

Original Plans By Brad Clark

1/6 Scale Dinning Room Table and Chairs



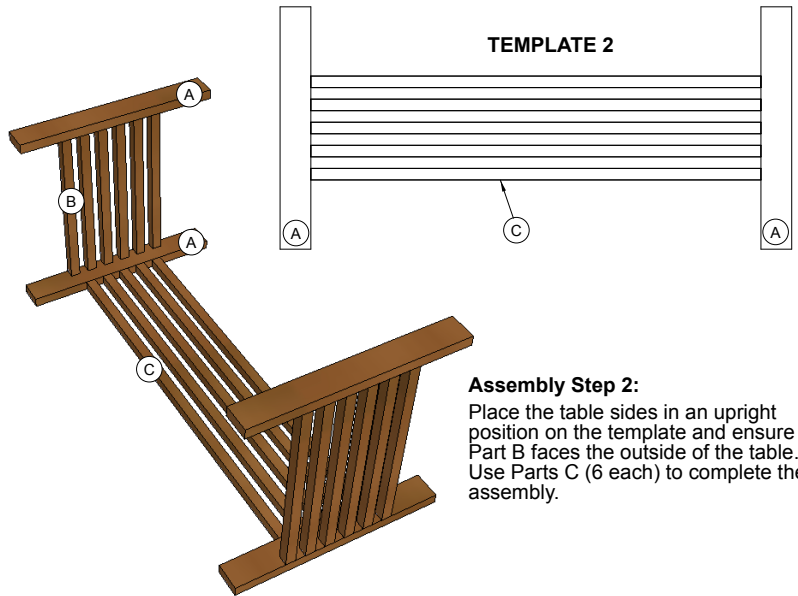
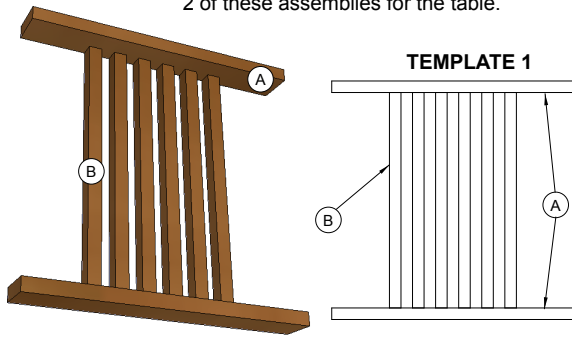
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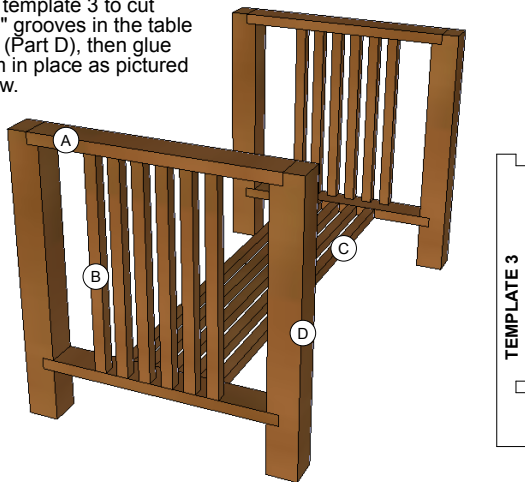
1/6 SCALE DINING ROOM TABLE ASSEMBLY INSTRUCTIONS

Assembly Step 1: Use template 1 to assemble the table sides as pictured. Glue Parts A (2 each) and parts B (6 each) in place. Complete 2 of these assemblies for the table.

