

THE DIYCRAFT PLAN COLLECTION

10 x 20

Storage Shed Plan



FREE PREVIEW

12 selected steps + model views

10 x 20 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		✓

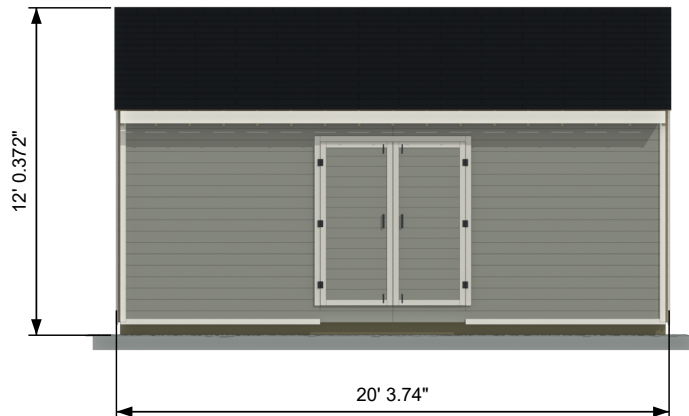
BUY NOW

30-day money-back guarantee

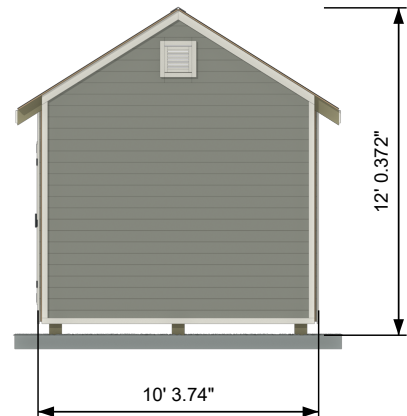
10 x 20 FT STORAGE SHED

Size & Dimensions

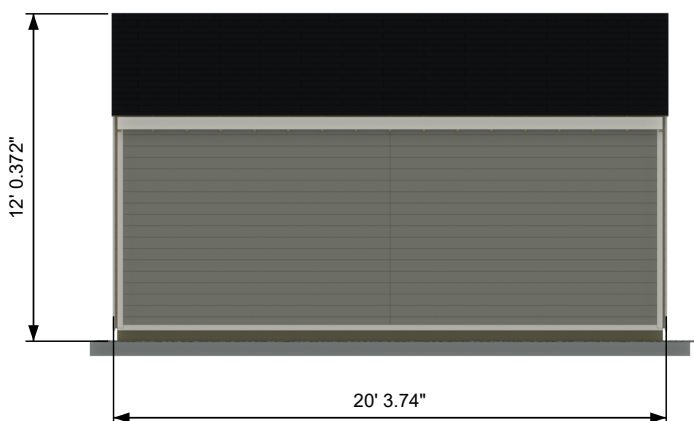
Front



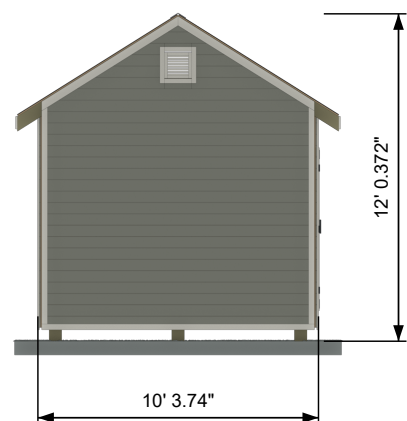
Right



Back



Left



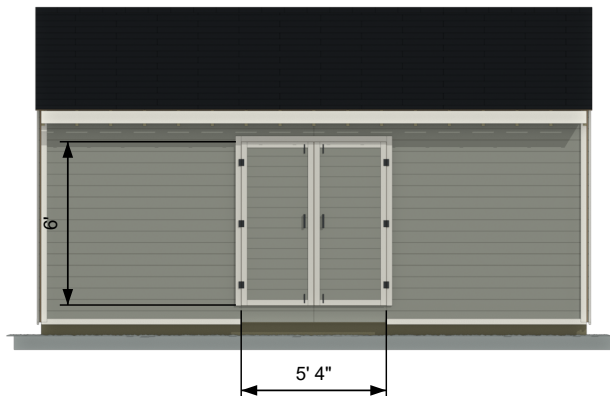
MEASUREMENT BASIS

Dimensions are from the saved 10 x 20 model over the revised skid-and-gravel foundation. Confirm site levels and anchorage.

