

14'X16'

LEAN TO SHED PLAN

FREE STREAMLINED VERSION



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DIFFERENCES BETWEEN OUR FREE & PREMIUM PLANS



VS.



PREMIUM 14'x16' PLAN

- 30+ detailed 3D schematics
- Views from all angles
- Measurements for every part
- Full layouts for every step
- Step-by-step assembly instructions
- Full material / shopping list
- Full cutting list
- PRO-TIPS for every section
- Mobile / Tablet ready
- Designed for newbies and pro's

FREE 14'x16' PLAN

- Basic schematics
- Basic angles
- Basic measurements
- Basic layouts
- Simplified instructions

LEARN MORE ABOUT PREMIUM 14'X16' SHED PLAN BENEFITS

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LIABILITY

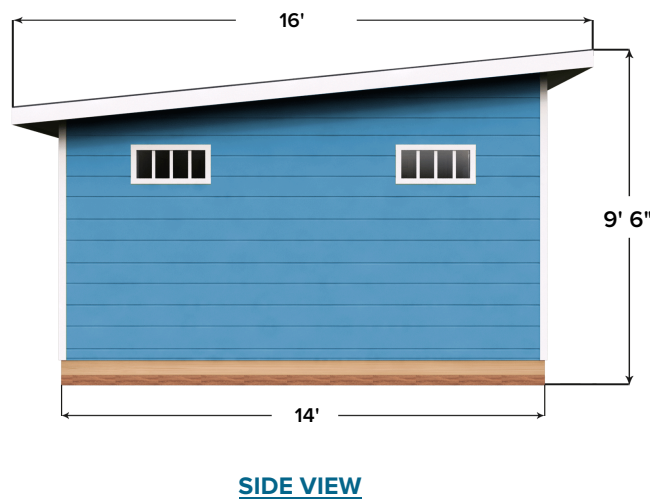
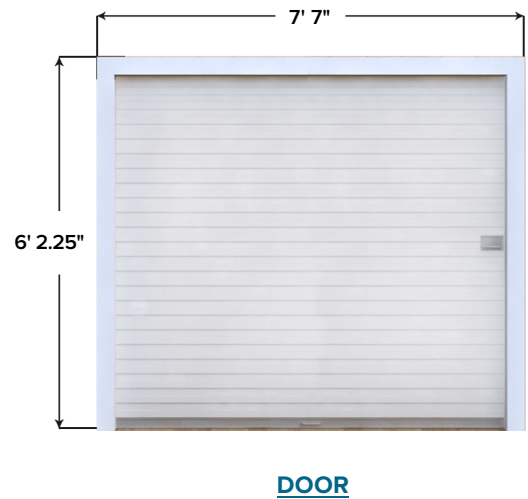
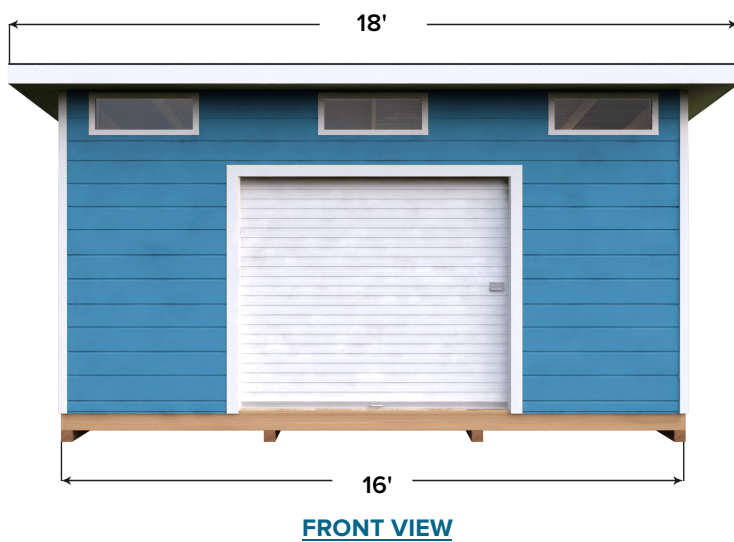
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1 BASIC OVERVIEW AND DIMENSIONS

This 14x16 'Lean to Shed' is the perfect shelter for your yard tools. Our premium shed plan includes diagrams and step-by-step instructions for building this shed, while this free plan is a taster for what you can expect from it. Lean to Sheds are ideally placed against an existing structure, such as an external wall, however they can be placed standalone if you like. At 14x16, this shed is large enough for most machinery and yard tools, and it is also big enough to be used as office space. You can also incorporate electric outlets in this shed, should you need to draw power from outside. As with all our shed plans, you will start building this shed with the foundation, before moving onto the walls, and finally the roof. You will need an extensive number of materials to build this shed, comprising lumbar, siding and OSB sheathing.

