



3'x4' Chicken Coop Plan

Up to 5 chickens



Compare Free vs. Premium plan

	Free plan	Premium edition
Pages	18	33
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	✗	✓

TRY PREMIUM

3'x4' chicken coop material list

Site Preparation

- Concrete
- Bricks

Bottom Frame

- Pressure-Treated Lumber
- Plywood

Walls Frames

- Pressure-Treated Lumber

Shed's Roof

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

Front/Side Shed's Window

- Pressure-Treated Lumber
- Window beading
- Glass

Walls Exterior Siding

- Pressure-Treated Lumber
- Wood siding boards

Top Frame

- Pressure-Treated Lumber

Fasteners & Hardware

- Corner braces
- Galvanized nails
- Wood screws

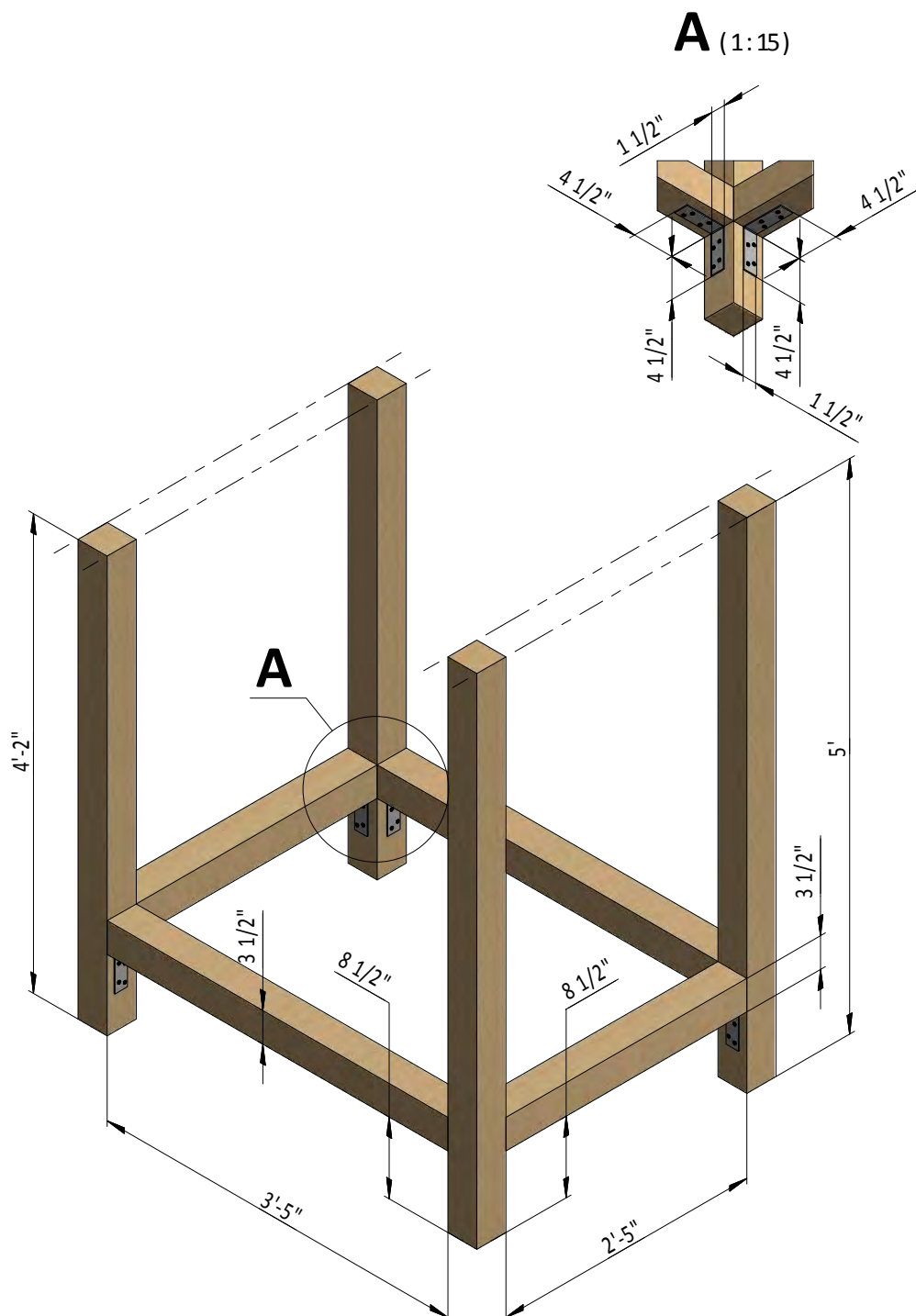
STEP 1

Assemble The Floor Frame

1.1 Using 3 1/2" x 3 1/2" pressure-treated material, cut four studs and four joists, assemble using the illustrations below as a reference.

