

THE DIYCRAFT PLAN COLLECTION

10 × 12

Garden Shed Plan



FREE PREVIEW

11 selected steps + model views

10 X 12 FT GARDEN SHED

Free vs Premium

These illustrated build pages are identical in both editions. Premium includes the complete build sequence.



Compare what is included

Features	Free plan	Premium
Steps included	11	22
Illustrations for included steps	✓	✓
Print-ready dimension pages	✓	✓
Step-by-step instructions	✓	✓
Complete build sequence		✓
Material and fastener lists		✓
Cut and joint drawings	✓	✓
Tools list		✓
Lumber-size reference		✓
Technical support		✓

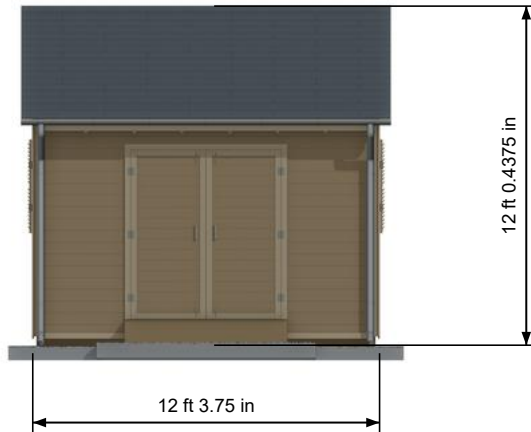
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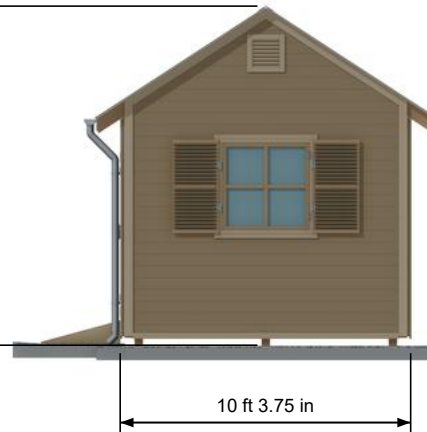
10 X 12 FT GARDEN SHED

Size & Dimensions

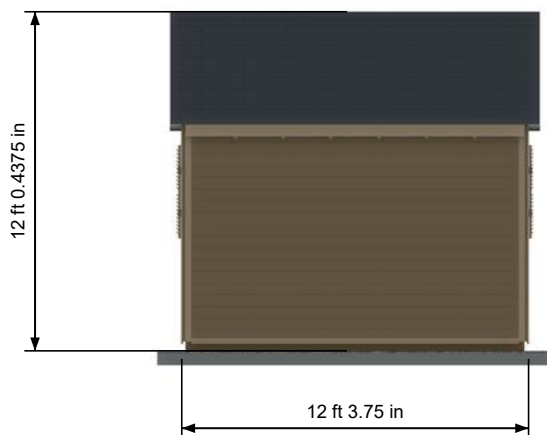
Front



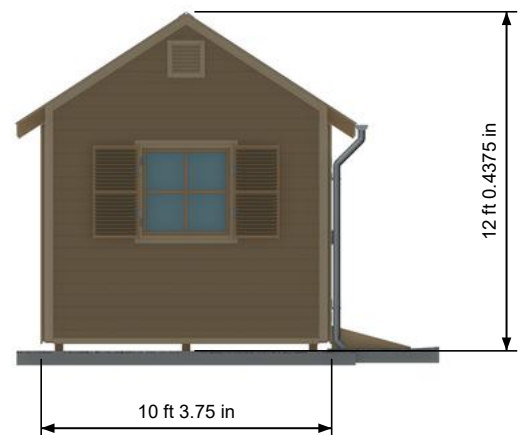
Right



Back



Left



MEASUREMENT BASIS

Width and depth are measured outside the finished siding and trim (147.74 in × 123.74 in). Height is measured from the main gravel bearing level to the highest roof surface (144.437 in). Roof overhang is excluded from wall width.

