Kids Table & Chair Set



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	Width	Thickness
Chairs	A	Chair Side*	3/4” Plywood	4	25”	15”	3/4”
	B	Chair Seat	3/4” Plywood	2	12”	8 1/2”	3/4”
	C	Chair Back	3/4” Plywood	2	12”	4”	3/4”
	D	Chair Stretcher	3/4” Plywood	2	12”	4”	3/4”
Table	E	Table Top	3/4” Plywood	1	30”	24”	3/4”
	F	Table Bottom	3/4” Plywood	1	27 1/4”	19 3/4”	3/4”
	G	Apron (Short)	3/4” Plywood	2	19”	4 1/4”	3/4”
	H	Apron (Long)	3/4” Plywood	2	28”	4 1/4”	3/4”
	I	Grid 1 (optional)	3/4” Plywood	1	26 1/2”	3 1/2”	3/4”
	J	Grid 2 (optional)	3/4” Plywood	1	19”	3 1/2”	3/4”
	K	Table Leg	3/4” Plywood	8	22”	4”	3/4”
	L	Cleat **	3/4" Plywood	2	5	1”	3/4”

Totals	Material	Length	Width	Qty
	3/4” Plywood	8’	4’	1
	1/4” Dowel Stock	4”		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

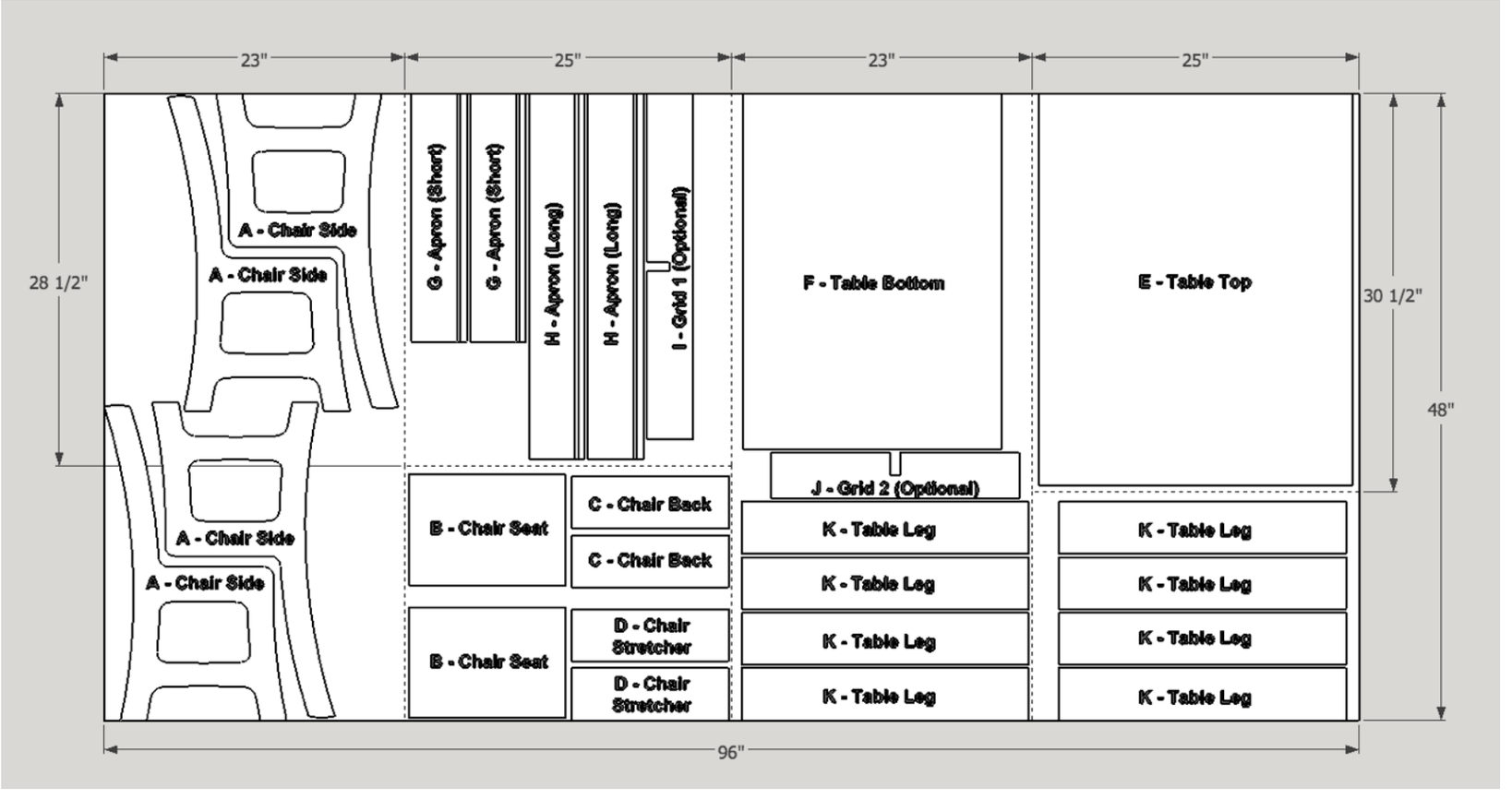
Notes: Because this is intended to be a painted project, we disregard grain direction in our cut diagram. If you plan to use a clear finish on your project, you may need additional sheets of plywood to achieve proper grain direction on all parts.

