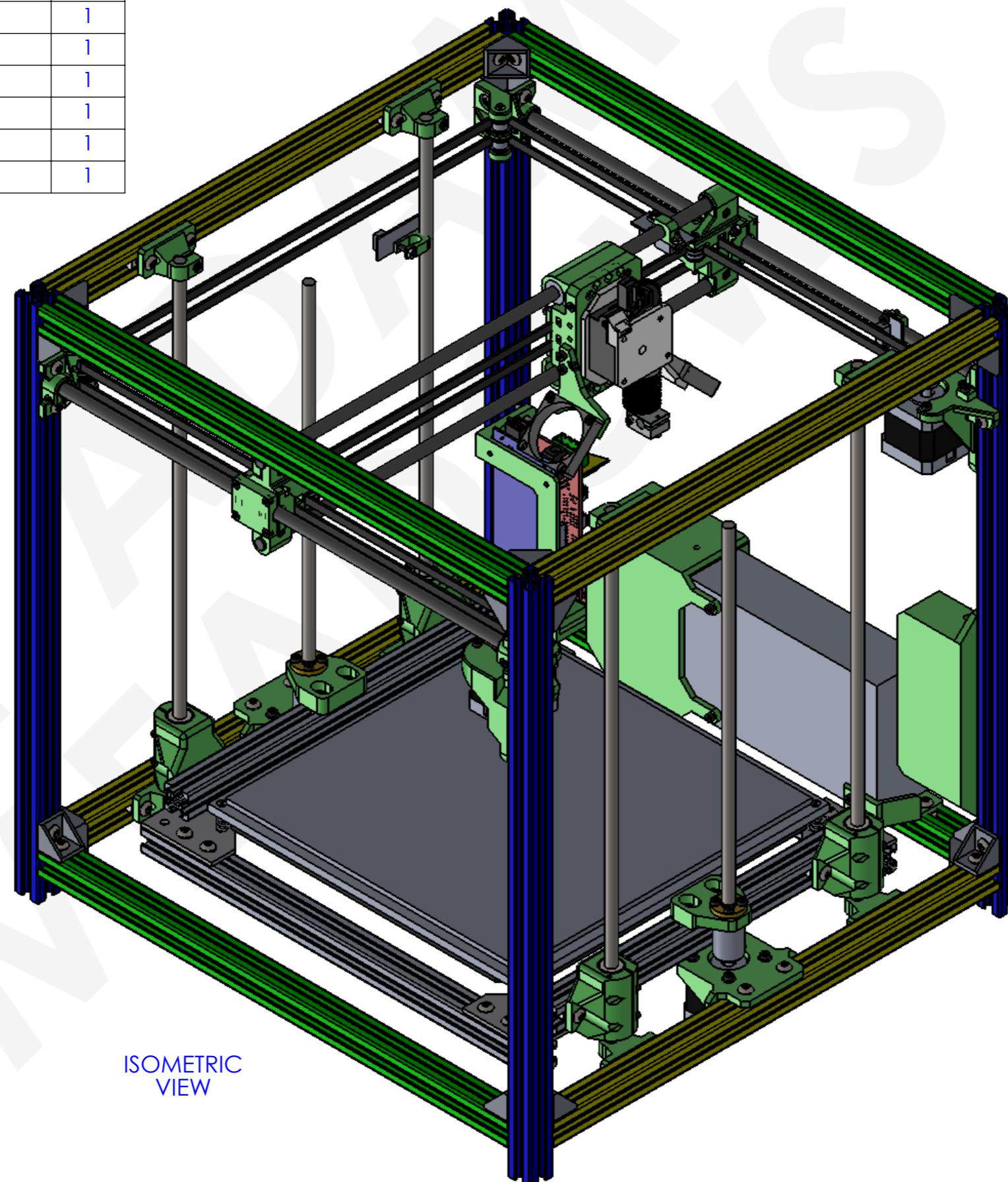