10 X 12 FT GARDEN SHED

Model View

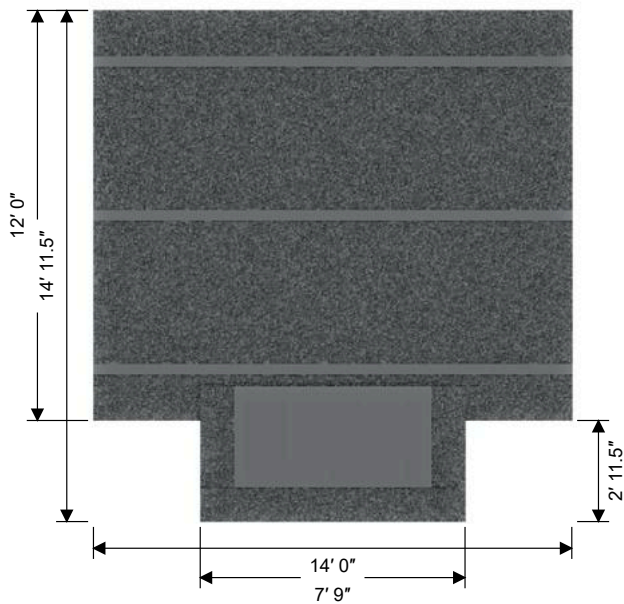


STEP 01 / 22

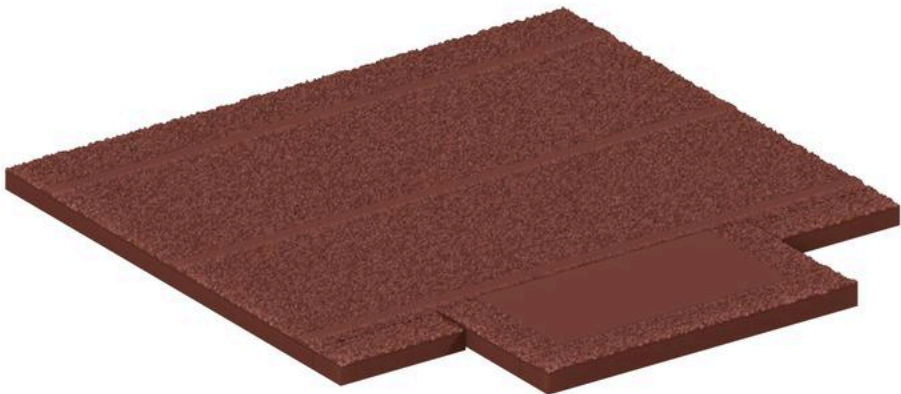
Compacted gravel pad

Compact the gravel pad and raised ramp approach to the footprint shown.

Gravel footprint



Assembly



Part / material	Cut / fitted size	Qty
Compacted gravel	6 in main pad; shaped ramp approach	3.54 yd3

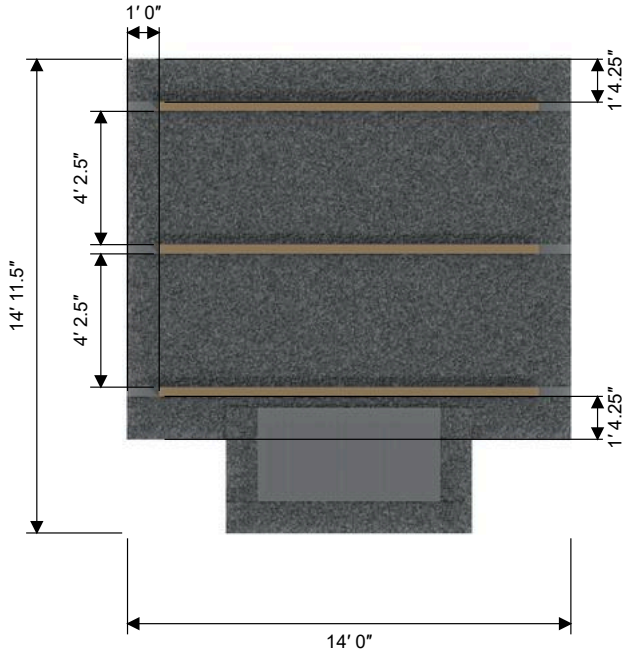
Keep all three skid bearing lines level; the ramp approach follows the local grade.

