

THE DIYCRAFT PLAN COLLECTION

6 x 8

Storage Shed Plan



FREE PREVIEW

14 selected steps + model views

6 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	14	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		✓

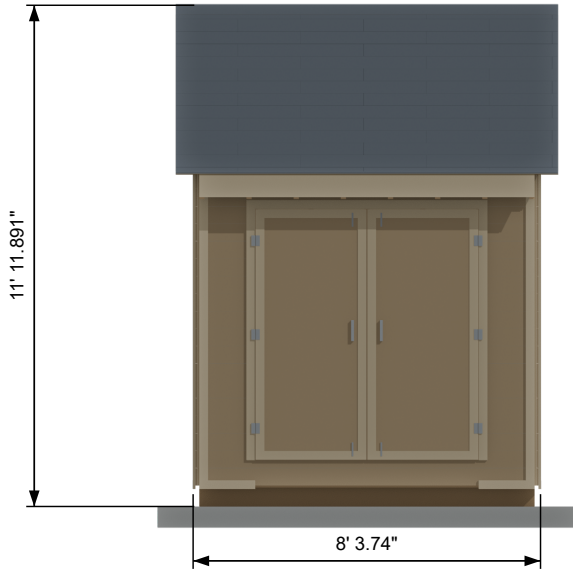
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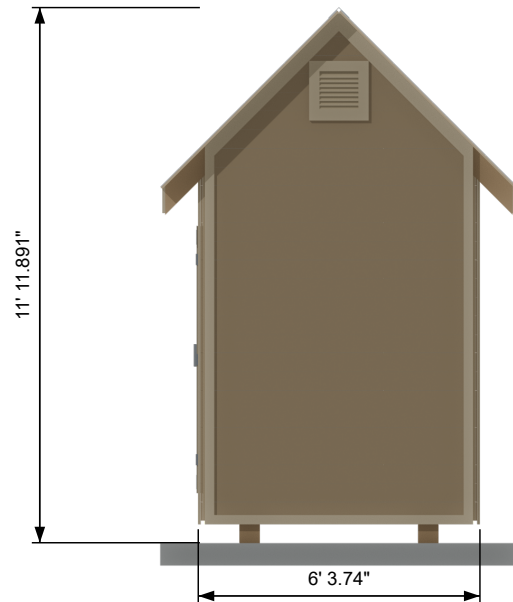
6 x 8 FT STORAGE SHED

