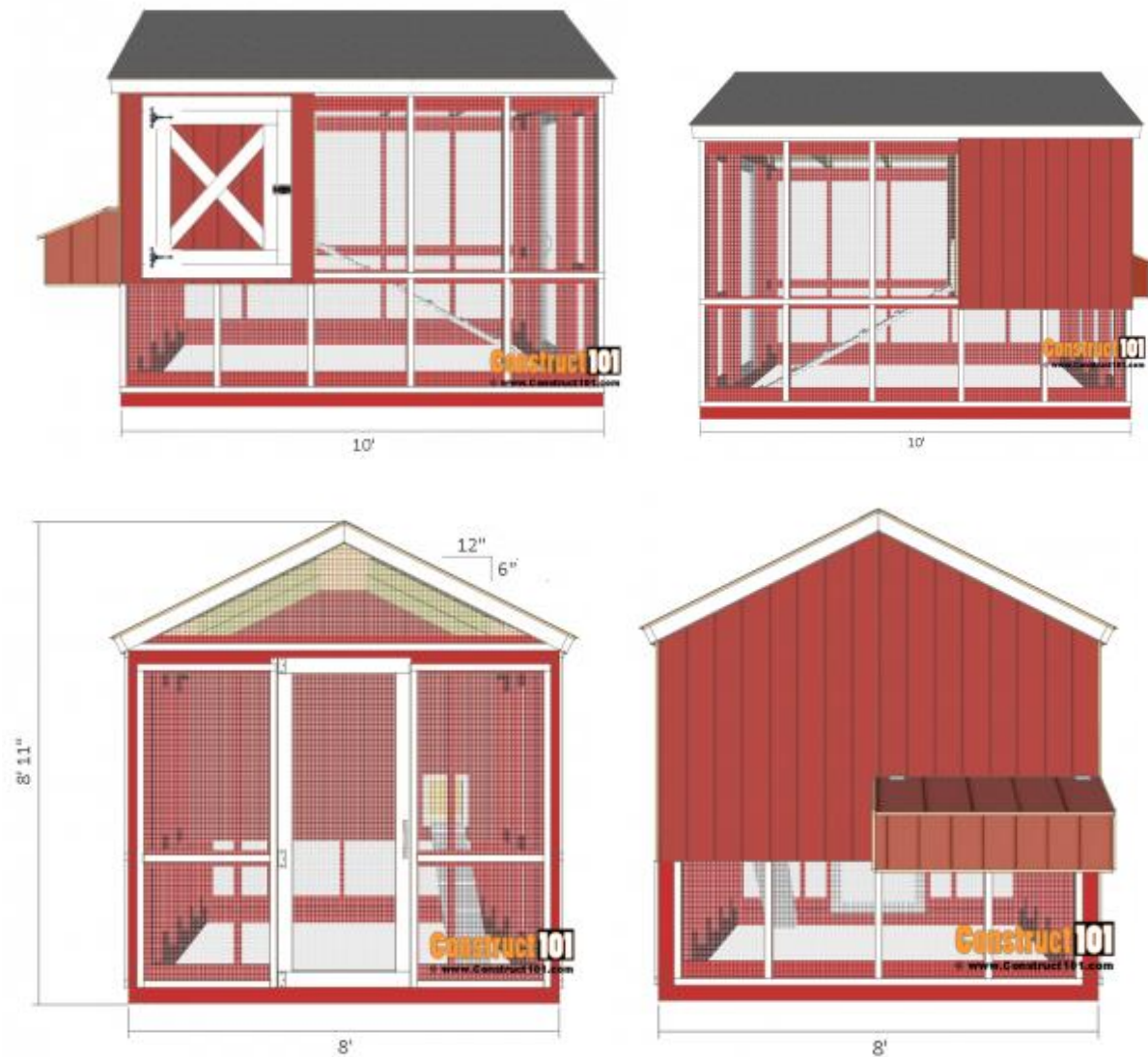




8x10 Chicken Coop Plans

Overview

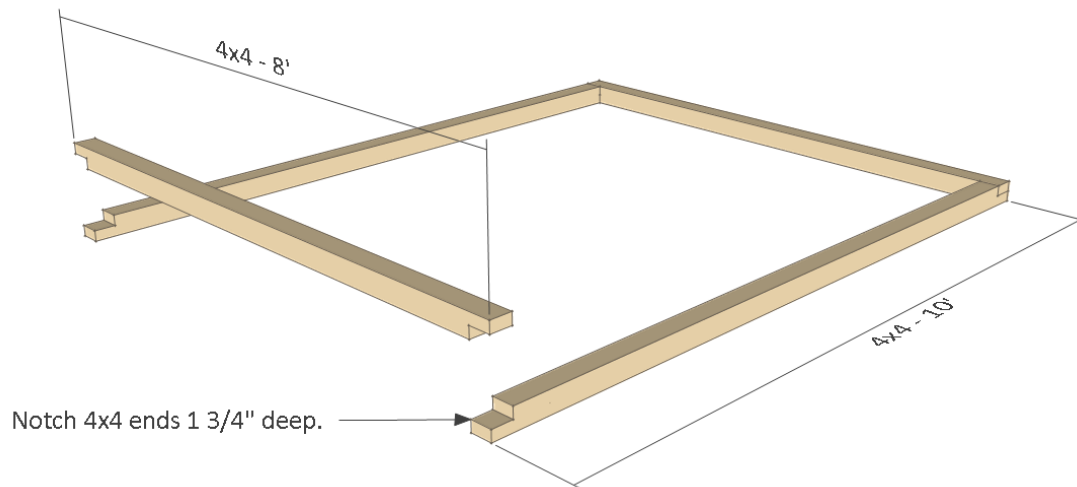


Material List

Shopping List	Cutting List
Floor Frame 2 – 4x4 – 8' 2 – 4x4 – 10' Front Wall 5 – 2x4 – 10' 3 – 2x4 – 12' 2 – 2x4 – 8' Back Wall Frame 5 – 2x4 – 10' 3 – 2x4 – 12' 1 – 2x4 – 8' Right Wall Frame 2 – 2x4 – 8' 3 – 2x4 – 12' 2 – 2x4 – 8' Left Wall 8 – 2x4 – 8' 2 – 2x4 – 12' Roof – Rafter/Truss 6 – 2x4 – 10' 6 – 2x4 – 8' 4 – 1/2" Plywood – 4'x8' sheet Floor Deck 4 – 2x4 – 8' 1 – 3/4" Plywood – 4'x8' sheet Inside Wall Frame 5 – 2x4 – 8' Nest Box Material for nest box not included (see "nest box plans") Siding – Wire Mesh – Roof Trim Wire Mesh 5 – T1-11 Exterior Siding – 4'x8' sheet 2 – 2x4 – 10' 2 – 2x4 – 12' Front Door 5 – 1x4 – 8' Right Side Door 3 – 2x4 – 8' Trim 24 – 1x2 – 8'	Floor Frame 2 – 4x4 – 8' 2 – 4x4 – 10' Front Wall 5 – 2x4 – 10' 6 – 2x4 – 6' 1 – 2x4 – 3' 9" 2 – 2x4 – 3' 5 1/2" Back Wall Frame 5 – 2x4 – 10' 6 – 2x4 – 6' 2 – 2x4 – 1' 9 3/4" Right Wall Frame 2 – 2x4 – 7' 5" 6 – 2x4 – 6' 6 – 2x4 – 2' 5 1/2" Left Wall 5 – 2x4 – 7' 5" 5 – 2x4 – 6' 1 – 2x4 – 1' 6 1/4" 1 – 2x4 – 1' 10 1/2" 2 – 2x4 – 3' 6 1/4" Roof – Rafter/Truss 12 – 2x4 – 4' 7 3/8" (26.5 degree angle cut on one end) 6 – 2x4 – 8' (63.5 degree angle cut on both ends in opposite direction) 4 – 1/2" Plywood – 4'x8' sheet (cut to size) Floor Deck 3 – 2x4 – 7' 9" 1 – 2x4 – 7' 5" 1 – 3/4" Plywood – 4'x8' sheet (cut to size) Inside Wall Frame 2 – 2x4 – 7' 5" 5 – 2x4 – 3' 4 3/4" 1 – 2x4 – 1' 6 1/4" 1 – 2x4 – 1' Nest Box (see "nest box plans") Siding – Wire Mesh – Roof Trim Wire Mesh (cut to size) 5 – T1-11 Exterior Siding – 4'x8' sheet (cut to size)

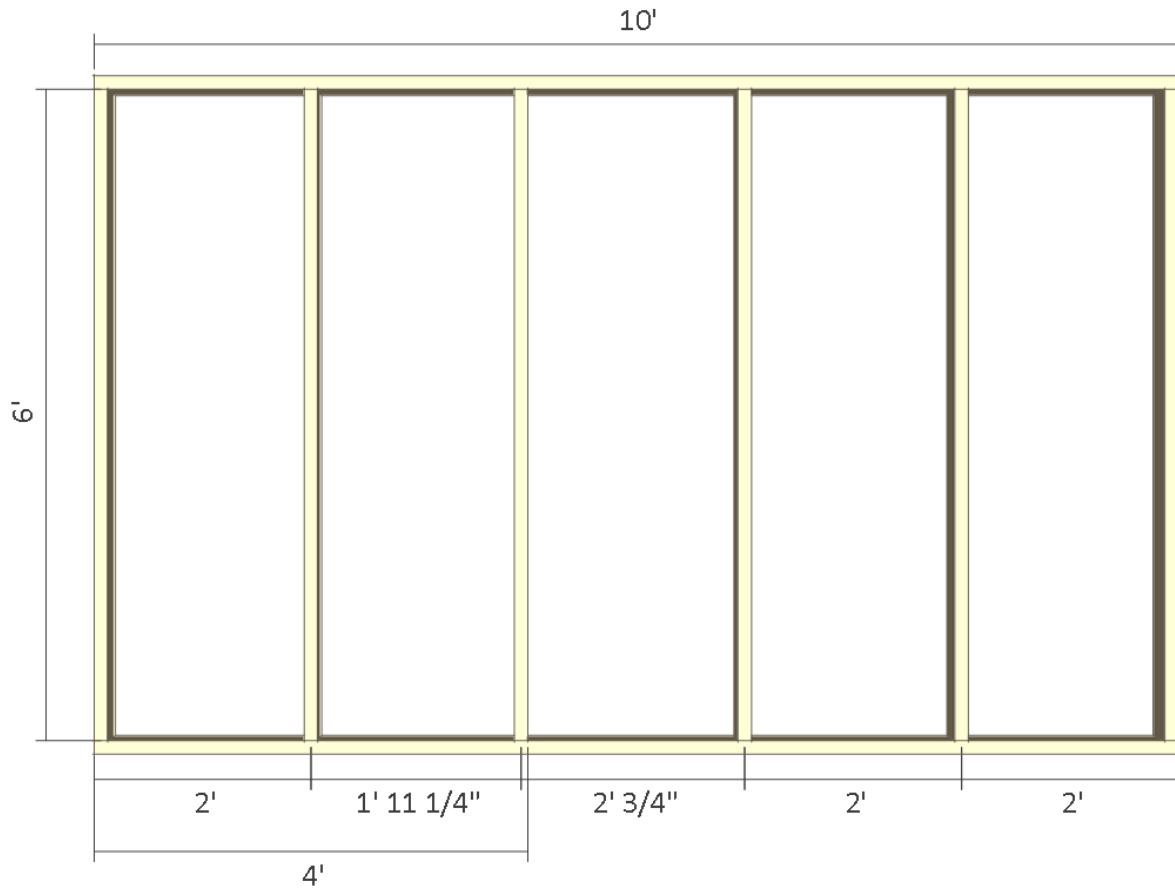
Hardware 3" deck screws 3 1/2" galvanized nails 1 1/2" galvanized nails 2" galvanized nails staples 1 1/4" galvanized finishing nails 3" galvanized finishing nails 4 – door hinge 2 – door handle 2 – door latch Shingle roofing felt drip edge roof tacks roofing felt staples	4 – 2×4 – 4' 7 3/8" (26.5 degree angle cut on one end) 2 – 2×4 – 12' (cut to size) Front Door 5 – 1×4 – 8' (cut to size) Right Side Door 2 – 2×4 – 6' 1 1/2" 2 – 2×4 – 2' 6" Trim 24 – 1×2 – 8' (cut to size)
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Floor Frame

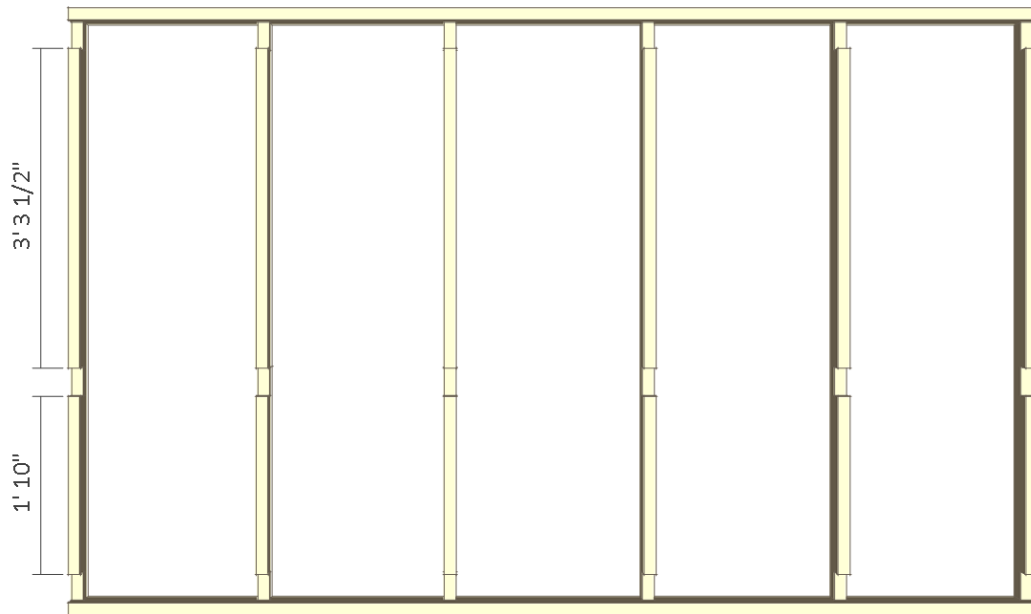


Cut two 4x4's to 8' long. Cut two 4x4's to 10' long. Notch the ends 1 3/4" deep. Assemble using 3" deck screws.

