

THE DIYCRAFT PLAN COLLECTION

10x12 ft

Storage Shed Plan

A timber storage shed on treated skids and compacted gravel, with double doors and dark asphalt shingles.



FREE EDITION

9 illustrated stages

120 sq ft / 33-degree gable roof

COMPARE THE TWO EDITIONS

Free or premium?

Use the free plan to follow the build. Choose premium for the individual assembly stages, model part schedules and closer detail views.

What you get	Free plan	Premium plan
Illustrated assembly stages	9	25
Step-by-step instructions	✓	✓
Key dimensions	✓	✓
Printable PDF	✓	✓
Material and cut schedules	—	✓
Floor, roof, door and gable details	—	✓
Four exterior elevation views	—	✓

Green check = included Dash = not included

YOUR PREMIUM CHECKLIST

- ✓ Follow all 25 assembly stages with their own illustrations.
- ✓ Coordinate timber, plywood, roof, door and exterior parts.
- ✓ Review the extra assembly details and exterior elevations.

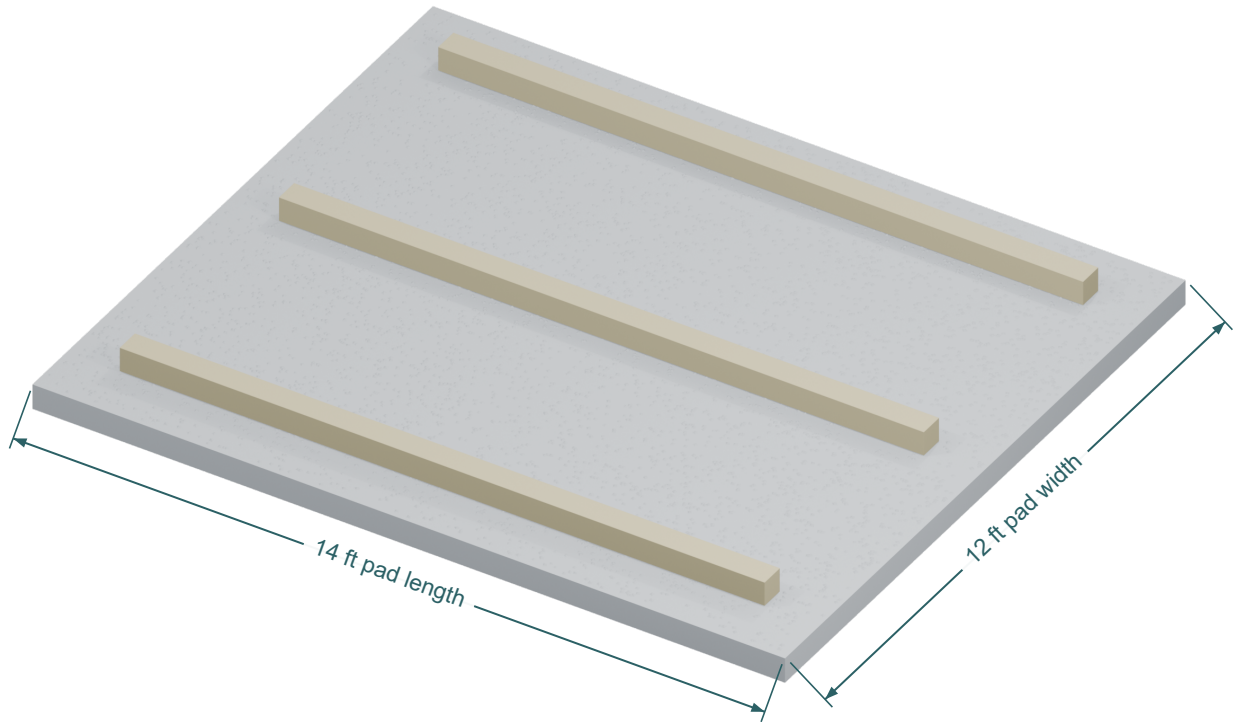
Buy Now

Schedules describe the model and fitted parts. Site-specific engineering, final connection specifications and product purchase quantities are not included.

