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10x12 Shed Plans



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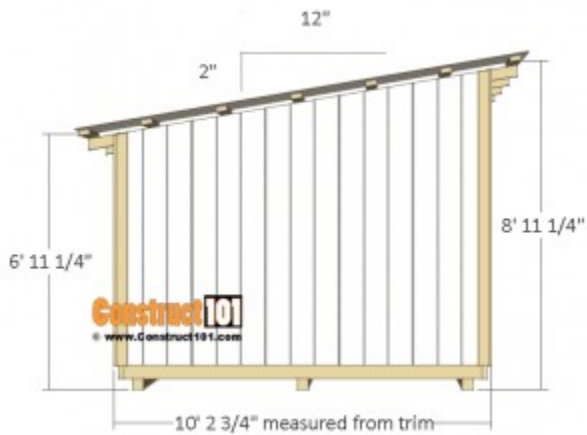
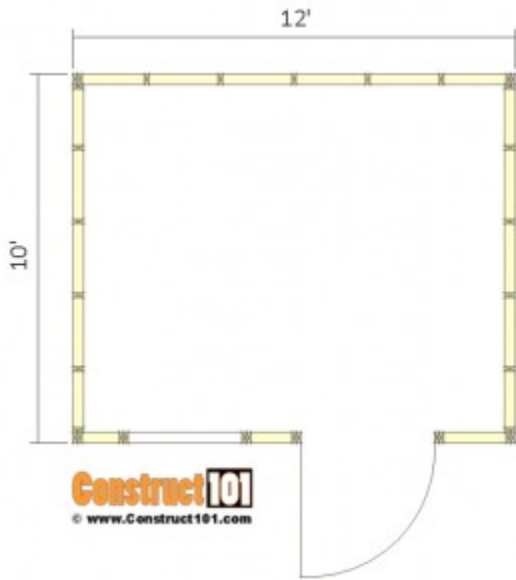
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10x12 Lean To Shed Plans – Overview



10x12 Lean To Shed Plans – Material List

Shopping List

A shopping list is included. Since lumber can be purchased in different sizes the shopping list will vary. Study the cut list to see what will work best for you.

(material for door/window not included)

Floor

- 2 – 2x6 pressure treated – 12'
- 10 – 2x6 pressure treated – 10'
- 3 – 4x4 pressure treated – 12'
- 4 – 3/4" tongue and groove plywood – 4x8 sheets

Walls

- 4 – 2x4 – 12'
- 4 – 2x4 – 10'
- 30 – 2x4 – 8'

Rafters

- 7 – 2x4 – 12'

Siding

- 11 – t1-11 exterior siding – 4x8 sheet

Roof

- 7 – 2x4 – 14'
- 3 – 2x4 – 8'

Trim

- 10 – 1x4 – 8'

Hardware

- 3 1/2" galvanized nails
- 2" deck screws
- 2" galvanized finishing nails
- corrugated roofing panels
- roofing panel screws
- 3 – door hinge
- 1 – door handle
- 1 – door latch

Cutting List

(material for door/window not included)

Floor

2 – 2×6 – 12'

10 – 2×6 – 9' 9"

4 – 3/4" tongue and groove plywood – 4×8 sheets (cut to size)

Walls

4 – 2×4 – 12'

9 – 2×4 – 7' 4 1/2"

21 – 2×4 – 5' 8 1/2"

4 – 2×4 – 9' 5"

Rafters

7 – 2×4 – 11' 10 3/8"

4 – 2×4 – 8' (cut to size)

Siding

11 – t1-11 exterior siding – 4×8 sheet (cut to size)