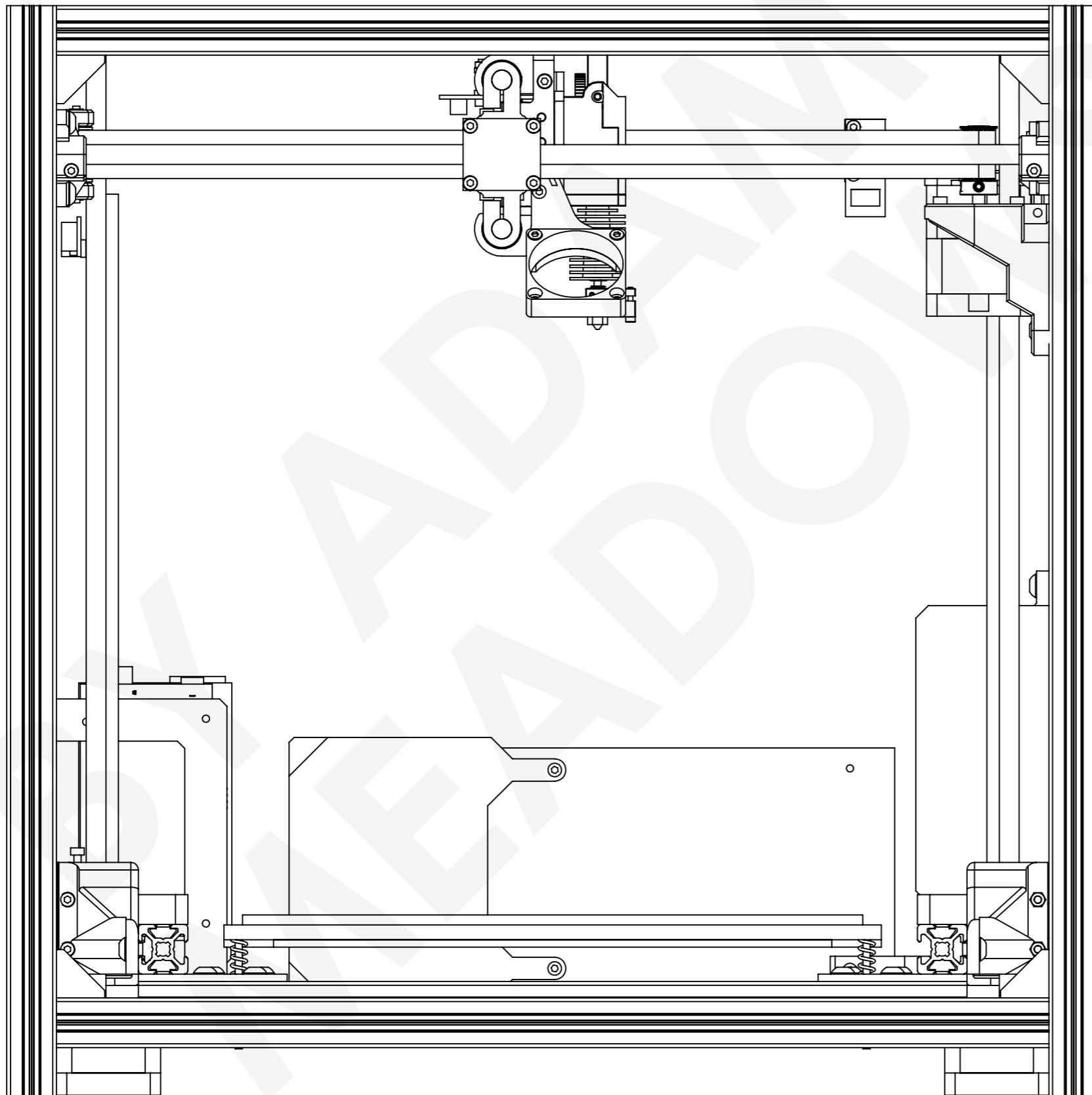