STEP 01 / 09

Build the gravel and skid base

Build a level gravel pad and support the floor on three full-length treated skids.



PAD: 168 x 144 in | SKIDS: 3 at 144 x 5 1/2 x 5 1/2 in | see the layer section.

- 1.1** Set out the 14 x 12 ft pad. Remove turf and unsuitable soil; place permeable separator fabric on firm prepared ground.
- 1.2** Place and compact crushed stone to the modeled 6-inch finished layer. Keep the bearing surface level and the surrounding ground draining away.
- 1.3** Set three 12-ft ground-contact-treated 6x6 skids perpendicular to the joists. Level and fully support each runner; fit the site-selected anchors and floor connectors.

Method reference: Shedplans.org - How to Build a Skid Foundation.

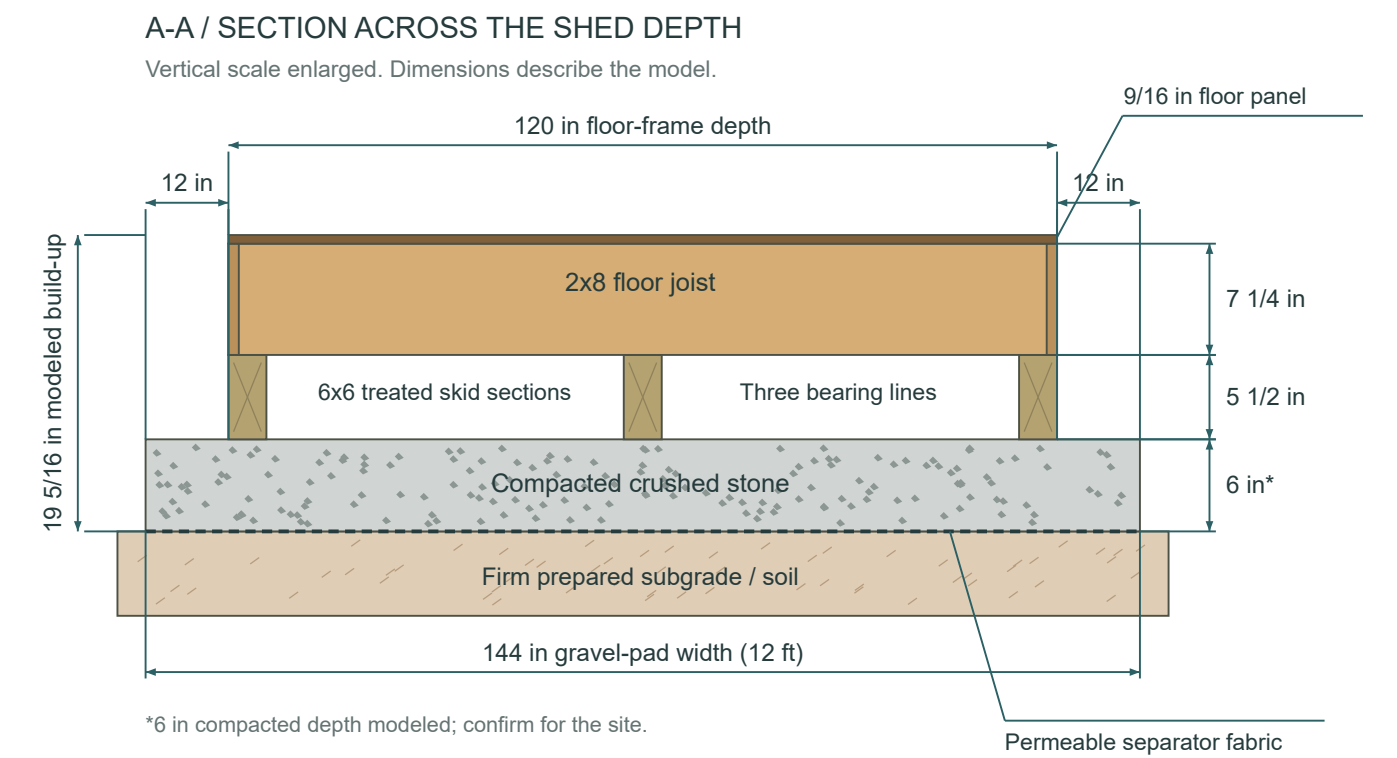
FOUNDATION CHECK: support, drainage and anchorage.

