

Assemble the 12 items together as shown without tightening down any screws. Lay the loose assembly down on a flat surface.

Exact locations of the brackets do not matter yet.

The short red extrusions are for squaring the frame and will be removed later.

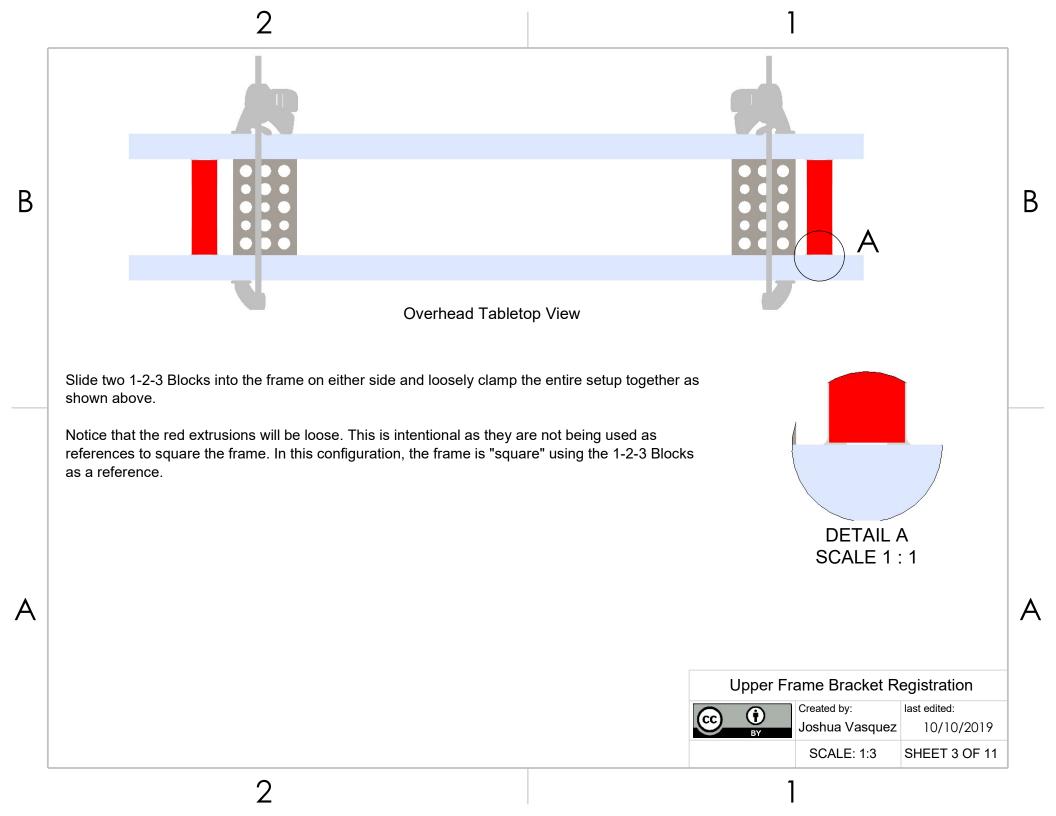
ITEM NO.	DESCRIPTION	QTY.
1	583mm TSlot Extrusion	2
2	Inside corner bracket	8
3	75mm Temporary TSlot Extrusion for Squaring	2

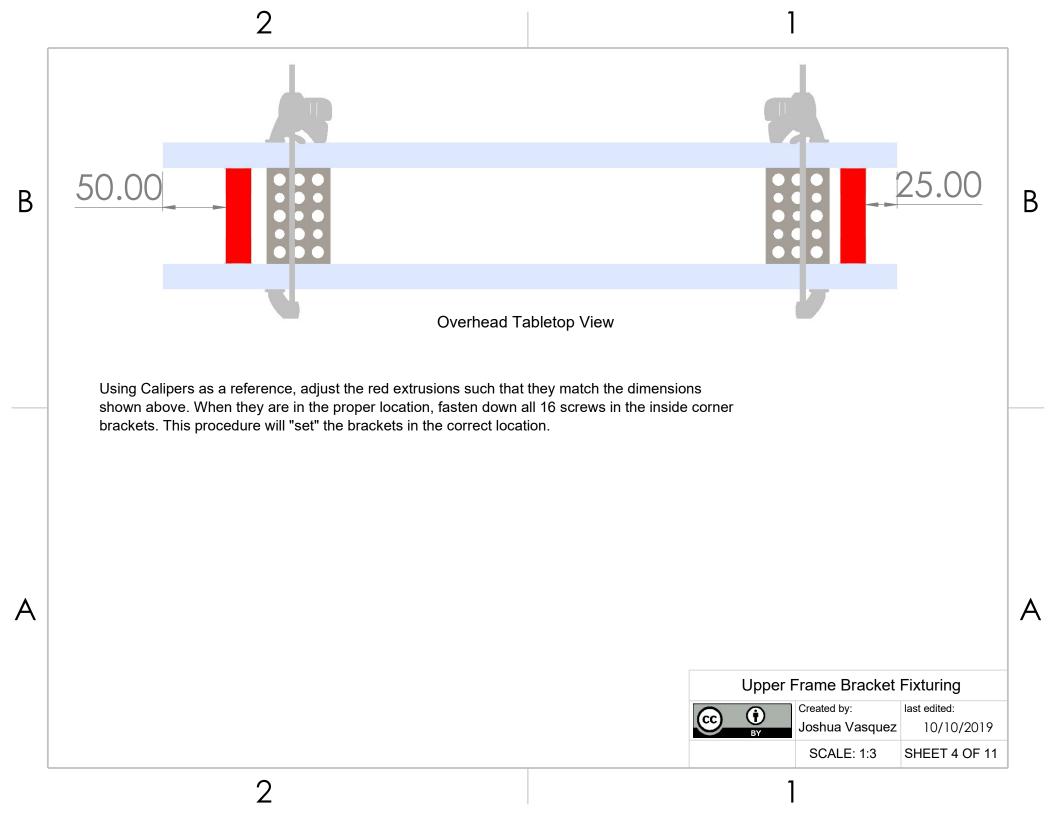
	Upper Frame Squaring Setup			
<u></u>	(i)	Created by: Joshua Vasquez	last edited: 10/10/2019	
		SCALE: 1:4	SHEET 2 OF 11	

