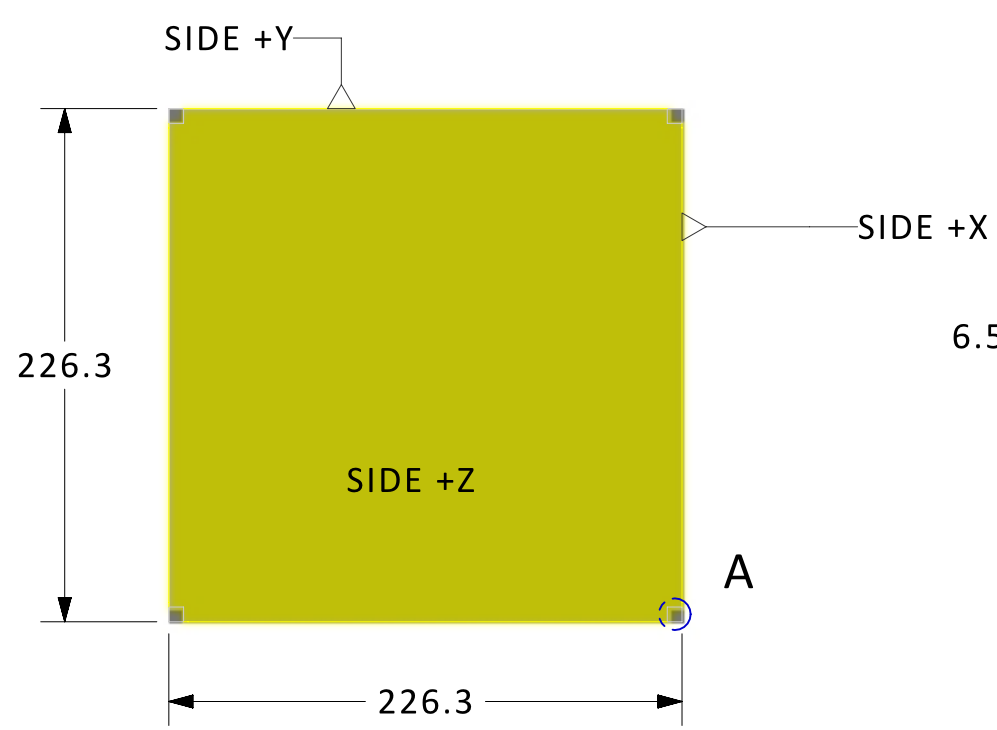
- ADDITIONAL NOTES:**
- 1) CubeSat coordinate system located in the geometric center of the CubeSat.
 - 2) Protrusions are allowed on the yellow faces.

