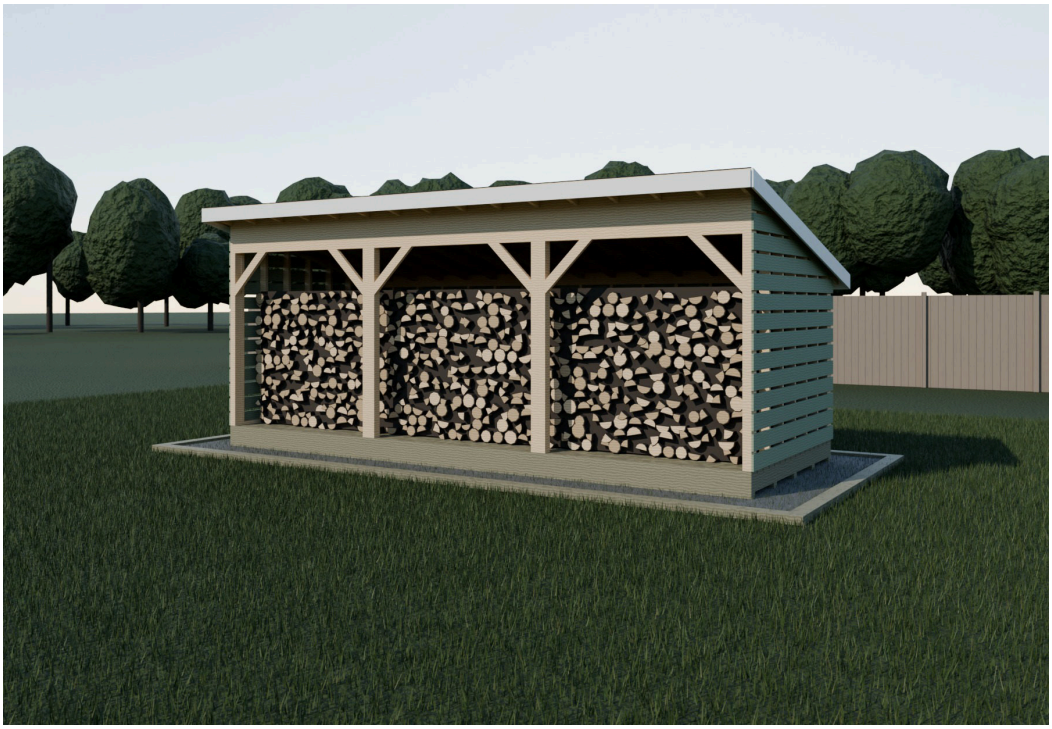
8X20 FIREWOOD SHED PLAN

FREE PREVIEW | Footprint 8 x 20 ft (160 sq ft)



Get the full 8x20 firewood plan

47 pages: material list, cut list, every measurement and a drawing for each step, from the skids to the slats. Instant PDF download.

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Get the full plan

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Look inside the full plan

Real pages from the 47-page 8x20 firewood plan. The free preview shows the shape of the build; the full plan gives you the numbers to buy and cut once.

FULL PLAN

Wall slats and braces

Wall slats and braces: item	Qty	Used for
2x4 x 14 ft	1	Knee brace (45 deg both ends, front posts to header) (6 @ 2' 2 7/8")
Pressure-treated 1x6 x 10 ft	22	Side wall slat (1x6, 1 in gaps) (20 @ 8' 0 3/4"); Side wall slat (1x6, 1 in gaps, back end cut to the roof slope) (2 @ 8' 0 1/2")
Pressure-treated 1x6 x 12 ft	1	Side wall slat (1x6, 1 in gaps, back end cut to the roof slope) (2 @ 5' 10 1/2")
Pressure-treated 1x6 x 8 ft	1	Side wall slat (1x6, 1 in gaps, back end cut to the roof slope) (2 @ 3' 8 1/2")
Side wall slat (1x6, 1 in gaps, back end cut to the roof slope, ripped to 4.625 in): PT 1x6, 2 @ 1' 6 1/2"	-	Not bought separately: cut from the side wall slat offcuts

