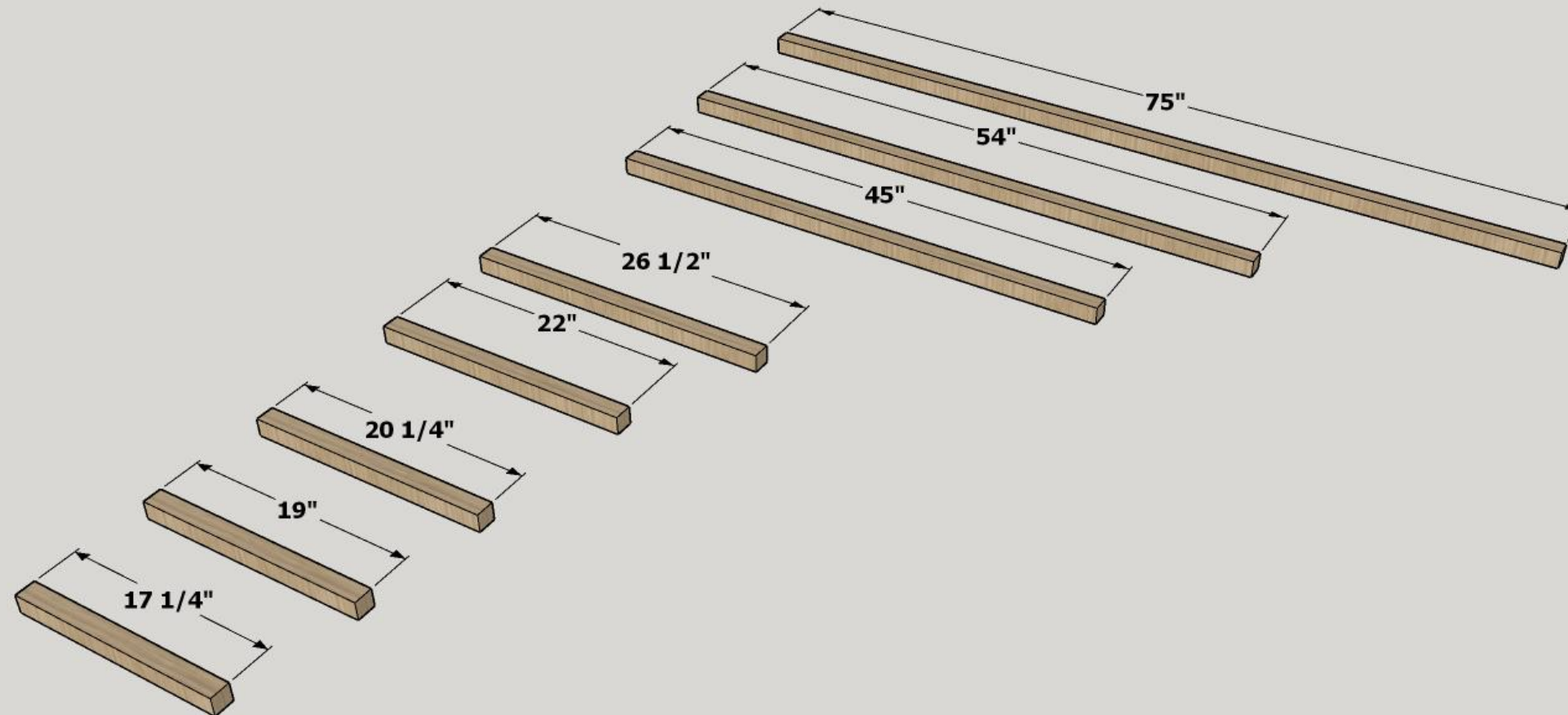
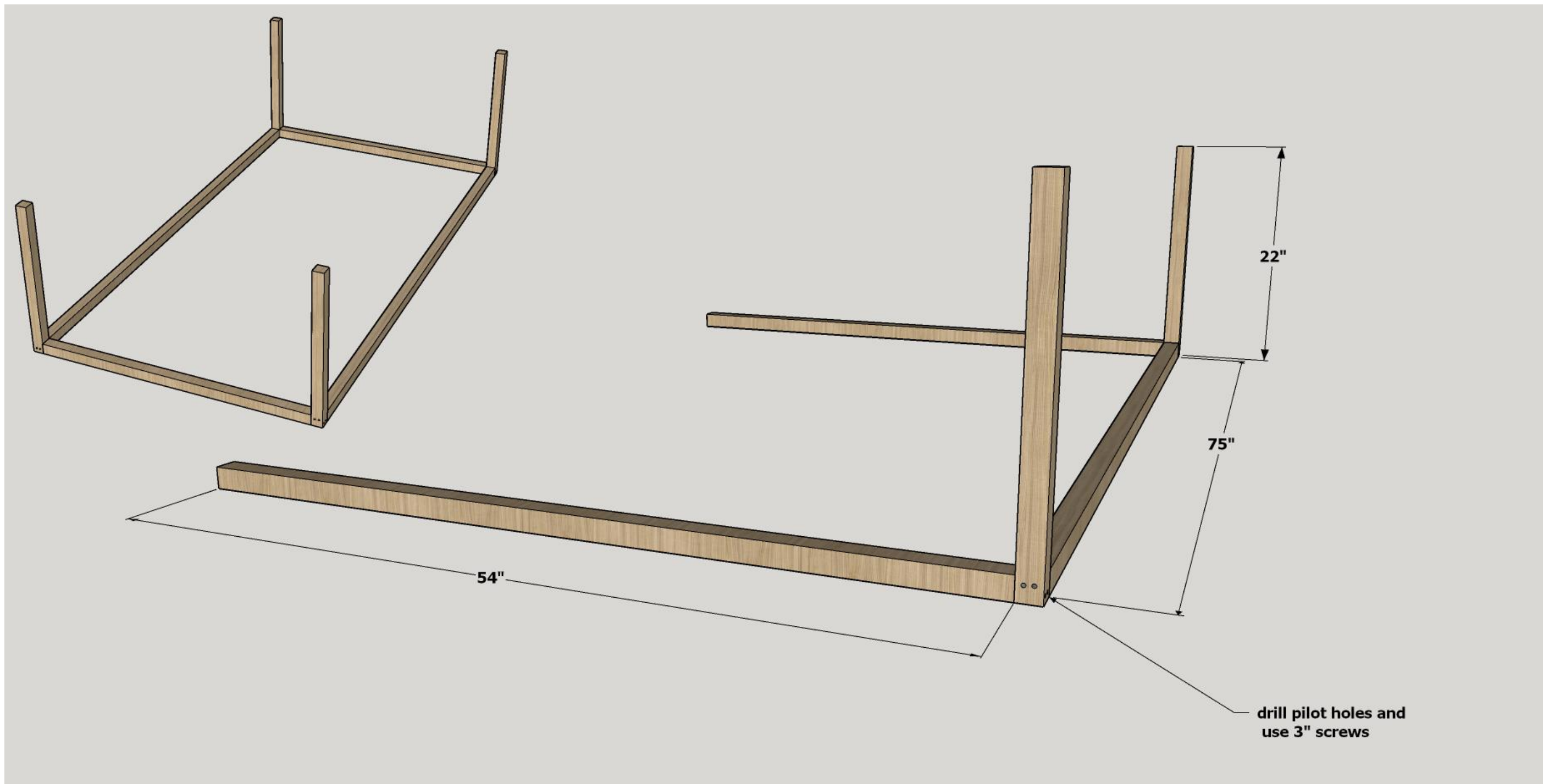