Use where an on-grade foundation is permitted. Soil, gravel depth, timber rating and wind-anchor details need site-specific review.

SKID FOUNDATION / SECTION A-A

Foundation layers and heights

Section perpendicular to the three 12-foot skids. Soil and separator fabric are shown schematically; the timber and gravel dimensions match the revised model.



Layer / part	Model dimension	Installation meaning
Floor panel	9/16 in thick	Confirm the panel rating for the storage load.
Floor joists	7 1/4 in deep	Nominal 2x8; bear on all three skids.
Ground-contact skids	5 1/2 in x 5 1/2 in	Nominal 6x6; full bearing along each runner.
Compacted stone	6 in modeled depth	Depth and ground preparation depend on the site.
Fabric over subgrade	Thickness not scaled	Use permeable separator fabric on firm prepared soil.

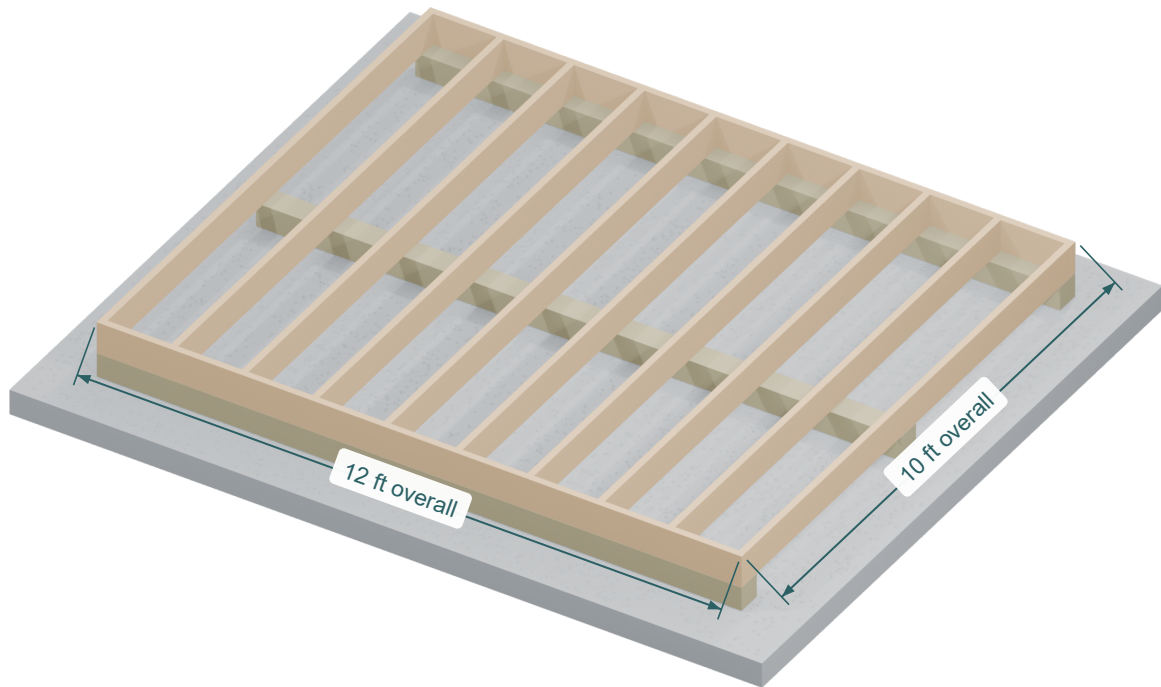
SITE LEVELS AND DRAINAGE

Keep the pad level and drain the surrounding ground away. This is an on-grade system; the 6-inch layer is not a frost-depth footing.

