Kids Table & Chair Set (Metric)



This easy-to-build Kids Table & Chair set is made with one single sheet of plywood and features basic joinery and knock-down hardware. The table features a removable top and storage for toys, books, or art supplies. To make it, all you need is a circular saw, a drill, a router, and a jig saw. A table saw and chop saw will make your life easier but aren't absolutely necessary.

The Kids Table & Chairs is the 2015 Woodworkers Fighting Cancer charity project. Learn more about this yearly event at and how you can help by visiting WoodworkersFightingCancer.com.

Design & Plans: Marc Spagnuolo & Scott Seganti Version 1.1
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Cut List

	Part ID	Part Description	Material	Qty	Length mm	Width mm	Thickness
Chairs	A	Chair Side*	19mm Plywood	4	635	381	19
	B	Chair Seat	19mm Plywood	2	305	216	19
	C	Chair Back	19mm Plywood	2	305	102	19
	D	Chair Stretcher	19mm Plywood	2	305	102	19
Table	E	Table Top	19mm Plywood	1	762	610	19
	F	Table Bottom	19mm Plywood	1	692	502	19
	G	Apron (Short)	19mm Plywood	2	483	108	19
	H	Apron (Long)	19mm Plywood	2	711	108	19
	I	Grid 1 (optional)	19mm Plywood	1	673	89	19
	J	Grid 2 (optional)	19mm Plywood	1	483	89	19
	K	Table Leg	19mm Plywood	8	559	102	19
	L	Cleat **	19mm Plywood	2	127	25	19

Totals	Material	Length	Width	Qty
	19mm Plywood	8’	4’	1
	6.35mm Dowel Stock	100mm		1

Hardware

(12) Threaded Inserts - EZ Lock - 1/4”-20, .789” Long

(20) 1 1/8” Long, 1/4”-20 Connector Bolts (chair bolts could benefit from being up to 1 1/2” long but 1 1/8” will get the job done.)

(8) Cap Nuts

(24) 1 1/2” Long, 3/8” Diameter Dowels

Notes

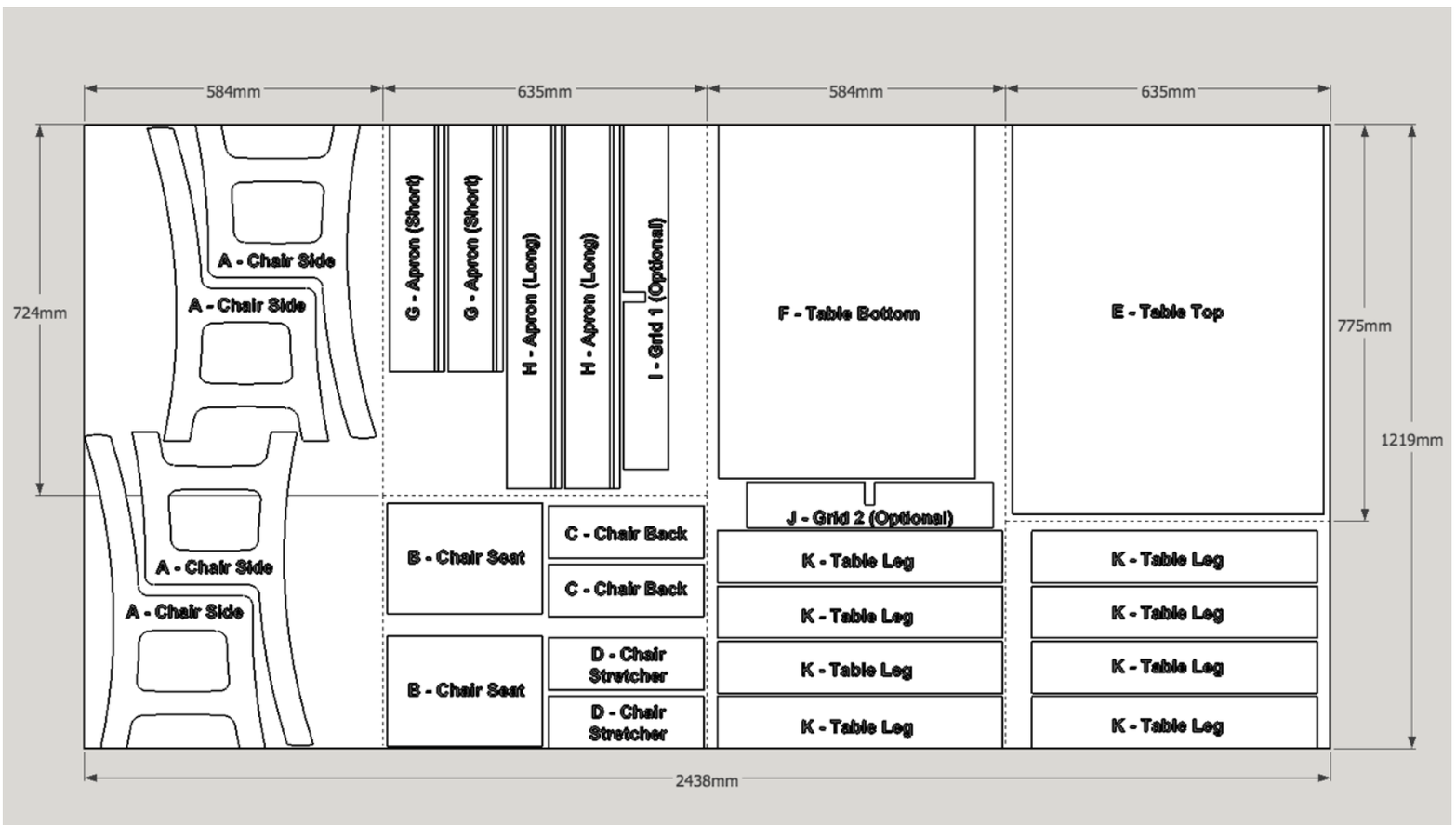
Notes: Because this is intended to be a painted project, we disregard grain direction in our cut diagram. If you plan to use a clear finish on your project, you may need additional sheets of plywood to achieve proper grain direction on all parts.