Roof

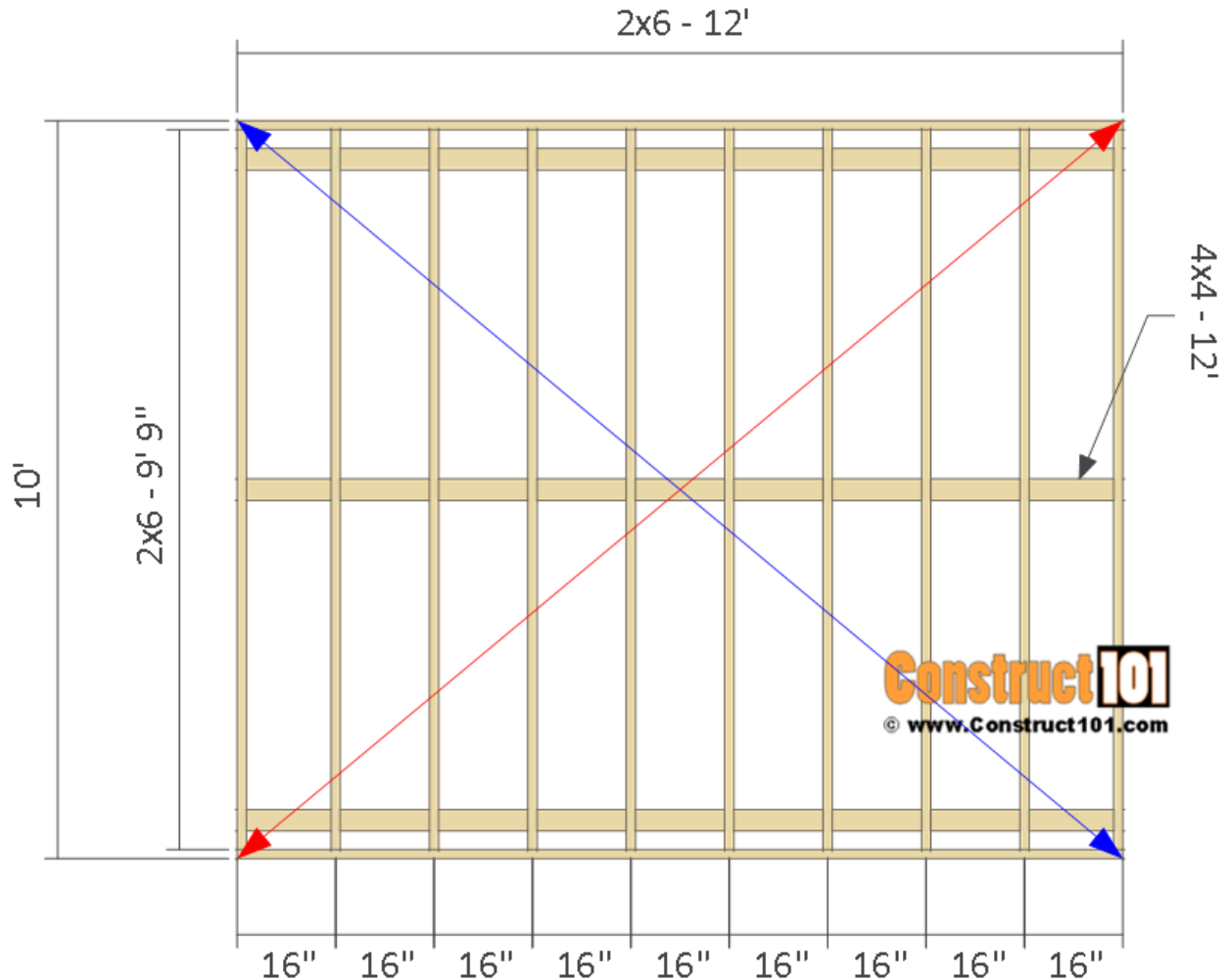
7 – 2×4 – 14'

3 – 2×4 – 8' (cut to size)

Trim

10 – 1×4 – 8' (cut to size)

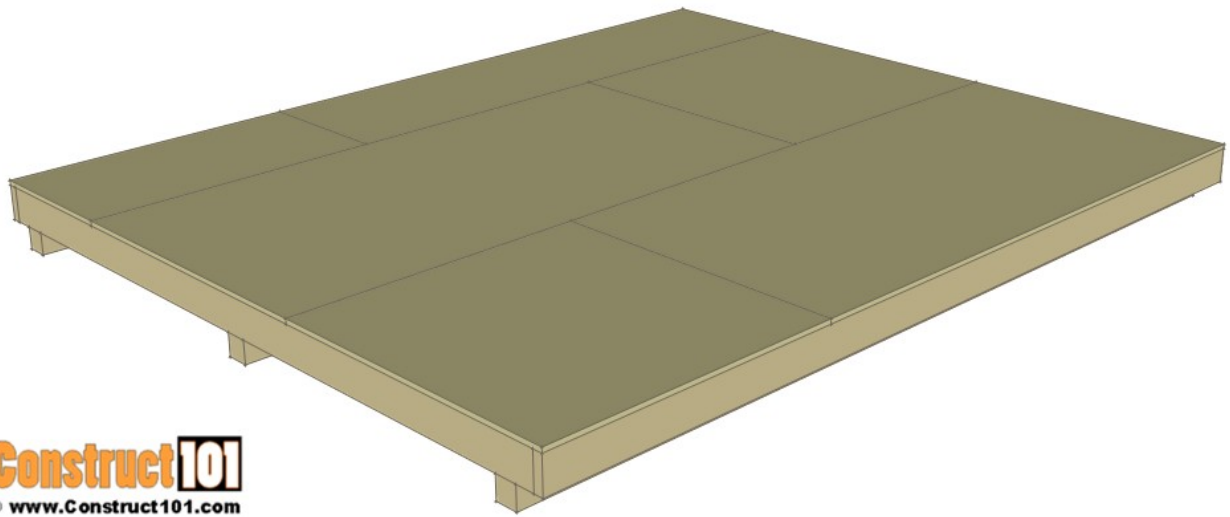
Floor



Cut two 2×6's to 12' long for the floor band. Cut ten 2×6's to 9' 9" for the floor joist. Cut three 4×4's to 12' long for the skids.