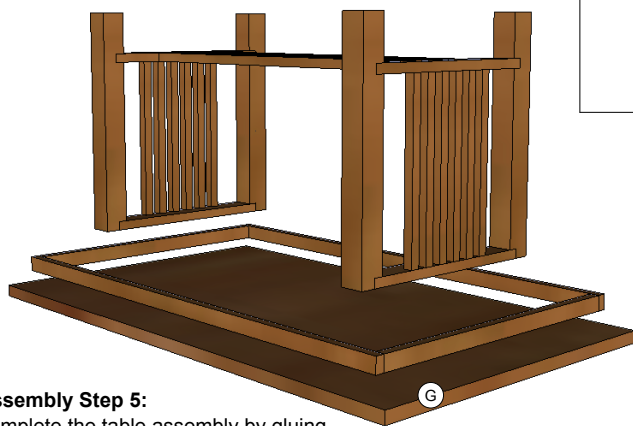
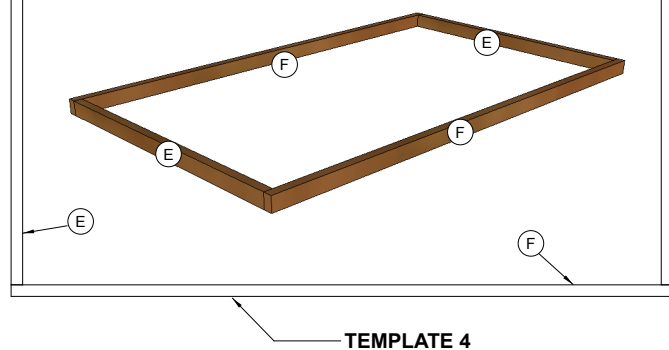


Assembly Step 2: Place the table sides in an upright position on the template and ensure Part B faces the outside of the table. Use Parts C (6 each) to complete the assembly.

Assembly Step 3: Use template 3 to cut 3/16" grooves in the table legs (Part D), then glue them in place as pictured below.



Assembly Step 4: Using template 4, glue together the table runners Parts E (2 each) and Parts F (2 each) as shown below.



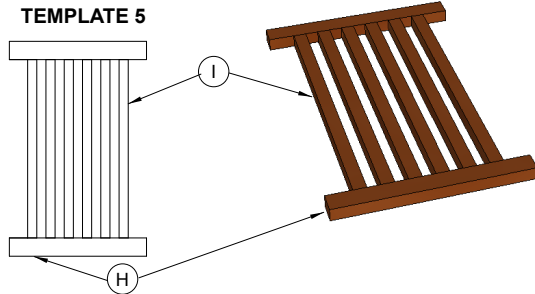
Assembly Step 5: Complete the table assembly by gluing the table runner (completed in step 4) to the bottom of the table top, then glue the bottom section of the table (completed in step 3) to the bottom of the table top.



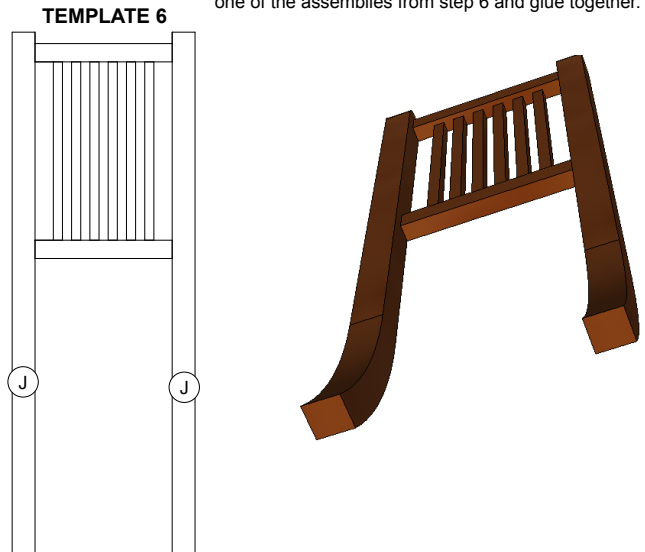
***WARNING This page is NOT to scale.
Use templates at the end of this document for assembly.**

1/6 SCALE DINING ROOM CHAIR ASSEMBLY INSTRUCTIONS

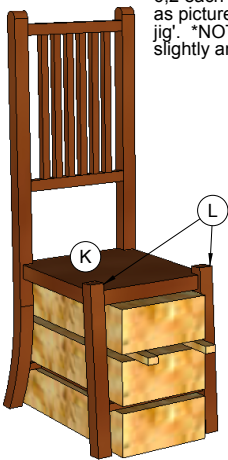
Assembly Step 6: Using Template 5, assemble parts H and I as pictured below. This assembly will require 2 each of part H and 6 each of part I. Complete 2 of these assemblies per chair.