ITEM NO.	DESCRIPTION	QTY.
1	Frame Assembly_0.01	1
2	Z Axis Assembly_0.01	1
3	Bed Platform Assembly_0.01	1
4	Gantry Assembly_0.01	1
5	XY Idler Assembly_0.01	1
6	Y Axis Assembly_0.01	1
7	Gantry Head Assembly_0.01	1
8	Power supply assembly_0.01	1
9	SSR Assembly_0.01	1
10	Control Board Assembly_0.01	1
11	End Stops Assembly_0.01	1



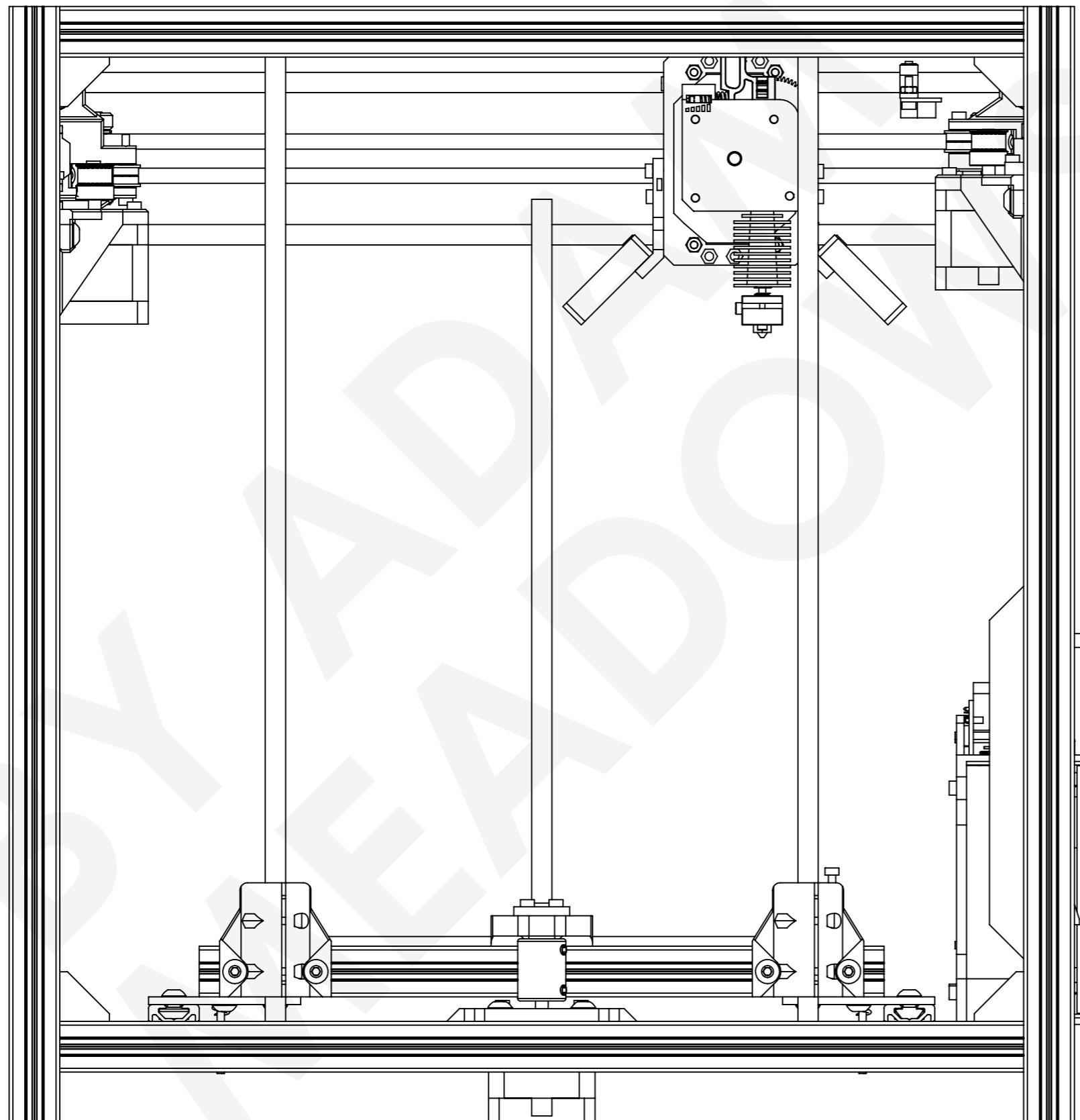
REVISION	1	DRAWN BY	A Meadows		
	DATE	02/03/2017	ENGINEER		
CHANGE NOTES					
GENERAL NOTES	REMOVE ALL SHARP EDGES AND BURRS PARTS TO BE CLEAN AND FREE FROM OIL AND GREASE THE USER OF THIS DRAWING IS RESPONSIBLE FOR ENSURING THEY HAVE THE LATEST ISSUE DO NOT SCALE. WORK TO DIMENSIONS ONLY DIMENSIONS 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	1:3				
DRAWING SIZE	A3				
TITLE: S.T.E.V.E v0.01 Full Assembly					
STATUS: WIP					
ESTIMATED MASS	6.95Kg		SHEET 1 OF 5		



