ShedPlans®
.org

8'x12' Storage Shed Plan

Compare our Free vs. Premium plan

This perfectly designed plan will guide you through the entire process of building your very own shed for any backyard or garden.

Check out the benefits you would get with our premium edition:

Features	Free plan	Premium edition
Steps count	9	20
Illustrations for Each Step	✓	✓
Print Ready	✓	✓
Step By Step Instructions	✓	✓
Full Materials and Cuttings List	✗	✓
Additional Illustrations	✗	✓
Additional Blueprints	✗	✓
Tools List	✗	✓
Fastening Elements List	✗	✓
Technical Support	✗	✓

BUY NOW

8'x12' Storage Shed Material List

Site Preparation

- Concrete
- Bricks

Bottom Frame

- Pressure-Treated Lumber
- Plywood

Wall Frames

- Pressure-Treated Lumber

Shed’s Roof

- Pressure-Treated Lumber
- Pressure-Treated Board
- Plywood
- Building paper
- Asphalt shingles
- Metal drip edge

Shed's Door

- Pressure-Treated Lumber
- Wood siding boards
- Plywood

Walls Exterior Siding

- Pressure-Treated Lumber
- Wood siding boards

Top Frame

- Pressure-Treated Lumber

Fasteners & Hardware

- Door hinges
- Door pulls
- Surface bolt
- Galvanized nails
- Wood screws

STEP 1

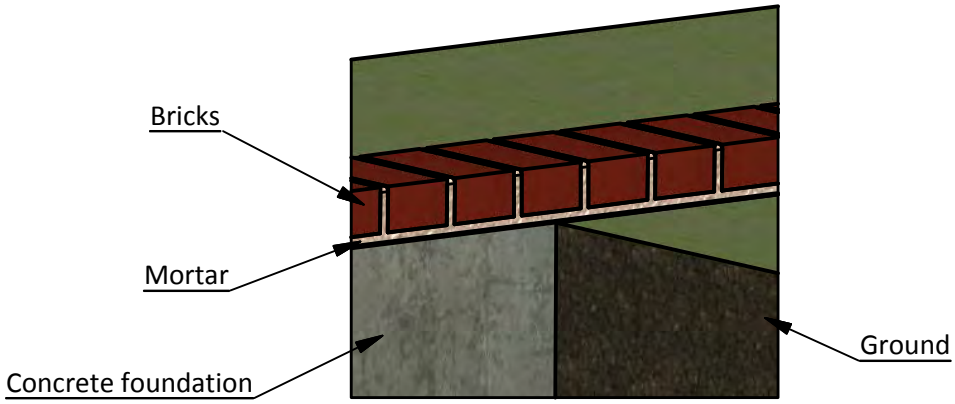
Foundation Preparation

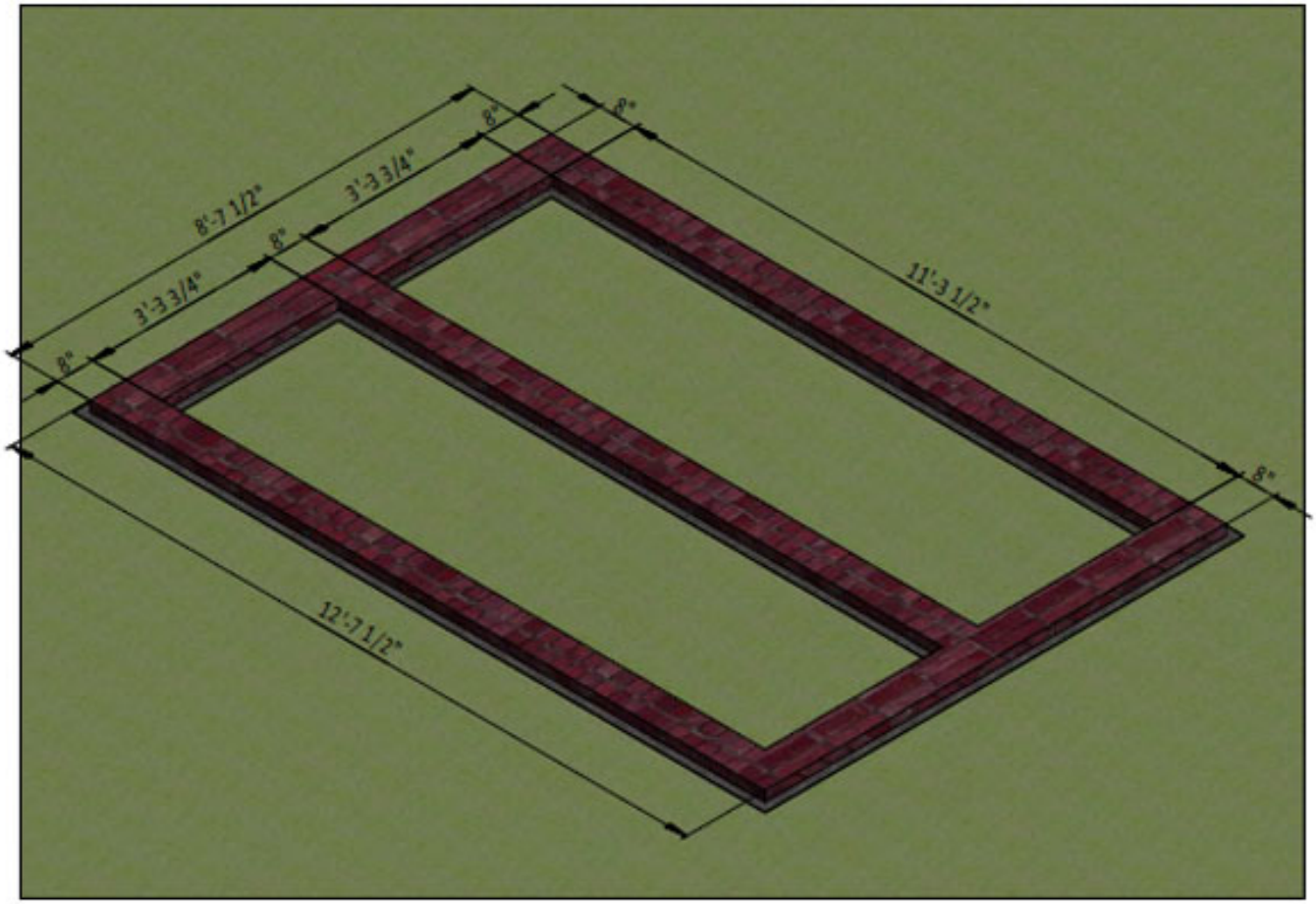
1.1 Clear the area where you want to build the shed and layout for the foundation. Use the below illustration as a guide.

1.2 For the foundation, dig the trenches at least 1' wide and 1' deep.

1.3 Fill the trenches to ground level with concrete and let cure, or harden. Since curing times vary between brands, read the packaging for recommended curing times.

1.4 Once the concrete has cured, use standard-sized bricks and lay them across the foundation. You will need roughly 135 bricks for this step.