* We provide an approximate length and width that the chair side fits within, but you should nest them as shown in the Cut Diagram for most efficient use of material.

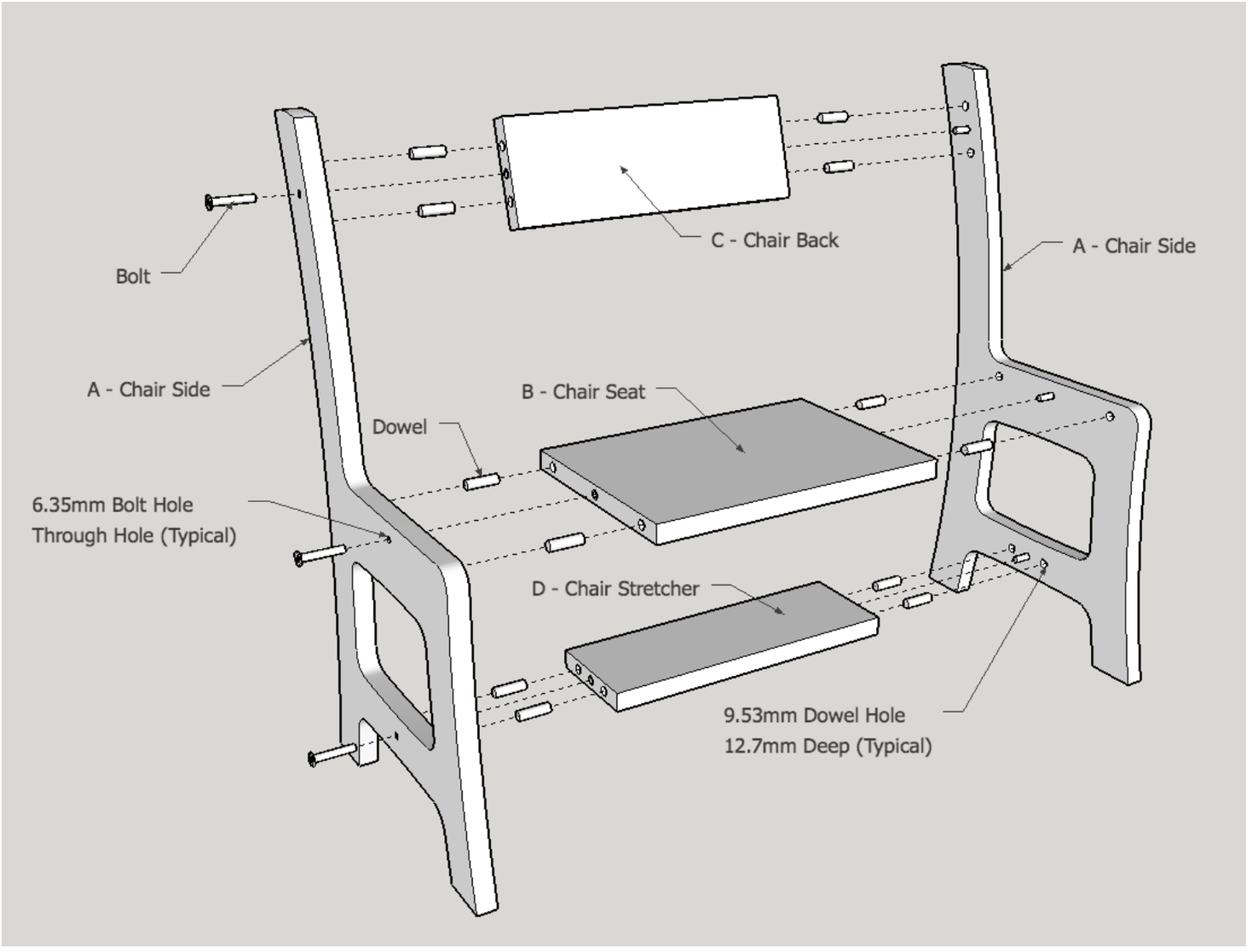
** The cleat and dowel pin handle can be cut from scrap stock and the dimensions aren’t critical. The pin handle is not included in the cut list.