Size & Dimensions

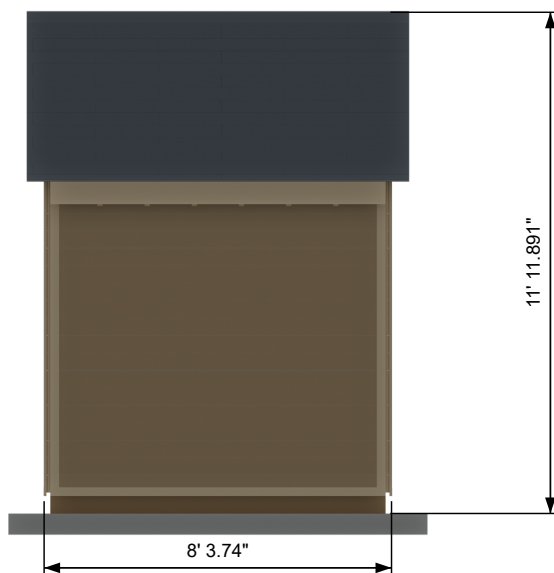
Front



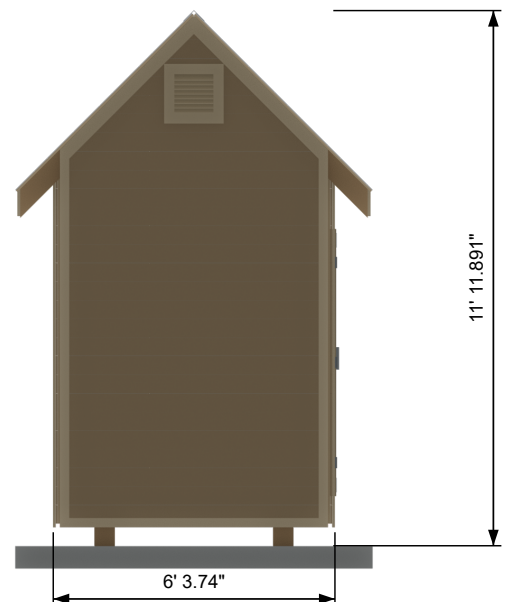
Right



Back



Left



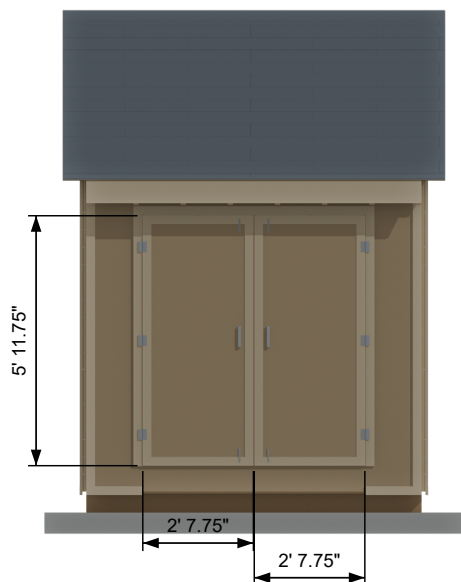
MEASUREMENT BASIS

Saved model dimensions: outside wall trim and ridge cap measured from top of gravel. Source p8 gives 97.5 x 73.5 in outside and 138.5 in height; the revised foundation and fitted trim differ. Floor frame is 96 x 72 in.

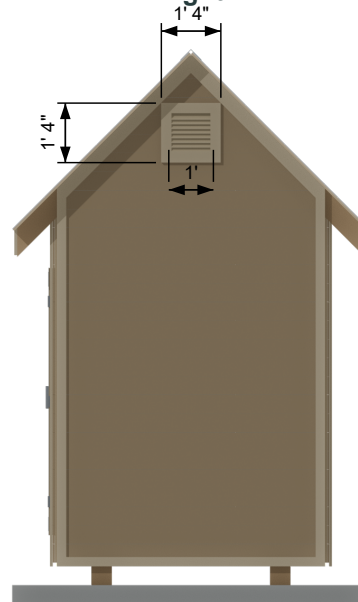
6 x 8 FT STORAGE SHED

Door & Vent Positions

Front



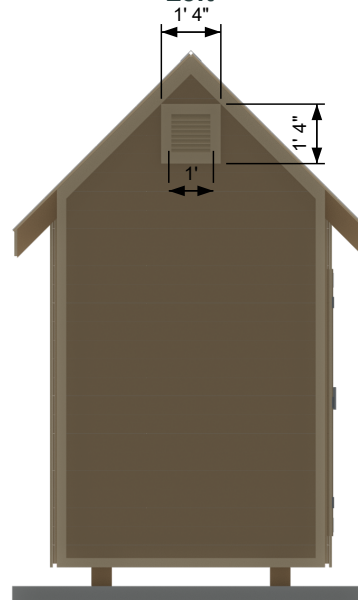
Right



Back



Left



MEASUREMENT BASIS

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

6 x 8 FT STORAGE SHED

Model View



Finished construction model with natural timber, charcoal roofing and the treated skids and gravel pad.

MODEL SCOPE

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

6 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.

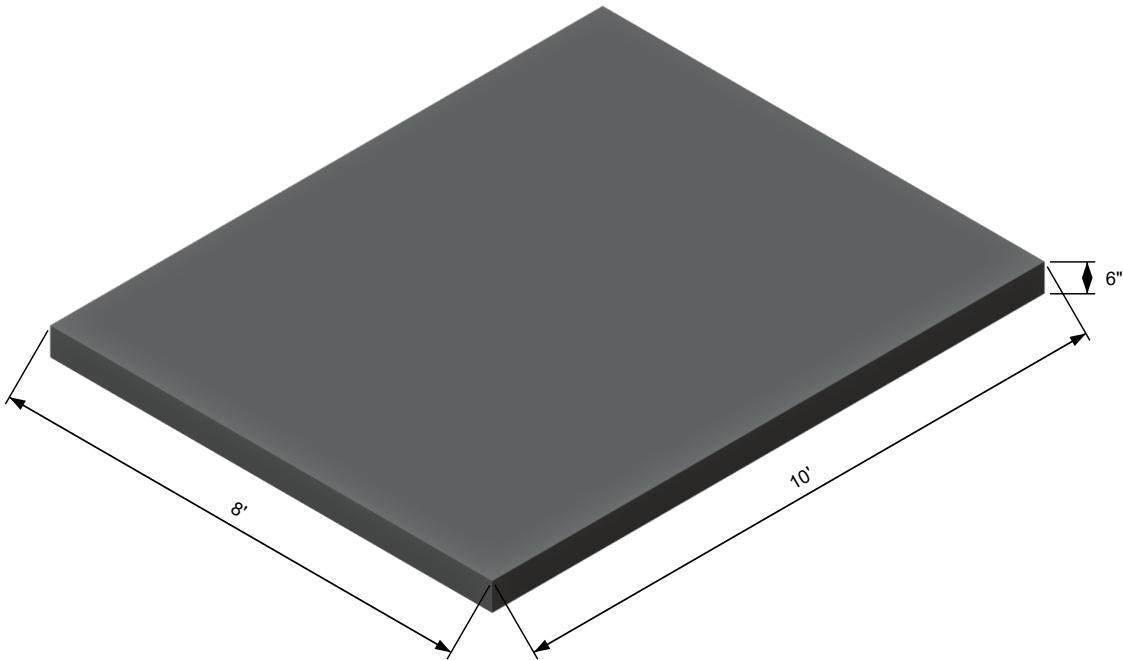
MODEL SCOPE

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

Set out the 120 x 96 in pad, remove vegetation and unsuitable soil, then place the specified separation fabric and compact the crushed gravel in lifts. Finish level with drainage away from the shed.



