

THE DIYCRAFT PLAN COLLECTION

8 x 8

Storage Shed Plan



FREE PREVIEW

13 selected steps + model views

8 x 8 FT STORAGE SHED

Free vs Premium

The same illustrated steps in both editions. Choose premium for the complete sequence and additional construction details.



Compare what is included

Features	Free plan	Premium
Steps included	13	21
Illustrations for each included step	✓	✓
Print-ready drawings	✓	✓
Step-by-step instructions	✓	✓
Full materials and cutting list		✓
Additional construction illustrations		✓
Additional cut and joint drawings		✓
Tools list		✓
Fasteners and hardware list		✓
Full-page lumber-size reference		✓
Technical support		✓

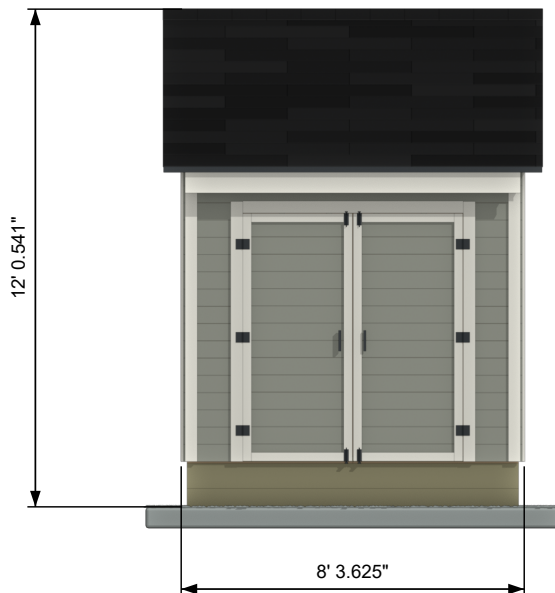
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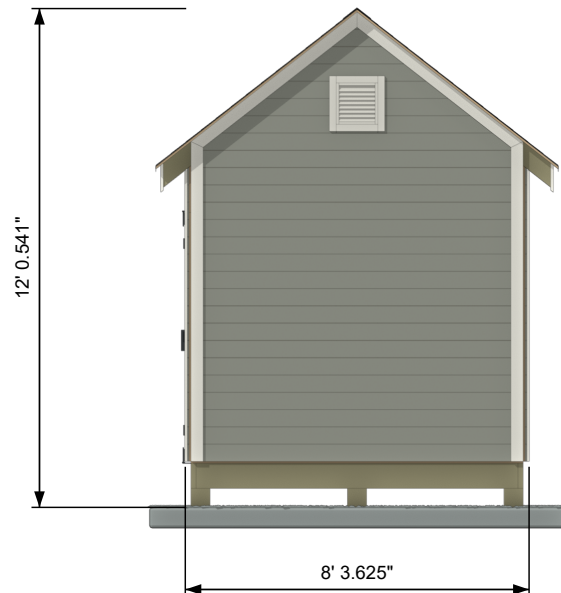
8 x 8 FT STORAGE SHED