STEP 02 / 09

Build the floor platform

Set out a square 12 ft by 10 ft floor frame on the completed, level support base.



AT A GLANCE: 12 ft x 10 ft structural footprint | updated joist-frame view (image 04).

- 2.1** Confirm the foundation, damp separation and anchors for your site. Assemble the outer frame and compare both diagonals before fixing the corners.
- 2.2** Mark both rims from the same end, then install the internal joists. Keep their tops level and add support at the planned plywood joints.
- 2.3** Check the frame, then lay the floor plywood with staggered joints and supported edges. Follow the panel instructions for gaps and fastening.

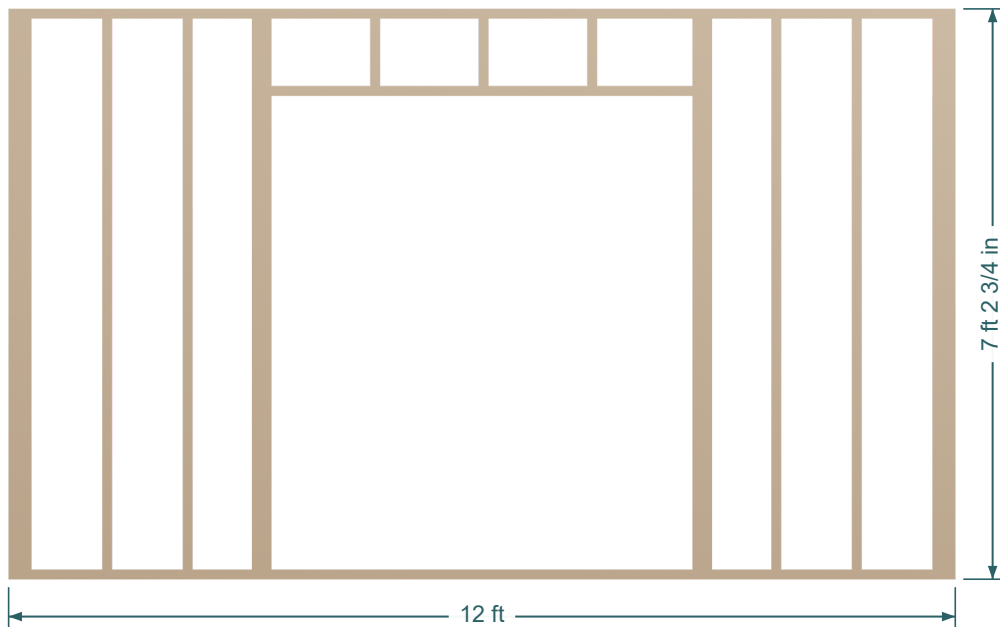
FLOOR CHECK

Resolve foundation bearing, anchors and floor load requirements; check every sheet joint before covering the frame.

STEP 03 / 09

Build the front wall

Assemble the front frame flat, with the double-door opening centered in the 12 ft wall.

FRONT / FRAMING


AT A GLANCE: centered double doorway | match the opening to the final door and threshold details.

- 3.1** Set out the top and bottom plates together. Mark the corner posts, full studs and door jambs from one end so the marks align.
- 3.2** Coordinate the 5 ft 4 in by 6 ft opening above the bottom plate. Fit the jambs and short studs to the final header and bearing design.
- 3.3** Check the diagonals, then raise the frame with help. Brace it temporarily, check plumb and secure it using the agreed wall-to-floor connections.

