



10'x10' Garden 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	12	29
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	✗	✓

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8'x10' Garden 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 Window Shutter

- Pressure-Treated Lumber

Shed's Pergola

- Pressure-Treated Lumber

Walls Exterior Siding

- Pressure-Treated Lumber
- Wood siding boards

Top Frame

- Pressure-Treated Lumber

Fasteners & Hardware

- Wood square louver gable vent
- Galvanized nails
- Wood screws

Drainage System

- Pressure-Treated Lumber
- Half round gutter
- End pieces with outlet
- 45° elbow
- Drainage pipe
- Joint connector
- End cap
- Round hunger
- Wall fastener

Door Ramp

- Pressure-Treated Lumber
- Plywood

STEP 1

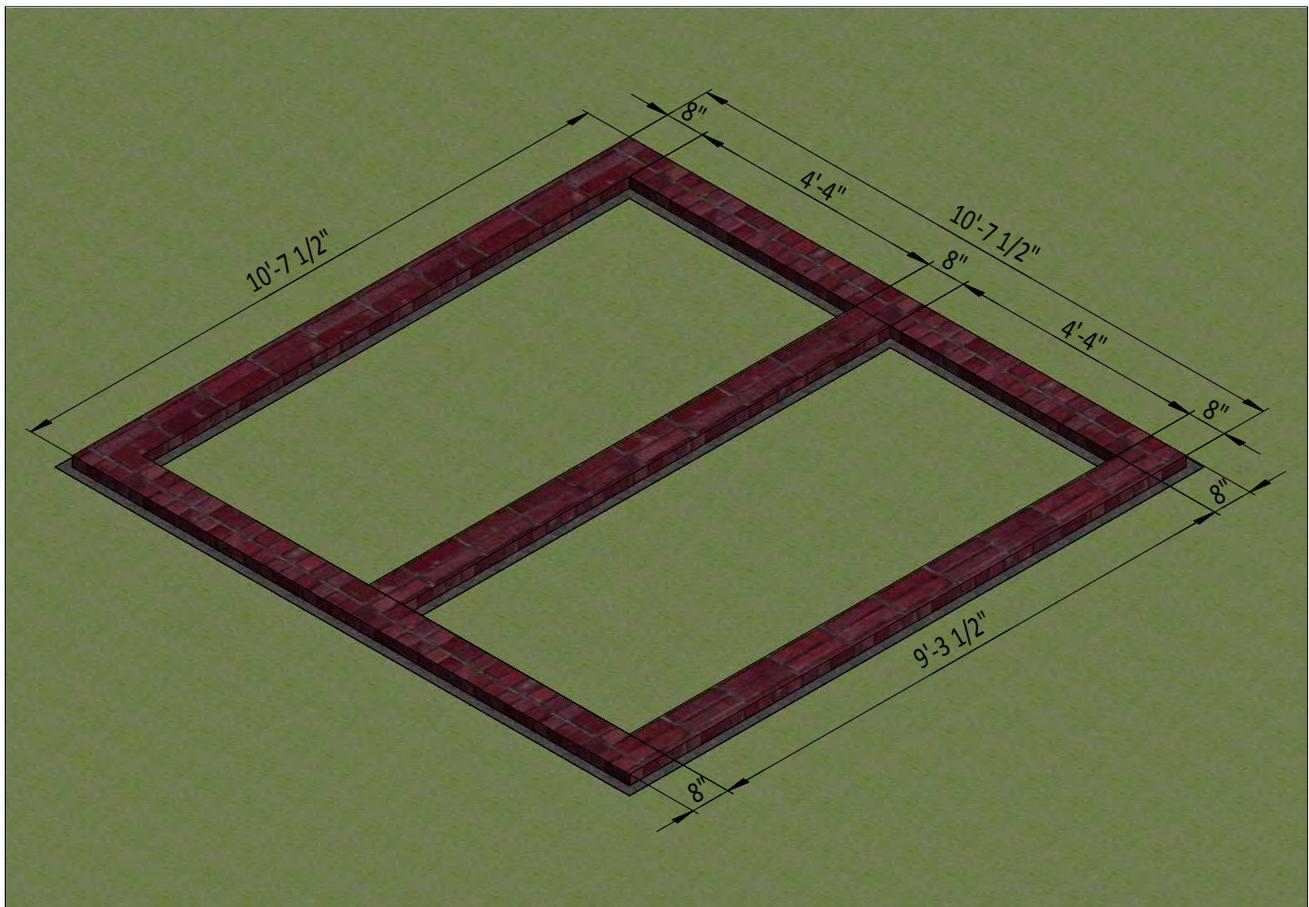
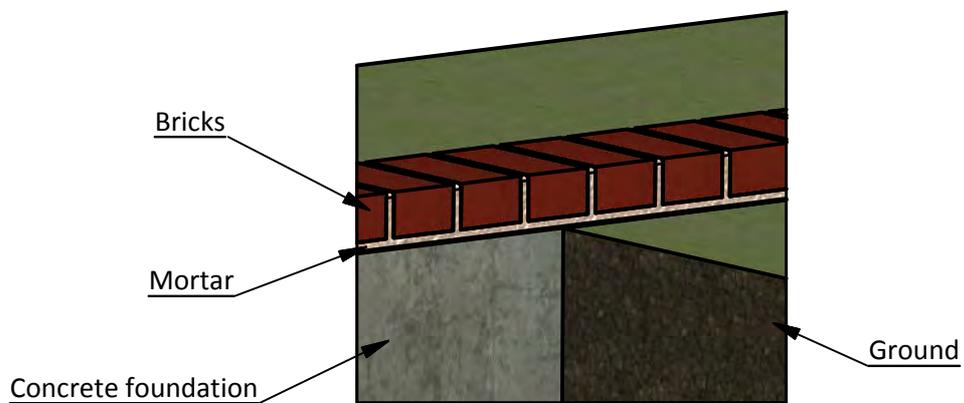
Foundation Preparation

