


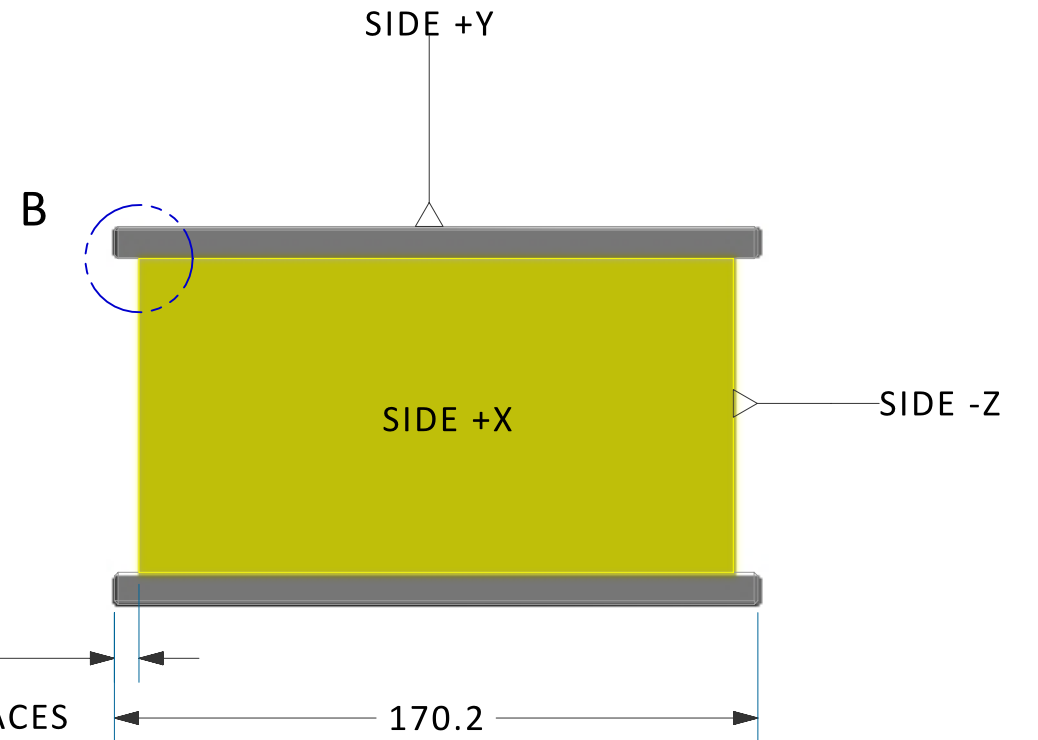
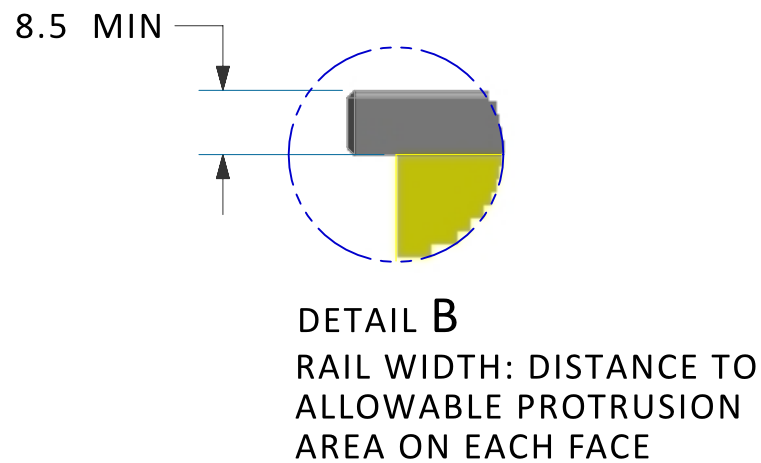
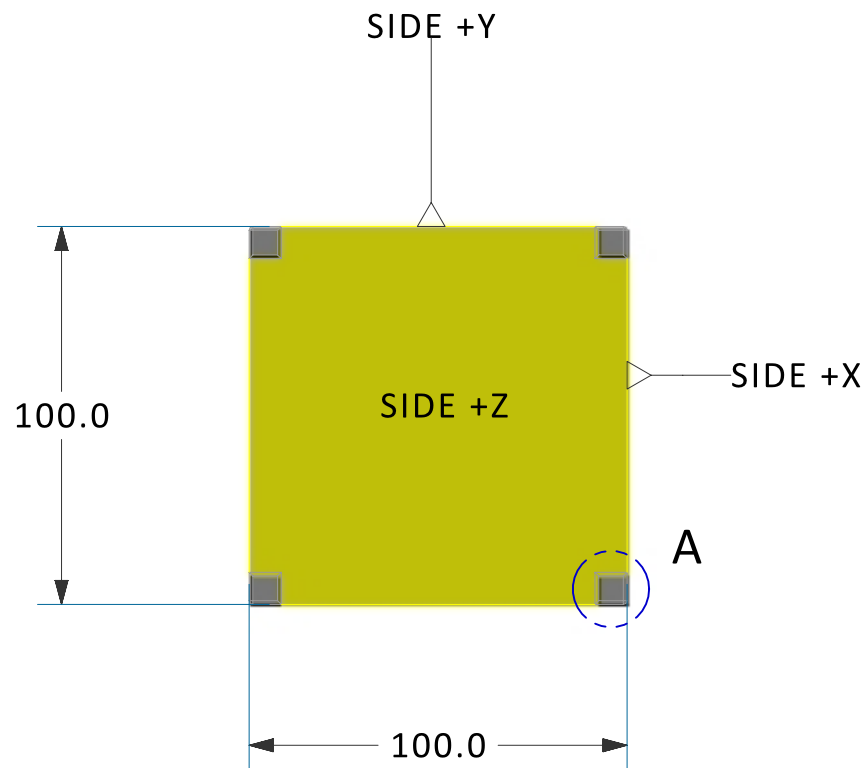
ADDITIONAL NOTES:

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

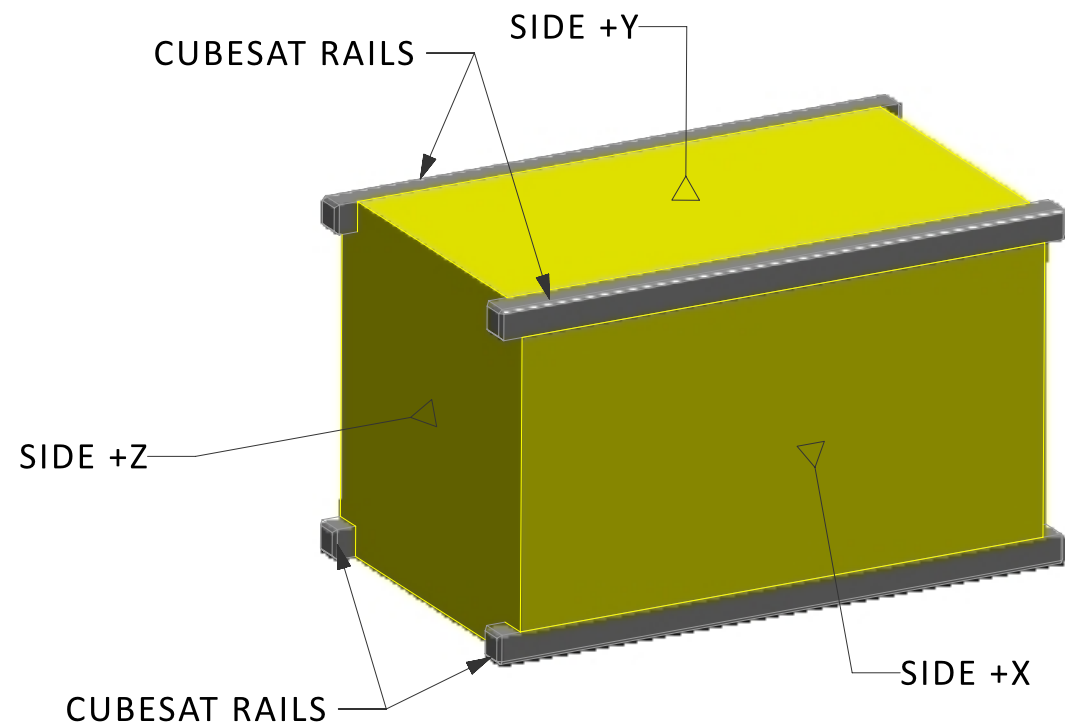
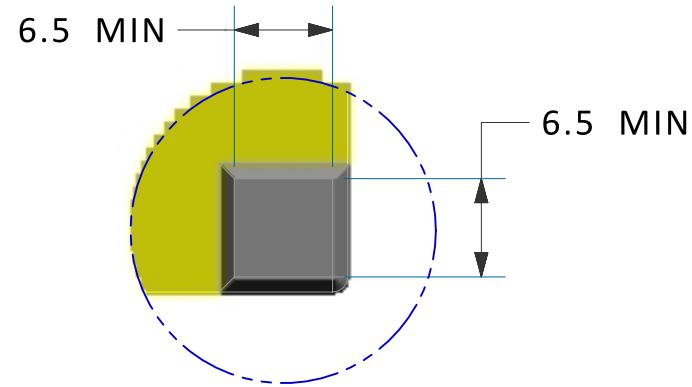
REVISION HISTORY:

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

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



(0.5 - 7.0)