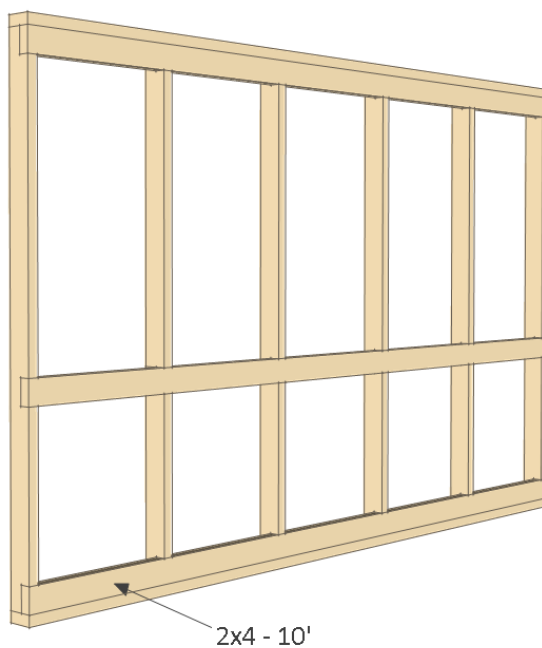
Front Wall



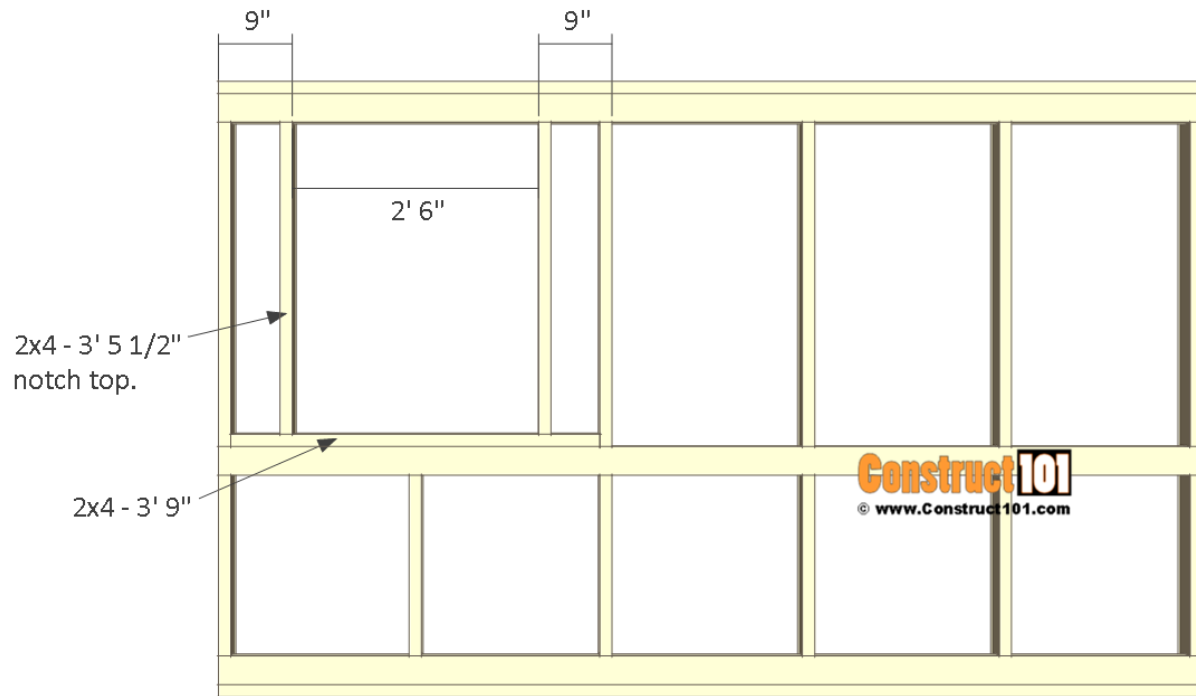
Cut two 2×4's to 10' long. Cut six 2×4's to 6' long. Assemble as shown on illustration above using 3 1/2 nails.



Notch the wall studs 3 1/2" x 1 1/2" deep as shown on illustration above.

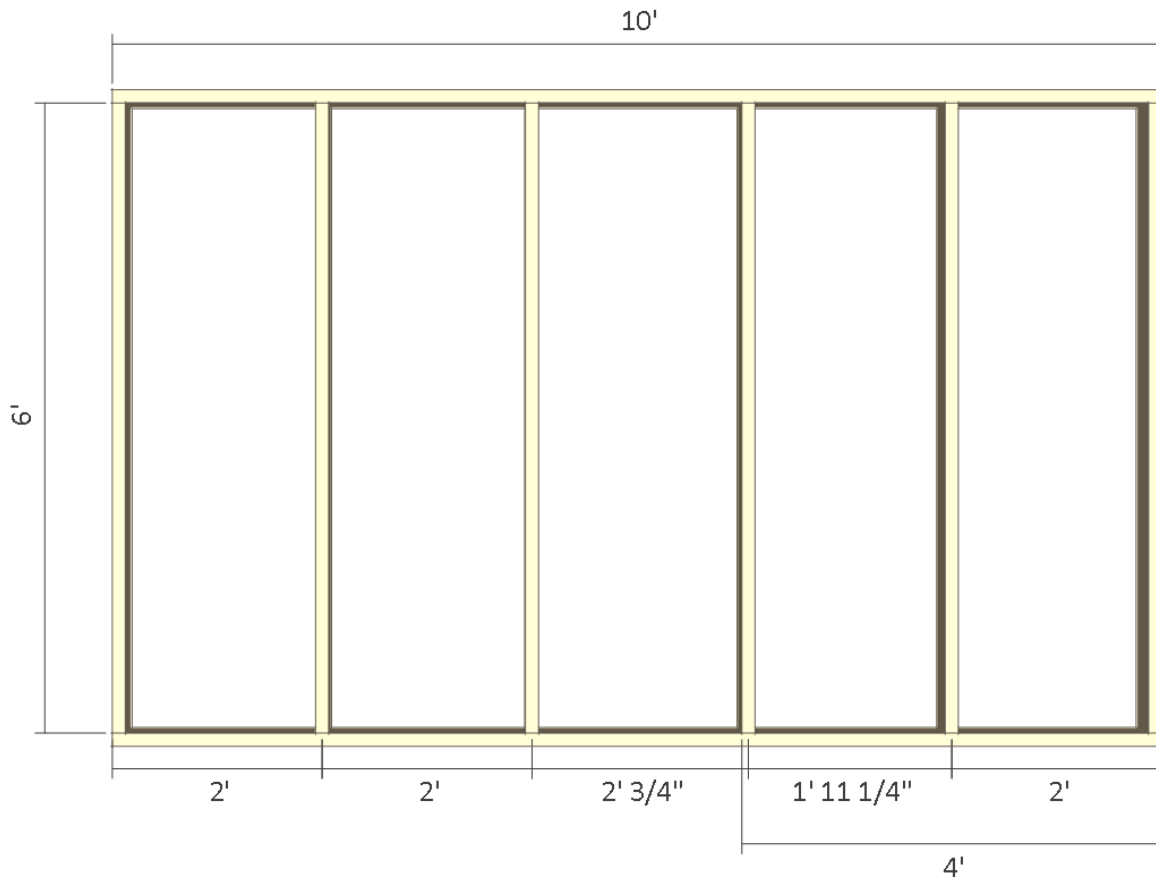


Cut three 2x4's to 10' long. Assemble as shown on illustration above using 3" deck screws.

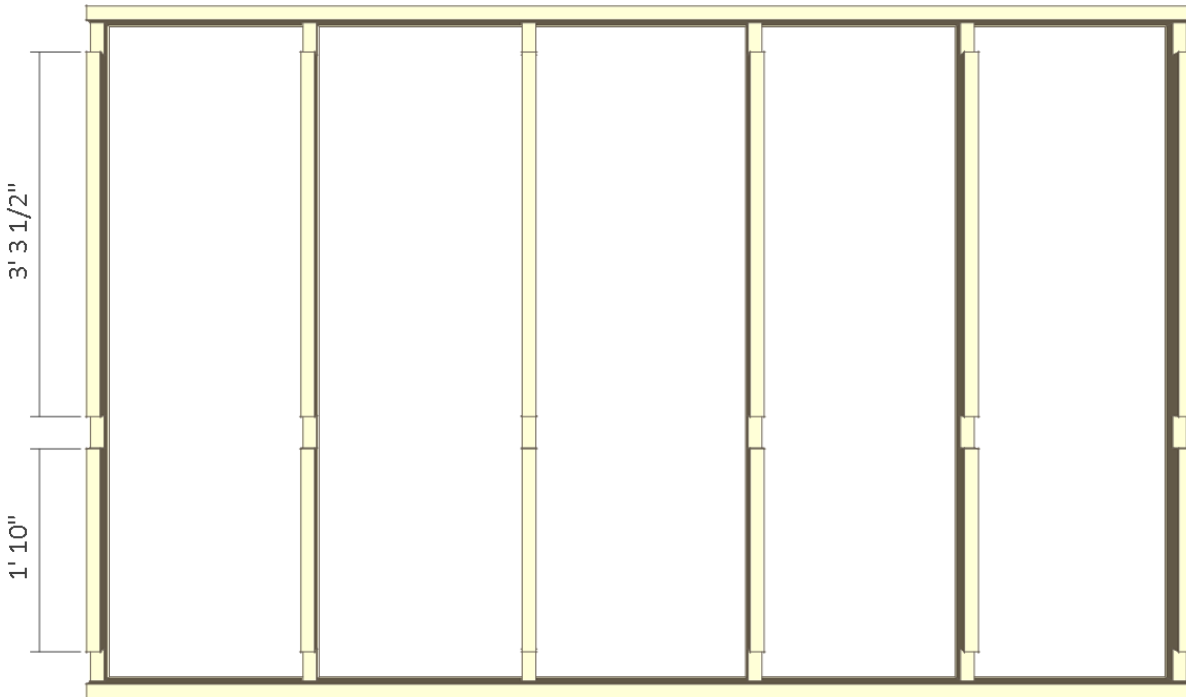


Frame the front door opening as shown on illustration above. Cut one 2x4 to 3' 9" long. Cut two 2x4's to 3' 5 1/2" long, notch the top end around 2x4, assemble using 3 1/2" nails.

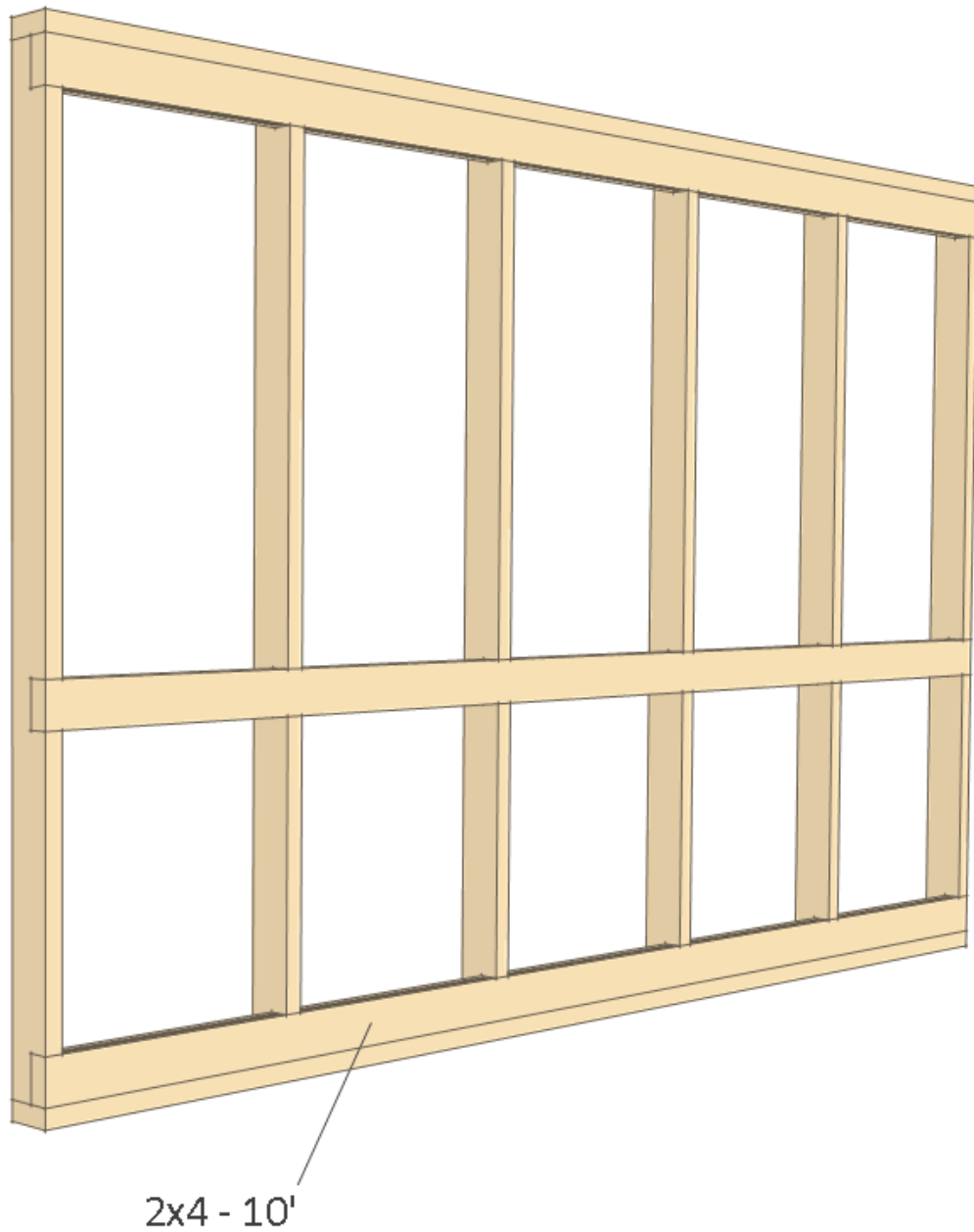
Back Wall Frame



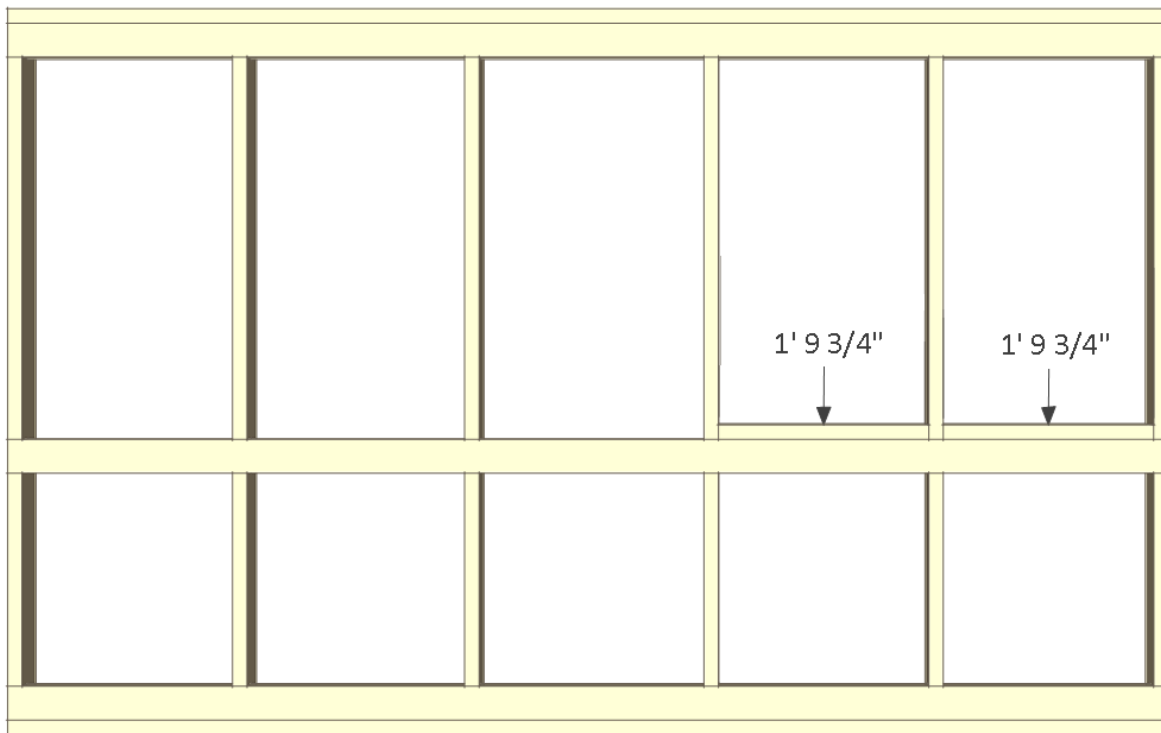
Cut two 2×4's to 10' long. Cut six 2×4's to 6' long. Assemble as shown on illustration above using 3 1/2 nails.



