

THE DIYCRAFT PLAN COLLECTION

8 × 12

Garden Shed Plan



FREE PREVIEW

11 selected steps + model views

8 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	23
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		✓

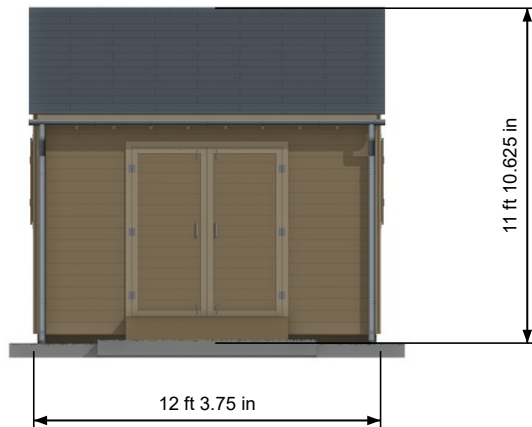
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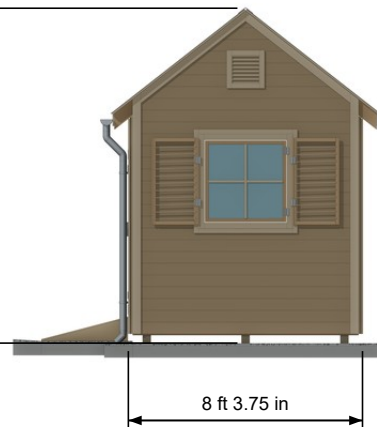
8 X 12 FT GARDEN SHED

Size & Dimensions

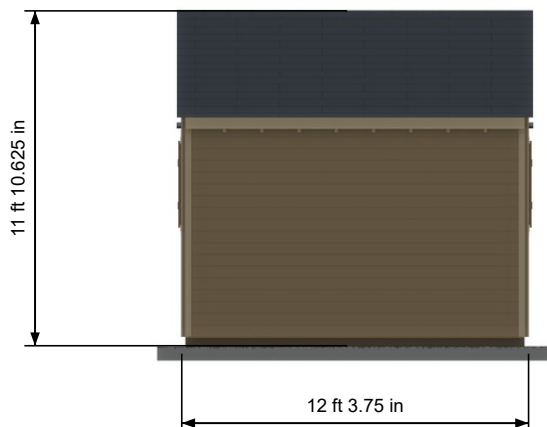
Front



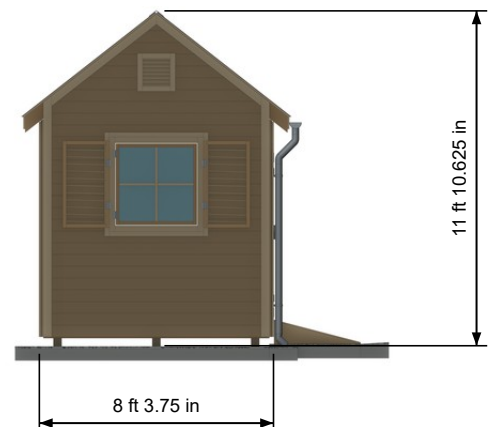
Right



Back



Left



MEASUREMENT BASIS

Width and depth are measured outside the finished siding and trim (147.74 in × 99.74 in). Height is measured from the main gravel bearing level to the highest roof surface (142.641 in). Roof overhang is excluded from wall width.