* 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.

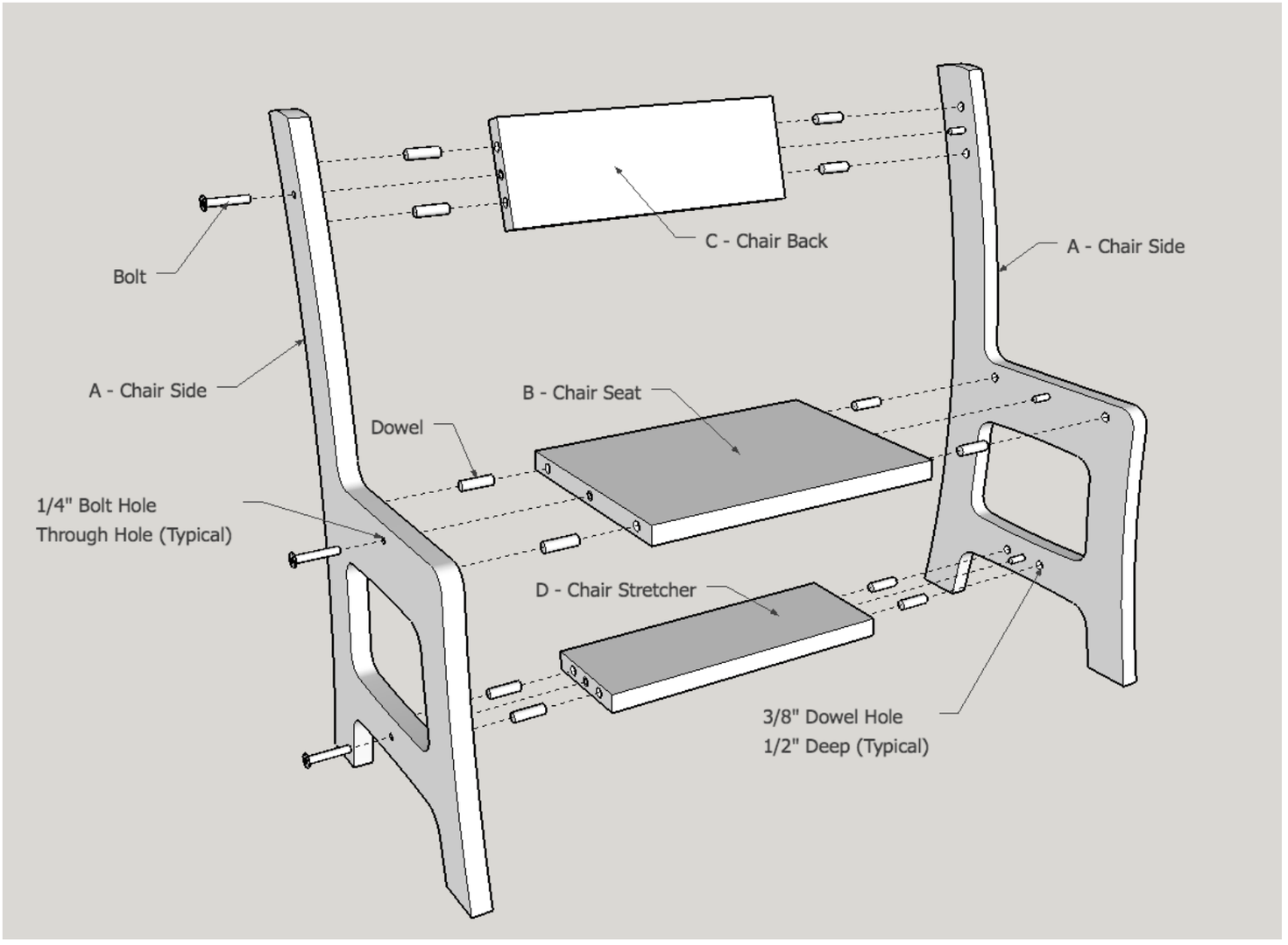
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Cut Diagram