1.2 Use 4 1/2" x 4 1/2" x 1/2" corner braces and 1" wood screws to secure the corners (node A).

1.3 Make sure the corners are 90° using a carpenter's square or speed square.

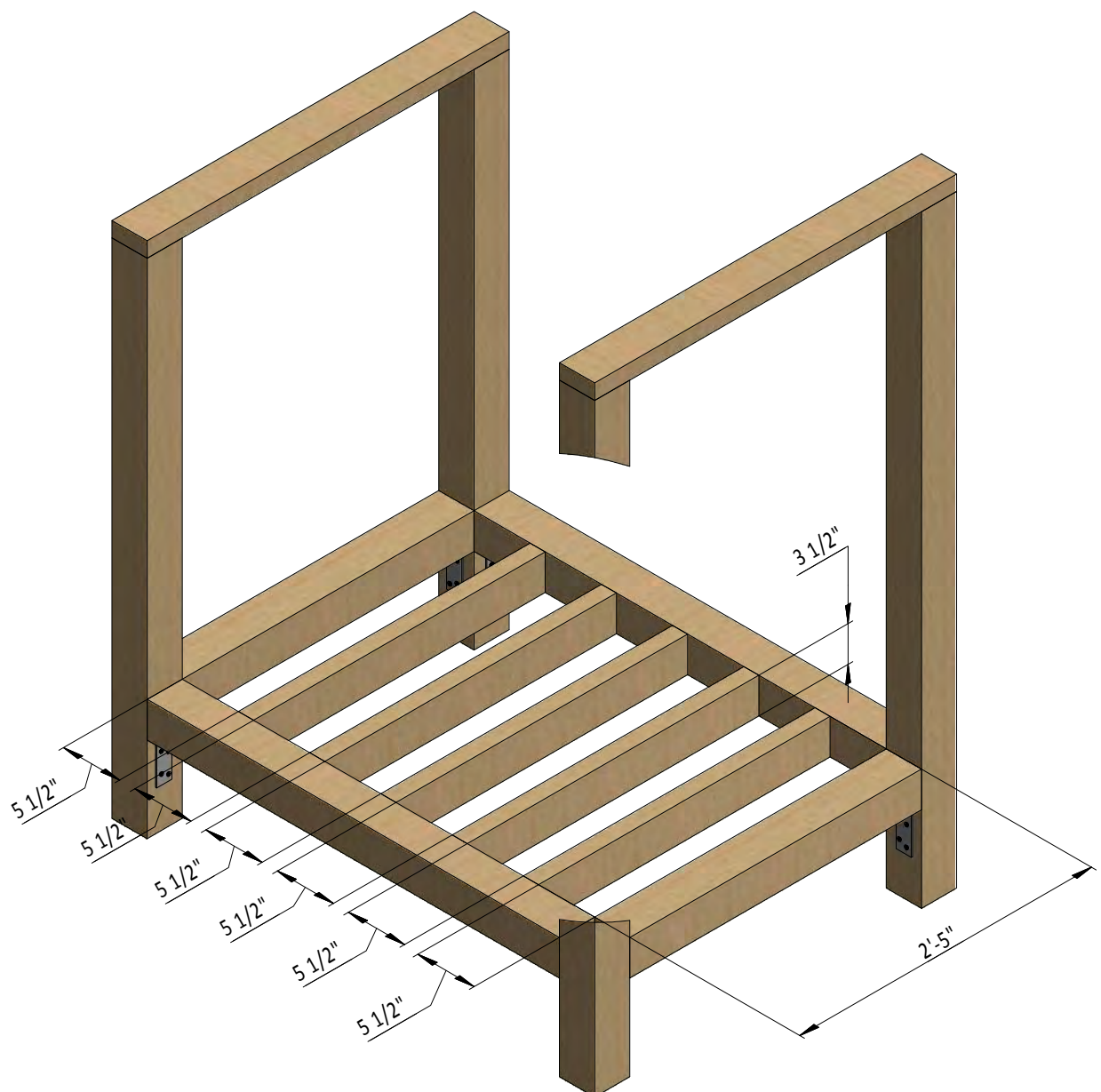


STEP 2

Framing The Floor