Assembly Step 7: Using Template 6, place 2 each of Part J on the template with the curved portion facing up along with one of the assemblies from step 6 and glue together.

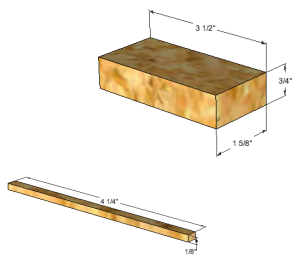


Assembly Step 8: This by far is the most challenging step of assembly. This step will require an assembly completed in step 6, 2 each of Parts L and 1 each of part K. Assemble as pictured below using the optional 'chair assembly jig'. *NOTE: The short legs of the chair, part L, are slightly angled away from the chair.

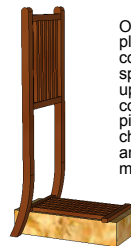


BUILD TIP

When I built the first set of chairs, I used scrap wood stacked up in layers to get the spacing of the seat top and bottom chair support correct. For this set of plans I used the same principal. The build jig consists of 3 pieces of scrap wood 3/4" thick and two pieces of 1/8" thick balsa sticks.



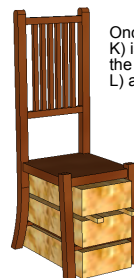
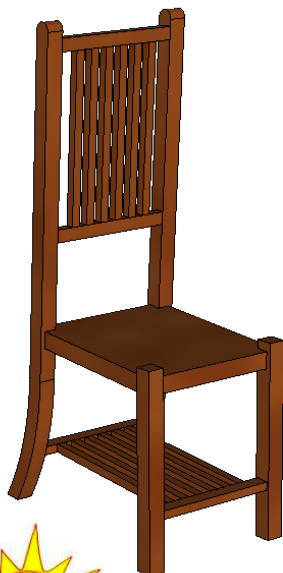
Final Assembly



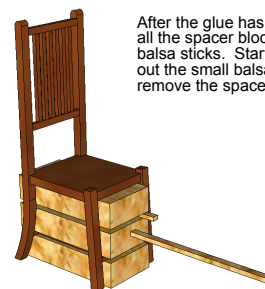
On a flat work surface place an assembly completed in step 6, a spacer block and stand up an assembly completed in step 7 as pictured. Make sure the chair back is straight up and down then apply medium ca super glue.



Next, stack a spacer block then two 1/8 thick balsa sticks and one more spacer block. Fit part K in place as pictured and apply glue.



Once the seat top (part K) is secured, glue on the short chair legs (part L) as pictured.