Assemble as shown on illustration above, floor joist are spaced 16" O.C., use 3 1/2" nails, nail through the bands and into the joist.

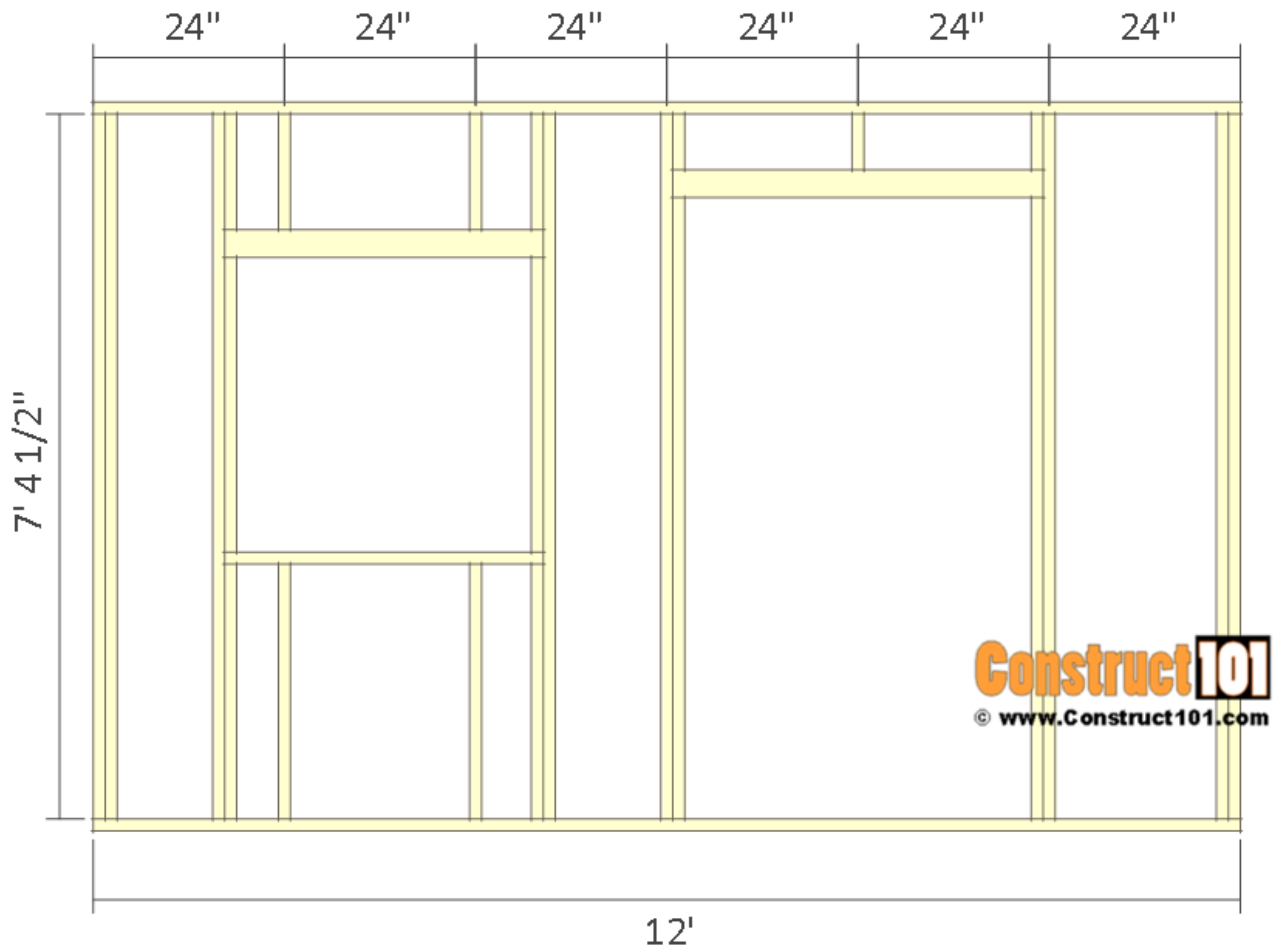
Square the floor frame by measuring diagonally until both sides measure the same.



Measure and cut to size the 3/4" tongue and groove floor deck.

Screw 2" deck screws through the plywood floor and into the floor frame.