Size & Dimensions

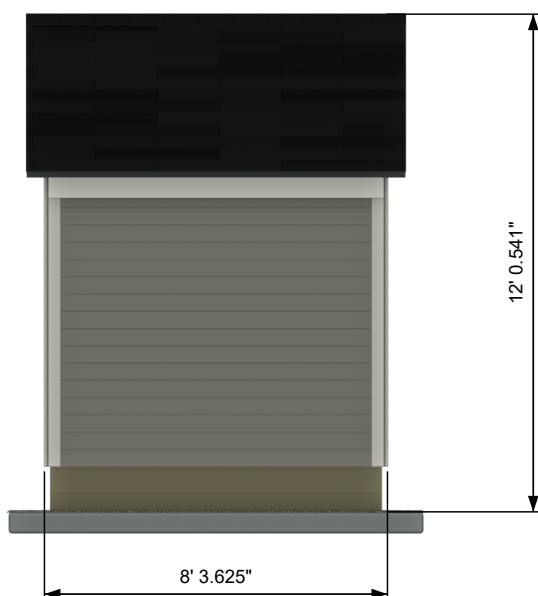
Front



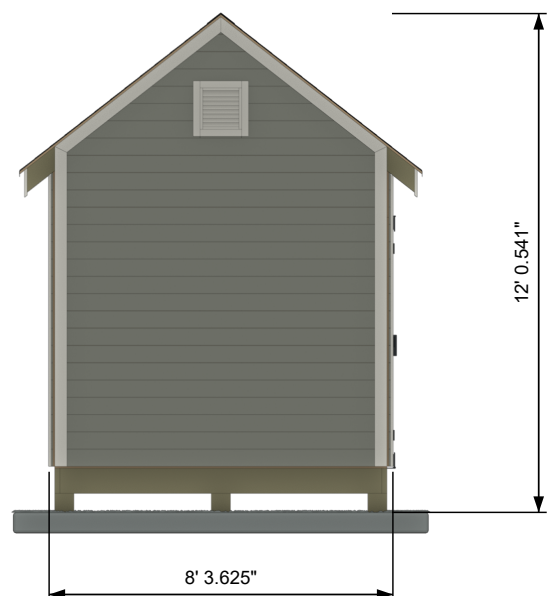
Right



Back



Left



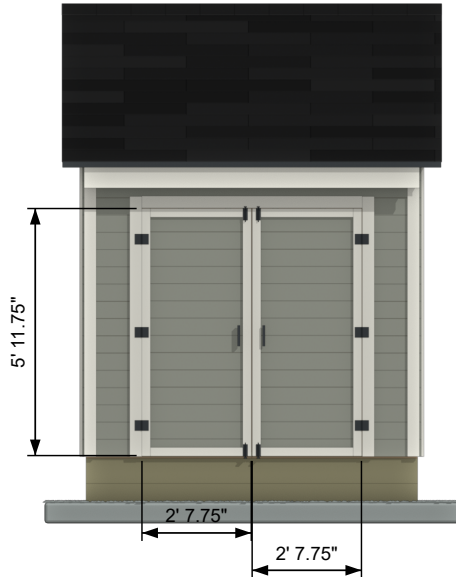
MEASUREMENT BASIS

Saved model: outside wall trim 99.625 x 99.625 in; ridge cap 144.541 in above nominal gravel. Floor frame 96 x 96 in. Original p7 gives 138.25 in height on masonry and inconsistent outside widths; revised foundation and fitted trim differ.

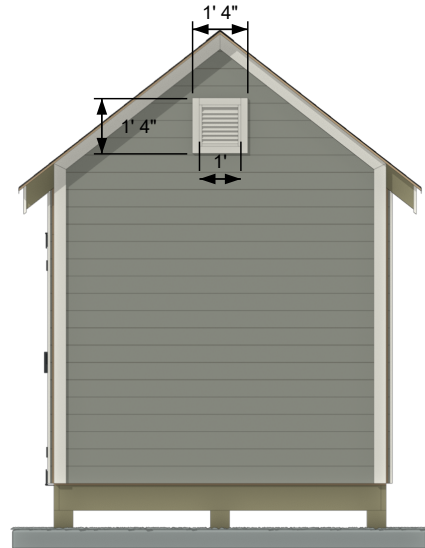
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Door & Vent Positions

Front



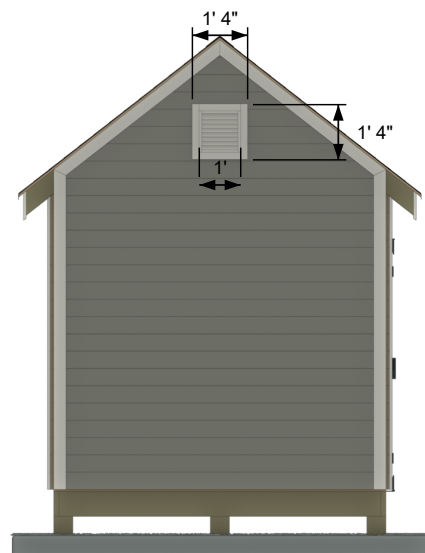
Right



Back



Left



MEASUREMENT BASIS

Door dimensions measure the finished leaves; framing opening is 64 x 72 in. Vent opening is 12 x 12 in; outside trim is 16 x 16 in.

8 x 8 FT STORAGE SHED

Model View



Finished construction model with gray-green siding, ivory trim, charcoal roofing and three treated skids over gravel.

MODEL SCOPE

The model illustrates the reference geometry. Complete site bearing, anchorage, structural connections and product installation details before building.

8 x 8 FT STORAGE SHED

Model View Door Open



Both door leaves swing outward from their side hinges. Confirm the chosen hardware has full support and check threshold and latch clearance.

