

THE DIYCRAFT PLAN COLLECTION

4 x 6

Storage Shed Plan



FREE PREVIEW

12 selected steps + model views

4 x 6 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

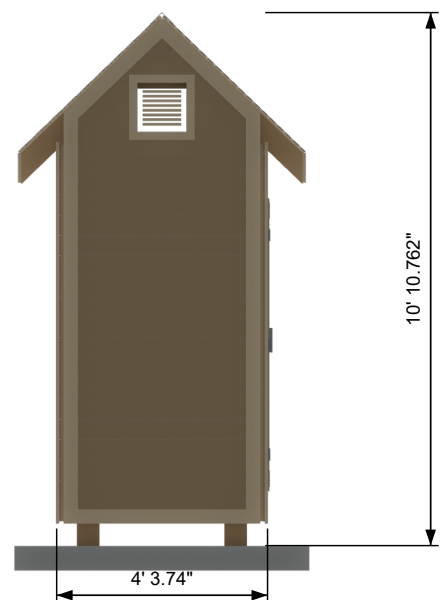
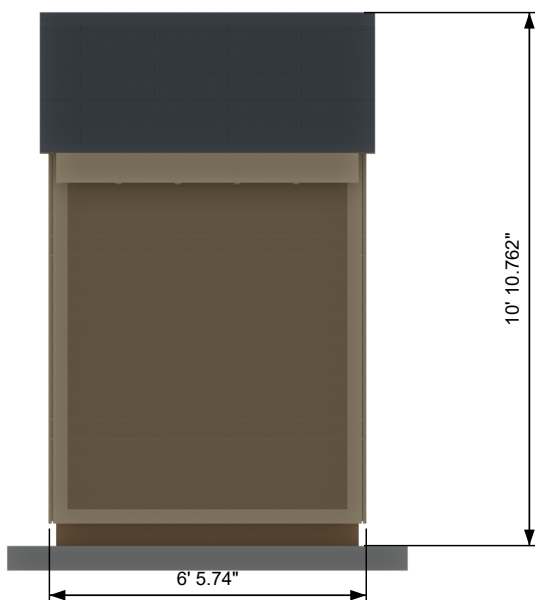
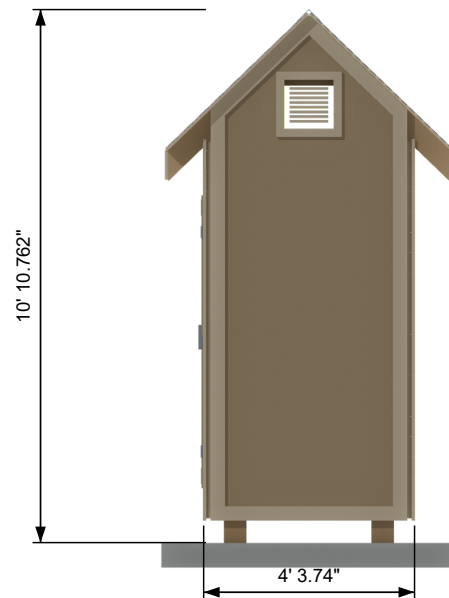
Features	Free plan	Premium
Steps included	12	21
Illustrations for each included step	✓	✓
Print-ready drawings	✓	✓
Step-by-step instructions	✓	✓
Full materials and cutting list		✓
Additional construction illustrations		✓
Additional cut and joint drawings		✓
Tools list		✓
Fasteners and hardware list		✓
Full-page lumber-size reference		✓
Technical support		✓