STEP 02 / 22

Treated skid foundation

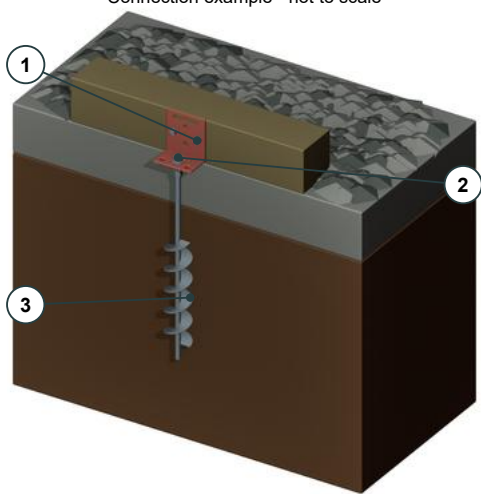
Level the three treated skids on the gravel, then fit the planned ground anchors.

Skid positions



Anchor the skid

Connection example - not to scale



1 Fix the upright to the structural skid.

2 Bolt the foot to the anchor head.

3 Embed the spiral in soil below gravel.

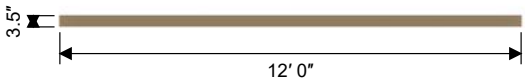
Use the kit's specified timber fixings.

Anchor count and depth: per site design.

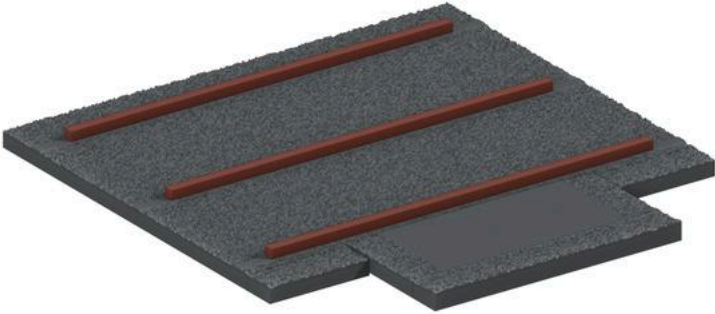
Hardware must suit treated timber.

[Full skid foundation guide](#)

Skid cut



Assembly



Part / material	Cut / fitted size	Qty
Ground-contact 4 x 4 skids	144 x 3.5 x 3.5 in	3
Ground anchors / L brackets	Site-rated kit; matching timber fixings	Per design

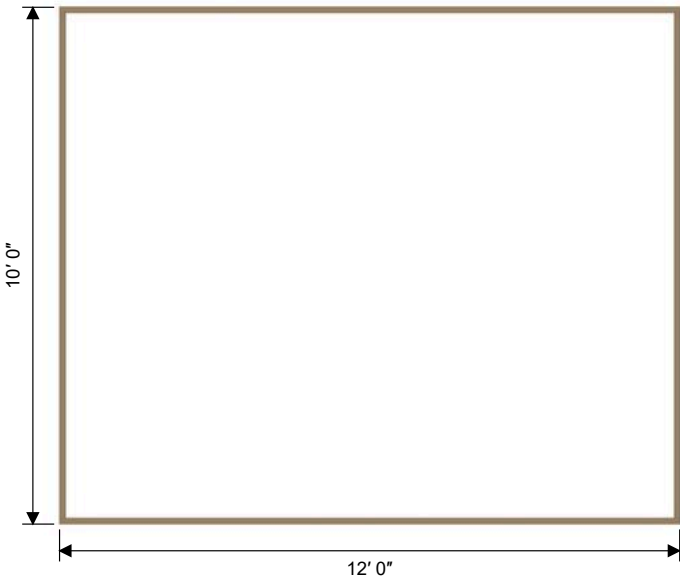
Locate buried services first. Fit anchors before floor framing; keep the skids fully supported.