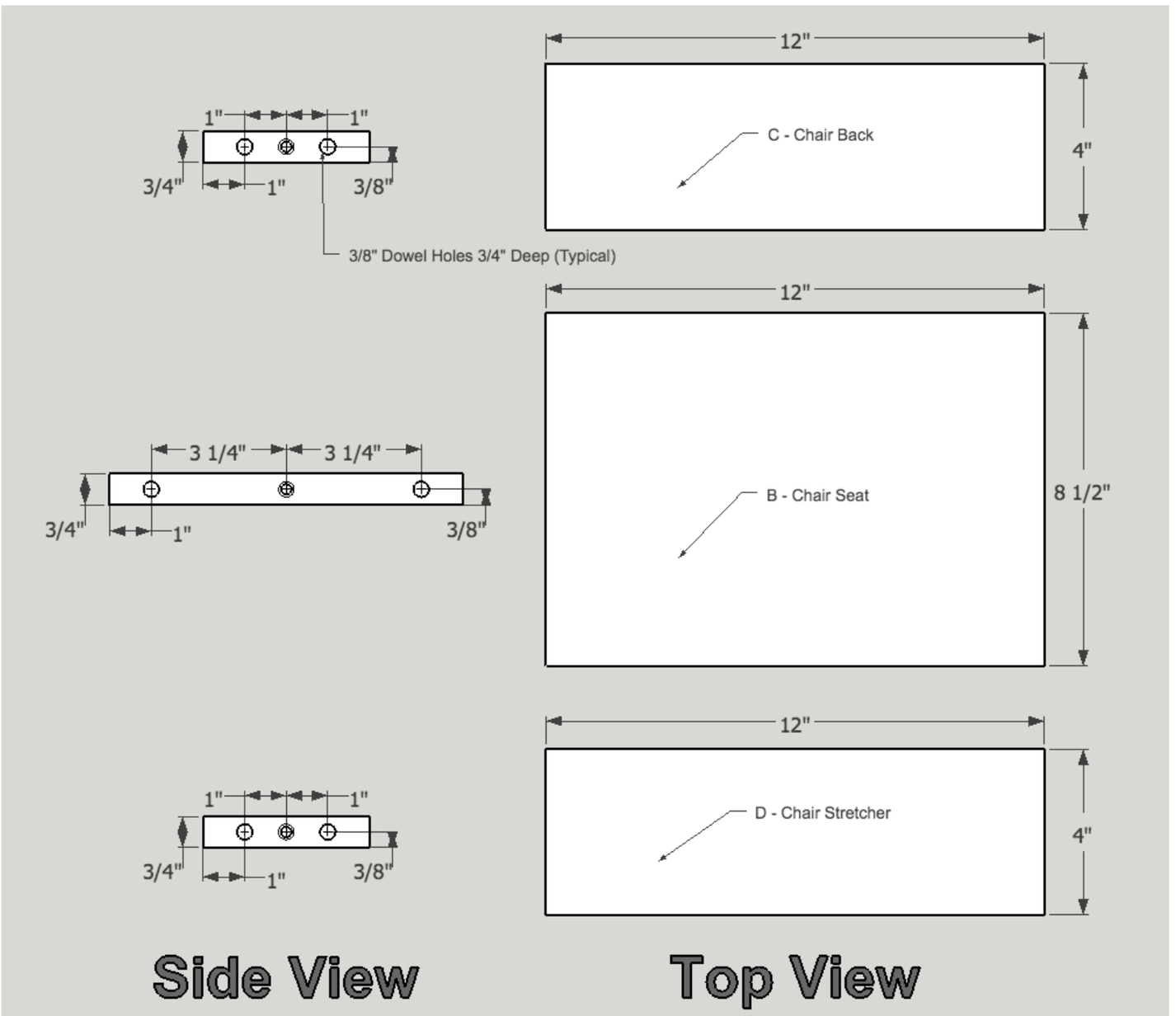
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Exploded Chair