MATERIAL LIST AND CUT LIST FOR MONTESSORI FLOOR BED					SHOP LIST FOR MONTESSORI FLOOR BED
	PIECE	SIZE	LENGTH	WHAT FOR	6 pieces of 2x2 --- 8’ , 2 pieces of 2x2 --- 10’ , 9 pieces of 1x2 --- 8’ , 5 pieces of 1x4 --- 10’ , paint, sandpaper (#120), paint brush 3” screws, 1 ½” screws, 1 ¼” screws Wood glue, wood filler Hinge (2 pieces) and barrel bolt lock (1 or 2 pieces)
A	4	✓ 2x2	• 22”	STEP 1	
B	2 2	✓ 2x2 ✓ 2x2	• 75” • 54”		
C	3	✓ 1x2	• 75”	STEP 2	
D	10	✓ 1x4	• 54”	STEP 3	
E	29 1	✓ 1x2 ✓ 2x2	• 19” • 19”	STEP 4	
F	1 2 1	✓ 2x2 ✓ 2x2 ✓ 2x2	• 75” • 54” • 45”	STEP 5	
G	2 2 3	✓ 2x2 ✓ 2x2 ✓ 2x2	• 20 ¼” • 26 ½” • 17 ¼”	STEP 6	
!!!This plan applies to treated 2x2 timber. This means the actual sizes of 2x2 are 1 1/2”x1 1/2”. If you are using untreated 2x2s you should change the length from 19” to 18”.(STEP 4)					TOOL LIST FOR MONTESSORI FLOOR BED
					Hammer, Safety gloves Tape measure, Framing square, Screwdriver, Sander, Safety glasses, Drill machinery, Saw, Kreg Jig

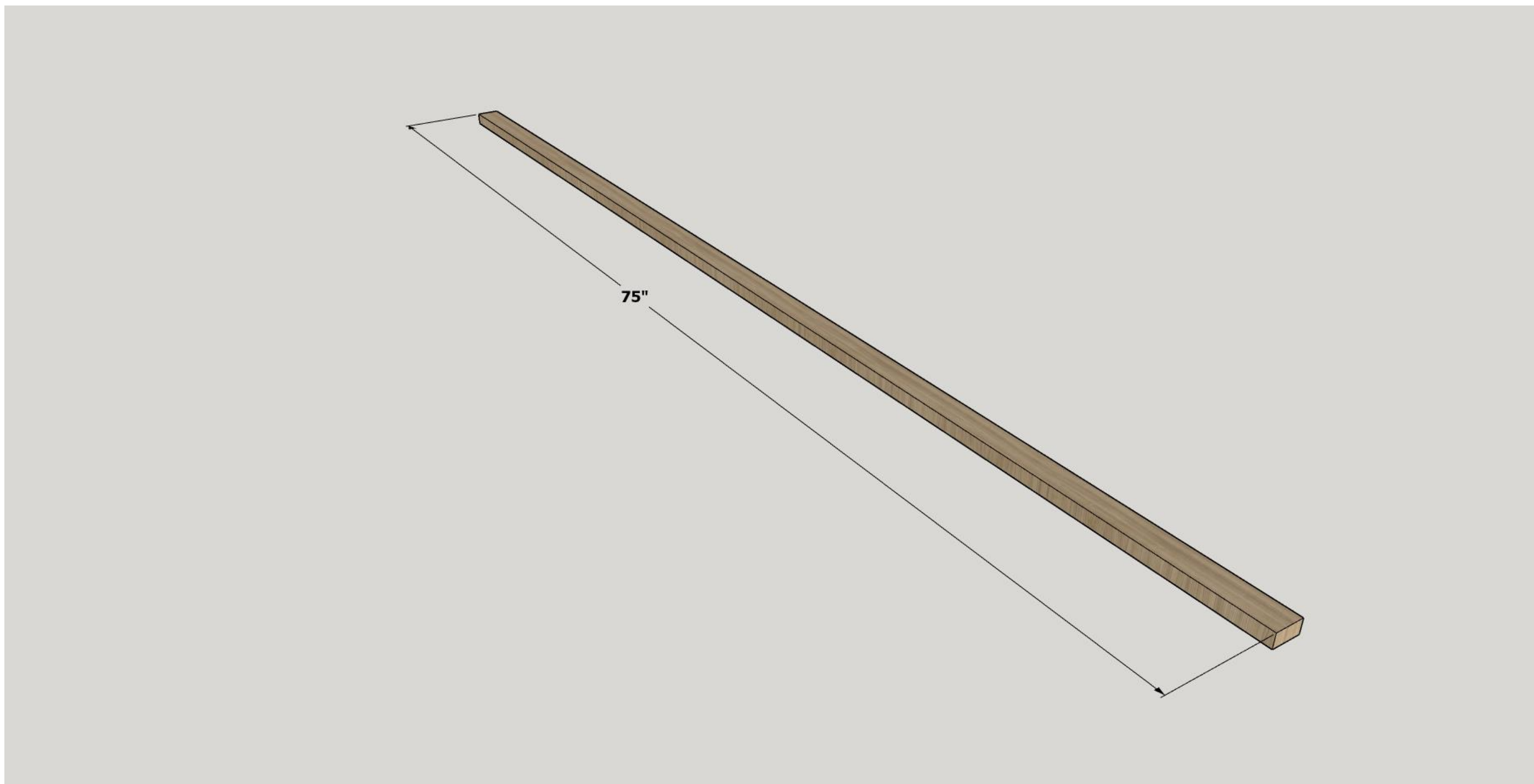
First of all, thank you for your choice. In this project, we will see the construction of a montessori floor bed. This project has been designed quite simply, requiring minimal materials. However, we must make some caveats. Do not start the project without reading the entire file first. Take measurements at each step and make sure the corners are square. Don't forget to use wood glue before screwing in. There may be minor mishaps. Continue with your project and just have fun. Feel free to send a message when you encounter difficulties. Having said all that, we can start the project.