0.1 MIN +/-Z FACES

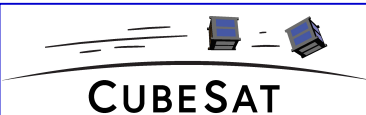


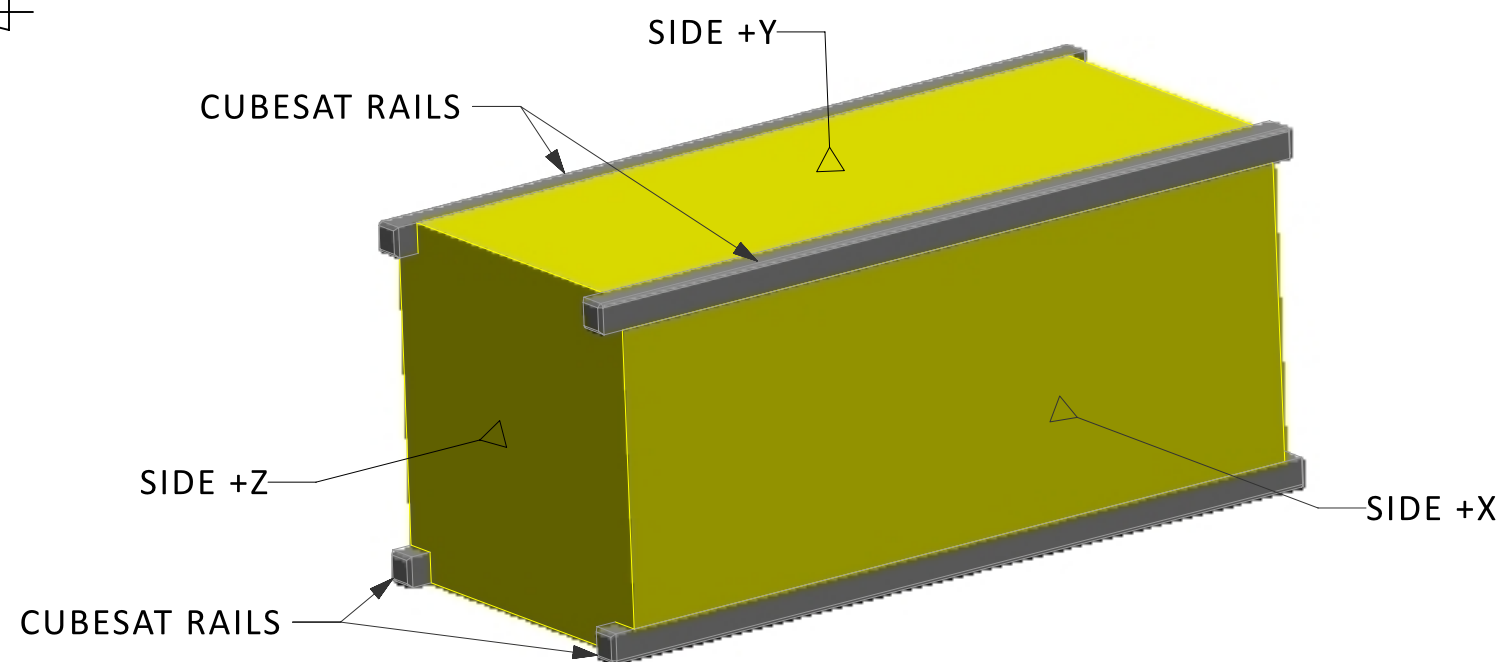
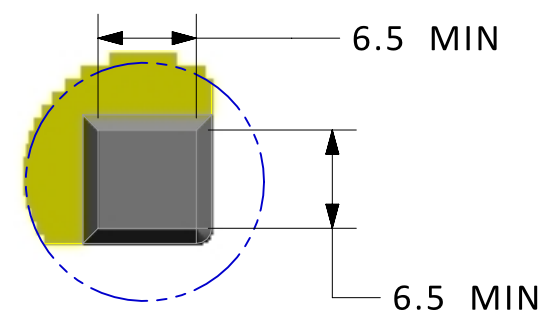
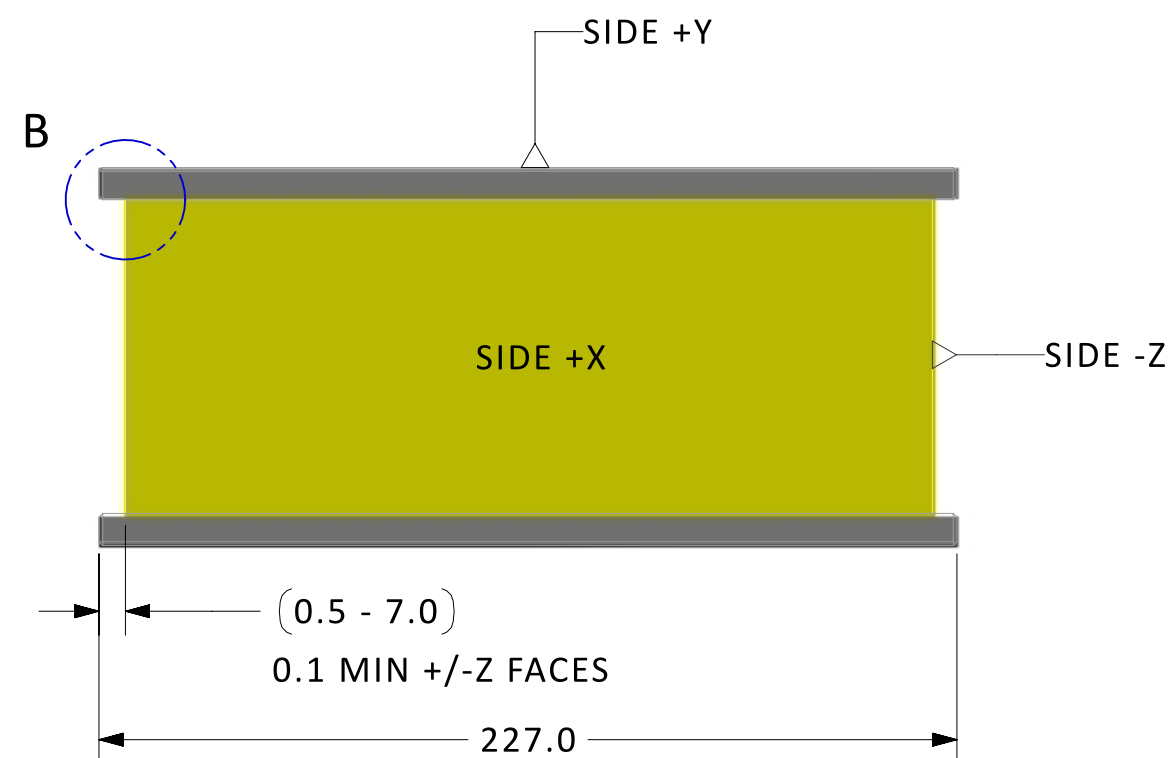
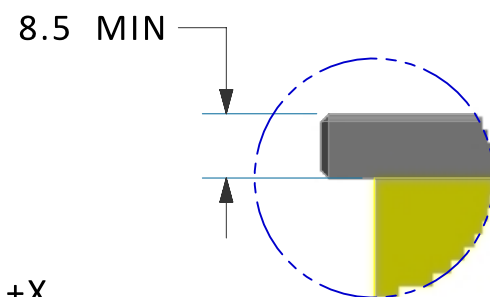
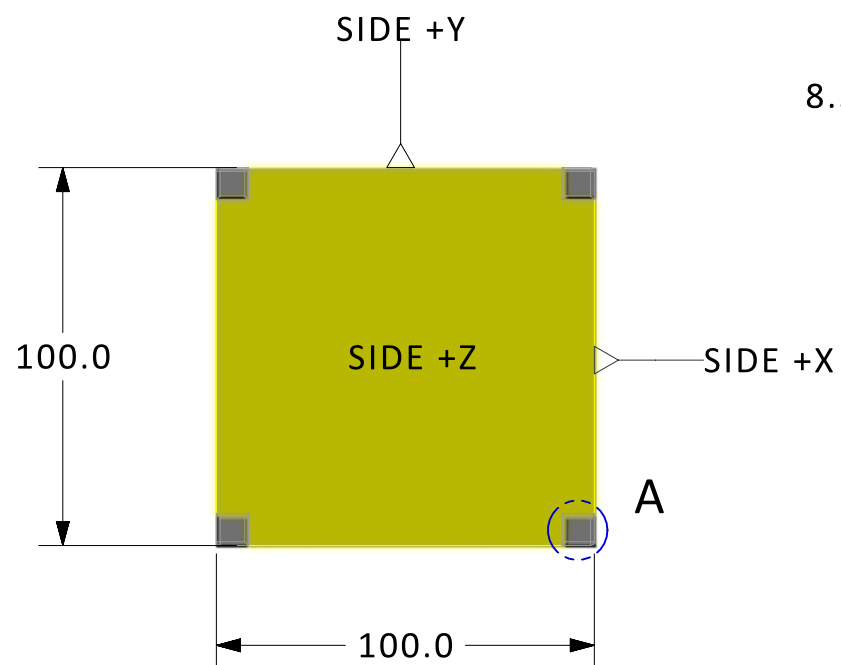
ADDITIONAL NOTES:

- 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.

 CUBESAT		California Polytechnic State University CubeSat Program (805) 756-5087 San Luis Obispo, CA 93407			
ALL DIMENSIONS IN MILLIMETERS	DESIGNED BY	A.MEH	PART NAME 1.5U CUBESAT		REV 14
	DRAWN BY	A.JOH			
	CHECKED BY	D.PIG			
TOLERANCE .X ± 0.1	APPROVED BY	R.NUG	SIZE ASSEMBLY B CUBESAT SPECIFICATION		
	ROUND ALL EDGES AND CORNERS	DRAWING #	CDS-14-002	NOT TO SCALE	DATE: 01/23/2020




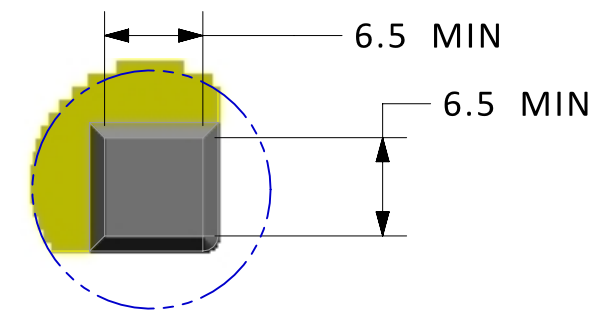
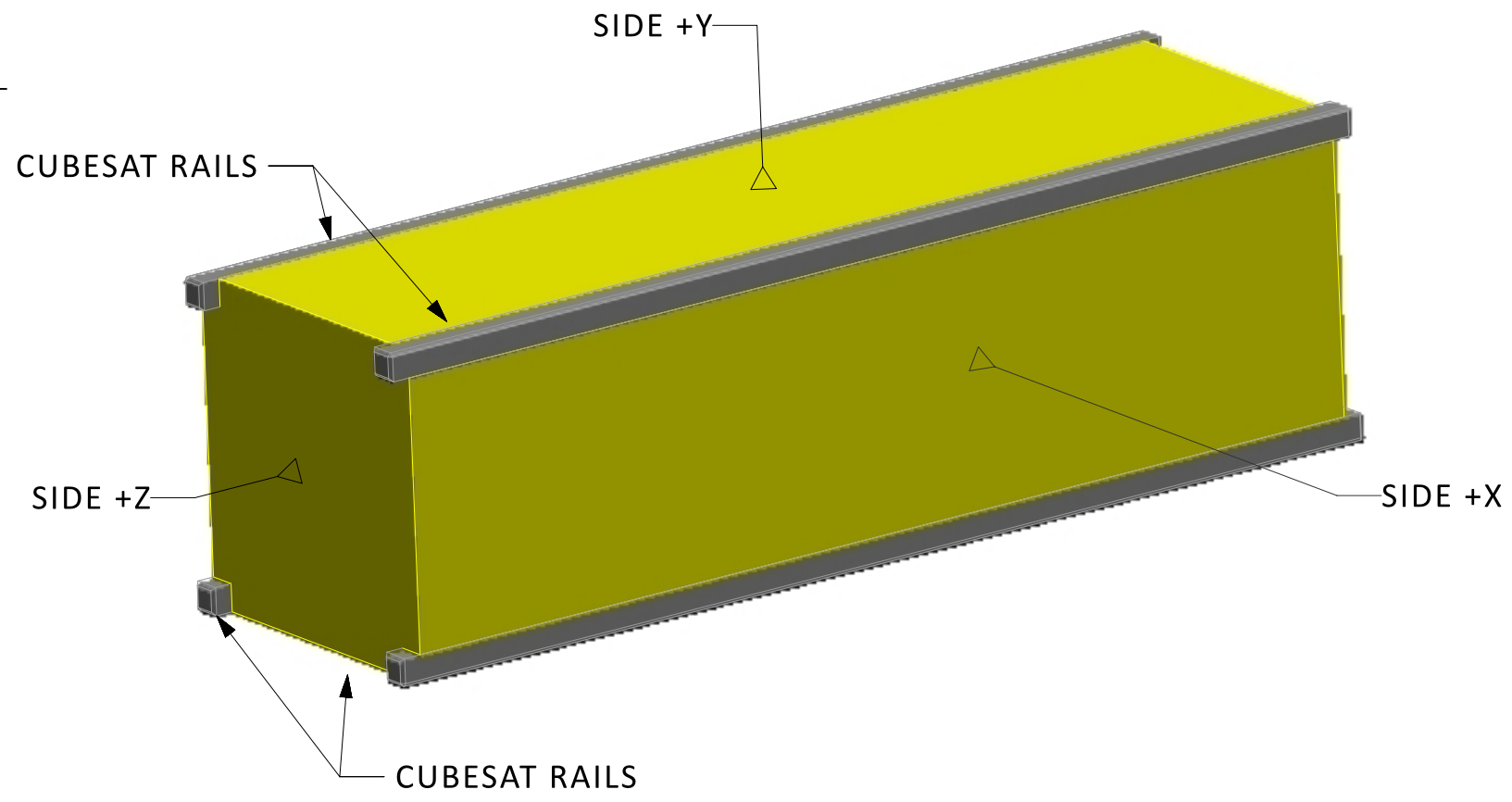
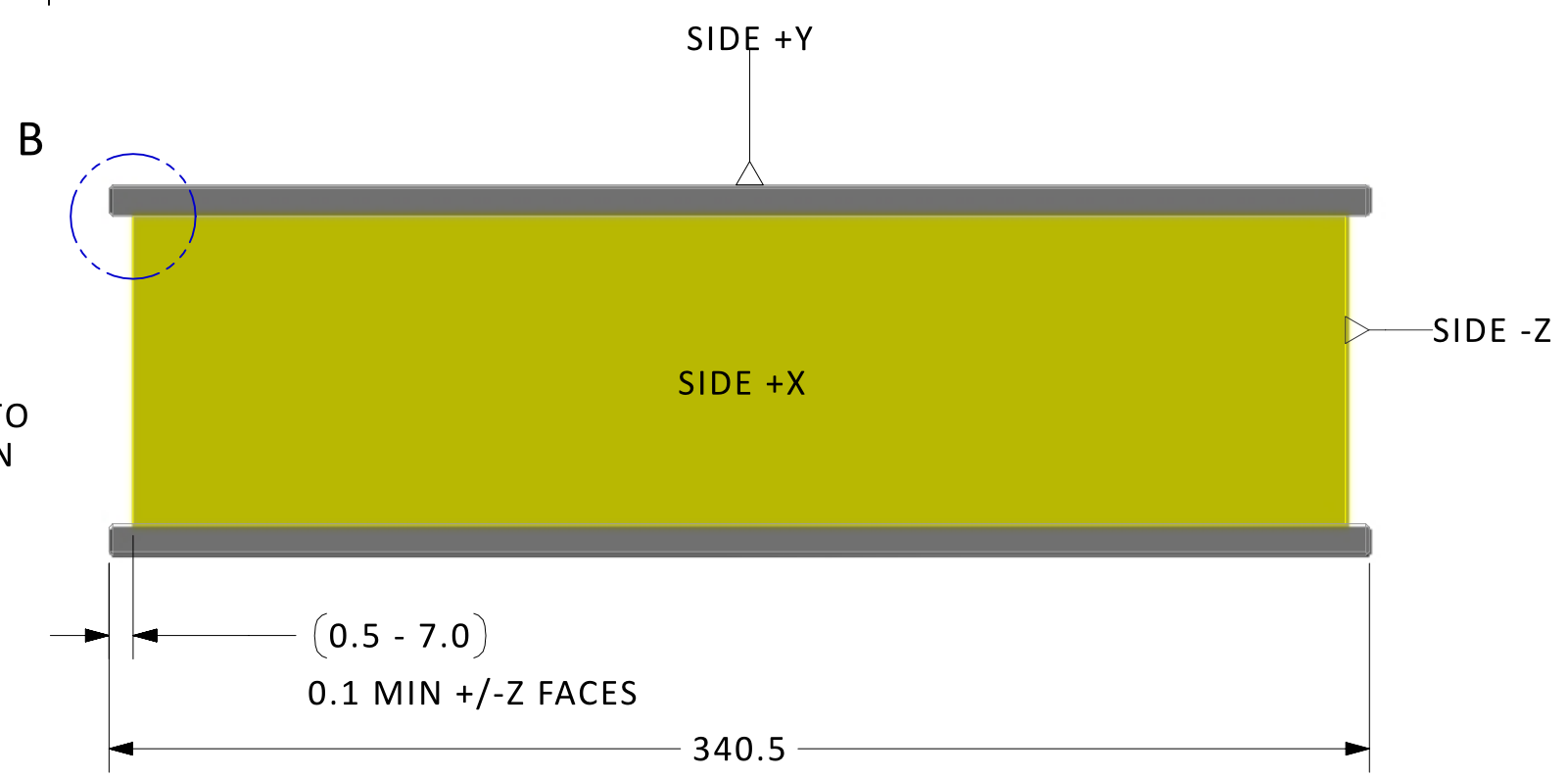
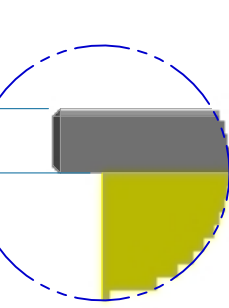
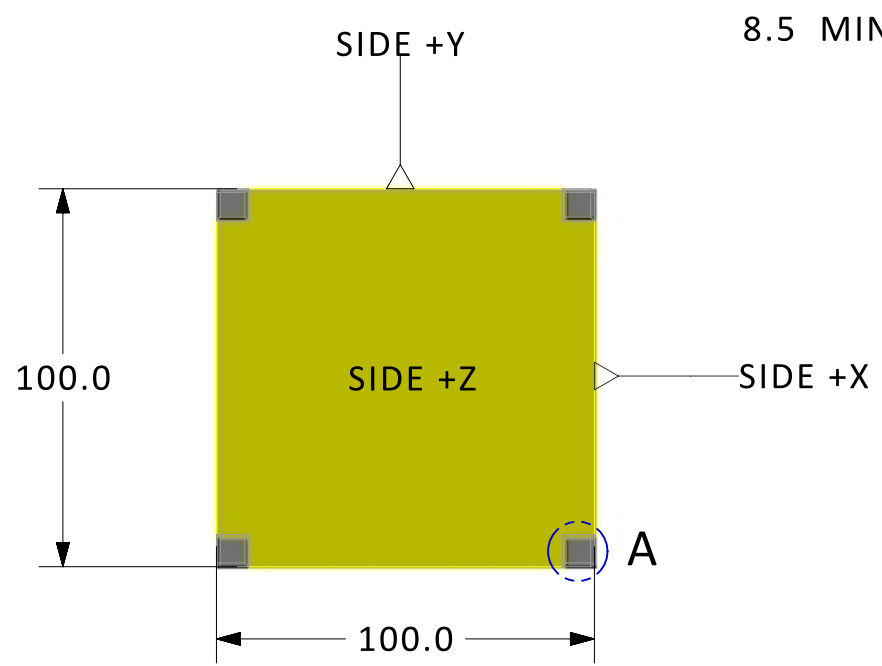
ADDITIONAL NOTES:

- 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.