STEP 03 / 22

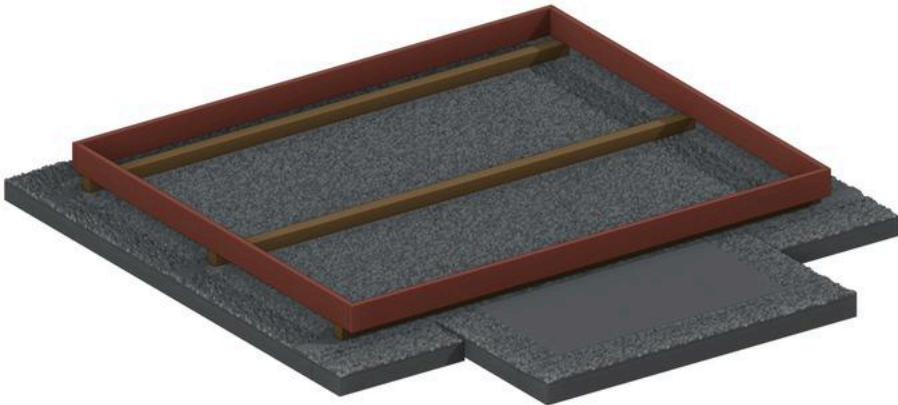
Floor perimeter

Assemble the floor perimeter and compare both diagonals before fixing the corners.

Perimeter plan



Assembly

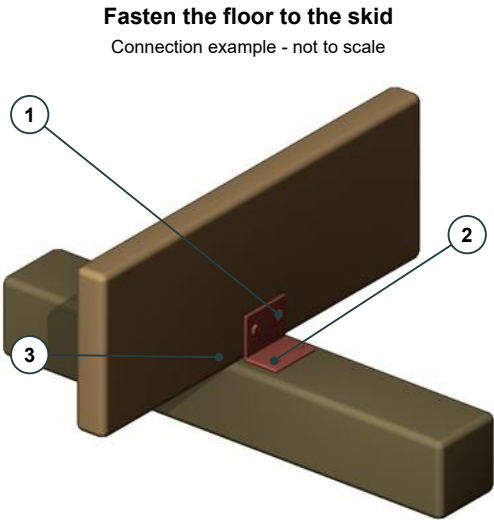
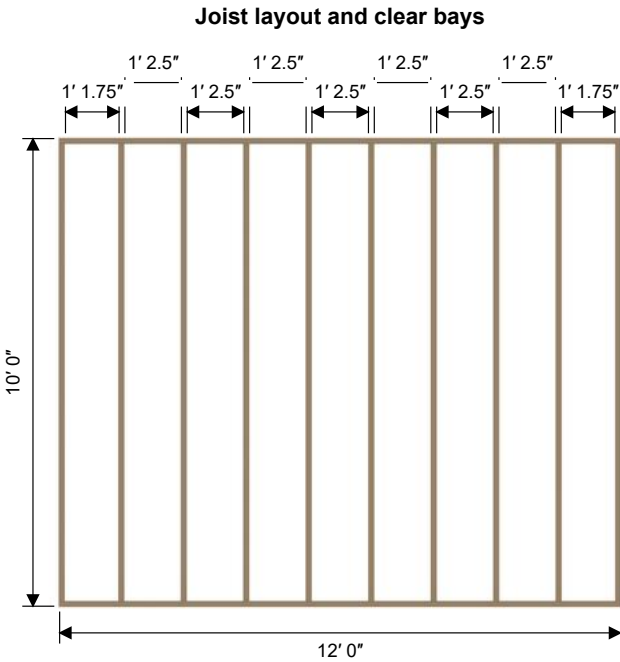


Part / material	Cut / fitted size	Qty
Long rims	144 x 7.25 x 1.5 in	2
End joists	117 x 7.25 x 1.5 in	2

STEP 04 / 22

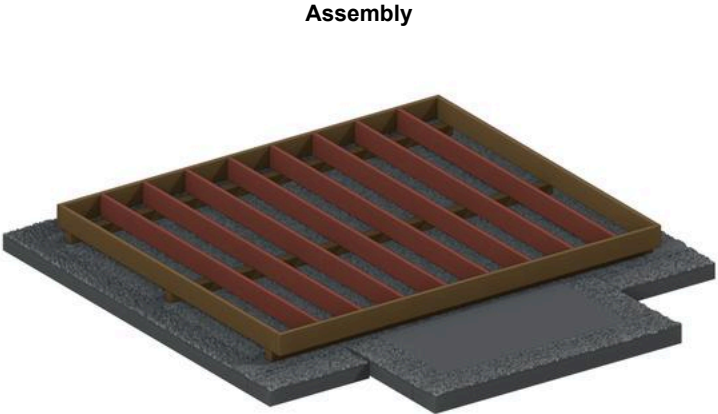
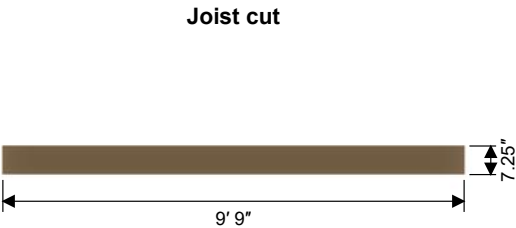
Floor joists