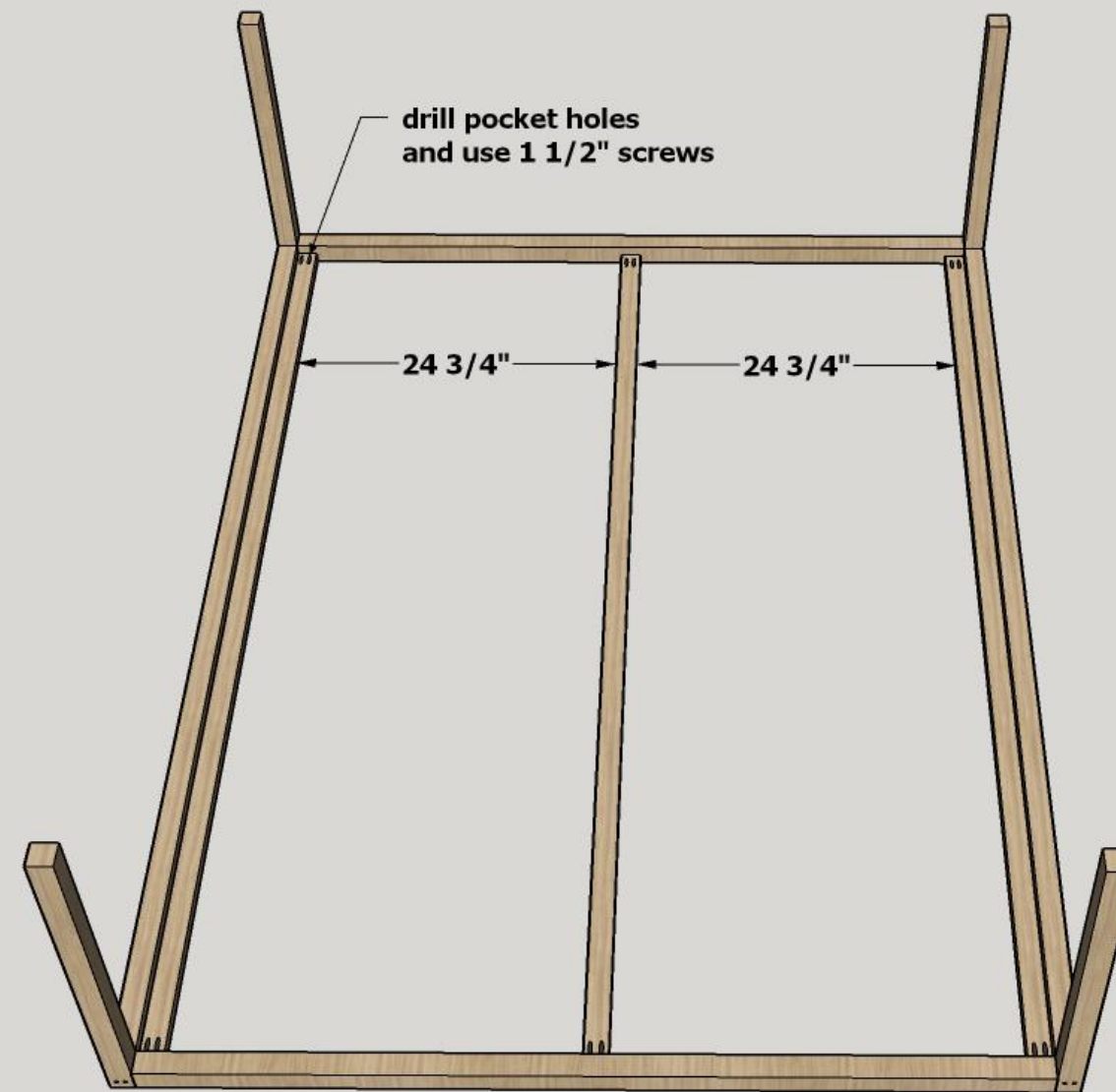
First, cut the required 2x2s. Cut 3 pieces of lumber 75" long, 4 pieces 54" long, 4 pieces 22" long, 2 pieces 26 1/2", 2 pieces 20 1/4", 1 piece 19", 3 pieces 17 1/4" and 1 piece 45" long.