Compacted gravel pad for the skid foundation.

Pos.	Part / material	Cut dimensions / fit	Qty
1	Compacted gravel pad	120 x 96 x 6 in finished	1.481 yd3*
2	Separation fabric	120 x 96 in plus laps	To suit

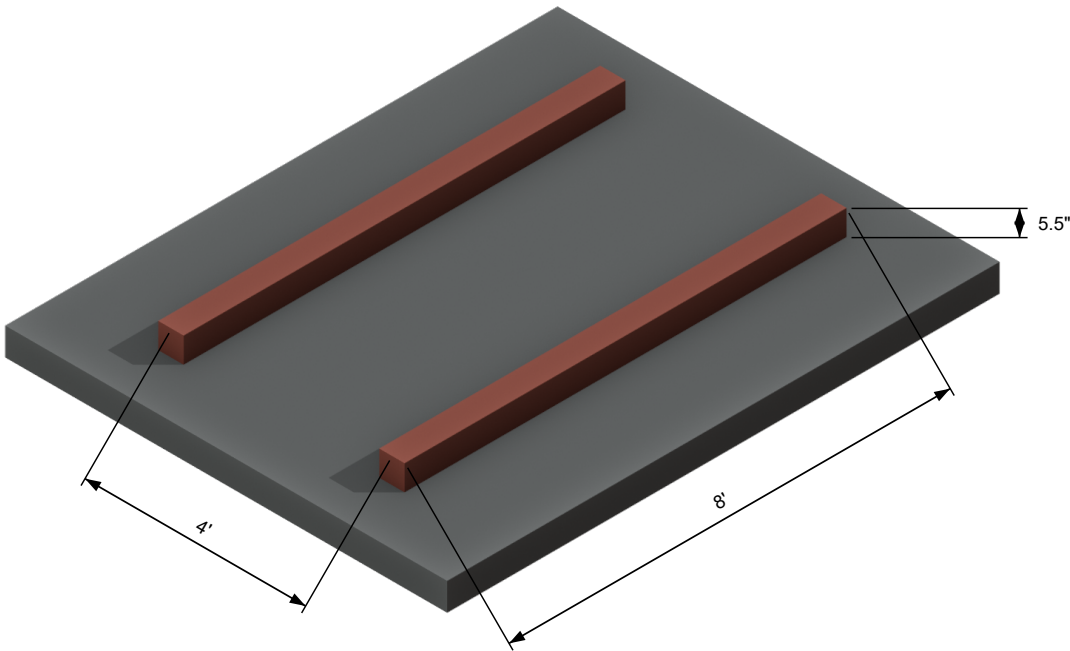
REFERENCE / BUILD CHECK

Approved skid foundation replaces reference pp9-10. *Compacted geometric volume; allow for delivery and compaction. Confirm bearing, frost conditions, drainage and anchorage for the site.

STEP 02 / 21

Set the treated skids

Cut two ground-contact treated skids to 96 in. Set them parallel on level gravel with centres 48 in apart. Square their ends and confirm full-length bearing before framing 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	2
2	Skid layout	48 in centres; 12 in from frame edges	1 set

