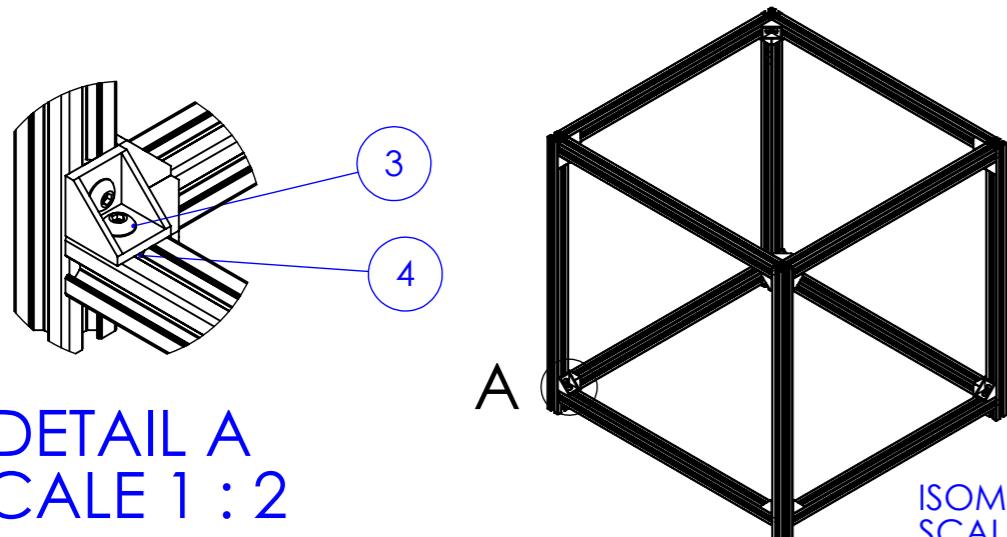
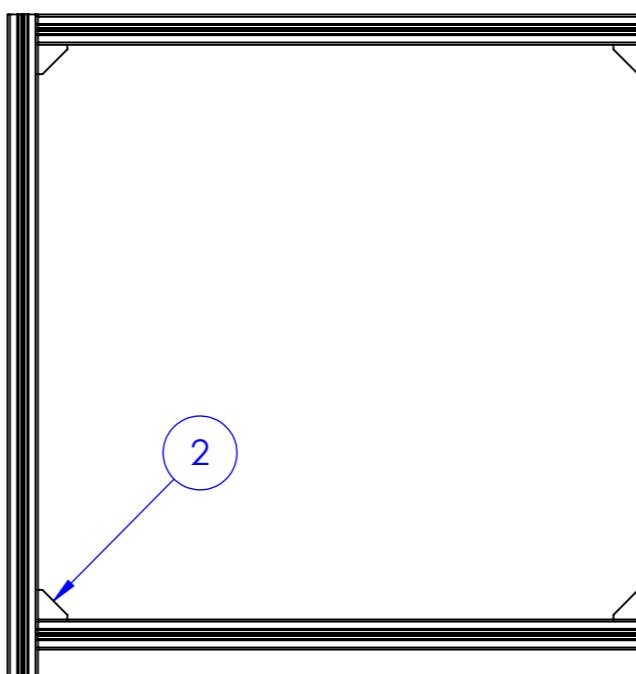


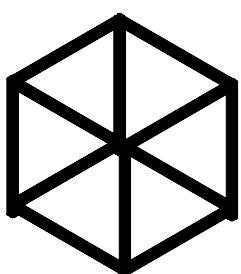
ITEM NO.	PART NUMBER	QTY.
1	Core XY Printer Frame Extrusions_0.01	1
2	20x20 angle bracket_0.01	24
3	BS EN ISO 7380 - M5 x 8 - 8N	48
4	M5 Pre Assembly T Slot Nut Steel	92