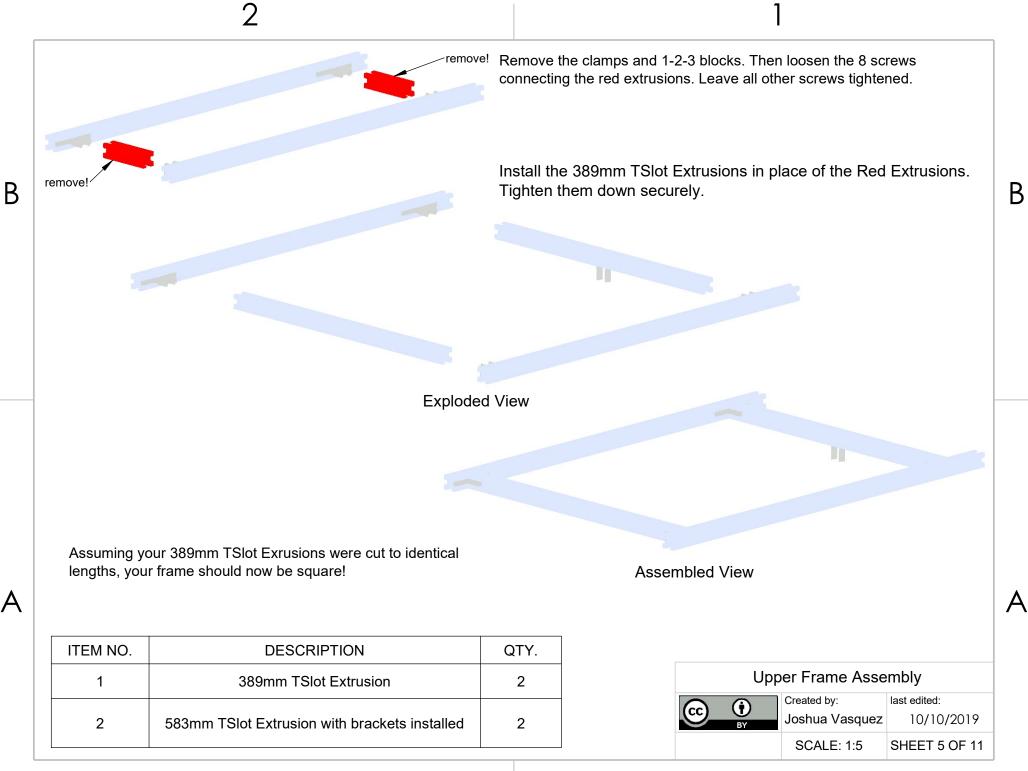
2

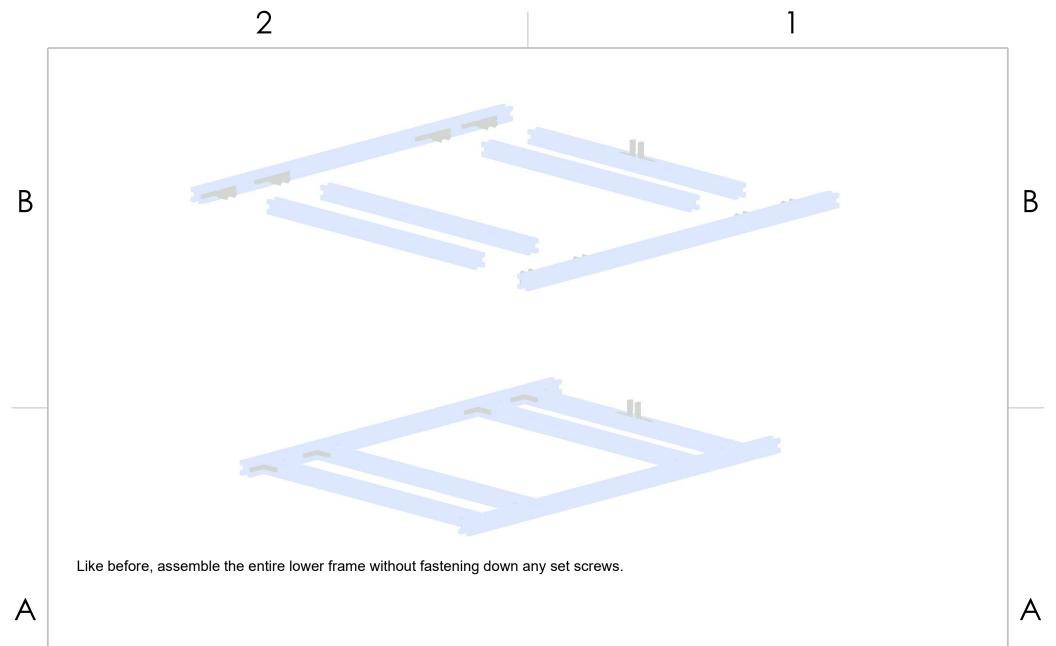
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Assembled View









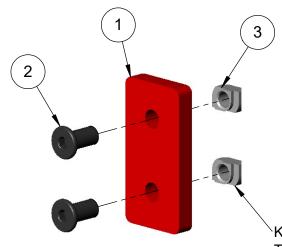
ITEM NO.	DESCRIPTION	QTY.
1	389mm TSlot Extrusion	4
2	583mm TSlot Extrusion	2
3	Inside corner bracket	18

Lower Frame Loose Assembly			
CC	()	Created by: Joshua Vasquez	last edited: 10/10/2019
		SCALE: 1:5	SHEET 6 OF 11

В

Make 8 of the following assemblies.

В



Keep these T-Nuts Loose; only two full turns. They will be tightened into the frame later.

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ITEM NO.	DESCRIPTION	QTY.
1	Outer Frame Squaring Plate	8
2	M5 x 0.8 Screw, Low Profile, 10mm	16
3	M5 Drop-In T-Nut for 20x20 Extrusion	16

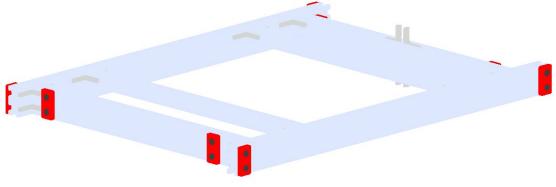
Squaring Bracket Assembly			
(3)	BY	Created by: Joshua Vasquez	last edited: 10/10/2019