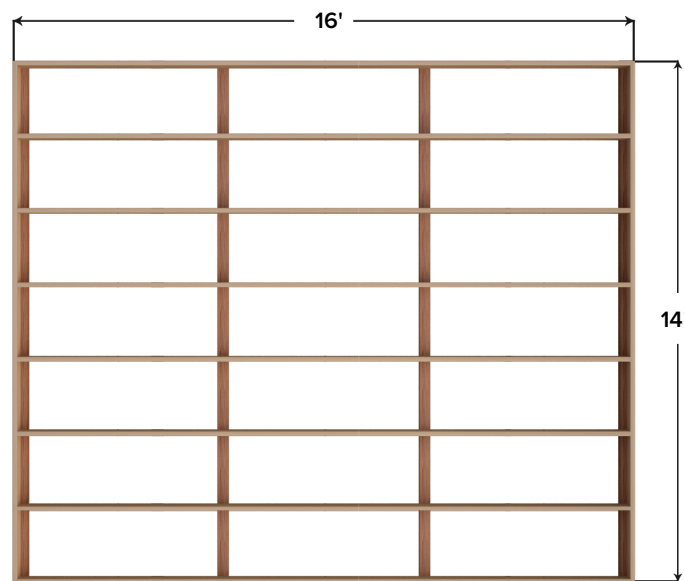


NOTE

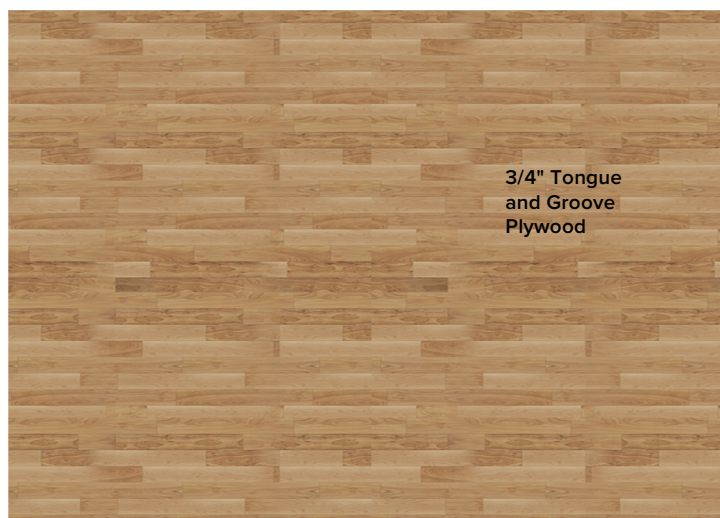
Use old doors and windows to save money. Follow manufacturer's instructions to accurately install the doors and windows.

2 FOUNDATION AND FLOOR

To build the foundation, you will use pressure-treated timber and 0.75" tongue and groove plywood. You need x4 14' 2x6 rim joists, x8 16' 2x6 floor joists, x4 14' 4x4 skids and x7 4' x 8' tongue and groove plywood sheets. Start by cutting two 3x6 1' rim joists and seven 2x6 15' 9" floor joists. Nail through the rim joists into the floor joists, to create the frame. You need to use approximately 32 nails to secure the joists together. You'll use 3.5" galvanized nails. Once this is complete, cut four 4x4 skids to 14' and add them to the bottom of the frame, spaced 4' 11.3" apart, and use 6" bolts and nails to secure the skids onto the rim joist. With the foundation's frame now complete, nail the tongue and groove plywood onto the frame. To do this, cut six 4' x 8' pieces of plywood and two 2' x 8' sheets. Use 2" nails to nail the plywood onto the frame and the floor joists. You will use around 72 nails to do this.



