

FARMHOUSE TABLE & BENCH



Shopping List:

4 – 2x10 @ 8 feet long

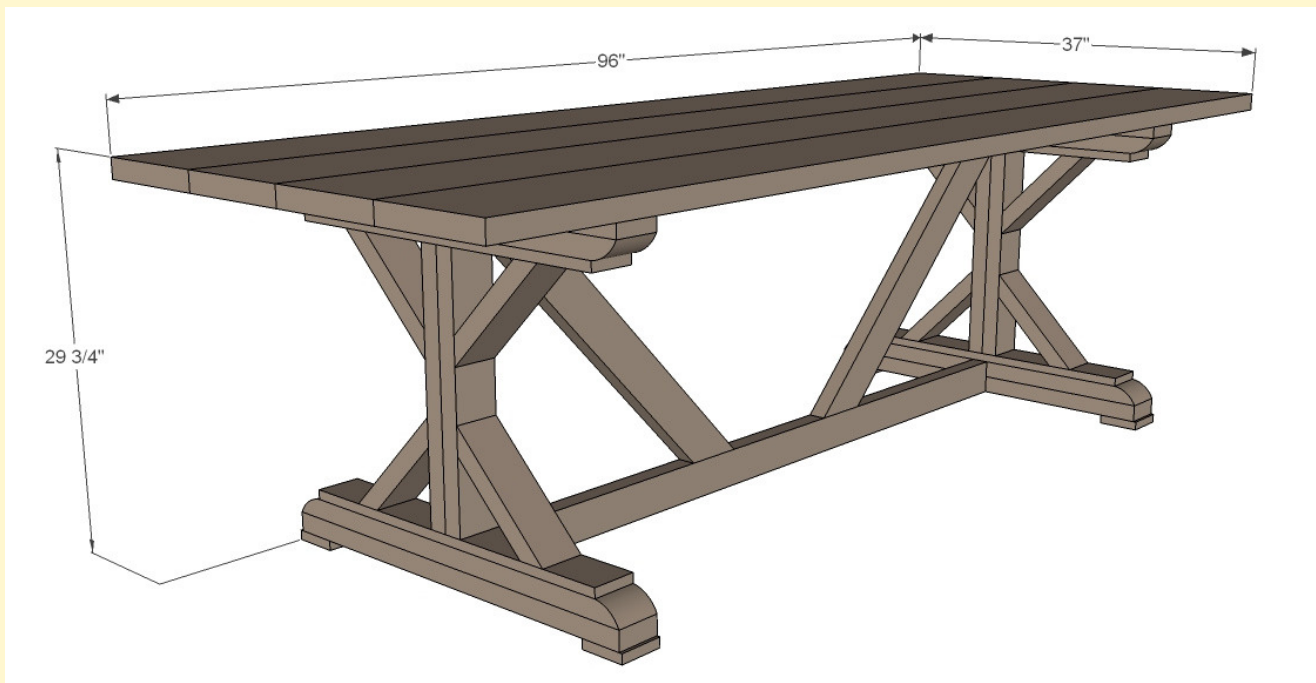
7 – 2x4 @ 8 feet long

1 – 1x4 @ 12 feet long

3” screws, 2 ½” PH screws, 2” finish nails

General Instructions:

Please read through the entire plan and all comments before beginning this project. It is also advisable to review the Getting Started Section. Take all necessary precautions to build safely and smartly. Work on a clean level surface, free of imperfections or debris. Always use straight boards. Check for square after each step. Always predrill holes before attaching with screws. Use glue with finish nails for a stronger hold. Wipe excess glue off bare wood for stained projects, as dried glue will not take stain. Be safe, have fun, and ask for help if you need it. Good luck!



Dimensions are shown above.

Cut List:

ENDS

8 – 2x4 @ 11 3/8" (ends cut at 45 degrees off square, longest point measurement, NOT parallel)

4 – 2x4 @ 20"

4 – 1x4 @ 28 3/8" **

8 – 2x4 @ 32 5/8" CUT TO FIT **

4 – 1x4 @ 3 1/2"

MAIN TABLE

2 – 2x4 @ 65"

2 – 2x4 @ 30 3/8" (both ends cut parallel at 45 degrees off square)

4 – 2x10 @ 96"

