

THE DIYCRAFT PLAN COLLECTION

10 × 16

Garden Shed Plan



FREE PREVIEW

11 selected steps + model views

10 X 16 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

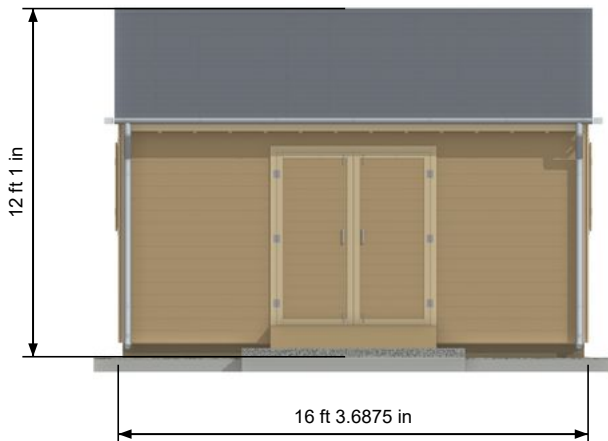
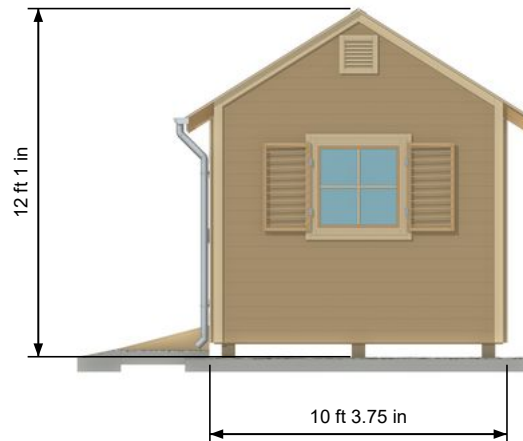
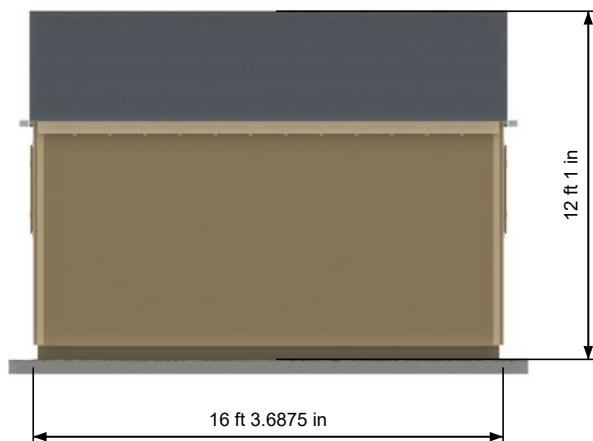
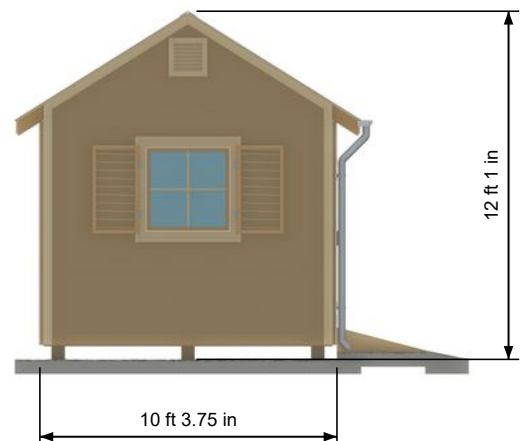
Features	Free plan	Premium
Steps included	11	24
Illustrations for included steps	✓	✓
Print-ready dimension pages	✓	✓
Step-by-step instructions	✓	✓
Complete build sequence		✓
Material and fastener lists		✓
Cut and joint drawings	✓	✓
Tools list		✓
Lumber-size reference		✓
Technical support		✓

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10 X 16 FT GARDEN SHED

Size & Dimensions

Front

Right

Back

Left

MEASUREMENT BASIS

Width and depth are measured outside the finished siding and trim (195.7 in × 123.74 in). Height is measured from top of compacted main gravel pad to the highest roof surface (144.997 in). Roof overhang is excluded from wall width.