DETAIL A  
SCALE 1 : 2



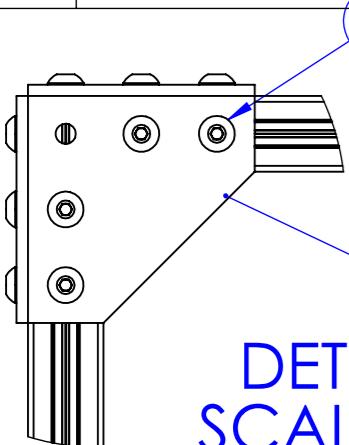
ISOMETRIC  
SCALE 1:10



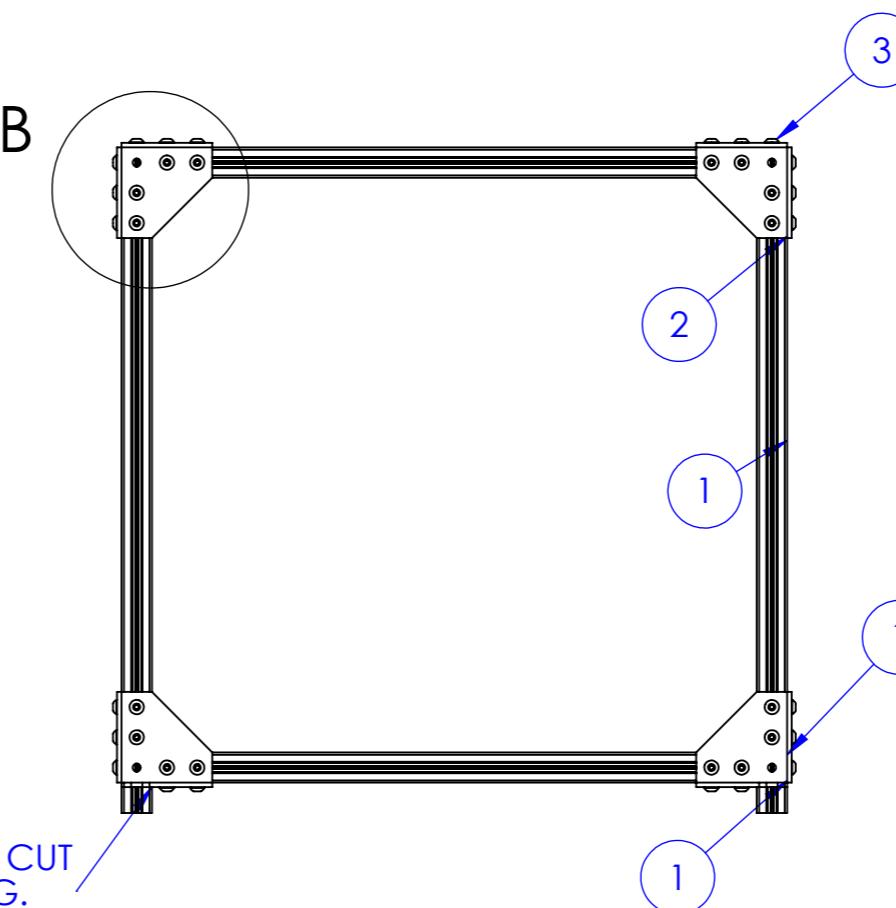
ITEM NO.	PART NUMBER	LENGTH (mm)	QTY.
1	Core XY Printer Frame Extrusions_0.01	1	1
1.1	2020 Aluminium Extrusion	440	4
1.2	2020 Aluminium Extrusion	380	4
1.3	2020 Aluminium Extrusion	400	4

- CHOOSE EITHER PLATES OR CORNERS. NOT BOTH.  
 - DIMENSIONS OF BOTH VARIATIONS ARE THE SAME.  
 - PLATES REQUIRES MORE FIXINGS, MORE EXPENSIVE PLATES,  
 AND CUTTING BUT MAY RESULT IN A BETTER STRUCTURE.  
 - ENSURE YOU HAVE 6MM SLOT AND 6MM SLOT NUTS.  
 - T SLOT NUT POSITIONS ON SHEET 2.  
 - FOR ASSEMBLY ASSISTANCE VISIT YOUTUBE.COM/CRTvideo