** For straight cut legs replace these cuts with:

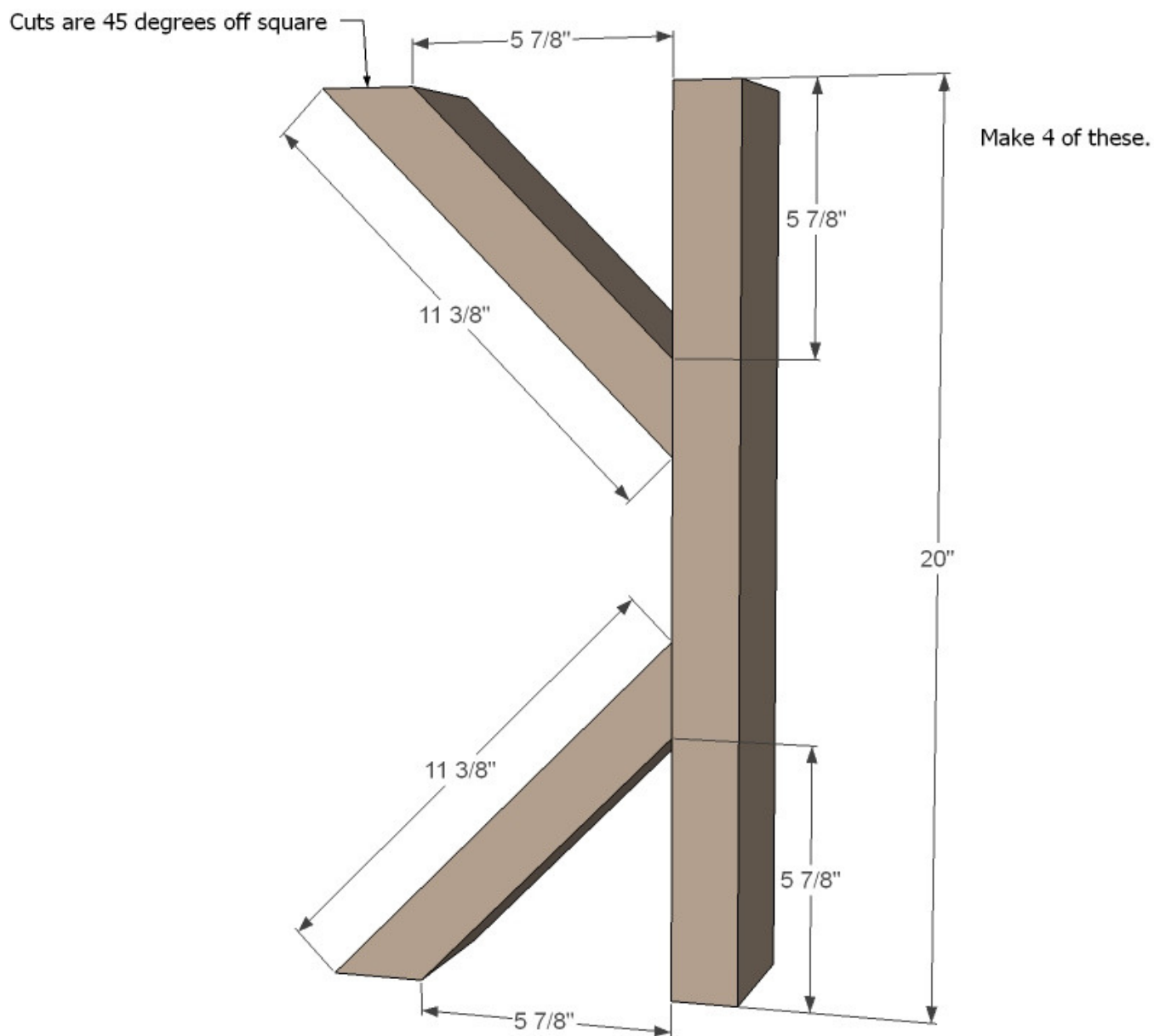
4 - 2x4 @ 31" (both ends cut at 45 degrees off square NOT parallel LP)

4 - 2x4 @ 34" (both ends cut at 45 degrees off square NOT parallel LP)

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Step 1:

Build four of these. I'd simply countersink screws from the backs into the ends of the cross braces.

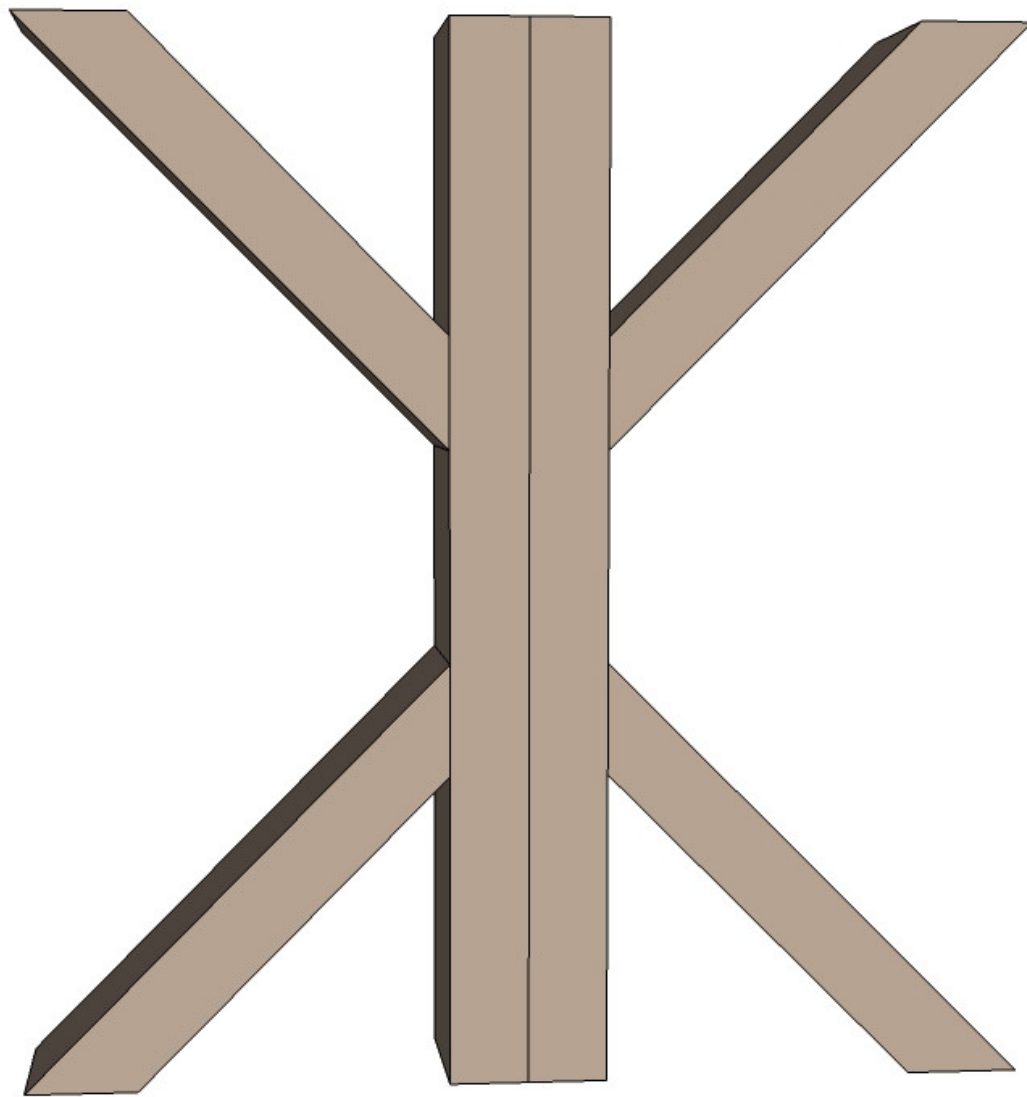


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Step 2 Instructions:

Then just laminate two with glue and 2" finish nails from each side.