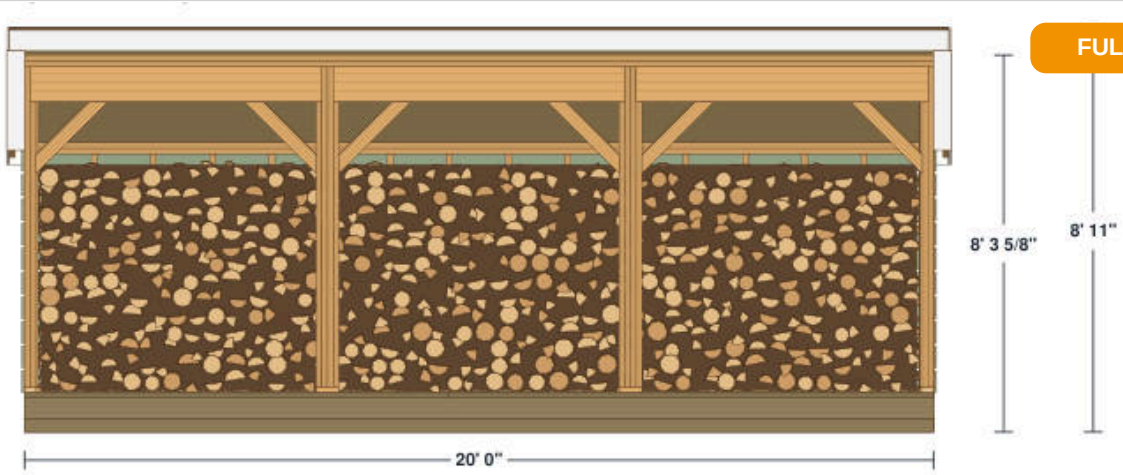
Roof framing

Roof framing: item	Qty	Used for
2x4 x 12 ft	18	Rafter (16 @ 10' 4 9/16"); Fly rafter (rake) (2 @ 10' 4 9/16")
2x4 x 16 ft	2	Blocking between rafters (over each wall) (26 @ 1' 2 1/2")
Lookout block (rake overhang): 2x4, 12 @ 2 1/2"	-	Not bought separately: cut from the left wall stud and right wall stud offcuts
Blocking between rafters (over each wall): 2x4, 4 @ 1' 1 3/4"	-	Not bought separately: cut from the left wall stud and right wall stud offcuts

Material list

Every board, sheet and fastener with quantities. Continues in the full plan.

FULL PLAN



RIGHT ELEVATION

Every measurement

Front, side and back views with dimensions, then one drawing per step.