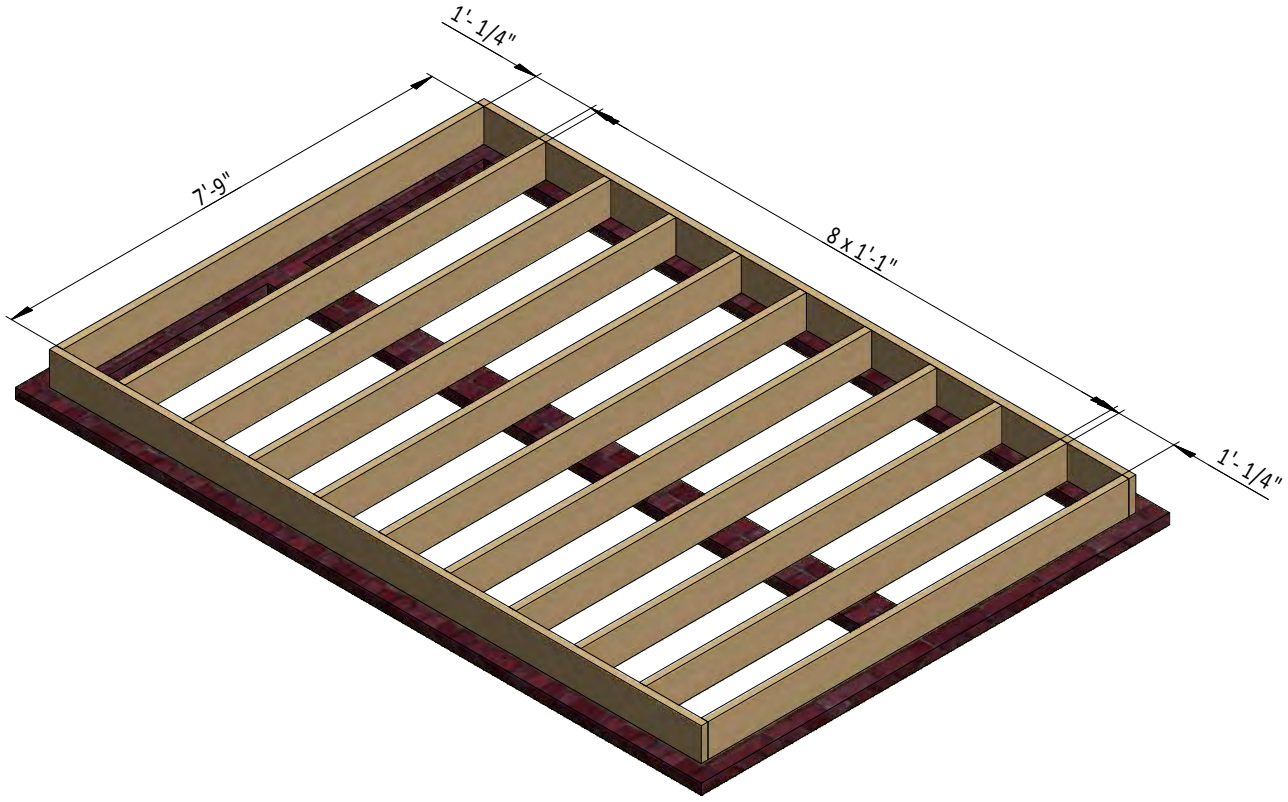
STEP 2

Framing the Floor

2.1 Make the floor joists using 1 1/2” x 7 1/4” pressure-treated lumber. You will need nine boards cut to 7'-9” for the joists.