Notch the wall studs 3 1/2" x 1 1/2" deep as shown on illustration above.

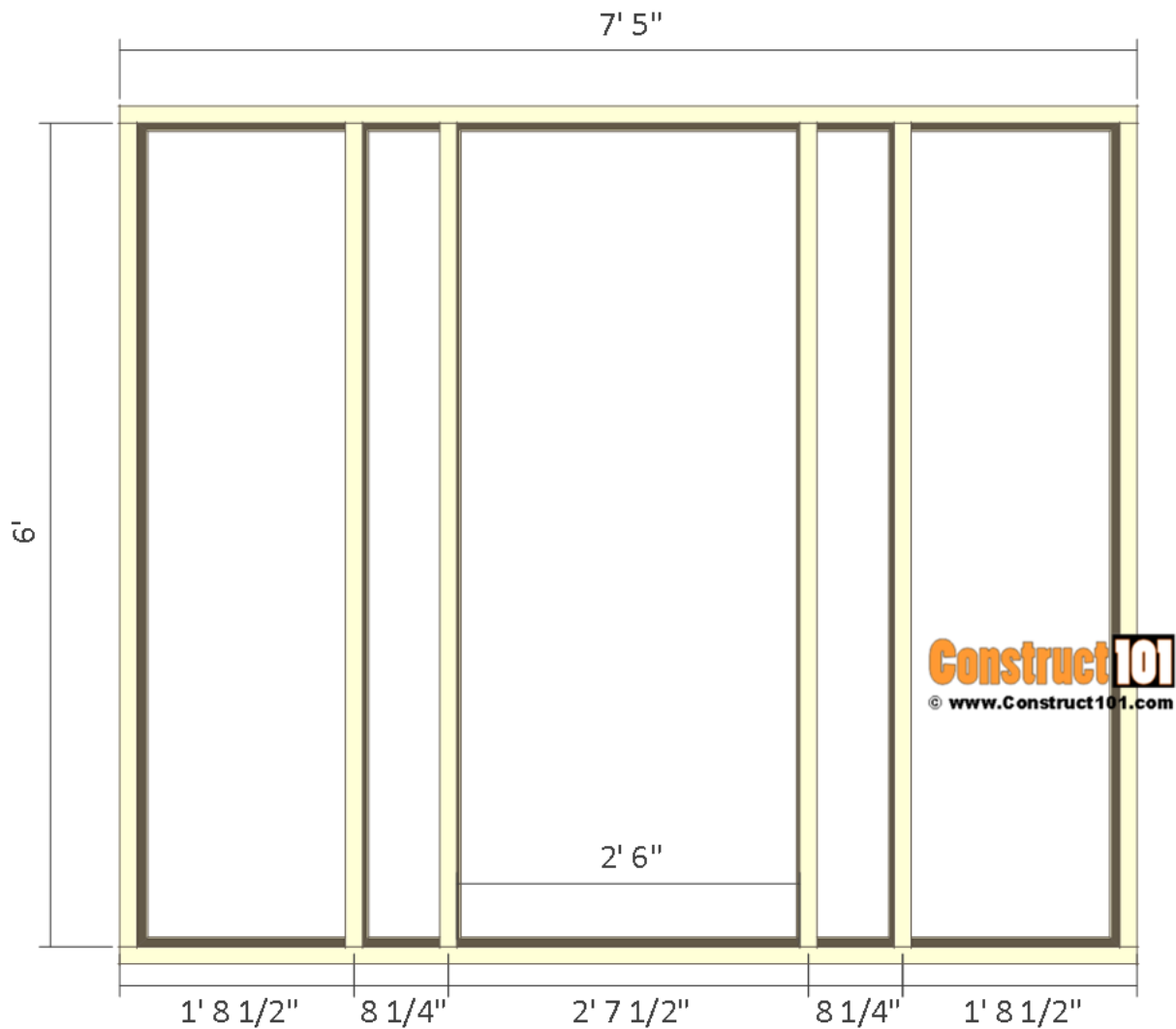


Cut three 2x4's to 10' long. Assemble as shown on illustration above using 3" deck screws.

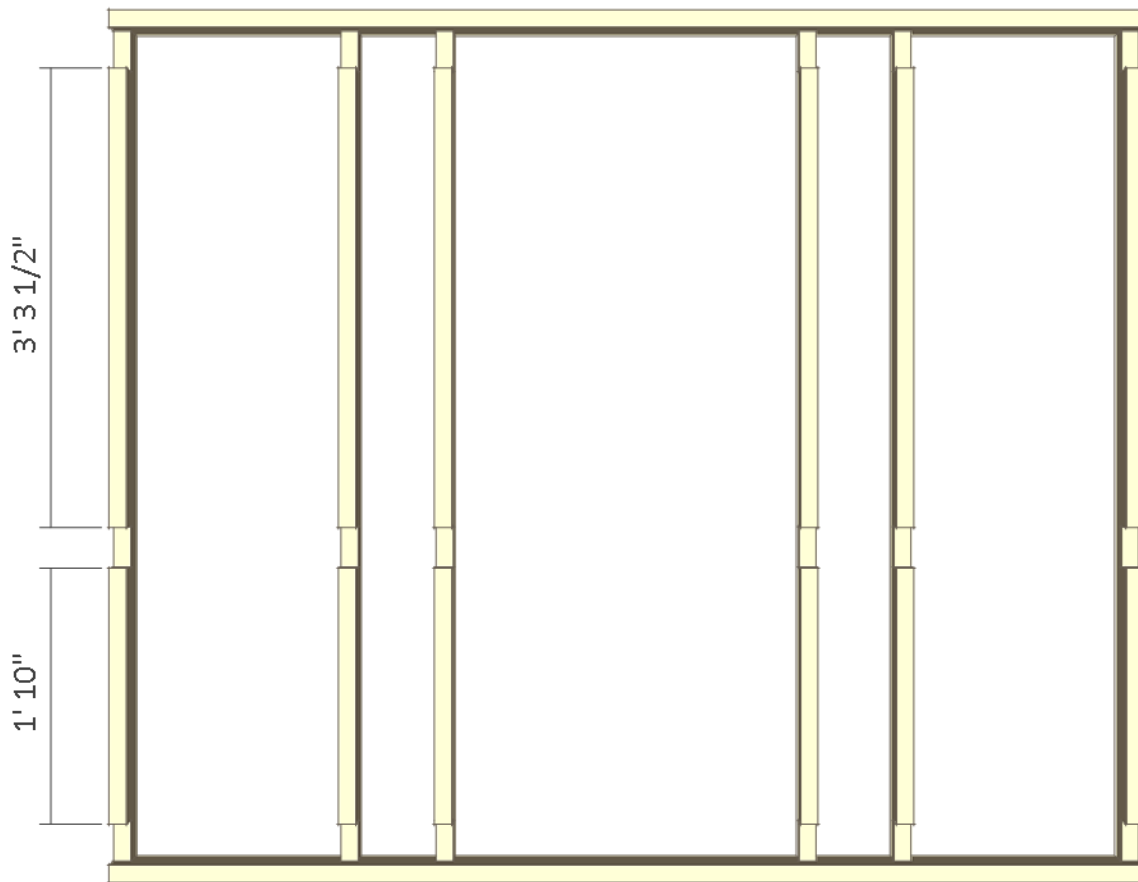


Cut two 2×4's to 1' 9 3/4" long, assemble as shown on illustration above using 3 1/2" nails.

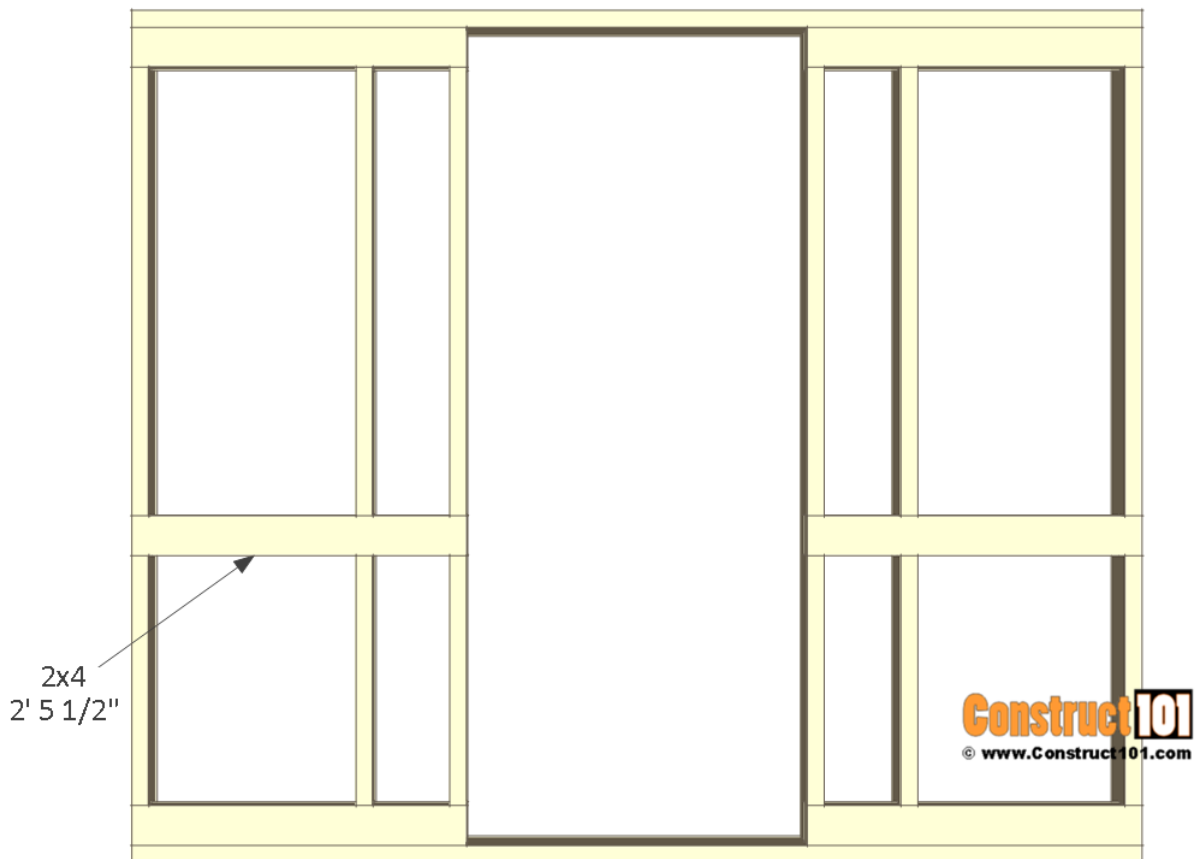
Right Wall Frame



Cut two 2×4's to 7' 5" long. Cut six 2×4's to 6' long. Assemble as shown on illustration above using 3 1/2" nails.