8 X 12 FT GARDEN SHED

Model View

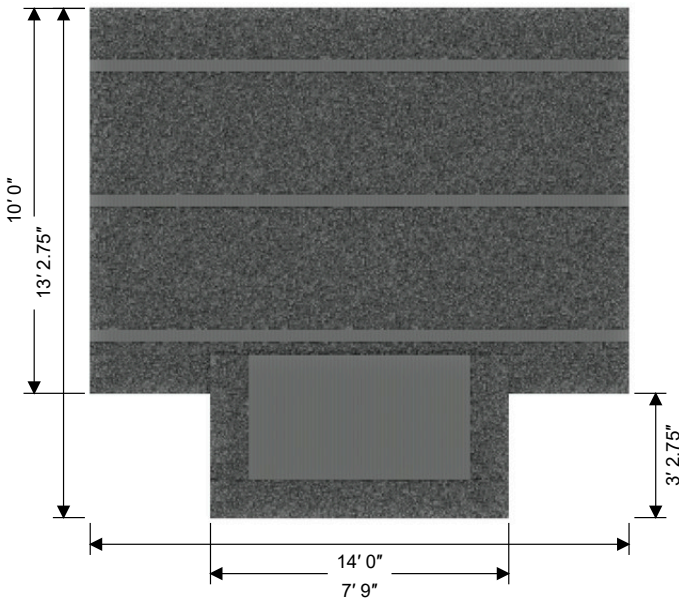


STEP 01 / 23

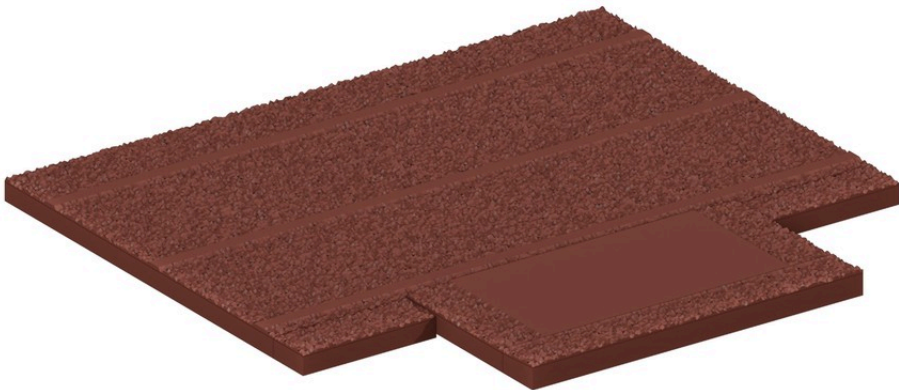
Compacted gravel pad

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	3.07 yd3

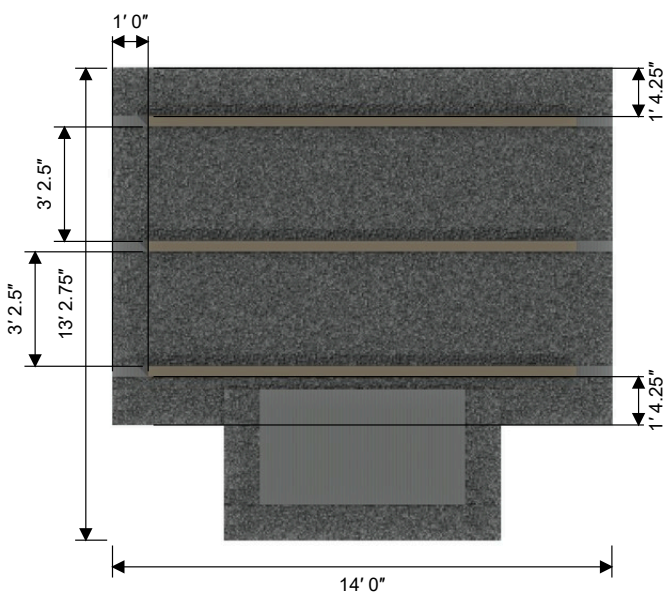
Keep all three skid bearing lines level and compact the ramp apron to its shown bearing height.

STEP 02 / 23

Treated skid foundation

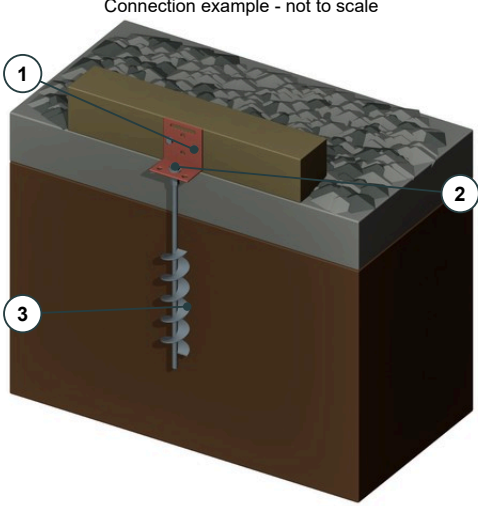
Lay the three treated skids on continuous gravel bearing and level them together.