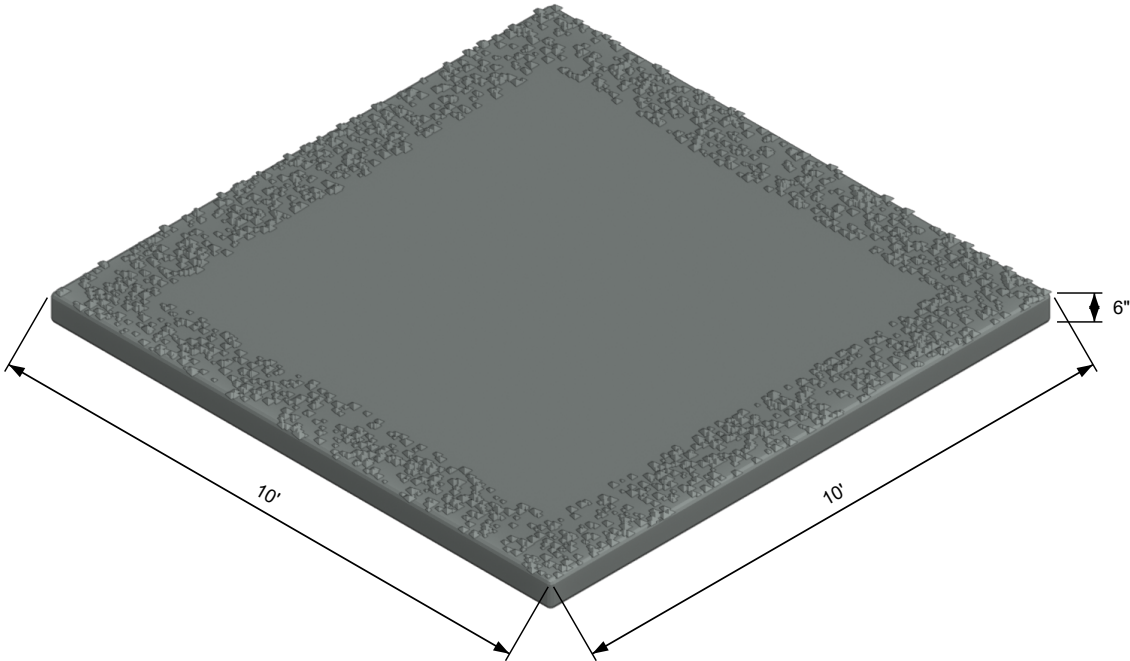
MODEL SCOPE

The model illustrates the reference geometry. Complete site bearing, anchorage, structural connections and product installation details before building.

STEP 01 / 21

Prepare the gravel base

Mark out the 120 x 120 in base, remove unsuitable soil and compact the crushed gravel in level lifts over the specified separation layer.



Compacted gravel pad for the skid foundation.

Pos.	Part / material	Cut dimensions / fit	Qty
1	Compacted gravel	120 x 120 x 6 in finished	1.852 yd3*
2	Separation fabric	120 x 120 in plus laps	To suit

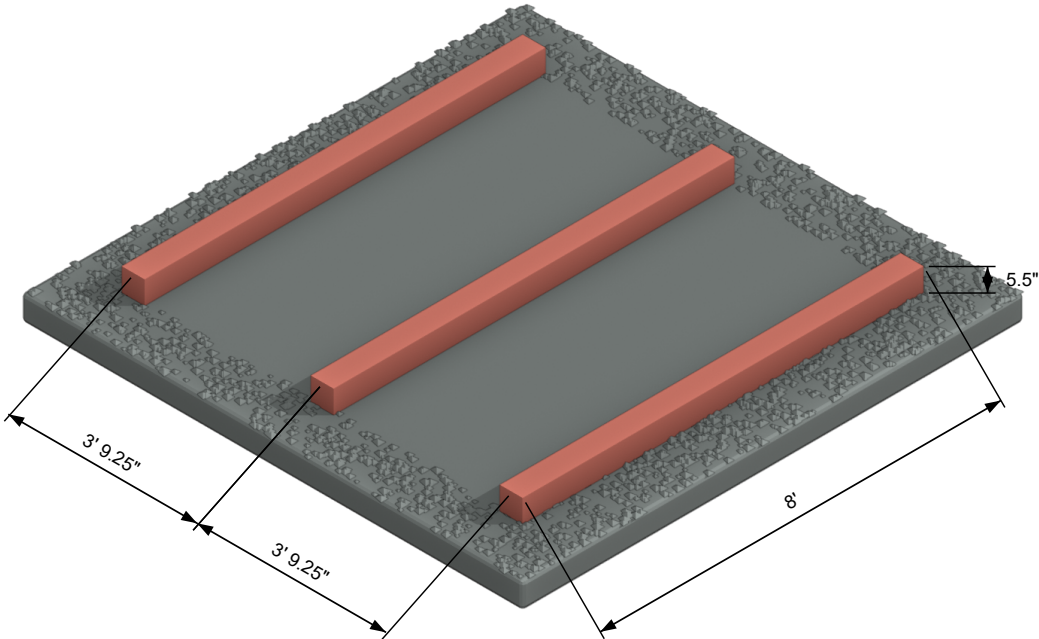
REFERENCE / BUILD CHECK

Approved foundation replaces original pp8-9 masonry. *Geometric compacted volume; allow for delivery and compaction. Confirm site bearing, drainage, frost protection and anchorage.