Walls



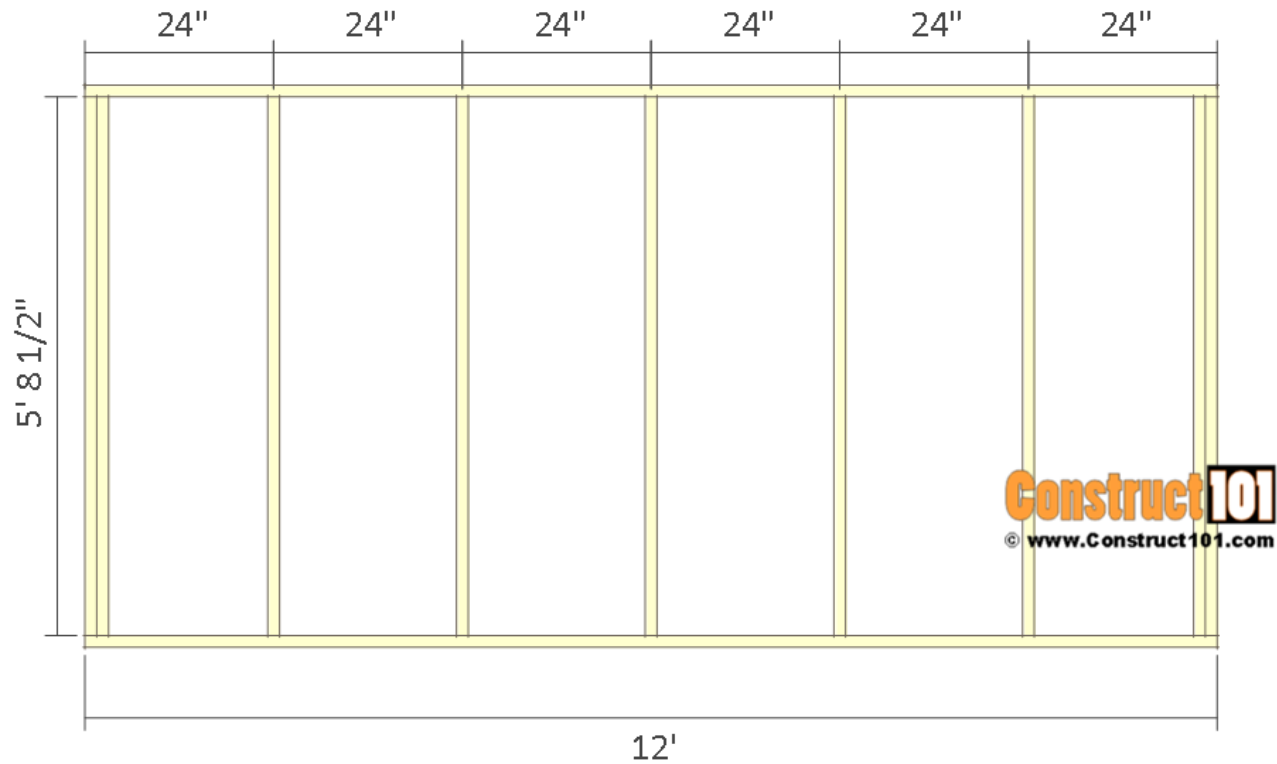
Front Wall Frame:

Wall studs are spaced 24" O.C.

Cut two 2×4's to 12' long for the top and bottom plate. Cut nine 2×4's to 7' 4 1/2" for the wall studs.

See door and window PDF for framing details.

Use 3 1/2" nails to assemble wall frame.