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.

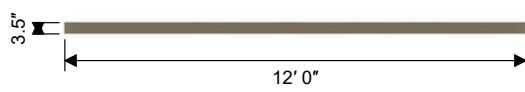
Use the kit's specified timber fixings.

Anchor count and depth: per site design.

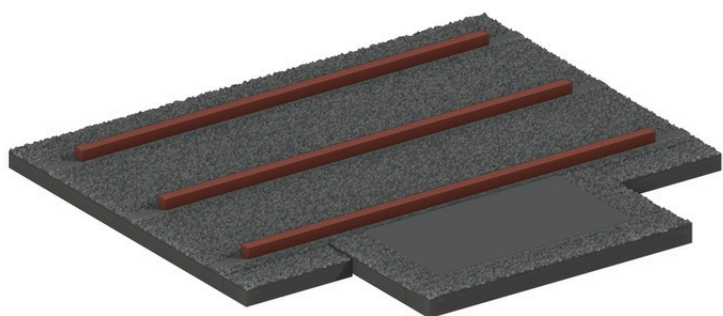
Hardware must suit treated timber.

[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 / skid brackets	Rated kit; site-designed layout	As specified

Use rated anchors and the listed fixings; layout and embedment depend on the site.

STEP 03 / 23

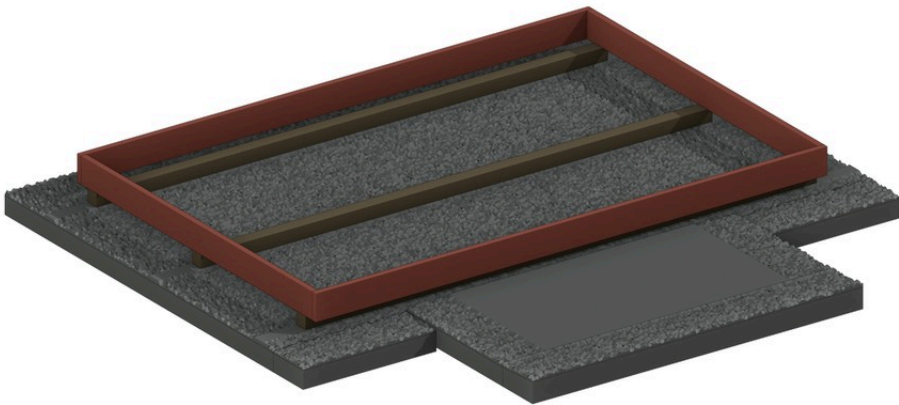
Floor perimeter

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

Perimeter plan