2.1 Using 1 1/2 " x 3 1/2 " pressure-treated material, cut five joists using the illustration below as a reference.

2.2 Secure the joists to the bottom frame with 4x5" wood screws.

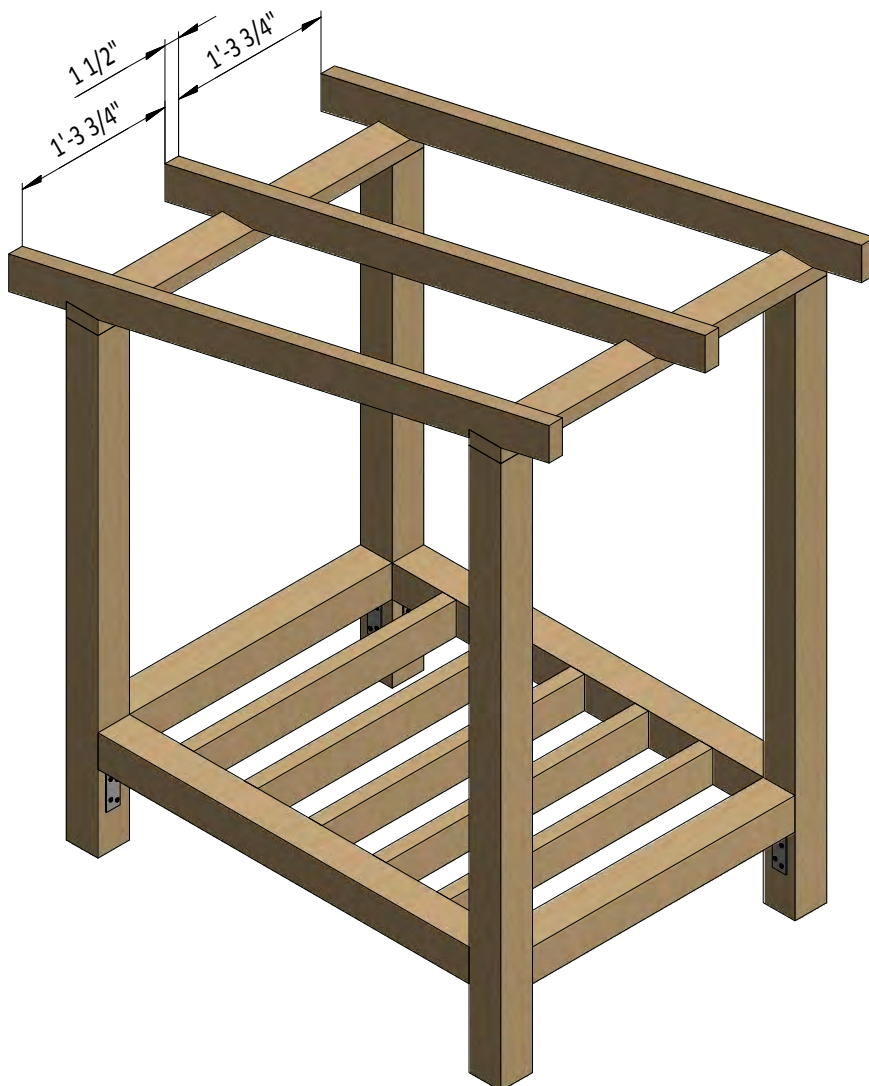
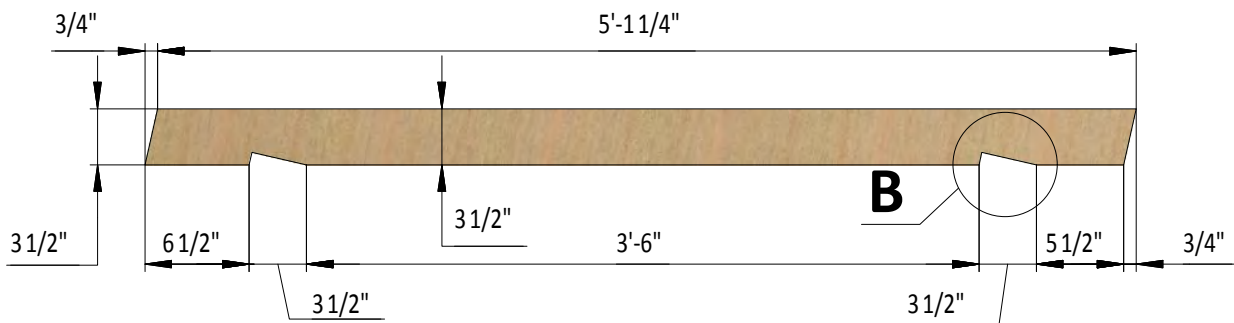