FOUNDATION BASE



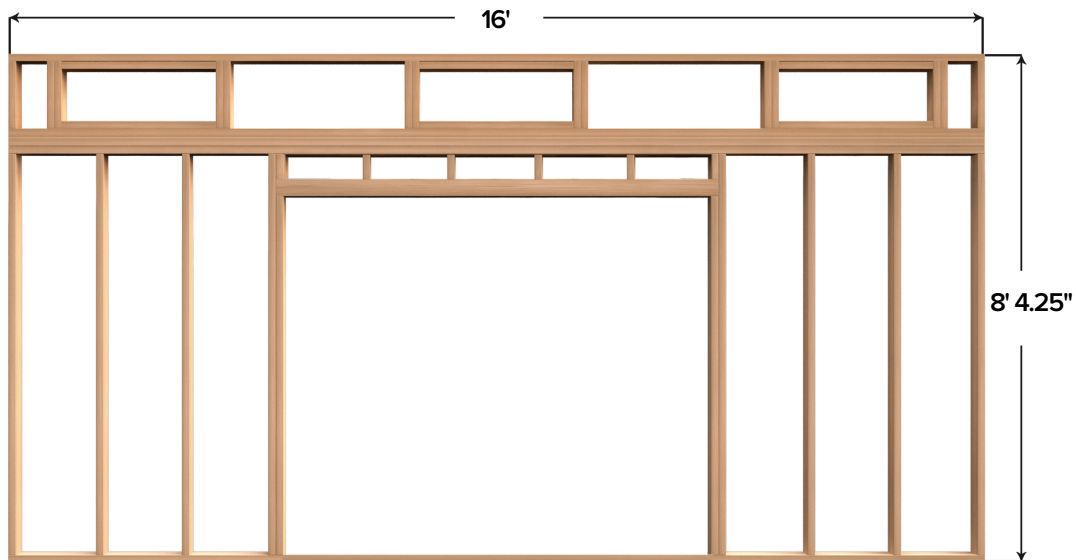
FLOOR

NOTE

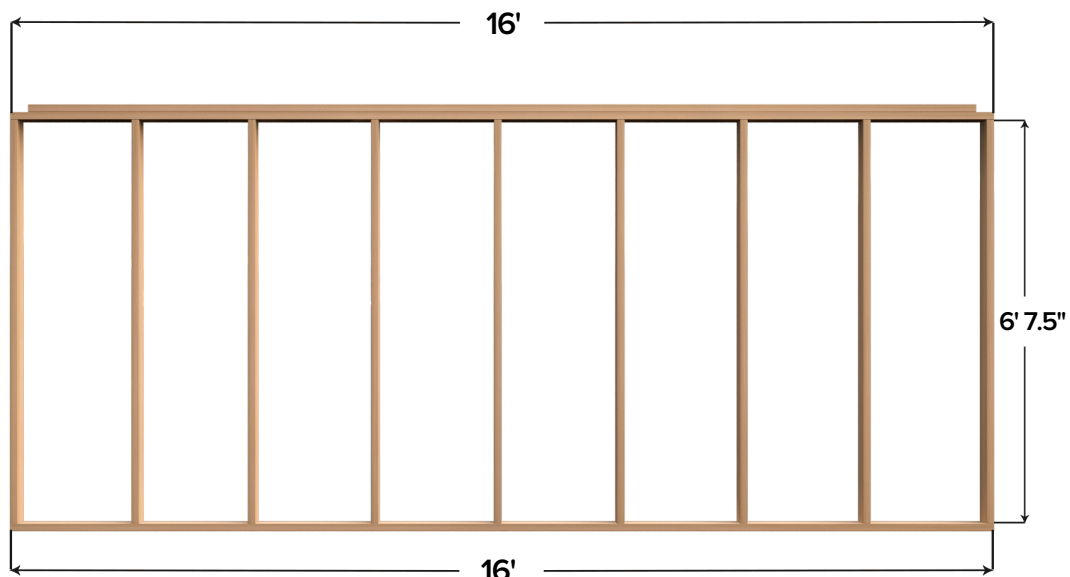
Buy per-designed joists and skids if you are new to building sheds. This way, you will reduce the chances of any complications in sizing and spacing.

3 WALL STRUCTURES

To build the front wall, you will need x3 16' 2x4 plates, x8 8' 2x4 wall studs, x6 6" 2x4 cripple studs, x2 6' 2x4 trimmer studs, x2 7' 3" headers and x4 4' x 8' 5/8" T1-11 siding sheets. Cut and frame the wall studs and the top and bottom plates. Nail the two outer studs to the bottom plate, and then nail the top plate onto these. Space the three inner studs 1' 3.5" apart, leaving a 7' gap in the middle for the garage door opening. You will use two top plates for this wall, and the total length of each wall stud should be 6' 7.5". Building the back wall is a simpler task, since there's no opening. Cut and frame your wall studs and your top and bottom plates. Nail these together, leaving 2.25" between each of the inner studs. The right two outer studs should have a space of 22.125", while the left two outer studs should have a space between them of 22.125" too.