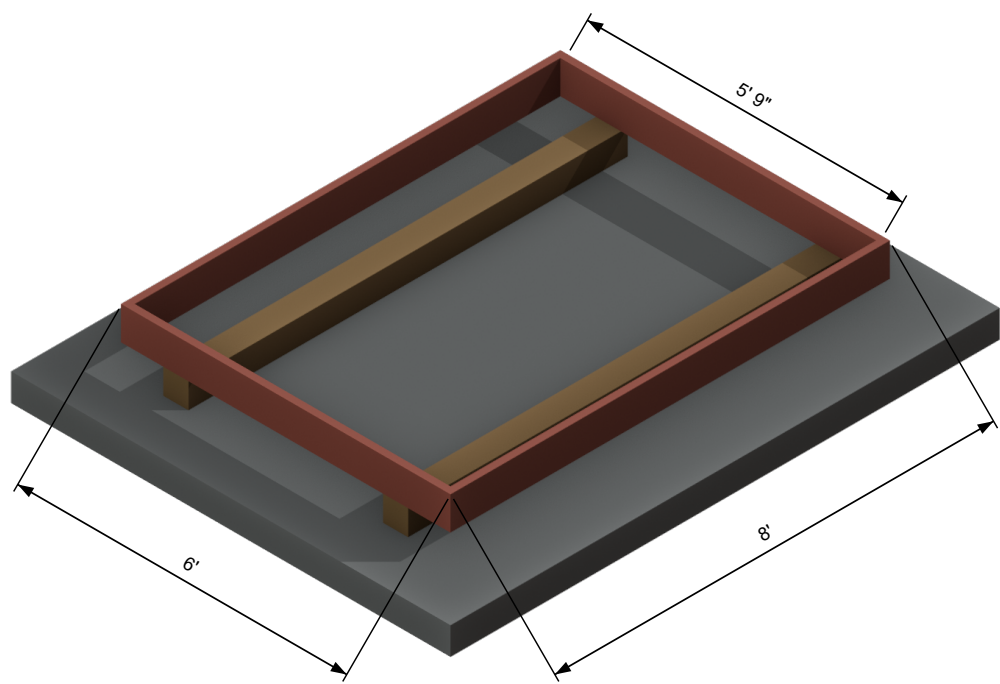
REFERENCE / BUILD CHECK

Approved foundation. The 96 x 72 in floor is centred on the gravel pad, leaving 12 in around it. Use ground-contact-rated timber and a site-appropriate anchorage system.

STEP 03 / 21

Assemble the floor perimeter

Cut the two rim joists and two end joists. Assemble a 96 x 72 in rectangle, compare diagonals, and confirm full bearing on the skids.



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	69 in between rims	2

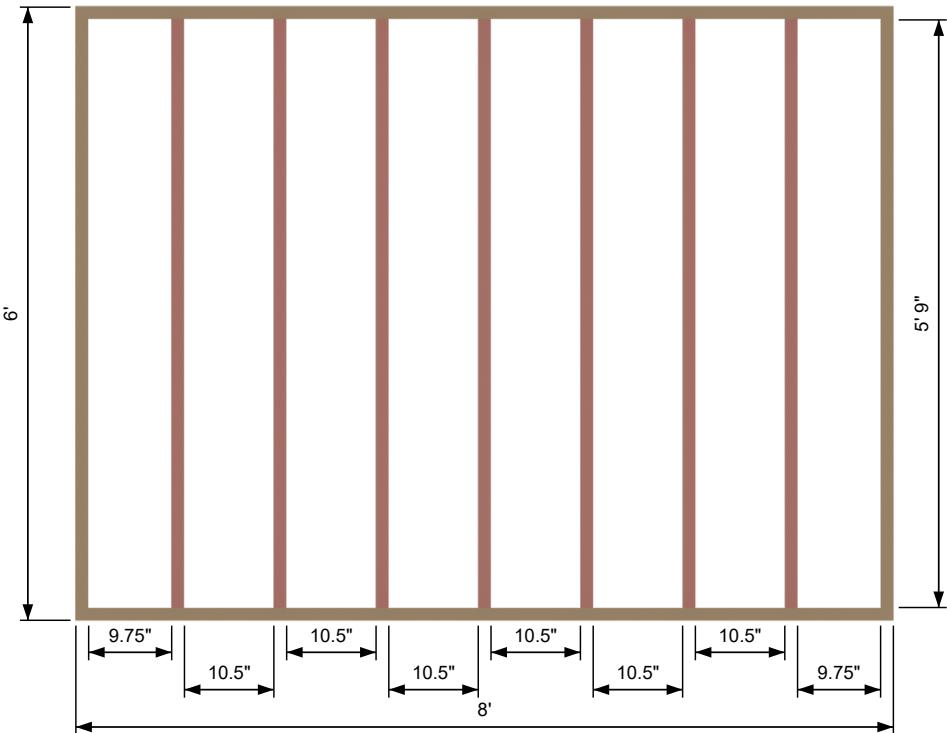
REFERENCE / BUILD CHECK

Reference p11. Actual framing section is 1.5 x 7.25 in. Verify bearing and the chosen fastener schedule before fixing the frame.

STEP 04 / 21

Install the floor joists

Cut seven additional 69 in joists. Set out the clear spaces shown, check the full frame dimension, then secure the joist ends to the rims.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	2 x 8 treated inner joists	69 in	7
2	Complete floor frame	96 x 72 in; nine joists total	1