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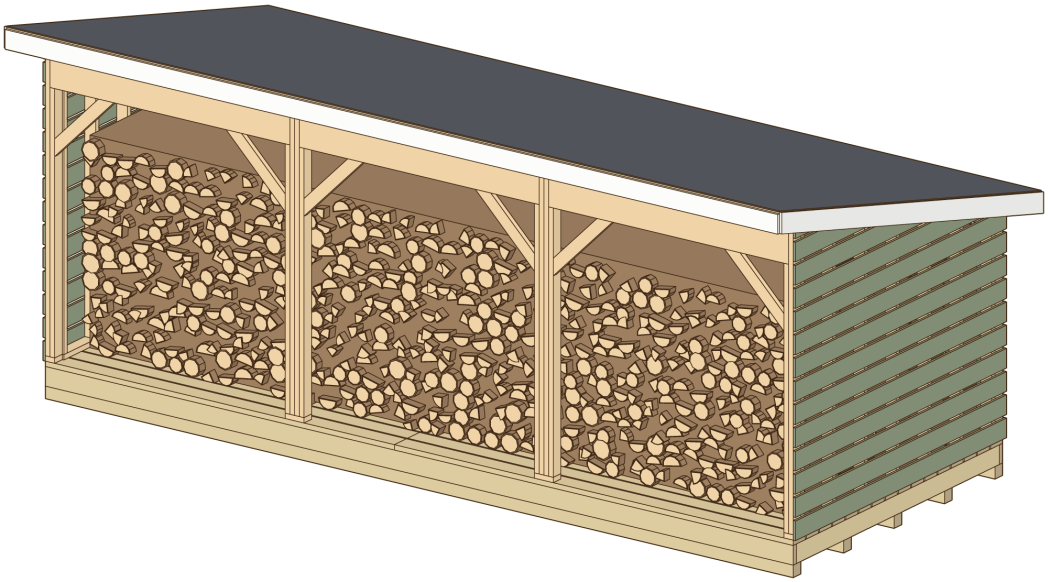
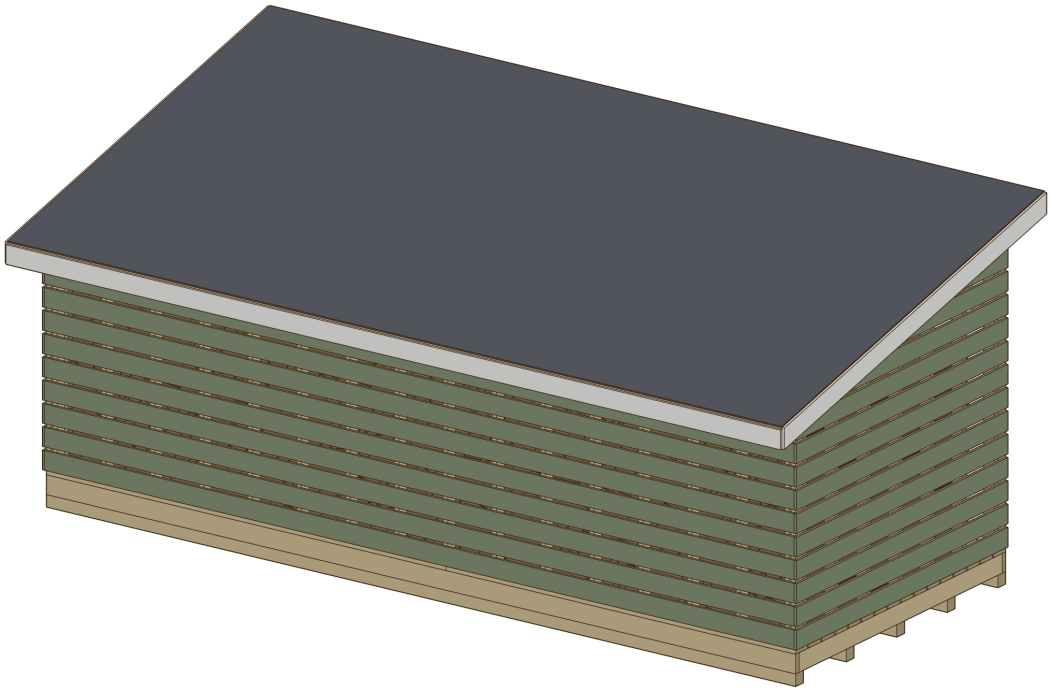
Before you start

Shed rules (size limits, height, setbacks, permits) vary by town and HOA. Check your local permit office before you build.

Safety: wear eye and ear protection, keep blades sharp and guards on, work from a stable step ladder, and stay off open rafters.

This free version walks through the five stages of the 8x20 firewood shed plan with views from the full plan. Below: the finished shed from the front and from the back.





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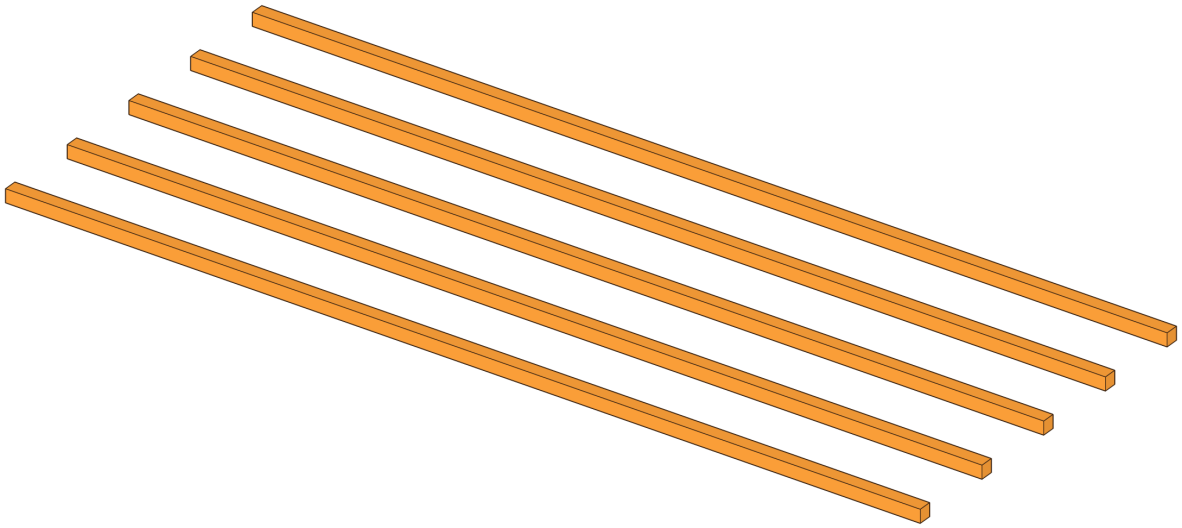
1 SITE AND FOUNDATION