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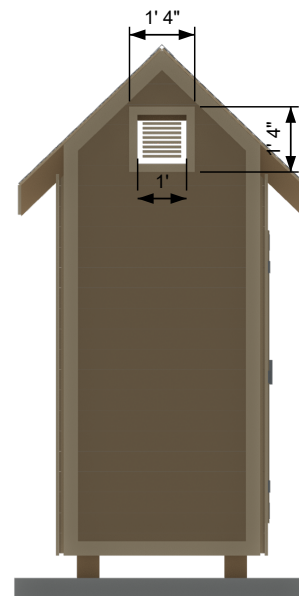
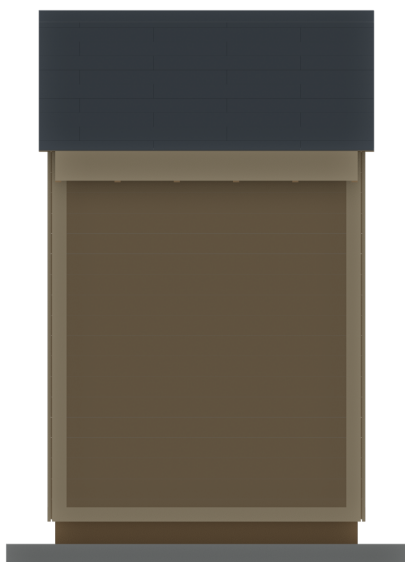
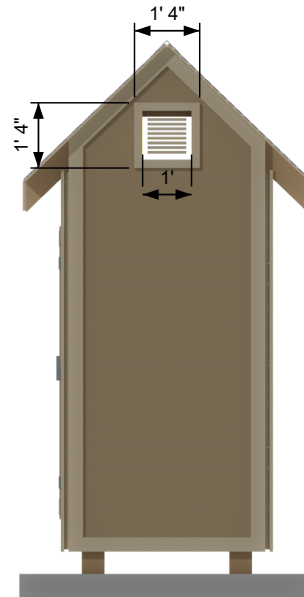
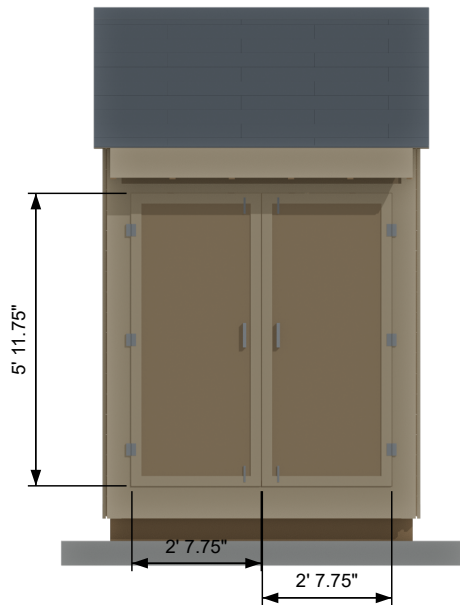
4 x 6 FT STORAGE SHED

Size & Dimensions



4 x 6 FT STORAGE SHED

Door & Vent Positions



4 x 6 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.

4 x 6 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.

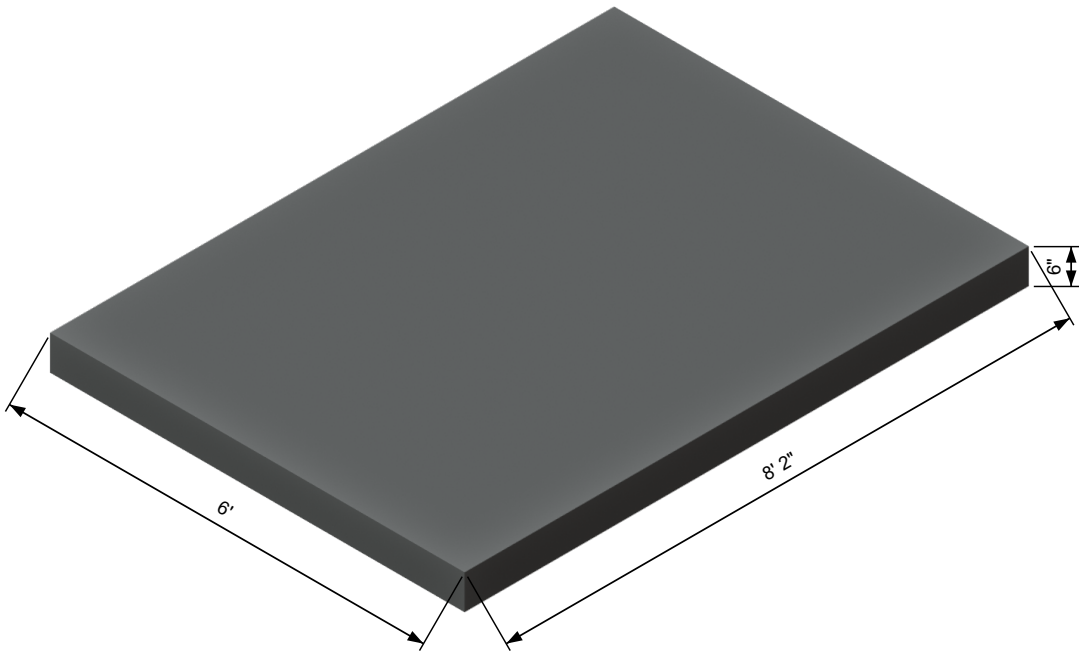
MODEL SCOPE

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 98 x 72 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	98 x 72 x 6 in finished	0.907 yd3*
2	Separation fabric	98 x 72 in plus laps	To suit