Assembly

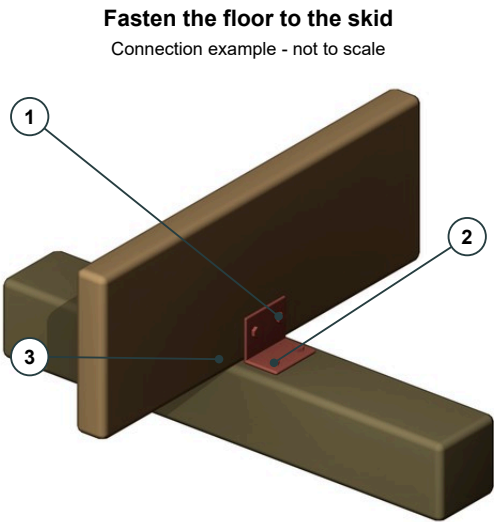
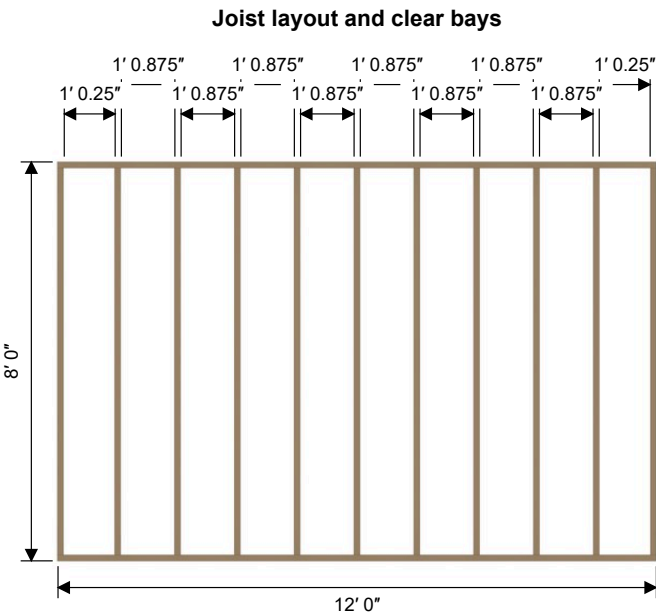


Part / material	Cut / fitted size	Qty
Long rims	144 x 7.25 x 1.5 in	2
End joists	93 x 7.25 x 1.5 in	2

STEP 04 / 23

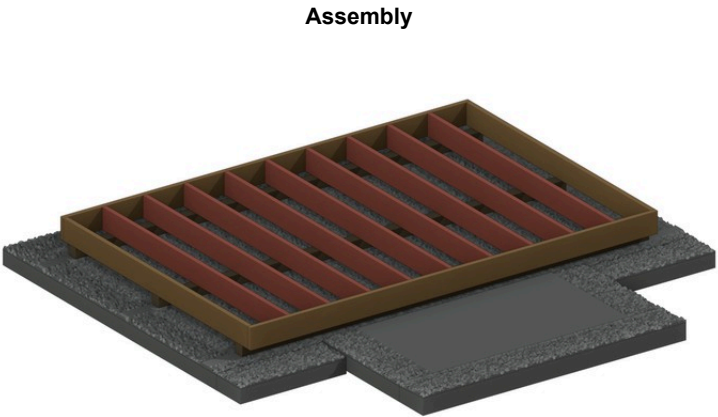
Floor joists

Install the interior floor joists at the clear spacings shown.



- 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	93 x 7.25 x 1.5 in	9
Joist-to-skid connectors	Rated connector and listed fasteners	As specified

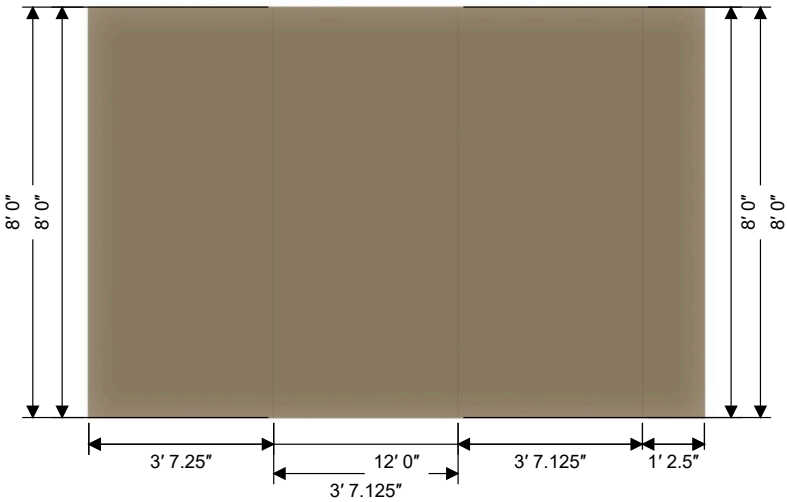
Use rated connectors and listed fasteners; keep full bearing at each crossing.