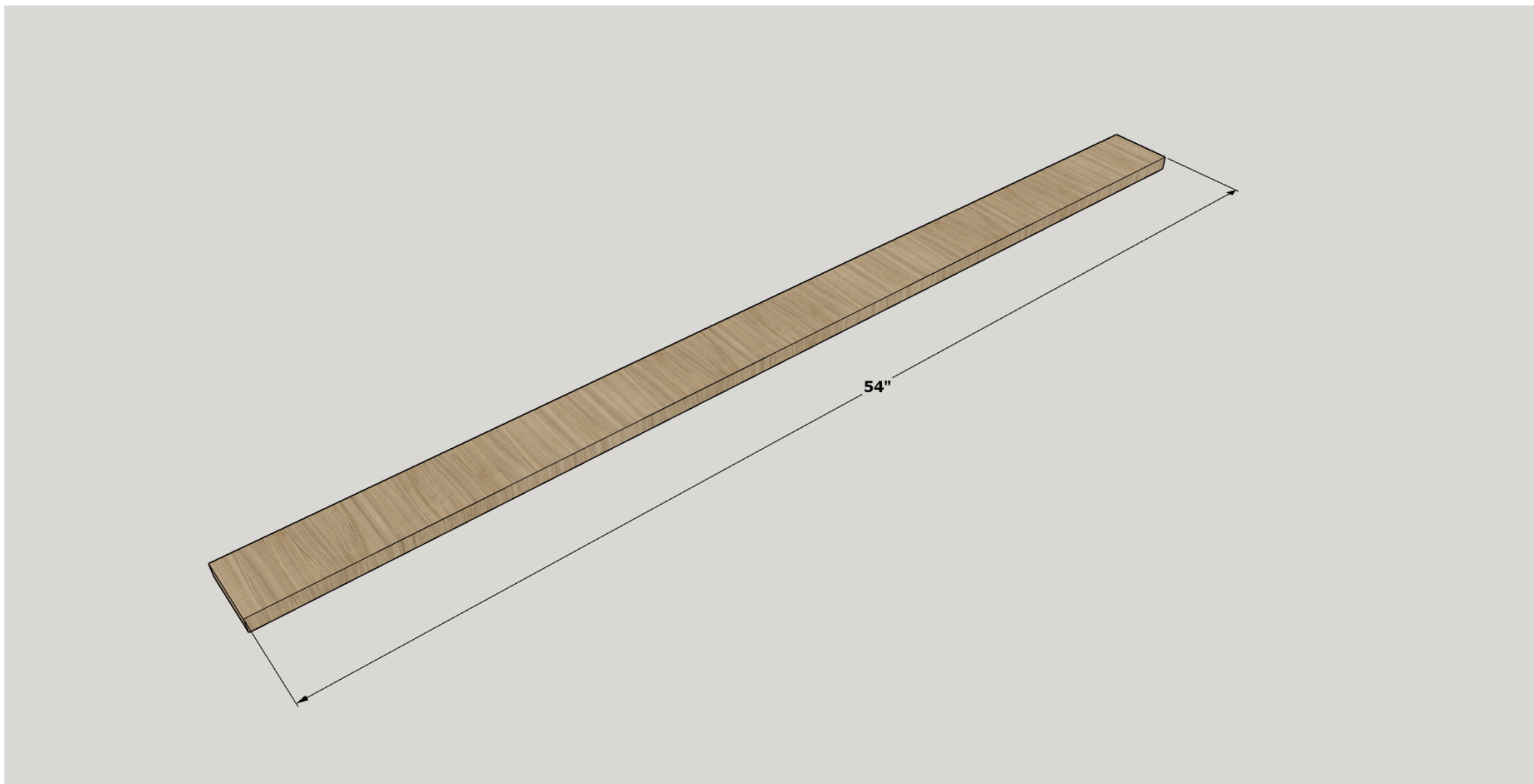
Then start building the frame of the bed. Drill pilot holes as you can see in the diagram and screw tight with 3" screws.



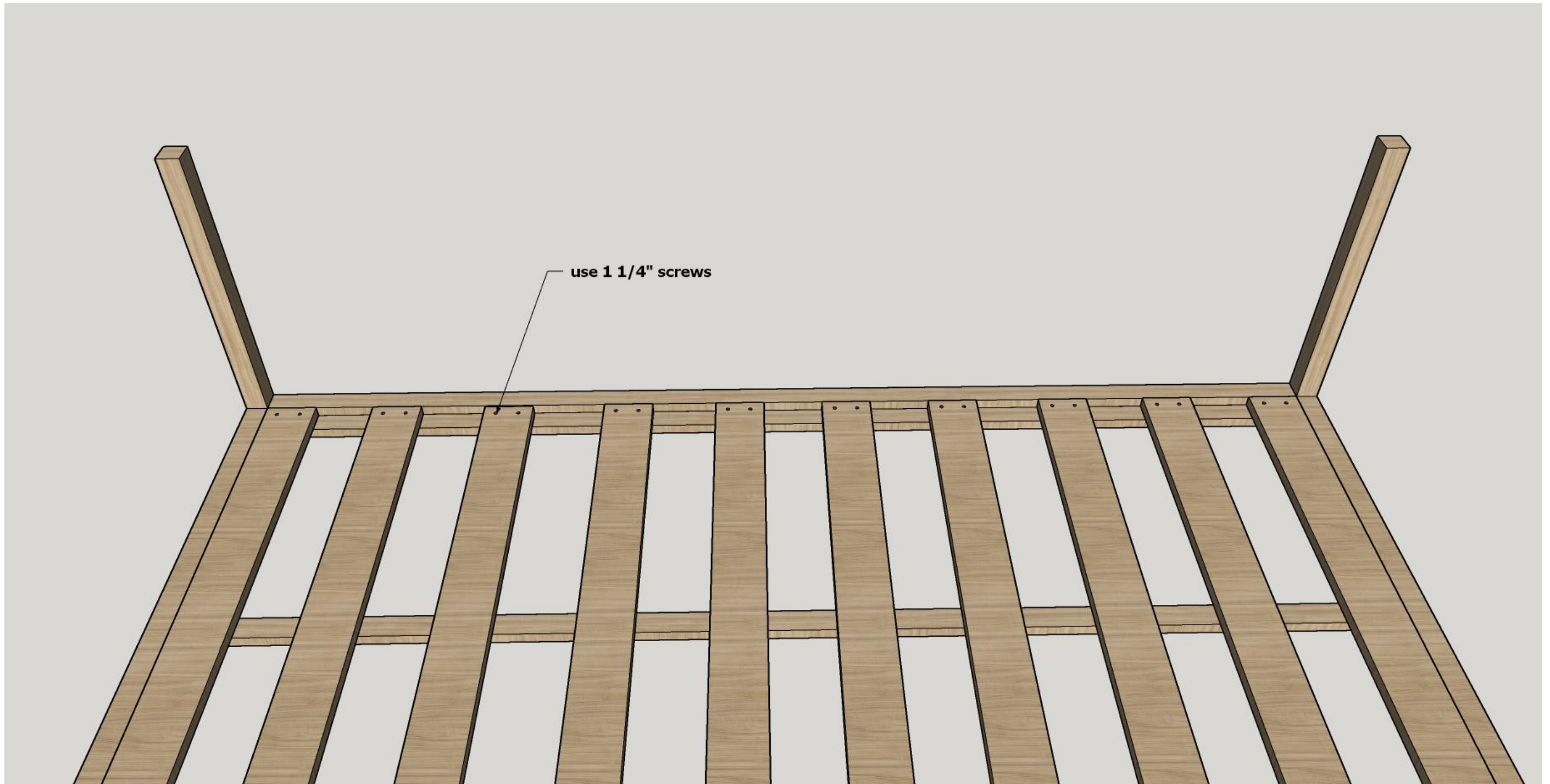
Cut 3 pieces of 1x2 lumber 75" long.