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 ft. wide and 1 ft. 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.



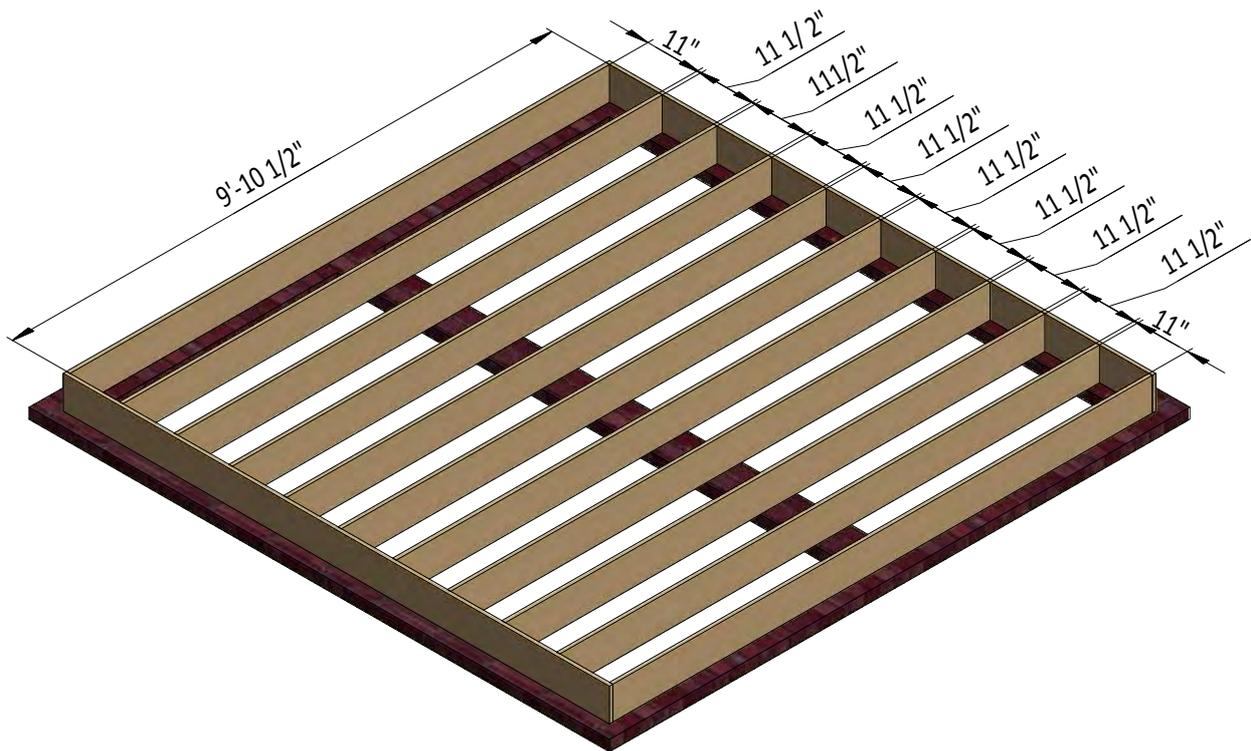
STEP 2

Framing the Floor

2.1 Assemble the frame using 1 1/2" x 7 1/4" (2 x 8) pressure-treated lumber. You will need nine boards cut to 9'-10 1/2" for the floor joists.