Set the joist spacing, square the floor, and connect the joists to the anchored skids.



- 1 Fix the upright into the joist side.
 - 2 Fix the base down into the skid.
 - 3 Keep the joist fully seated on the skid.
- Use a rated connector and its listed fasteners at each specified connection.

Hardware must suit treated timber.
[Full skid foundation guide](#)



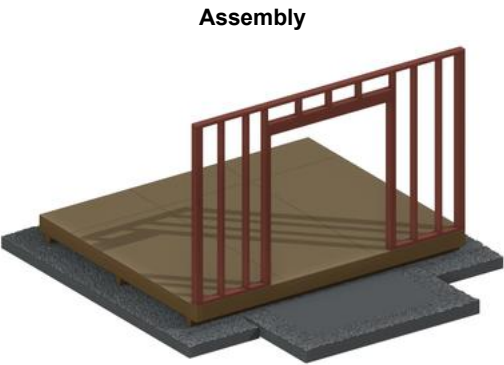
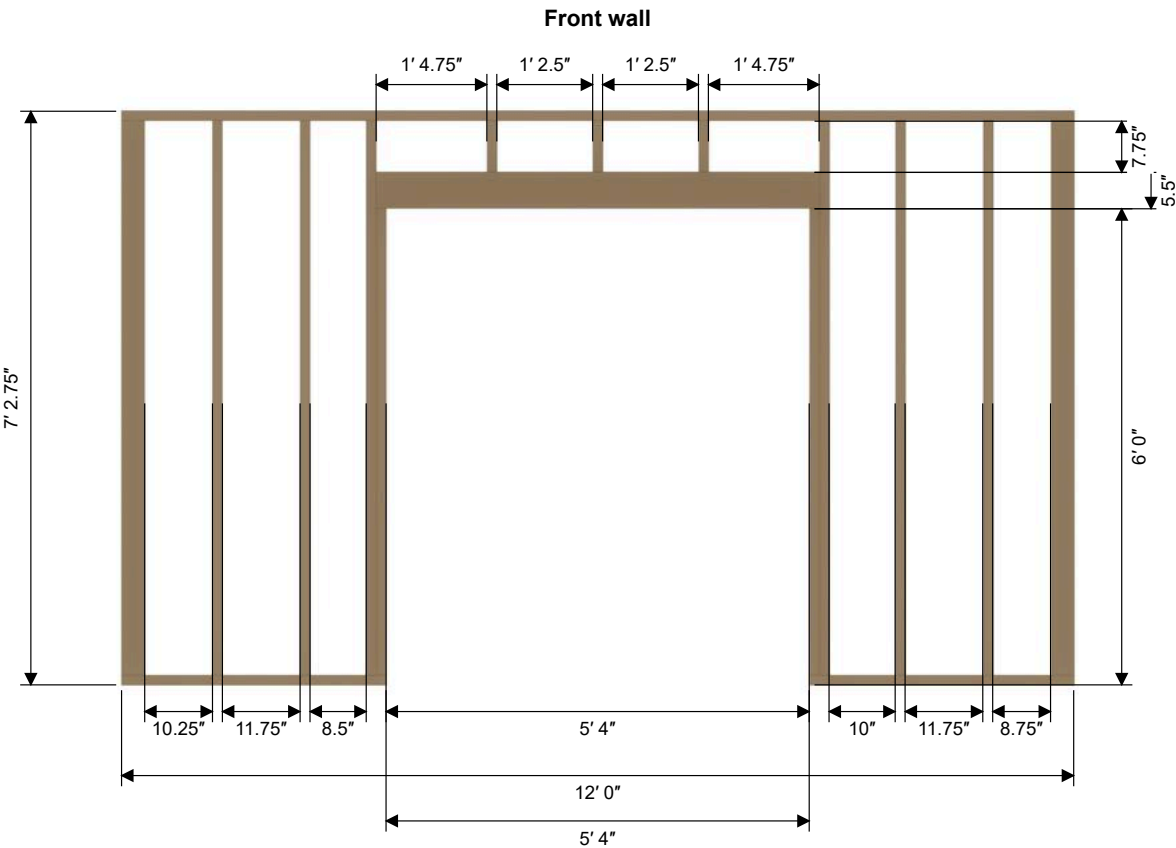
Part / material	Cut / fitted size	Qty
Interior joists	117 x 7.25 x 1.5 in	8
Joist-to-skid connectors	Rated connectors with listed fasteners	Per design