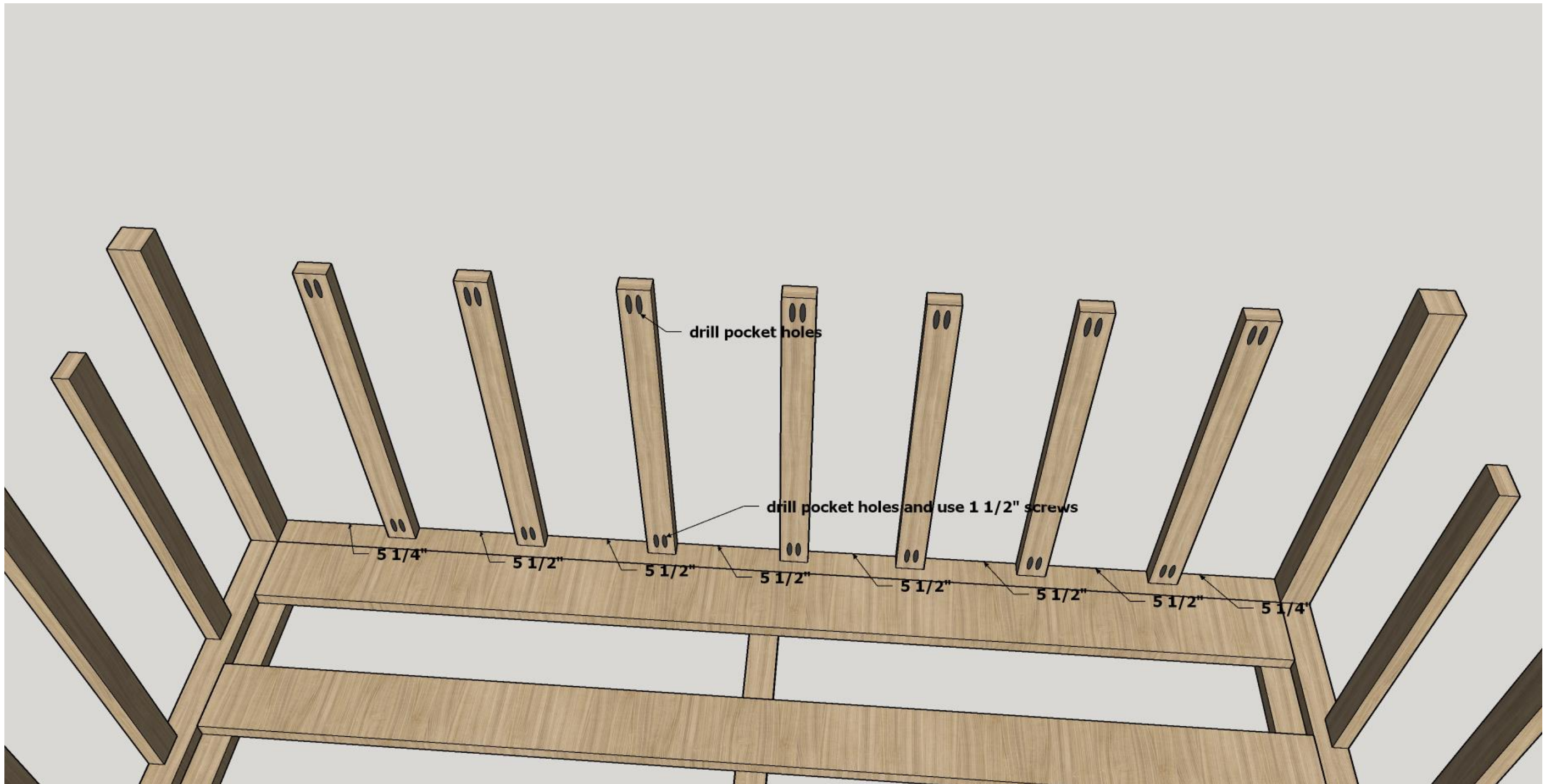
Drill pocket holes in both ends of these lumbers. Screw it tightly to the bed's frame with 1 1/2" screws.