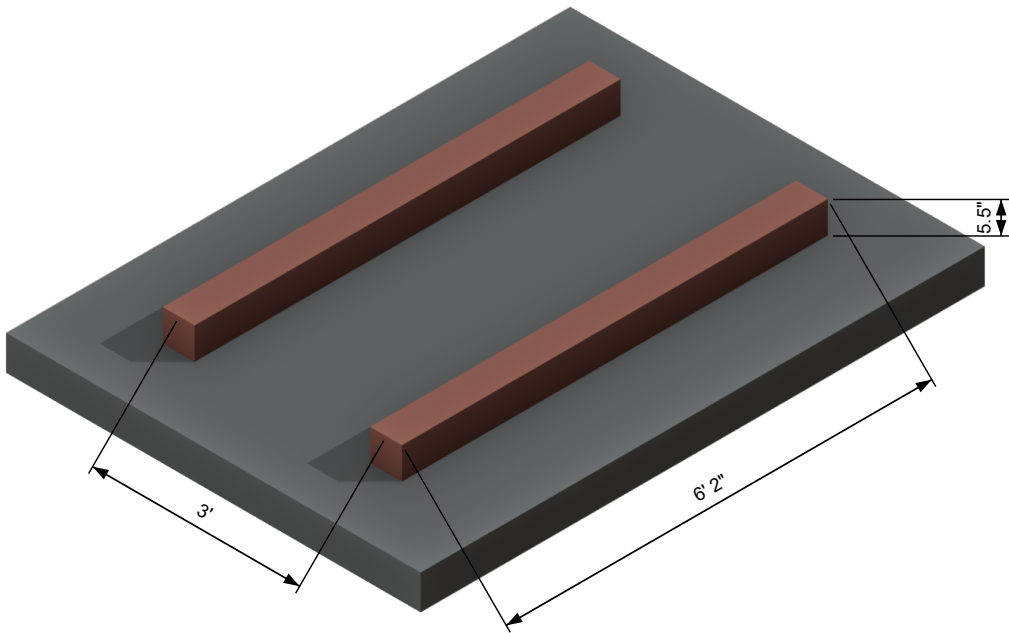
REFERENCE / BUILD CHECK

Owner-approved skid foundation replaces reference pp8-9. *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 74 in. Set them parallel on the level gravel with centres 36 in apart. Square their ends and confirm the full lengths bear evenly 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	74 in; actual 5.5 x 5.5 in	2
2	Skid layout	36 in centres; 6 in from frame edges	1 set