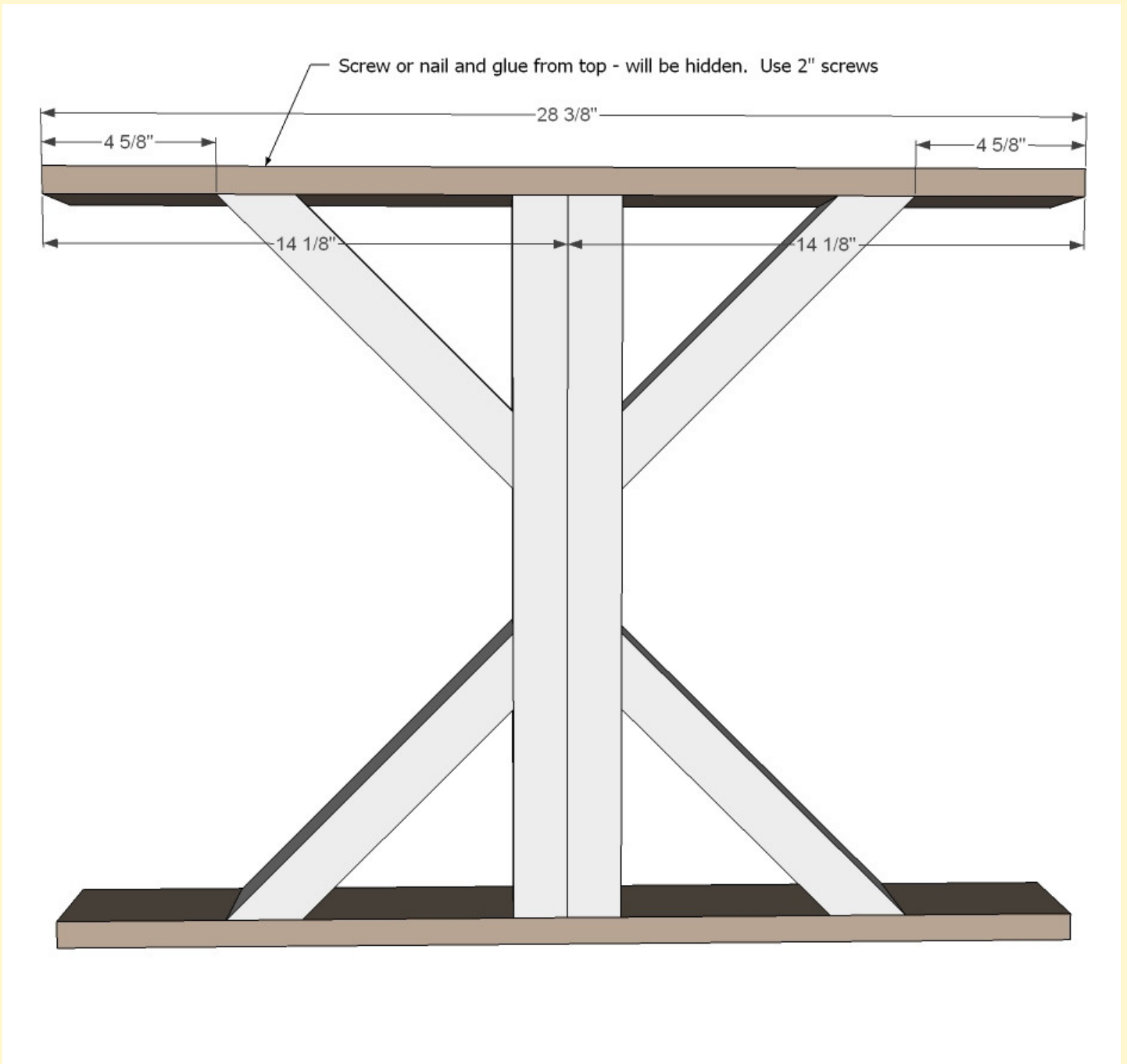


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Step 3 Instructions:

And add the top/bottom. You can use 2" screws here and glue.