STEP 05 / 23

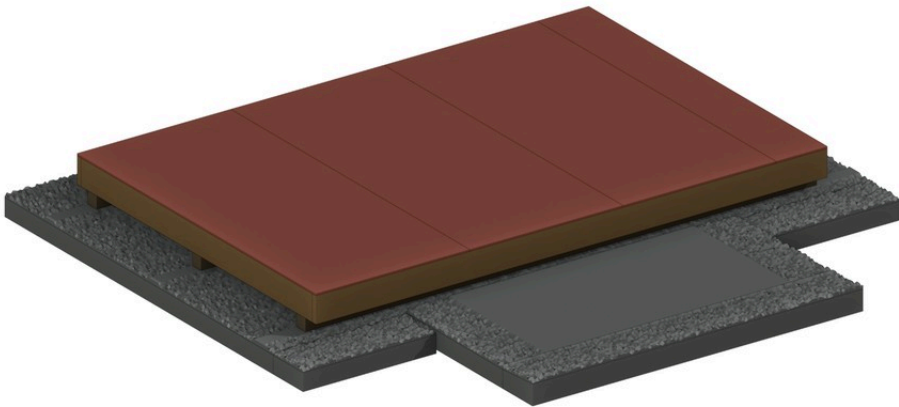
Floor plywood

Dry-fit the plywood panels with their joints supported, then fasten the floor deck.

Floor plywood panel cuts



Assembly



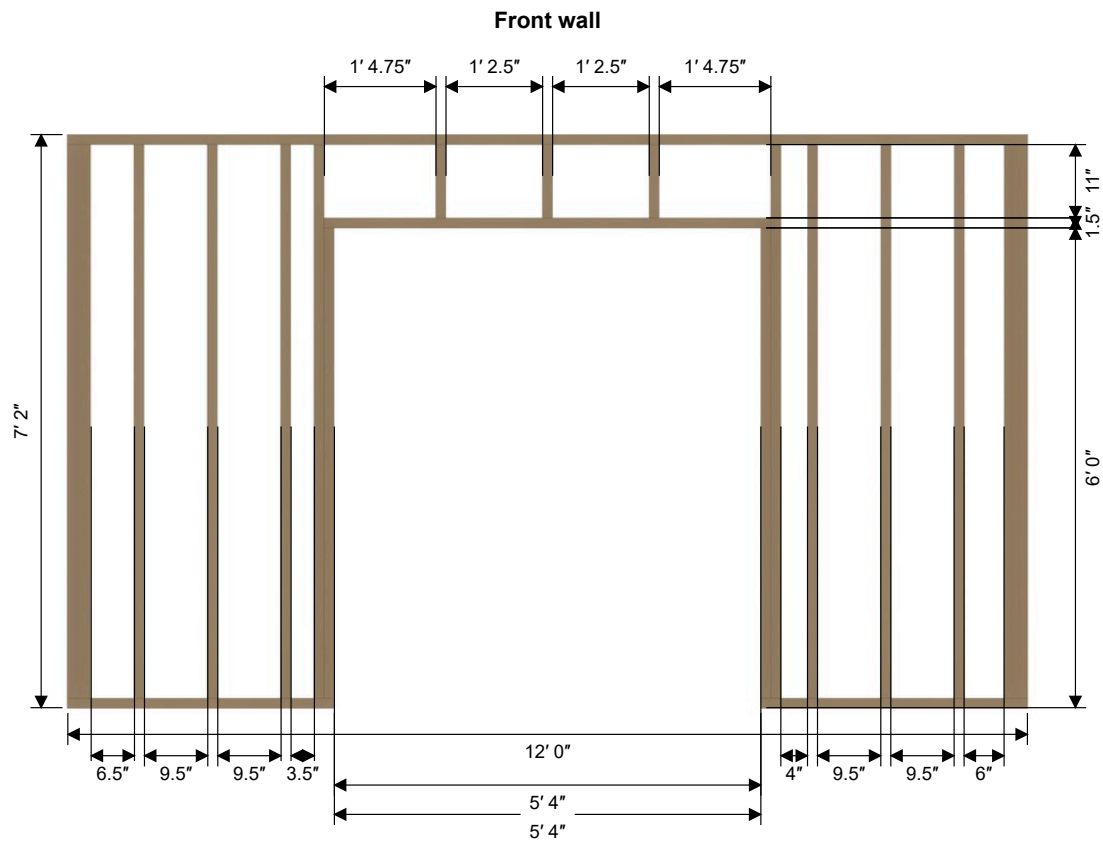
Part / material	Cut / fitted size	Qty
Floor plywood, 9/16 in	96 x 14.5 x 0.562 in	1
Floor plywood, 9/16 in	96 x 43.125 x 0.562 in	2
Floor plywood, 9/16 in	96 x 43.25 x 0.562 in	1