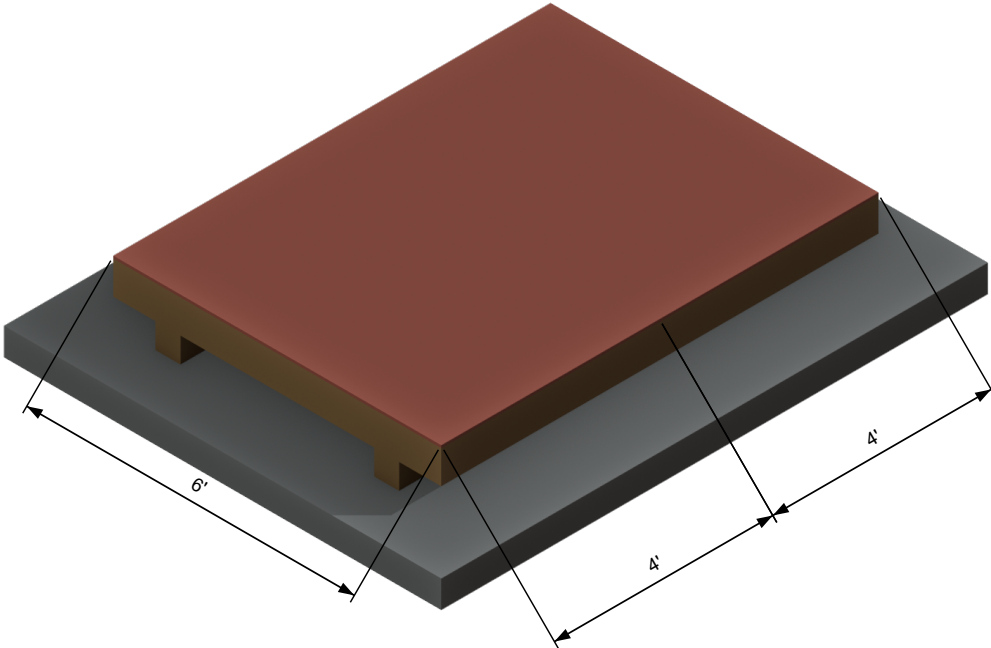
REFERENCE / BUILD CHECK

Reference p12. Two end gaps are 9.75 in; six inner gaps are 10.5 in. With nine 1.5 in joists, this closes the 96 in frame. The centre joist supports the plywood seam.

STEP 05 / 21

Lay the floor plywood

Cut two floor panels to 48 x 72 in. Dry-fit them with their meeting edges supported by the centre joist, then fasten with the spacing and edge gaps required by the panel supplier.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	9/16 in plywood	48 x 72 in	2

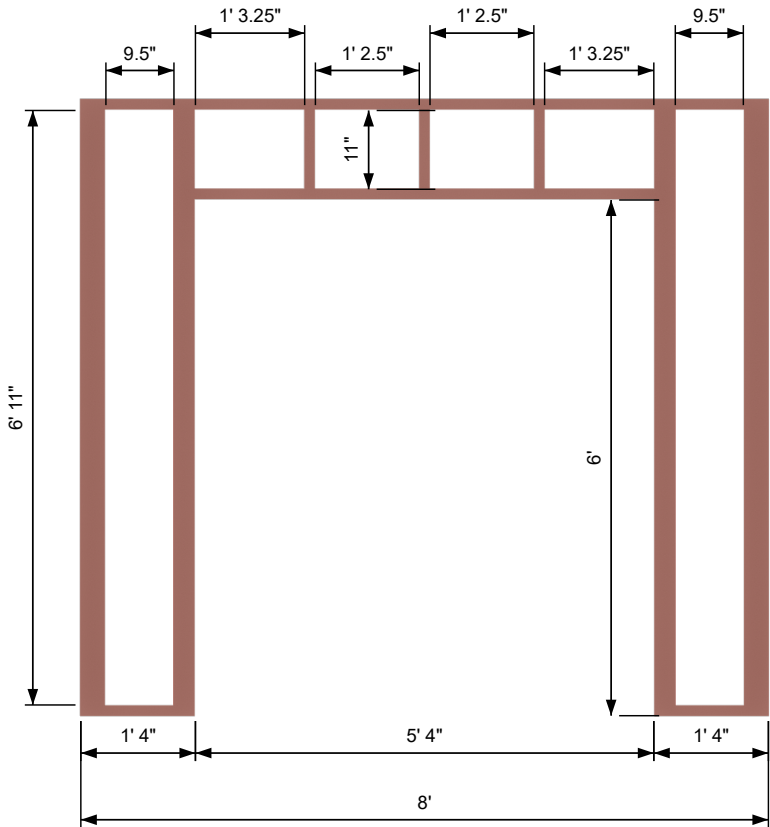
REFERENCE / BUILD CHECK

Reference p13. Seal exposed panel edges. The finished floor is 19.3125 in above the gravel-pad bottom; gravel surface is at 6 in. Confirm the actual threshold before fitting doors.

STEP 06 / 21

Frame the front wall

Assemble the front wall flat, keeping the 64 x 72 in door opening square. Fit the corner posts, paired jambs, flat header and three cripple studs, then raise and brace the wall.



