


12x16 Gambrel Shed Plans

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This step by step diy project is about **diy 12x16 barn shed plans**. This is a large barn shed that you can build for storage or as a workshop. This shed comes with double front doors, a side door and two medium sized windows. Make sure you read the local building codes and make the needed adjustments to comply with the legal requirements.. Take a look over the rest of my **woodworking plans**, if you want to get more building inspiration.

When buying the lumber, you should select the planks with great care, making sure they are straight and without any visible flaws (cracks, knots, twists, decay). Investing in cedar or other weather resistant lumber is a good idea, as it will pay off on the long run. Use a spirit level to plumb and align the components, before inserting the galvanized screws, otherwise the project won't have a symmetrical look. If you have all the materials and tools required for the project, you could get the job done in about a day.


Projects made from these plans


How to build a gambrel shed 12x16


- **A** – 4 pieces of 4x4 lumber – 192" long **SKIDS**
- **B** – 2 pieces of 2x6 lumber – 192" long, 13 pieces – 141"long **FLOOR**
- **C** – 4 pieces of 3/4" plywood – 48"x96" long, 4 pieces – 48"x48" long **FLOORING**
- **D** – 1 piece of 2x4 lumber – 192" long, 1 piece – 185" long, 1 piece – 8" long, 1 piece – 152" long, 17 pieces – 90" long, 6 pieces – 21" long, 4 pieces – 28" long, 6 pieces – 34" long, 2 pieces – 84 1/2" long, 4 pieces – 27" long, 2 pieces of 2x6 lumber – 35" long **SIDE WALL**
- **E** – 2 pieces of 2x4 lumber – 192" long, 1 piece – 185" long, 15 pieces – 90" long **SIDE WALL**
- **F** – 2 pieces of 2x4 lumber – 137" long, 1 piece – 144" long, 10 pieces – 90" long **BACK WALL**
- **G** – 1 piece of 2x4 lumber – 144" long, 1 piece – 137" long, 6 pieces – 90" long, 2 pieces – 84 1/2" long, 2 pieces – 20 1/2" long **FRONT WALL**
- **H** – 13 pieces of T1-11 – 48"x96" long, 1 piece – 7"x48" long **SIDING**




- 4 pieces of 4x4 lumber – 16'
- 2 pieces of 2x6 lumber – 16'
- 13 pieces of 2x6 lumber – 12'
- 6 pieces of 3/4" plywood – 4'x8'
- 5 pieces of 2x4 lumber – 12'
- 6 pieces of 2x4 lumber – 16'
- 2 pieces of 2x6 lumber – 10'
- 61 pieces of 2x4 lumber – 8'
- 1 piece of 2x6 lumber – 8'
- 1 piece of 1/2" plywood – 4'x8'
- 14 pieces of T1-11 – 48"x96"
- skid ties
- 8d nails, 2 1/2" screws, 3 1/2" screws
- wood filler , wood glue, stain/paint

 Hammer, Tape measure, Framing square, Level

 Miter saw, Drill machinery, Screwdriver, Sander

 Safety Gloves, Safety Glasses

 One day

- **PART 1: 12x16 Barn Shed Plans**
- **PART 2: 12x16 Barn Shed Roof Plans**
- **PART 3: 12x16 Barn Shed Door and Trims Plans**