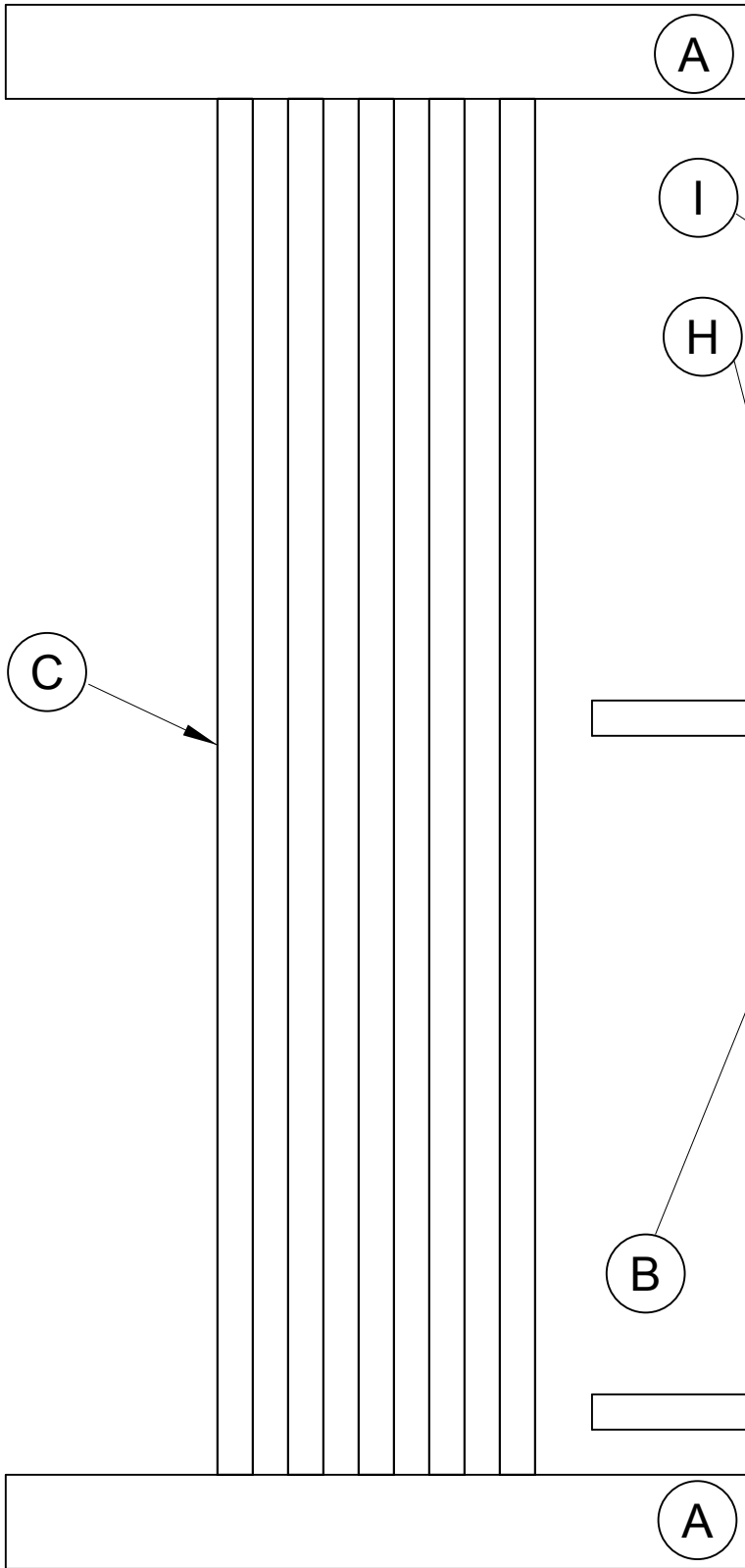
After the glue has set remove all the spacer blocks and 1/8 balsa sticks. Start by pulling out the small balsa sticks, then remove the spacer blocks.