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

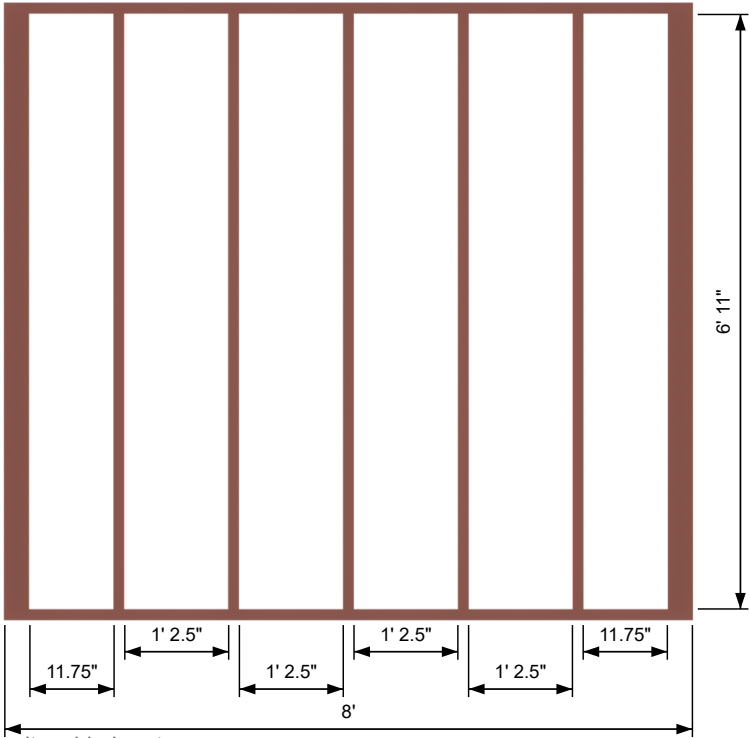
REFERENCE / BUILD CHECK

Reference p14. Source header butts between full-height jambs without bearing beneath its ends. Resolve header capacity, end connections and wall bracing before building.

STEP 07 / 21

Frame the back wall

Assemble the 96 in back wall with five inner studs and two square corner posts. Check its diagonals and stud spaces, then raise, plumb and brace it.



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 inner studs	83 in	5
3	2 x 4 top and bottom plates	96 in	2

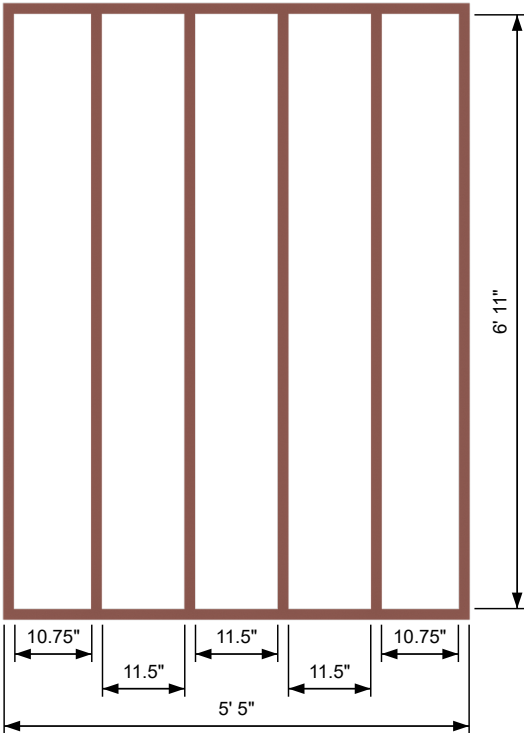
REFERENCE / BUILD CHECK

Reference p15. End clear spaces are 11.75 in, with four 14.5 in inner spaces. Check square and plumb before securing the wall to the floor.

STEP 08 / 21

Frame the side walls

Build two matching side-wall frames. Fit them between the front and back walls, plumb the corners, and secure the wall junctions and floor connections.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	2 x 4 studs	83 in	12
2	2 x 4 plates	65 in	4