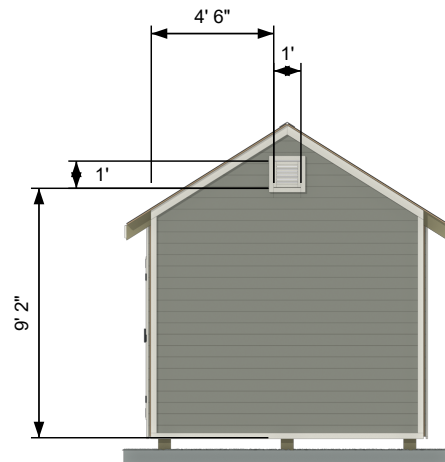
10 x 20 FT STORAGE SHED

Door & Vent Positions

Front



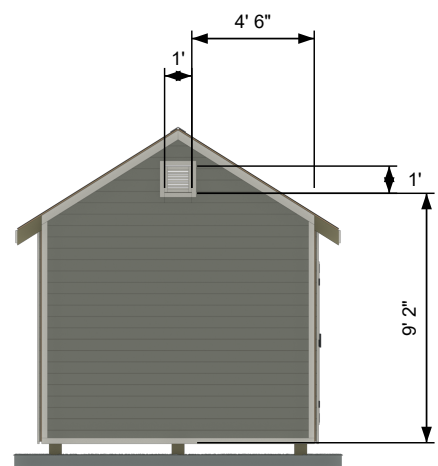
Right



Back



Left



MEASUREMENT BASIS

Door openings and vent positions use the saved model geometry. Confirm selected hardware and vent clear area.

10 x 20 FT STORAGE SHED

Model View



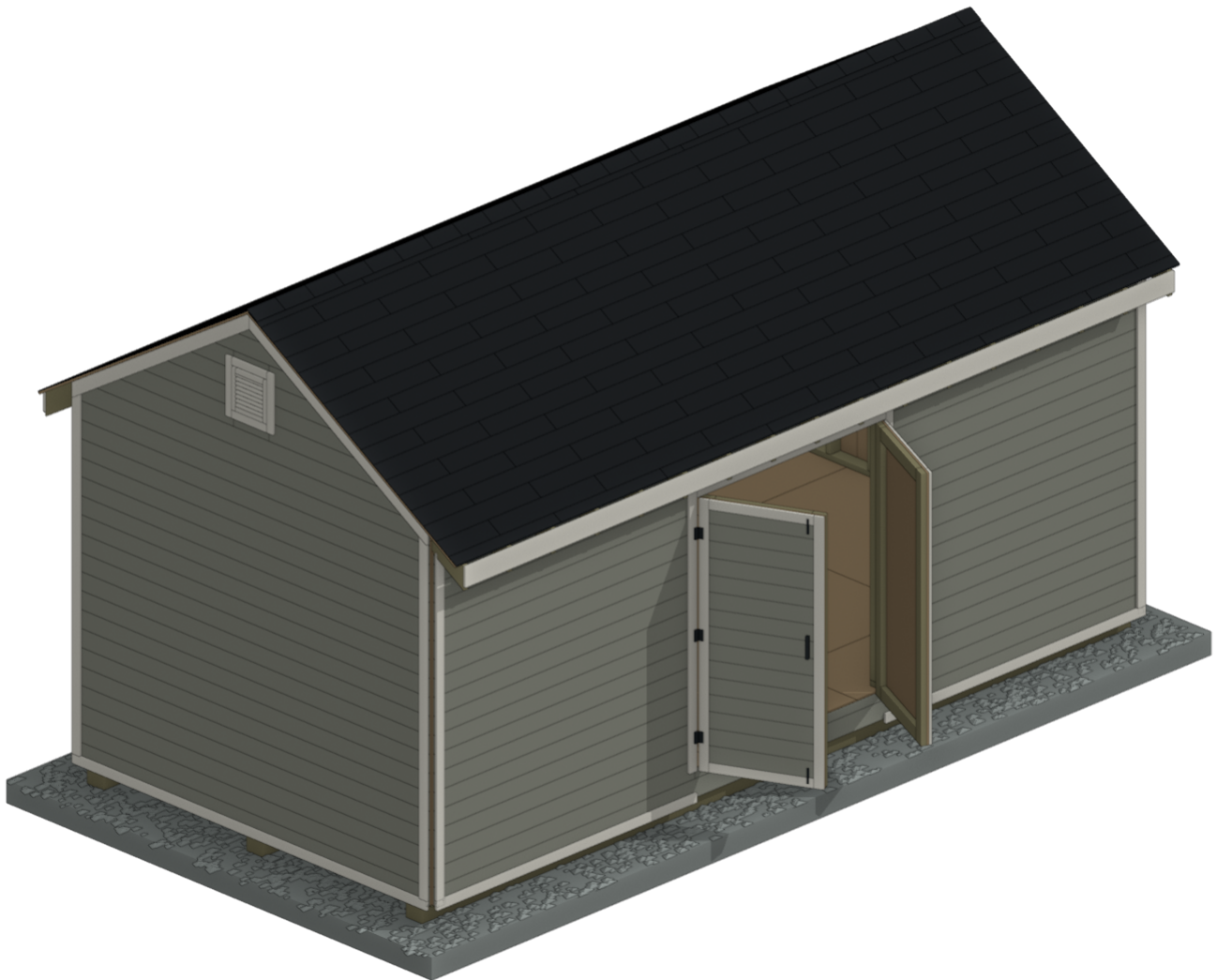
Finished construction model with natural timber siding, light trim, charcoal roofing and three treated skids over gravel.