STEP 02 / 21

Set the treated skids

Set three 96 in ground-contact treated skids parallel on the gravel. Align their ends and check full-length bearing before installing the floor.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	Nominal 6 x 6 treated skids	96 in; actual 5.5 x 5.5 in	3
2	Skid layout	45.25 in centres	2 spaces

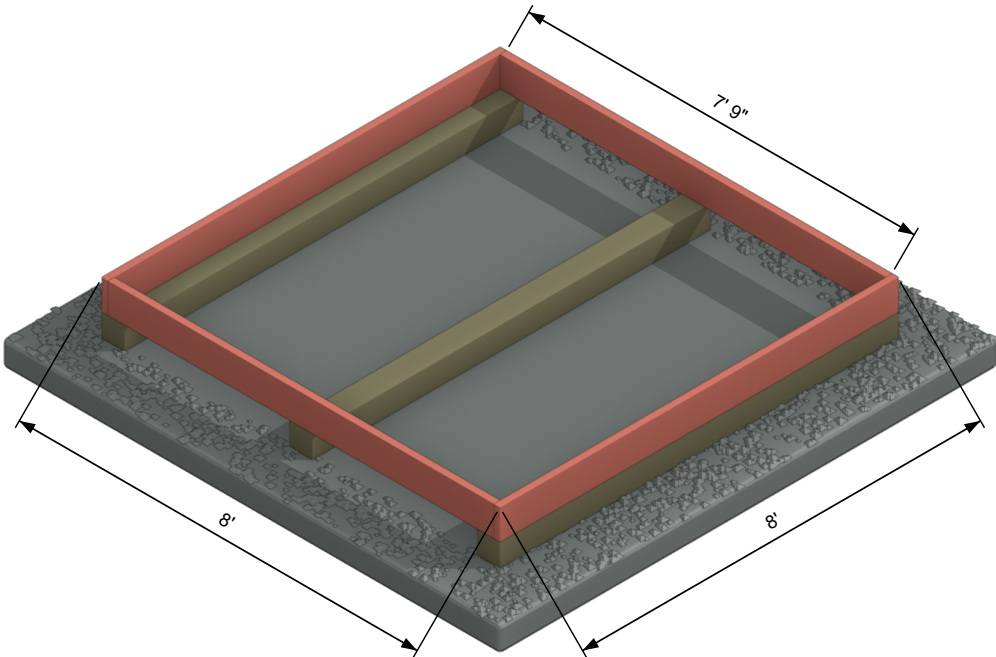
REFERENCE / BUILD CHECK

Approved model: outer skid edges align with the 96 x 96 in floor; middle skid is centred. The compacted pad extends 12 in beyond the floor on each side.

STEP 03 / 21

Assemble the floor perimeter

Join two rim joists and two end joists into a square 96 x 96 in frame. Compare diagonals before fastening.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	2 x 8 treated rim joists	96 in	2
2	2 x 8 treated end joists	93 in between rims	2

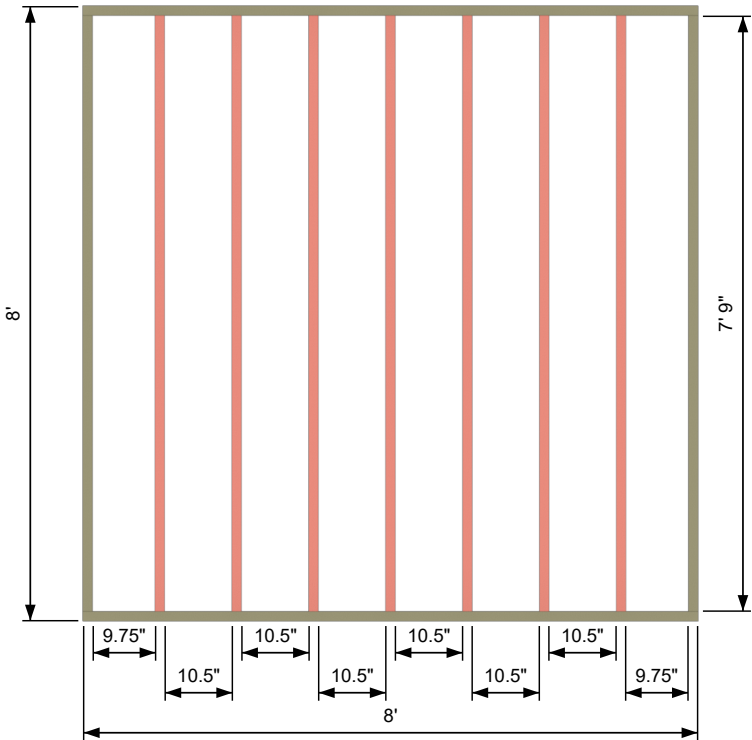
REFERENCE / BUILD CHECK

Reference p10: actual section 1.5 x 7.25 in; eight 5-in screws for this perimeter. Verify the selected connection and keep all three skid bearings fully seated.