2.2 Secure the beams with 8x5" wood screws.

2.3 Using a square, measure the outside corner angles to verify that they are 90°.



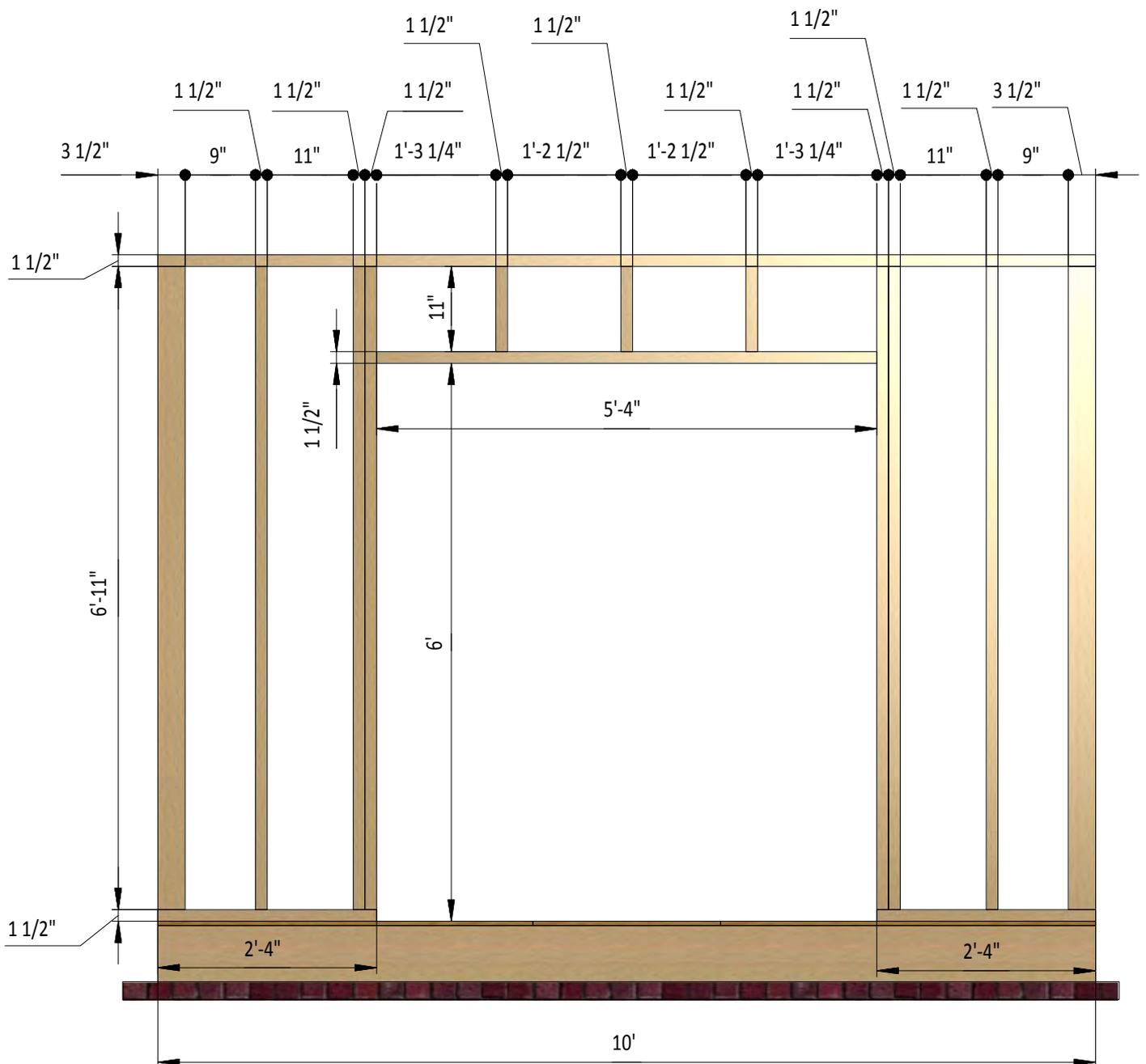
STEP 3

Assemble Front Wall Frame

3.1 Using 1 1/2" x 3 1/2" (2 x 4) and 3 1/2" x 3 1/2" (4 x 4) pressure-treated lumber, construct front wall frame using the drawing below. You will need three boards cut to 11" that will be the cripple studs, one board cut to 5'-4" that will be the door header and eight boards cut to 6'-11" that will be the wall studs.