ITEM NO.	PART NUMBER	QTY.
1	Core XY Printer Frame Extrusions_0.01	1
2	Corner Brace_0.01	24
3	ISO 7380 - M5 x 10 - 10N	4
4	M5 Pre Assembly T Slot Nut Steel	140
5	BS EN ISO 7380 - M5 x 8 - 8N	96



DETAIL B  
SCALE 1 : 2

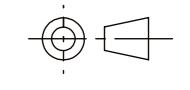


4 PLATES WILL NEED TO BE CUT  
TO ALLOW SPACE FOR LEG.

REVISION	1	DRAWN BY	A Meadows
DATE	01/03/2017	ENGINEER	ameadows

CHANGE NOTES	

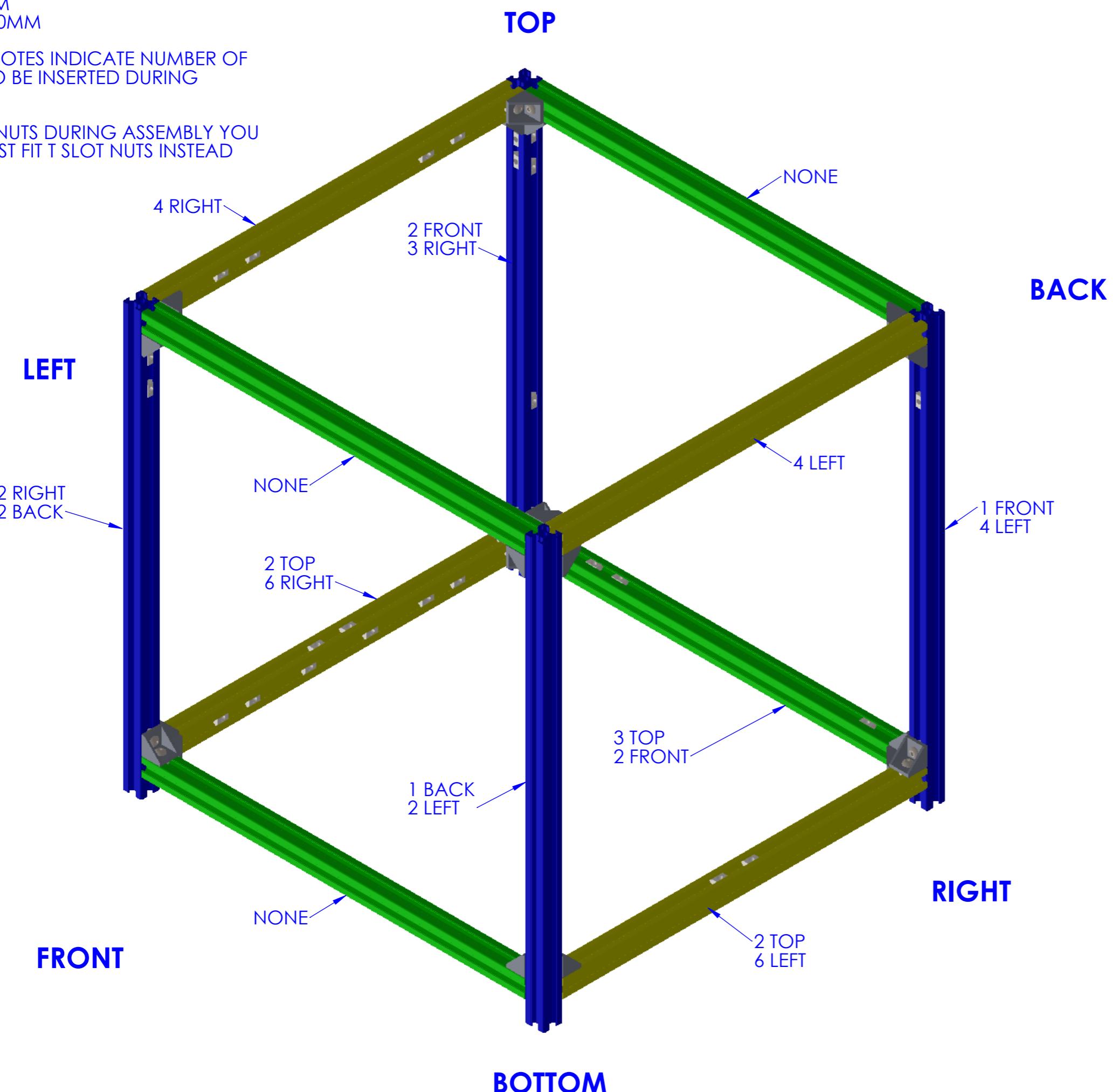
REMOVE ALL SHARP EDGES AND BURRS  
 PARTS TO BE CLEAN AND FREE FROM OIL AND GREASE  
 THE USER OF THIS DRAWING IS RESPONSIBLE FOR ENSURING  
 THEY HAVE THE LATEST ISSUE  
 DO NOT SCALE. WORK TO DIMENSIONS ONLY  
 DIMENSIONS IN MILLIMETRES