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




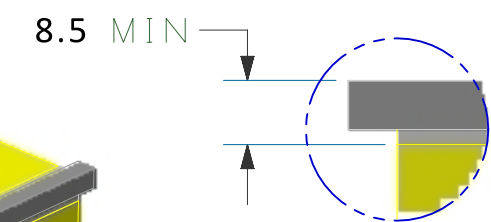
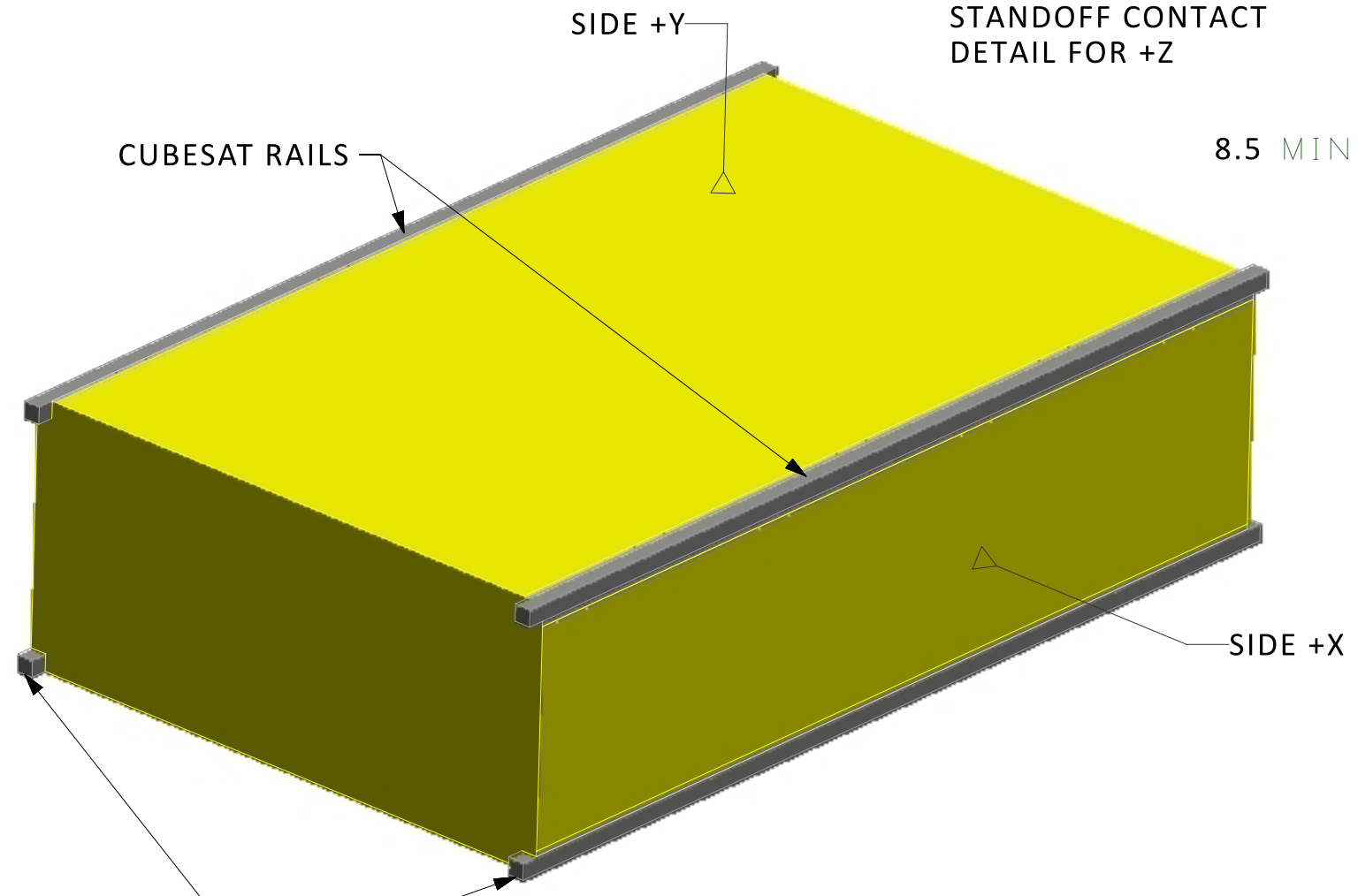
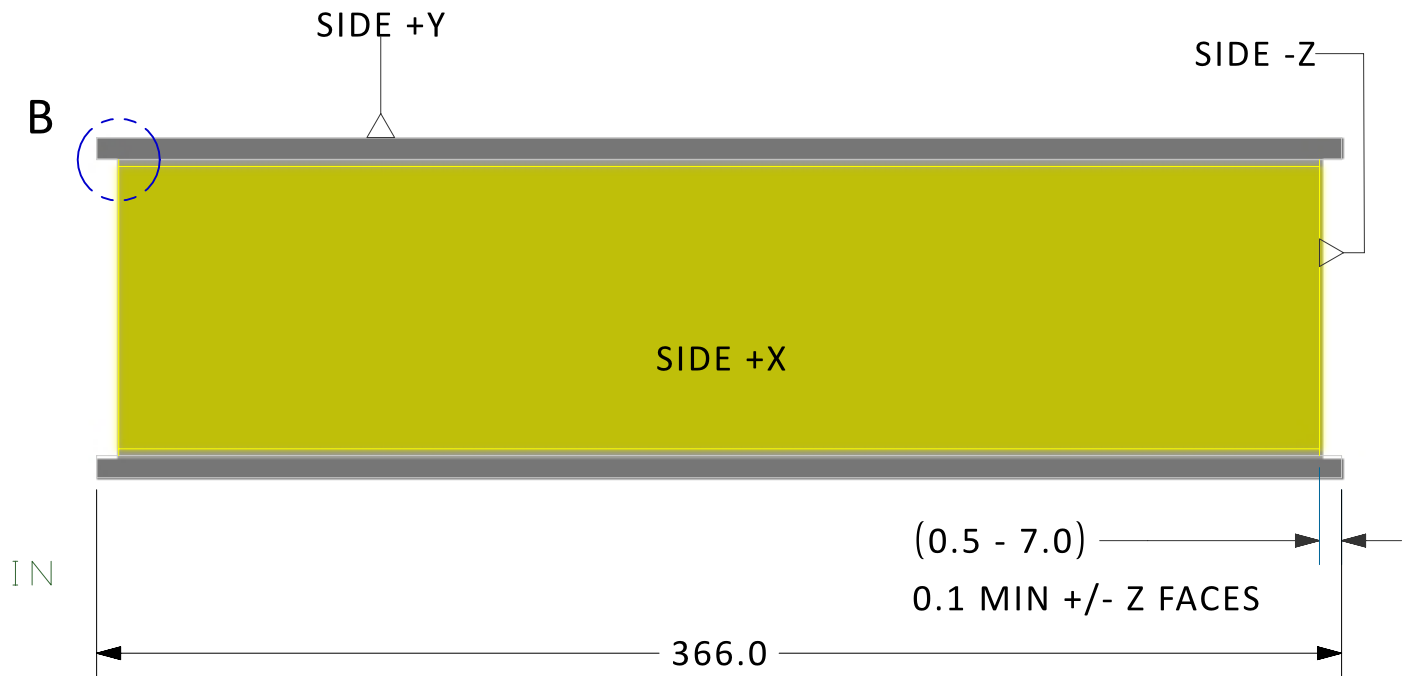
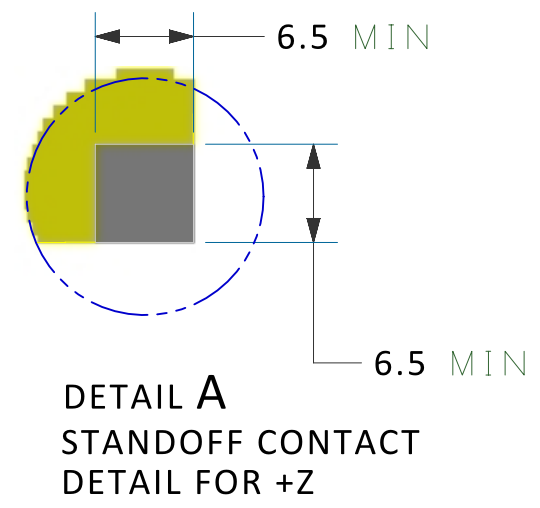
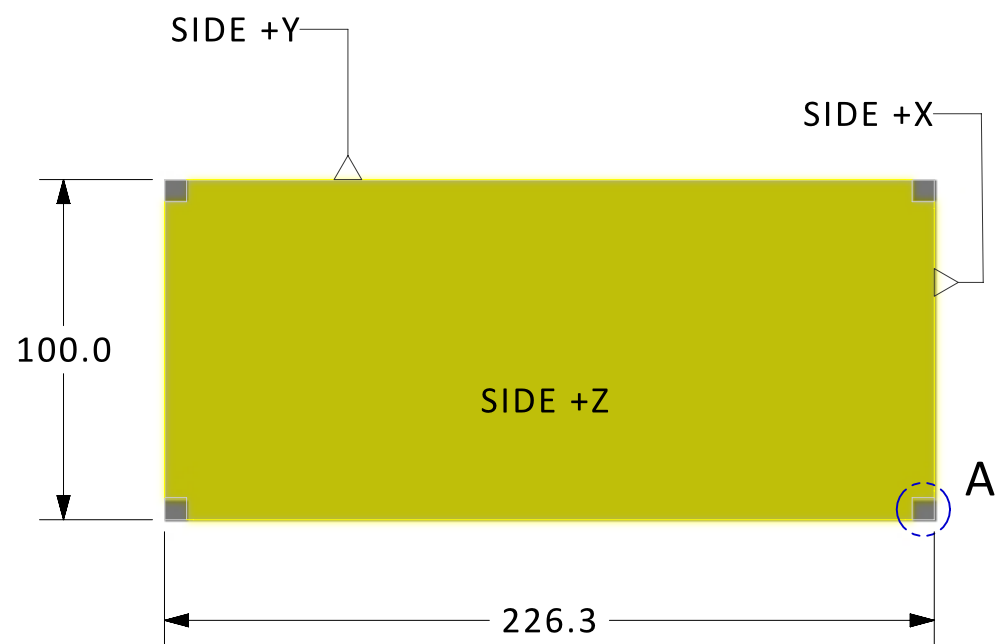
ADDITIONAL NOTES:

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

REVISION HISTORY:

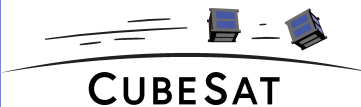
PLEASE REFER TO THE CUBESAT DESIGN SPECIFICATION CHANGE LOG FOR REVISION CHANGE DETAILS.

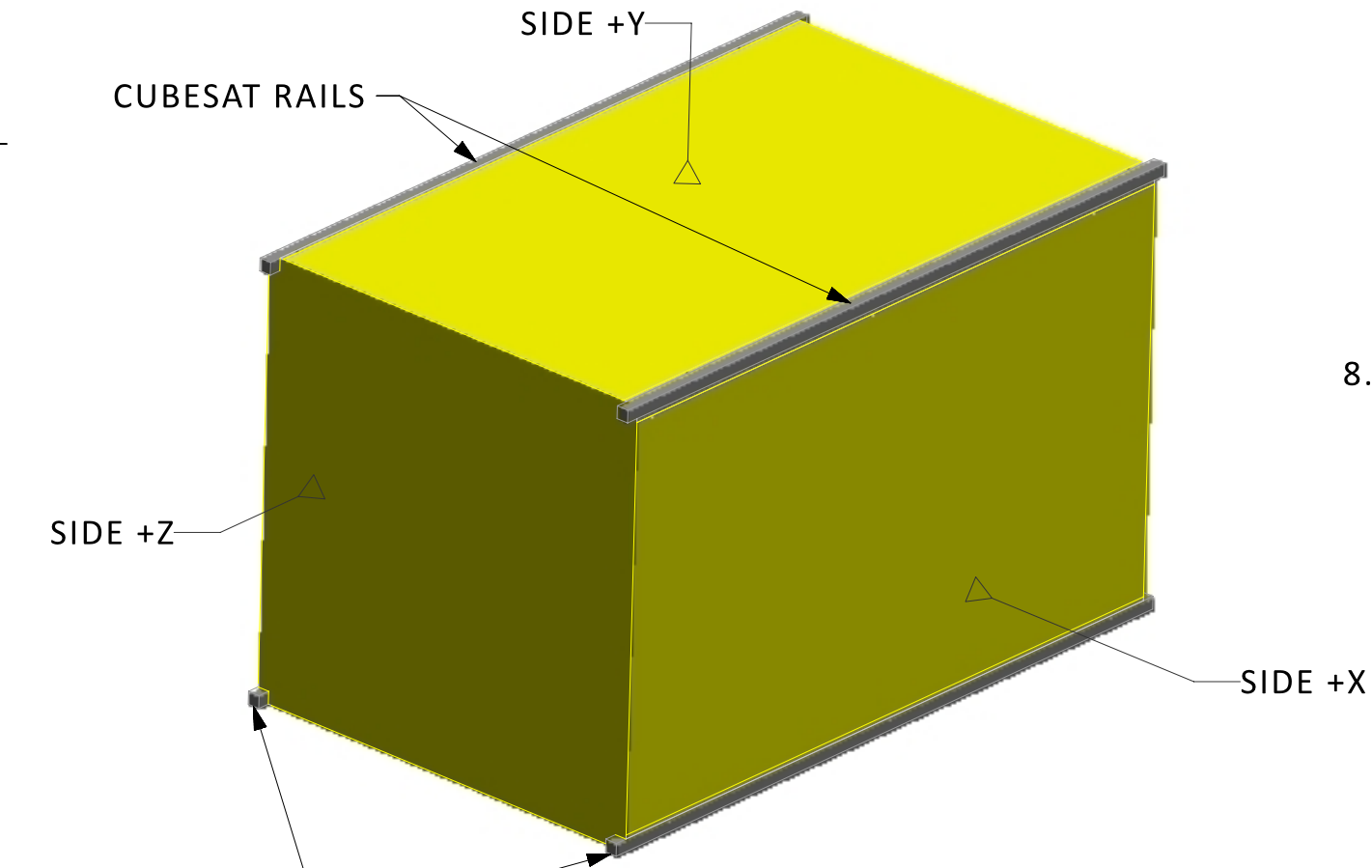
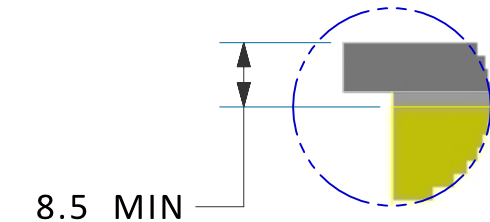
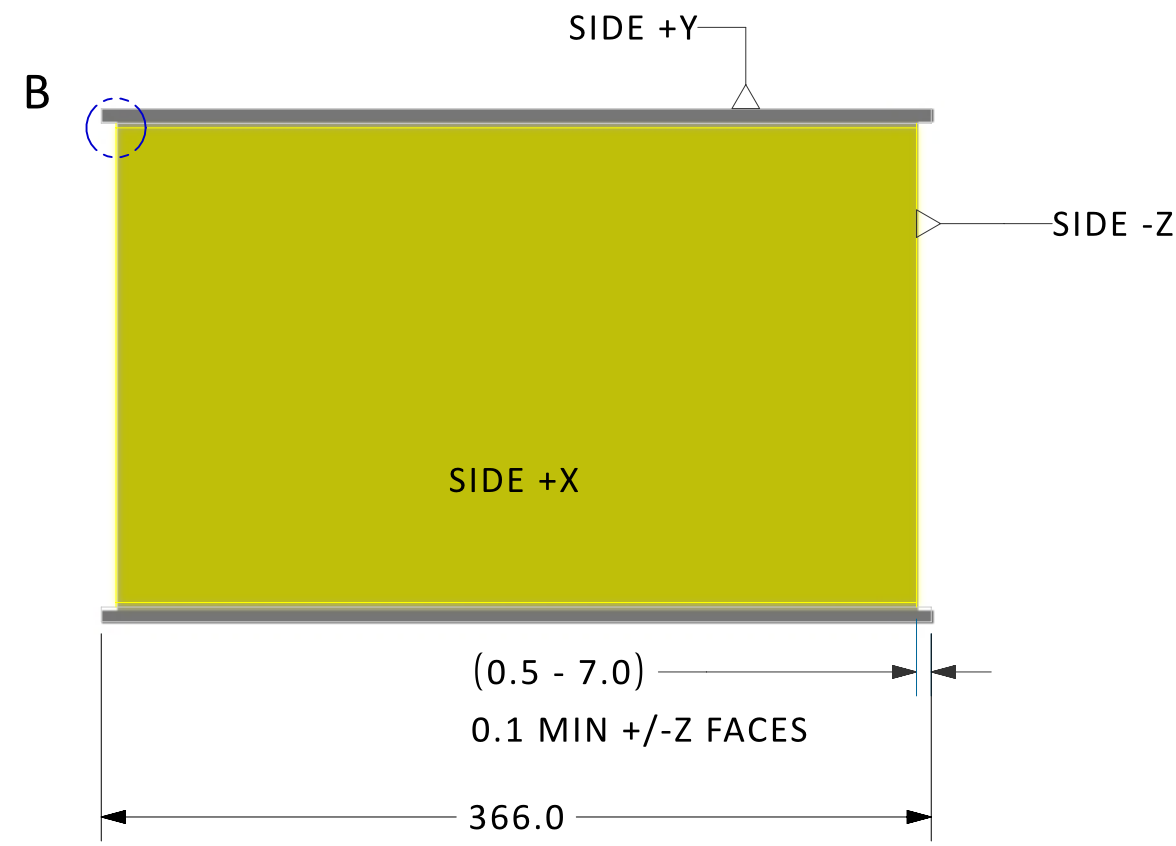
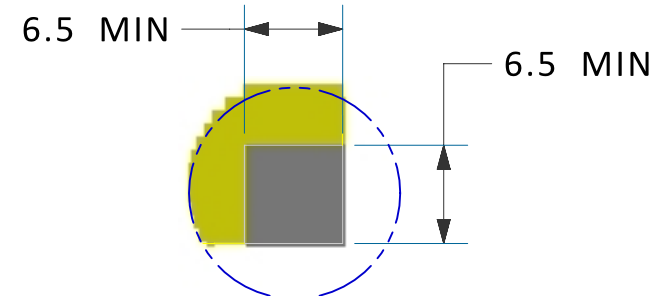
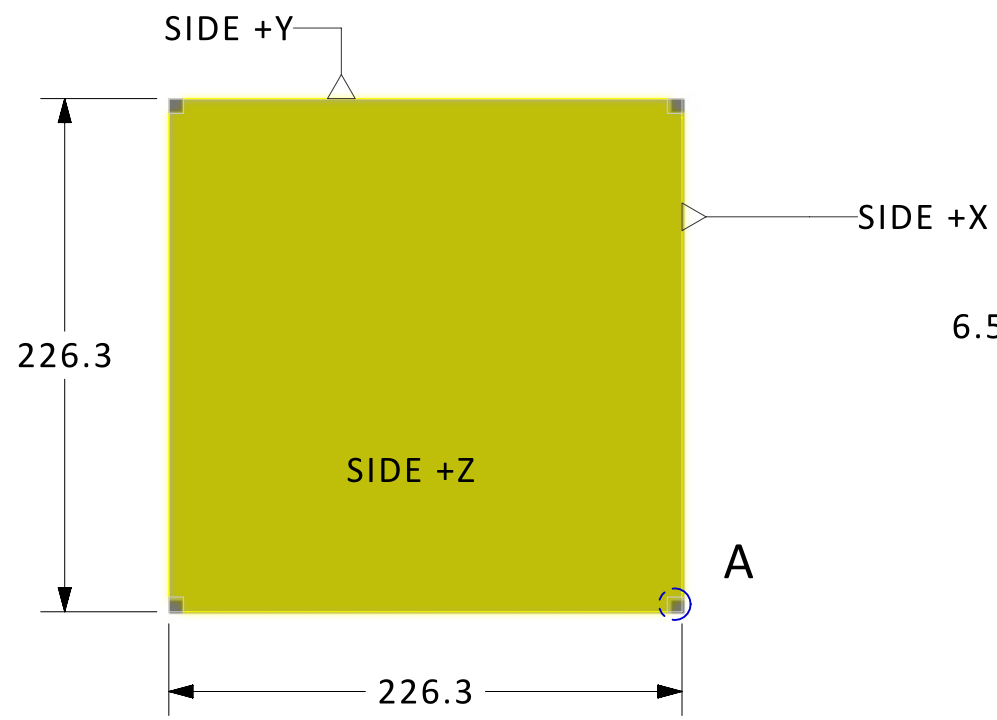
 CUBESAT		California Polytechnic State University CubeSat Program (805) 756-5087 San Luis Obispo, CA 93407				
ALL DIMENSIONS IN MILLIMETERS	DESIGNED BY	A. MEH	PART NAME 3U CUBESAT			REV
TOLERANCE .X ± 0.1	DRAWN BY	A.JOH				14
	CHECKED BY	D.PIG				
ROUND ALL EDGES AND CORNERS	APPROVED BY	R.NUG				
			SIZE B	ASSEMBLY CUBESAT SPECIFICATION		
	DRAWING #	CDS-14-004	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.