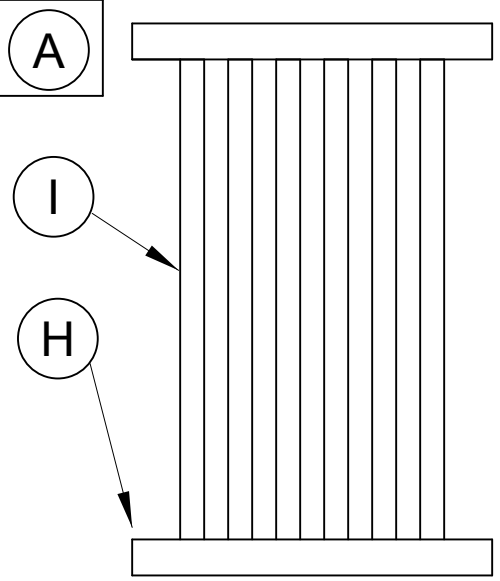
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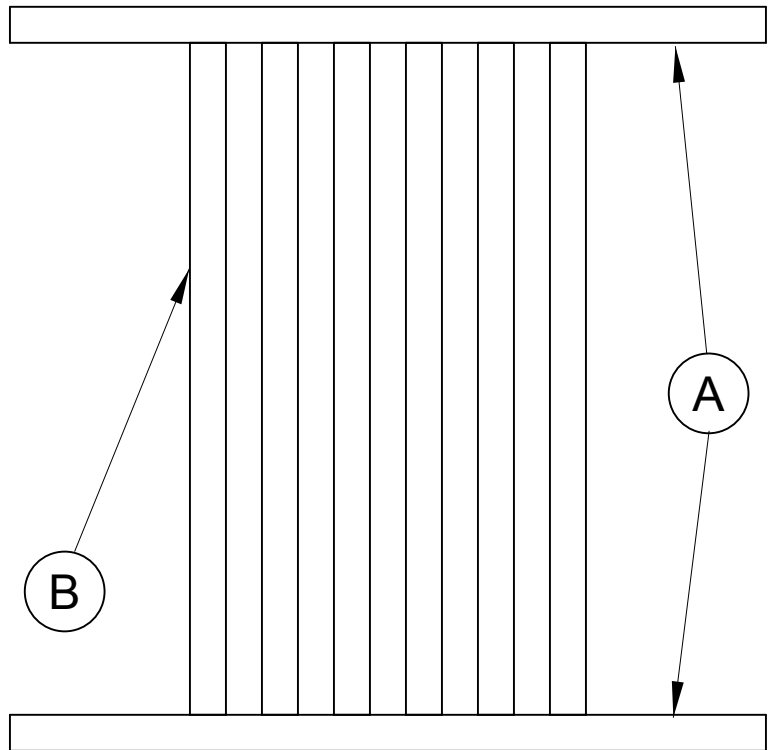
TEMPLATE 2