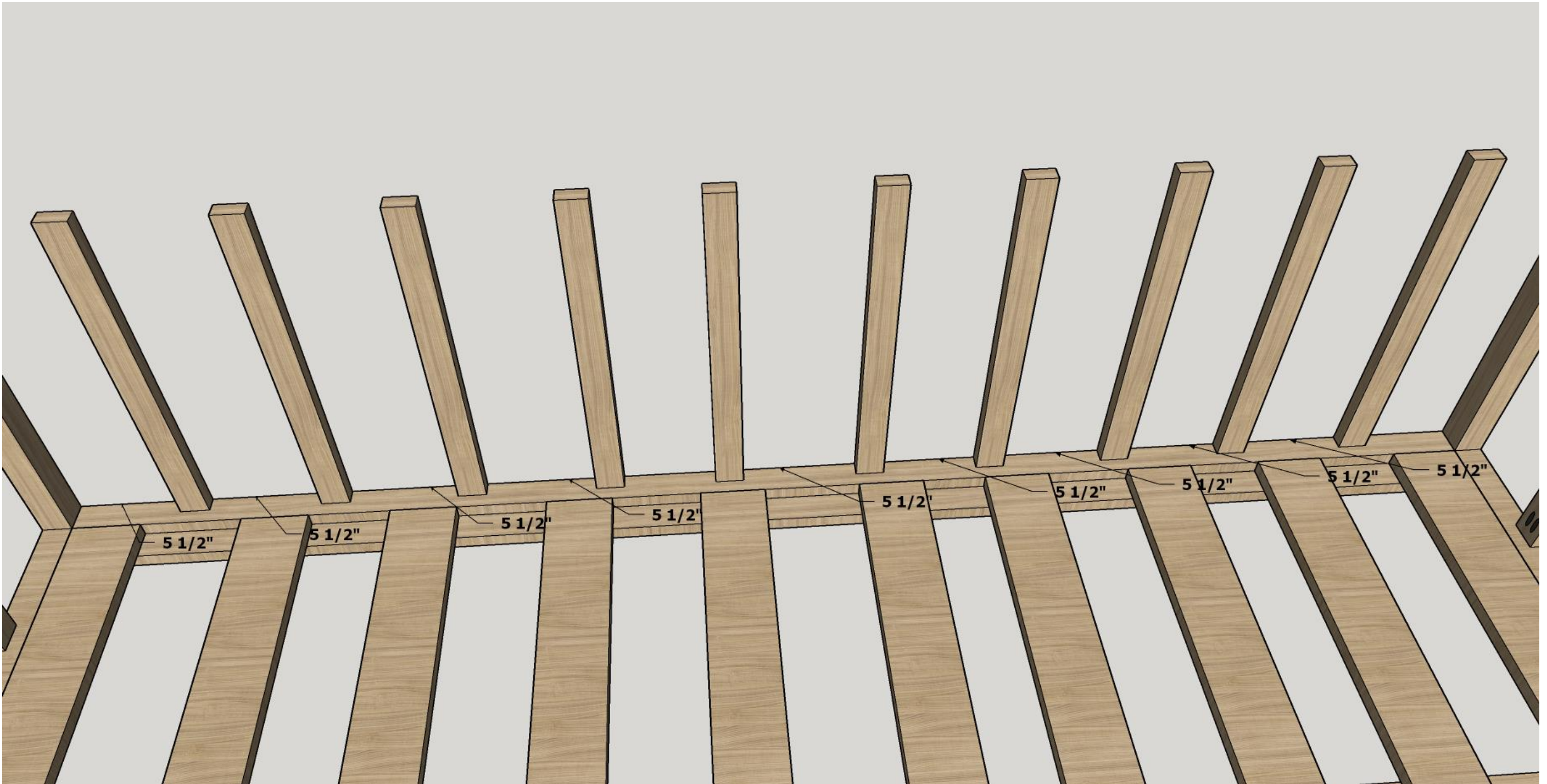
Cut 10 pieces of 54" long from 1x4 lumber.



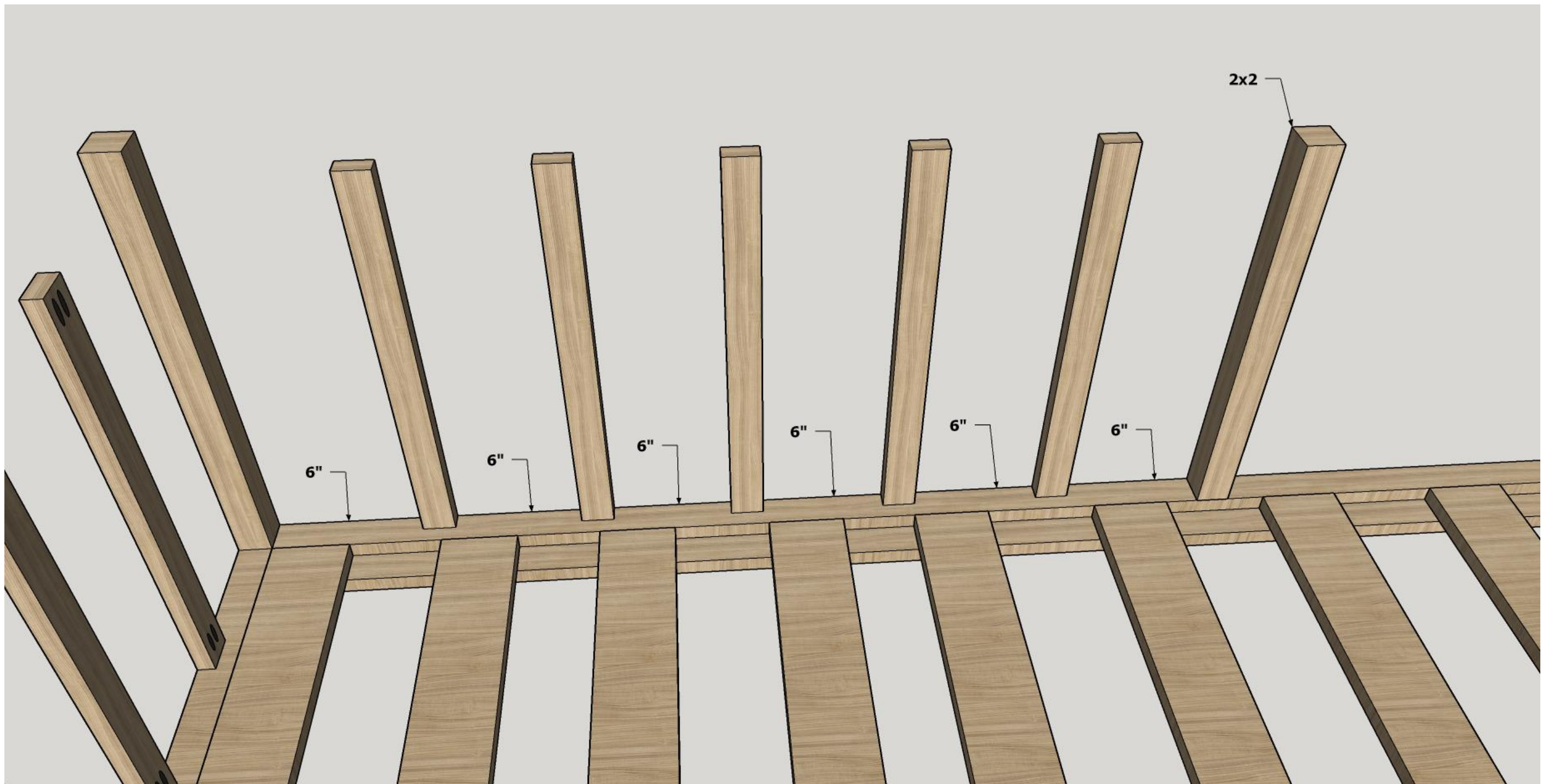
Then screw these pieces to the 1x2 lumbers with 1 1/4" screws as shown in the diagram. Each space is ~4 1/2"