10 X 16 FT GARDEN SHED

Model View

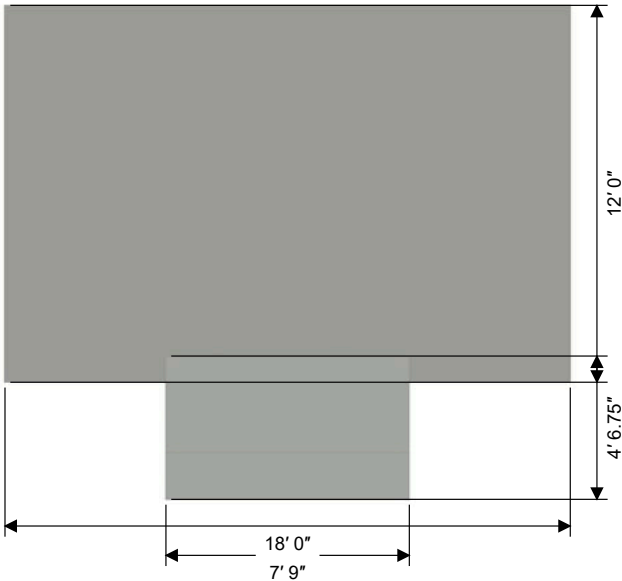


STEP 01 / 24

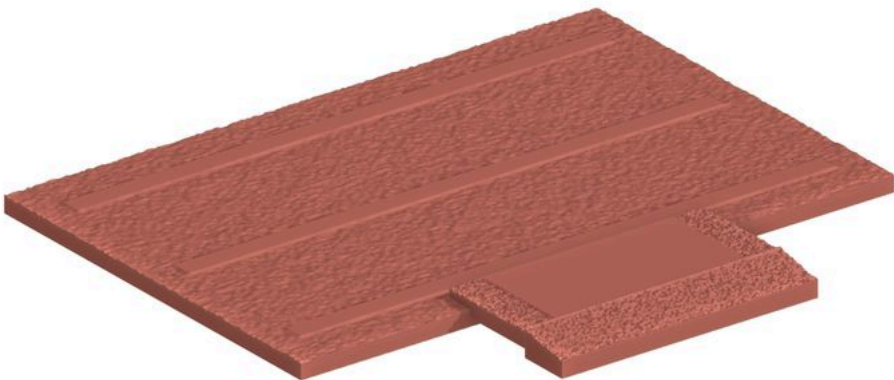
Compacted gravel pad

Excavate, level and compact the six-inch gravel pad to the footprint shown.

Compacted gravel footprint



Assembly



Part / material	Cut / fitted size	Qty
Compacted gravel	216 x 144 x 6 in main pad	4 yd3 net

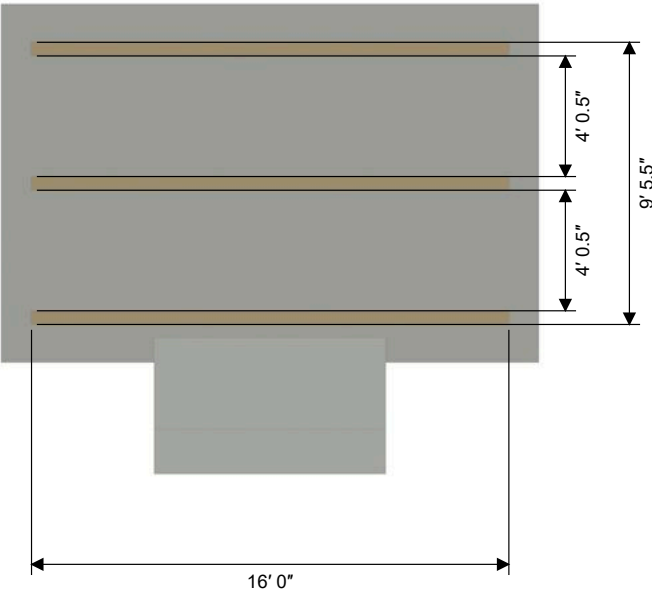
Keep the main pad level. Ramp apron top: 2.995 in above main pad; the 18 in approach rises from main grade to the ramp toe at 3.745 in.

STEP 02 / 24

Treated timber skids

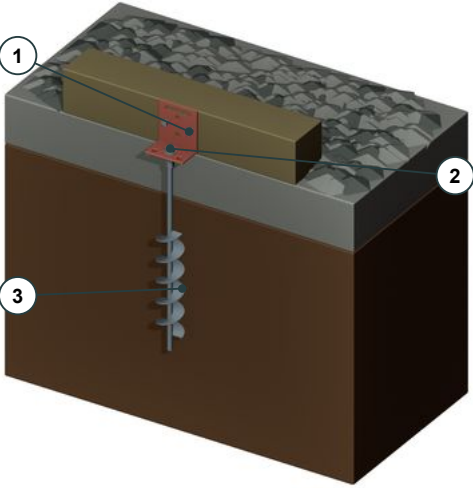
Set three treated skids on continuous gravel bearing, then install the specified ground anchors.