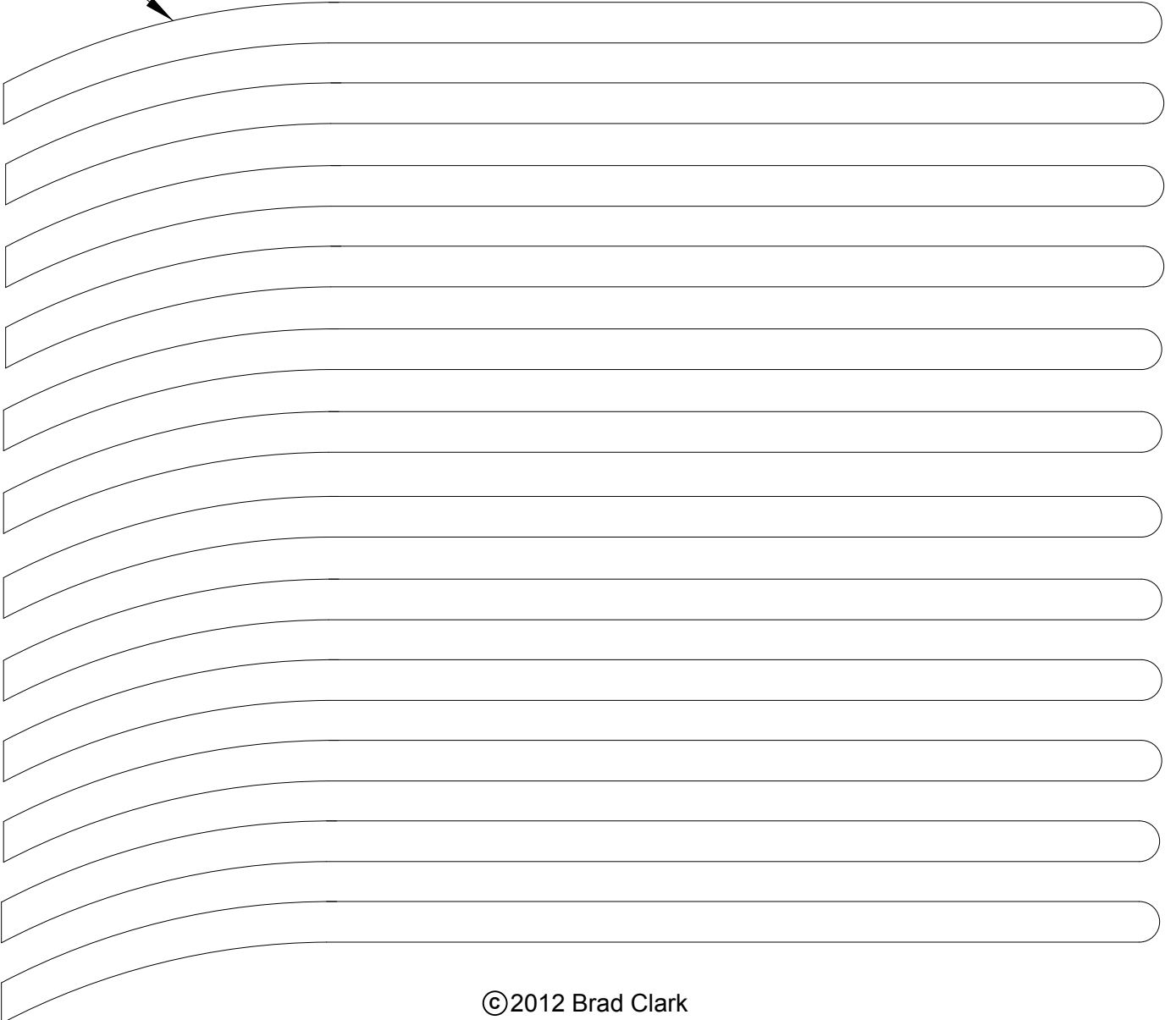
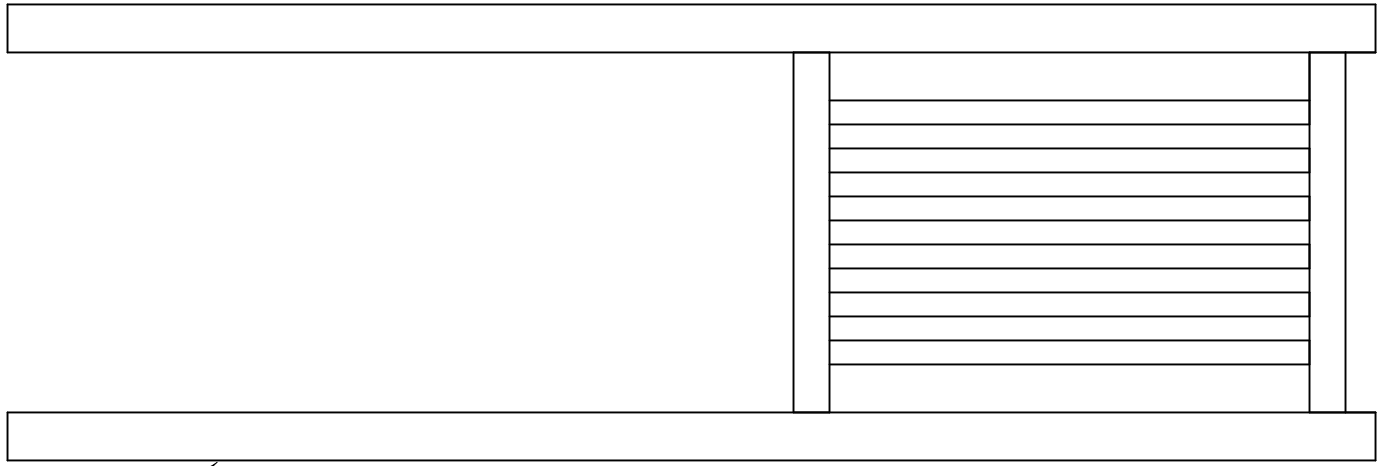
TEMPLATE 5



TEMPLATE 1



TEMPLATE 6



Print this page on US Legal 8x14 for best results

E

TEMPLATE 4

TEMPLATE 3

D

TEMPLATE 3

TEMPLATE 3

TEMPLATE 3

TEMPLATE 7

F

K

L