MODEL SCOPE

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

10 x 20 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.

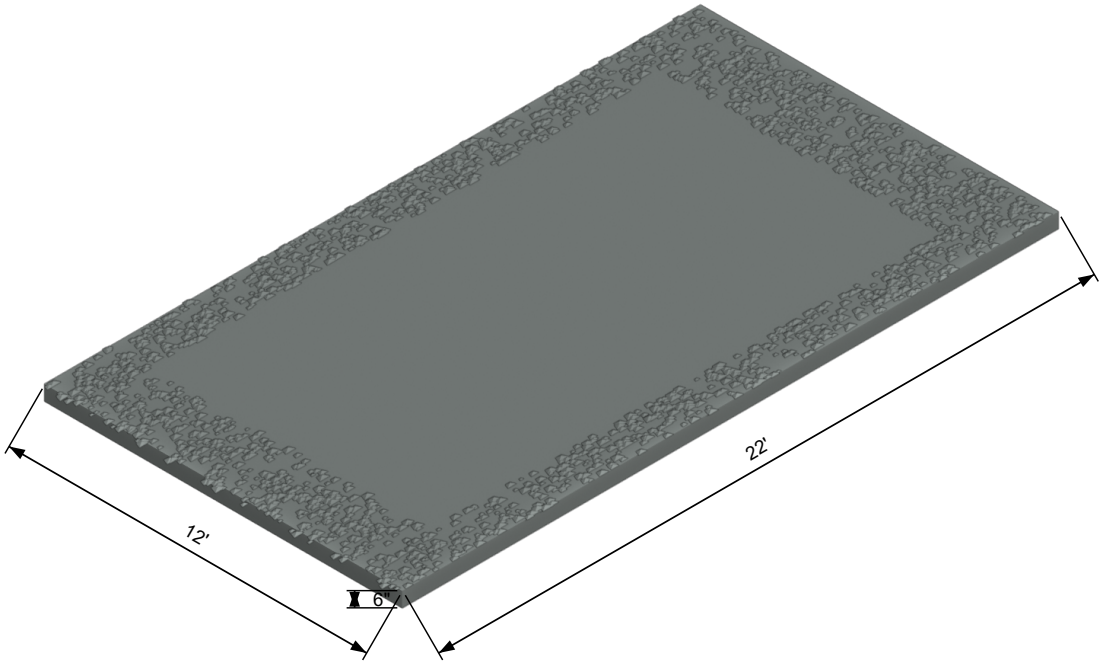
MODEL SCOPE

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 a 22 x 12 ft pad, remove unsuitable soil and compact 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	264 x 144 x 6 in finished	4.89 yd3*
2	Separation fabric	264 x 144 in plus laps	To suit

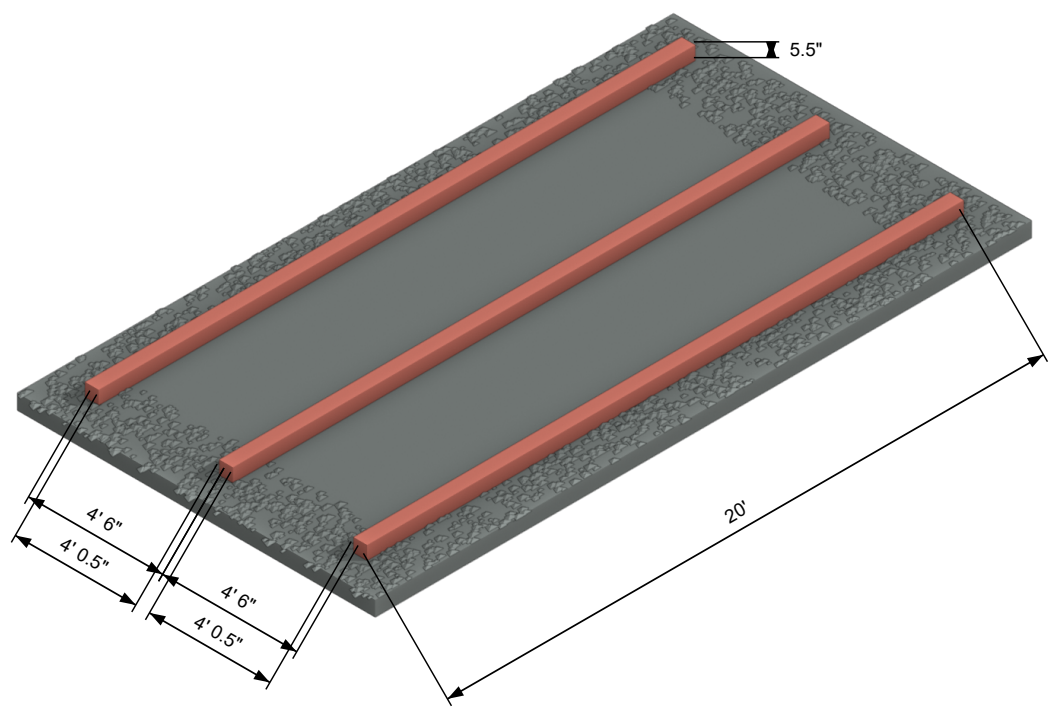
REFERENCE / BUILD CHECK

Revised skid foundation replaces the original 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 240 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	240 in; actual 5.5 x 5.5 in	3
2	Skid layout	54 in centres; 48.5 in clear	2 spaces