3.2 Connect the beams with 9x2 1/2 Phillips flat head wood screws.

3.3 Using a square, check the corners to ascertain each is 90°.



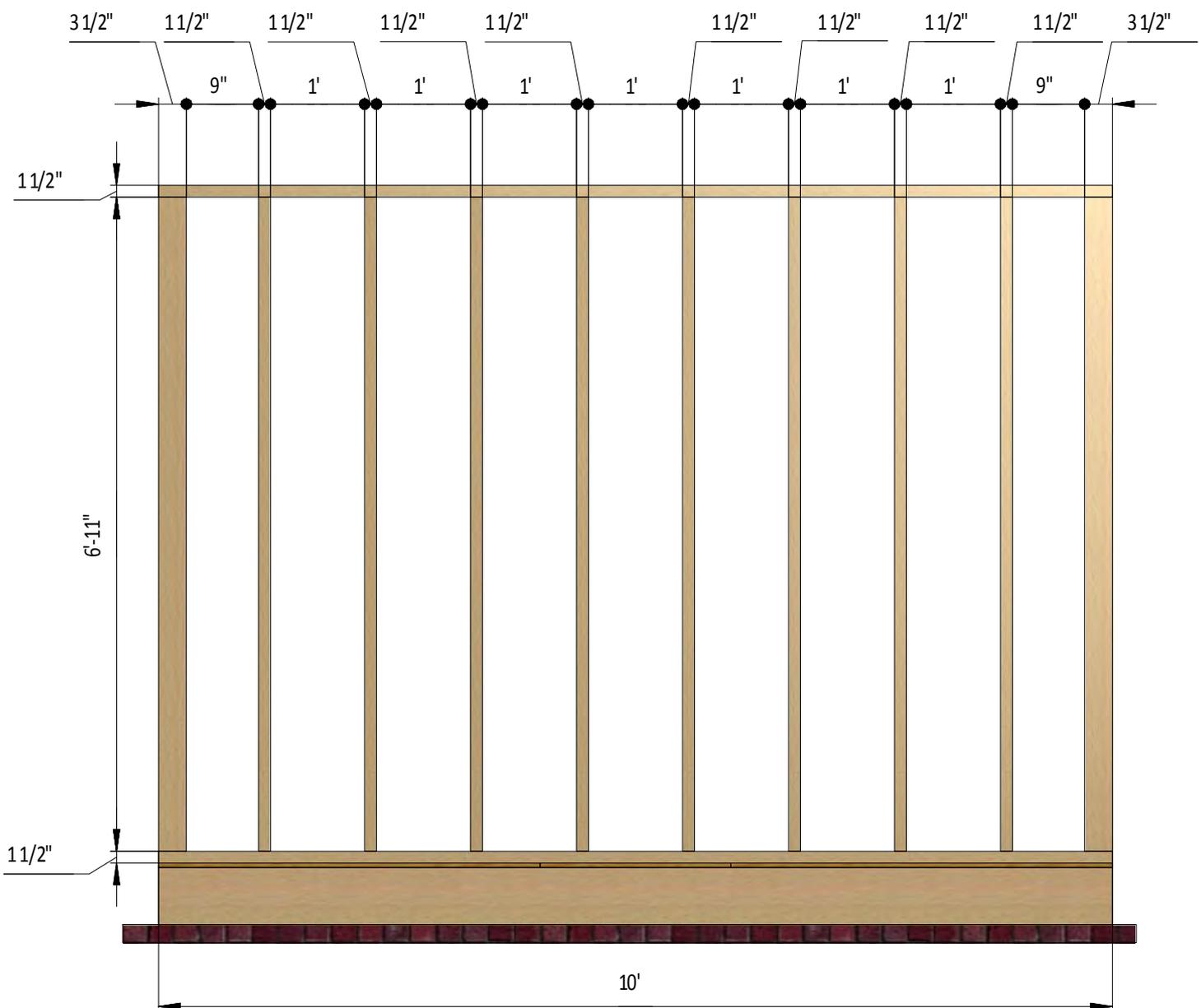
STEP 4

Assemble Back Wall Frame

4.1 Using 2x 4 and 4 x 4" pressure-treated lumber, construct back wall frame using the drawing provided below. You will need ten boards cut to 6'-11" that will be the studs and two boards (4x4s) cut to 10' that will be the top and bottom plates.