REVISION HISTORY:
PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

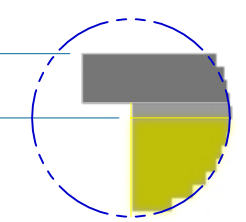
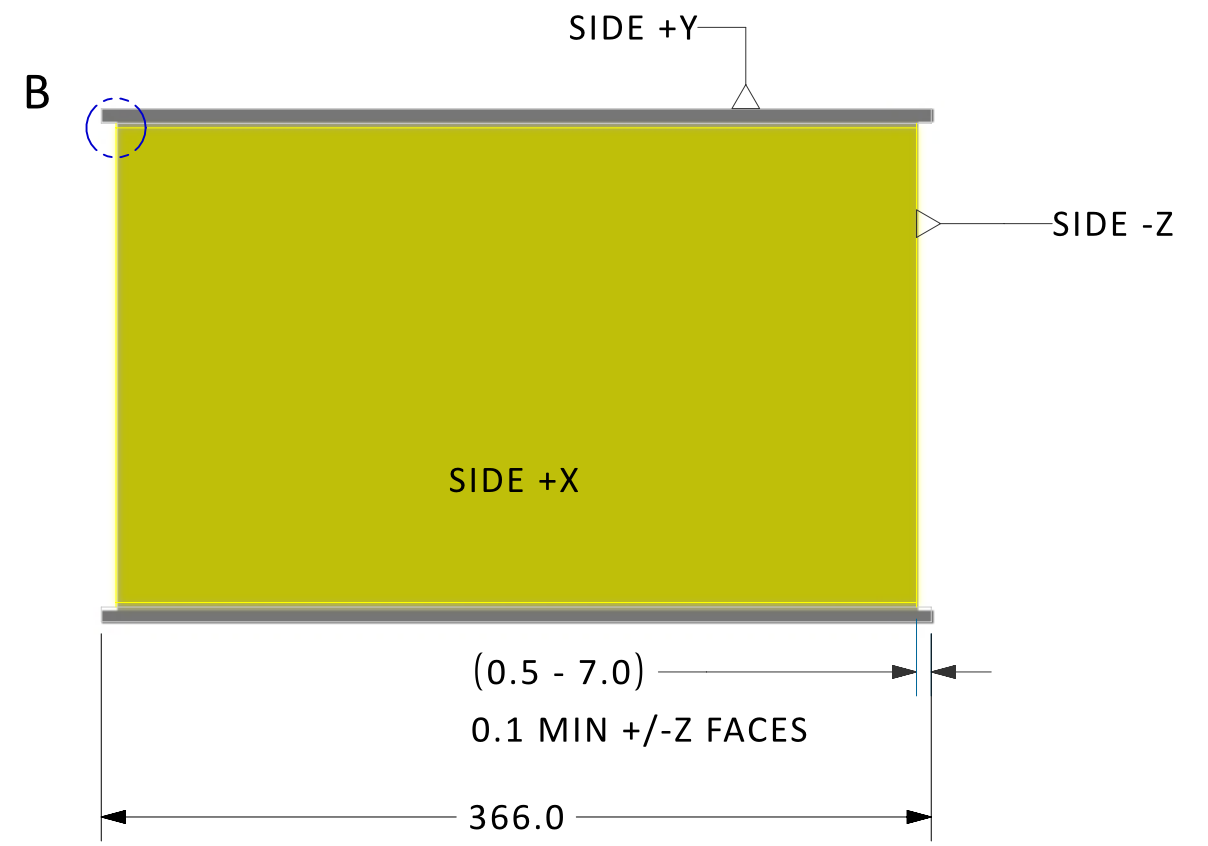
		California Polytechnic State University CubeSat Program (805) 756-5087 San Luis Obispo, CA 93407		
		DESIGNED BY I.LAM	DRAWN BY A.JOH	CHECKED BY D.PIG
ALL DIMENSIONS IN MILLIMETERS	TOLERANCE $.X \pm 0.1$	DRAWING # CDS-14-007	PART NAME 6U CUBESAT	REV 14
ROUND ALL EDGES AND CORNERS	SIZE B	ASSEMBLY CUBESAT SPECIFICATION	NOT TO SCALE	DATE: 01/23/2020
		SHEET 1 OF 1		