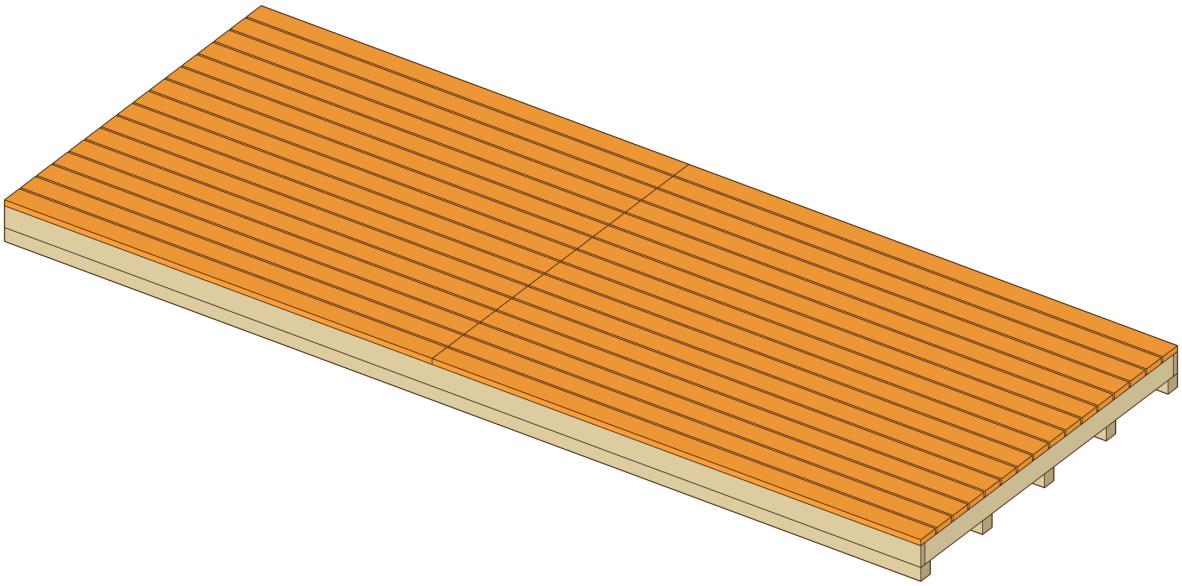
Clear and level the site, lay a compacted gravel pad inside a pressure-treated 4x6 frame and set the pressure-treated 4x4 skids level in both directions.



2 FLOOR FRAME AND DECK

Build the floor frame from pressure-treated 2x6 rim joists and joists 16 in on center, square it, fix it to the skids, and screw pressure-treated 2x6 deck boards flat across the joists with a gap between them, so air and water pass through under the stack.

In the full plan: the site layout with its diagonals, skid spacing, the joist marks on the rims and the deck board marks and gaps. www.3dshedplans.com/8x20-firewood-shed-plan/