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.

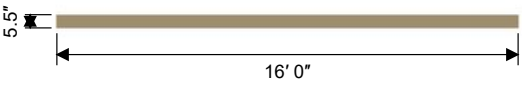
Use the kit's specified timber fixings.

Anchor count and depth: per site design.

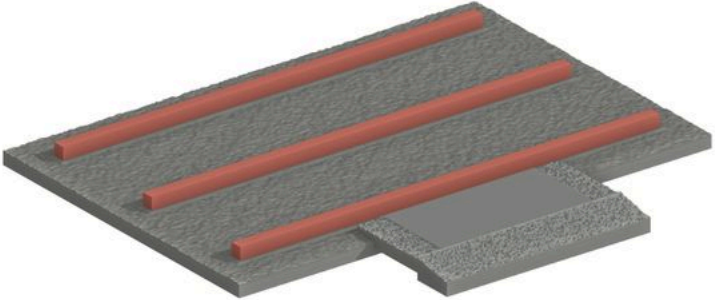
Hardware must suit treated timber.

[Full skid foundation guide](#)

Skid cut



Assembly



Part / material	Cut / fitted size	Qty
Ground-contact 6 x 6 skids	192 x 5.5 x 5.5 in	3
Anchors / skid brackets	Rated kit and listed fasteners	Per site design

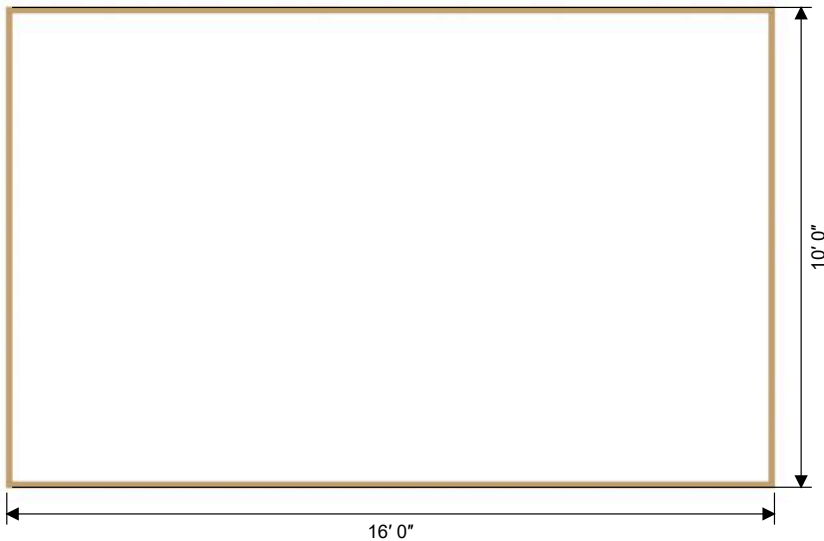
Skid centres: 6, 60 and 114 in from the floor edge. Anchor spacing, depth and capacity depend on soil and site loads.

STEP 03 / 24

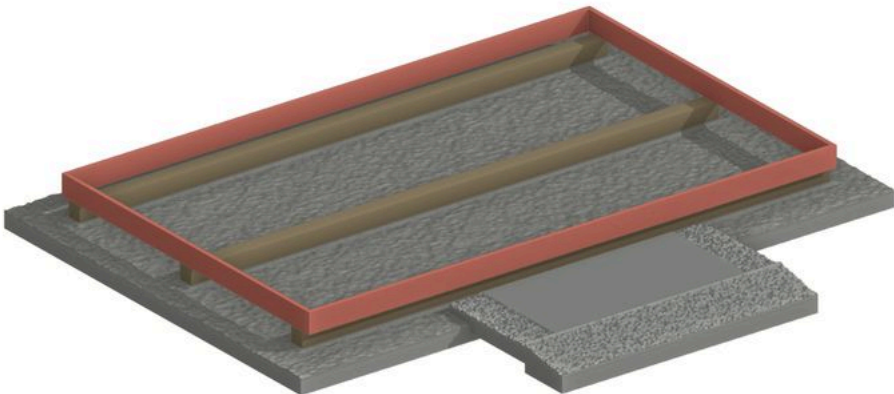
Floor perimeter

Assemble the two long rims and two end joists, then compare both diagonals.