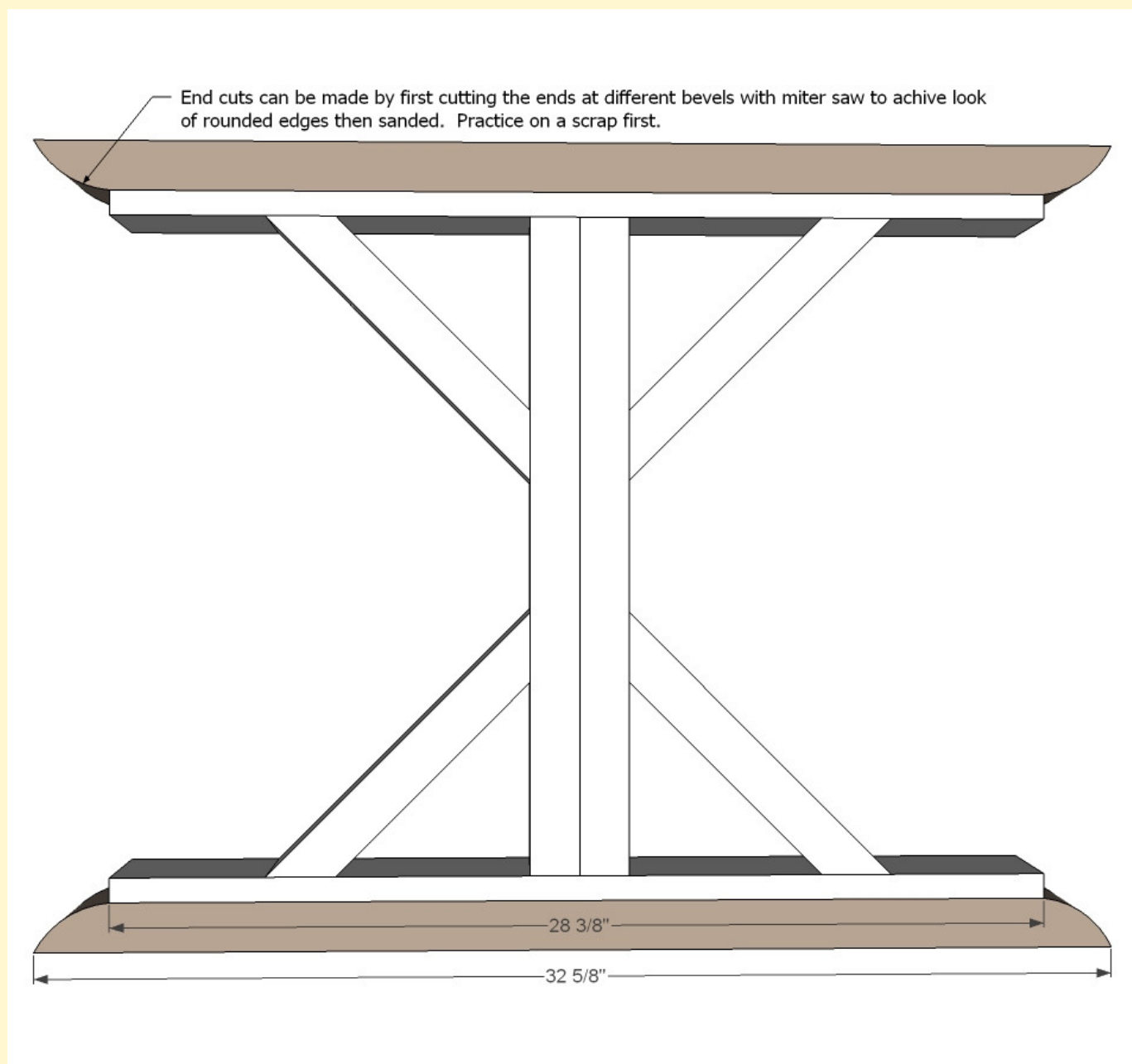


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Step 4 Instructions:

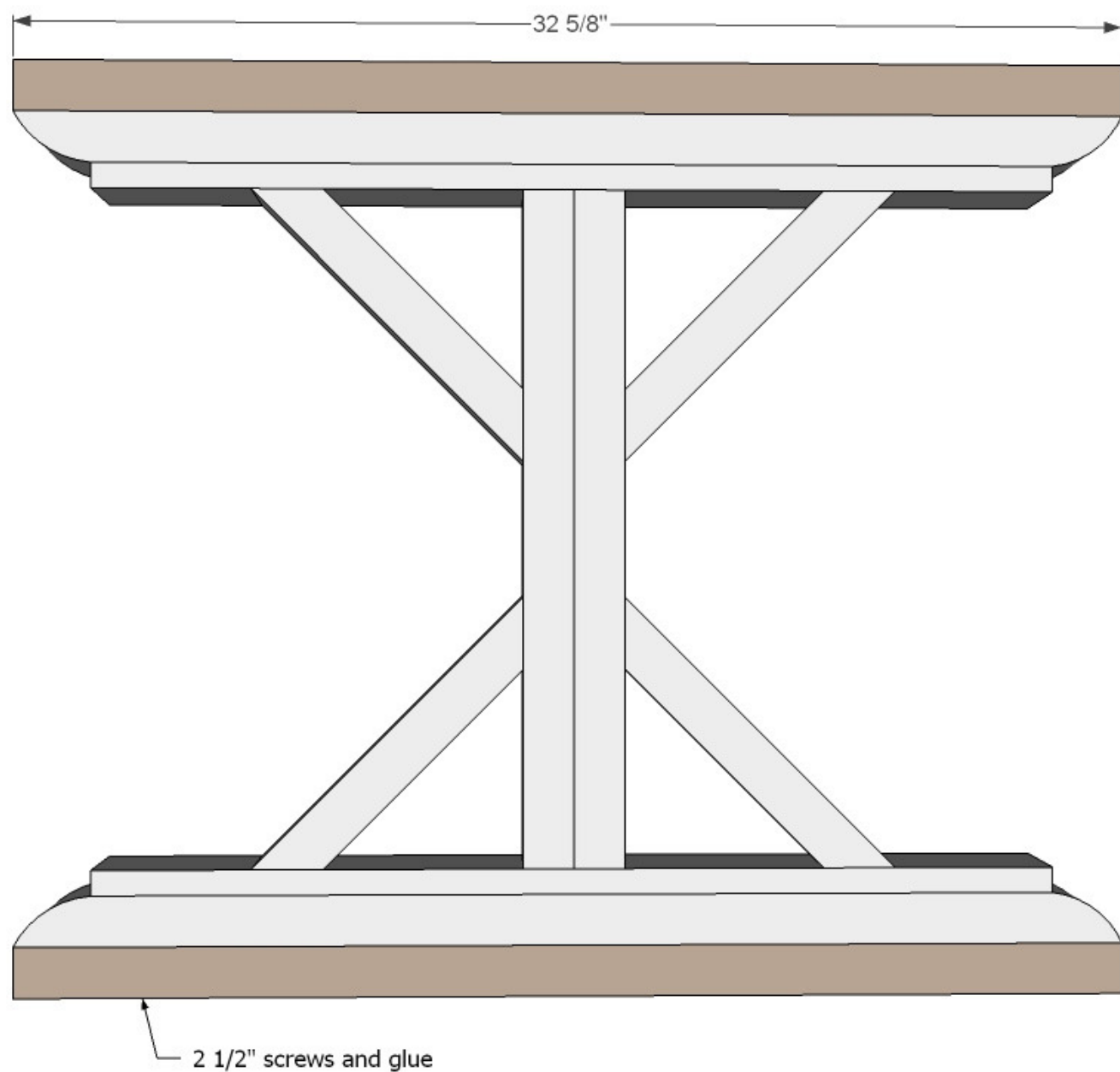
And then add the curved pieces. The ends are going to be a challenge – what I do is first cut a 2x4 32 5/8" long with both ends cut at 30 degrees off square, ends not parallel. Then make a second cut at 45 (or more if your saw cuts higher degree bevels) degrees off square and cut that same board 28 3/8", short point to short point. Practice with your saw to get the perfect cuts.