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

4.3 Using your square, check each corner to verify that it is 90°.



STEP 6

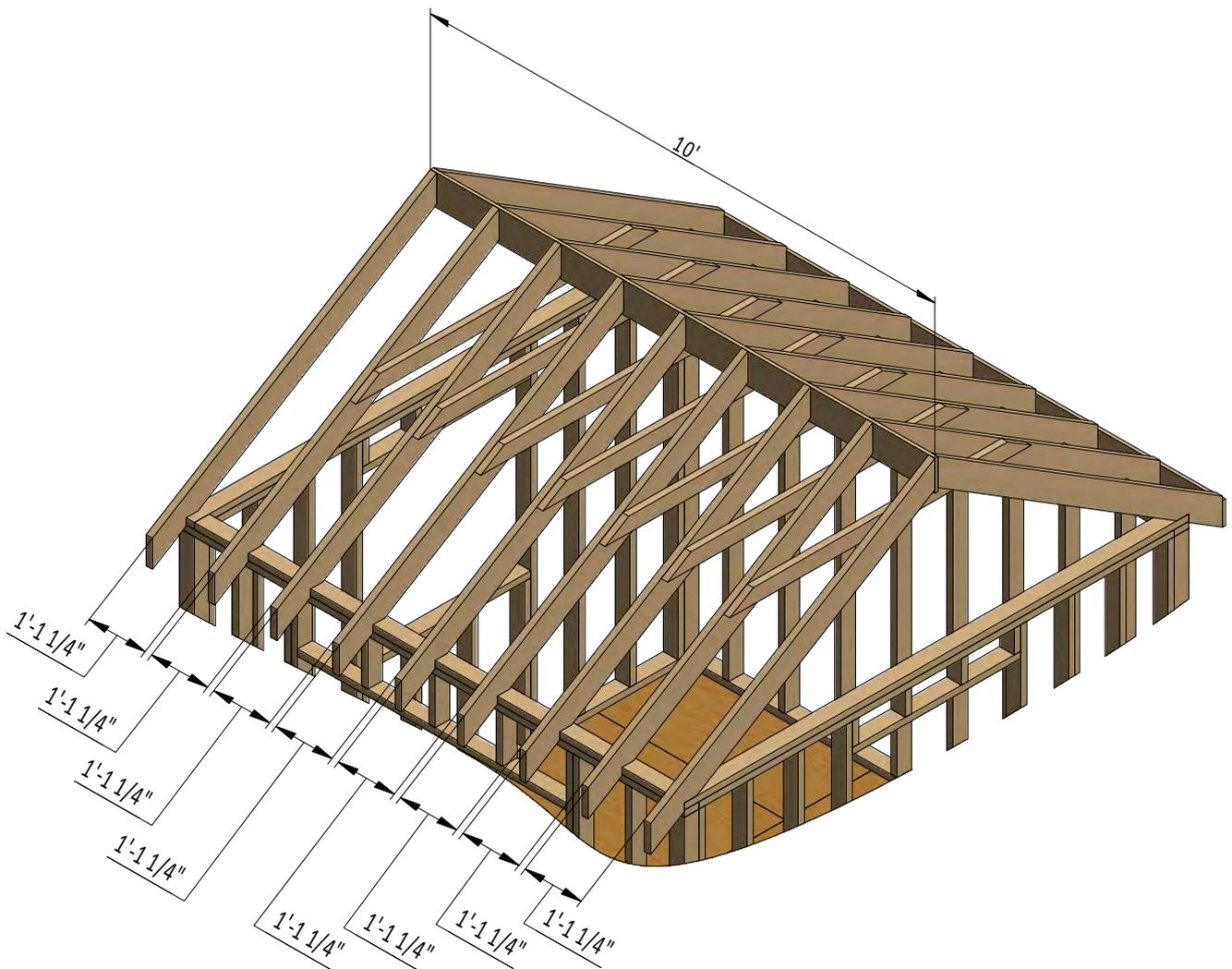
Assemble the Roof Frame

6.1 Using 1 1/2 " x 5 1/2 " pressure-treated lumber, cut eighteen rafters 6'-11" long according to the dimensions.

6.2 Using 1 1/2 " x 3 1/2 " pressure-treated lumber, cut seven collar ties 5'-11 3/4" long according to the sizes shown.

6.3 Using 3/4 " x 7 1/4 " pressure-treated board, cut the ridge board 10' long according to the drawing just below.

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



STEP 7

Roof Sheathing Installation

7.1 You will need 150 Sq Ft of asphalt shingle roofing.

7.2 Add the metal flashing to the fascias

7.3 Cover the plywood with roofing underlayment.

7.4 Install asphalt shingle roofing using a heavy duty staple gun or hammer and roofing nails.



STEP 8

Assemble and Install Window Shutters

This elevation requires 4 windows shutters.