2.2 Attach the joists with 8x5" Phillips flat head wood screws.

2.3 Check the corners to make sure they are 90°.



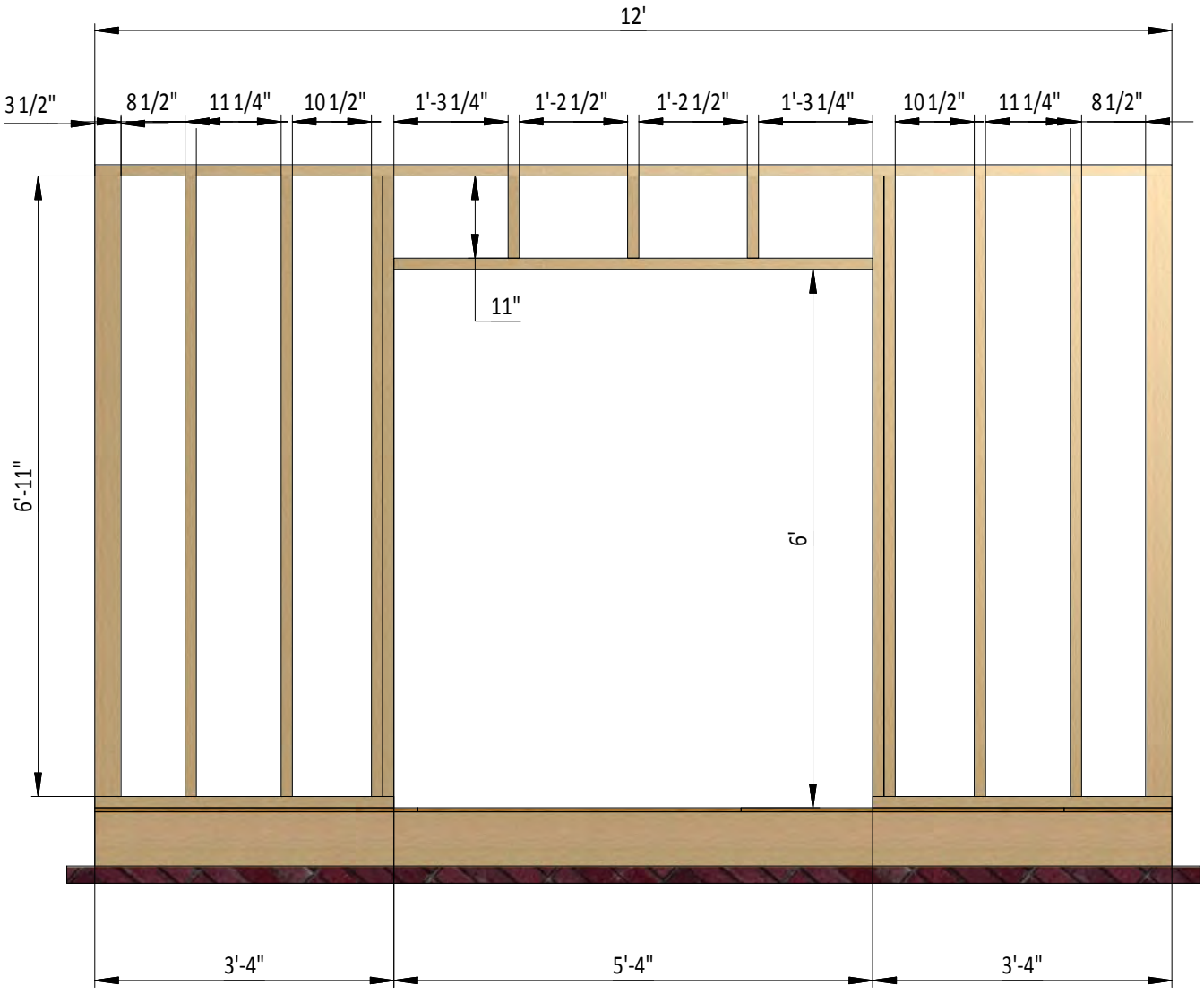
STEP 3

Assemble Front Wall Frame

3.1 Use1 1/2“ x 3 1/2“ and 3 1/2“ x 3 1/2“ treated lumber to construct the front wall frame using the drawing below as a reference. You will need three boards cut to 11" to use as the cripple studs, one board cut to 5'-4" for the door header, ten boards cut to 6'-11" for the wall studs, two boards cut to 3'-4" for the bottom plates and one board cut to 12' to use as the top plate.