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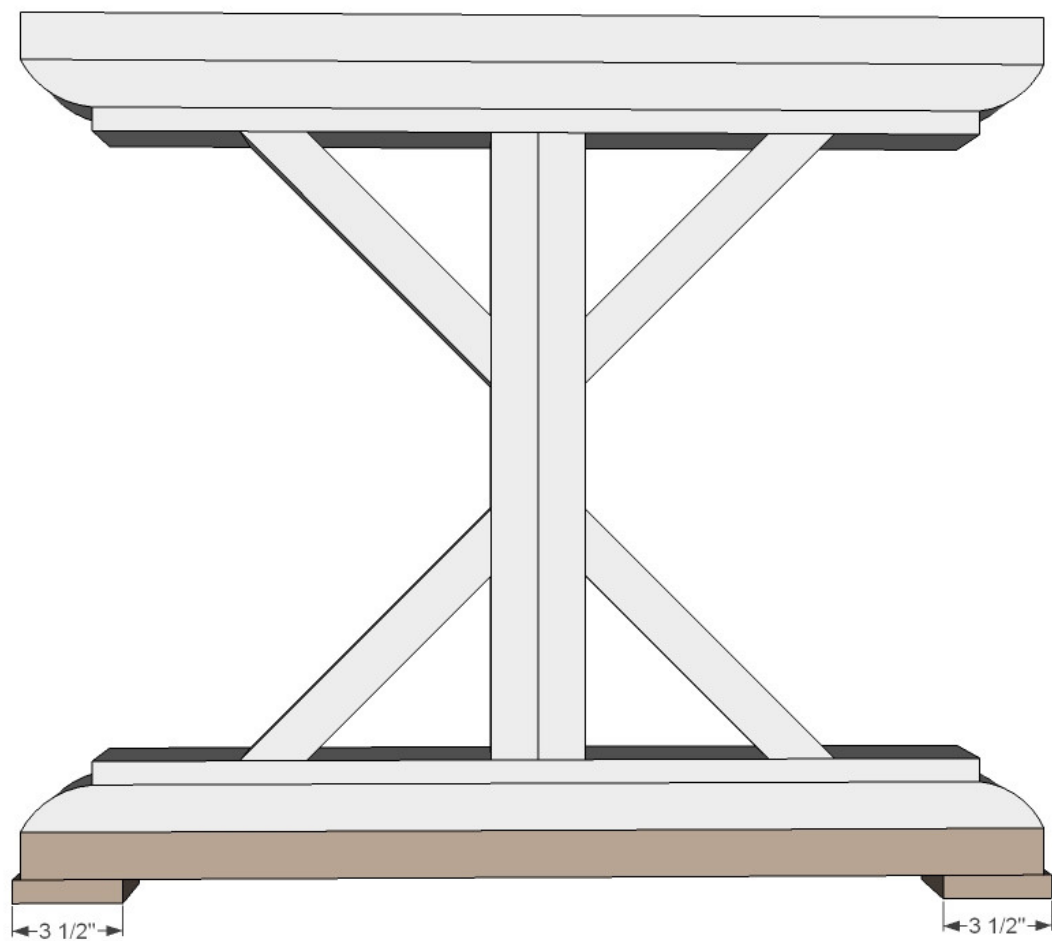
Step 5 Instructions:
And screw the bottom on ...



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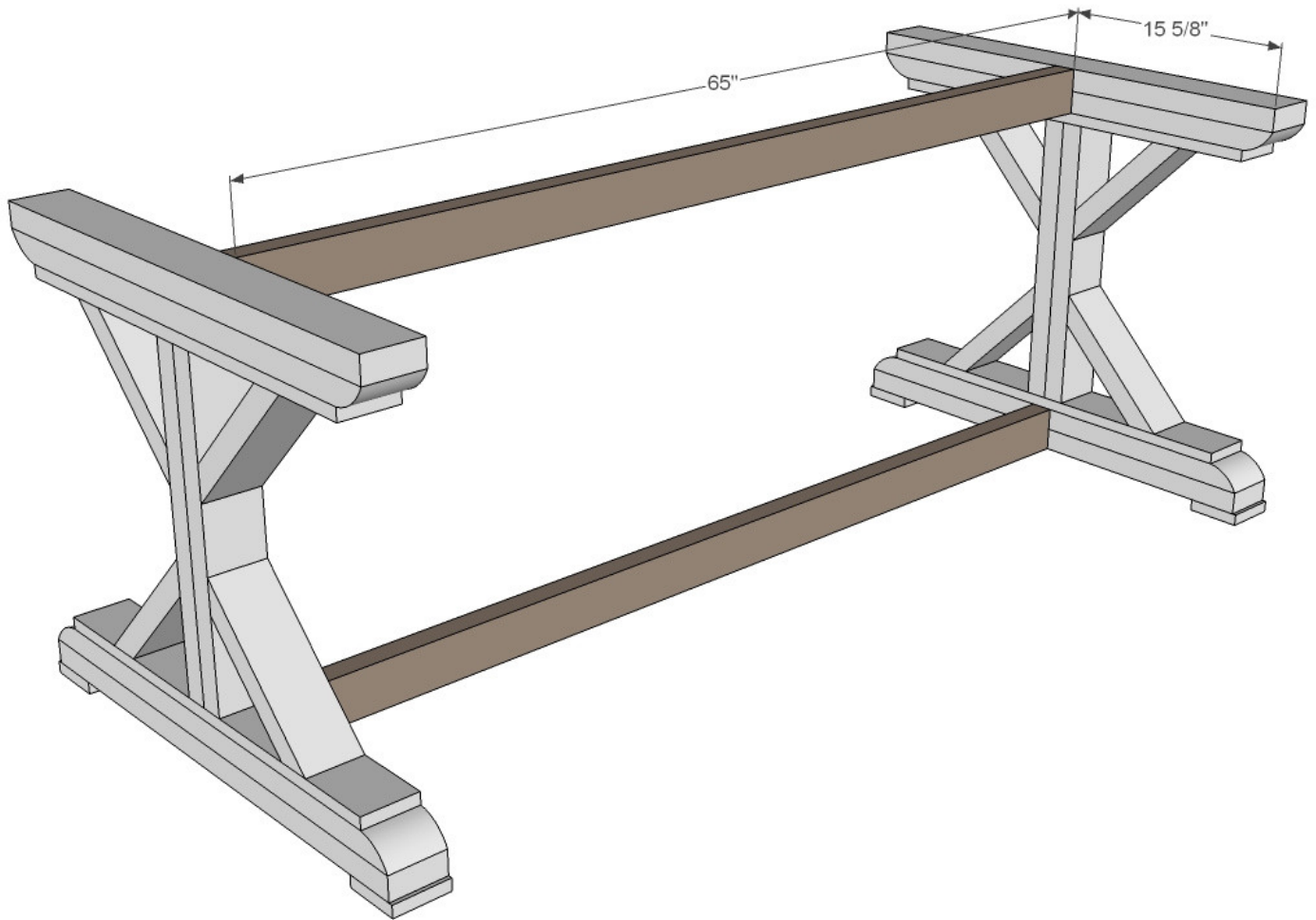
Step 6 Instructions:
Followed by the little feet ...