		SCALE: 1:1	SHEET 7 OF 11

В

Join the prior frame with the loose frame "back-to-back" such that the dangling corner brackets do not interfere with each other. Then install the 8 plate assemblies into the corner and tighten them down such that the frame is "pulled" into the shape by the frame from the prior step.

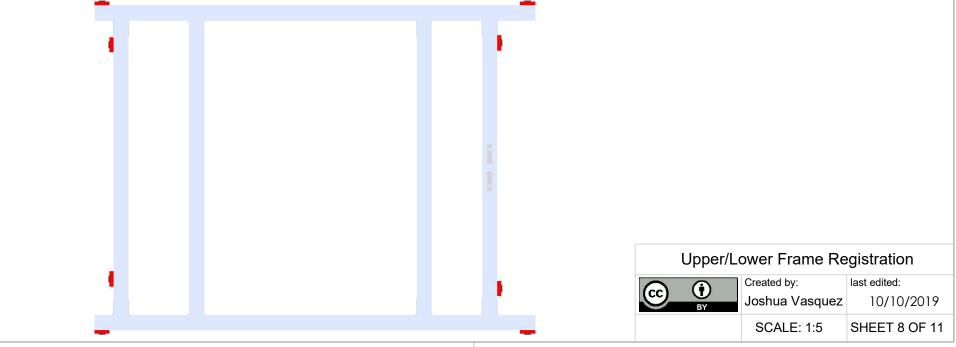
Note: This process is made easier by dangling the frame over a table such that the corner brackets do not prevent the frame from resting flat on the table surface.

В



Clamp down the outer frame with the temporary red plates as shown below. This step will pull the lower frame into a configuration that matches the upper frame.

Then clamp down the setscrews in the outer frame extrusions. (The inner extrusions will be clamped down later.)



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