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Chair Parts



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Exploded Table

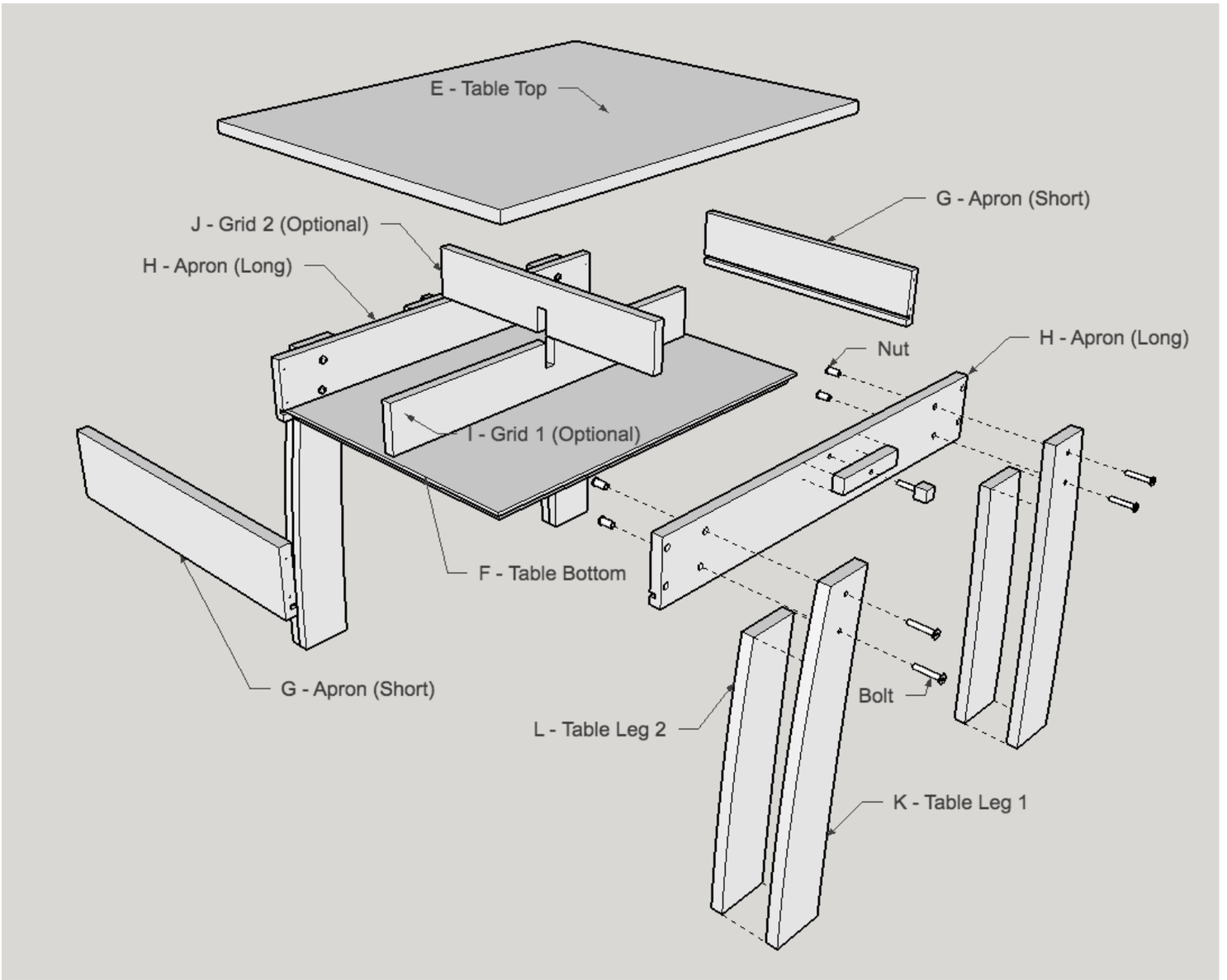