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Step 7 Instructions:

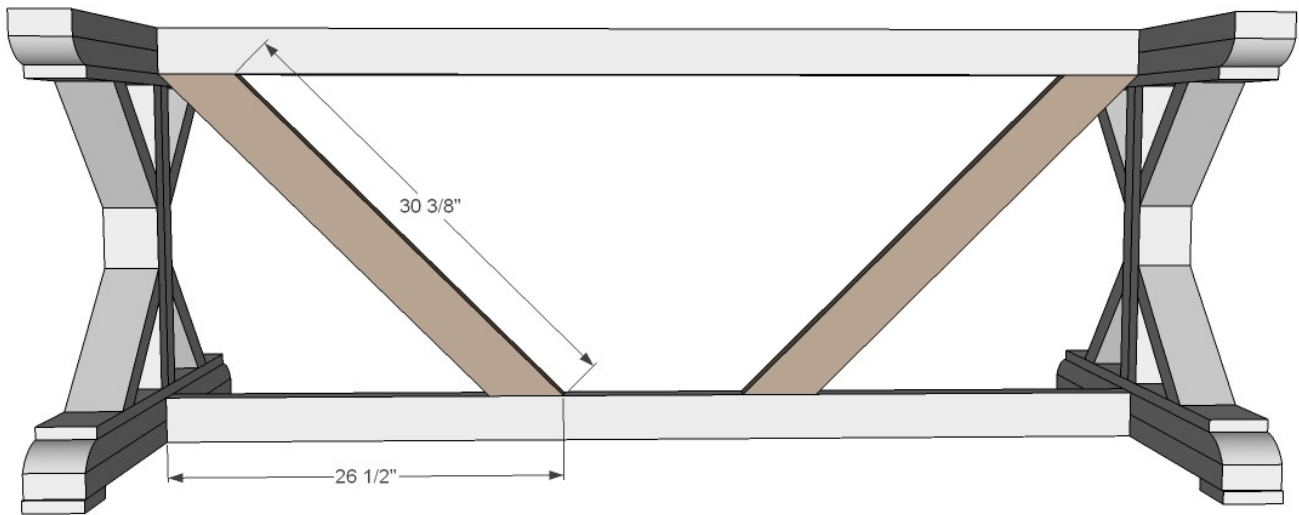
I'd recommend 1 1/2" PHs and 2 1/2" PH screws here ... hide on top and bottom edges



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Step 8 Instructions:
Then the cross braces



Step 9 Instructions:
And finally the top! If you are using the table outdoors, leave a little space between the boards for water drainage.