3.2 Attach the beams with 2x4" Phillips flat head wood screws.

3.3 Check the corners to make sure they are 90° so that the building will be square when finished.



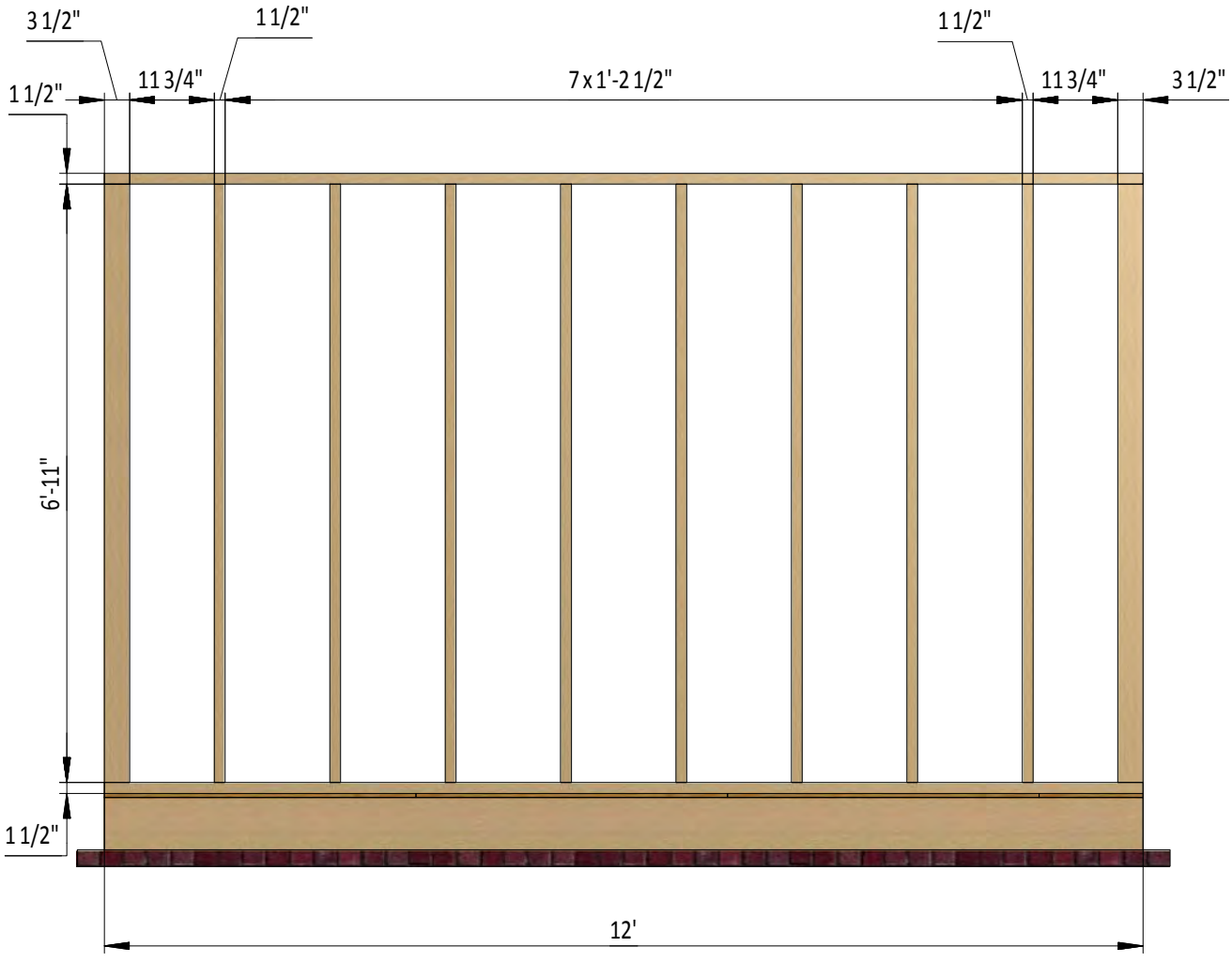
STEP 4

Assemble Back Wall Frame

4.1 Use 1 1/2“ x 3 1/2“ and 3 1/2“ x 3 1/2“ treated lumber to make the back wall frame using the drawing below as a reference. You will need ten boards cut to 6'-11" for the studs and two boards cut to 12' for the top and bottom plates.