Square the floor perimeter



Assembly



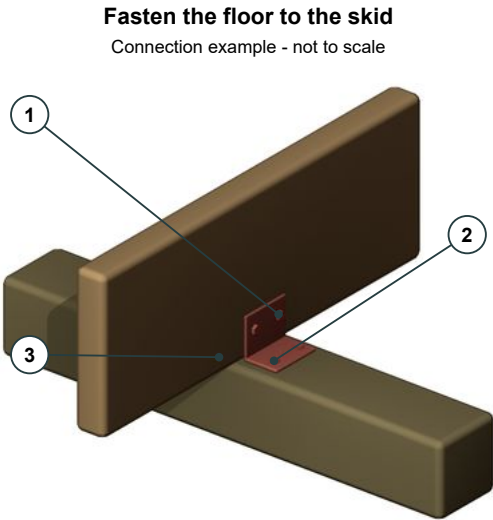
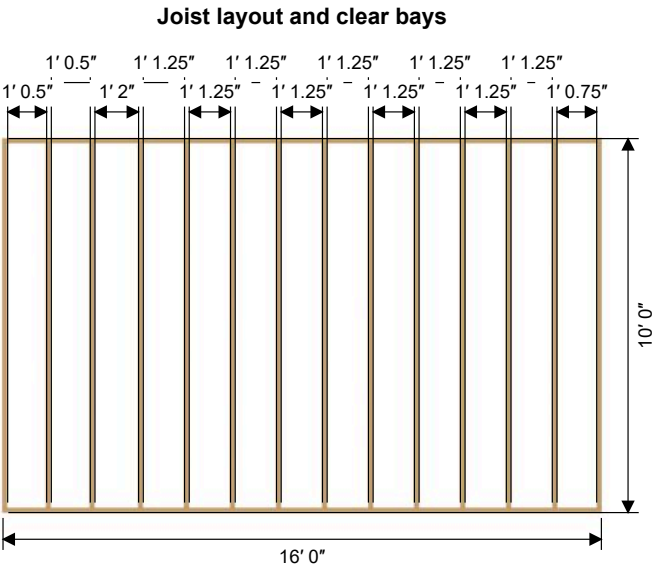
Part / material	Cut / fitted size	Qty
Rims	192 x 7.25 x 1.5 in	2
End joists	117 x 7.25 x 1.5 in	2

Square and level the frame before fixing it to the skids.

STEP 04 / 24

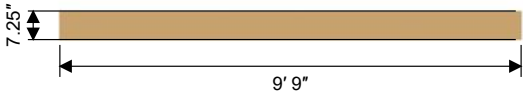
Floor joists

Set the joists, then secure the floor frame to the skids.

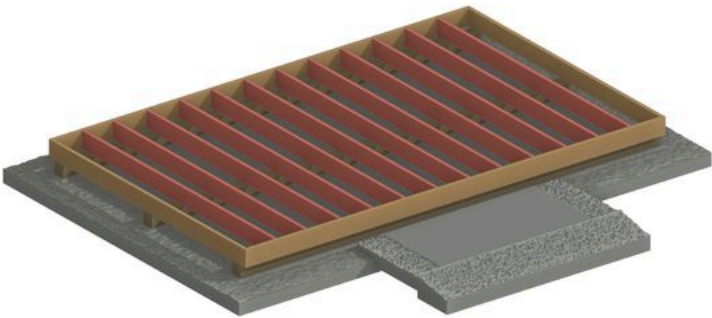


- 1 Fix the upright into the joist side.
 - 2 Fix the base down into the skid.
 - 3 Keep the joist fully seated on the skid.
- Use a rated connector and its listed fasteners at each specified connection.
- Hardware must suit treated timber.
- [Full skid foundation guide](#)