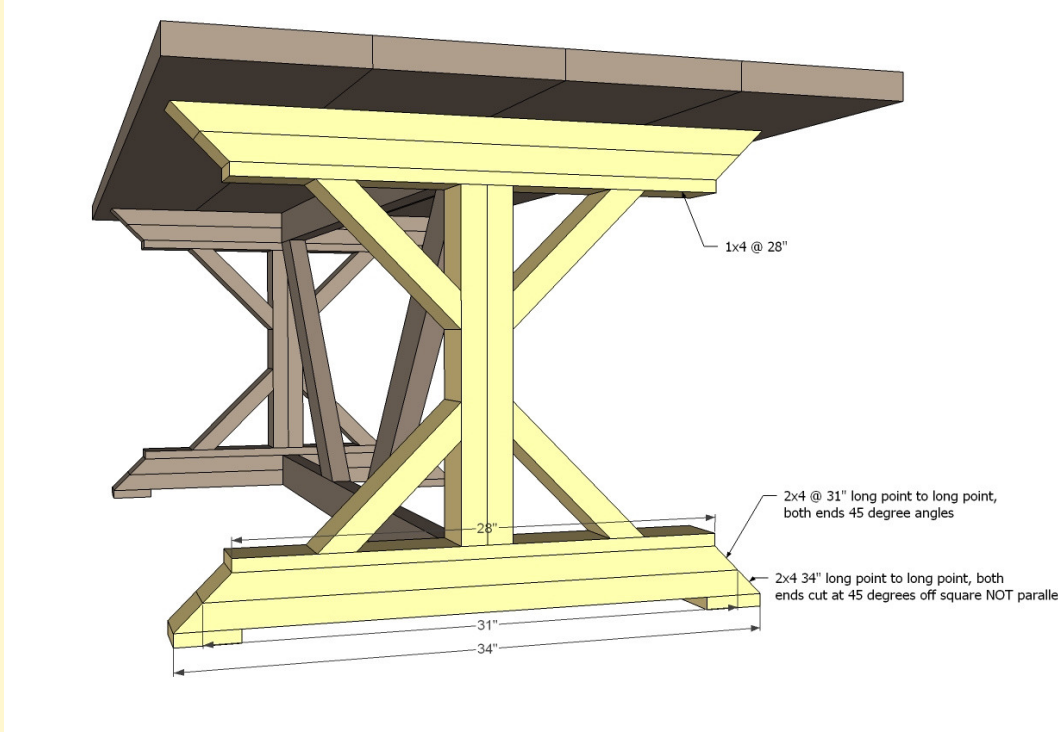


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Step 10 Instructions:

And for the alternate ends - just use 45 degrees off square cuts.



Step 11:



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Finishing Preparation Instructions:

Fill all holes with wood filler and let dry. Apply additional coats of wood filler as needed. When wood filler is completely dry, sand the project in the direction of the wood grain with 120 grit sandpaper. Vacuum sanded project to remove sanding residue. Remove all sanding residue on work surfaces as well. Wipe project clean with damp cloth. It is always recommended to apply a test coat on a hidden area or scrap piece to ensure color evenness and adhesion. Use primer or wood conditioner as needed.



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FARMHOUSE BENCH



Shopping List:

SHOPPING LIST FOR 63" LONG BENCH

3 – 2x6 @ 6 feet long

1 – 2x4 @ 3 feet long

3 – 2x2 @ 8 feet long

2 – 1x2 @ 8 feet long

1 – 1x3 @ 8 feet long

SHOPPING LIST FOR 96" LONG BENCH

3 – 2x6 @ 8 feet long

1 – 2x4 @ 3 feet long

3 – 2x2 @ 8 feet long

2 – 1x2 @ 8 feet long

1 – 1x3 @ 8 feet long

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Shopping List Continued:

2 inch screws

1-1/4" Pocket Hole Screws

2-1/2" Pocket Hole Screws

Elmer's Wood Glue

Elmer's Wood Filler

Tools:

Tape Measure

Speed Square

Pencil

Safety Glasses

Ear Protection

Kreg Jig

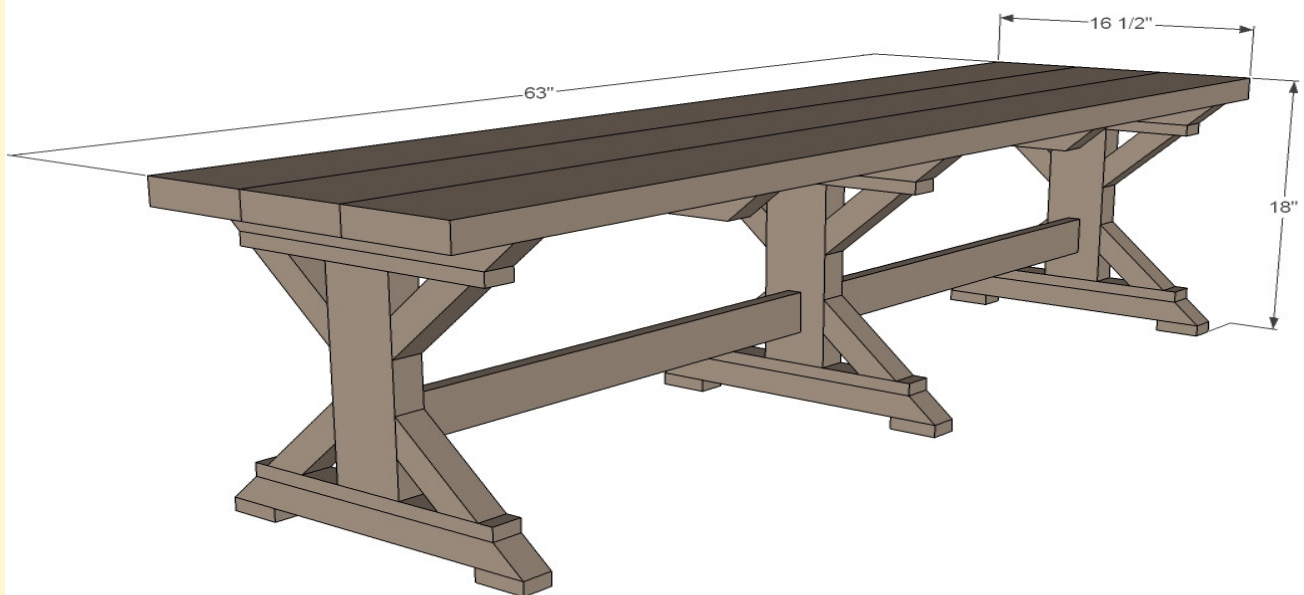
Drill

Miter Saw

Sander

Drill Bit Set

Dimensions:



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Cut List:

LEGS FOR ALL BENCH LENGTHS

3 – 2x4 @ 11 ¼”

12 – 2x2 @ 6” (long point to long point, both ends cut at 45 degrees off square, NOT parallel)

6 – 1x2 @ 13 ½”

8 – 2x2 @ 16 ½” (long point to long point, both ends cut at 45 degrees off square, ends NOT parallel)

6 – 1x2 @ 2 ½”

TOP/STRETCHER FOR 63" LONG BENCH

2 – 1x3 @ 26 ¼”

3 – 2x6 @ 63”

TOP/STRETCHER FOR 96" LONG BENCH

2 – 1x3 @ 34 1/2” (this puts the bench legs to the outside of the table legs just slightly to allow the benches to slide in somewhat)

3 – 2x6 @ 96”

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Build legs first, starting at inside and working outward. Once you have one built, use it as a pattern for the other legs.