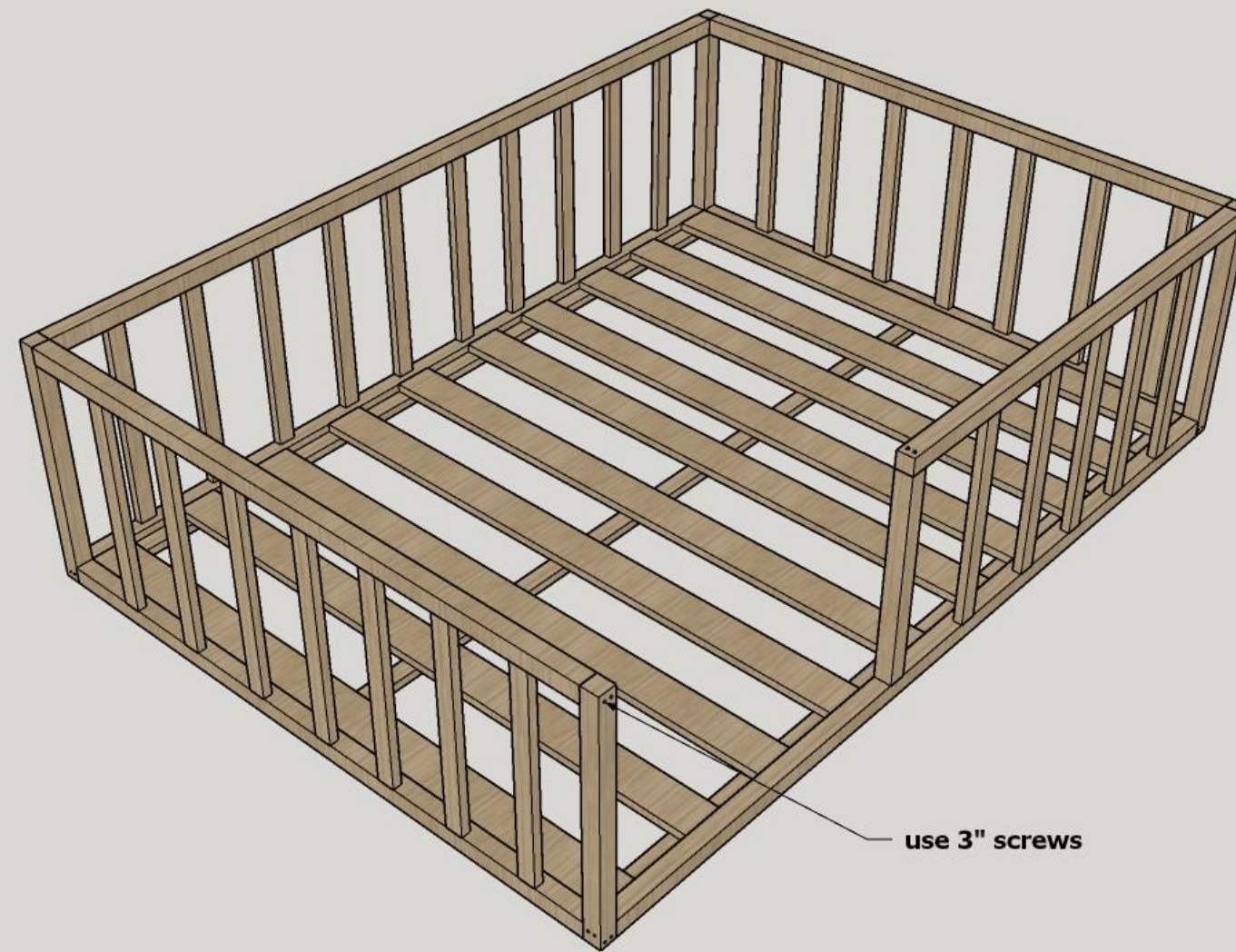


Now you need to screw the rails of the bed. The plan requires 30 pieces of 19" long 1x2 lumber. You can do this more often or less frequently according to yourself. Drill pocket holes into both ends of these 1x2 lumbers. Measure as shown in the diagram and screw it into the frame. Use 1 1/2" screws.