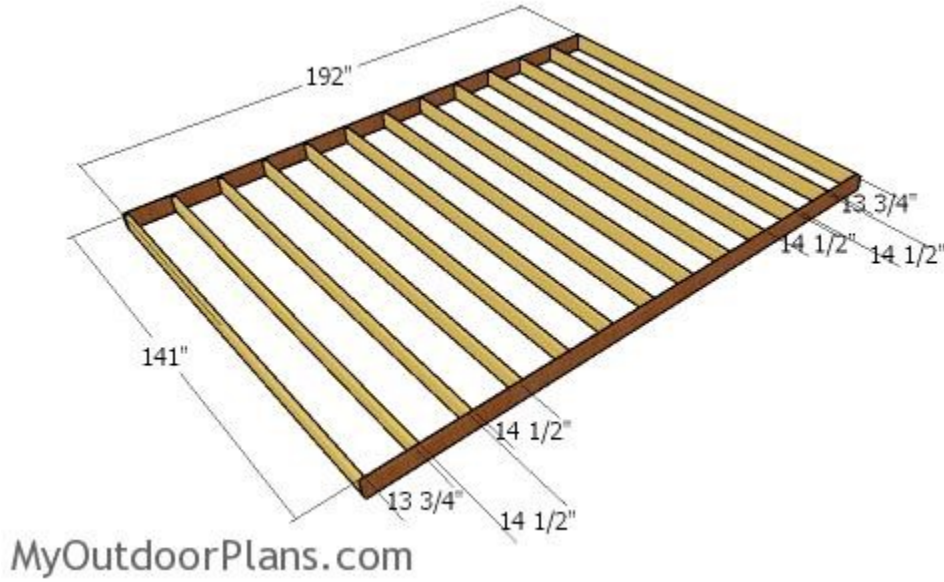
It's that easy to build your own 12x16 shed – Video!





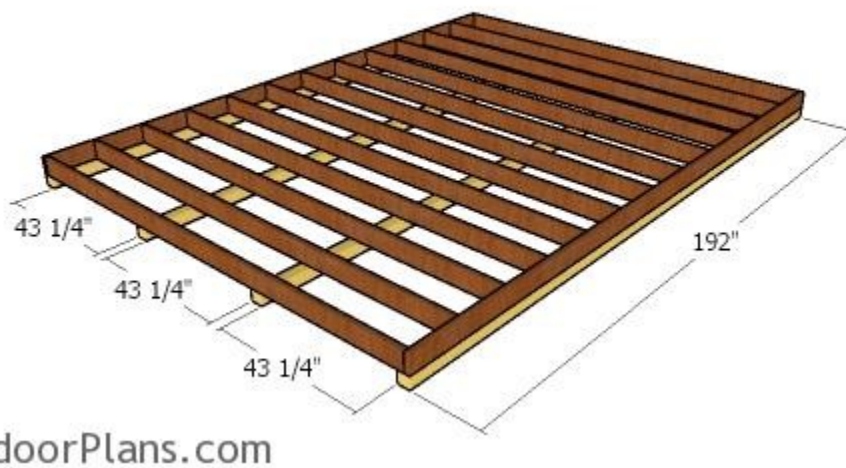
Watch Video At: https://youtu.be/N_JIDNM6TIs

How to build a 12x16 barn shed



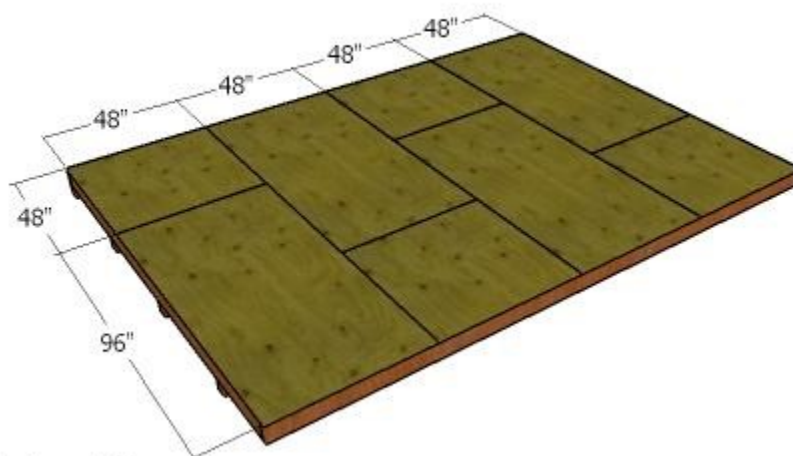
Floor frame

The first step of the project is to build the floor frame for the 10x12 barn shed. Cut the joists for the shed using 2x6 lumber. Align the edges flush on the selected location for the shed. Align the edges flush, drill pilot holes and insert 3 1/2" screws to lock the joists into place. Place the joists every 16" on center for a professional result.