STEP 04 / 21

Install the floor joists

Fit seven additional 93 in joists. Set out the clear gaps shown and keep the central plywood seam over the middle joist.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	2 x 8 treated inner joists	93 in	7
2	Complete floor frame	96 x 96 in; nine joists total	1

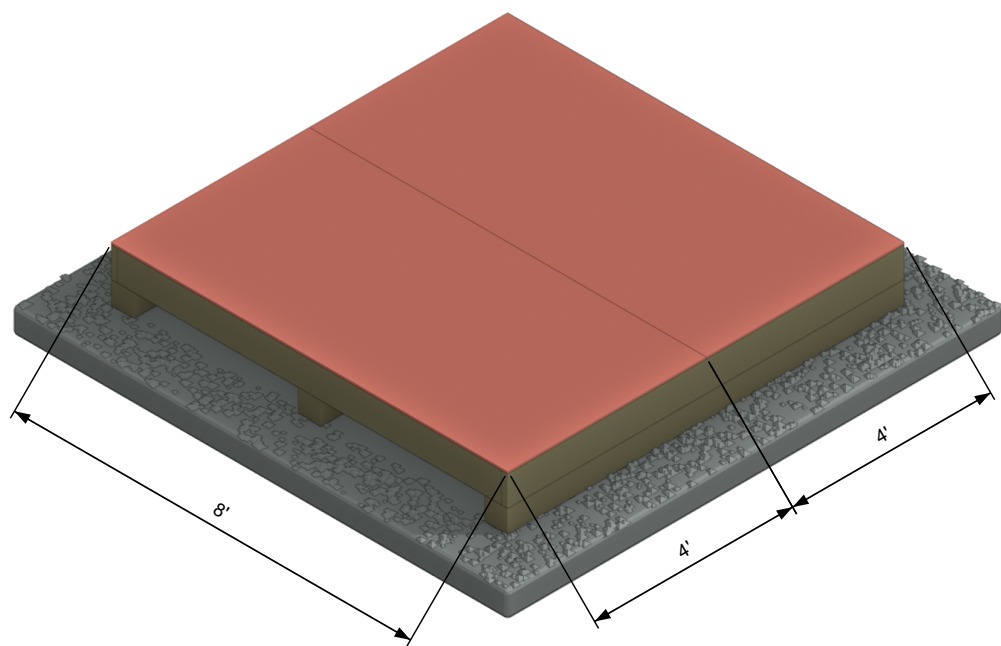
REFERENCE / BUILD CHECK

Reference p11: two 9.75-in end gaps and six 10.5-in inner gaps. Its eight 5-in screw total repeats the perimeter count and does not establish a complete fourteen-end connection schedule; verify fixings.

STEP 05 / 21

Lay the floor plywood

Fit two 48 x 96 in floor panels with the meeting edges supported by the centre joist. Fasten and gap the sheets to the panel supplier instructions.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	9/16 in plywood	48 x 96 in	2

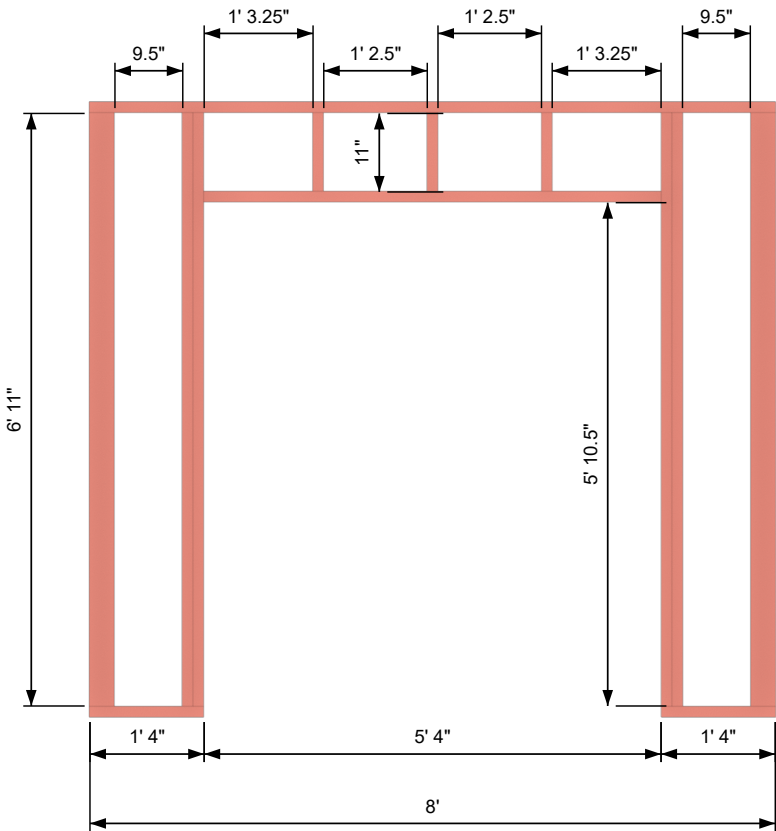
REFERENCE / BUILD CHECK

Reference p12. Seal cut edges. Approved floor top is 19.3125 in above the pad bottom, or 13.3125 in above the nominal gravel surface.