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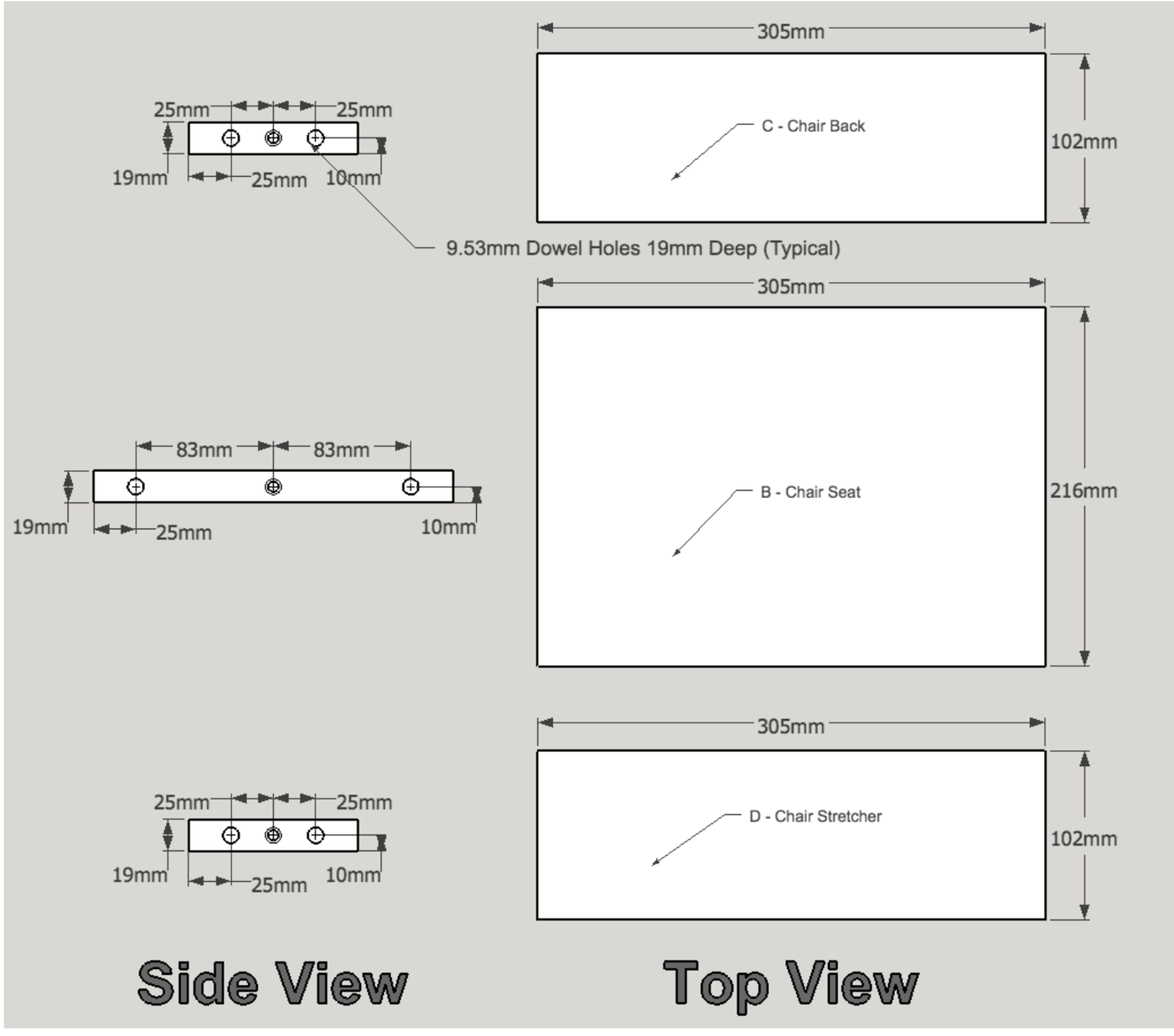
Cut Diagram