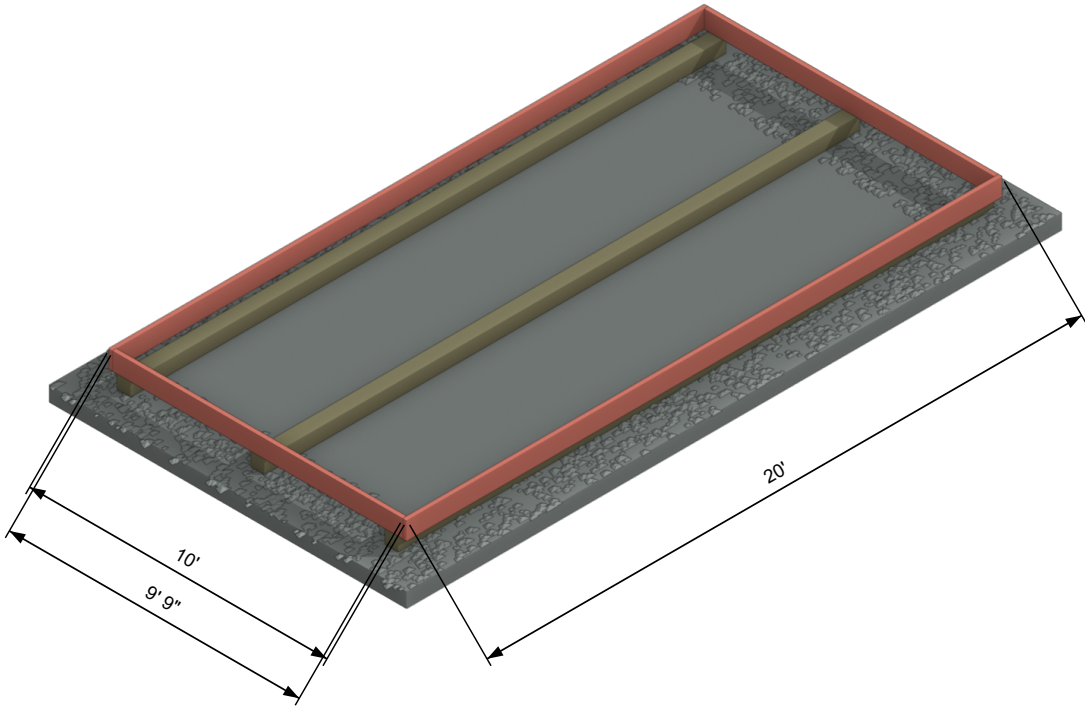
REFERENCE / BUILD CHECK

Set the skids on continuous, level bearing. Confirm their spacing and the pad margin against the dimensioned figure.

STEP 03 / 21

Assemble the floor perimeter

Join two rim joists and two end joists into a square 240 x 120 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	240 in	2
2	2 x 8 treated end joists	117 in between rims	2