1 2 3 4 5 6 7 8

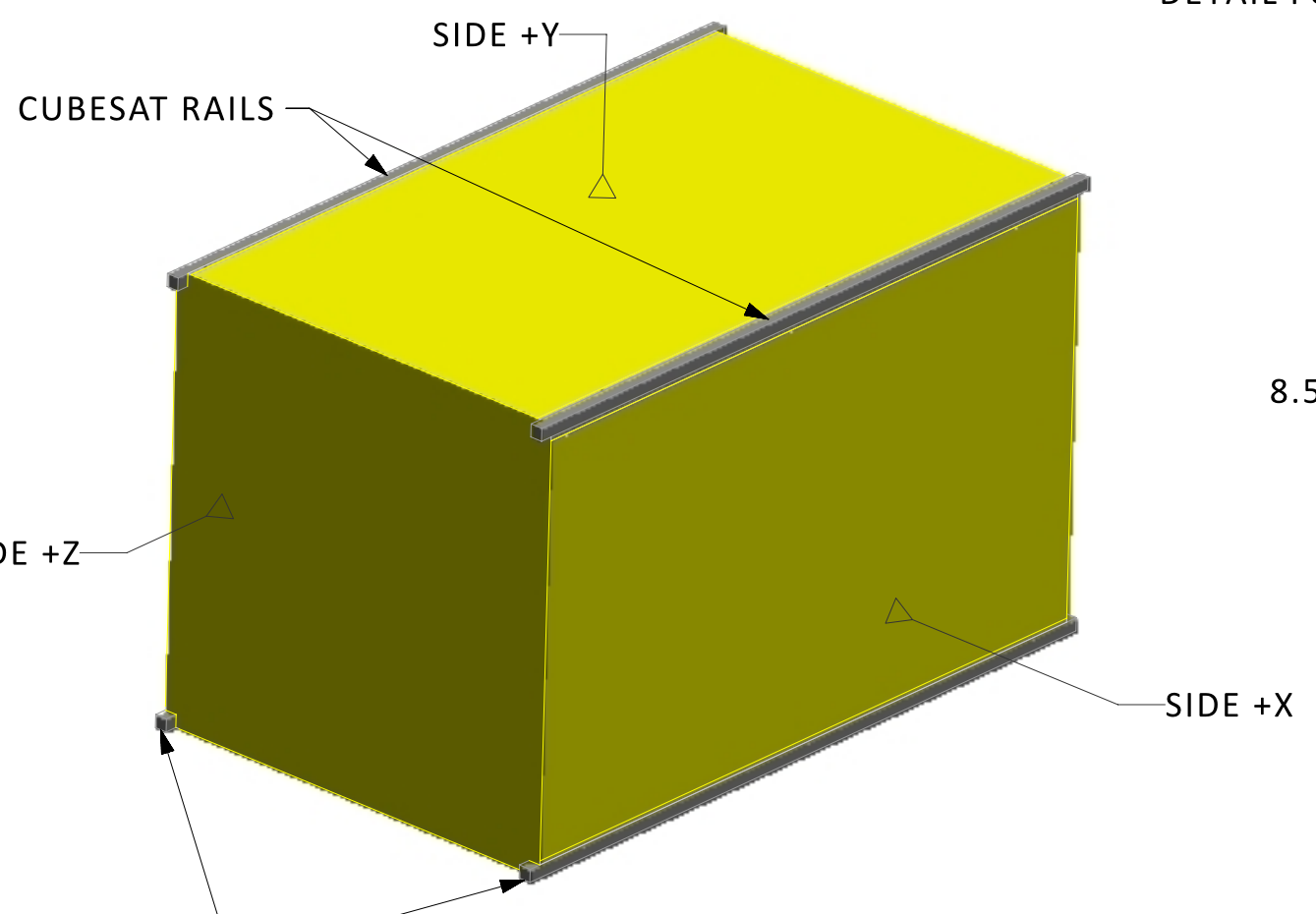
F
E
D
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B
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DETAIL A
STANDOFF CONTACT
DETAIL FOR +Z