STEP 3

Assemble The Roof Frame

3.1 Prepare 3 rafters with cross-section $1\frac{1}{2}" \times 3\frac{1}{2}"$ (node **B**).

3.2 Connect the beams with $2 \times 3"$ wood screws.

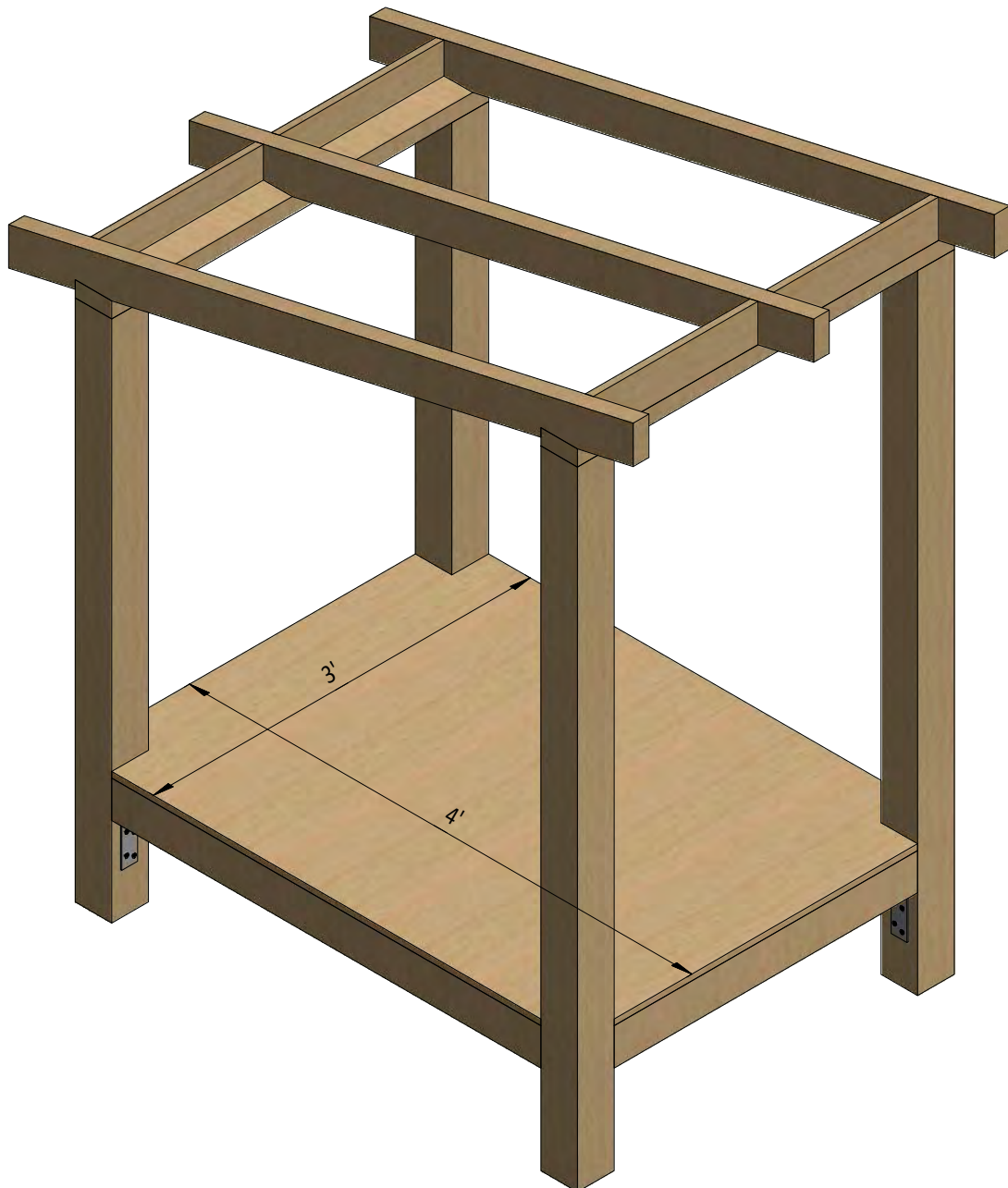


STEP 4

Install Plywood For The Floor

4.1 Prepare the 9/16" plywood for the floor sheathing according to the drawing. Cut the openings for studs.

4.2 Secure the plywood with 2" wood screws.

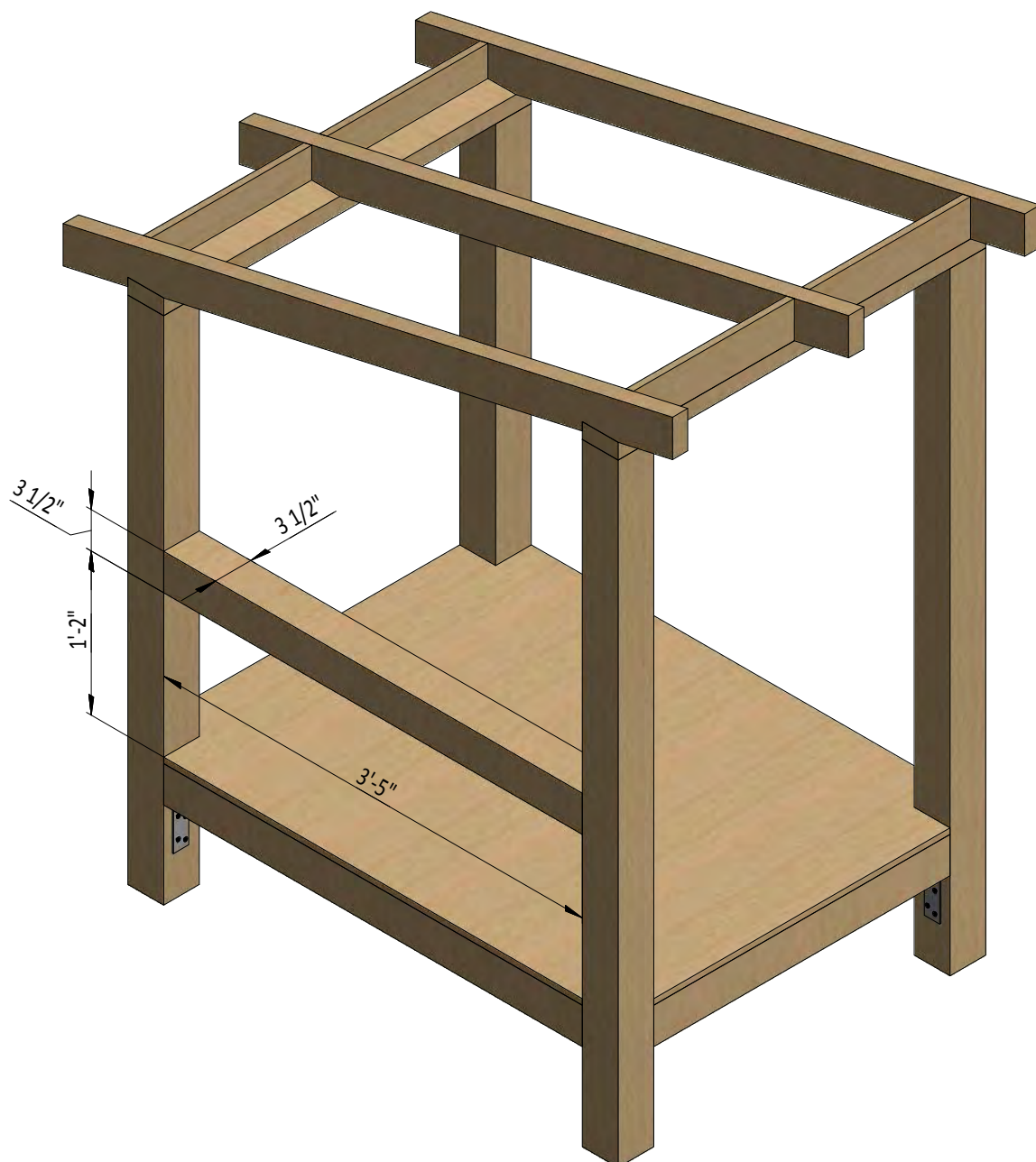


STEP 5

Framing The Left Wall

5.1 Using 3 1/2 " x 3 1/2 " pressure-treated material, cut one joist and attach it using the illustration below as a reference.