Fitting the skids

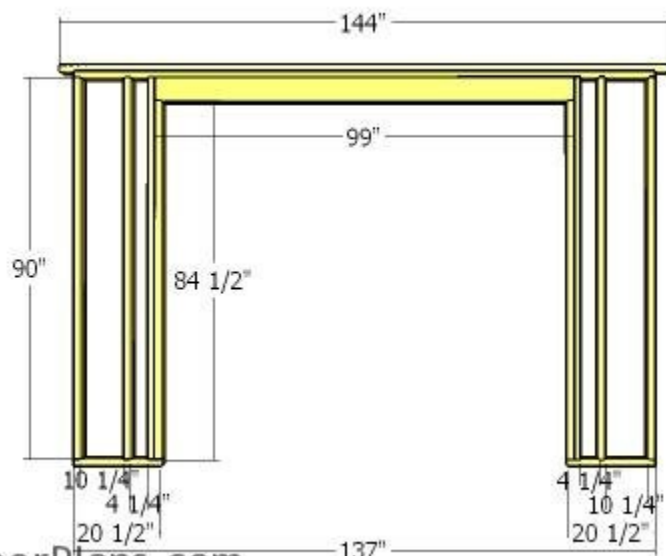
Select the location for the shed and remove the vegetation level. Lay gravel to the surface and then lay the 4x4 skids, below the floor frame. Use rafter ties to secure the skids to the frame. Align the edges with attention.



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Fitting the floor sheets

Use 3/4" plywood sheets to the floor frame. Align the edges with attention, drill pilot holes and insert 15/8" screws, every 8" along the joists. Leave no gaps between the sheets for a professional result.



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Front wall frame

Continue the project by assembling the front wall frame for the shed. Cut the components from 2x4 lumber. Drill pilot holes through the plates and insert 3 1/2" screws into the studs. In addition, you

need to build the double header from 2x6 lumber. Fit 1/2" plywood between the double headers. Lock them together with glue and 2 1/2" screws. Make sure the corners are square and align the edges. You can adjust the size of the door opening to suit your needs.



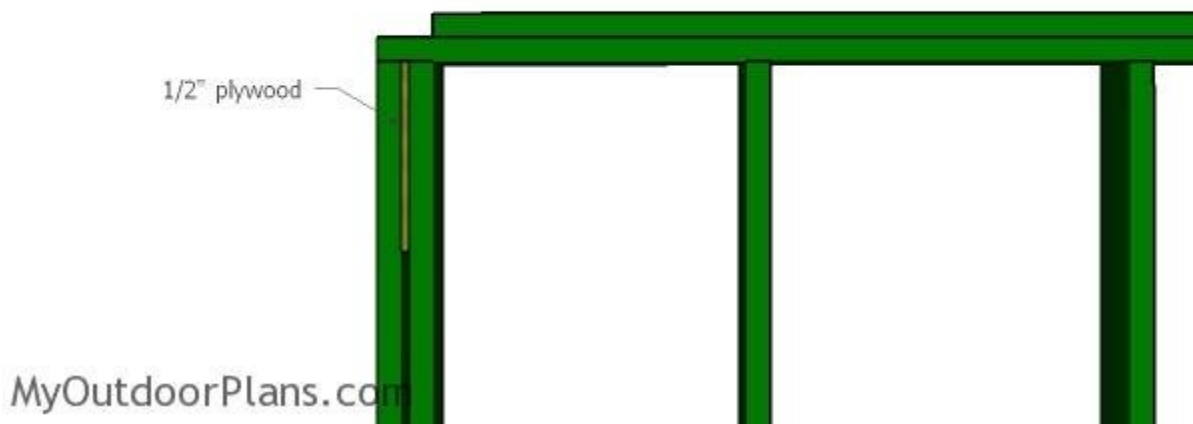
Back wall frame

Continue the project by assembling the back wall for the shed. Cut all the components at the right dimensions. Drill pilot holes through the plates and insert 3 1/2" screws into the studs. Place the studs every 16" on center, for a professional result.