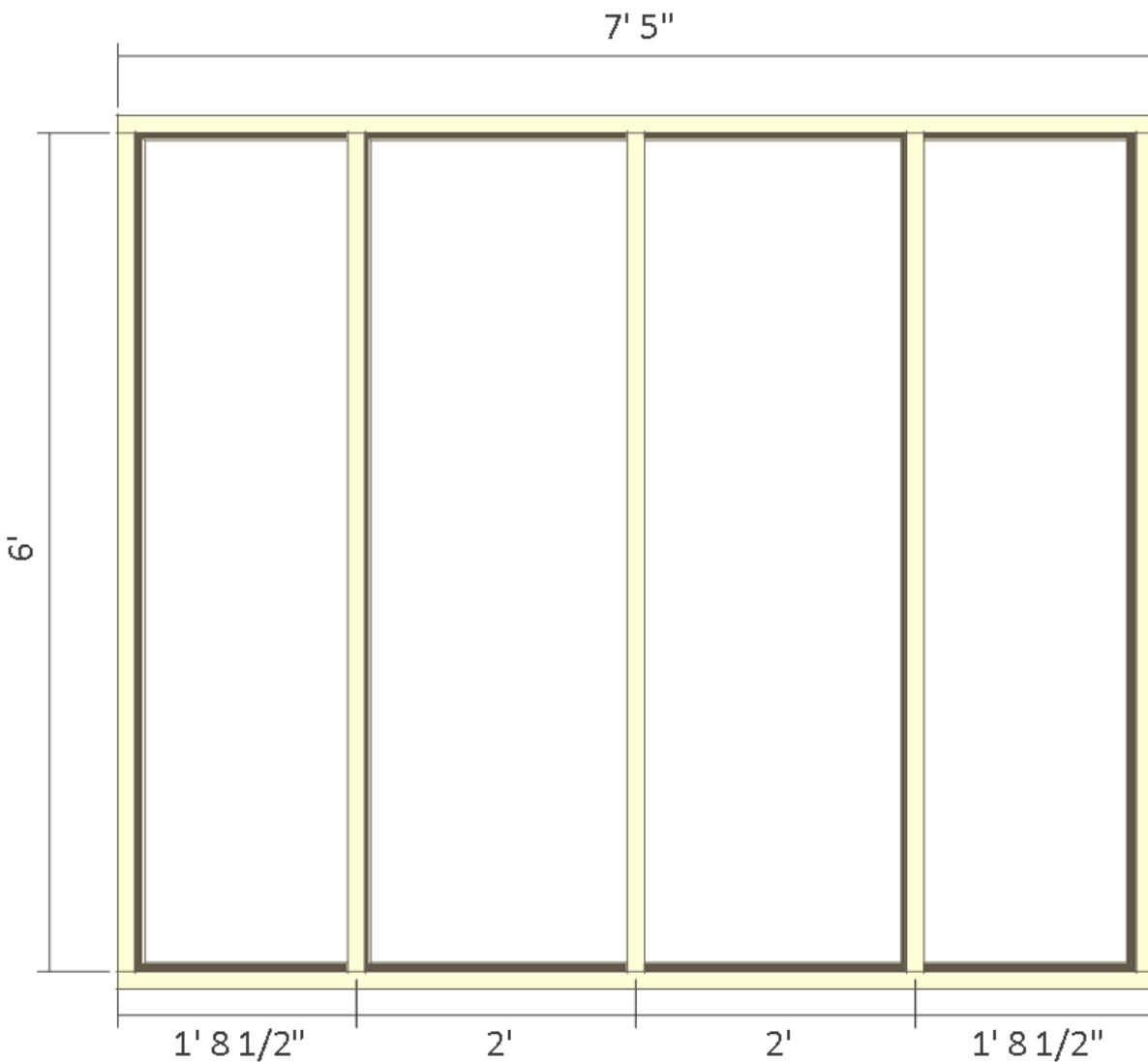


Notch the wall studs 3 1/2" x 1 1/2" deep as shown on illustration above.

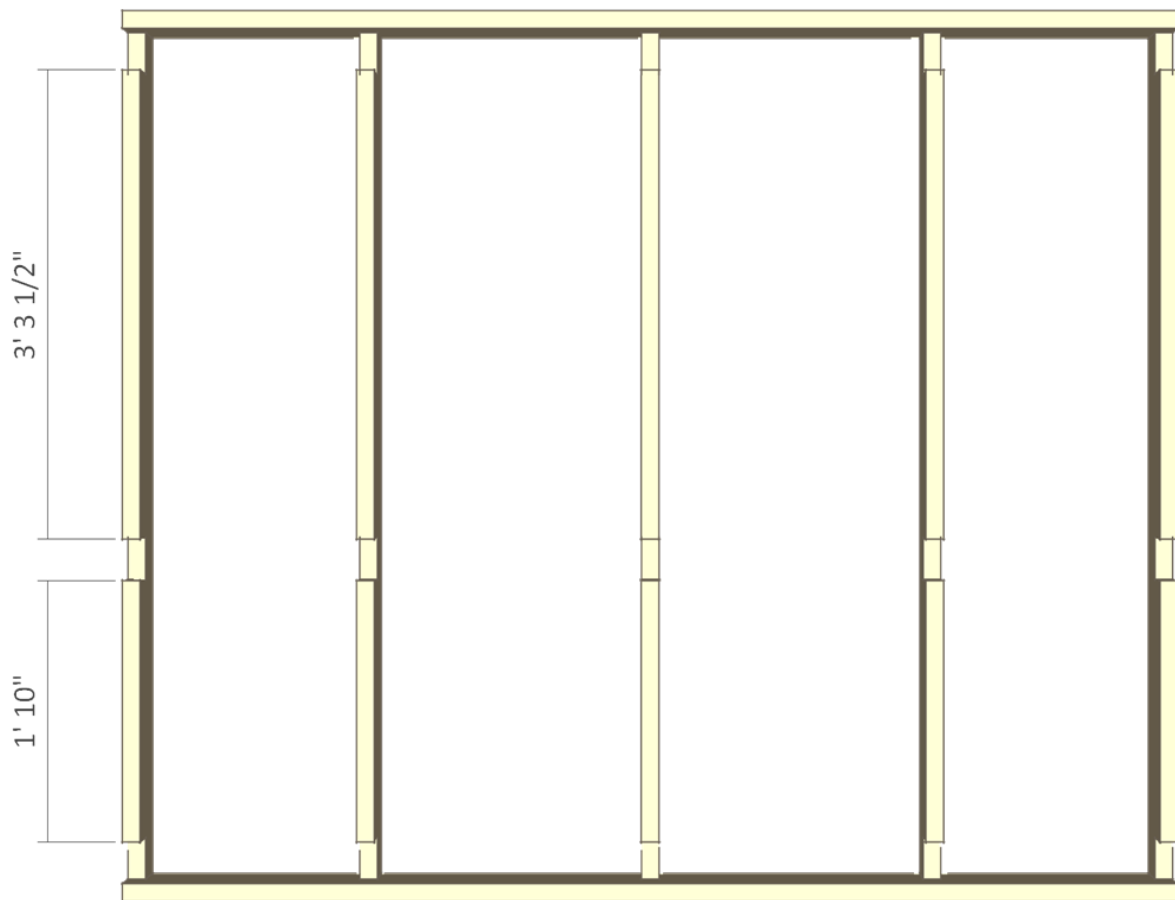


Cut six 2x4's to 2' 5 1/2" long. Assemble as shown on illustration above using 3" deck screws.

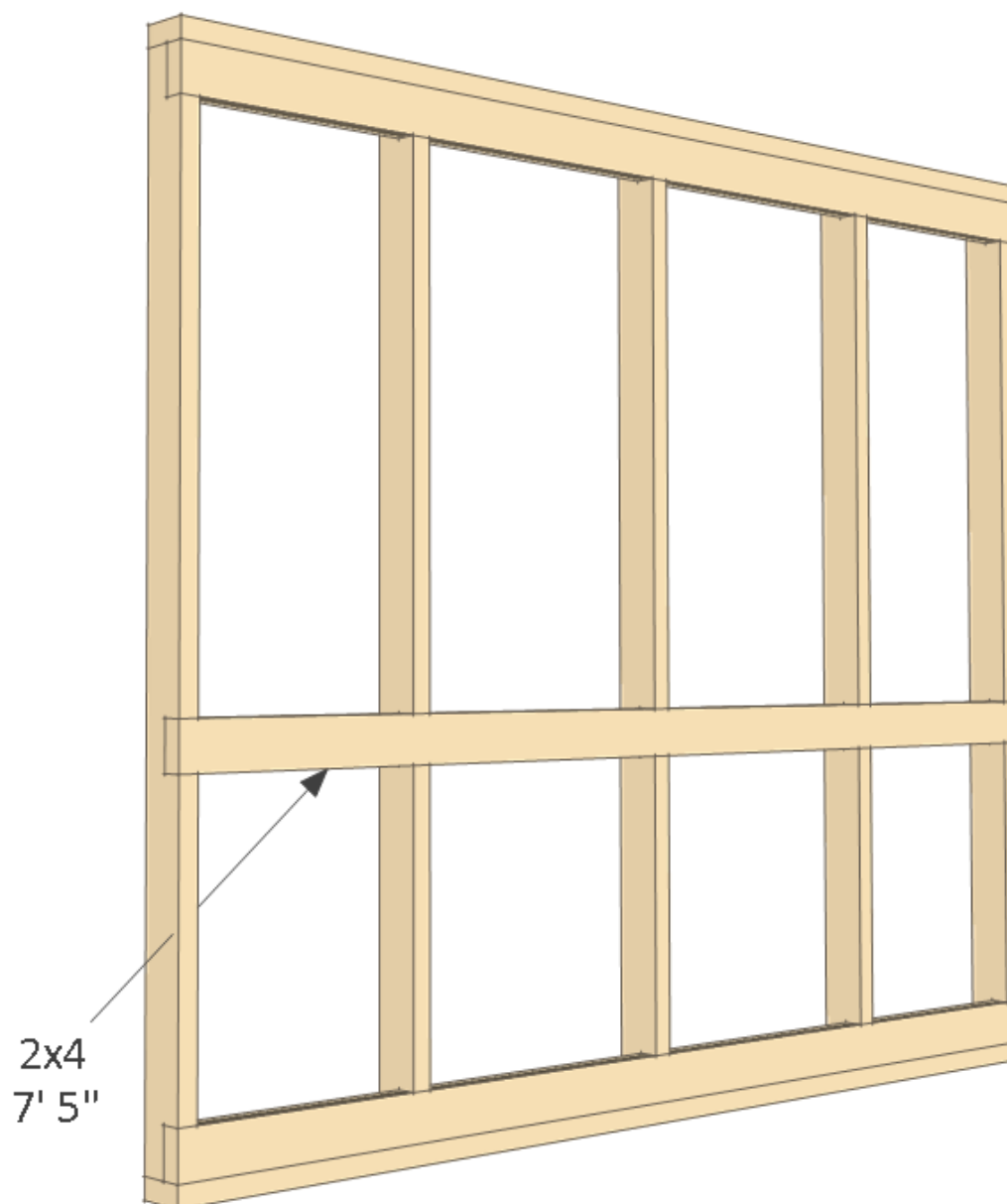
Left Wall Frame



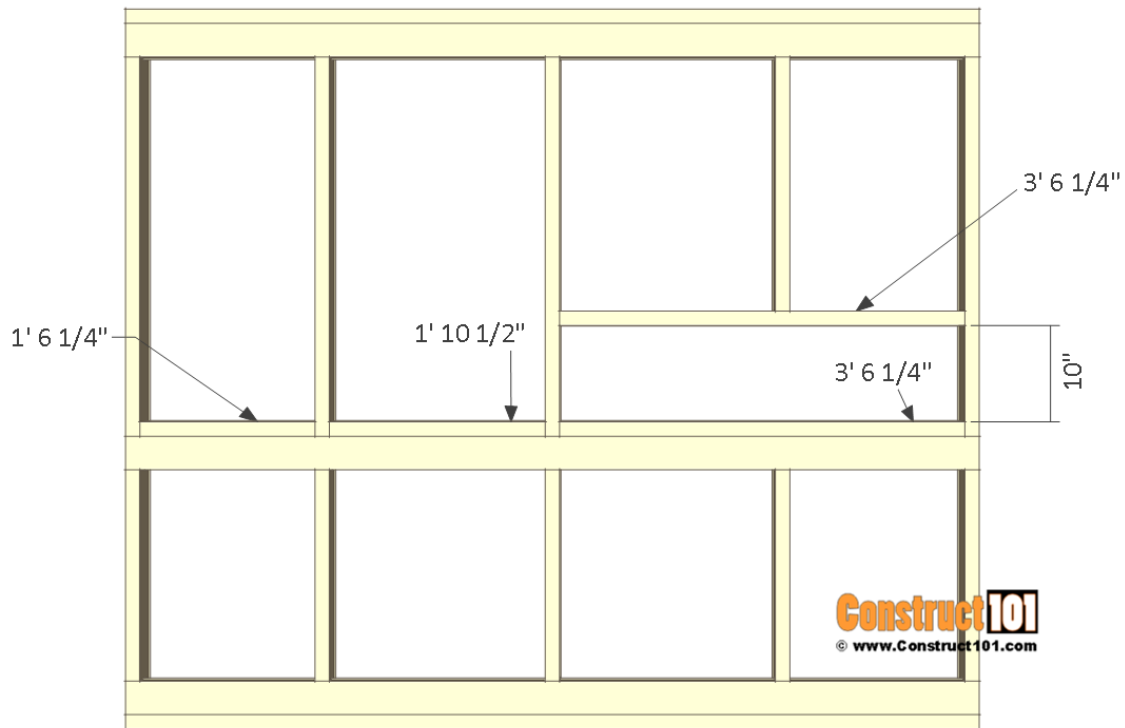
Cut two 2x4's to 7' 5" long. Cut five 2x4's to 6' long. Assemble as shown on illustration above using 3 1/2" nails.



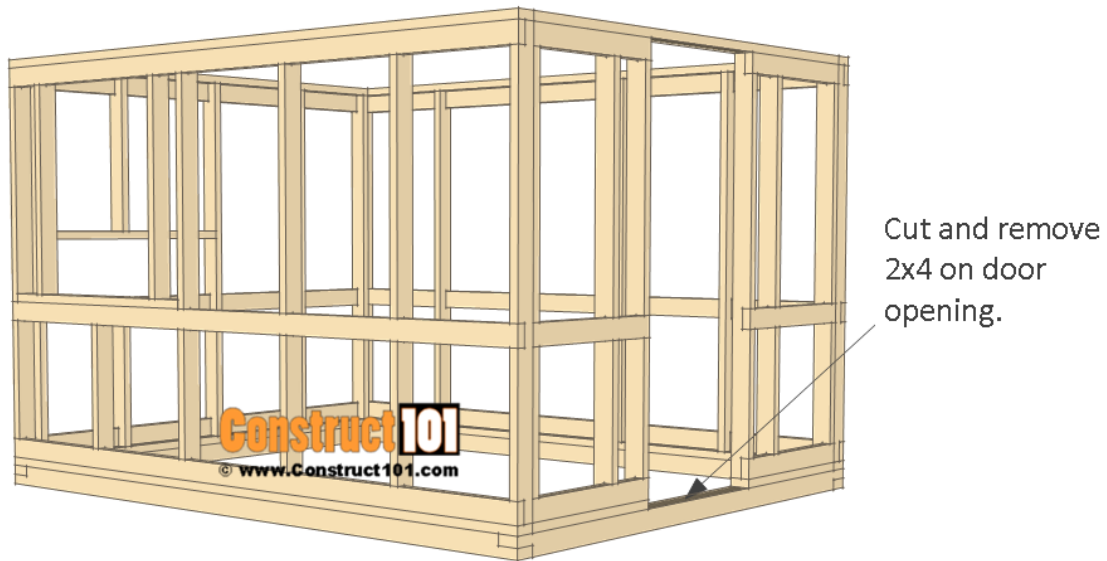
Notch the wall studs 3 1/2" x 1 1/2" deep as shown on illustration above.



Cut three 2x4's to 7' 5" long. Assemble as shown on illustration above using 3" deck screws.