FRONT

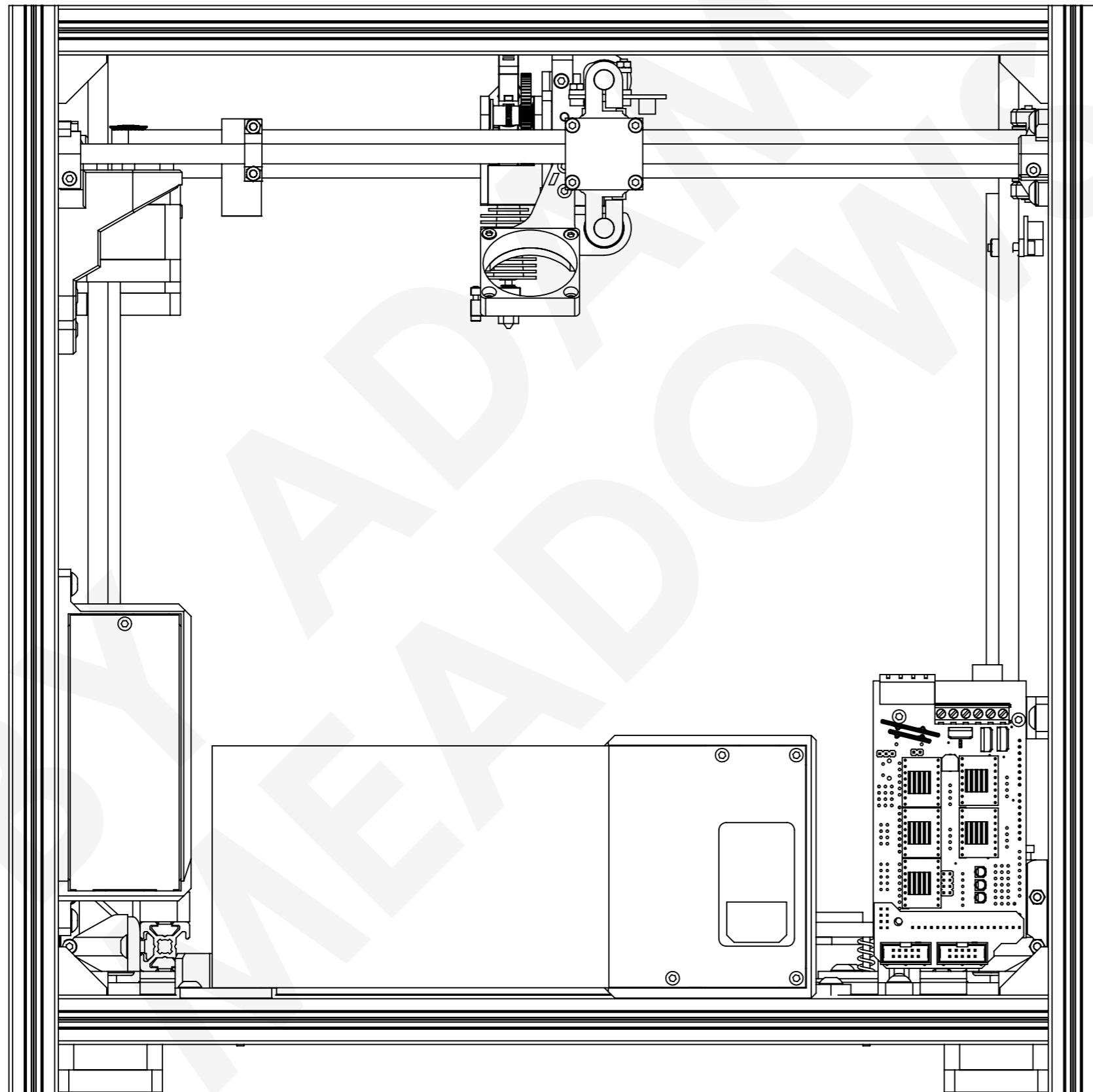
REVISION	1	DRAWN BY	A Meadows		
DATE	02/03/2017	ENGINEER	A Meadows		
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	ANGLES	±0.3°	±0.1°	±0.1°	
MATERIAL	SIZE	SEE COMPONENT PARTS			
	MATERIAL	SEE COMPONENT PARTS			
	SPEC	SEE COMPONENT PARTS			
	FINISH	None			
DRAWING SCALE	1:2				
DRAWING SIZE	A3				
TITLE: S.T.E.V.E v0.01 Full Assembly					
STATUS: WIP					
ESTIMATED MASS	6.95Kg		SHEET 2 OF 5		