4.2 Fasten the beams with 2x4" Phillips flat head wood screws.

4.3 Use the square of your choice to check the corners to make sure they are 90°.



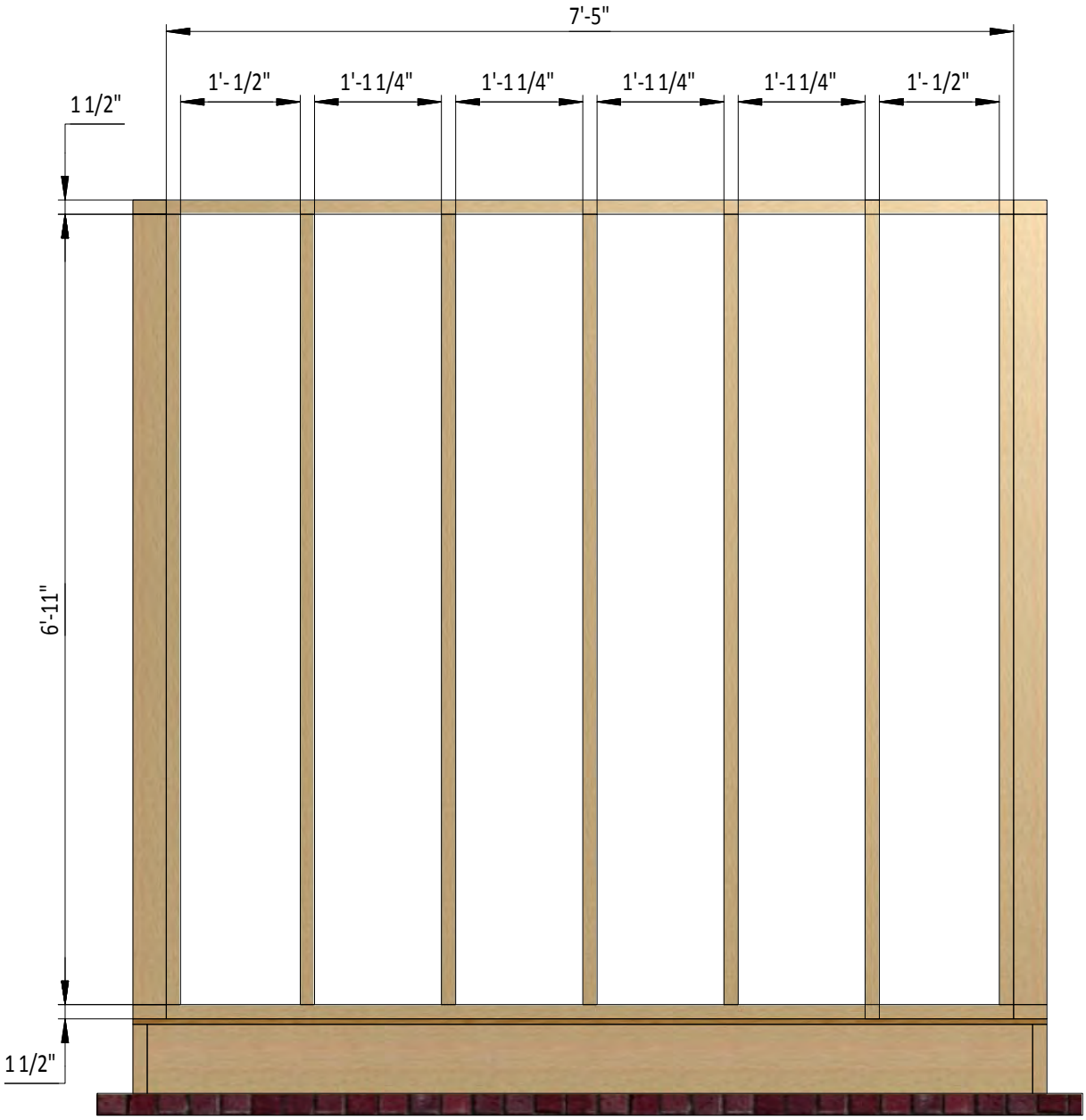
STEP 5

Assemble Left and Right Wall Frames

5.1 Using 1 1/2“ x 3 1/2“ pressure-treated lumber, construct the wall frames using the drawing below as a tool. You will need seven boards cut to 6'-11" for the wall studs and two boards cut to 7'-5" to make the top and bottom plates.