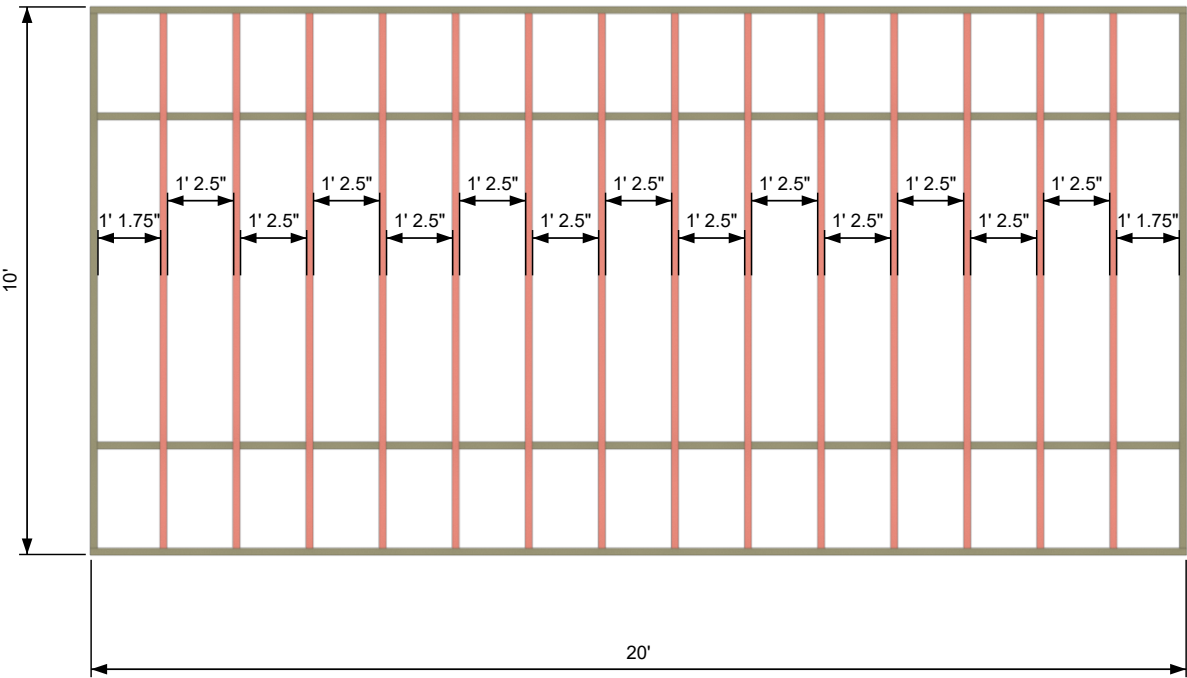
REFERENCE / BUILD CHECK

Reference p10. Verify each frame connection and all three skid bearings.

STEP 04 / 21

Install the floor joists

Fit fourteen additional 117 in joists. Set out the clear gaps shown, supporting every plywood seam.



Muted red identifies this assembly or its added parts.

Pos.	Part / material	Cut dimensions / fit	Qty
1	2 x 8 treated inner joists	117 in	14
2	Complete floor frame	240 x 120 in; sixteen joists total	1

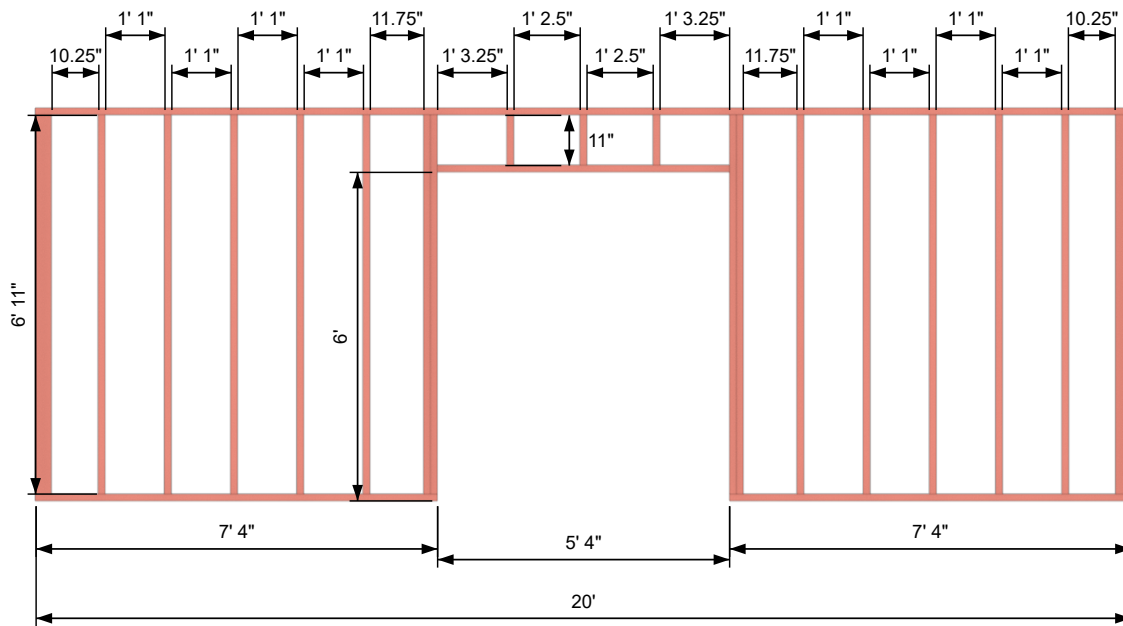
REFERENCE / BUILD CHECK

Reference p11. Follow the shown clear bays; confirm each joist connection and all panel seams before fixing.

STEP 06 / 21

Frame the front wall

Build the front frame flat, keeping the 64 x 72 in doorway square. Fit the 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 / 14
2	2 x 4 header / cripples	64 in / 11 in	1 / 3
3	2 x 4 top / bottom plates	240 in / 88 in	1 / 2