5.2 Secure the joist with 4x5" wood screws.



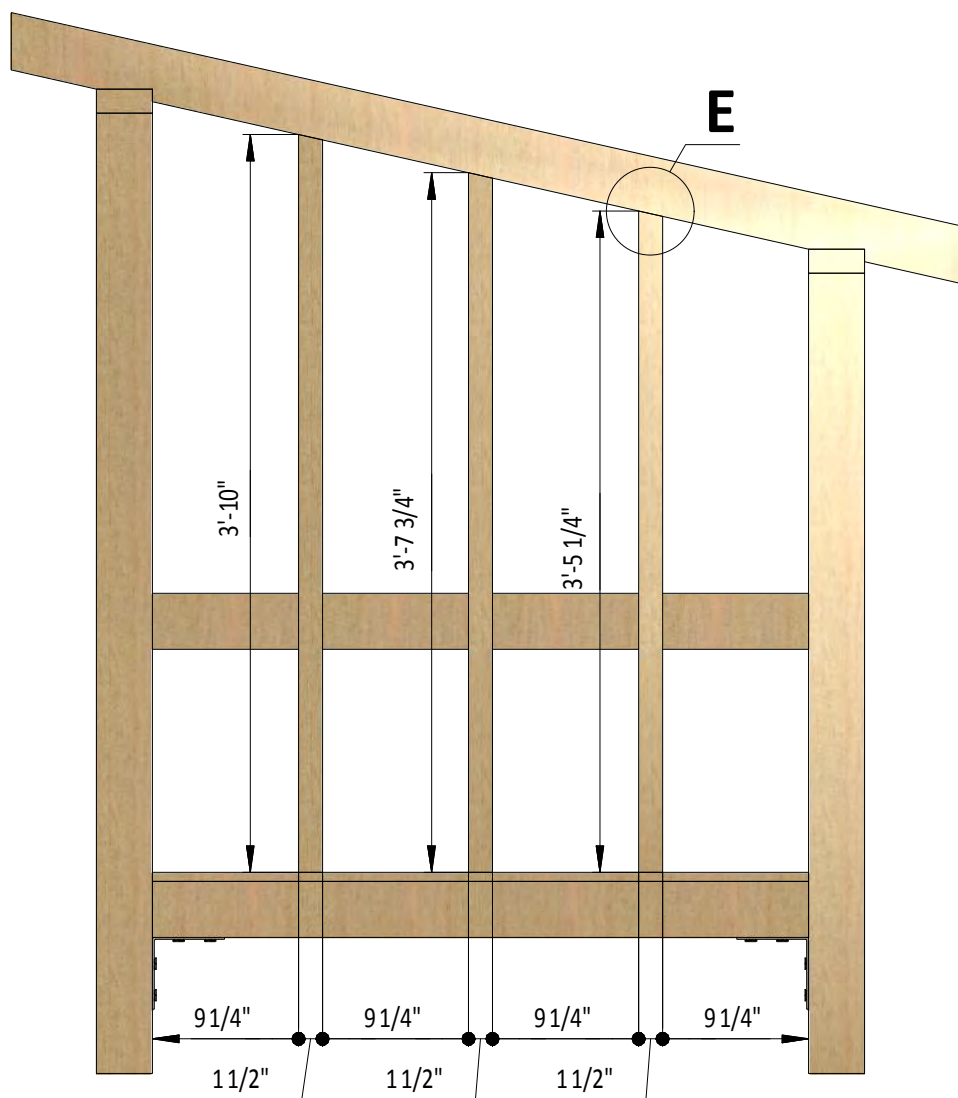
STEP 6

Framing The Right Wall

6.1 Using 1 1/2 " x 3 1/2 " pressure-treated material, cut the three studs and attach them using the illustration below as a reference.

6.2 Cut the top edge of each stud to connect them with rafters (node E).

6.3 Secure the studs with 4x3" wood screws.

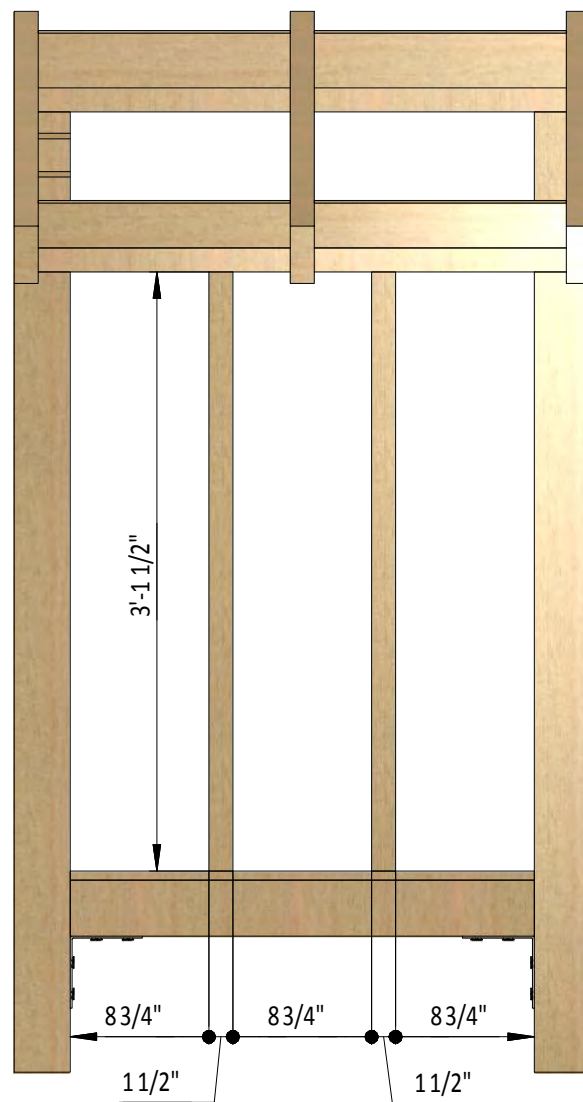


STEP 7

Framing The Back Wall

7.1 Using 1 1/2 " x 3 1/2 " pressure-treated material, cut the two studs and attach them using the illustration below as a reference.