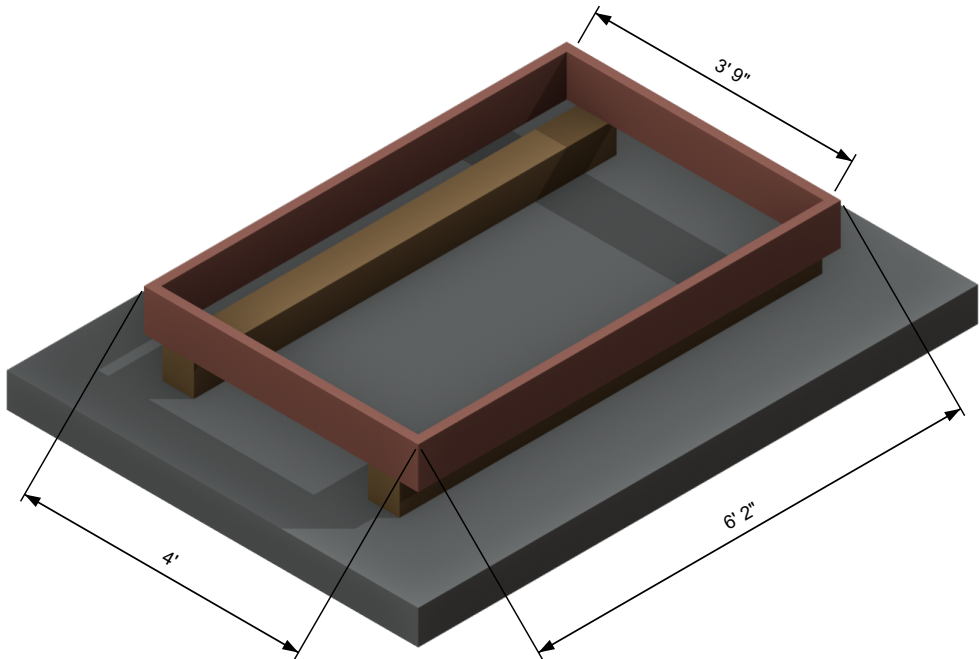
REFERENCE / BUILD CHECK

Owner-approved foundation. The 74 x 48 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 74 x 48 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	74 in	2
2	2 x 8 treated end joists	45 in between rims	2

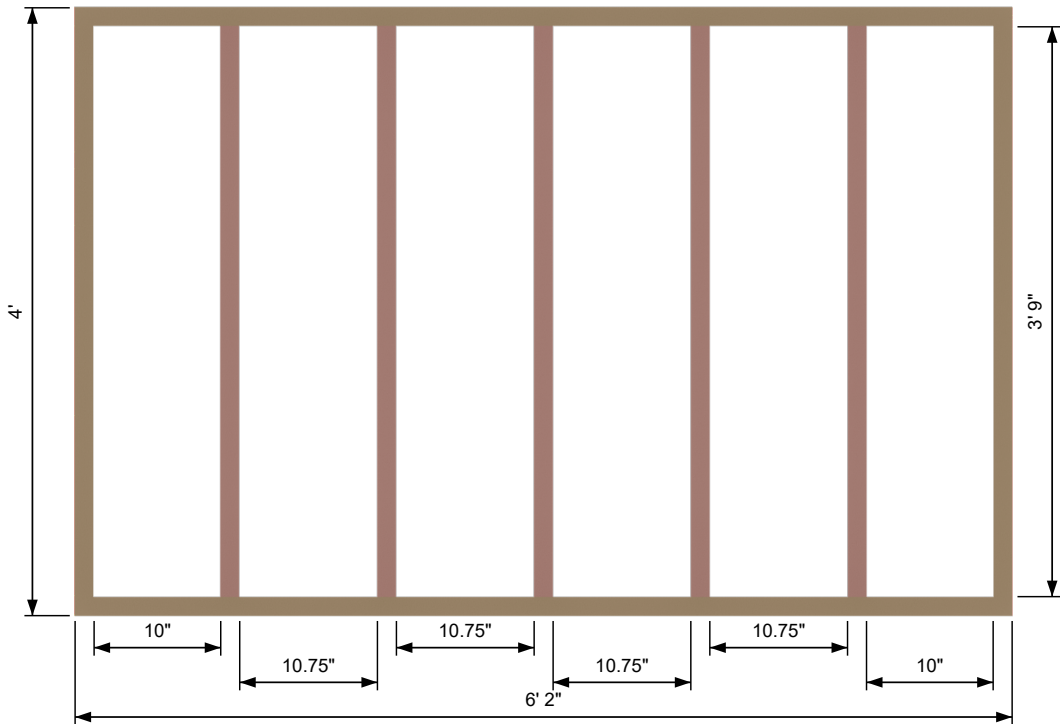
REFERENCE / BUILD CHECK

Reference p10. 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 five additional 45 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	45 in	5
2	Complete floor frame	74 x 48 in; seven joists total	1