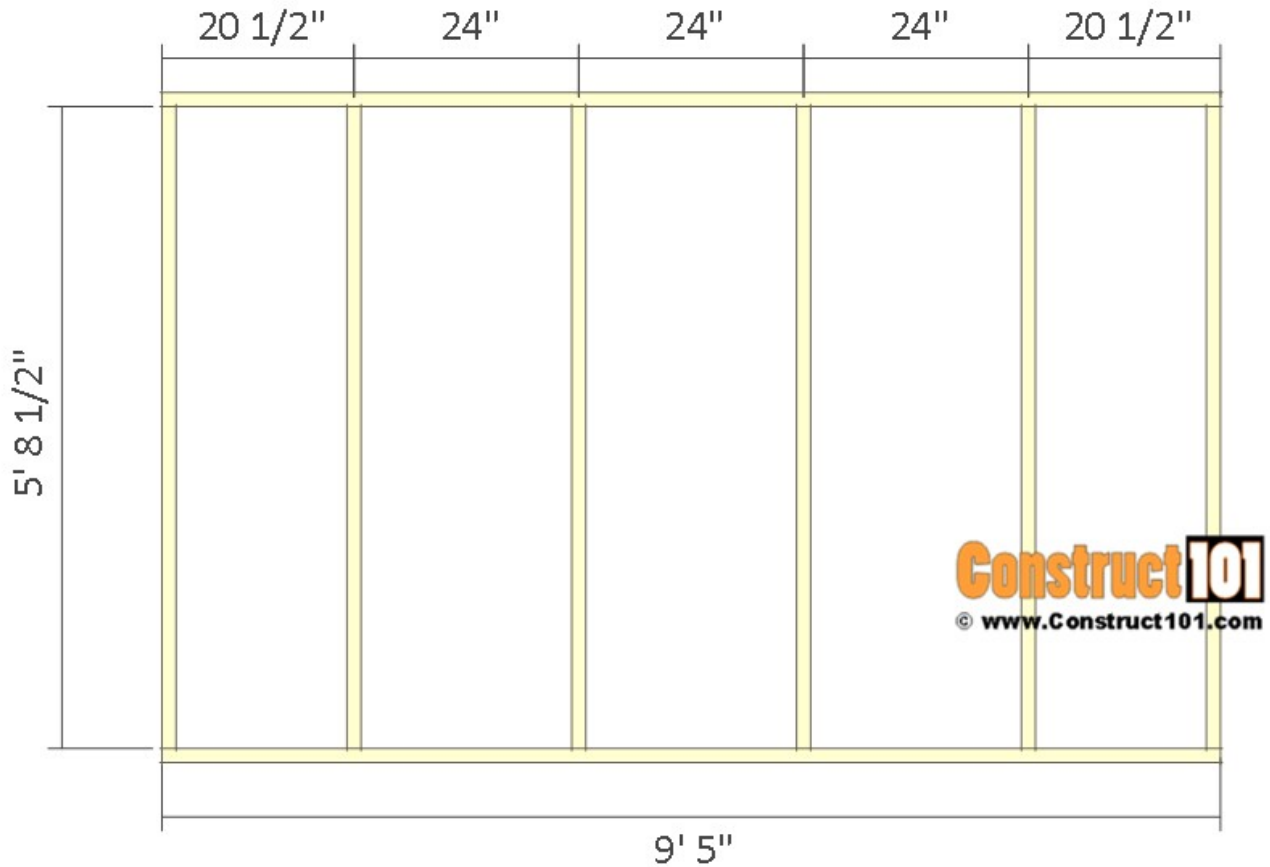


Back Wall Frame:

Wall studs are spaced 24" O.C.

Cut two 2×4's to 12' long for the top and bottom plate. Cut nine 2×4's to 5' 8 1/2" for the wall studs.

Use 3 1/2" nails to assemble wall frame.



Side Wall Frame:

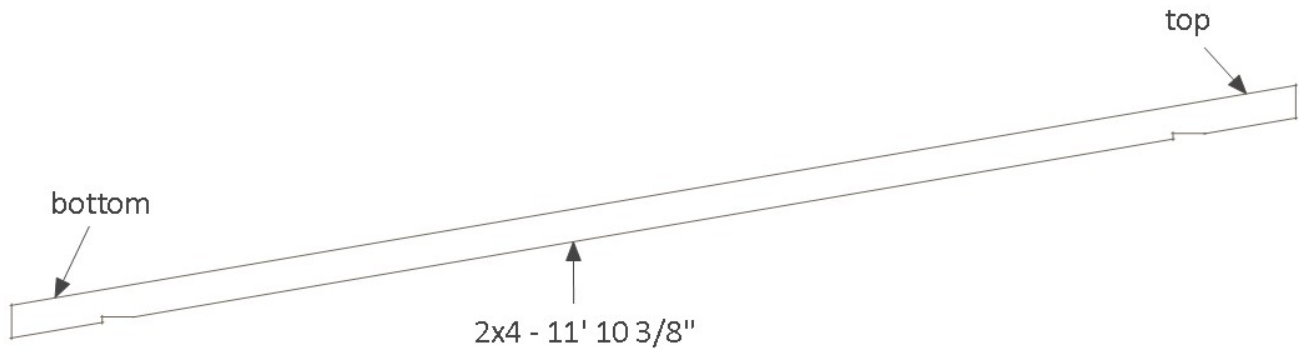
Cut four 2×4's to 9' 5" long for the top and bottom plate. Cut twelve 2×4's to 5' 8 1/2" for the wall studs.

Use 3 1/2" nails to assemble wall frame as shown on illustration above.



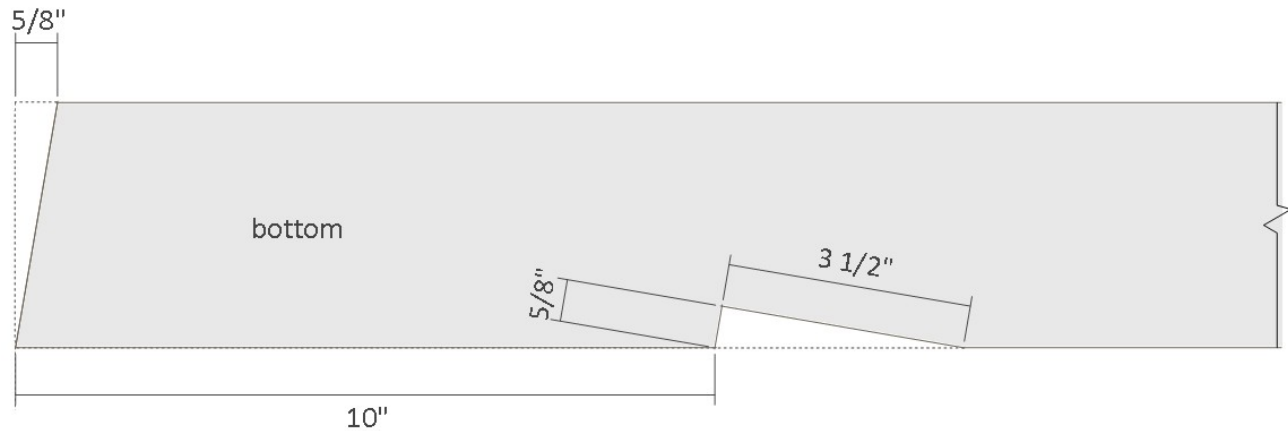
Secure the wall frames using 3 1/2" nails.