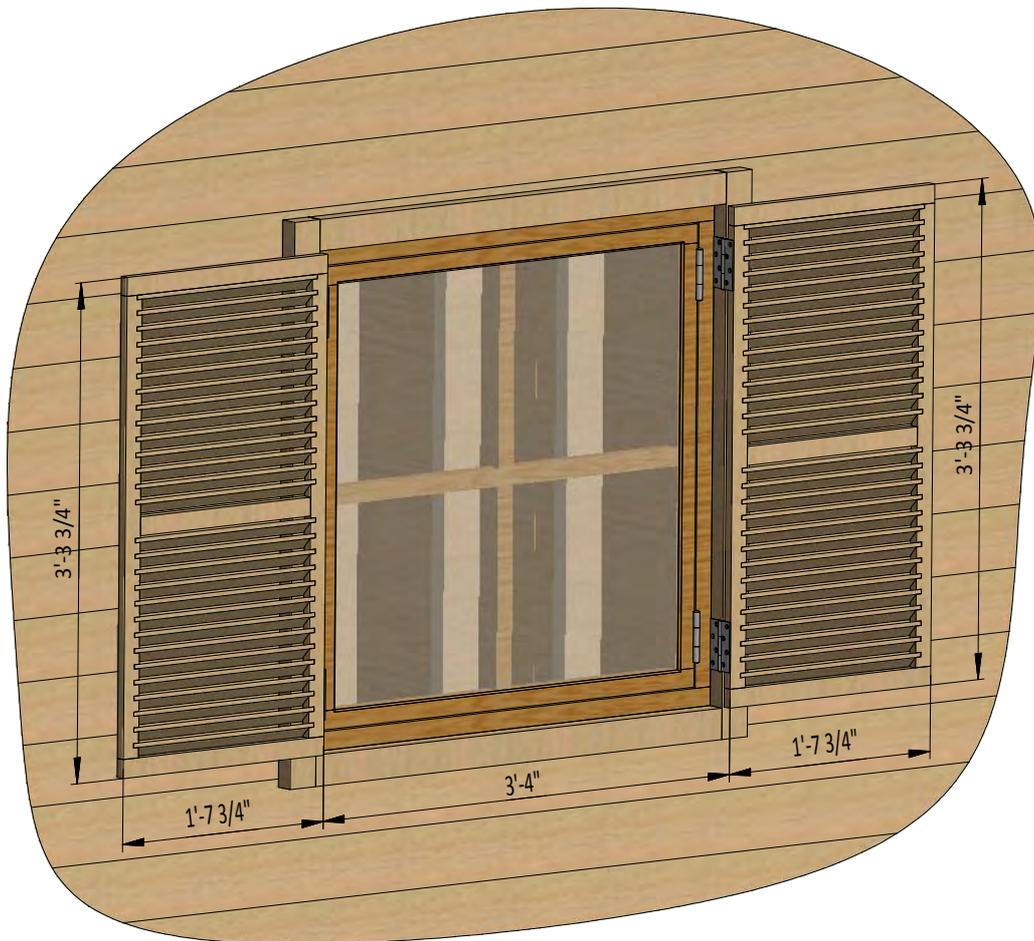
8.1 Assemble frames using $\frac{3}{4}$ " x $1\frac{1}{2}$ " pressure-treated lumber and secure with 3" wood screws. You will need one board cut to $1'-4\frac{3}{4}"$ two boards cut to $3'-\frac{3}{4}"$ that will be the vertical pieces and two boards cut to $1'-7\frac{3}{4}"$ that will be the horizontal pieces.

8.2 Mill a recess along the vertical girts for the jalousies.

8.3 Use $\frac{1}{4}$ " x $1\frac{1}{2}$ " pressure-treated lumber for the jalousies.

You will need twenty two boards cut to $1'-5\frac{3}{4}"$.