Joist cut



Assembly



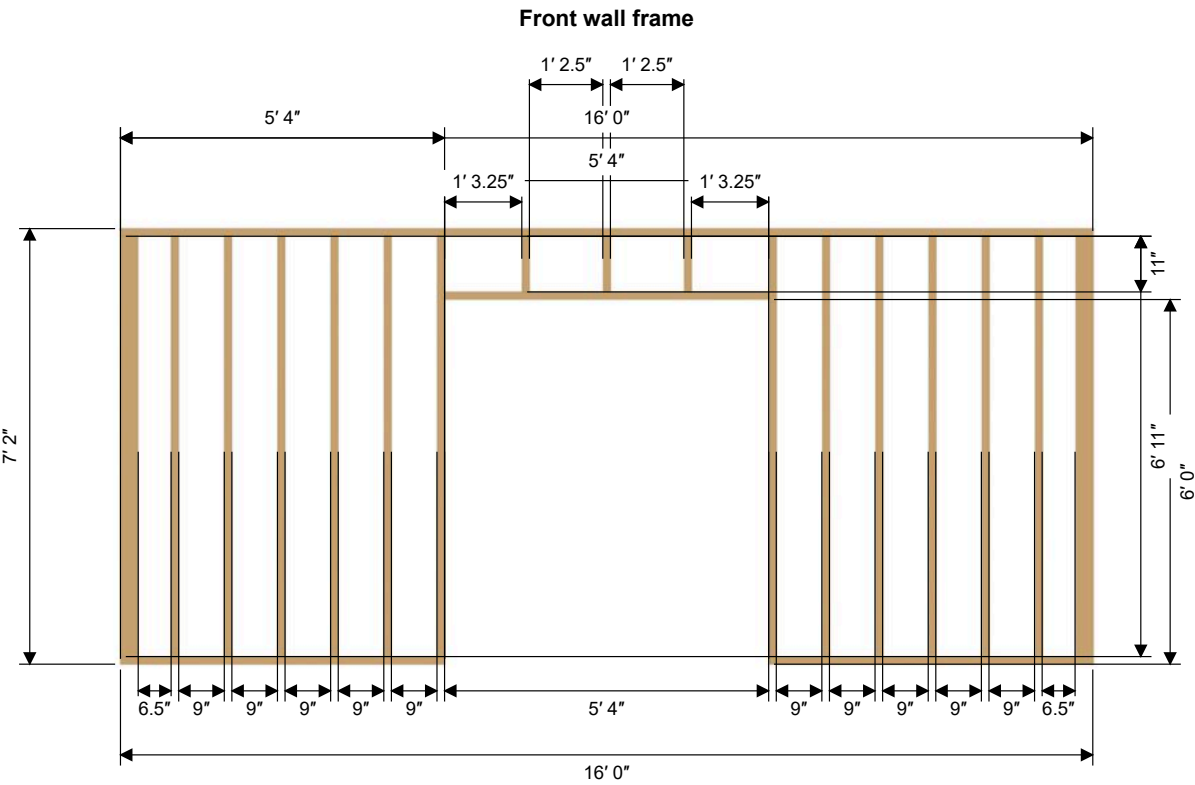
Part / material	Cut / fitted size	Qty
Interior joists	117 x 7.25 x 1.5 in	12
Joist-to-skid connectors	Rated connectors and listed fasteners	Per design

Keep the frame square and level; use the clear joist bays shown.

STEP 06 / 24

Front wall framing

Assemble the front wall around the doorway, then raise, plumb and temporarily brace it.



Assembly



Part / material	Cut / fitted size	Qty
Wall framing	Actual member cuts and clear bays shown	21

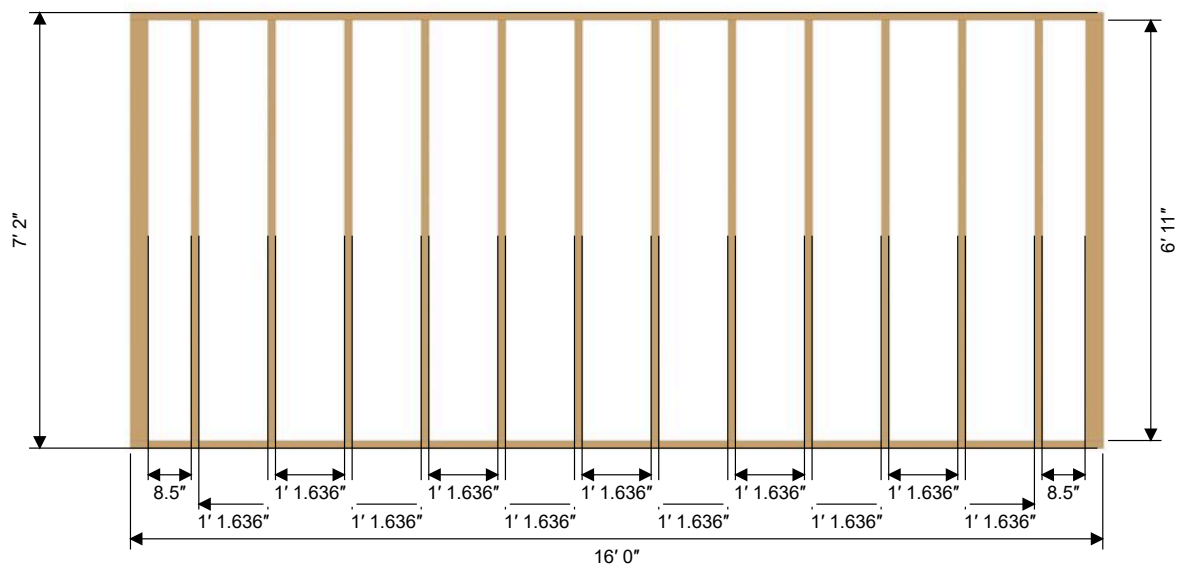
The source flat header lacks end bearing. Have its capacity, end connections and wall bracing resolved for the site before construction.