FRONT WALL



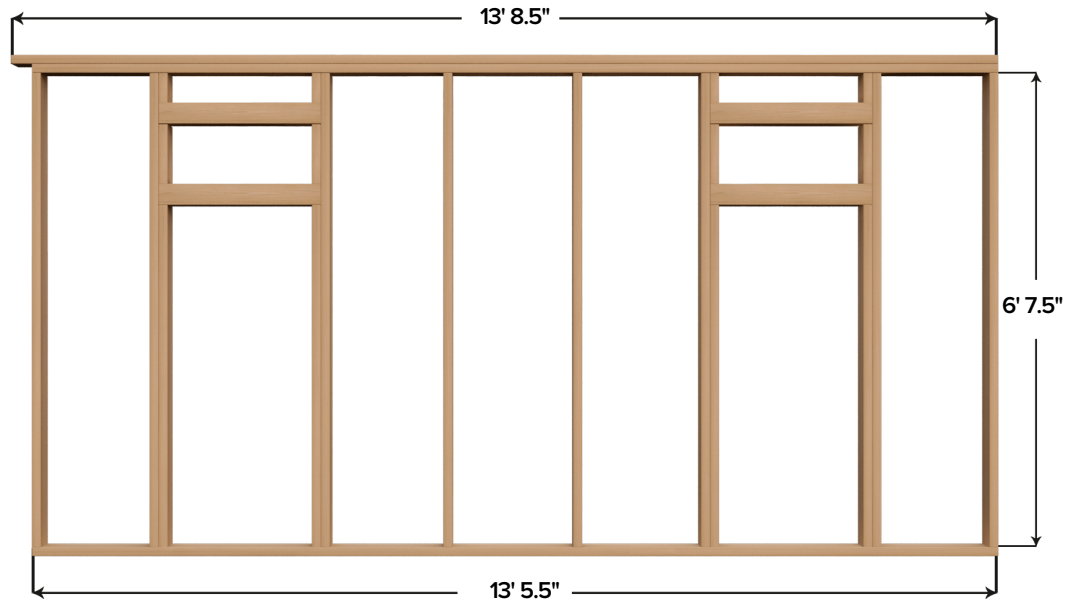
BACK WALL

NOTE

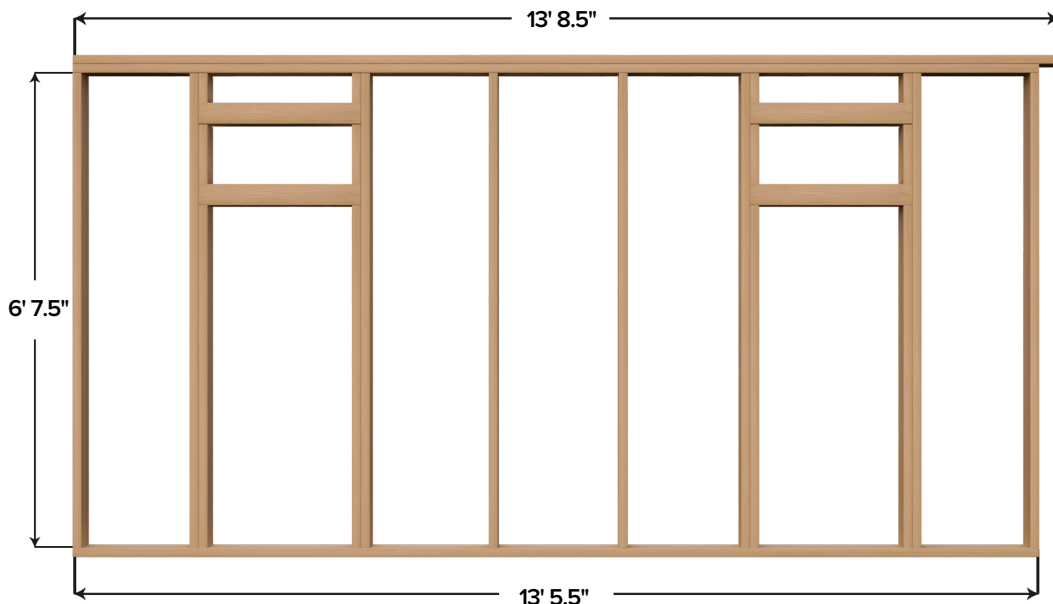
Add self-adhering flashing on the bottom edges of the windows before installing T1-11.