5.2 Join the beams with 2x4" flat head Phillips wood screws.

5.3 Be sure that the corners are 90° using a square of your choice.



STEP 6

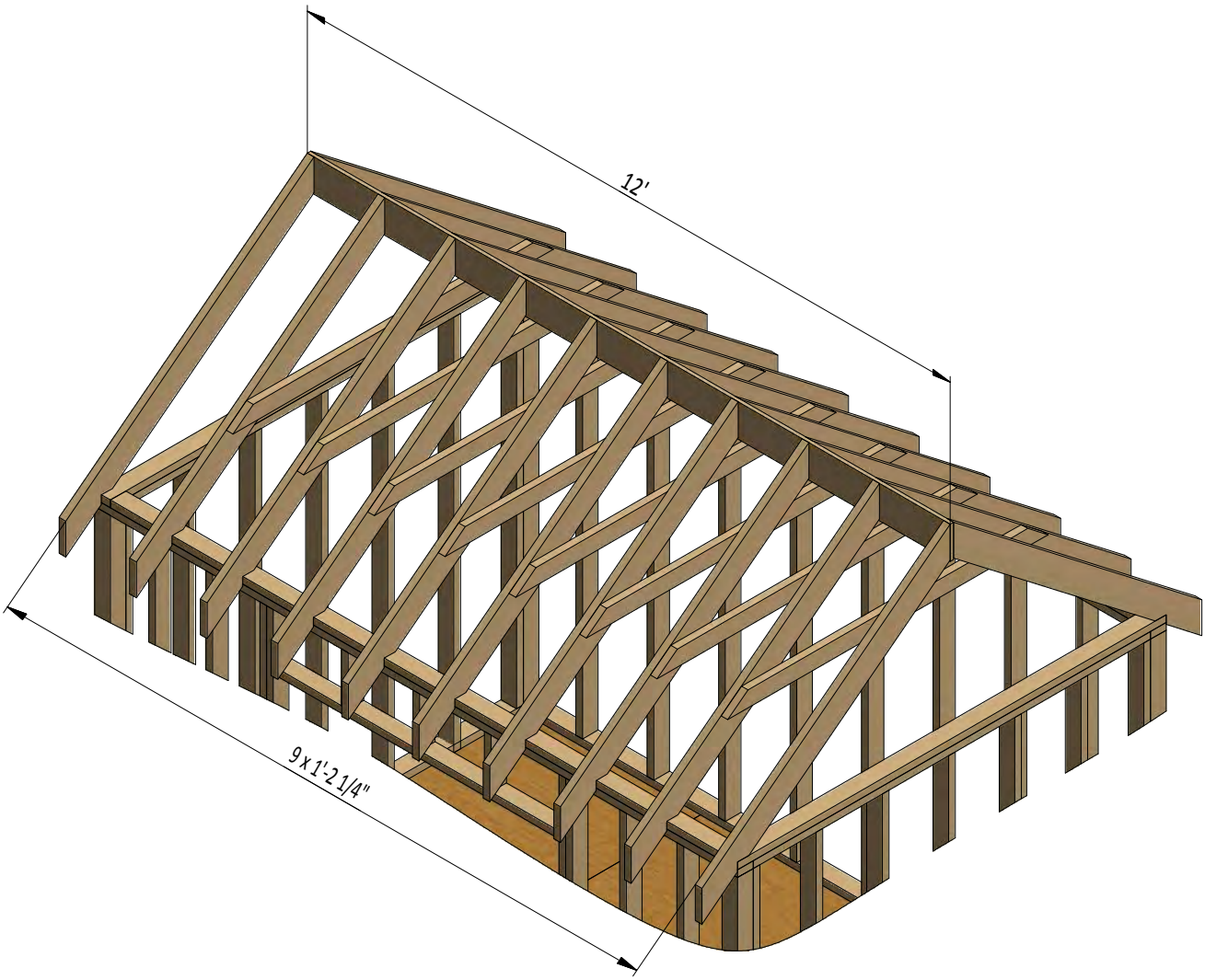
Assemble the Roof Frame

6.1 Use 1 1/2 “ x 5 1/2 “ treated lumber to cut 20 rafters 5'-10 1/4" long according to the dimensions.

6.2 Use 1 1/2 “ x 3 1/2 “ treated lumber to cut eight collar ties 5'-11 3/4" long according to the dimensions.

6.3 Use 3/4 “ x 7 1/4 “ treated wood to cut the ridge board 12' long according to the drawing below.

6.4 Connect the beams with 2x3" flat head Phillips wood screws.



STEP 7

Assemble and Install Shed Doors

7.1 Build the door frames for the shed using 1 1/2 " x 3 1/2 " treated lumber and secure with 5" flat head wood screws. You will need two boards cut to 5'-11 3/4" for the vertical girts and two boards cut to 2'-3/4" for the horizontal girts.