Table Aprons

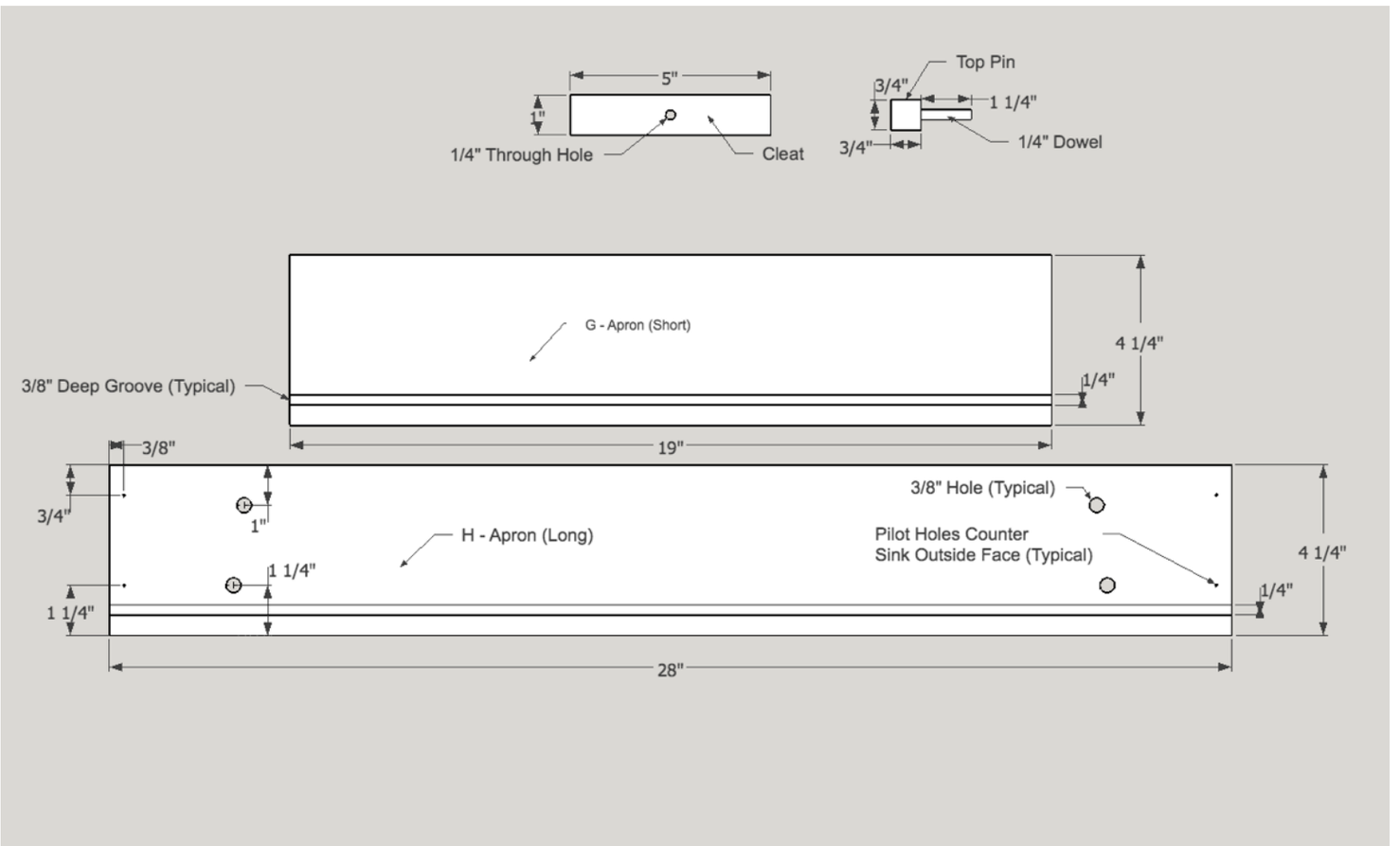


Table Top

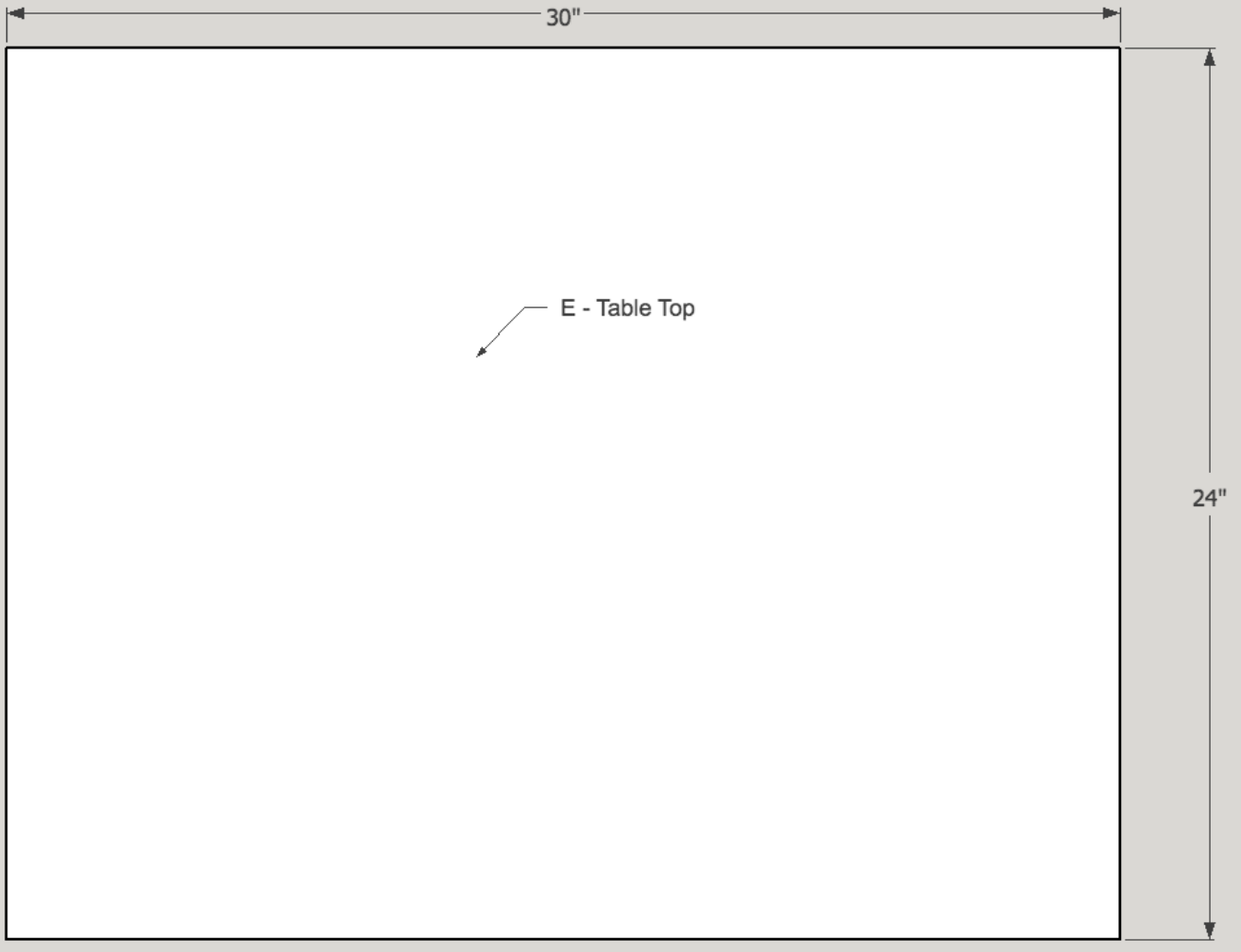