Four fitted pieces from 4 x 8 ft sheets; every panel joint is centered on a floor joist.

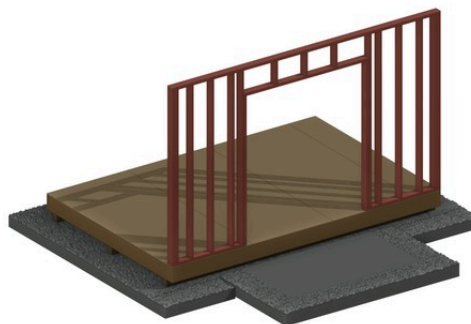
STEP 06 / 23

Front wall framing

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



Assembly



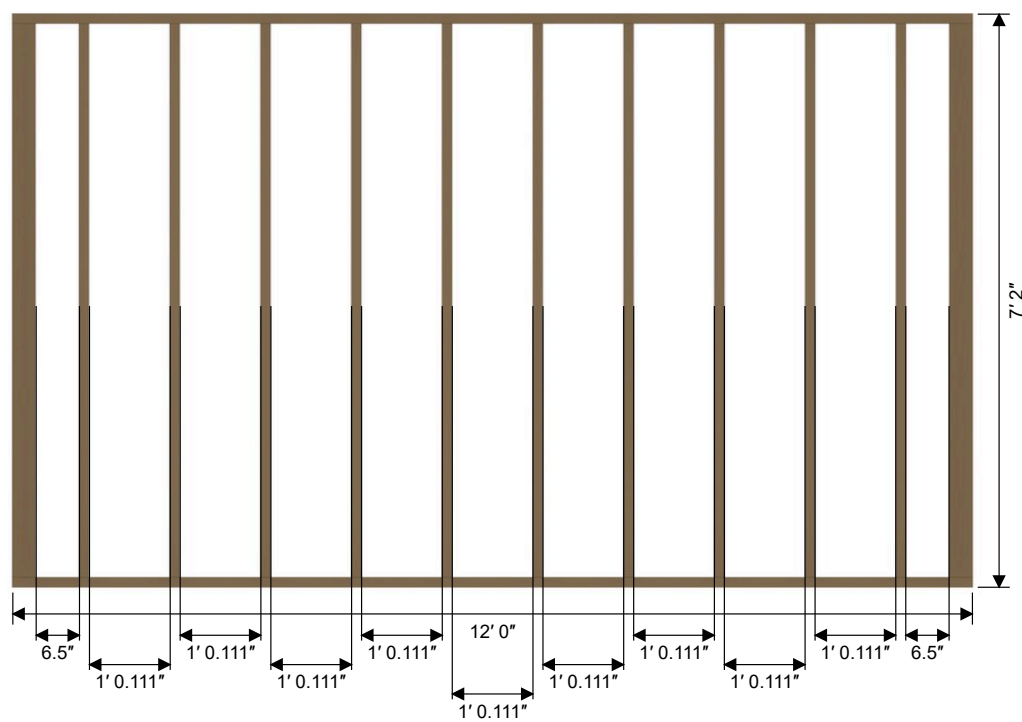
Part / material	Cut / fitted size	Qty
Wall framing	Actual sections and cut lengths in the drawing	19