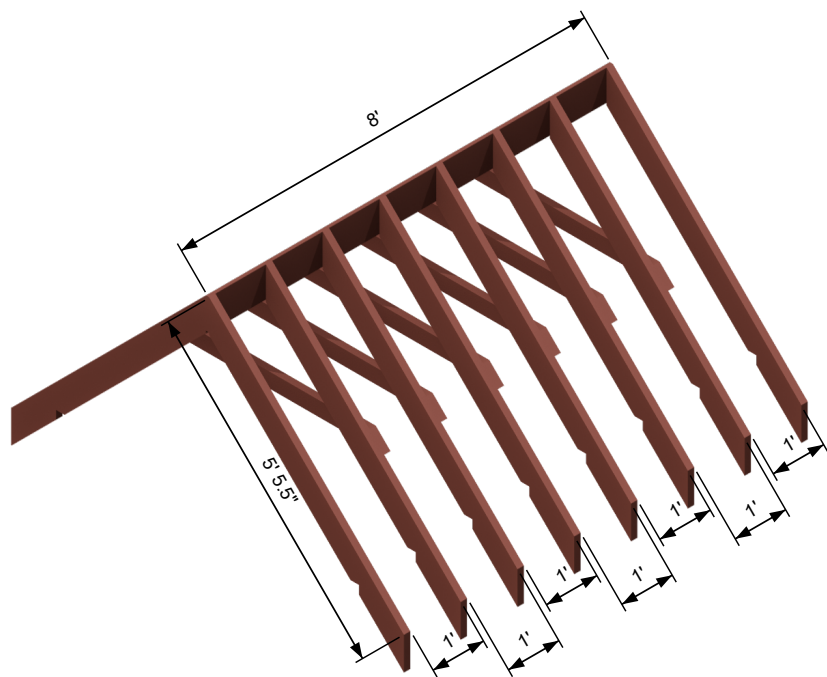
REFERENCE / BUILD CHECK

Reference p16. Each wall has six studs. Clear gaps are 10.75 / 11.5 / 11.5 / 11.5 / 10.75 in. Include all six 1.5 in stud widths when setting out the 65 in plates.

STEP 10 / 21

Assemble the roof frame

Cut and dry-fit eight rafter pairs at the drawn 45-degree pitch. Install the 96 in ridge and six collar ties; check each birdsmouth bears on the top plate before fixing the roof frame.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	2 x 6 rafters	65.5 in top edge; 45-degree pitch	16
2	1 x 8 ridge board	96 in	1
3	2 x 4 collar ties	54 in bottom edge	6

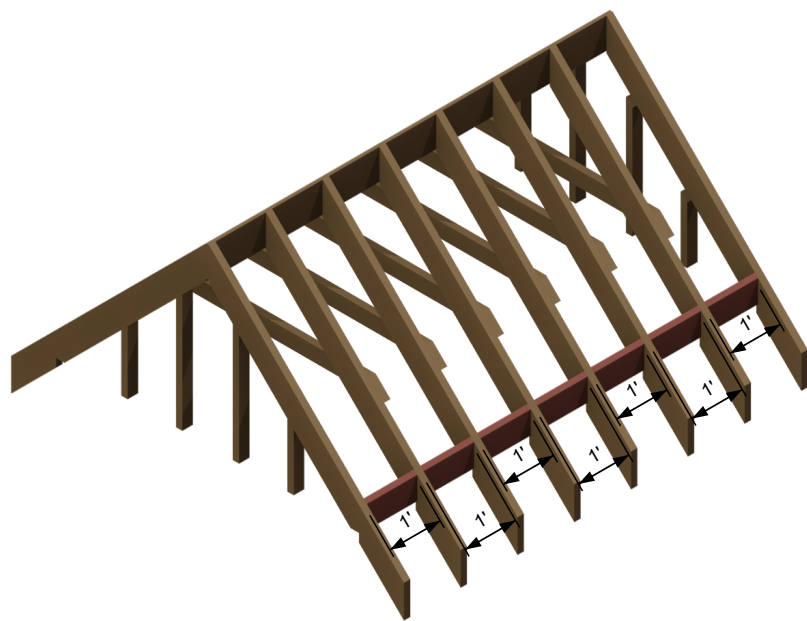
REFERENCE / BUILD CHECK

Reference pp18-19. Seven clear rafter bays are 12 in. Collar underside fits 14.778 in above the upper bearing plate versus 14.75 in source. Seat/tail labels also conflict; see premium detail. Connections and roof restraint remain to be specified.

STEP 12 / 21

Close the rafter bays

Cut fourteen 12 in closure boards. Bevel their upper edges to the roof, dry-fit between the rafters, then secure without obstructing the specified ventilation path.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	Rafter-bay closure boards	12 in; source section 0.75 x 5.75 in	14

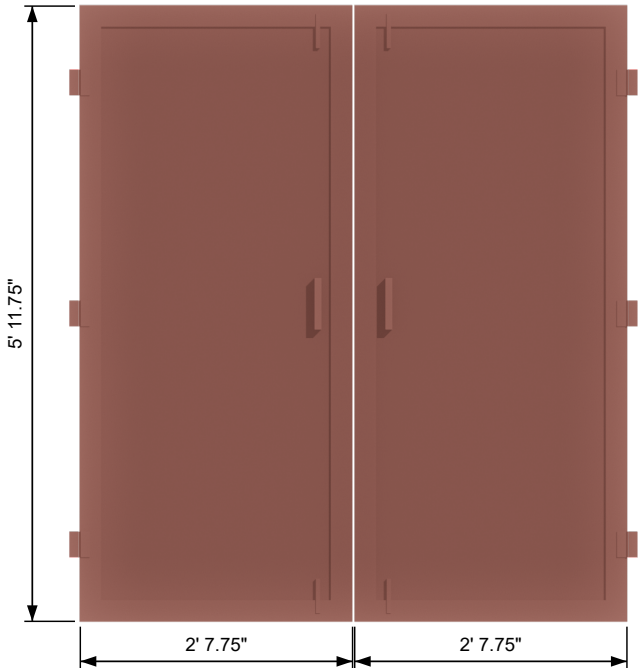
REFERENCE / BUILD CHECK

Reference p21. Its 128-degree bevel and section heights conflict with the 45-degree model roof. Fitted high/low edges are 6.153 / 5.403 in. Resolve stock width and bevel before cutting; see premium detail.