7.2 Secure the studs with 4x5" wood screws.



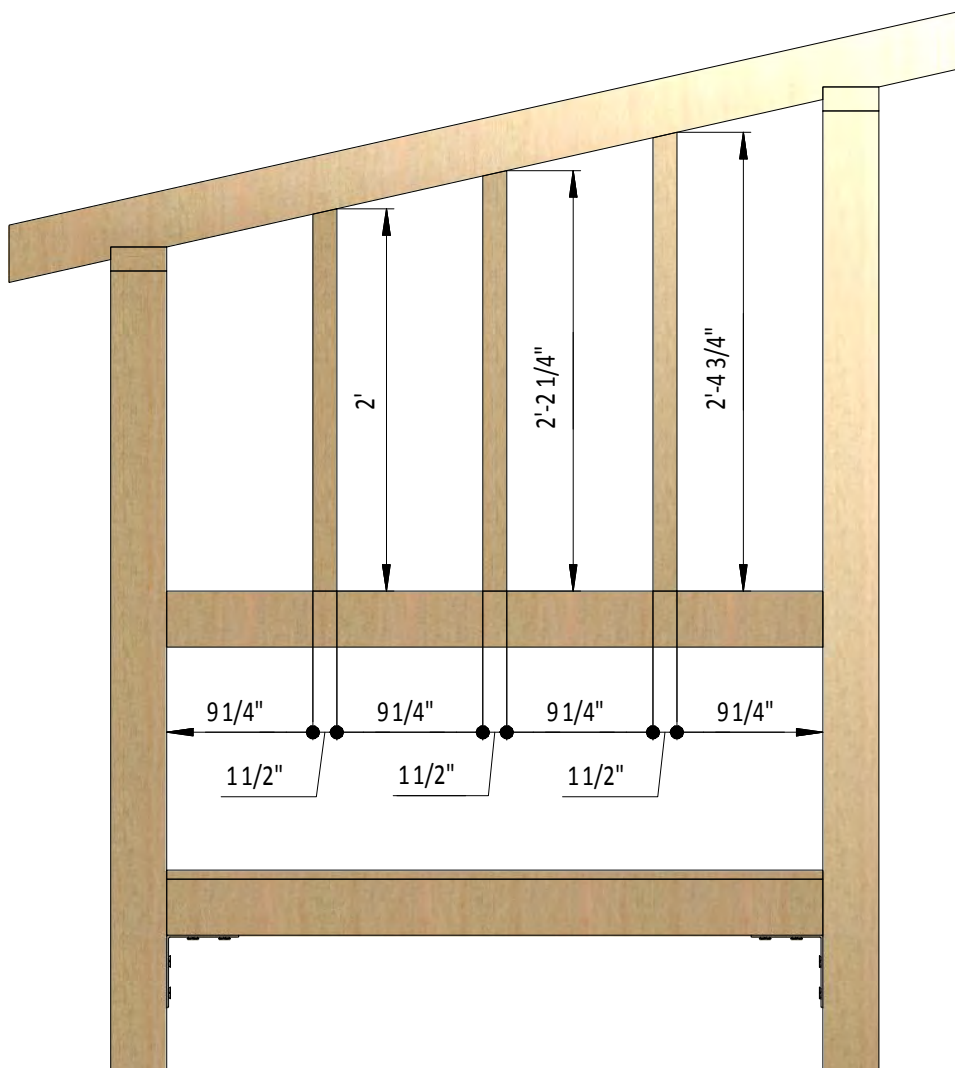
STEP 8

Framing The Left Wall

8.1 Using 1 1/2 " x 3 1/2 " pressure-treated material, cut the three studs and attach them using the illustration below as a reference.

8.2 Cut the top edge of each stud to connect them with rafters.

8.3 Secure the studs with 4x5" wood screws.



STEP 9

Assemble and Install Coop Doors

9.1 Build the door frame for the coop using 1 1/2" x 3 1/2" and 1 1/2" x 1 1/2" pressure-treated material and secure with 5" wood screws.

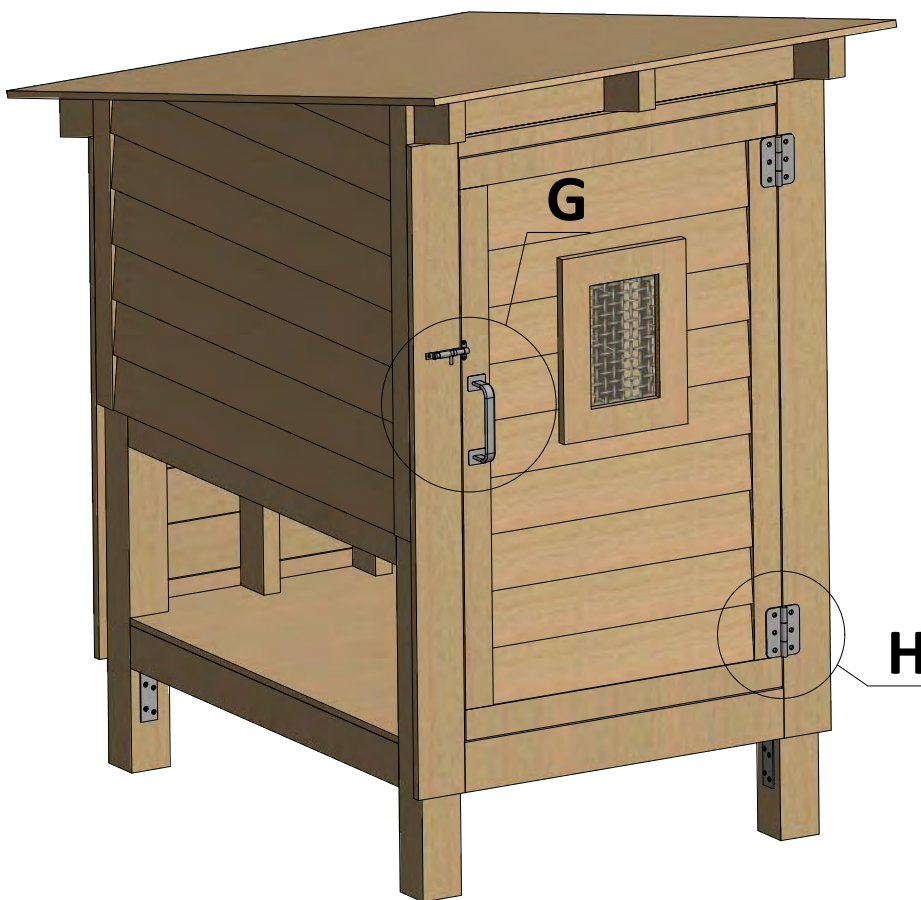
9.2 Use 2 1/2" x 3/4" pressure-treated material for the door trim and fasten with 2" wood screws.