STEP 06 / 21

Frame the front wall

Build the front frame flat, keeping the 64 x 72 in doorway square. Fit paired jamb studs, flat header and three cripples, then raise and brace.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	4 x 4 corners / 2 x 4 studs	83 in	2 / 4
2	2 x 4 header / cripples	64 in / 11 in	1 / 3
3	2 x 4 top / bottom plates	96 in / 16 in	1 / 2

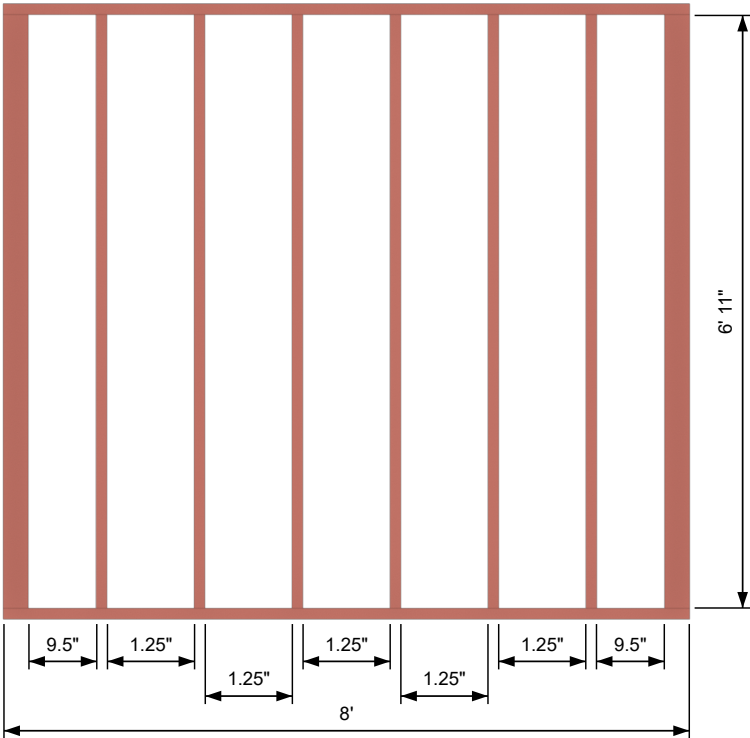
REFERENCE / BUILD CHECK

Reference p13: two 4-in screws at the shown joints. Header is drawn flat and butts into jambs; bearing and connection capacity are unresolved. Stud length 83 in; source 70.5-in space is measured above the bottom plate, not from the floor.

STEP 07 / 21

Frame the back wall

Assemble the 96 in back frame with six intermediate studs and two square corner posts. Check diagonals, then raise, plumb and brace.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	4 x 4 corner posts	83 in	2
2	2 x 4 intermediate studs	83 in	6
3	2 x 4 top and bottom plates	96 in	2

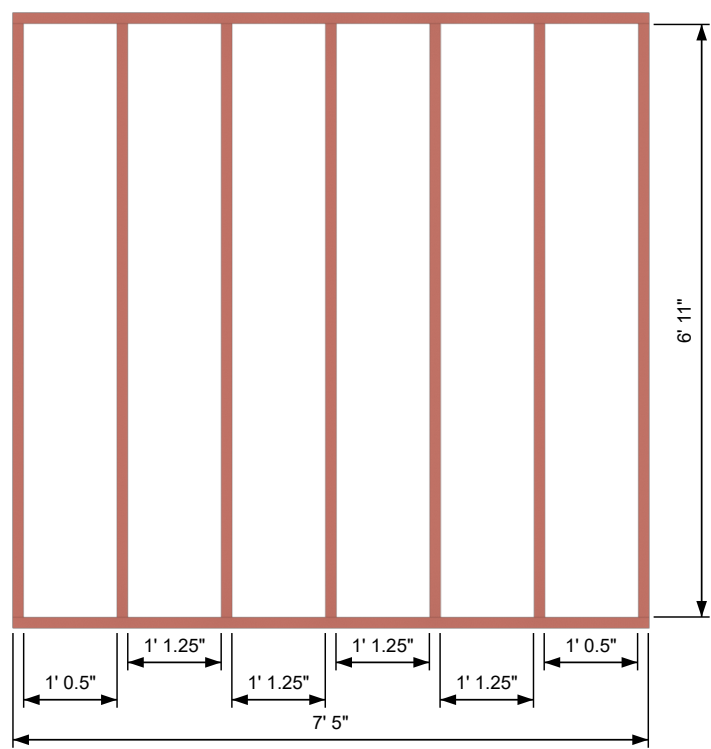
REFERENCE / BUILD CHECK

Reference p14 prints five 1.25-in middle gaps, an inconsistent chain. Labels are retained; the approved model has five 12.2-in gaps and 9.5-in end gaps. Verify set-out before building. Source calls for two 4-in screws per shown joint.