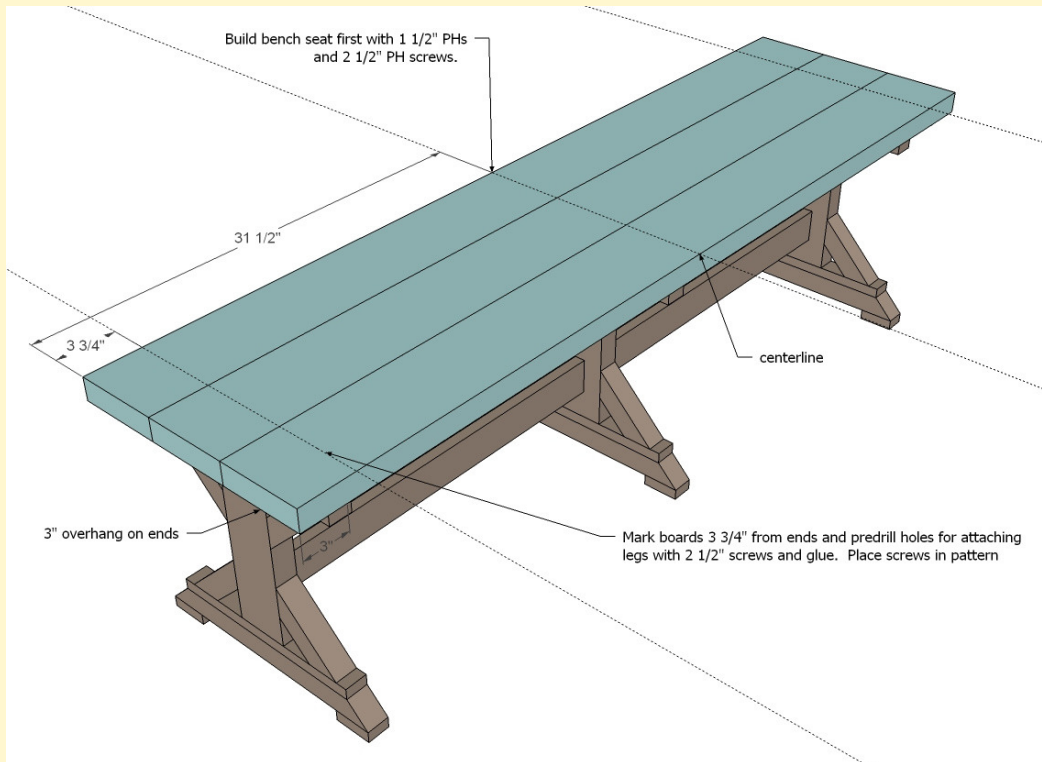


Isometric view of the assembled wooden frame. The frame consists of three vertical legs and two horizontal crossbars. The legs are made of 2x4s and are braced with 2x4s. The crossbars are made of 2x4s. The frame is shown with dimensions: the distance between the legs is 26 1/4" and the height of the legs is 26 1/4". The crossbars are 5" high. The frame is secured with 3/4" PHs and 1 1/4" PH screws.

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Step 3 Instructions:

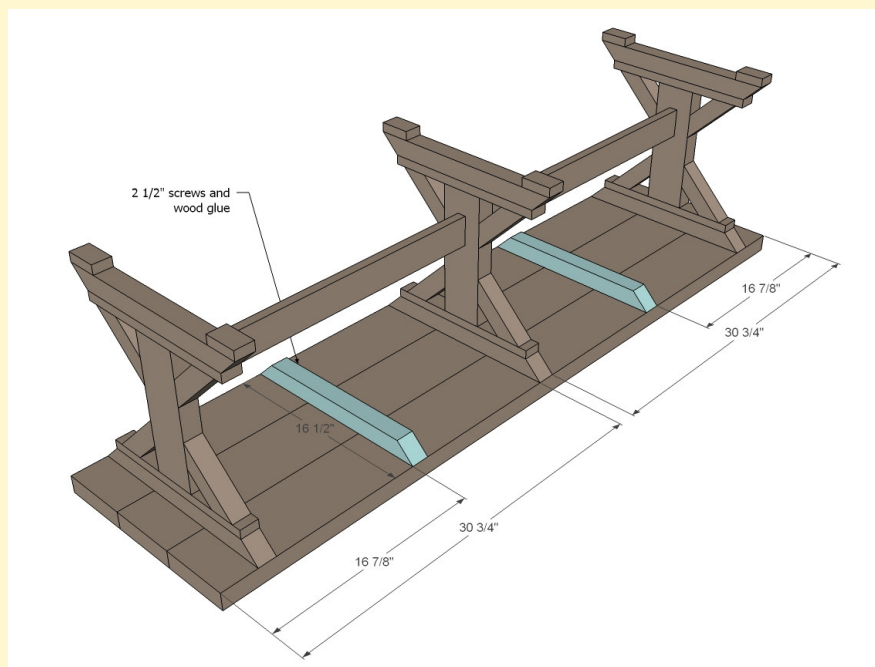
Add seat boards as shown in diagram.



Step 4 Instructions:

Add bottom decorative supports centered between legs. for an additional decorative touch.

For added support, you could also run cross braces from the center support to each leg - not essential for the shorter bench, but a possible consideration for the longer bench.



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Preparation Instructions:

Fill all holes with wood filler and let dry. Apply additional coats of wood filler as needed. When wood filler is completely dry, sand the project in the direction of the wood grain with 120 grit sandpaper. Vacuum sanded project to remove sanding residue. Remove all sanding residue on work surfaces as well. Wipe project clean with damp cloth. It is always recommended to apply a test coat on a hidden area or scrap piece to ensure color evenness and adhesion. Use primer or wood conditioner as needed.



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