Rafters

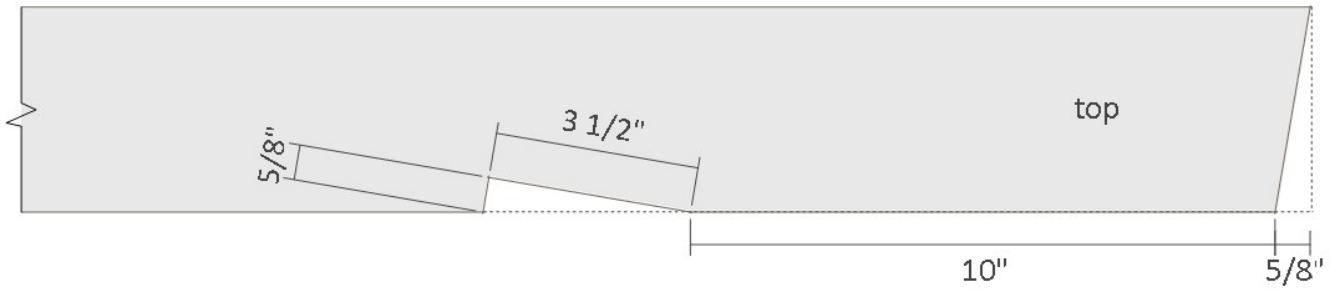


Cut seven 2×4's to 11' 10 3/8" for the rafters. Cut the ends of the rafters as shown on illustration below.

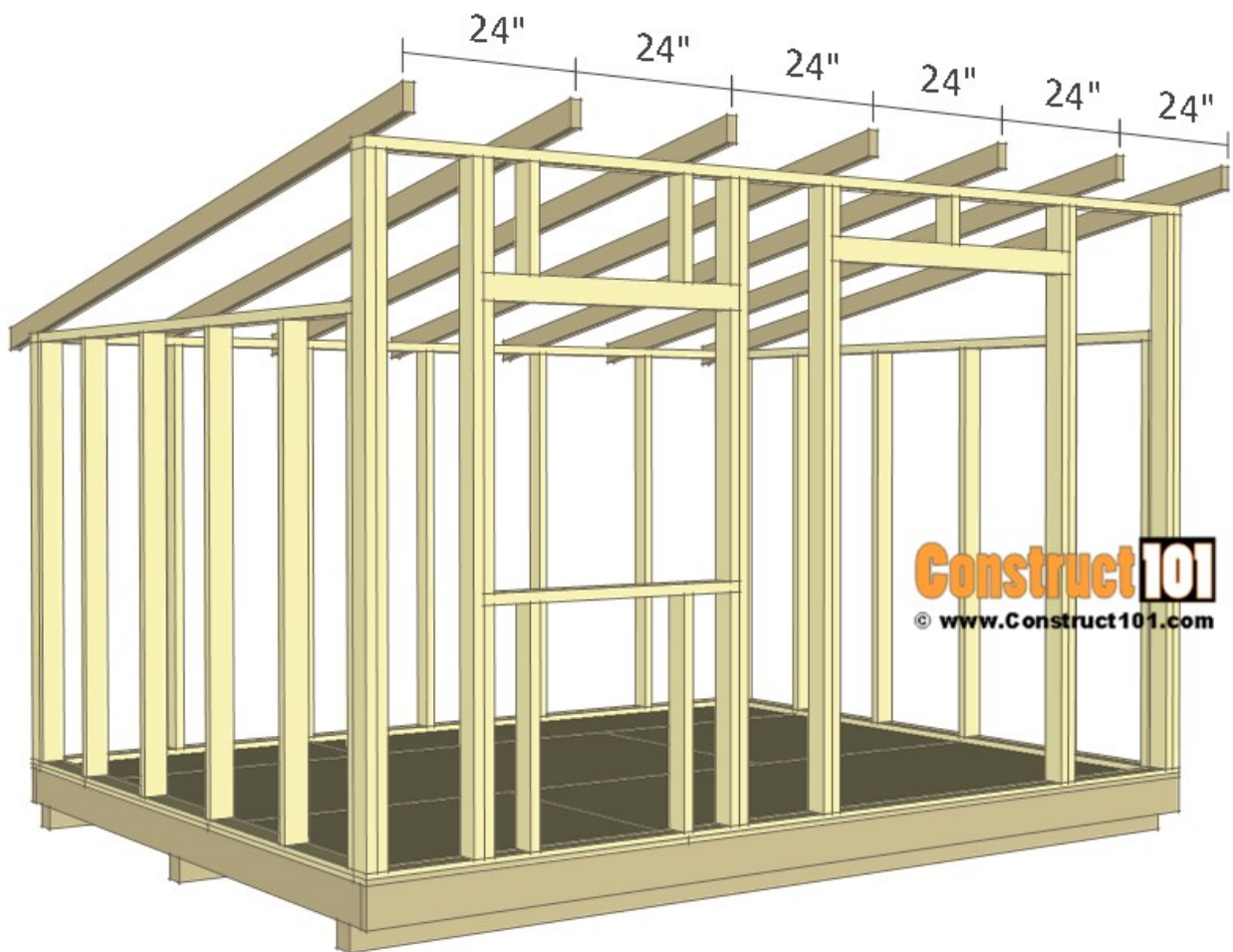
Before cutting all rafters make sure to test the first rafter for a good fit and use it as a template for cutting the remaining rafters.