REVISION	1	DRAWN BY	A Meadows
DATE	02/03/2017	ENGINEER	A Meadows

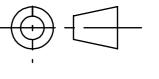
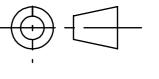


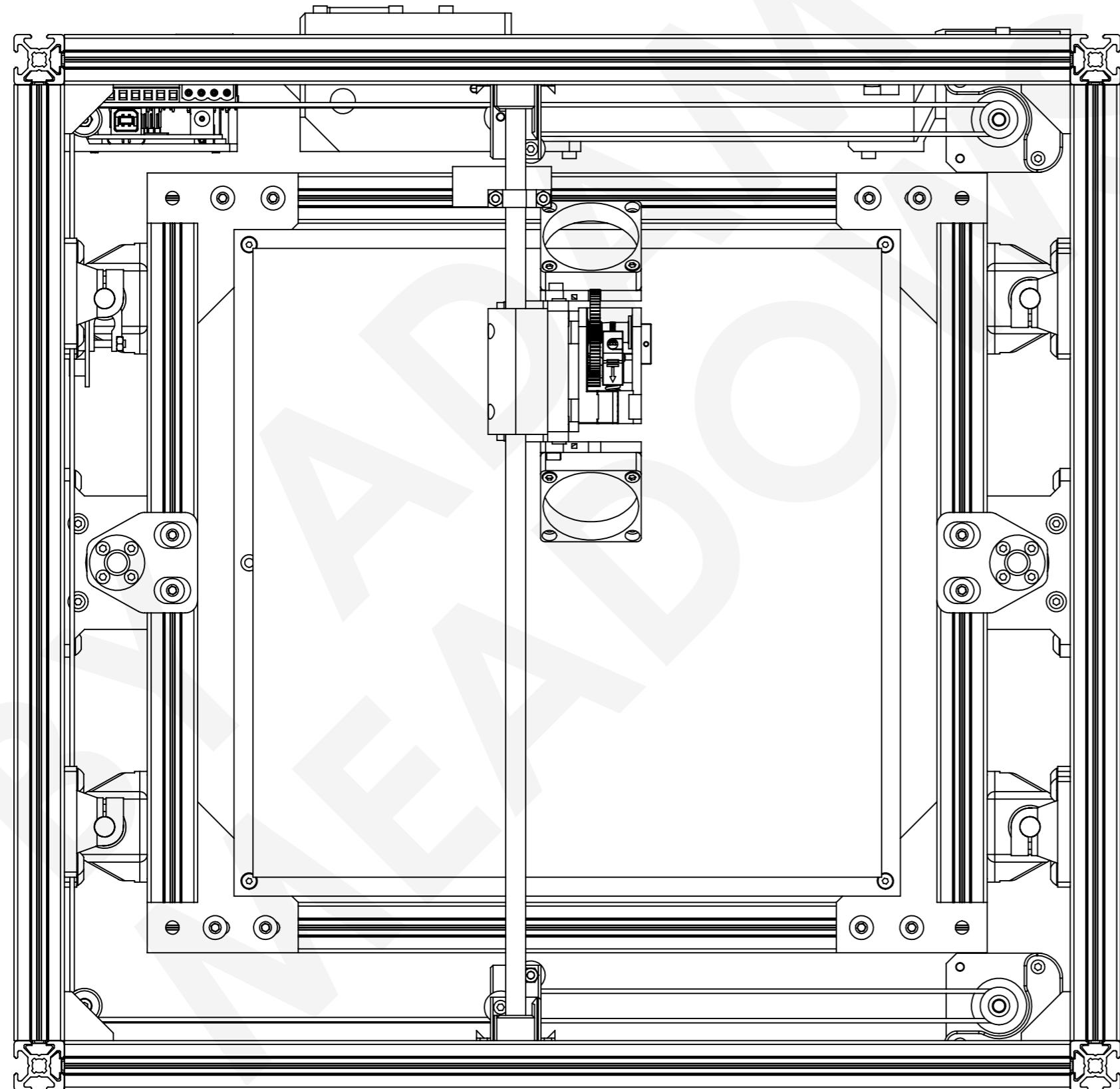
RIGHT SIDE

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				
GENERAL NOTES					
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	FORM/PROFILE	±0.5mm	±1.0mm	±1.0mm	
	ASSEMBLIES/FABRICATIONS	±0.5mm	±1.0mm	±2.0mm	
MATERIAL	ANGLES	±0.3°	±0.1°	±0.1°	
	SIZE	SEE COMPONENT PARTS			
	MATERIAL	SEE COMPONENT PARTS			
	SPEC	SEE COMPONENT PARTS			
DRAWING SCALE	FINISH	None			
	1:2				
	A3				
TITLE: S.T.E.V.E v0.01 Full Assembly			1		
STATUS: WIP			A Drawn By A Meadows		
ESTIMATED MASS	6.95Kg	SHEET 3 OF 5			



REAR

REVISION	1	DRAWN BY	A Meadows																												
DATE	02/03/2017	ENGINEER	A Meadows																												
CHANGE NOTES																															
GENERAL NOTES	<p>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</p>																														
TOLERANCES UNLESS OTHERWISE SPECIFIED	<table border="1"> <thead> <tr> <th>TOLERANCE HIERARCHY IN DESCENDING ORDER</th> <th>0-250mm</th> <th>250-1000mm</th> <th>1000+mm</th> </tr> </thead> <tbody> <tr> <td>MACHINING</td> <td>±0.1mm</td> <td>±0.2mm</td> <td>±0.5mm</td> </tr> <tr> <td>HOLE