8.4 Install two 3" door hinges using 6x1" wood screws.



STEP 9

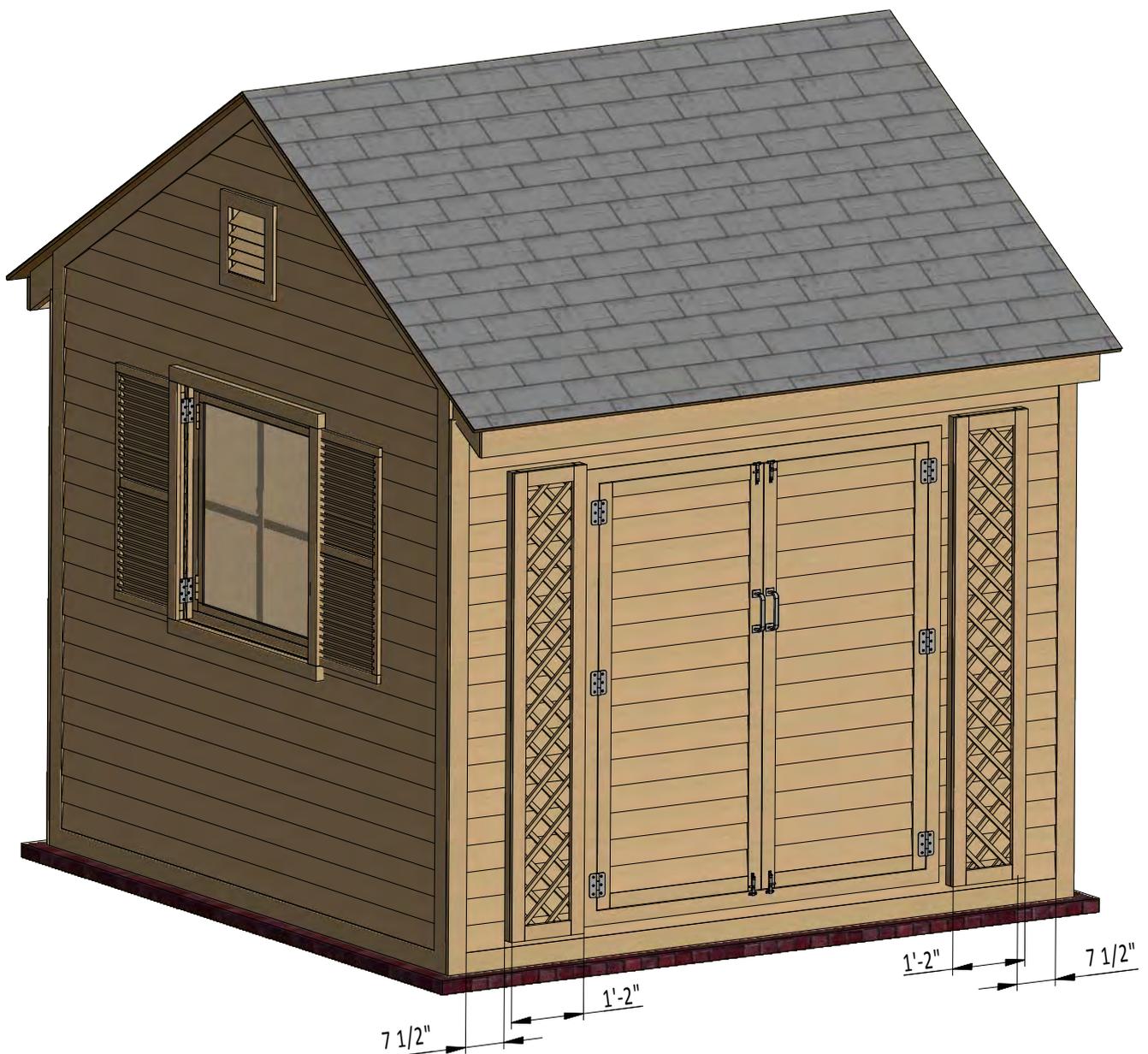
Assemble and Install Pergolas

Prepare two pergolas.

9.1 Assemble front frame using 1 1/2 " x 1 1/2 " pressure-treated lumber and secure with 3" flat head wood screws. You will need two boards cut to 6'-7" that will be the vertical lengths and two boards cut to 11" that will be the horizontal pieces.

9.2 Assemble back frame using 3/4" x 2 1/2 " pressure-treated lumber and secure with 5" flat head Phillips wood screws. You will need two boards cut to 6'-7" that will be the vertical lengths and two boards cut to 9" that will be the horizontal pieces.

9.3 Use 3/4 " x 3/4 " pressure-treated lumber for the lattice. You will need thirty six pieces cut to 1'-3 1/2". Assemble according to the drawing.