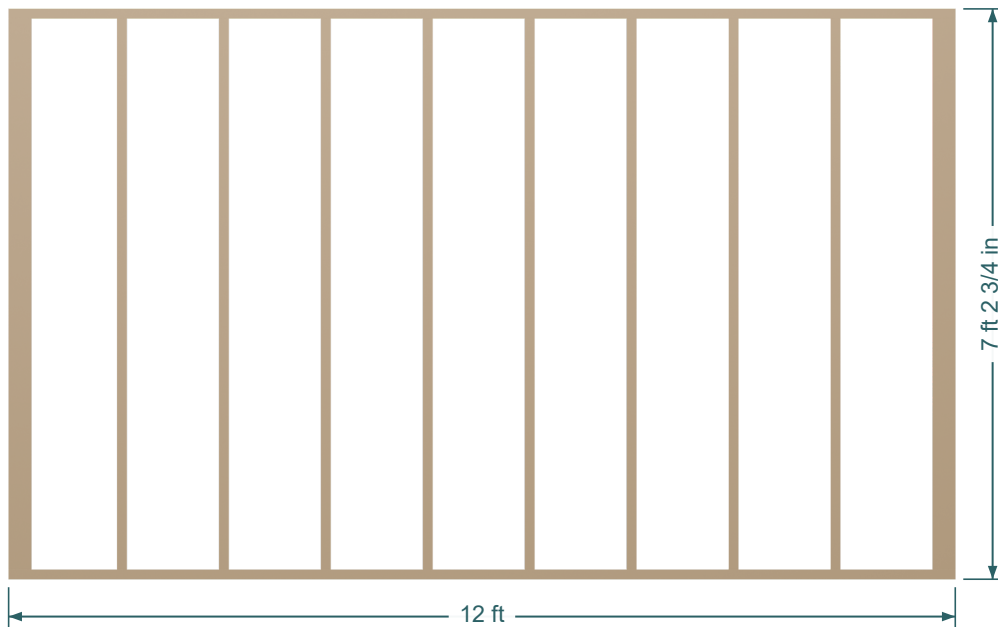
FRONT WALL CHECK

The single flat header in the image is illustrative; header capacity, bearing and permanent bracing remain unresolved.

STEP 04 / 09

Build the back wall

Build the full-width rear frame on the floor before raising it into position.

REAR / FRAMING


AT A GLANCE: 12 ft rear wall | no door or window openings.

- 4.1** Lay the top and bottom plates side by side. Transfer the stud positions from a common starting point and mark the corner-post locations.
- 4.2** Fit the studs between the plates on a flat surface. Keep the ends flush and compare diagonals to check that the frame is square.
- 4.3** Raise the wall with help, align it with the back edge of the floor and brace it. Check plumb before securing the final connections.

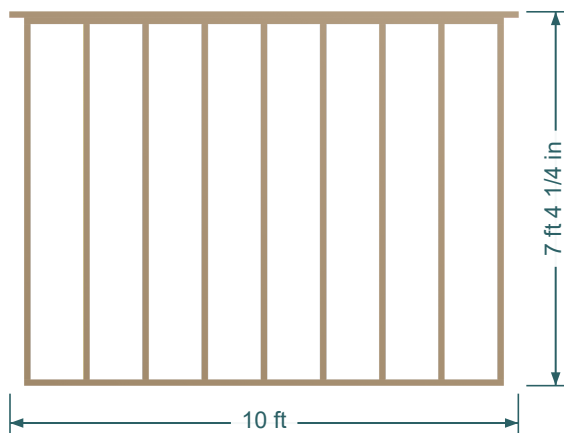
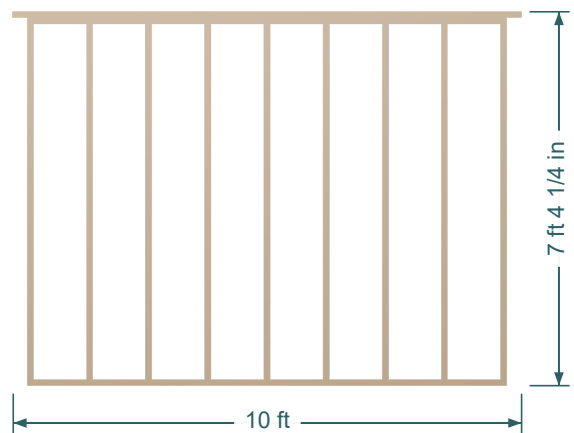
BACK WALL CHECK