DETAIL B
RAIL WIDTH: DISTANCE TO
ALLOWABLE PROTRUSION
AREA ON EACH FACE



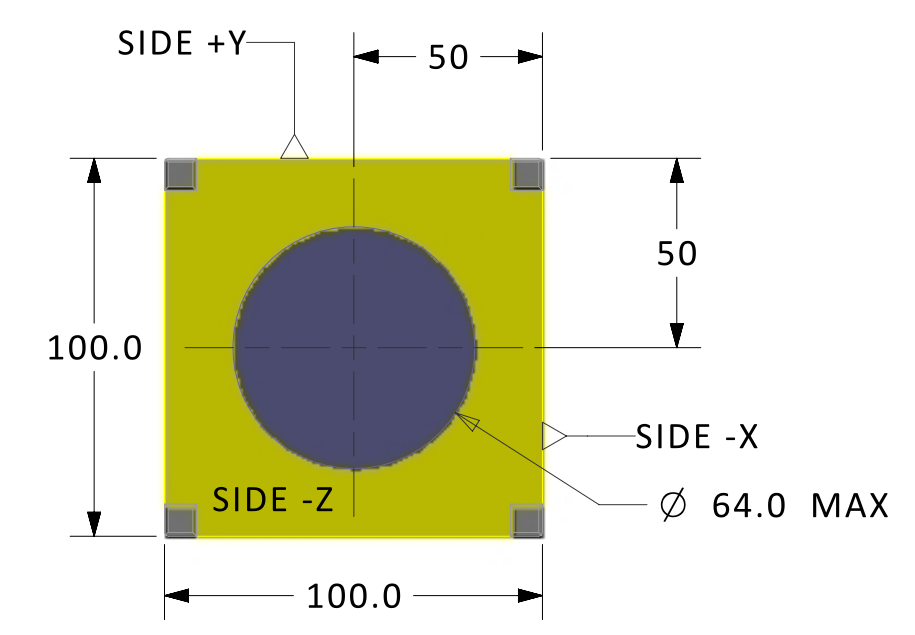
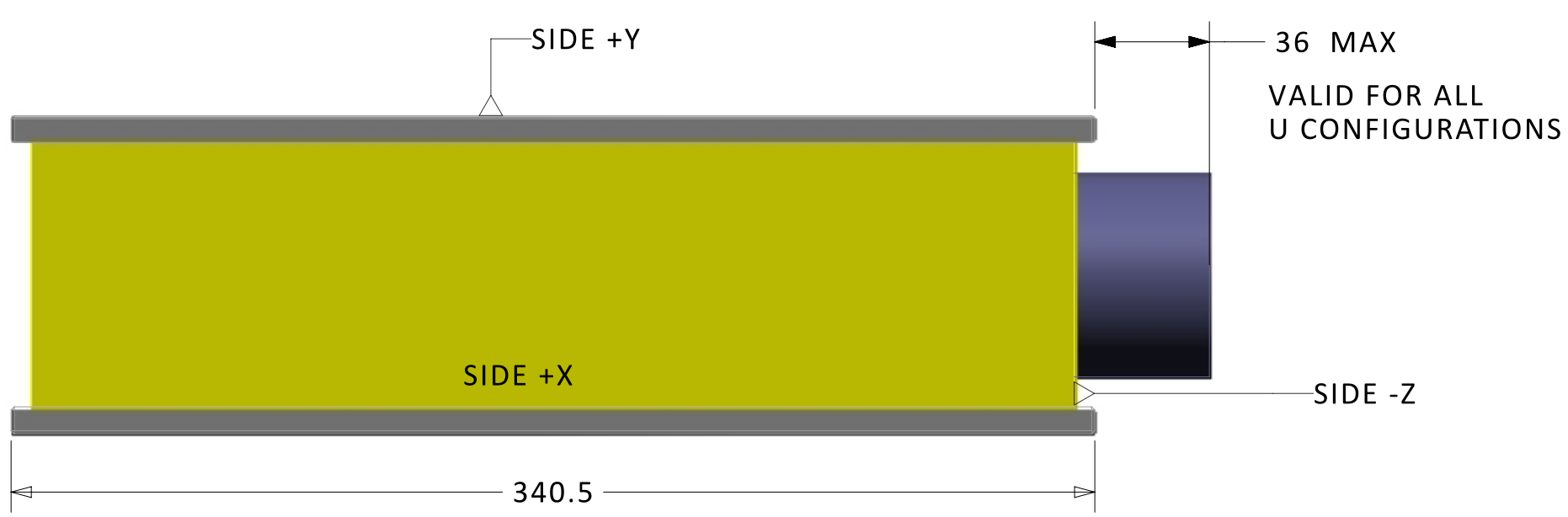
ADDITIONAL NOTES:

- 1) CubeSat coordinate system located in the geometric center of the CubeSat.
- 2) Protrusions are allowed on the yellow faces.