9.3 Using 1/4" x 3/4" pressure-treated material, cut and install a starter courser.

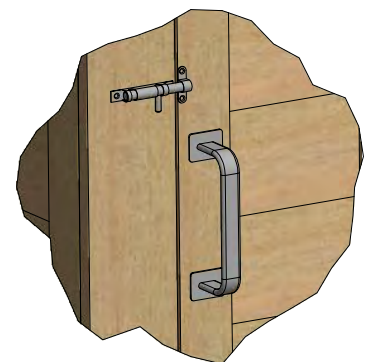
9.4 For the exterior siding on the door, use 1/2" x 6" wood siding boards and the illustration below as a reference.

9.5 Assemble siding shields with 2" galvanized nails.

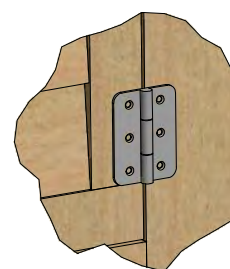
9.6 Install two 3" door hinges using 2x1" wood screws. Finish the door installation by attaching 4" surface bolt and 6" door pull (see nodes **G,H**).



G (1:8)



H (1:8)



STEP 10

Nesting Box Assemble

10.1 Using 1 1/2 " x 2 1/2 " material, assemble the frame for the nesting boxes using the illustration below as a guide. Make sure to take note of the 9° slope needed for the roof of the nesting boxes.

10.2 Cover the top and bottom of the nesting boxes with 9/16" plywood and secure with 2" wood screws.

10.3 Prepare and install starter courser from the pressure-treated lumber with cross section 1/4" x 3/4". Prepare the 1/2" x 6" wood siding boards in the required amount according to the drawing. Cut the shield's top part according to the angle of rafter slope. Assemble siding shields with 2" galvanized nails to the frame beams.

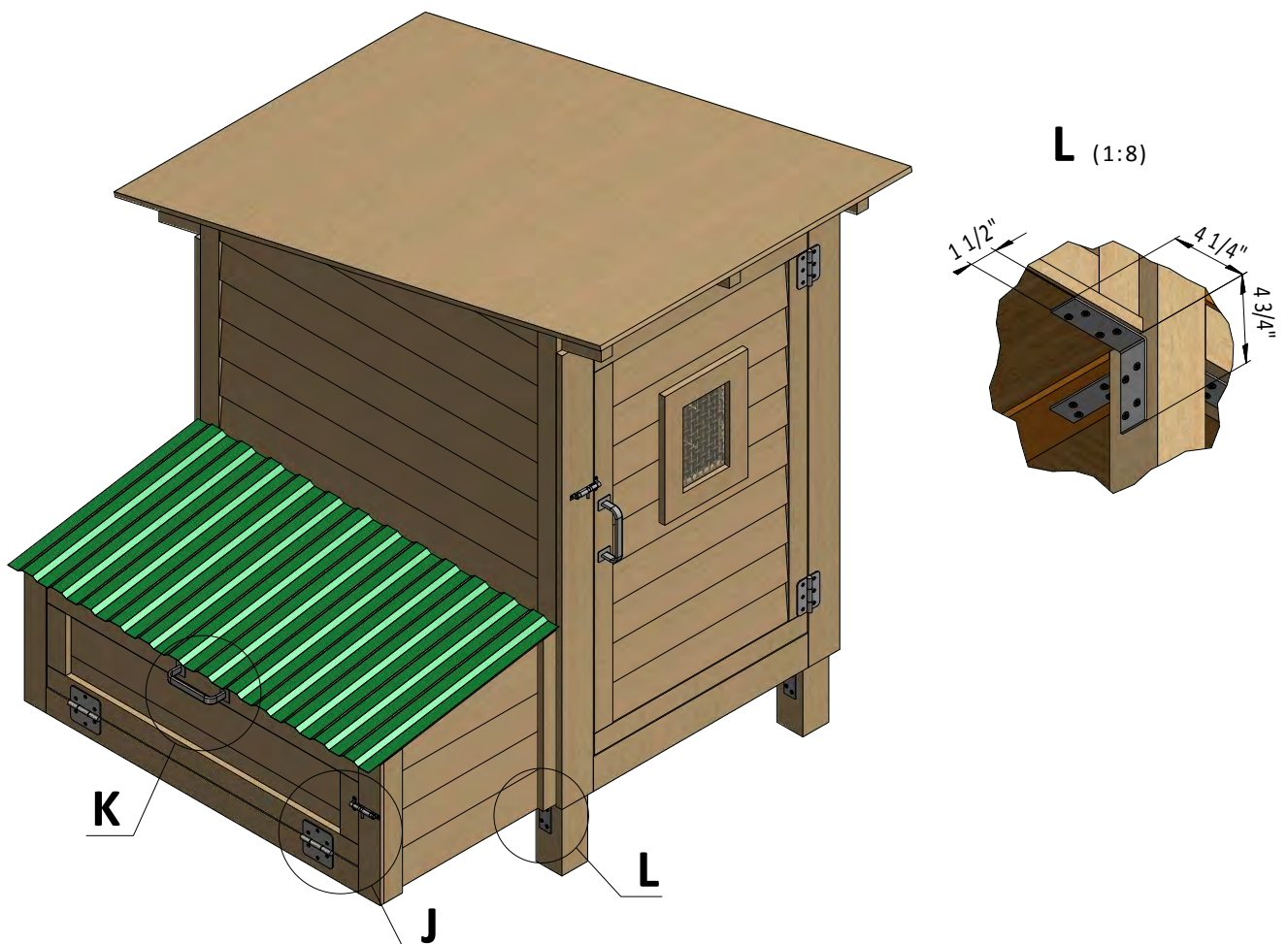
10.4 Prepare wall's trims from the boards with a cross-section of 3/4" x 1"; 3/4" x 2 1/2"; 3/4" x 3". Cut the boards at the required angles along the siding contour for the framing.