Keep temporary braces in place until the permanent wall bracing and connected wall assembly are complete.

STEP 05 / 09

Build the side wall frames

Build two matching side frames to fit between the front and back walls.

LEFT / CAPPED

RIGHT / CAPPED


AT A GLANCE: side plates fit between the long walls | top plates connect the corners.

- 5.1** Lay out each pair of plates together. Position the studs using the coordinated frame layout and check the frame for square before lifting.
- 5.2** Raise each side frame between the long walls. Align the corners, check the complete 12 ft by 10 ft rectangle and brace all walls plumb.
- 5.3** Fit the second top-plate course across the wall joints. Complete the specified corner connections and permanent bracing before roof work.

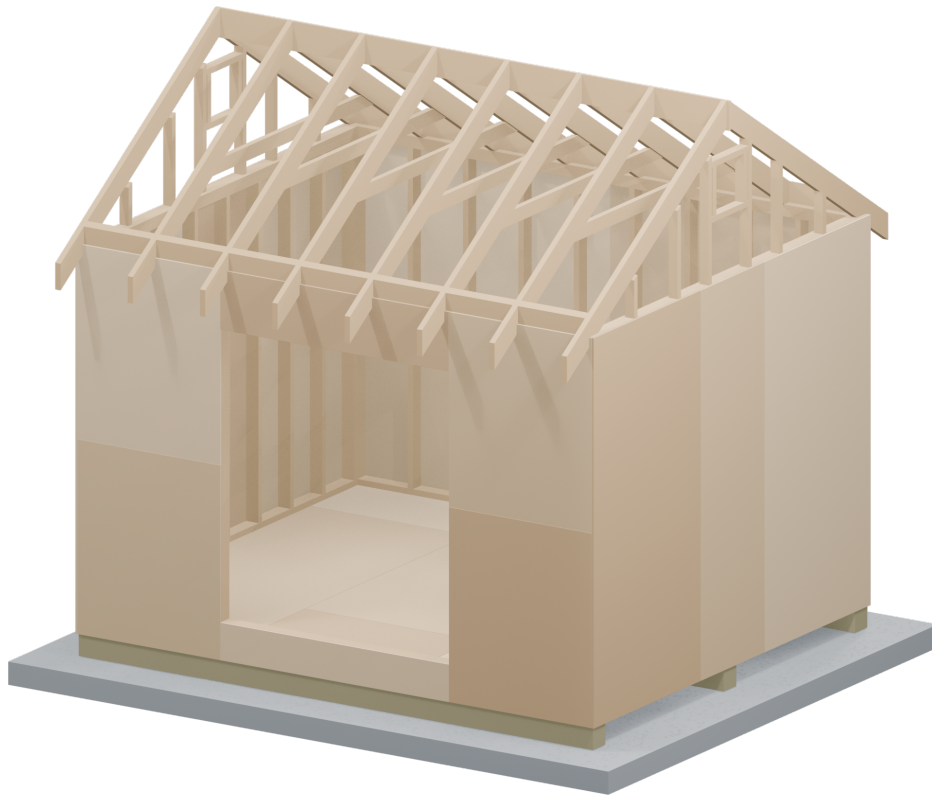
WALL ASSEMBLY CHECK

Recheck wall plumb, top-plate level and the overall diagonals before adding the roof.