STEP 07 / 23

Back wall framing

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

Rear wall



Assembly

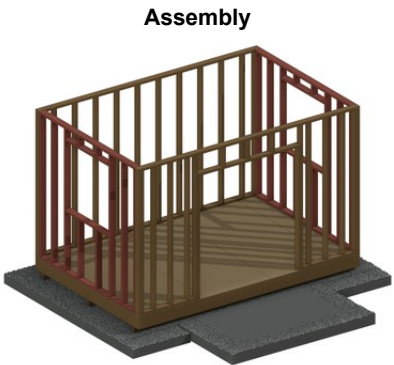
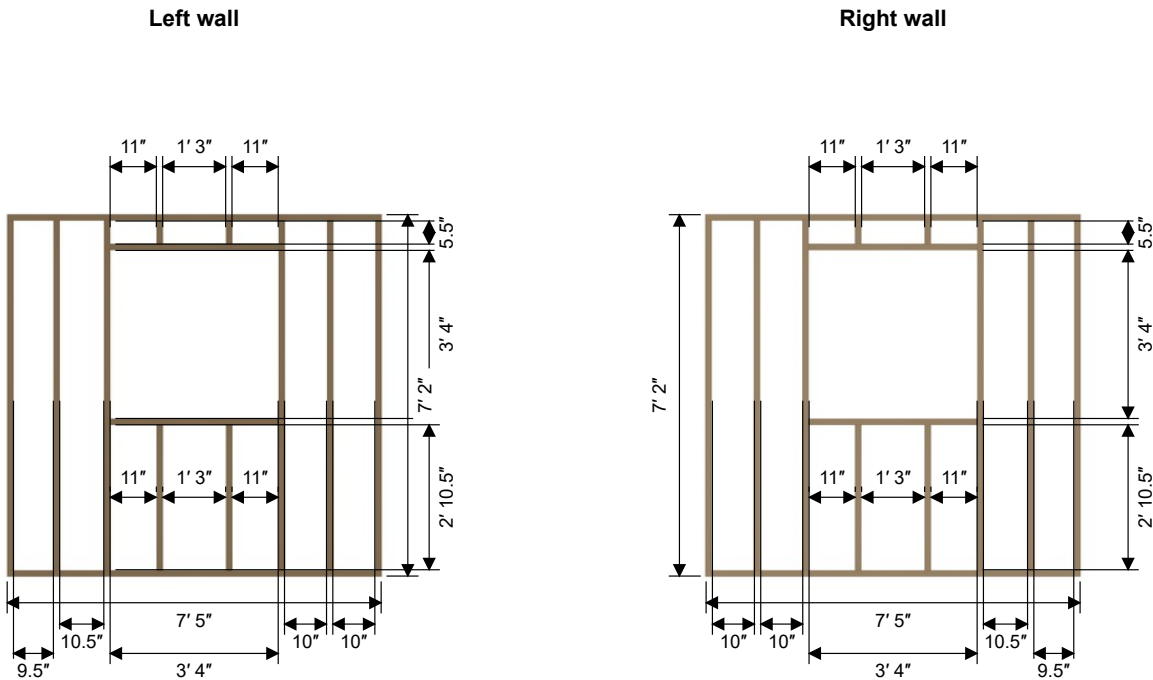


Part / material	Cut / fitted size	Qty
Wall framing	Actual sections and cut lengths in the drawing	14

STEP 08 / 23

Side wall framing

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



Part / material	Cut / fitted size	Qty
Wall framing	Actual sections and cut lengths in the drawing	28

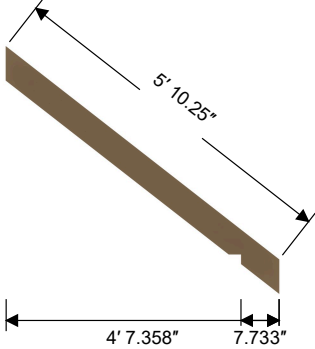
Use the short-stud lengths and clear bays above and below each window shown in the drawings.