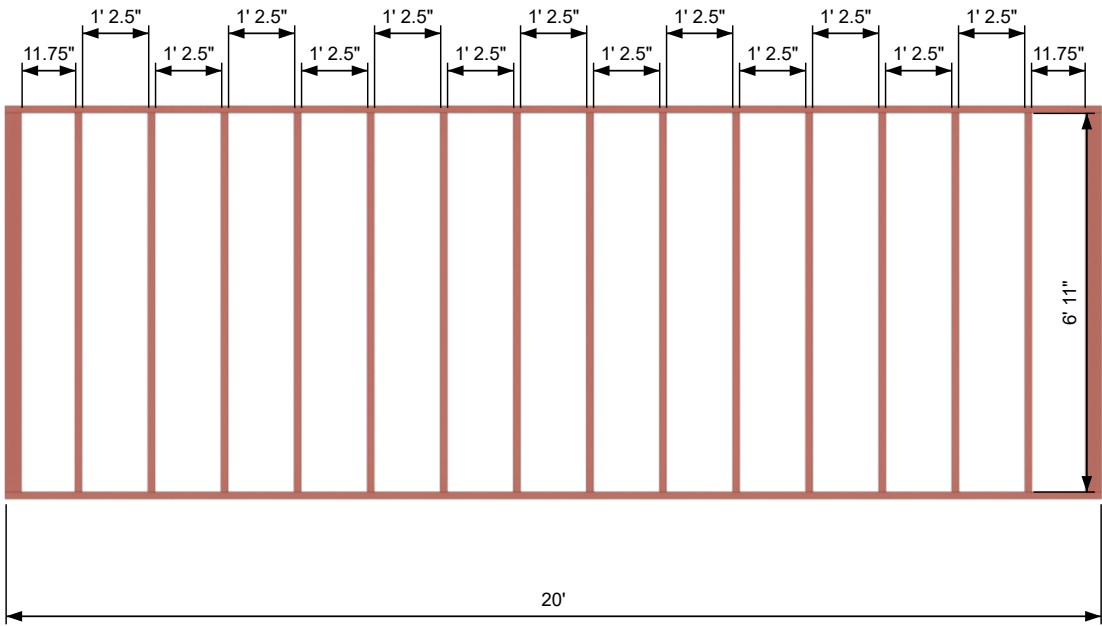
REFERENCE / BUILD CHECK

Reference p13. The header is drawn flat and butts into jambs; confirm its bearing and connections before loading.

STEP 07 / 21

Frame the back wall

Assemble the 240 in back frame with fourteen 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	14
3	2 x 4 top and bottom plates	240 in	2

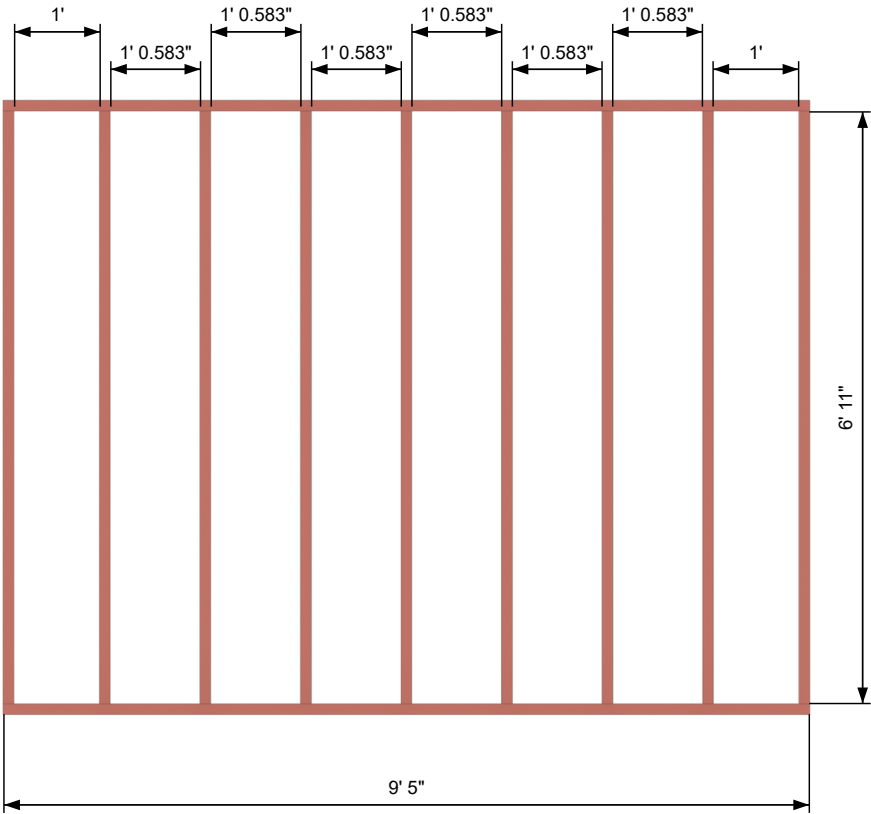
REFERENCE / BUILD CHECK

Reference p14. Lay out all clear bays from the saved frame and verify the connections before raising.