STEP 06 / 09

Assemble the roof frame

Form the gable roof with paired rafters, the ridge board and fitted gable framing.



AT A GLANCE: 33-degree gable roof | complete the roof-support and connection details first.

- 6.1** Use the coordinated 33-degree roof section to establish the ridge and plate bearing. Confirm a full-size rafter template against the assembled walls.
- 6.2** Resolve rafter seats, thrust restraint and connections before cutting repeated members. Set the paired rafters and the ties required by that design.
- 6.3** Fit the gable studs, frame the vent openings and add the eave bay blocking. Keep the frame straight and preserve the planned ventilation paths.

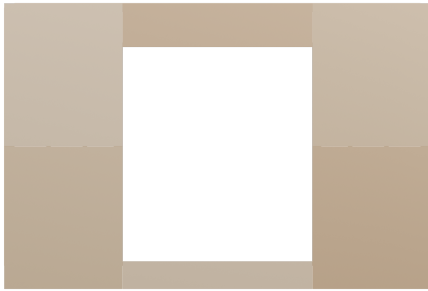
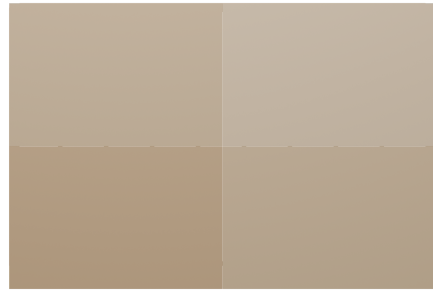
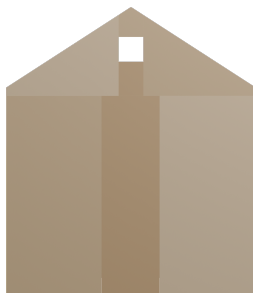
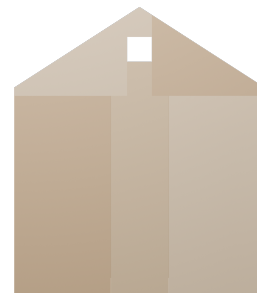
ROOF FRAME CHECK

Rafter cuts, roof thrust restraint and gable overhang support require resolution; collar ties alone are not a complete design.

STEP 07 / 09

Add the plywood sheathing

Use the wall elevations to fit sheathing around the doorway and vents. Coordinate roof panels with the separate roof drawings.

FRONT / SHEATHING

REAR / SHEATHING

LEFT / SHEATHING

RIGHT / SHEATHING


WALL SHEATHING: front, rear and both gable walls | fit panels to the coordinated openings.

- 7.1** Dry-fit the wall panels around the doorway. Support their edges and stagger joints where required by the selected sheathing system.
- 7.2** Fit the roof plywood only after the overhang supports are resolved. Check the slope length, panel orientation and support under every free edge.
- 7.3** Cut the gable pieces around the vents, then complete the specified panel gaps and fastening. Add compatible wall barriers and flashing before siding.