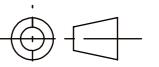
TOLERANCES UNLESS OTHERWISE SPECIFIED	TOLERANCE HIERARCHY IN DESCENDING ORDER		
	0-250mm	250-1000mm	1000+mm
	MACHINING	±0.1mm	±0.2mm
	HOLE SIZE	+0.3 mm -0 mm	+0.5 mm -0 mm
	HOLE POSITION	±0.3mm	±0.5mm
	FORM/PROFILE	±0.5mm	±1.0mm
MATERIAL	ASSEMBLIES/FABRICATIONS	±0.5mm	±1.0mm
	ANGLES	±0.3°	±0.1°
	SIZE	SEE COMPONENT PARTS	
	MATERIAL	SEE COMPONENT PARTS	
SPEC	SPEC	SEE COMPONENT PARTS	
	FINISH	None	
	DRAWING SCALE	1:5	
	DRAWING SIZE	A3	
TITLE: Frame Assembly_0.01			
STATUS: Released			
ESTIMATED MASS	3.10Kg	SHEET 1 OF 2	

GREEN= 400MM  
BLUE= 440MM  
YELLOW= 380MM

ATTACHED NOTES INDICATE NUMBER OF SLOT NUTS TO BE INSERTED DURING ASSEMBLY.

IF YOU MISS NUTS DURING ASSEMBLY YOU CAN USE POST FIT T SLOT NUTS INSTEAD



REVISION	1	DRAWN BY	A Meadows		
DATE	01/03/2017	ENGINEER	ameadows		
CHANGE NOTES					
GENERAL NOTES	REMOVE ALL SHARP EDGES AND BURRS PARTS TO BE CLEAN AND FREE FROM OIL AND GREASE THE USER OF THIS DRAWING IS RESPONSIBLE FOR ENSURING THEY HAVE THE LATEST ISSUE DO NOT SCALE. WORK TO DIMENSIONS ONLY DIMENSIONS IN MILLIMETRES				
TOLERANCES UNLESS OTHERWISE SPECIFIED	TOLERANCE HIERARCHY IN DESCENDING ORDER	0-250mm	250-1000mm	1000+mm	
	MACHINING	±0.1mm	±0.2mm	±0.5mm	
	HOLE SIZE	+0.3 mm -0 mm	+0.5 mm -0 mm	+0.5 mm -0 mm	
	HOLE POSITION	±0.3mm	±0.5mm	±0.5mm	
	FORM/PROFILE	±0.5mm	±1.0mm	±1.0mm	
	ASSEMBLIES/FABRICATIONS	±0.5mm	±1.0mm	±2.0mm	
	ANGLES	±0.3°	±0.1°	±0.1°	
MATERIAL	SIZE	SEE COMPONENT PARTS			
	MATERIAL	SEE COMPONENT PARTS			
	SPEC	SEE COMPONENT PARTS			
	FINISH	None			
DRAWING SCALE	1:2				
DRAWING SIZE	A3				
TITLE: Frame Assembly_0.01					
STATUS: Released					
ESTIMATED MASS	3.10Kg	SHEET 2 OF 2			