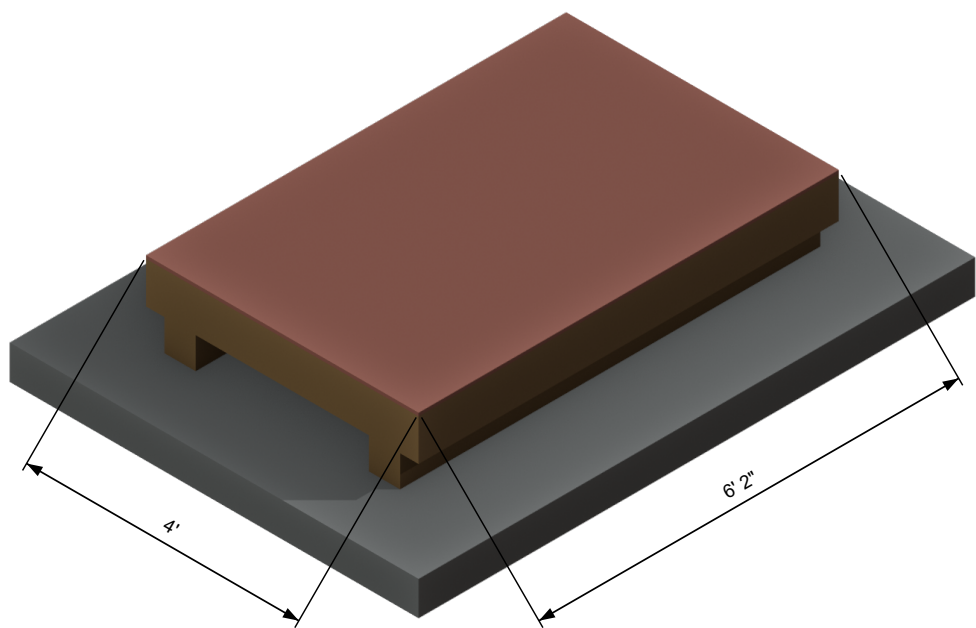
REFERENCE / BUILD CHECK

Reference p11 labels four inner gaps 10.75 in. That chain is 0.5 in short; the saved model fits four 10.875 in gaps. End gaps remain 10 in. Resolve the chain before setting out.

STEP 05 / 21

Lay the floor plywood

Cut one floor panel to 74 x 48 in. Dry-fit it on the frame, keep the edges supported, 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	74 x 48 in	1

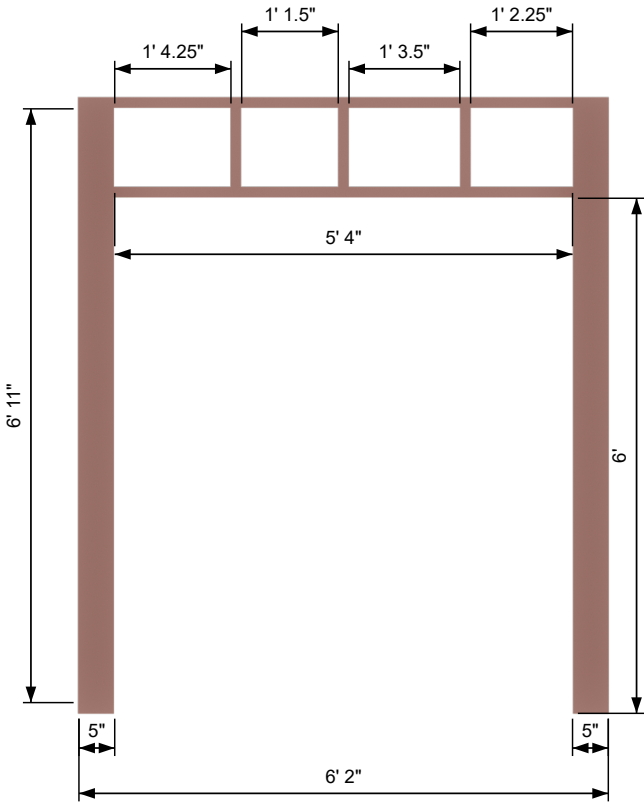
REFERENCE / BUILD CHECK

Reference p12. Seal exposed panel edges. The model floor/finish datum differs from the source trim datum by 1/16 in; check the door threshold before fixing finish boards.

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, 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 jambs	83 in	2 / 2
2	2 x 4 header / cripples	64 in / 11 in	1 / 3
3	2 x 4 top / bottom plates	74 in / 5 in	1 / 2