10.5 Assemble the door frame using 1 1/2 " x 2 1/2 " material according to the illustration and use the same siding material listed in steps 17.3 and 17.4.

10.6 Install two 3" door hinges using 6x1" wood screws. Finish the door installation by attaching 4" surface bolt and 6" door pull.

10.7 Cover the roof of the nesting boxes with corrugated roof panels and secure with 1 1/2 " sheet metal screws and neoprene washers.

10.8 Install nest box assemblies with the help of two 4 1/2 " x 4 1/2 " x 1 1/2 " corner braces and 1" wood screws. Use Node L as a guide. Connect the box frame and coop's frame by 5" wood screws.

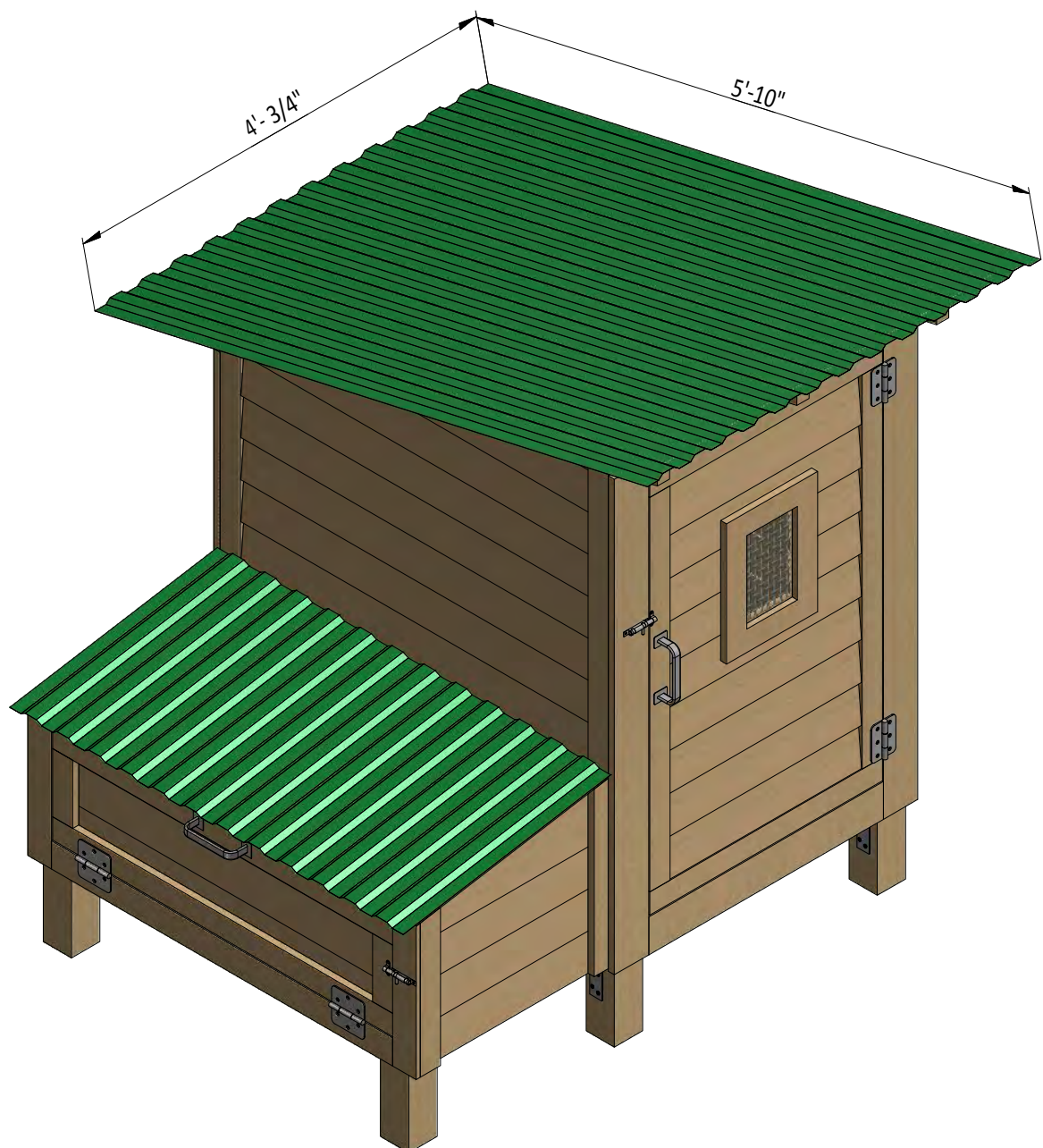


STEP 11

Installing Corrugated Roofing

11.1 You will need 23 Sq. Ft. of corrugated roofing panel to cover your coop.

11.2 Fasten the panel with 1 1/2" sheet metal screw with neoprene washer.



STEP 12

Coop's Roost Assembly

12.1 Using 1 1/2 " x 2 1/2 " pressure-treated material, make the roost frame using the illustration below as a guide and secure with 3" wood screws.

12.2 For the stairs, you will need 1 1/2 " x 1 1/2 " pressure-treated material. Using the illustration as a reference, secure the stairs with 2" wood screws.



STEP 13

Final touches

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 Free vs. Premium plan

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Pages	18	33
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	✗	✓

TRY PREMIUM



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