STEP 07 / 24

Rear wall framing

Assemble the rear wall square, raise it and temporarily brace it to the floor.

Rear wall frame



Assembly



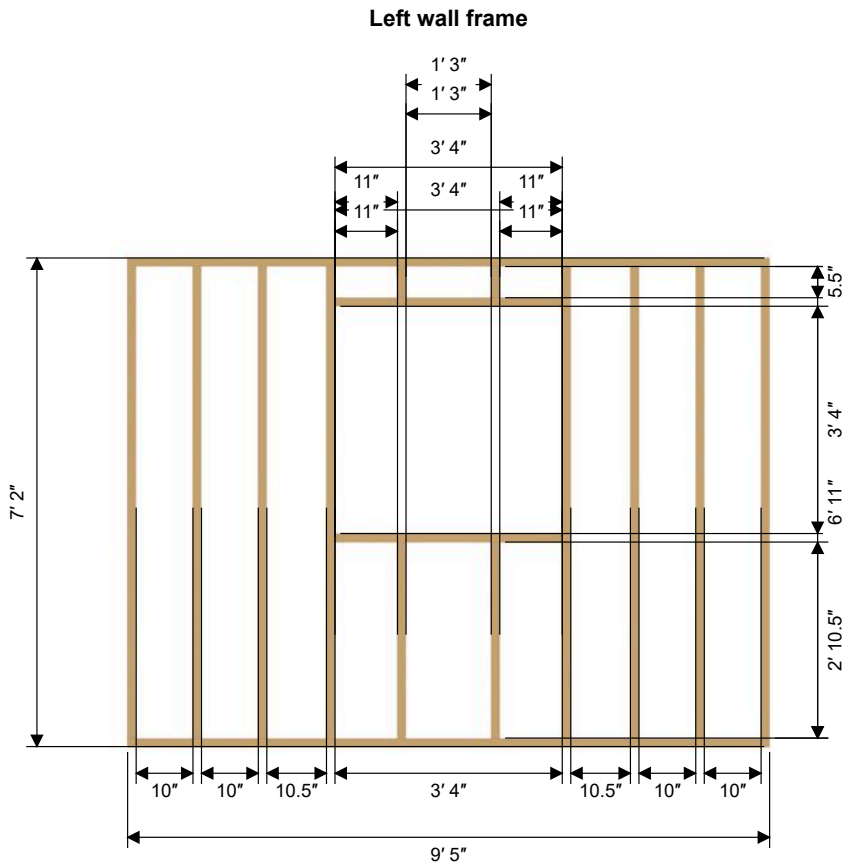
Part / material	Cut / fitted size	Qty
Wall framing	Actual cuts and clear stud bays shown	16

Check the wall diagonals and keep the top plate level.

STEP 08 / 24

Side wall framing

Assemble both matching side walls and brace all four wall corners.



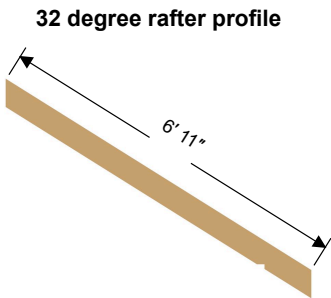
Part / material	Cut / fitted size	Qty
Side-wall framing	Actual cuts and clear bays shown	32

Keep the window openings square and check short studs above and below each opening.