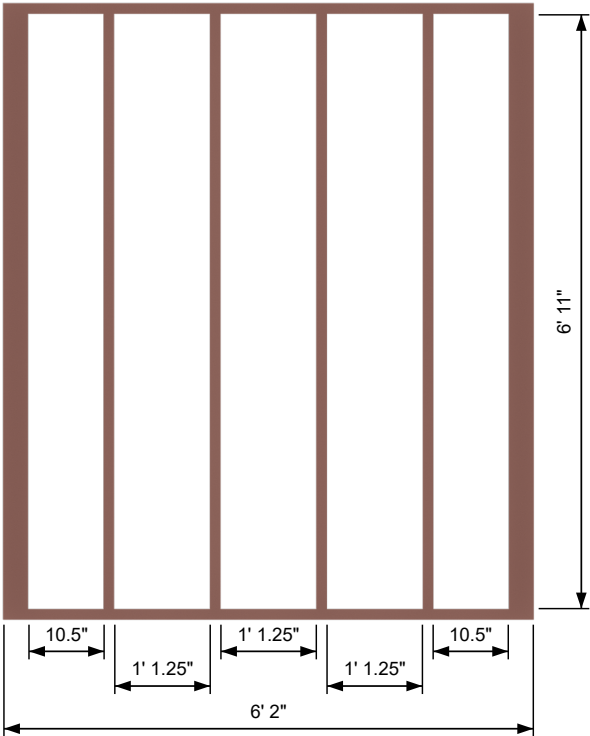
REFERENCE / BUILD CHECK

Reference p13. The source flat header butts between full-height jambs with no bearing beneath its ends. Resolve header capacity, end connections and wall bracing before building.

STEP 07 / 21

Frame the back wall

Assemble the 74 in back wall with four 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	4
3	2 x 4 top and bottom plates	74 in	2

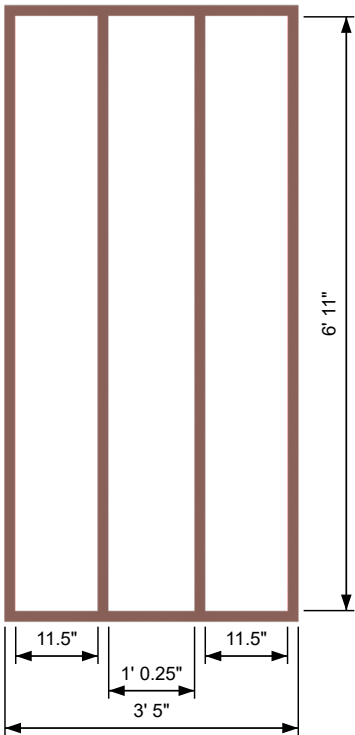
REFERENCE / BUILD CHECK

Reference p14 labels three inner clear spaces 13.25 in. They do not close the 74 in frame; the saved model fits 13.333 in. Keep 10.5 in end spaces and resolve the chain before cutting.

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	8
2	2 x 4 plates	41 in	4

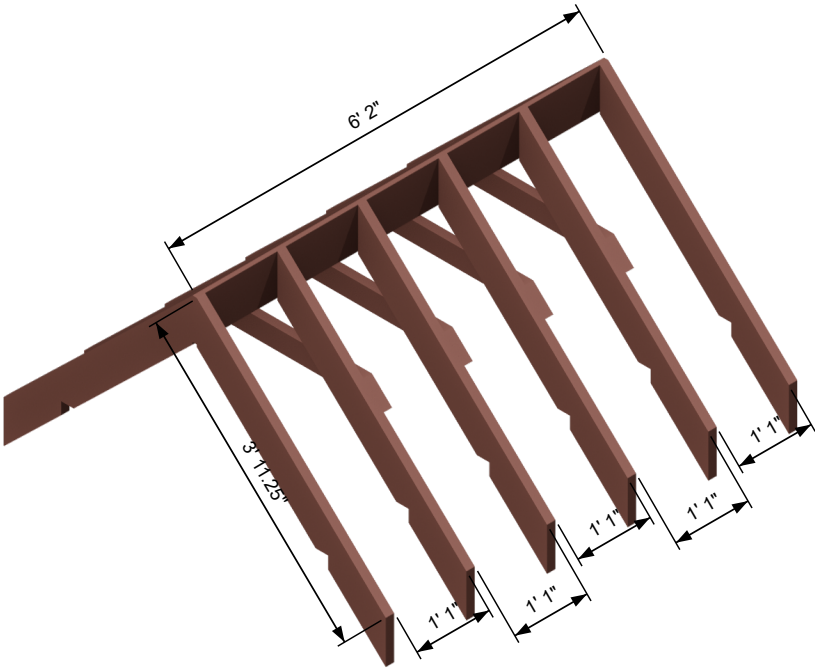
REFERENCE / BUILD CHECK

Reference p15. Each wall has four studs. Its 11.5 / 12.25 / 11.5 in clear-space chain is 0.25 in long; the model's middle space is 12 in. Confirm the layout before fastening.