STEP 17 / 21

Build and hang the doors

Build two door frames, add plywood, then fit siding and face trim. Hang each leaf on three hinges and fit its pull and two surface bolts; check both leaves through their full swing.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	Each 2 x 4 door frame	2 x 71.75 in; 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

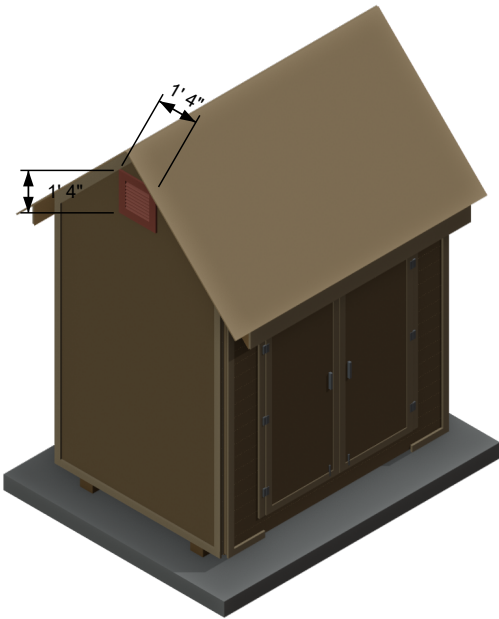
REFERENCE / BUILD CHECK

Matching 30-page reference variant pp25-26 supplies doors omitted from the primary. Each leaf is 31.75 x 71.75 in in a 64 x 72 in opening. Check hardware support, clearance and sag resistance. Layer details follow in premium.

STEP 19 / 21

Fit the gable vents

Fit one louver vent in each gable. Seal and flash the openings to the selected product instructions, retaining the required net free ventilation area.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	Square louver gable vent	Nominal 12 x 12 in	2
2	Outside trim assembly	16 x 16 in outside	2

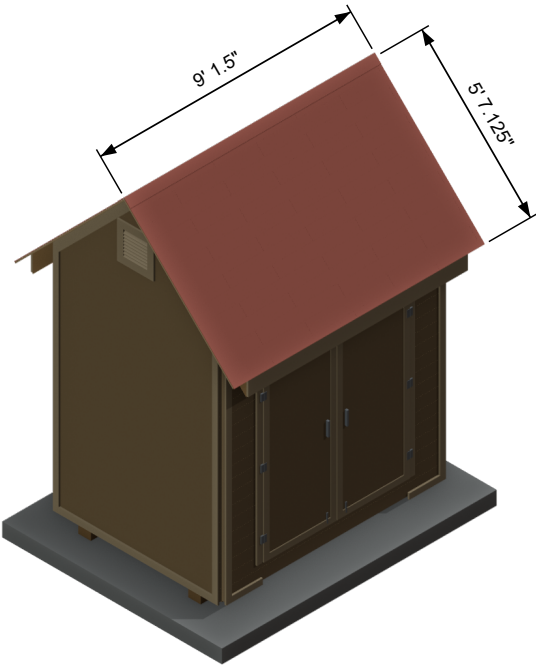
REFERENCE / BUILD CHECK

Reference p27: nominal 12 x 12 in vent; 16 x 16 in outside trim. Framed louvers are schematic. Confirm the product's rough opening and flashing before cutting.

STEP 20 / 21

Install the roof covering

Install drip edge and #15 underlay in the product's required lap order. Lay shingles and ridge caps, maintaining specified exposure, edge projections and ventilation.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	#15 paper / asphalt shingles	At least 102.1 ft2 net; add laps and waste	To suit
2	Metal drip edge	40.63 ft net eaves and rakes; add laps	To suit

REFERENCE / BUILD CHECK

Approved 109.5 x 67.125 in deck per slope supersedes p28's 64.25 in finished slope. Original 100 ft2 shingles and 16 ft drip allowances do not cover the revised roof. Add product-specific waste, caps and laps to net quantities.

STEP 21 / 21

Decorate and finish

Sand exposed edges, apply the chosen exterior finish and protect cut ends. Check door operation, roof drainage, ventilation and all fixings before putting the shed into use.



Finished model in the approved colours.

Pos.	Part / material	Cut dimensions / fit	Qty
1	Exterior finish and end-grain sealer	Selected product coverage	To suit

REFERENCE / BUILD CHECK

Reference p29. Retain the approved natural-wood appearance or choose a suitable exterior coating. Inspect periodically and maintain the roof, finish and door hardware.

6 x 8 FT STORAGE SHED

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