STEP 10 / 23

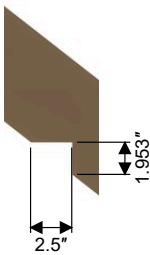
Rafters and collar ties

Cut the matching rafters, seat them on the top plates and install the collar ties.

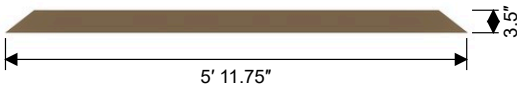
One rafter pattern - 20 mirrored pieces



Triangular birdsmouth



8 collar ties



Assembly



Part / material	Cut / fitted size	Qty
Matching rafters	70.25 in finished top; at least 74.5625 in blank plus kerf	20
Collar ties	71.75 x 3.5 x 1.5 in	8

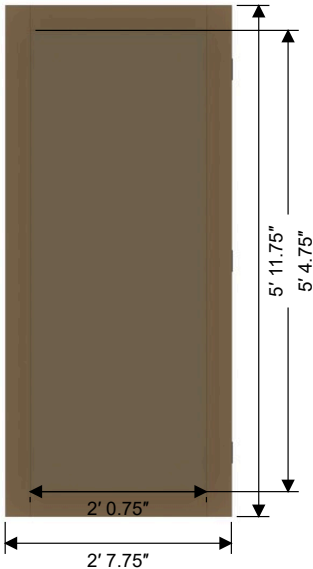
One mirrored triangular birdsmouth; roof pitch 38 degrees. Set out ten equal rafter-pair stations.

STEP 18 / 23

Door frames and plywood

Assemble both door frames square and attach their plywood faces.

Door frames - mirror for the second leaf



Assembly



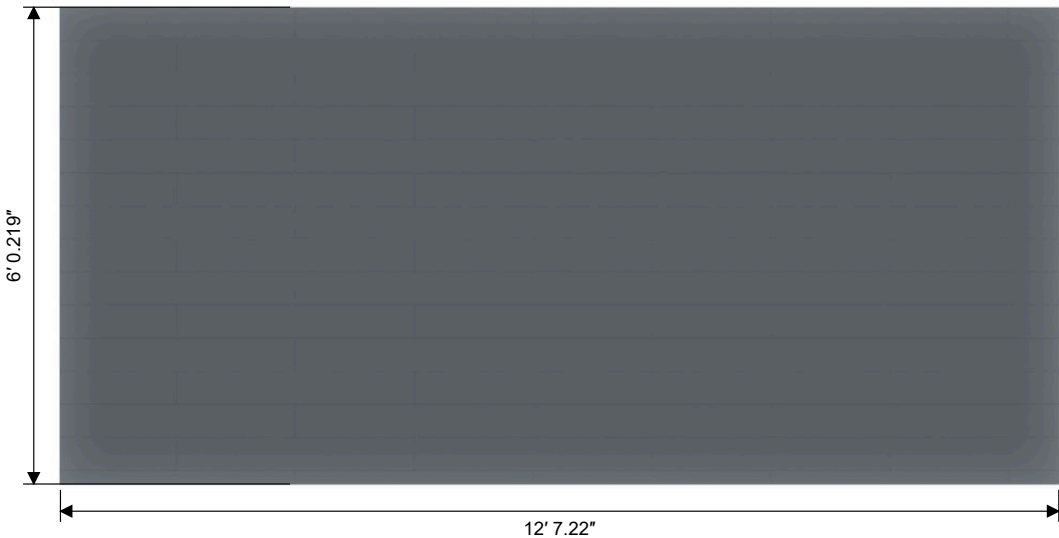
Part / material	Cut / fitted size	Qty
Door stiles / rails	71.75 / 24.75 x 3.5 x 1.5 in	4 / 4
Door plywood	71.75 x 31.75 x 0.5625 in	2

STEP 21 / 23

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	151 sq ft

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

8 X 12 FT GARDEN SHED

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