Exploded Chair

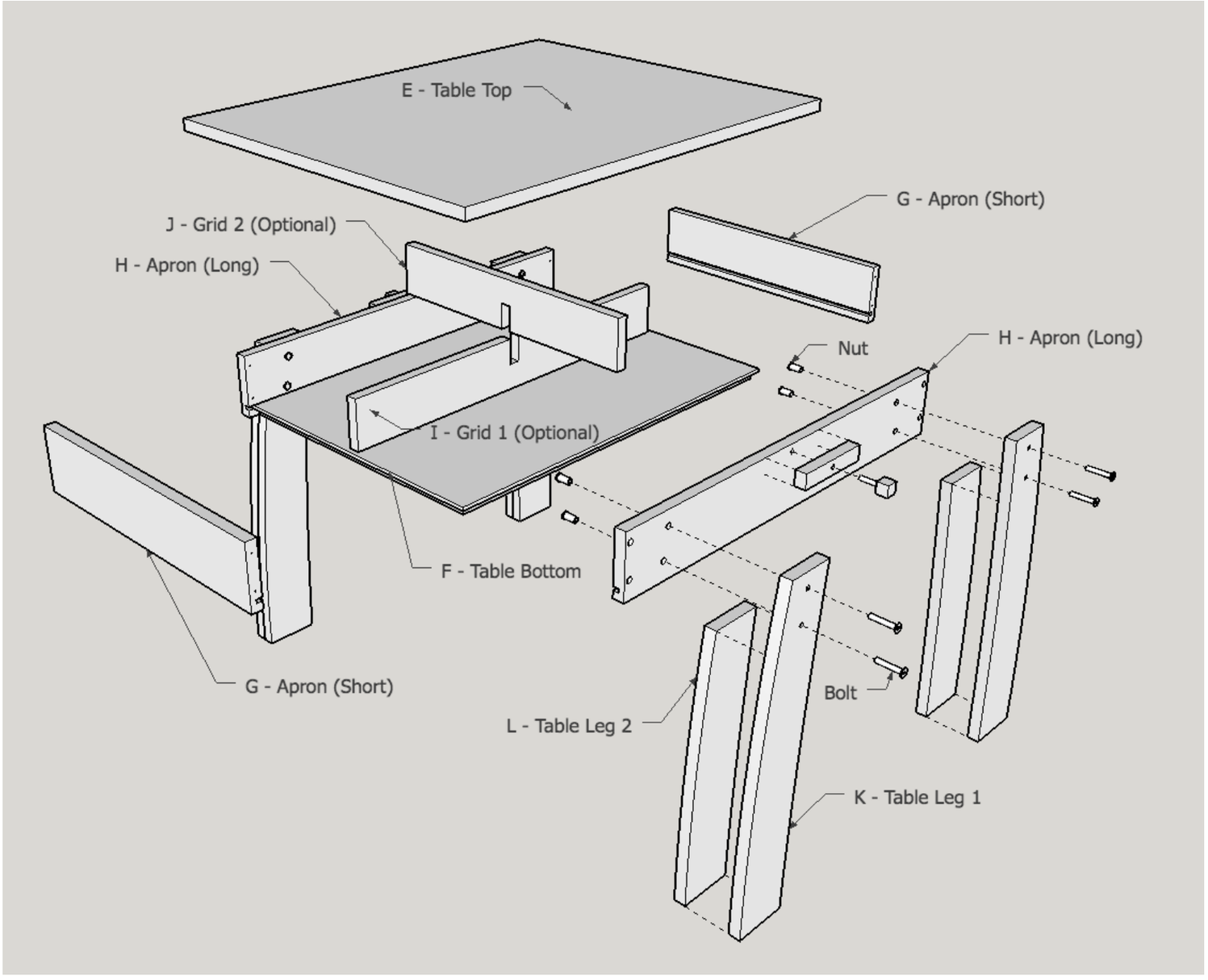


Chair Parts


25mm
25mm
19mm
25mm
10mm
9.53mm Dowel Holes 19mm Deep (Typical)
305mm
C - Chair Back
102mm
83mm
83mm
19mm
25mm
10mm
305mm
B - Chair Seat
216mm
25mm
25mm
19mm
25mm
10mm
305mm
D - Chair Stretcher
102mm
Side View
Top View