16 in centres; clear gaps 14.5 in, ends 13.75 in. Support sheet joints on joists; inspect fixings before decking.

STEP 06 / 22

Front wall framing

Assemble the front wall with its door header and short studs, then raise, plumb and brace it.



Part / material	Cut / fitted size	Qty
Wall framing	Actual sections and cut lengths in the drawing	19

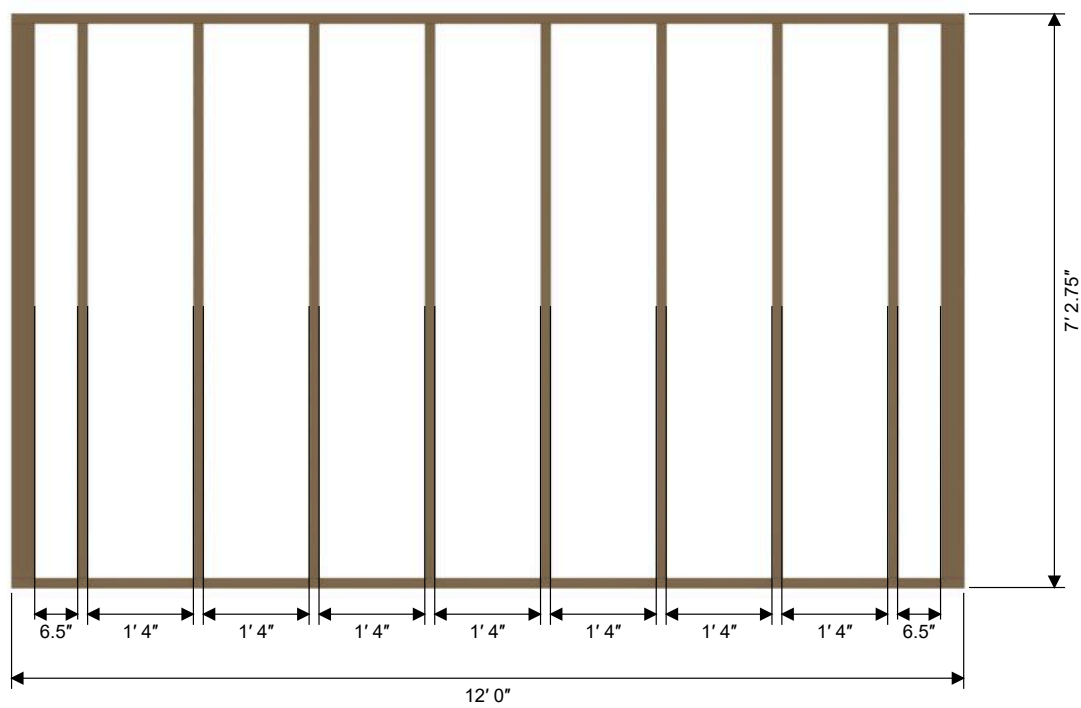
Fit three short studs above the door header. Retain the full-height king studs and the jack studs below the header.

STEP 07 / 22

Back wall framing

Assemble the rear wall square, then raise and brace it along the floor perimeter.