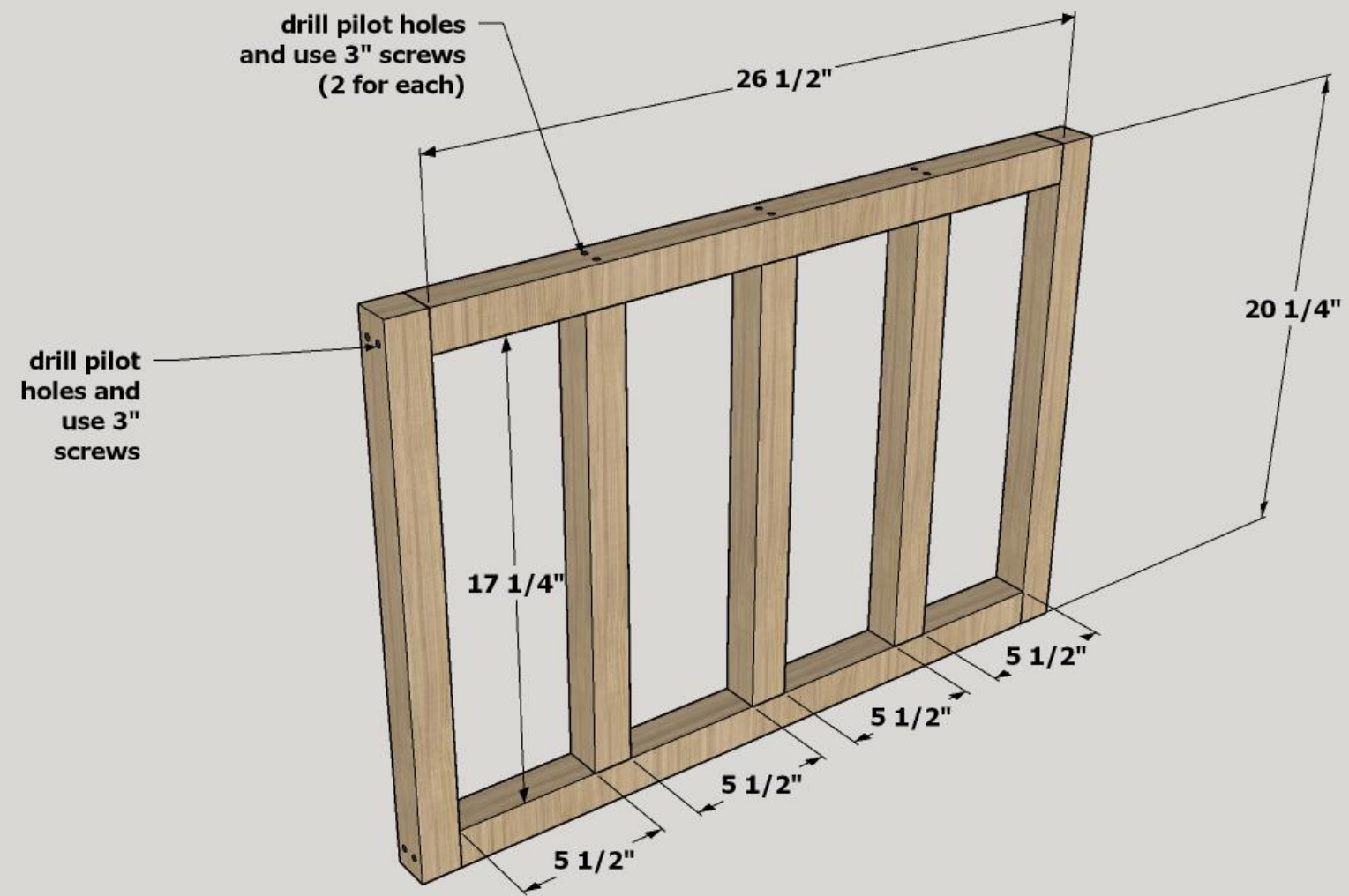


Screw in the rails by drilling pocket holes as shown in the diagram. Please screw by measuring.

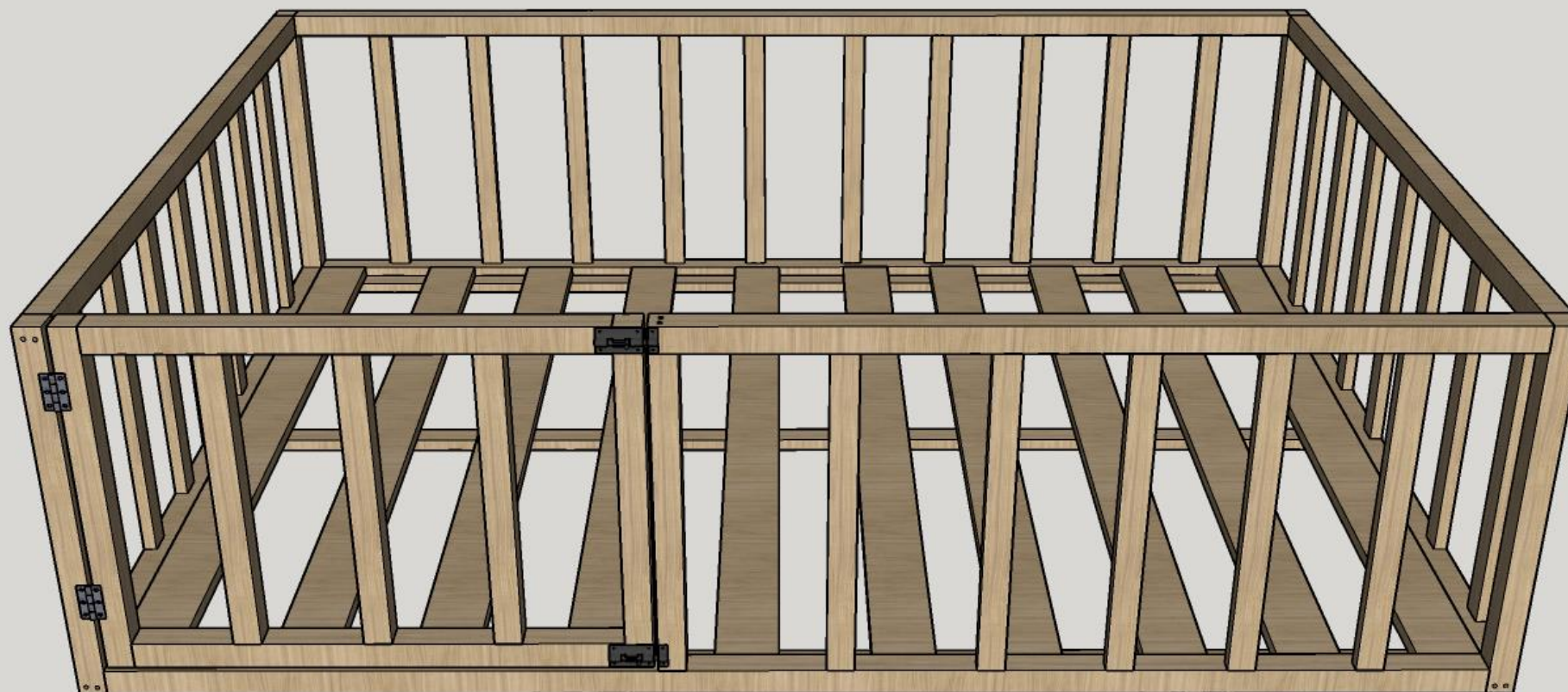




Then screw the top frame of the bed onto the rails.



Build a door for the bed from the 2x2s whose dimensions are given in the diagram. Use 3" screws



Complete the project by making the final touches. Screw the door in place using the hinges and barrel bolt lock. Leave a 1/4" gap from each edge. Fill the holes with wood filler. Sand with 120 grit sandpaper. Paint as you wish. Wait for the paint to dry and your bed is ready!

We hope you like this project. If you like it, please do not forget to give 5 stars to our store. If there is a step that you have difficulty in doing, do not hesitate to send a message. If you are looking for a diy plan for your child, home and garden, please send us a message. We will help you. Regards.

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