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Exploded Table



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Table Aprons

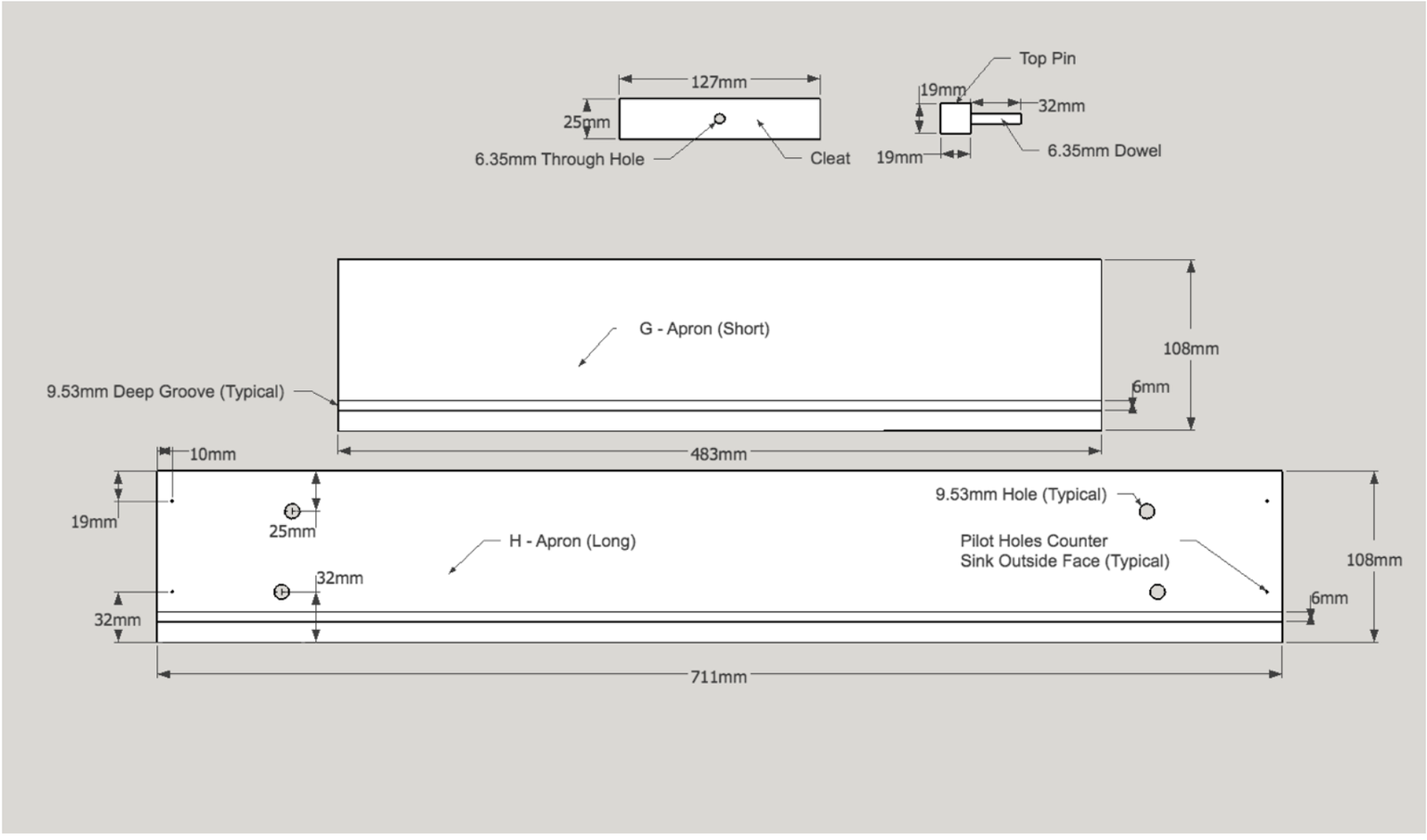


Table Top