STEP 08 / 21

Frame the side walls

Build two matching 89 in wall frames with seven studs each. Fit between the front and back walls, then plumb and secure the junctions.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	2 x 4 studs	83 in	14
2	2 x 4 plates	89 in	4

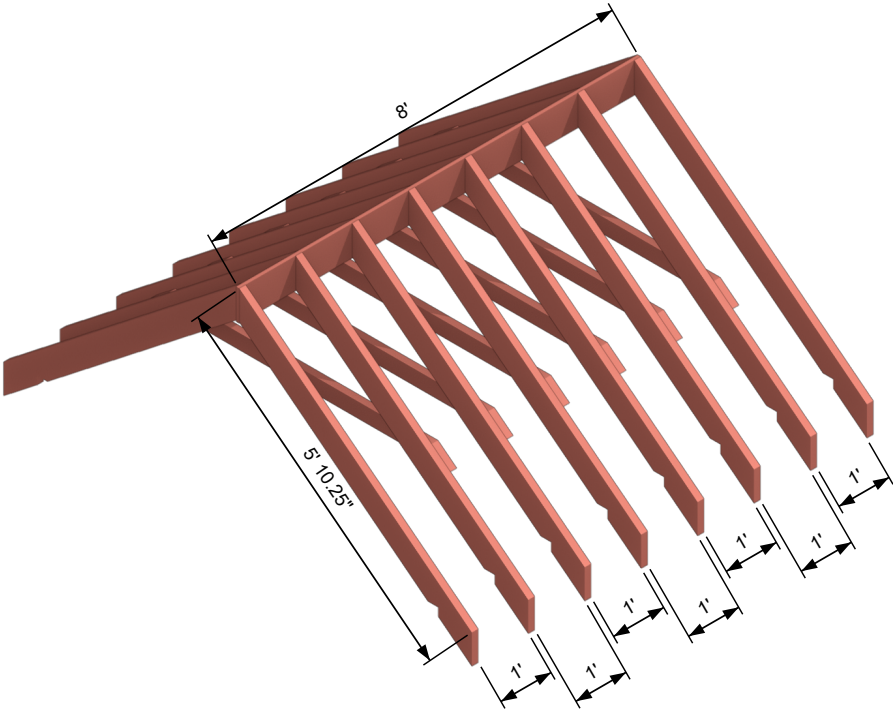
REFERENCE / BUILD CHECK

Reference p15: 12.5 / four 13.25 /12.5-in clear gaps total 88.5 in including studs, not 89. Model uses six 13.083-in clear gaps. Original labels retained for review; two 4-in screws at each shown joint.

STEP 10 / 21

Assemble the roof frame

Dry-fit eight rafter pairs at 38 degrees with the 96 in ridge and six collar ties. Check the birdsmouth seats and side-lapped collar joints before fastening.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	2 x 6 rafters	70.25 in source top edge	16
2	1 x 8 ridge board	96 in	1
3	2 x 4 collar ties	71.75 in lower edge	6

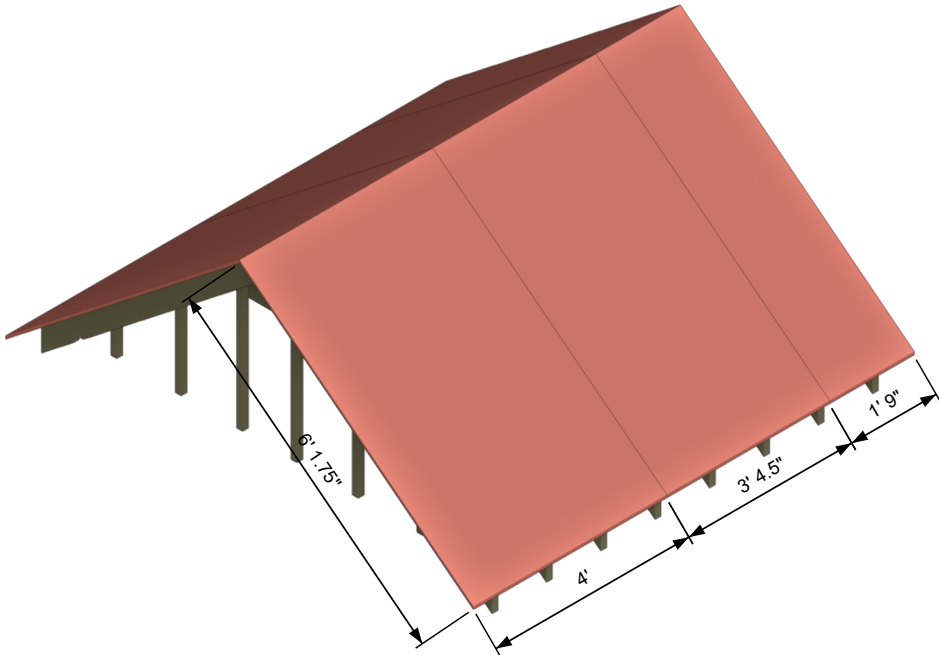
REFERENCE / BUILD CHECK

Reference pp17-18. Model rafters fit 70.589 in, not 70.25; collar top 62.790 in vs 62.75 source. Seven clear bays 12 in. Source two 3-in screws per joint does not resolve roof restraint or load capacity. See detail.