STEP 08 / 21

Frame the side walls

Build two matching 113 in wall frames with nine 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	18
2	2 x 4 plates	113 in	4

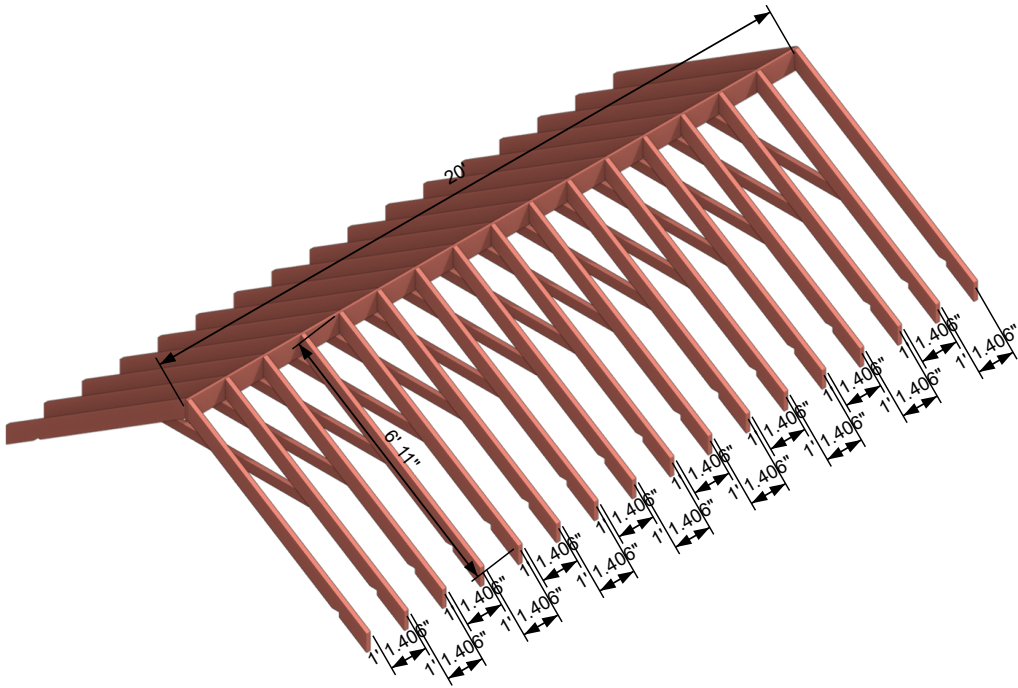
REFERENCE / BUILD CHECK

Reference p15. Fit the clear bays from the saved frame. Confirm wall-to-wall connections and bracing.

STEP 10 / 21

Assemble the roof frame

Dry-fit seventeen rafter pairs at 32 degrees with the 240 in ridge and fifteen collar ties. Check 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	83 in source top edge	34
2	1 x 8 ridge board	240 in	1
3	2 x 4 collar ties	71.75 in lower edge	15

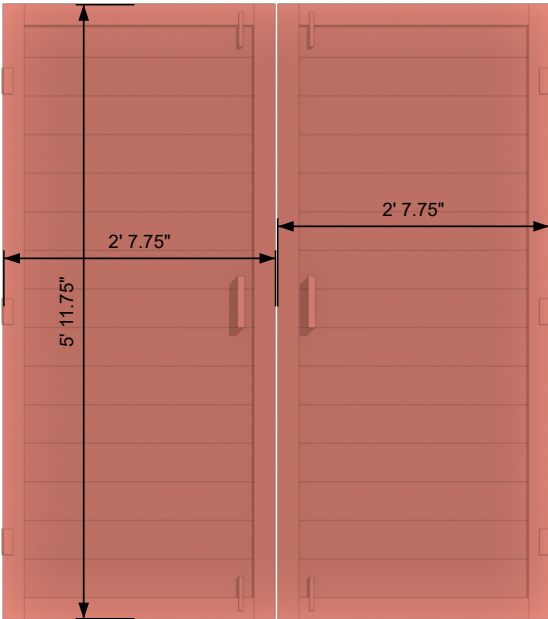
REFERENCE / BUILD CHECK

Reference pp17-18. Dry-fit a trial pair, verify the complete roof restraint and connections, then repeat the cuts. The saved frame uses equal rafter bays.

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 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

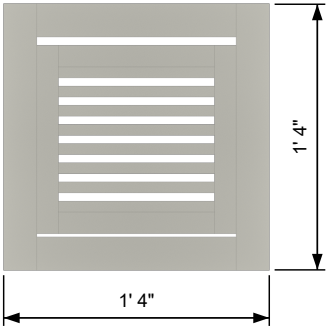
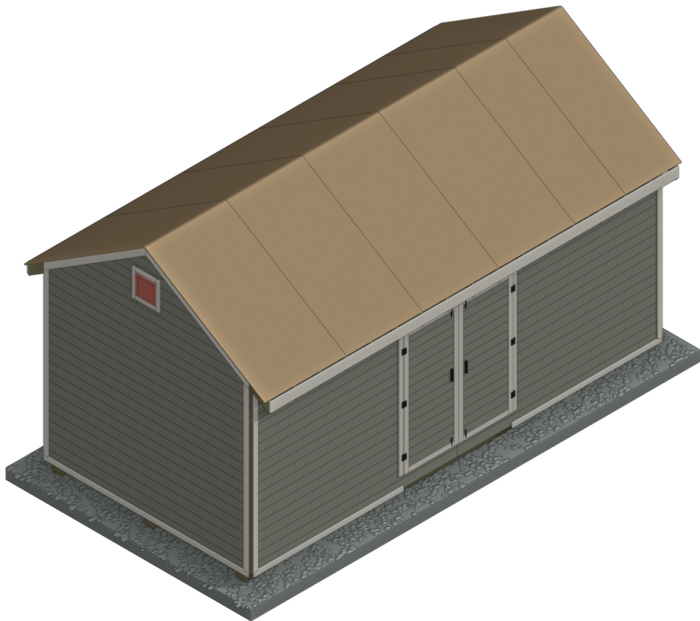
REFERENCE / BUILD CHECK

Reference pp25-26. Saved hardware uses three hinges per leaf. Confirm hinge support, door bracing and product fixings for the finished leaf weight.