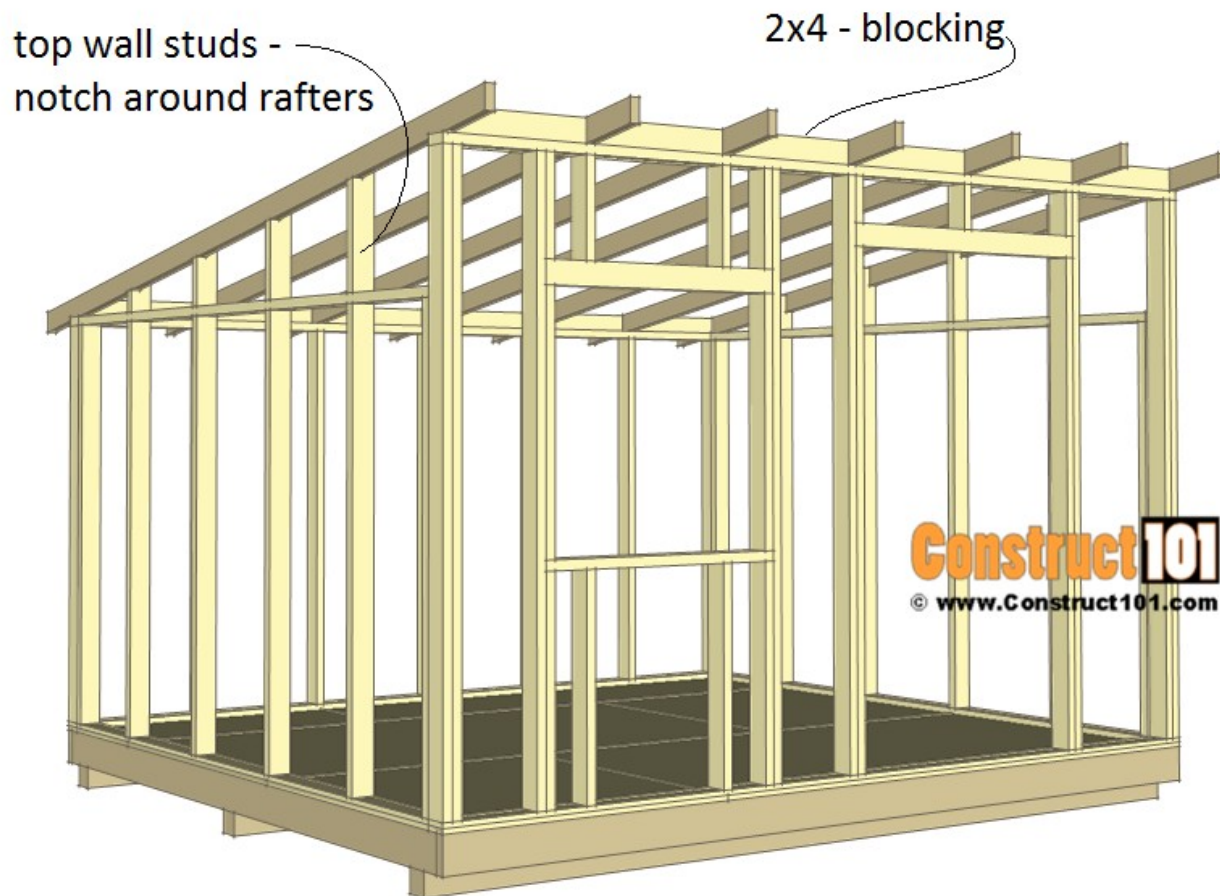
Cut the bottom rafter end as shown on illustration above.