STEP 10

Assemble and Install Roof Drainage System

10.1 Assemble roof drainage system on the front fascia board. You will need 5" gutter 8' long, two end pieces with the outlet, six 45° elbows, two 3" pipes 6' long, two joint connectors and two end caps.

10.2 Fasten the gutter to the fascia with the round hangers.

10.3 Fasten the vertical pipe section with the four wall fasteners.



STEP 11

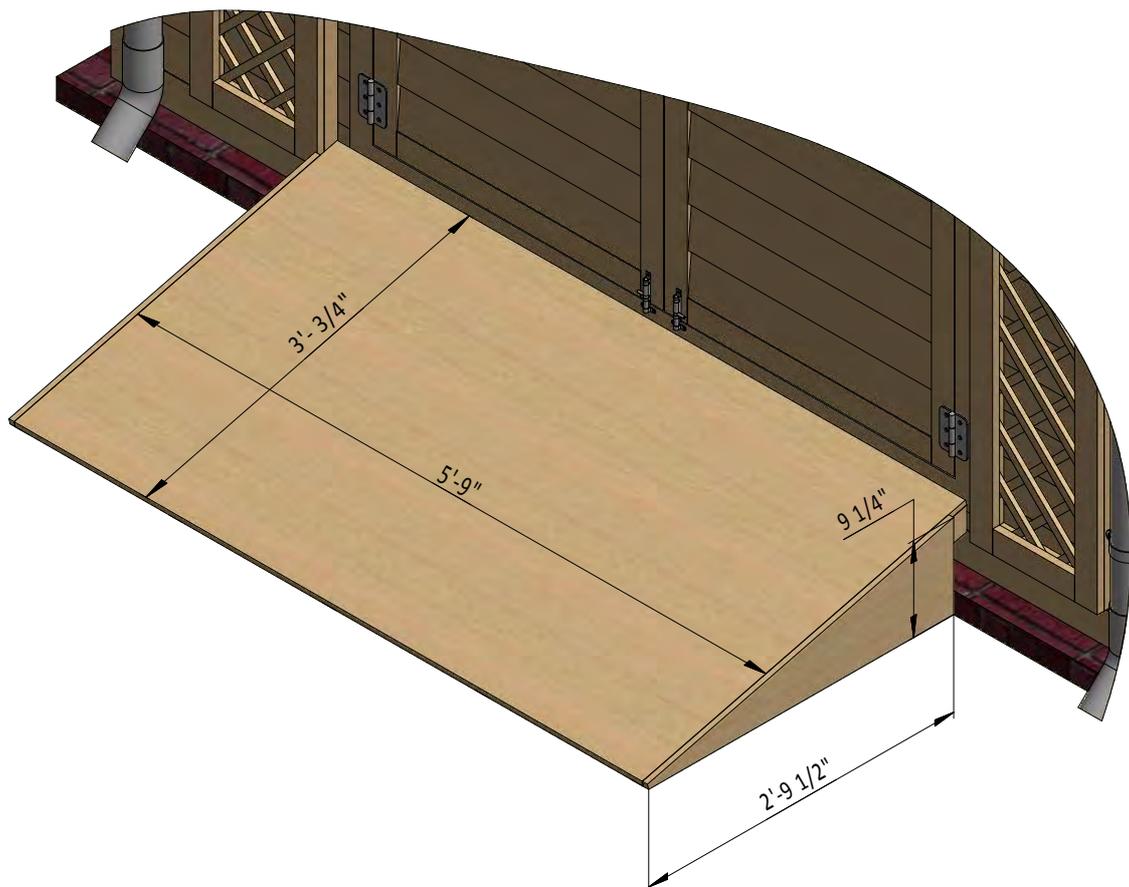
Assemble and Install Door Ramp

11.1 Assemble the five door ramp frames from pressure-treated lumber and secure with 3 and 5" wood screws. For each frame you will need one 1 1/2" x 1 1/2" board cut to 1'-8"; one 1 1/2" x 2 1/2" board cut to 3'-3/4" and one 1 1/2" x 3 1/2" board cut to 6 1/4".

11.2 Connect and secure all frames using one 1 1/2" x 2 1/2" board 5'-9" long and 3" wood screws.

11.3 Cut the 9/16" plywood sheet with dimensions 3'-3/4" x 5'-9" for the top plate and two sheets cut to 9 1/4" x 2'-9 1/2" for the sides.

11.4 Assemble siding shields with 2" galvanized nails.



STEP 12

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.



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Fastening Elements List	✗	✓
Technical Support	✗	✓

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