STEP 19 / 21

Fit the gable vents

Install a complete louver vent in each gable opening. Flash and seal each unit without closing the ventilation channels.



Muted red identifies this assembly or its added parts.

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

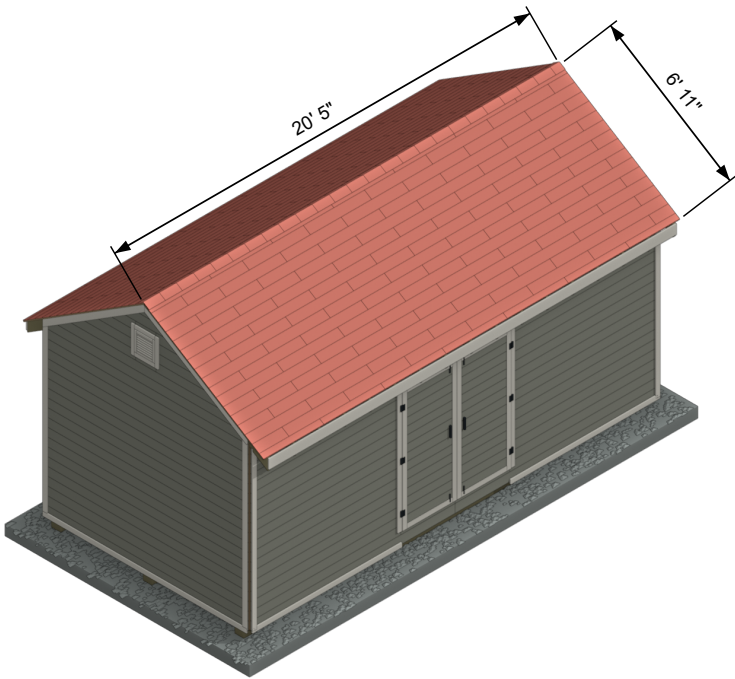
REFERENCE / BUILD CHECK

Reference p28. Confirm each purchased vent's rough opening, flashing and net free area.

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	Roof area plus laps and waste	To suit
2	Source shingle allowance	300 ft2	Verify
3	Drip edge	Eaves and rakes plus laps	To suit

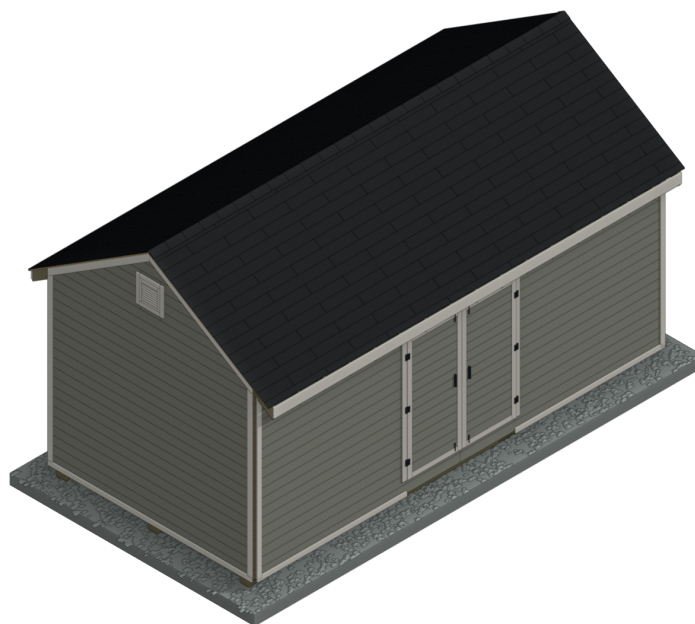
REFERENCE / BUILD CHECK

Reference p29. Verify the full weather-edge support, 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 doors, drainage, ventilation and fixings before use.



Finished model in the selected colours.

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

REFERENCE / BUILD CHECK

Reference p30. Inspect and maintain the roof, finish and door hardware regularly.

10 x 20 FT STORAGE SHED

Copyright



DIYCraft

Practical plans for your next project.

Copyright

Copyright © 2026 DIYCraft. All rights reserved in the original text, illustrations and page artwork in this edition. You may save and print a copy for your own project. You may share a link to the official DIYCraft website. Do not resell, republish, upload or distribute this PDF or its artwork without written permission, except where the law permits. Third-party rights remain with their respective owners.

diycraft.store