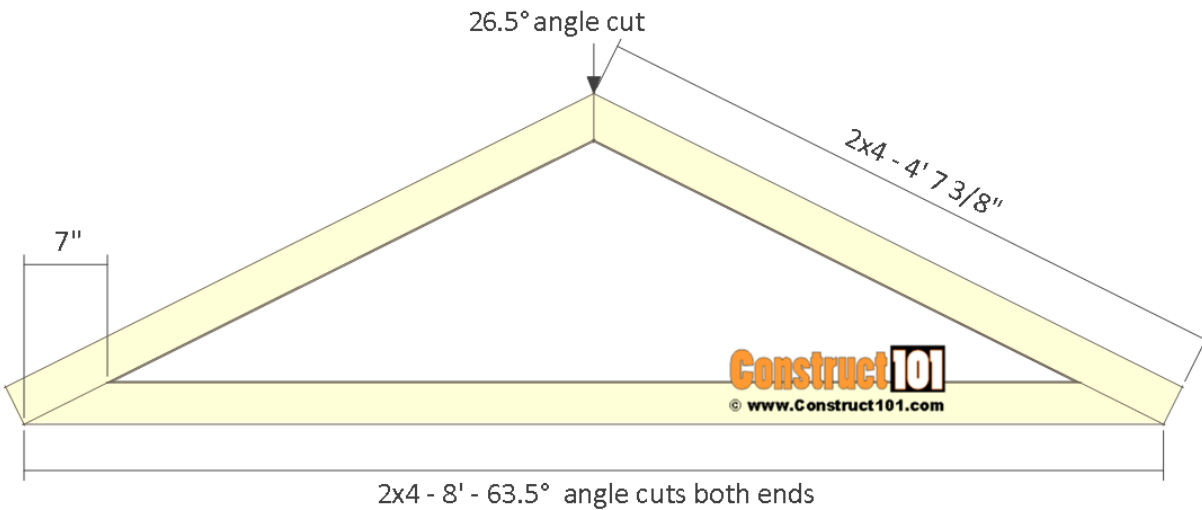


Cut one 2x4 to 1' 6 1/4" long. Cut one 2x4 to 1' 10 1/2" long. Cut two 2x4's to 3' 6 1/4" long. Assemble as shown on illustration above using 3 1/2" nails.

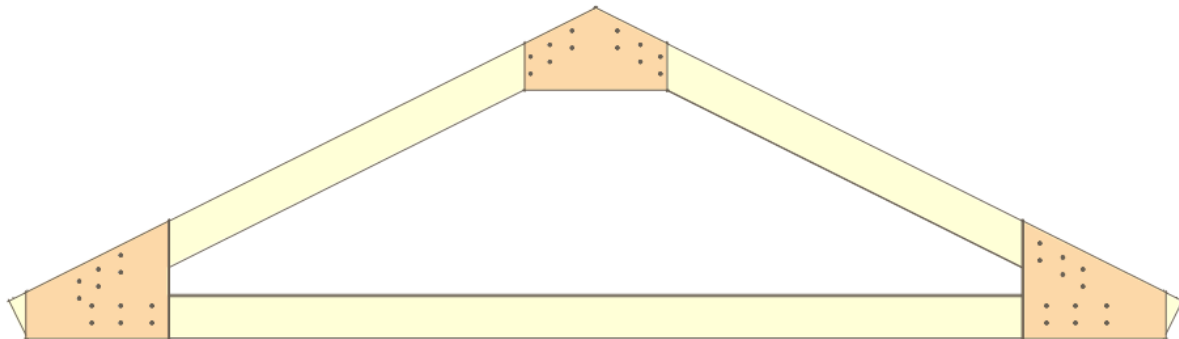


Install the wall frames to the floor frame using 3 1/2" nails. Cut and remove the 2x4 on door opening, see illustration above for details.

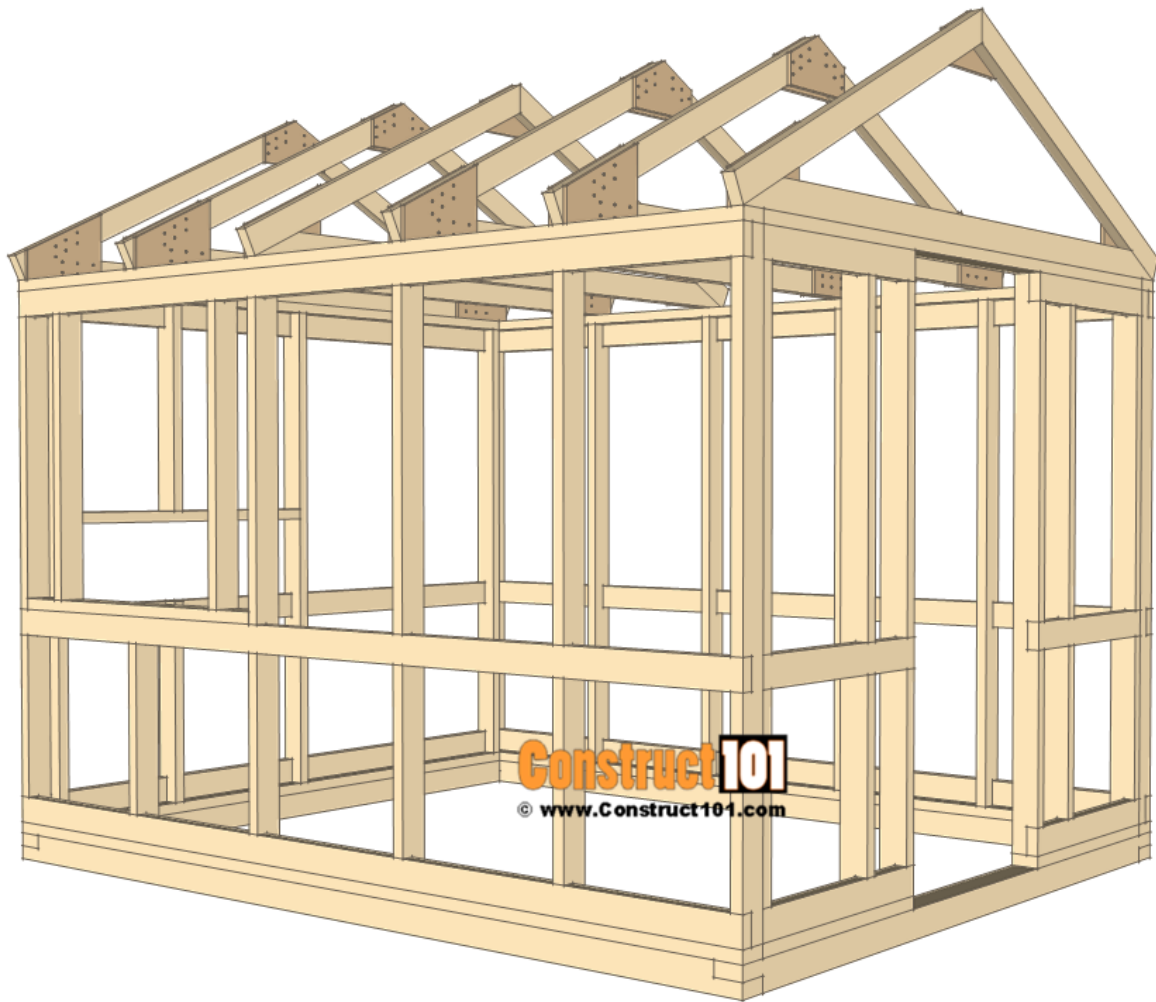
Roof – Rafter/Truss



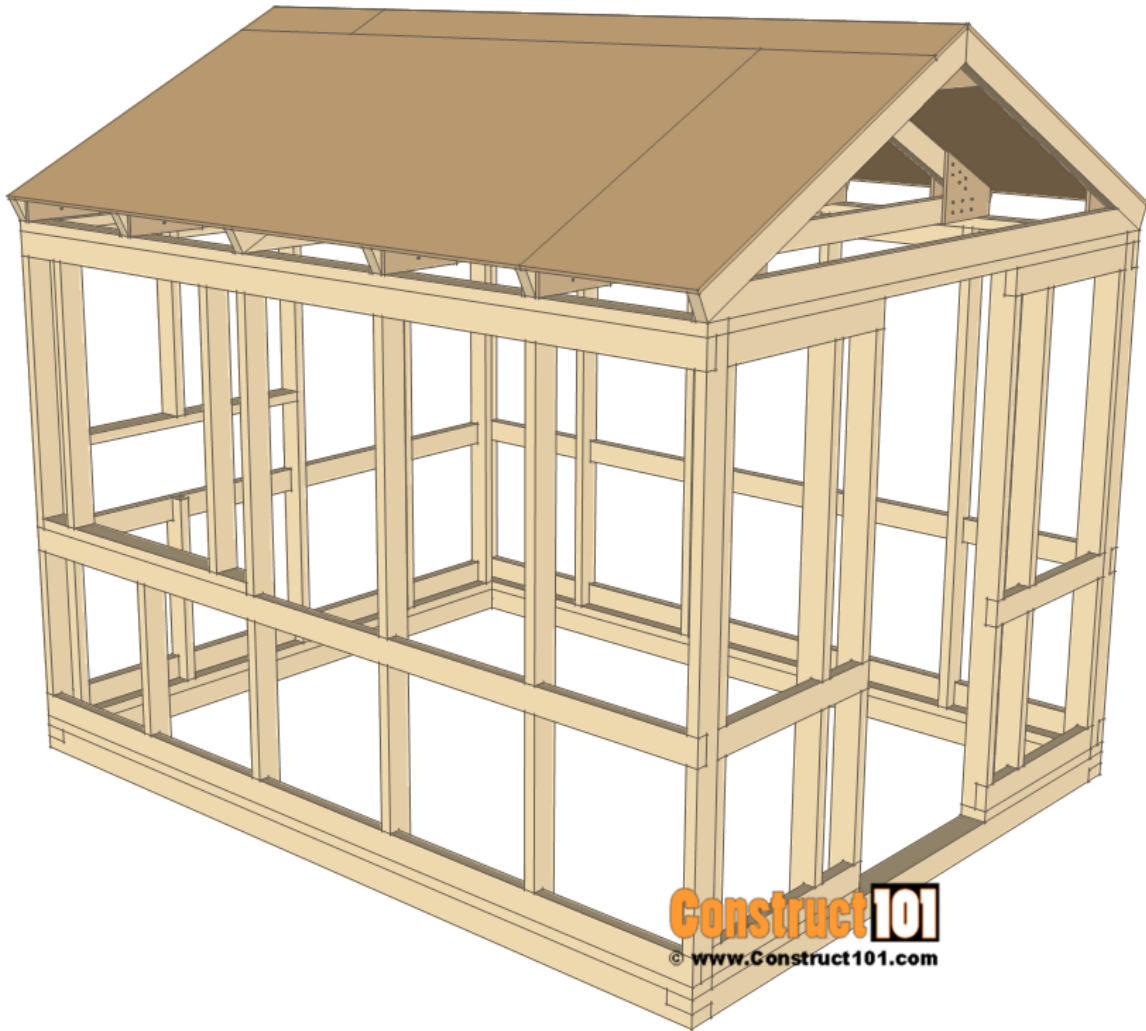
Cut twelve 2x4's to 4' 7 3/8" long, cut a 26.5 degree angle cut on one end. Cut six 2x4's to 8' long, cut a 63.5 degree angle cut on both ends in opposite direction.



Cut out plywood gussets and assemble the roof truss as shown on illustration above using 1 1/2" nails.

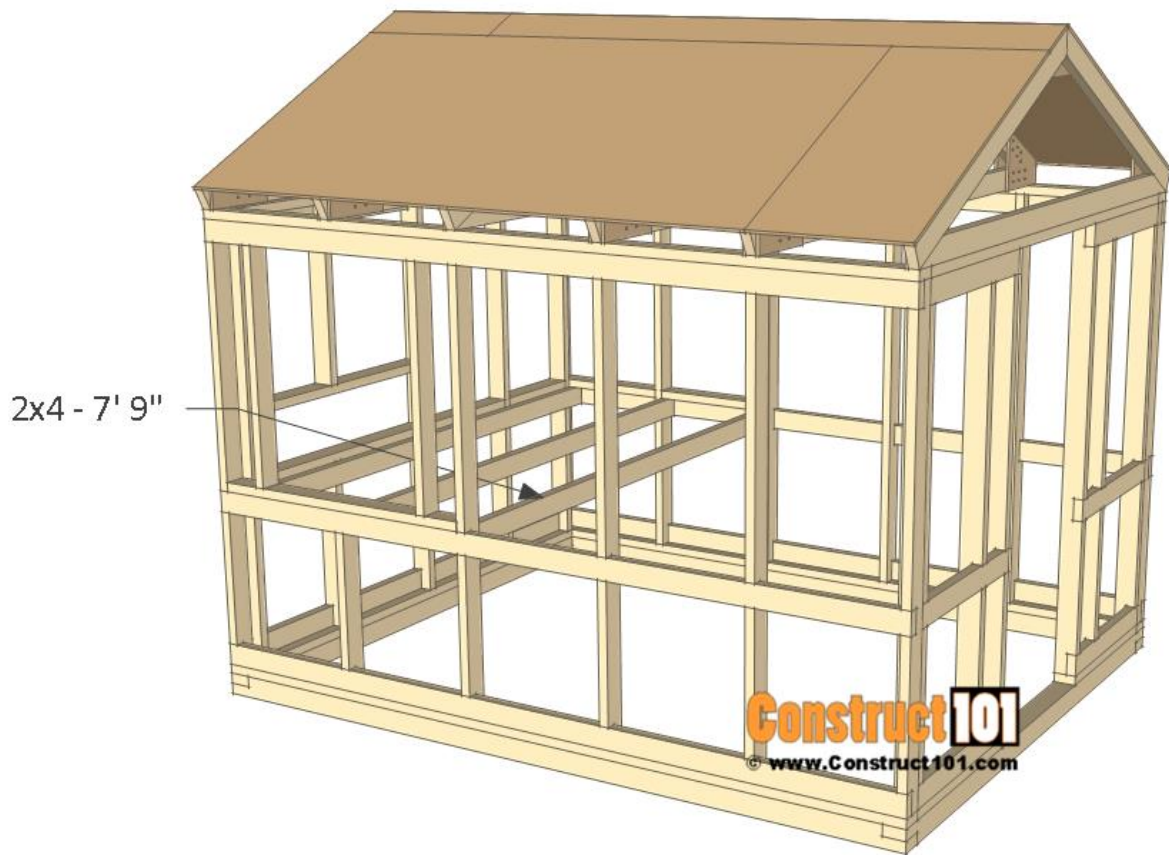


Place roof truss over wall studs and install using 3 1/2" nails.