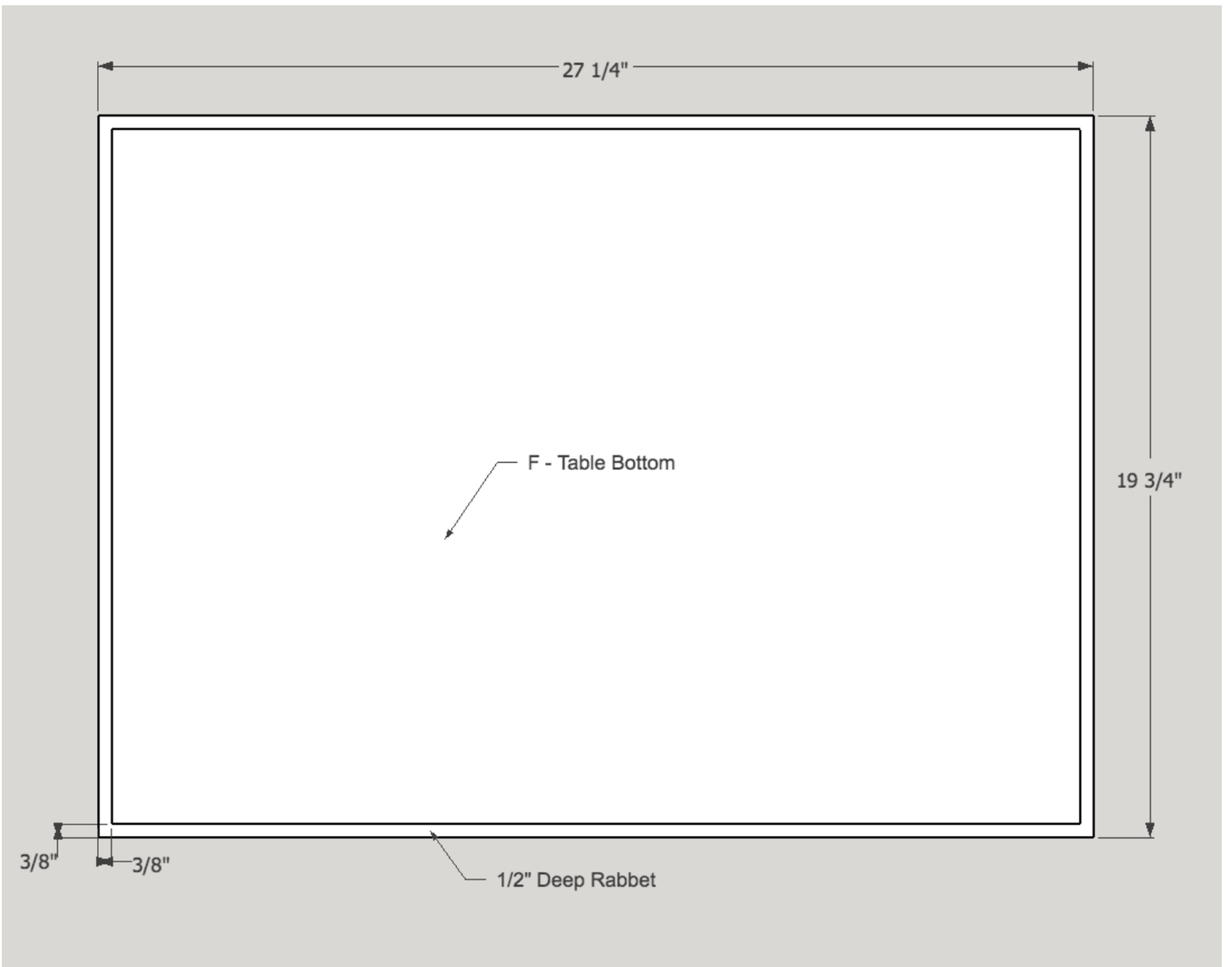


Table Bottom



Optional Grid