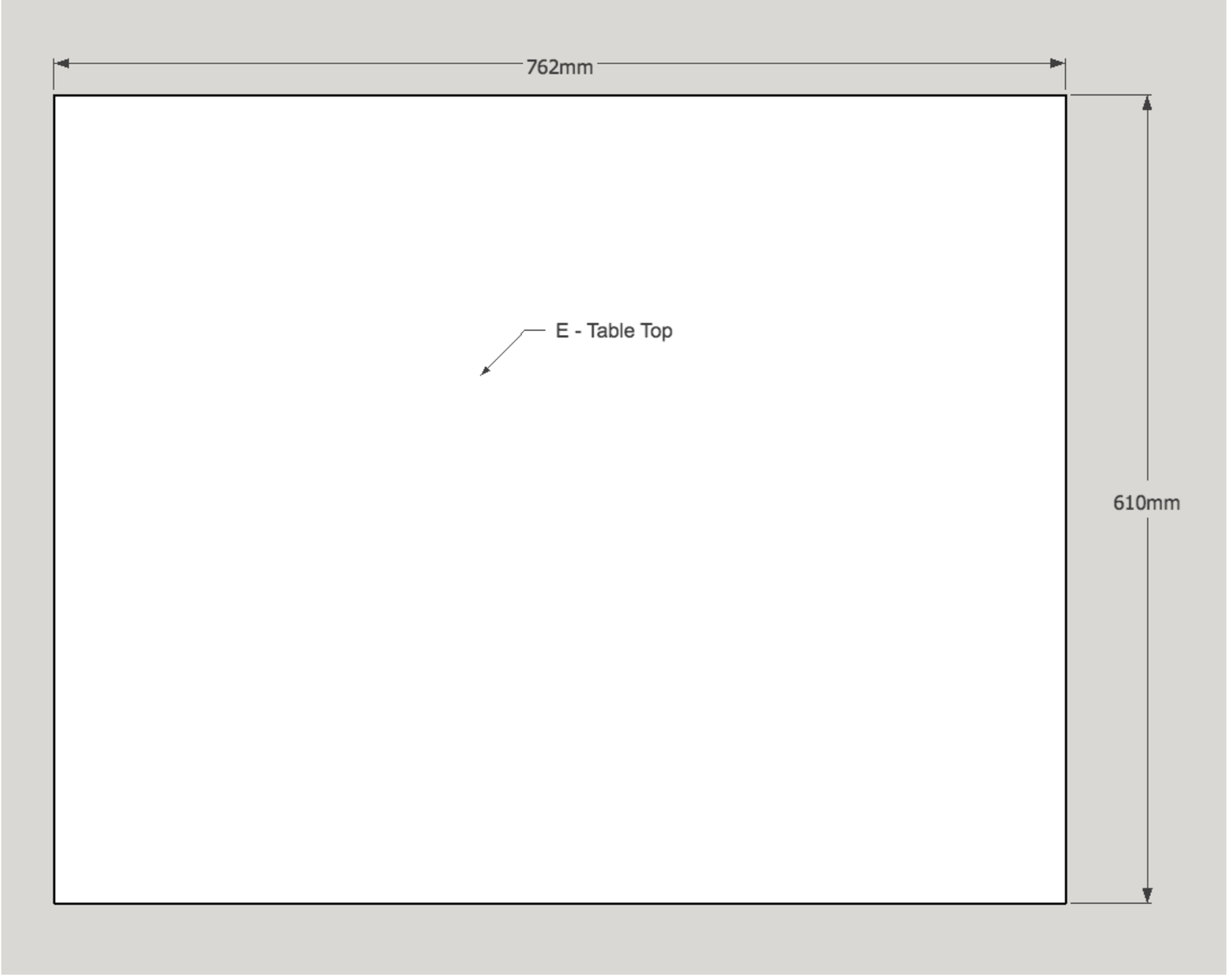
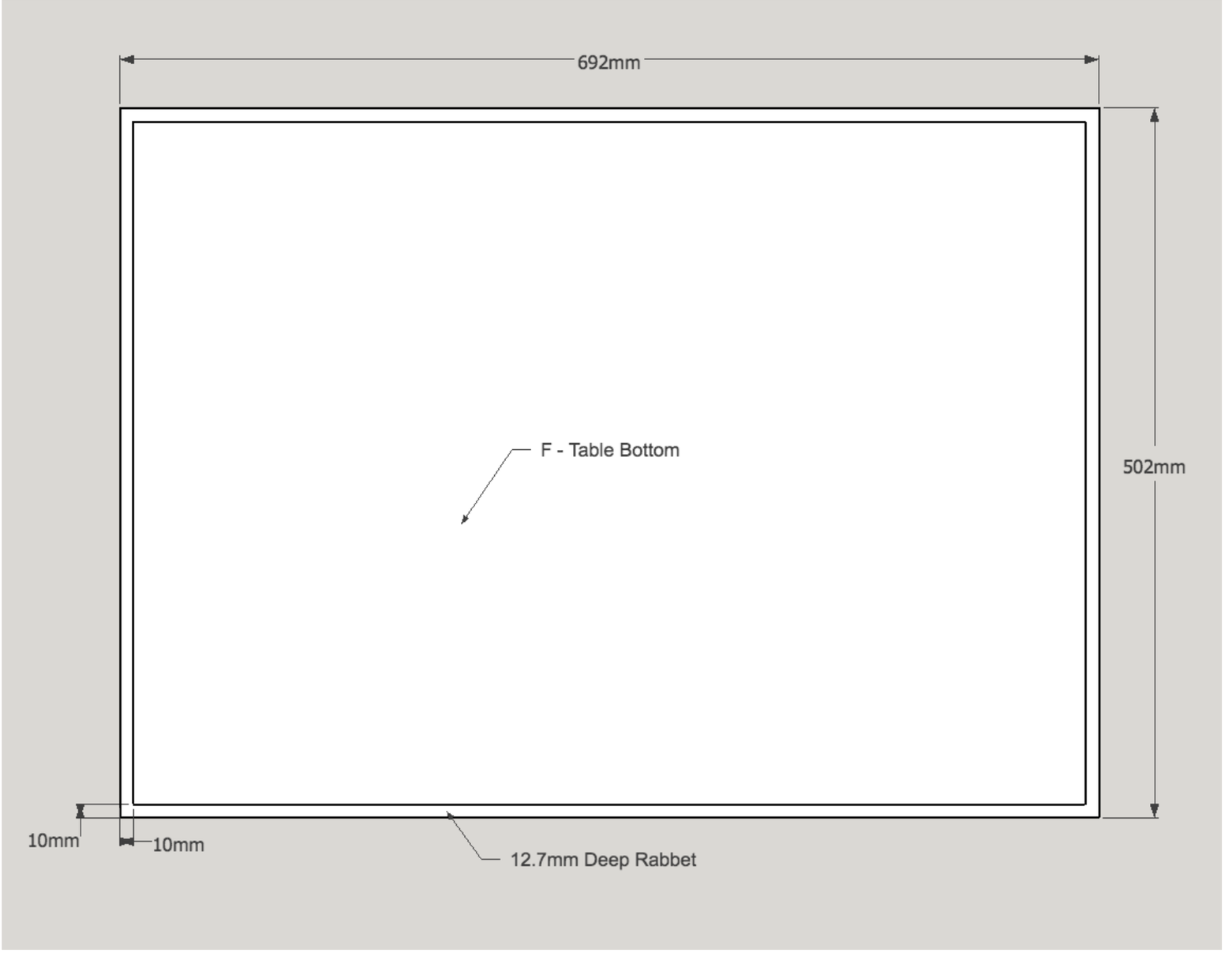


Table Bottom



Optional Grid