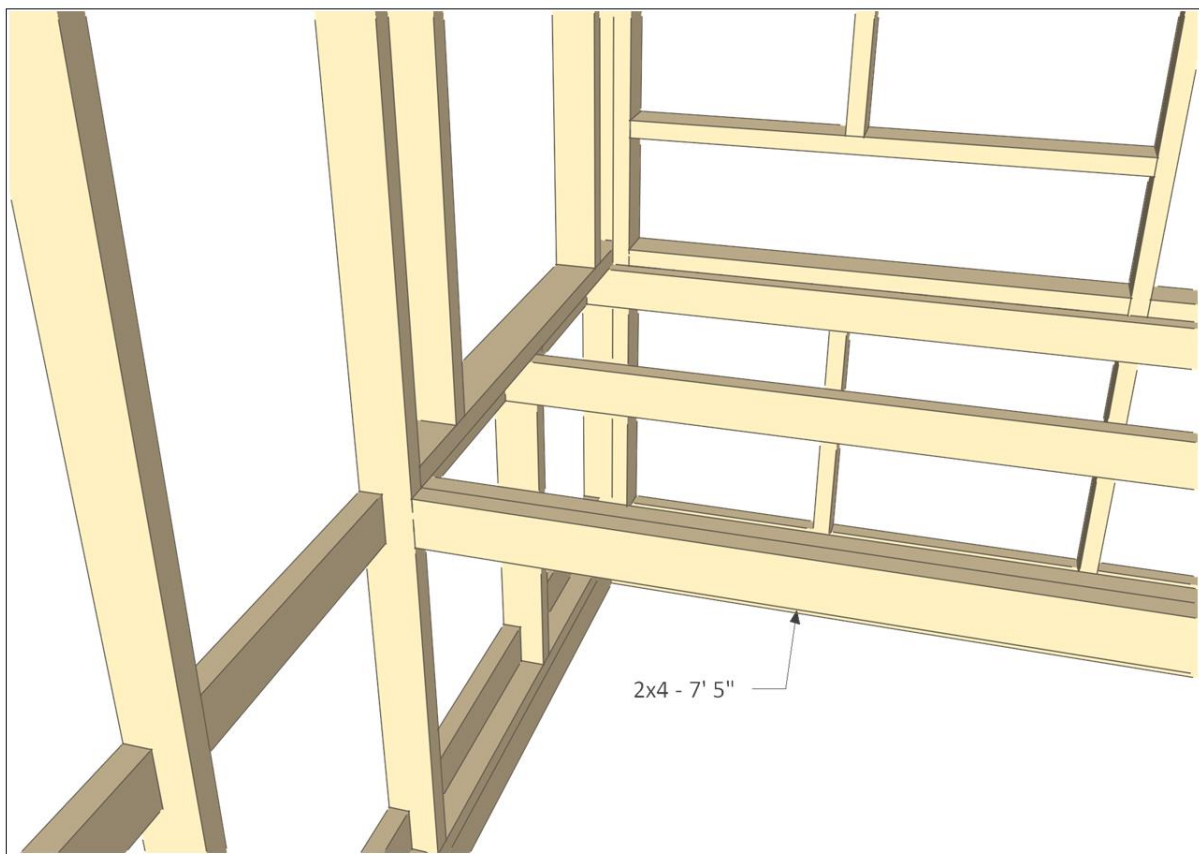


Measure, cut, and install 1/2" plywood roof deck using 1 1/2" nails.

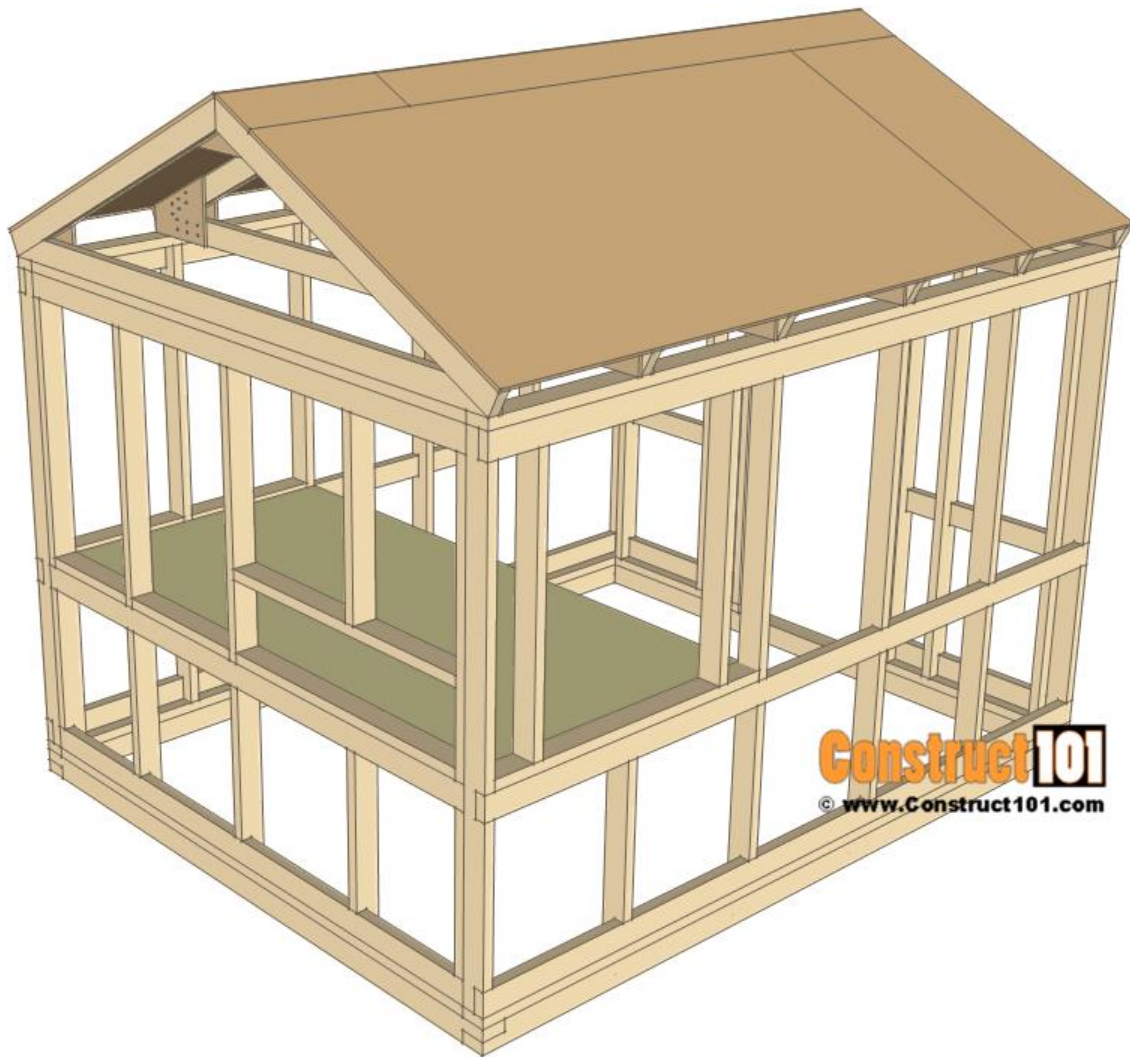
Floor Deck



Cut three 2x4's to 7' 9" long, install as shown on illustration above using 3 1/2" nails.

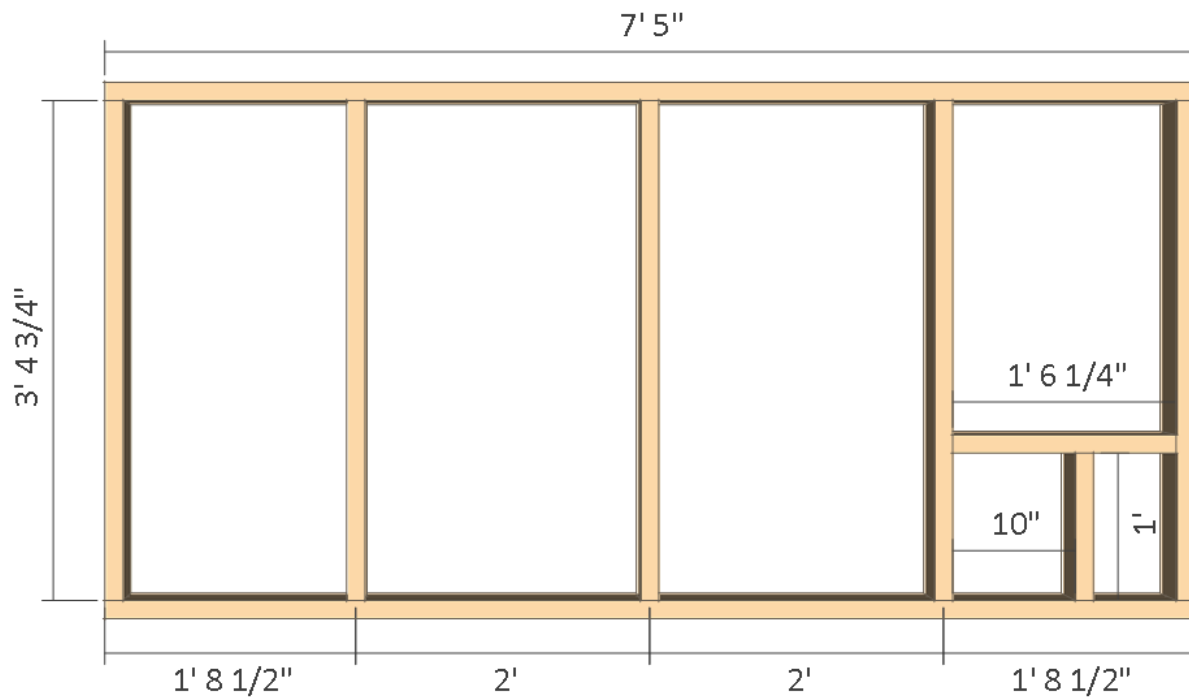


Cut one 2x4 to 7' 5" long, install as shown on illustration above, toe-nail 3 1/2" nails through the 2x4 and into the wall stud.



Measure, cut, and install the 3/4" plywood floor deck using 2" nails.

Inside Wall Frame



Cut two 2×4's to 7' 5" long. Cut five 2×4's to 3' 4 3/4" long. Cut one 2×4 to 1' 6 1/4" long. Cut one 2×4 to 1' long. Assemble as shown on illustration above using 3 1/2" nails.



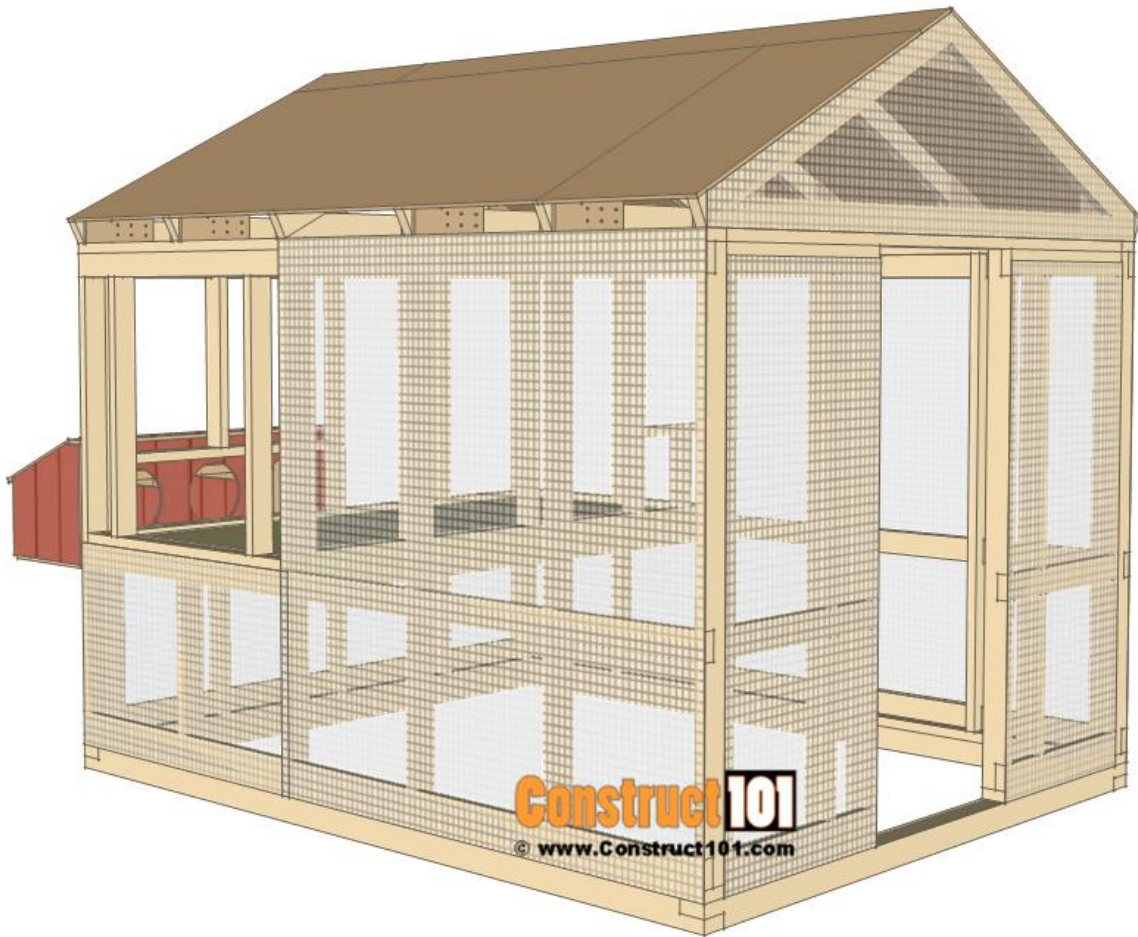
Install the inside wall frame as shown on illustration above using 3 1/2" nails.