7.2 Cut two doors from the 9/16" plywood sheet with dimensions 2'-7 3/4" x 5'-11 3/4" according to the drawing.

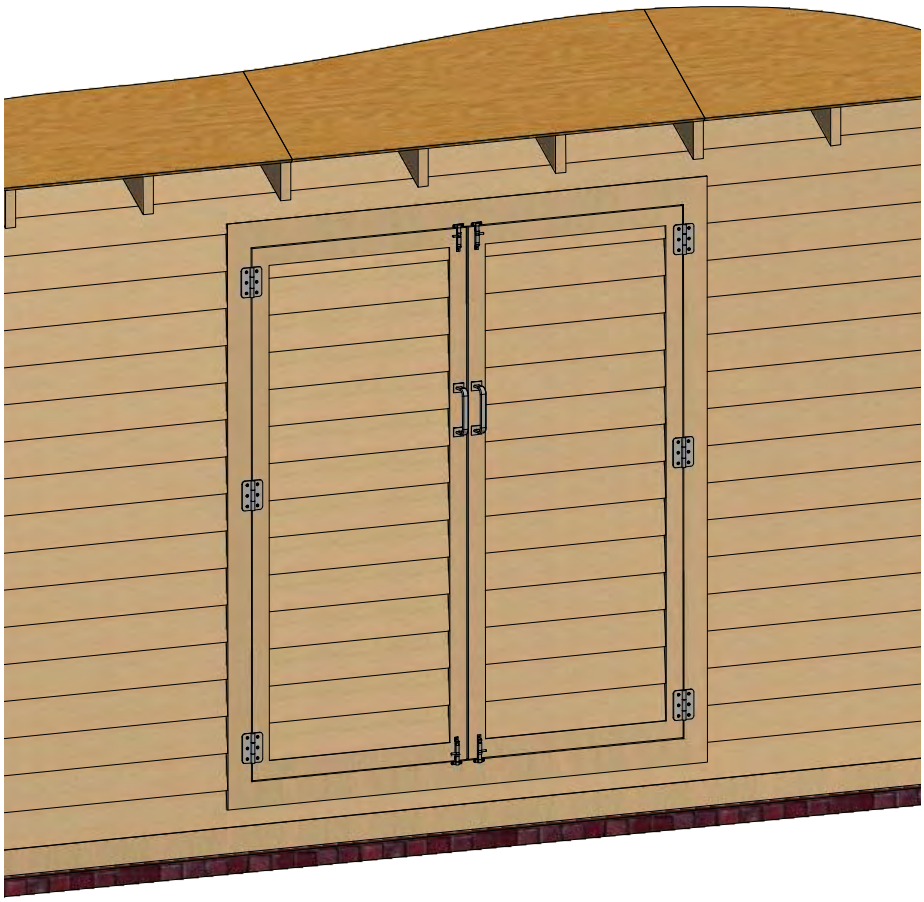
7.3 Use 2 1/2 " x 3/4 " treated lumber to make the door trim and fasten with 2" Phillips flat head wood screws. You will need two boards cut to 2'-2 3/4" and two boards cut to 5'-11 3/4".

7.4 Using 1/4 " x 3/4 " treated lumber, cut and install a starter course 2'-2 3/4" long.

7.5 Use 1/2 " x 6" wood siding boards for the door and the illustration below as a reference.

7.6 Assemble siding shields with 2" galvanized nails.

7.7 Install three 3" door hinges using 6x1" wood screws. Finish the door installation by attaching 4" surface bolts and 6" door pulls.