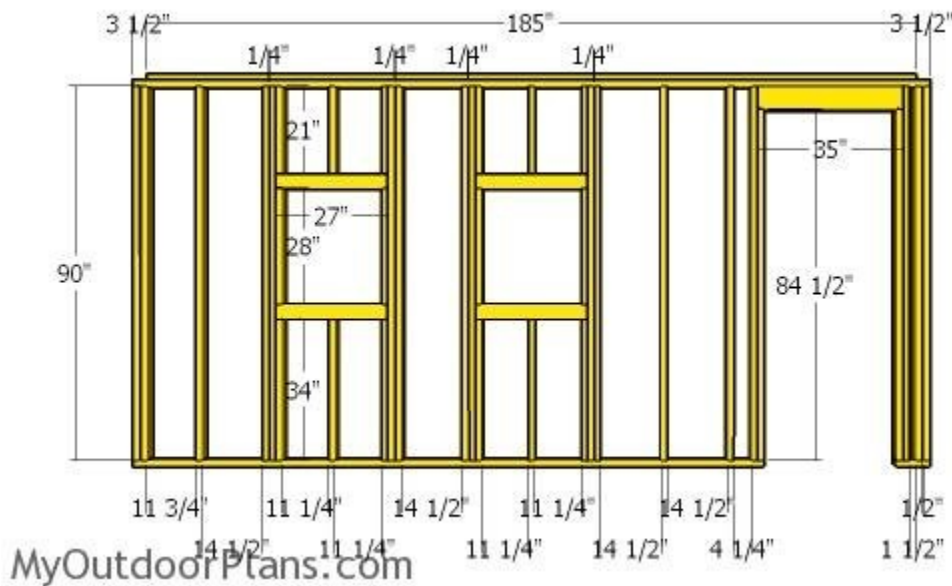
Side wall frame

Build the plain side wall for the shed using the same technique described above. Place the studs every 16" on center and align the edges flush.



Plywood blockings

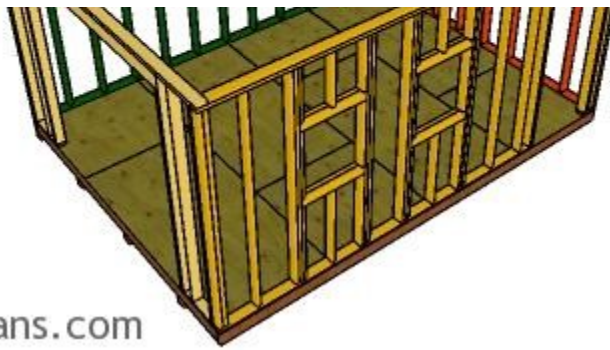
Place 1/2" plywood blockings between the double end studs.



Side wall with window frame

Build the opposite side wall, as shown in the diagram. I recommend you to frame a side door and two small window. These small additions will let enough light inside the shed and an easy access, if you don't handle large objects.