Cut the top rafter end as shown on illustration above.



Rafters are spaced out 24" O.C., install using 3 1/2" nails.



Measure and cut the top wall studs for the side walls to size, notch around rafters and install using 3 1/2" nails.

Cut 2x4 blocking to size and install between rafters using 3 1/2" nails.

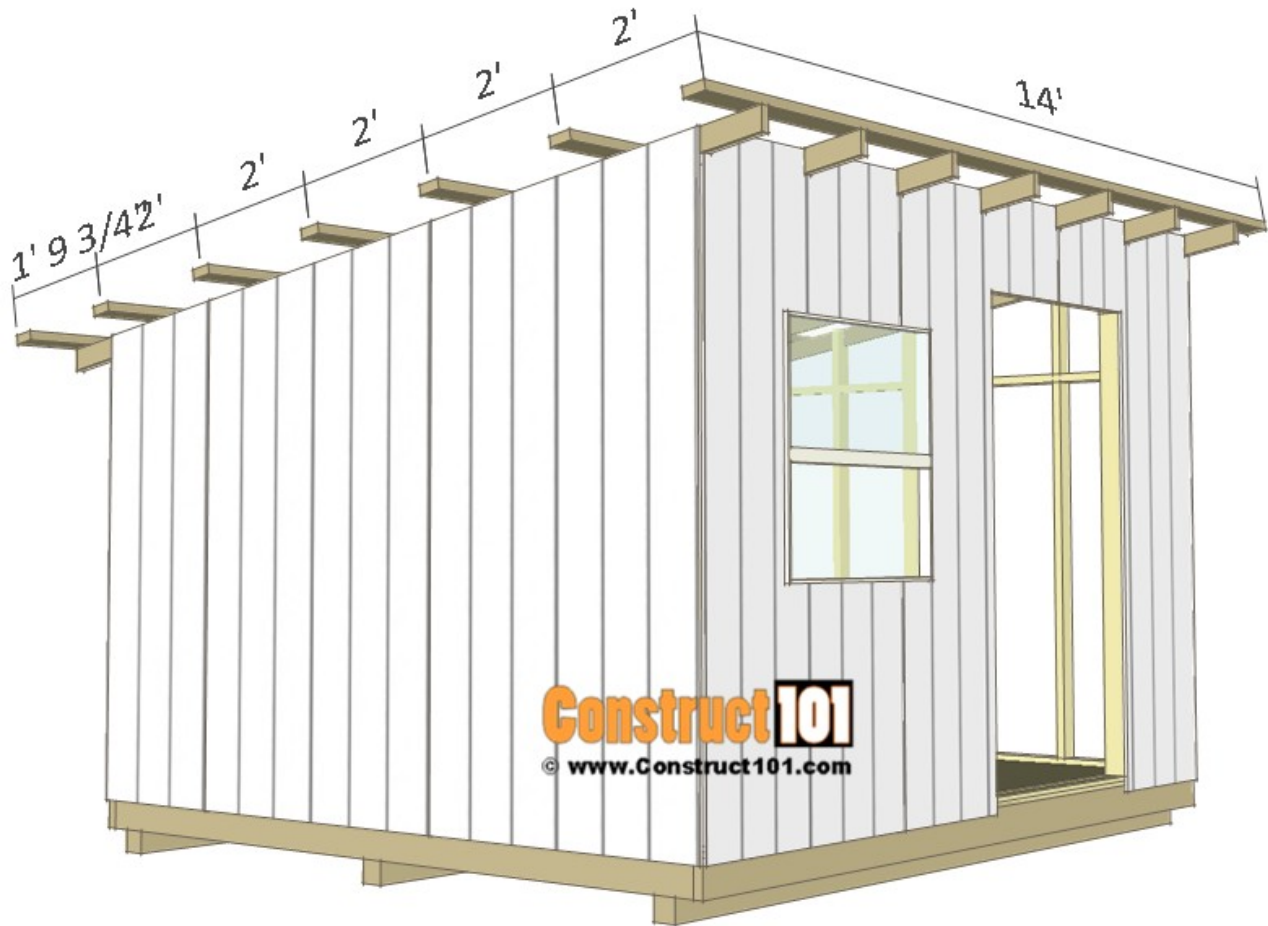
Siding



Measure and cut the t1-11 exterior siding to size, notch front and back siding around rafters. Install siding using 2" finishing nails.

Cut door and window opening, see PDF for door and window details.

Roof



Cut seven 2×4's to 14' long for the purlins. Install purlins as shown on illustration above using 3 1/2" nails.



Measure and cut 2×4 blocking and install between the purlins using 3 1/2" nails.



Install the metal corrugated roofing panels.

Door



Install door.

Trim



Measure and cut 1×4's to size for the corner and window trim. Install the 1×4 trim using 2" finishing nails.