STEP 10 / 21

Assemble the roof frame

Cut and dry-fit six rafter pairs at the drawn 44° pitch. Install the 74 in ridge and four 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	47.25 in top edge; 44° pitch	12
2	1 x 8 ridge board	74 in	1
3	2 x 4 collar ties	36 in	4

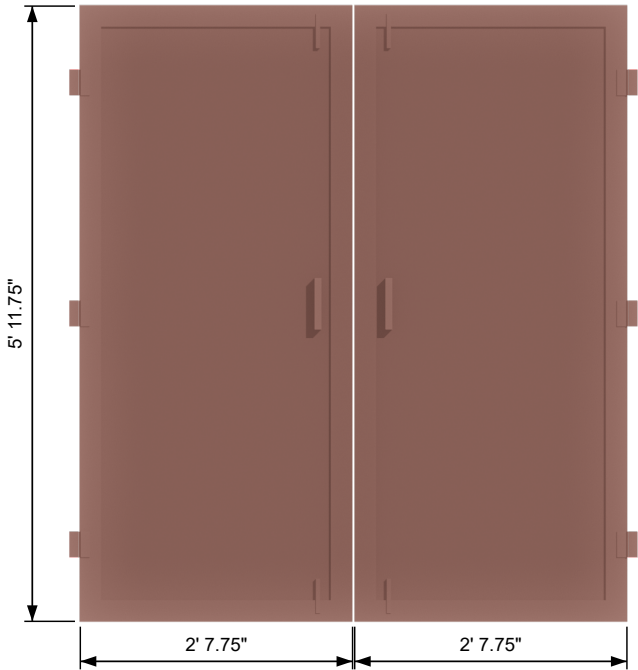
REFERENCE / BUILD CHECK

Reference pp17–18. Five clear rafter bays are 13 in. Rounded seat and tail labels differ; collar underside fits 11.267 in above plates versus 11.5 in source; see the premium rafter detail. Connections and roof restraint remain to be specified.

STEP 17 / 21

Build and hang the doors

Build the two door frames, add plywood, then fit the 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

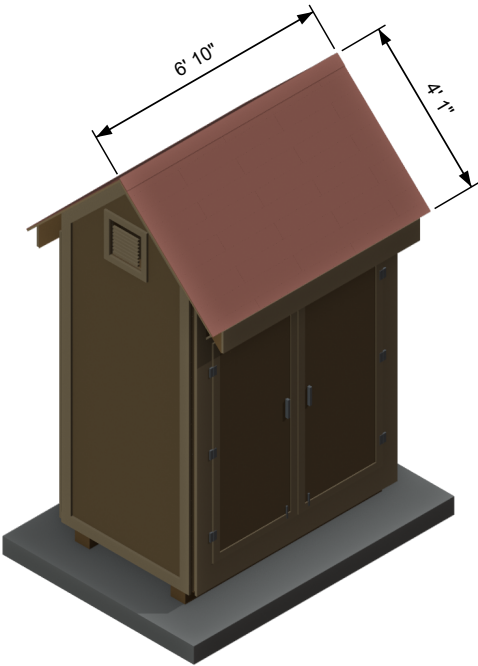
REFERENCE / BUILD CHECK

Reference pp25–26. Each finished leaf is 31.75 x 71.75 in in a 64 x 72 in rough opening. Check hardware support, clearance and sag resistance. Layer details follow in premium.

STEP 20 / 21

Install the roof covering

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



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	#15 building paper	Coverage, laps and waste to product	1 roll*
2	Asphalt shingles	82 x 49 in finish per slope	60 ft ² *
3	Metal drip edge	Check complete edge layout	14 ft*

REFERENCE / BUILD CHECK

Reference p29. *Original allowances; verify purchase quantities. Finished coverage is labelled 49 in while plywood is 48 in along the slope. Confirm the selected roof-edge build-up.

STEP 21 / 21

Decorate and finish

Sand exposed edges, apply the chosen exterior finish and protect all 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 p30. Retain the approved natural-wood appearance or choose a suitable exterior coating. Inspect periodically and maintain the roof, finish and door hardware.

4 x 6 FT STORAGE SHED

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