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

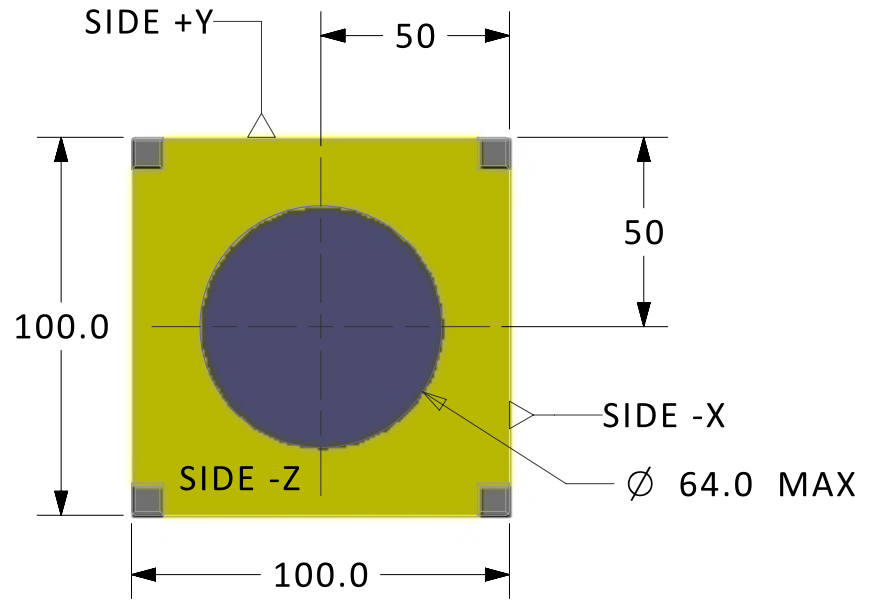
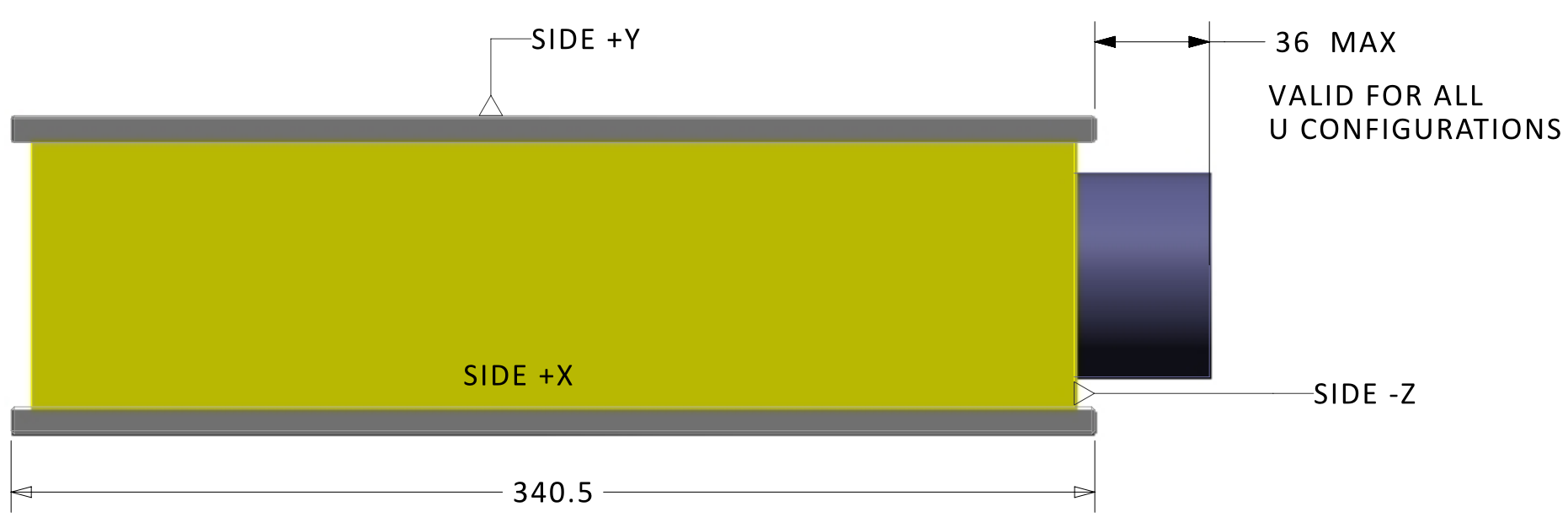


DETAIL B
RAIL WIDTH: DISTANCE TO
ALLOWABLE PROTRUSION
AREA ON EACH FACE

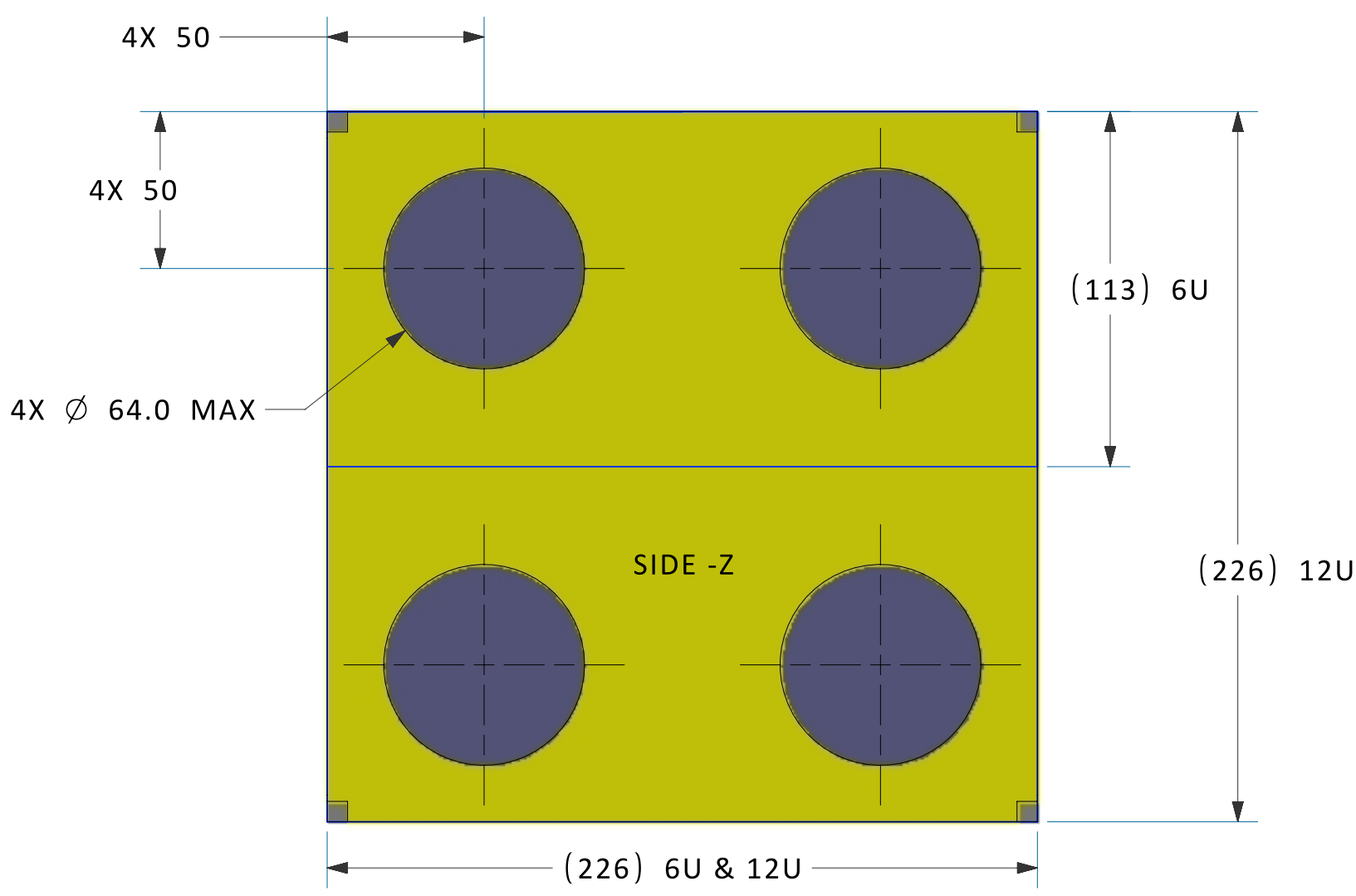
- ADDITIONAL NOTES:
- 1) CubeSat coordinate system located in the geometric center of the CubeSat.
 - 2) Protrusions are allowed on the yellow faces.

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

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




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.

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