STEP 8

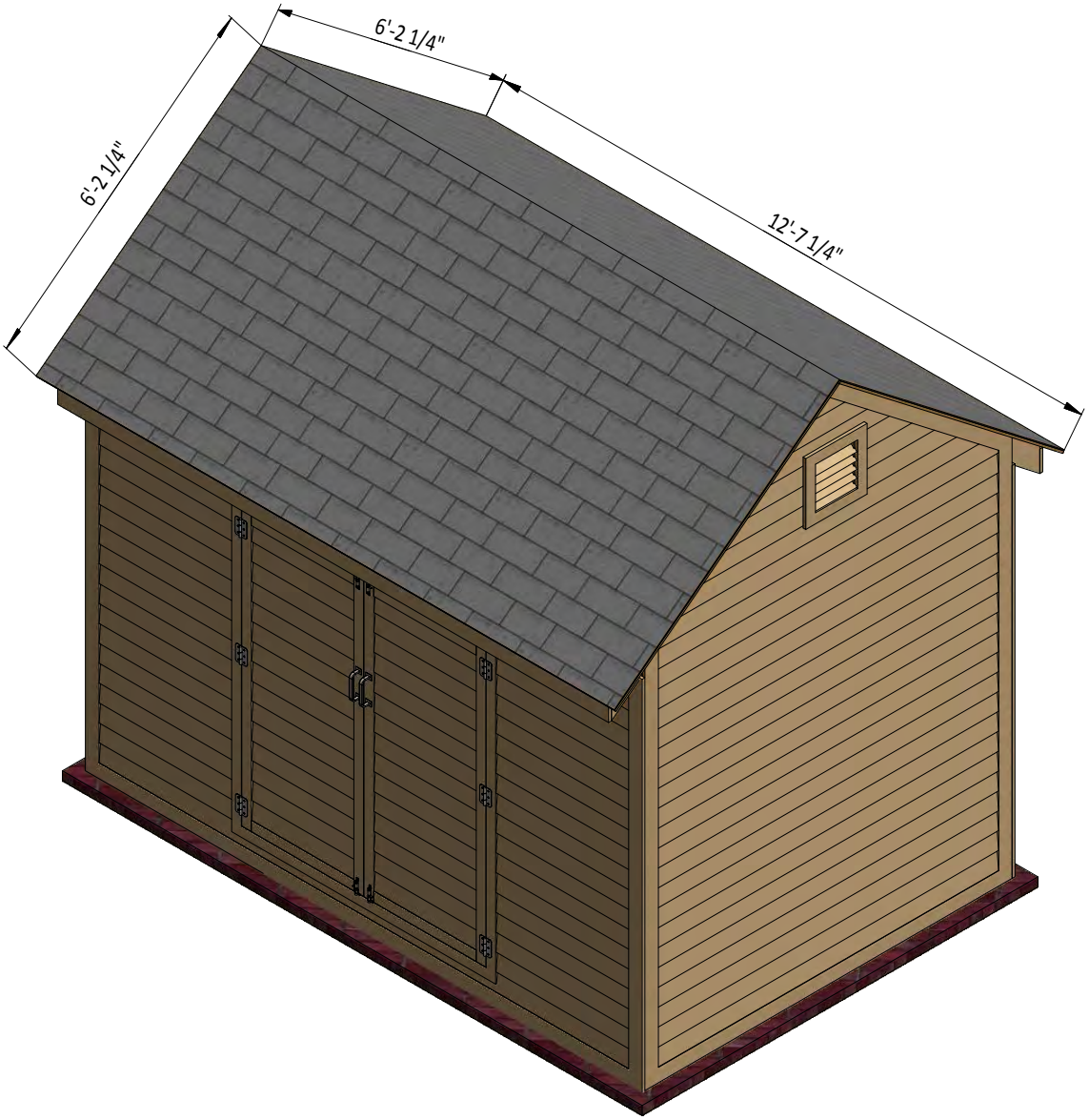
Roof Sheathing Installation

8.1 This storage shed requries 160 Sq Ft of asphalt shingle roofing.

8.2 Add the metal drip edge to the fascias.

8.3 Cover the plywood with roofing paper.

8.4 Install asphalt shingle roofing using an industrial stapler or use a hammer with roofing nails.



STEP 9

Shed Decoration

Now that your coop is all done, you are ready to decorate it any way you want using your favorite paint, stain, or preservative.

Compare our Free vs. Premium plan

This perfectly designed plan will guide you through the entire process of building your very own shed for any backyard or garden.

Check out the benefits you would get with our premium edition:

Features	Free plan	Premium edition
Steps count	9	20
Illustrations for Each Step	✓	✓
Print Ready	✓	✓
Step By Step Instructions	✓	✓
Full Materials and Cuttings List	✗	✓
Additional Illustrations	✗	✓
Additional Blueprints	✗	✓
Tools List	✗	✓
Fastening Elements List	✗	✓
Technical Support	✗	✓

BUY NOW

For more great **HOW-TO** plans please visit: **https://shedplans.org**