Nest Box

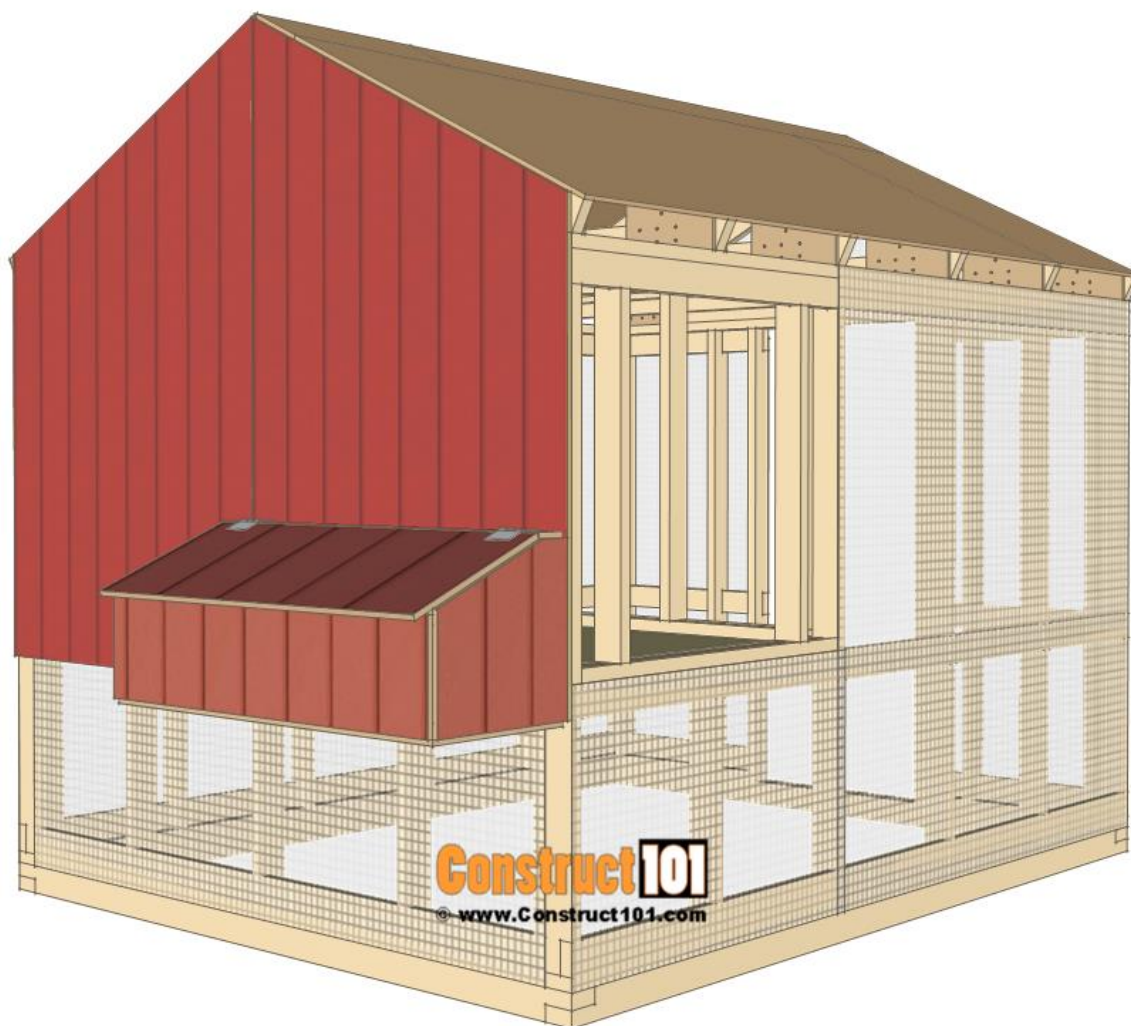


Build the nest box, see “chicken coop nest box plans” for directions, and install using 3 1/2” nails.

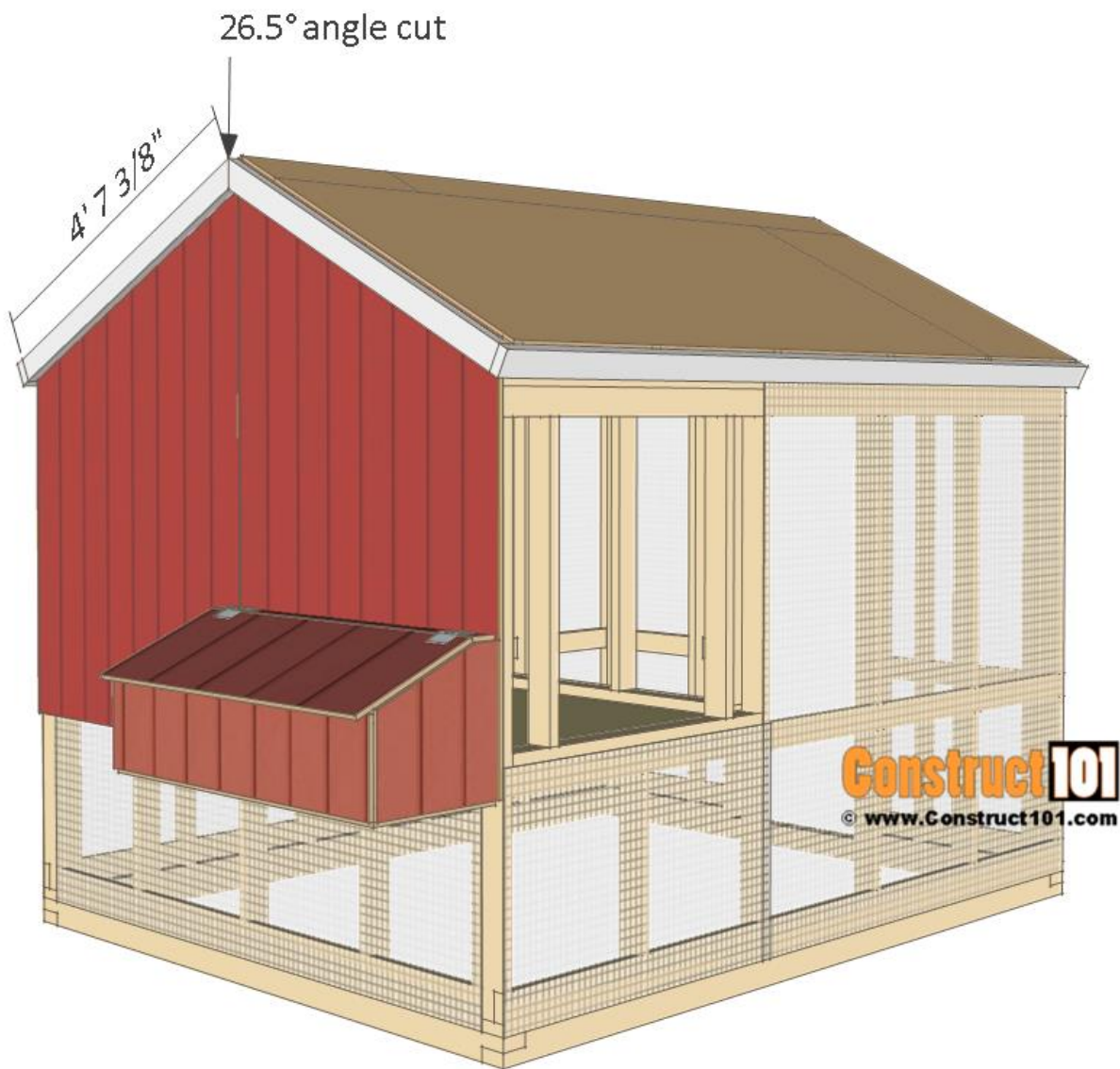
Siding - Wire Mesh - Roof Trim



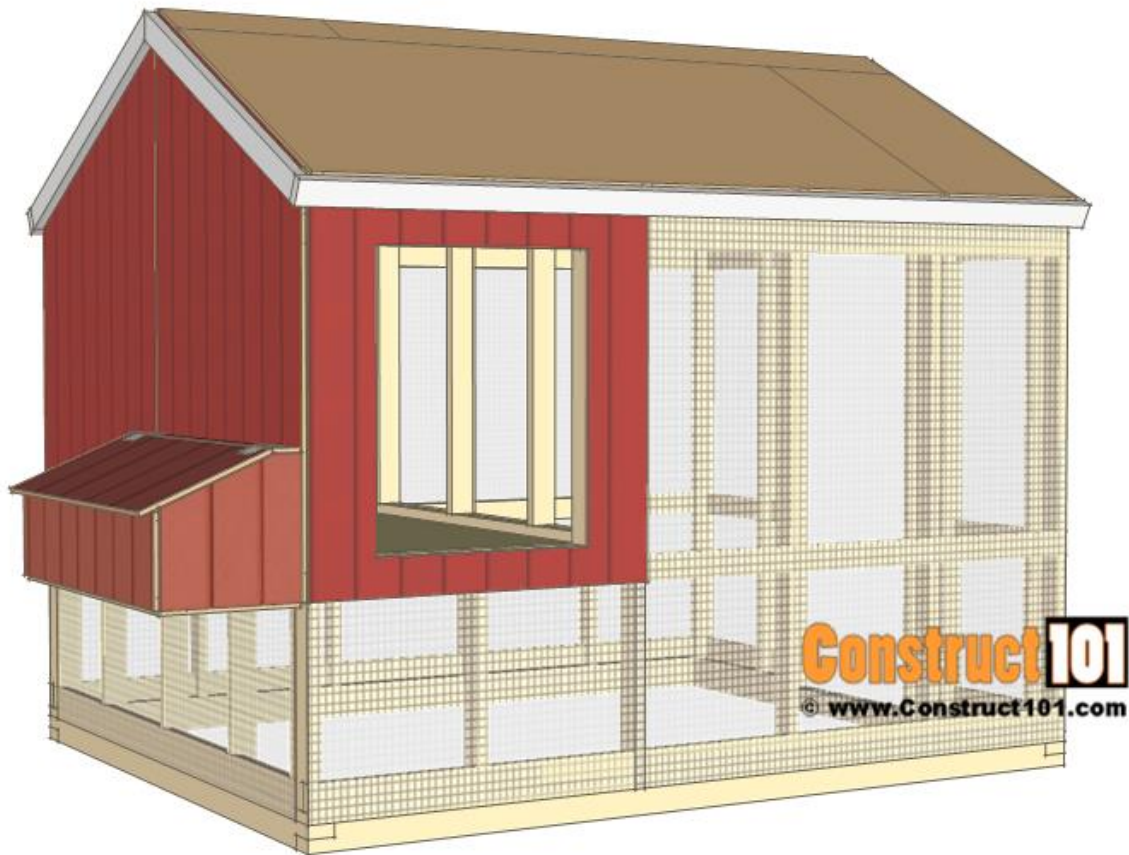
Cut to size and install the wire mesh using staples.



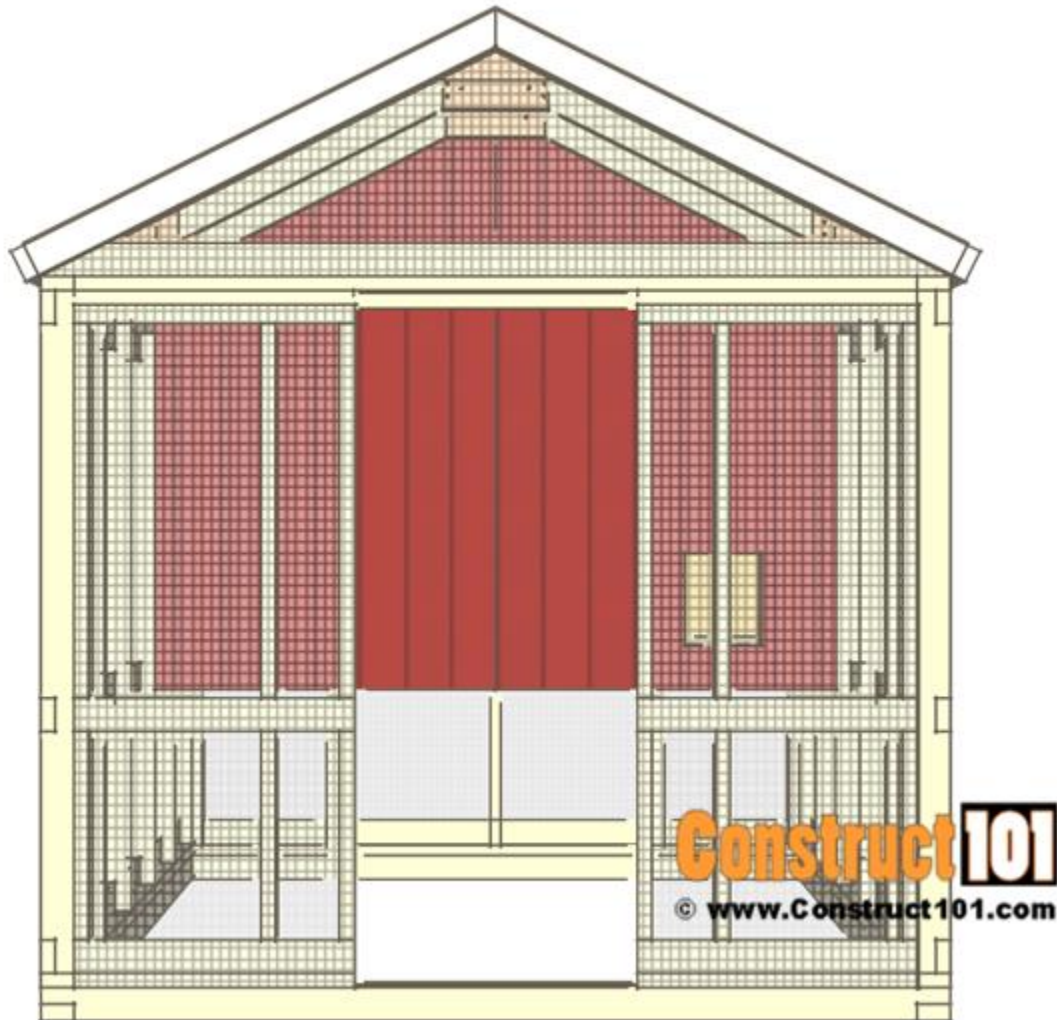
Cut and install the siding to the left side of the coop using 1 1/4" finishing nails.



Cut four 2x4's to 4' 7 3/8" long, cut a 26.5 degree angle cut on one end. Assemble as shown on illustration above using 3" finishing nails. Measure, cut, and install the front and back roof trim as shown on illustration above using 3" finishing nails.



Measure, cut, and install the siding for the front and back wall, install using 1 1/4" finishing nails. Cut the front door opening, the siding that has been cut out will be used to make the door.