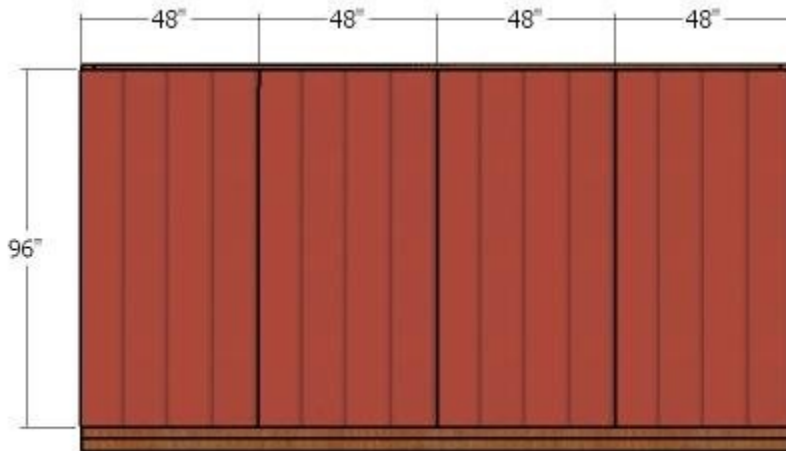




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Assembling the shed frame

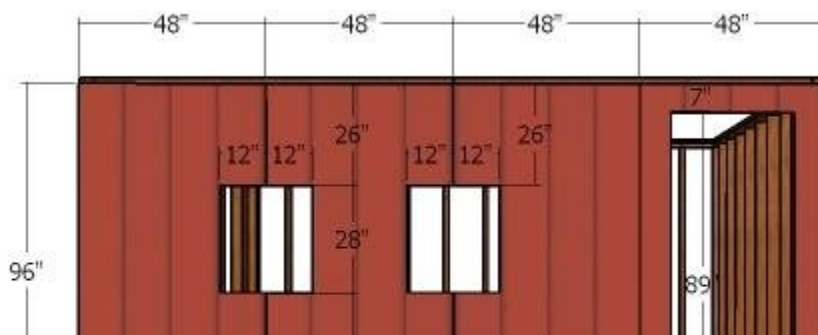
Fit the wall frames to the floor of the shed. Align the edges flush and plumb them with a spirit level. Drill pilot holes through the bottom plates and insert 3 1/2" screws into the floor of the shed. Make sure the corners are square and lock the adjacent wall together with 3 1/2" screws. Drill pilot holes before inserting the screws to prevent the wood from splitting.



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Plain side wall siding sheets

Fit the T1-11 siding sheets to the side wall of the barn shed. Align the edges flush and insert 6-8d nails to lock the sheets into place tightly. Leave no gaps between the sheets for a professional result.





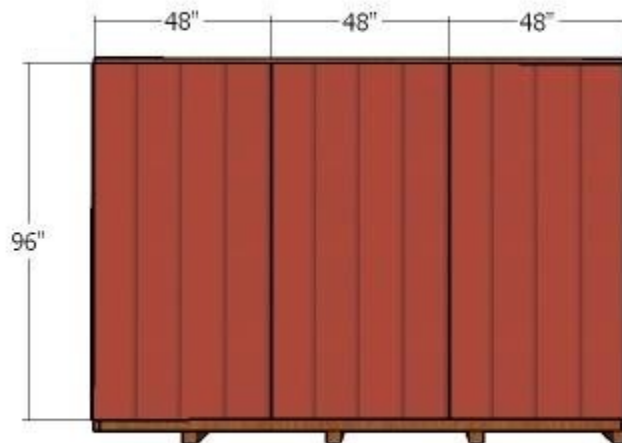
Side wall siding sheets

Fit the T1-11 siding sheets to the opposite side wall. Use a saw to make the cuts, so you can fit the panels around the window and door openings. Use 6d nails every 8" along the framing to secure the sheets into place.



Front siding sheets

Fit the T1-11 siding sheets to the front of the wall. Cut the sheets using the information from the diagram, so you can lock them into place around the door opening. Use 6d nails to secure the panels into place, every 8" along the framing.



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Back wall siding sheets

Fit the T1-11 siding sheets to the back of the 10x12 barn shed. Inset the sheets 1 1/2" from the top plates. Leave no gaps between the sheets and secure them into place with 6-8d nails, every 8" along the framing.



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12x16 Gambrel Shed – Free DIY Plans

This barn shed is easy to build and in most cases it will be large enough for the needs of a family. This shed has a side window and door, so you can use it as a workshop, as well.



12x16 shed plans

Make sure you check out the rest of the project, so you learn how to frame the roof and how to attach the door and the trims to the barn shed. In addition, I have lots of other shed projects on the site so I recommend you to browse through all alternatives before starting the building project. See plans for a 10×12 gambrel shed **HERE**.

This woodworking project was about **12×16 barn shed plans free**. If you want to see more outdoor plans, check out the rest of our step by step projects and follow the instructions to obtain a professional result.