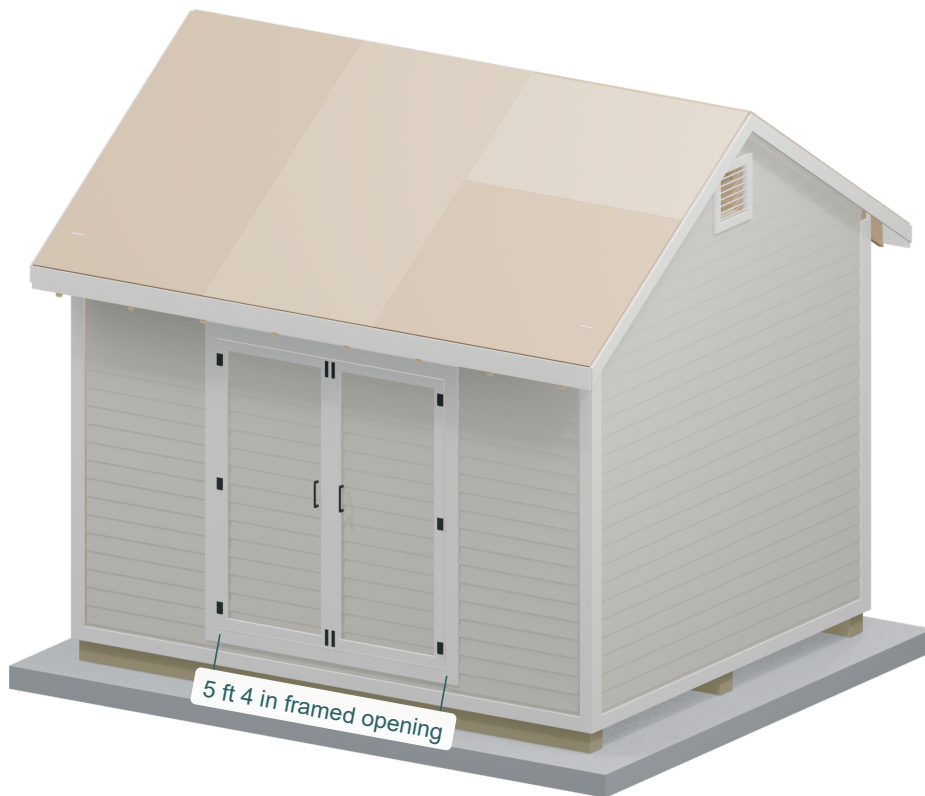
SHEATHING CHECK

Panel grade, thickness, fastening and overhang support must suit the final design and chosen materials.

STEP 08 / 09

Install the double doors

Complete the exterior around the entrance, then fit and adjust the two door leaves.



AT A GLANCE: centered double doors | fit to the finished opening and selected hardware.

- 8.1** Install the siding, trim and flashed vent units around the completed sheathing. Preserve the doorway dimensions and weatherproof the head and threshold.
- 8.2** Measure the finished opening. Assemble each door on a flat surface with its backing, diagonal brace, plywood and finish layers; check square before hanging.
- 8.3** Hang the leaves on suitable rated hinges, then fit the pulls and bolts. Adjust the clearances so both leaves swing, close and latch without rubbing.

DOOR CHECK

The door backing is inferred from the model; confirm joinery, hinge capacity, seals and threshold before fabrication.

STEP 09 / 09

Complete the roof covering

Finish the roof sheeting, weatherproof layers and shingle covering over the checked plywood deck.



AT A GLANCE: plywood deck first, then underlay and roof covering | follow the selected product system.

- 9.1** Inspect the deck and complete the fascia, rake trim and supported roof edges. Repair any uneven joints before covering them.
- 9.2** Install compatible edge metal, underlay and weather protection in the selected system's required order, with the specified laps and fastening.
- 9.3** Lay the shingles and finish the ridge using the product instructions. Inspect the eaves, rakes, vents and wall transitions for water-entry paths.

FINISH CHECK

Keep ventilation paths clear and check all roof edges, flashings and the completed door operation.

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FINISHING / COPYRIGHT

Finish and keep your plan

Finish the work

- Treat exposed cuts and complete the chosen exterior coatings. Check trim joints, drainage, door adjustment and clear vent openings.
- Inspect the completed shed against the final construction details. Keep the selected material, fixing and maintenance instructions with this plan.

Plan notes

- Overall sizes use feet and inches. Small clearances, timber sections and precision cut schedules retain inches. Never scale the pictures for a missing cut.
- These are illustrated model-based plans. Foundation and anchors, header and bracing, rafter seats and restraint, overhang support and inferred door construction need final resolution.
- Check the final design, site conditions and applicable local requirements before construction. The model images do not establish structural or weather performance.

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