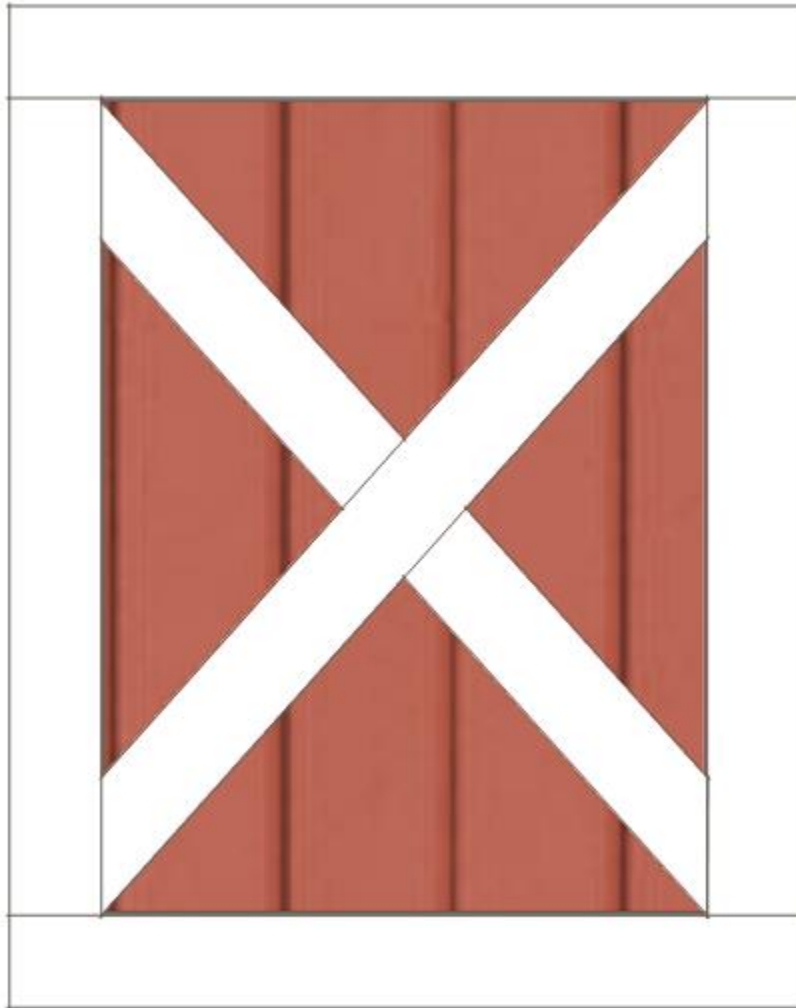


Measure, cut, and install the siding for the inside wall, install using 1 1/4" finishing nails. Cut out the door opening to the inside wall.

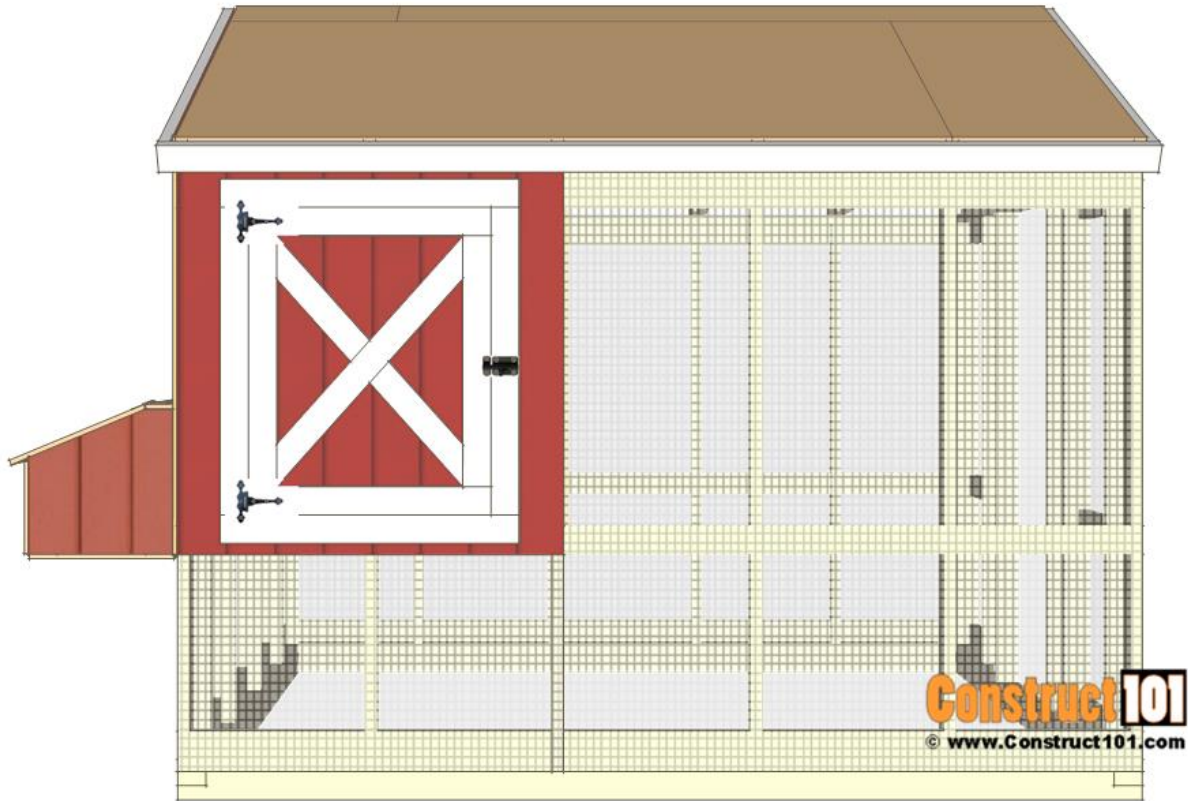
Front Door



Measure, cut, and install the 1×4 trim around door opening. Use 1 1/4" finishing nails to install.

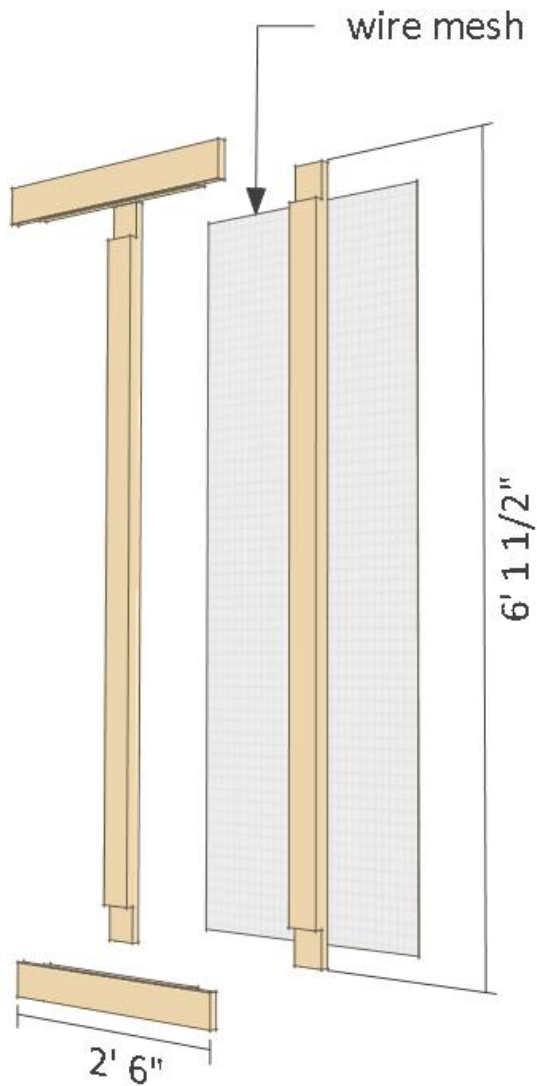


Use the siding that was cut out of the door opening to make the front door. Measure, cut, and install 1×4 trim on the door as shown on illustration above. Use 1 1/4" finishing nails to install.

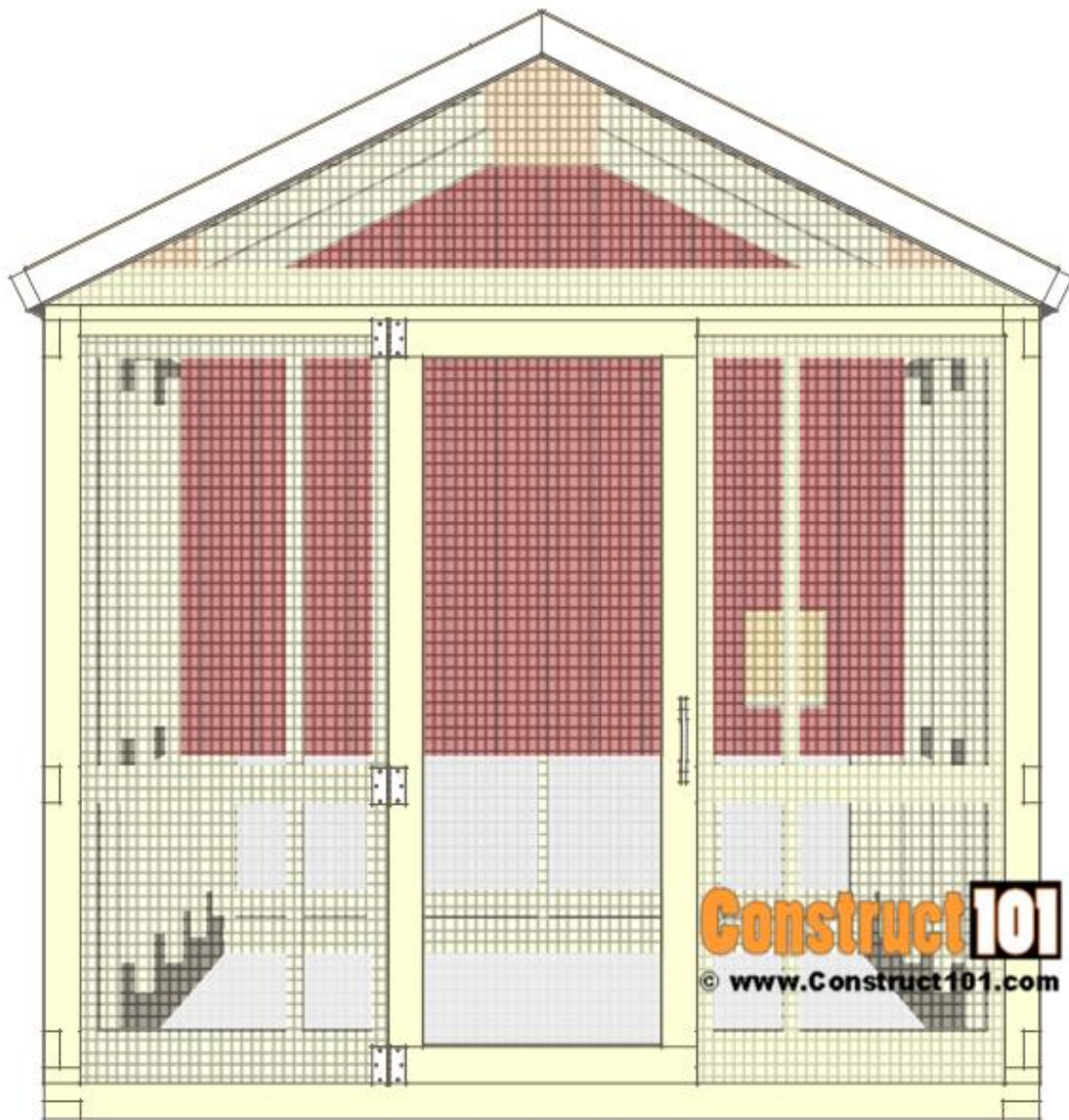


Add hinges, door handle, and latch, and install door.

Right Side Door

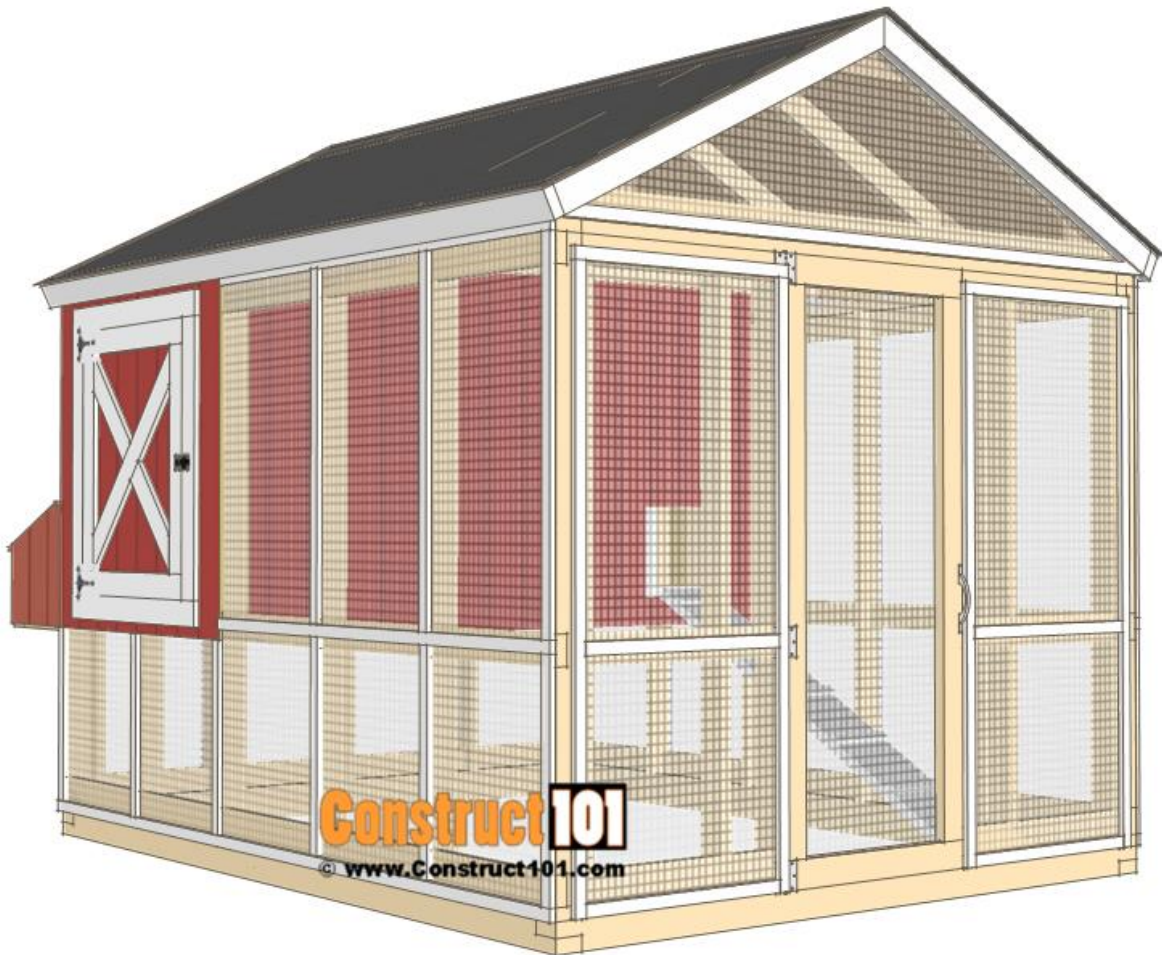


Cut two 2×4's to 6' 1 1/2" long, notch the ends 3 1/2" x 3/4" deep. Cut two 2×4's to 2' 6" long, notch the ends 3 1/2" x 3/4" deep. Assemble using 1 1/4" nails. Cut wire mesh to size and install with staples.



Add hinges, door handle, and latch, and install door.

Shingles/Trim



Install roof felt, and shingles. Cut 1×2 trim and install.