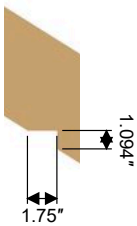
STEP 10 / 24

Rafters and collar ties

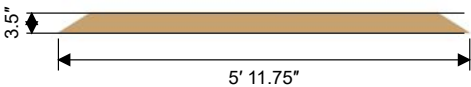
Cut one trial rafter, check its bearing, then mirror the pattern for fourteen roof pairs.



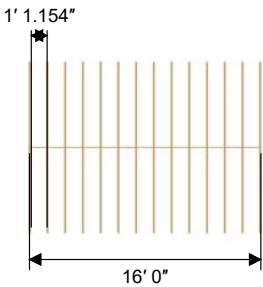
Seat and heel



Twelve collar ties



14 pairs - 13 equal clear bays



Assembly



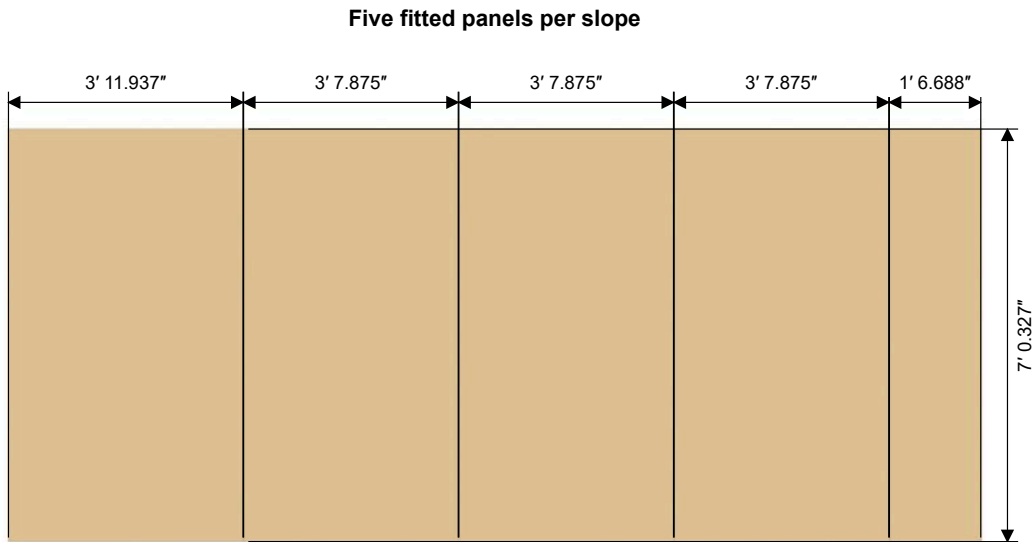
Part / material	Cut / fitted size	Qty
2 x 6 rafters	83 in top edge; 32 degree pitch	28
2 x 4 collar ties	71.75 x 3.5 x 1.5 in	12

Seat and heel dimensions come from this model. Verify the roof joints, restraint and timber sections for the site loads.

STEP 14 / 24

Roof plywood

Fit five panels on each roof slope with every joint supported by framing.



Assembly



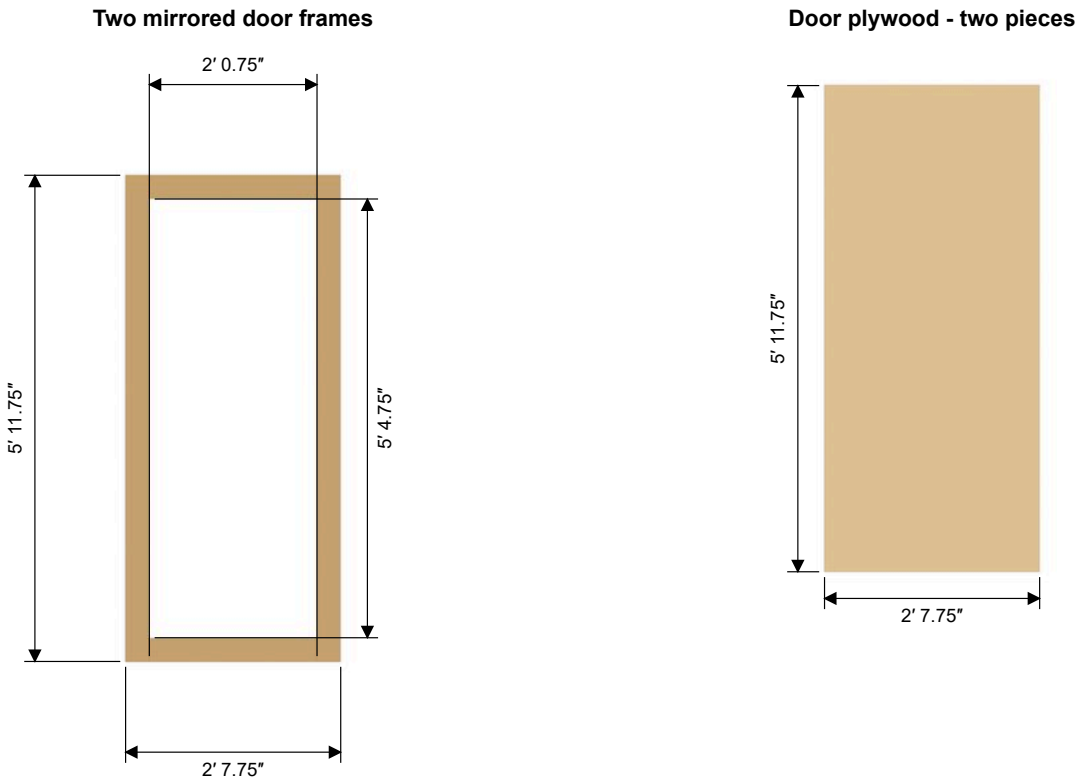
Part / material	Cut / fitted size	Qty
Roof plywood	9/16 in; widths and common slope shown	10