SIZE</td> <td>+0.3 mm -0 mm</td> <td>+0.5 mm -0 mm</td> <td>+0.5 mm -0 mm</td> </tr> <tr> <td>HOLE POSITION</td> <td>±0.3mm</td> <td>±0.5mm</td> <td>±0.5mm</td> </tr> <tr> <td>FORM/PROFILE</td> <td>±0.5mm</td> <td>±1.0mm</td> <td>±1.0mm</td> </tr> <tr> <td>ASSEMBLIES/FABRICATIONS</td> <td>±0.5mm</td> <td>±1.0mm</td> <td>±2.0mm</td> </tr> <tr> <td>ANGLES</td> <td>±0.3°</td> <td>±0.1°</td> <td>±0.1°</td> </tr> </tbody> </table>			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°
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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: S.T.E.V.E v0.01 Full Assembly																															
STATUS: WIP																															
ESTIMATED MASS	6.95Kg		SHEET 4 OF 5																												



TOP

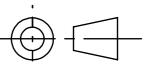
REVISION	1	DRAWN BY	A Meadows
DATE	02/03/2017	ENGINEER	A Meadows

CHANGE NOTES

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MATERIAL	SIZE	SEE COMPONENT PARTS	
	MATERIAL	SEE COMPONENT PARTS	
	SPEC	SEE COMPONENT PARTS	
	FINISH	None	

DRAWING SCALE	1:2	
DRAWING SIZE	A3	

TITLE: S.T.E.V.E v0.01 Full Assembly

STATUS: WIP

ESTIMATED MASS 6.95Kg SHEET 5 OF 5