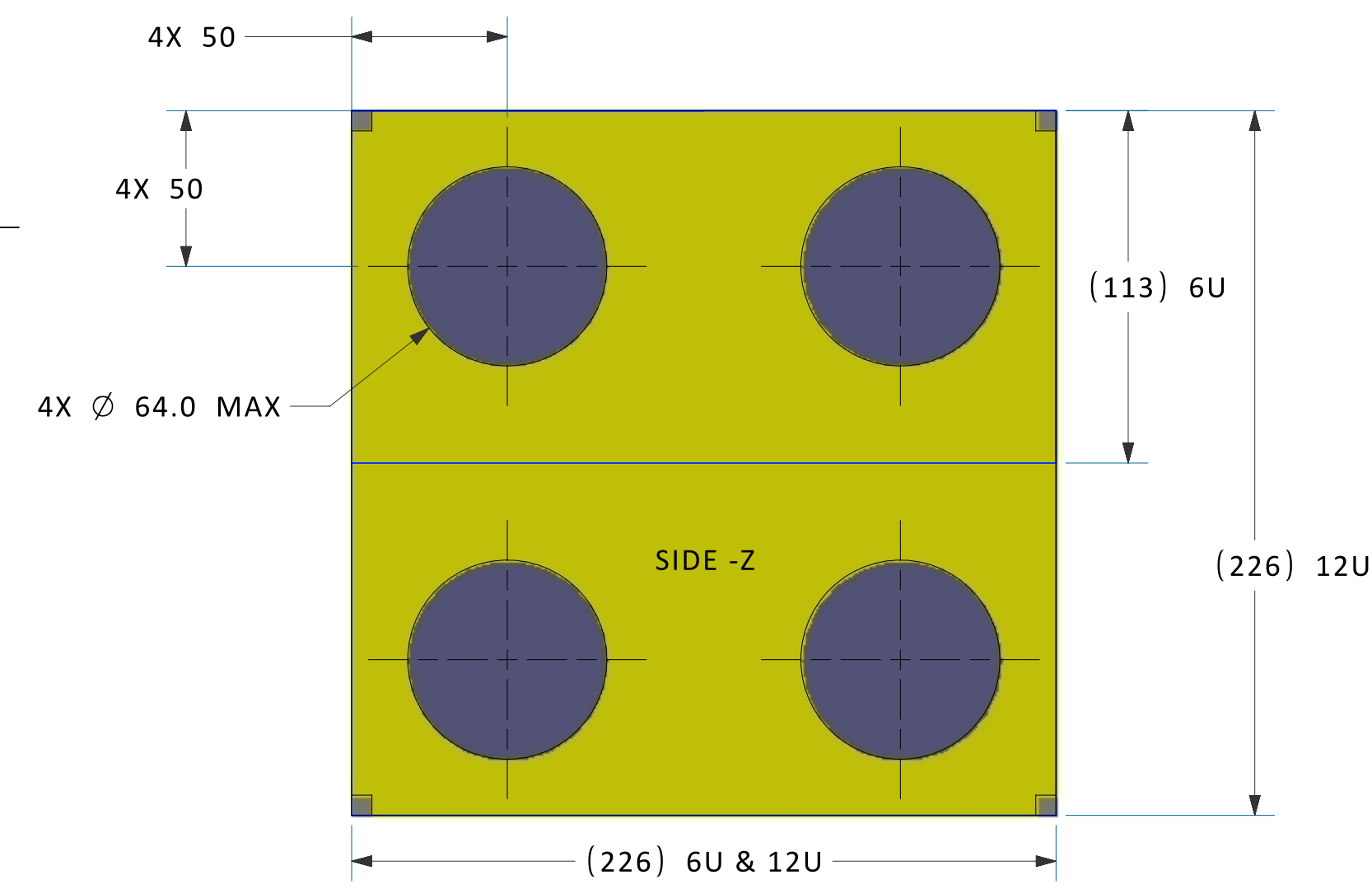
REVISION HISTORY:
PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

		California Polytechnic State University CubeSat Program (805) 756-5087 San Luis Obispo, CA 93407		
		DESIGNED BY A.JOH		PART NAME 12U CUBESAT
ALL DIMENSIONS IN MILLIMETERS	DRAWN BY A.JOH	CHECKED BY D.PIG		SIZE B ASSEMBLY CUBESAT SPECIFICATION
TOLERANCE .X ± 0.1	APPROVED BY R.NUG	DRAWING # CDS-14-008		
ROUND ALL EDGES AND CORNERS	NOT TO SCALE		DATE: 01/23/2020	SHEET 1 OF 1

1 2 3 4 5 6 7 8



3U EXTRA VOLUME



6U & 12U EXTRA VOLUME

ADDITIONAL NOTES:

- 1) Some CubeSat dispensers offer an "Extra Volume" option, commonly referred to as the "Tuna Can".
- 2) This drawing defines TC dimensions for 3U, 6U, and 12U.
- 3) Values are not consistent on all dispensers. The values on this drawing are conservative and should comply with most or all available dispensers.

		California Polytechnic State University CubeSat Program (805) 756-5087 San Luis Obispo, CA 93407		
		PART NAME U+ CUBESAT VOLUME		REV 14
ALL DIMENSIONS IN MILLIMETERS	DESIGNED BY A. MEH	SIZE B		ASSEMBLY CUBESAT SPECIFICATION
	TOLERANCE .X ± 0.1	DRAWN BY A.JOH	NOT TO SCALE	DATE: 01/23/2020
ROUND ALL EDGES AND CORNERS	CHECKED BY D.PIG	DATE: 01/23/2020	SHEET 1 OF 1	
	APPROVED BY R.NUG	DRAWING # CDS-14-005		