STEP 13 / 21

Sheathe the roof

Prepare three 9/16 in panels for each roof slope. Dry-fit the staggered widths and support the seams on the rafters before fastening.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	Wide roof panels	48 x 73.75 in	2
2	Middle roof panels	40.5 x 73.75 in	2
3	Narrow roof panels	21 x 73.75 in	2

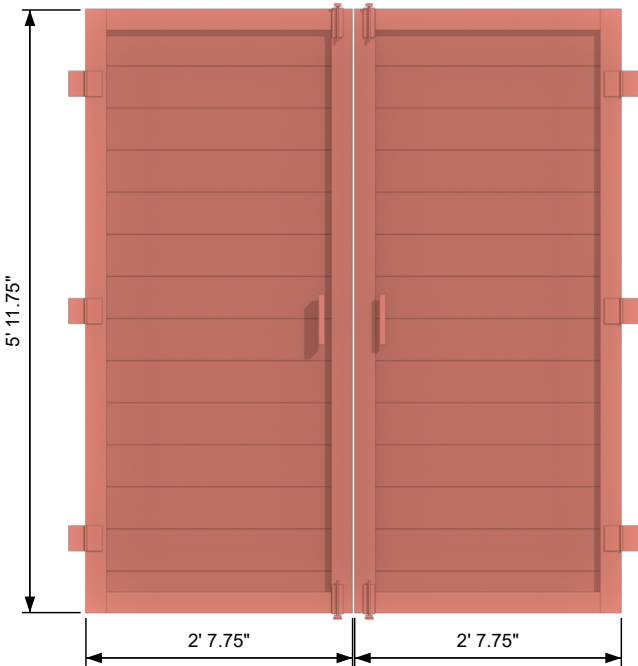
REFERENCE / BUILD CHECK

Reference p21 specifies 2-in screws. Each slope is 109.5 in wide. Verify panel edge support, gaps, overhang and the fitted fascia/drip-edge junction before cutting or fixing.

STEP 17 / 21

Build and hang the doors

Build two door frames, add plywood, siding and face trim, then hang each leaf on three hinges. Fit pulls and two surface bolts per leaf; check the full swing.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	2 x 4 frame per leaf	2 x 71.75; 2 x 24.75 in	2 frames
2	9/16 in plywood	31.75 x 71.75 in	2
3	Hinges / pulls / surface bolts	3 in /6 in /4 in	6 /2 /4

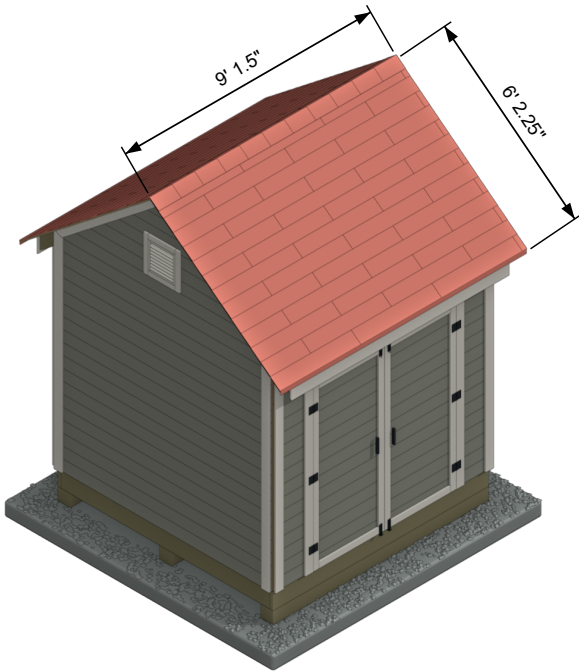
REFERENCE / BUILD CHECK

Reference pp25-26: 5-in frame screws, 2-in trim screws, 2-in siding nails and 1-in hinge screws. Leaves fit the 64 x 72-in opening. Confirm supported hardware and suitable bracing against sag; layer details follow.

STEP 20 / 21

Install the roof covering

Fit drip edge, roofing underlay, shingles and ridge caps in the selected system's required lap order.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	Underlay / asphalt shingles	112.2 ft2 net deck; add laps/waste	To suit
2	Source shingle allowance	115 ft2	Verify
3	Drip edge	42.83 ft net eaves/rakes + laps	To suit

REFERENCE / BUILD CHECK

Reference p29: 109.5 x 74.25-in finished slope dimensions. Deck is 73.75 in; product projections differ. Original 20 ft drip allowance only covers eaves. Verify starter, ridge caps, fasteners and waste before purchase.

STEP 21 / 21

Decorate and finish

Sand exposed edges and apply the selected exterior finish and cut-end treatment. Check the doors, drainage, ventilation and fixings before use.



Finished model in the approved colours.

Pos.	Part / material	Cut dimensions / fit	Qty
1	Exterior coating / cut-end sealer	Selected product coverage	To suit

REFERENCE / BUILD CHECK

Reference p30. Retain the approved gray-green siding and ivory trim. Inspect and maintain the roof, finish and door hardware regularly.

8 x 8 FT STORAGE SHED

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