The roof deck extends to the fitted fascia. Verify the shown panel cuts against the assembled roof before fastening.

STEP 19 / 24

Door frames and plywood

Assemble two square door frames, then attach the plywood faces.



Assembly



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

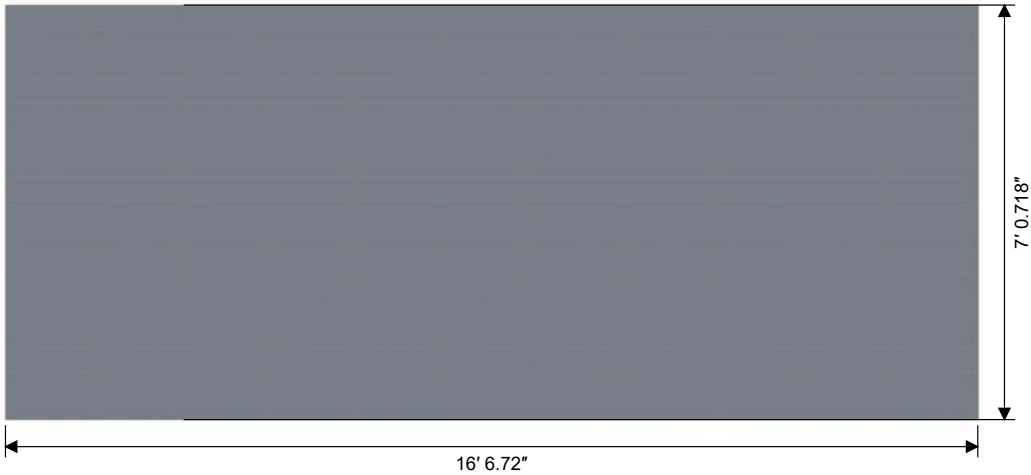
Dry-fit both leaves within the doorway before adding cladding.

STEP 22 / 24

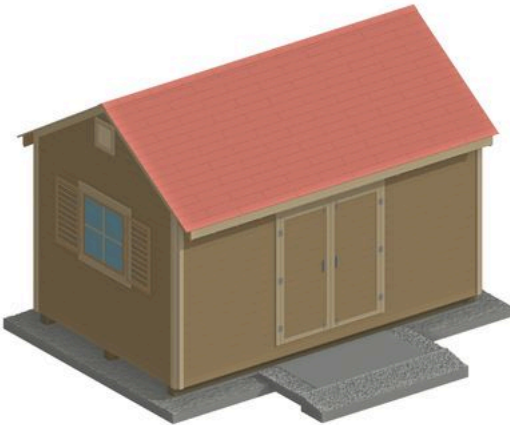
Shingles and ridge caps

Lay asphalt shingles from eaves to ridge, then fit overlapping ridge caps.

Front slope - repeat opposite



Assembly



Part / material	Cut / fitted size	Qty
Asphalt shingles	Net roof area before waste and laps	233 sq ft

Use the selected product instructions for starter strips, exposure, nails, ridge caps and sealing.

10 X 16 FT GARDEN SHED

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