Rear wall



Assembly

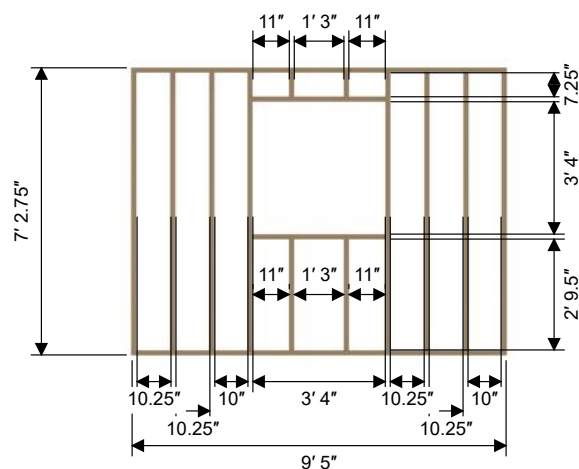
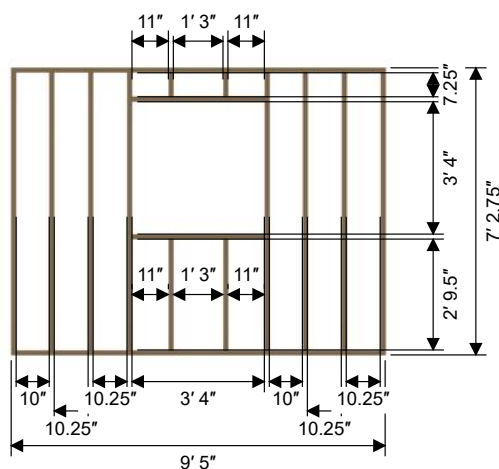


Part / material	Cut / fitted size	Qty
Wall framing	Actual sections and cut lengths in the drawing	12

Side wall framing

Assemble the side walls around the window openings, then raise and brace all four corners.

Right wall



Assembly



Part / material	Cut / fitted size	Qty
Wall framing	Actual sections and cut lengths in the drawing	32

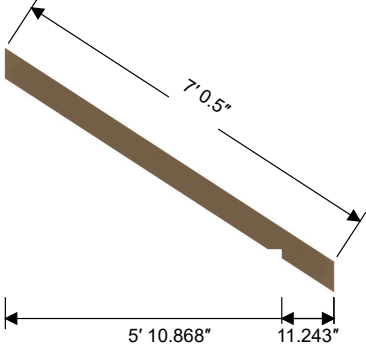
Use the short-stud lengths and clear bays above and below each window shown in the drawings.

STEP 10 / 22

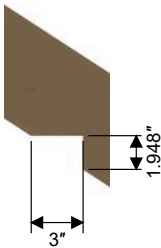
Rafters and collar ties

Seat the matching rafters, fit the collar ties, and block only the middle roof-sheet joints.

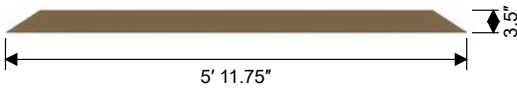
One rafter pattern - 16 mirrored pieces



Triangular birdsmouth



6 collar ties



Assembly



Part / material	Cut / fitted size	Qty
Rafters	84.5 x 5.5 x 1.5 in	16
Collar ties	71.75 x 3.5 x 1.5 in	6

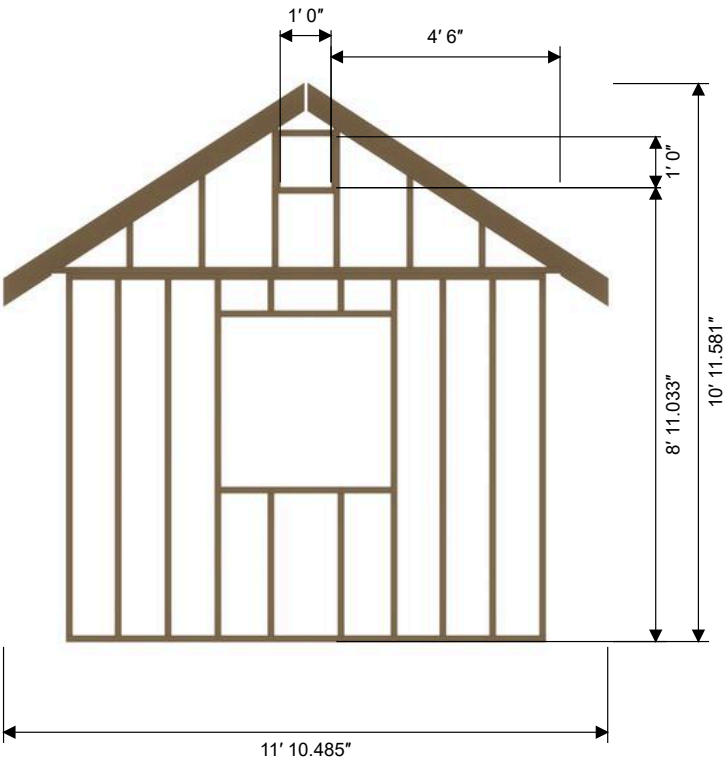
33-degree roof; rafters at 20.25/20.5 in centres. Middle-sheet seam blocks: 18.75 in (4), 19 in (2).