4 WALL STRUCTURES

To build the right wall and left walls, start by cutting and framing the wall studs, and the top and bottom plates. The bottom plate should measure 13' 5.5", and each wall stud should measure 6' 7.5" in length. The top plate should have an additional section, with a length of 13' 8.5", so it has an overhang. Start by spacing the two outer studs 1' 6" from the frame. The three inner studs should be spaced 1' 8.5" apart, leaving a gap for the window cut outs you will make later. To build the left wall, follow the same instructions as for the right wall, since both are identical to one another.



RIGHT WALL



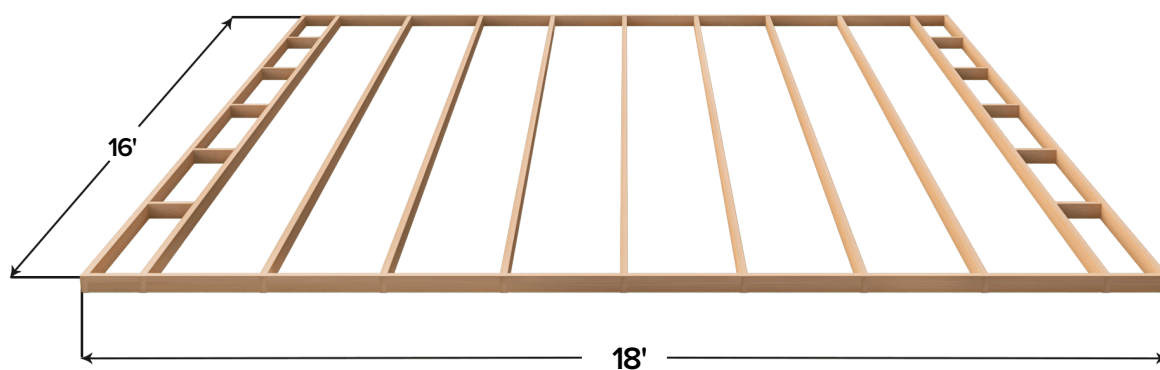
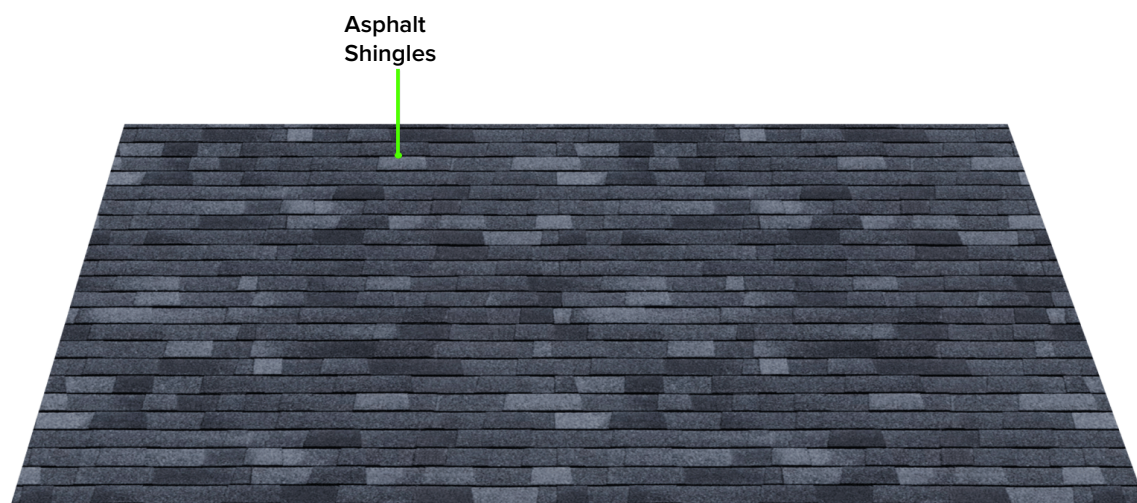
LEFT WALL

NOTE

Make sure the edges of T1-11 do not overlap each other as this will compromise the functioning and appearance of the T1-11.

5 ROOF SECTION

To build the roof, you will start with the rafters. You will need 11 rafters in total (9 inner rafters, 2 outer rafters). Nail these onto the top plates using 3.5" galvanized nails, and use a few 2x4 blockings to attach and install the end rafters. You will also need to cut and frame a sub fascia too, before installing the OSB roof sheathing. Once you have installed the sheathing, the next step is to install the felt, then the starter shingles, and finally the asphalt shingles.



NOTE

Follow the manufacturer's instructions carefully while installing the shingles. Get additional help for the roofing task to safely get the job done.

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