STEP 11 / 22

Gable framing and backing

Fit the gable studs, rafter-bay closures and backing around both raised vent openings.

Both gables - vent opening and placement



Assembly



Part / material	Cut / fitted size	Qty
Vent rough openings	12 x 12 in; two sides	2

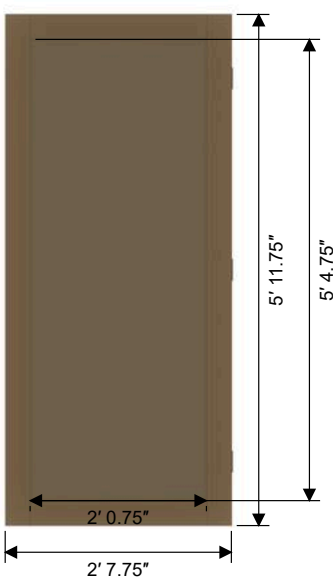
Opening bottoms are 107.033 in above the floor. Keep the opening and backing clear of collar ties.

STEP 17 / 22

Door frames and plywood

Assemble both door frames square and attach their plywood faces.

Door frames - mirror for the second leaf



Assembly



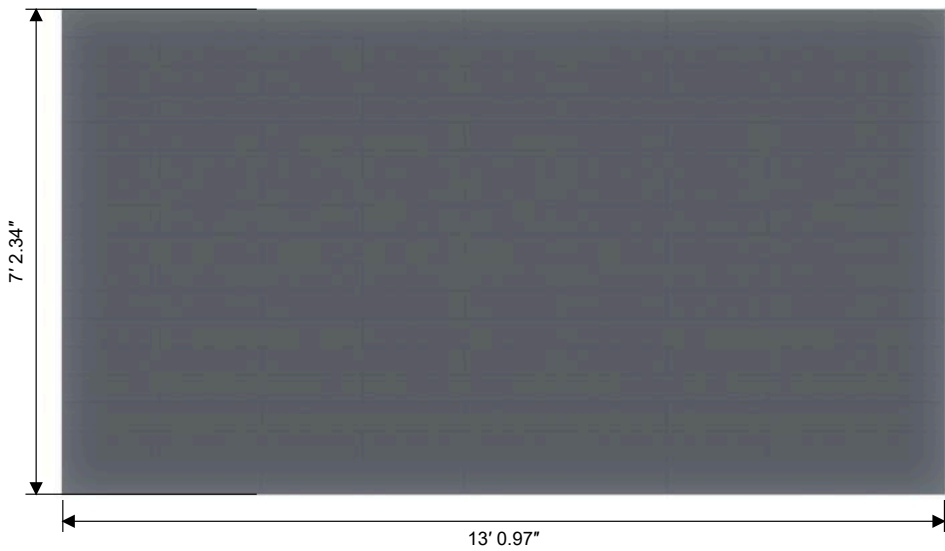
Part / material	Cut / fitted size	Qty
Door stiles / rails	71.75 / 24.75 x 3.5 x 1.5 in	4 / 4
Door plywood	71.75 x 31.75 x 0.5625 in	2

STEP 20 / 22

Shingles and ridge caps

Lay the shingles from the eaves up and finish the ridge with overlapping caps.

Finished shingles - both slopes



Assembly



Part / material	Cut / fitted size	Qty
Roof shingles	Net coverage before waste and laps	187 sq ft

Use the roofing product requirements for starters, exposure, fasteners and ridge laps.

10 X 12 FT GARDEN SHED

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