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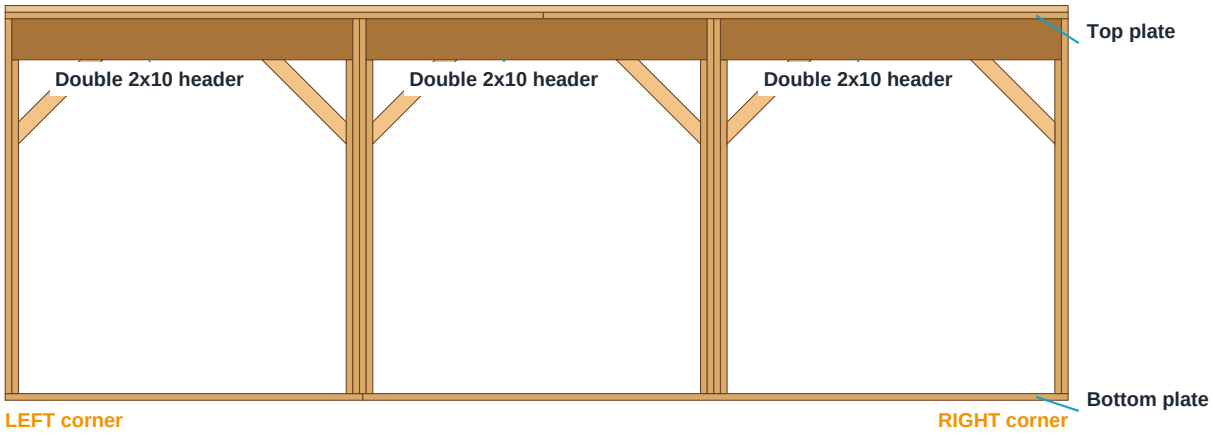
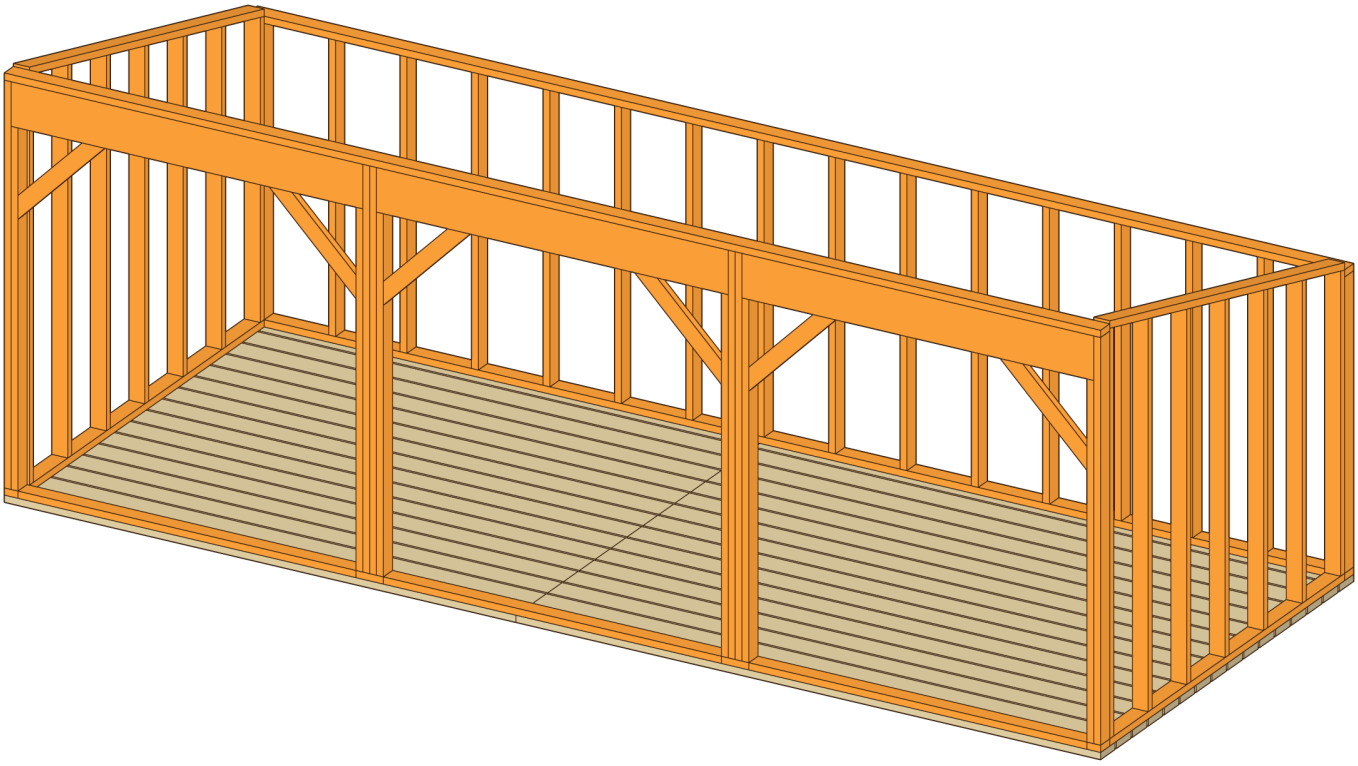
3 WALLS

Frame the open front bay by bay: end posts, a middle post, a doubled header over each bay and 45 degree knee braces. Frame the back and side walls with 2x4 studs. Square each one, raise it, brace it plumb, and tie the corners together.

In the full plan: every wall drawn stud by stud with a position table, each bay's header, the middle post and knee braces, and how one person raises and braces each wall. www.3dshedplans.com/8x20-firewood-shed-plan/





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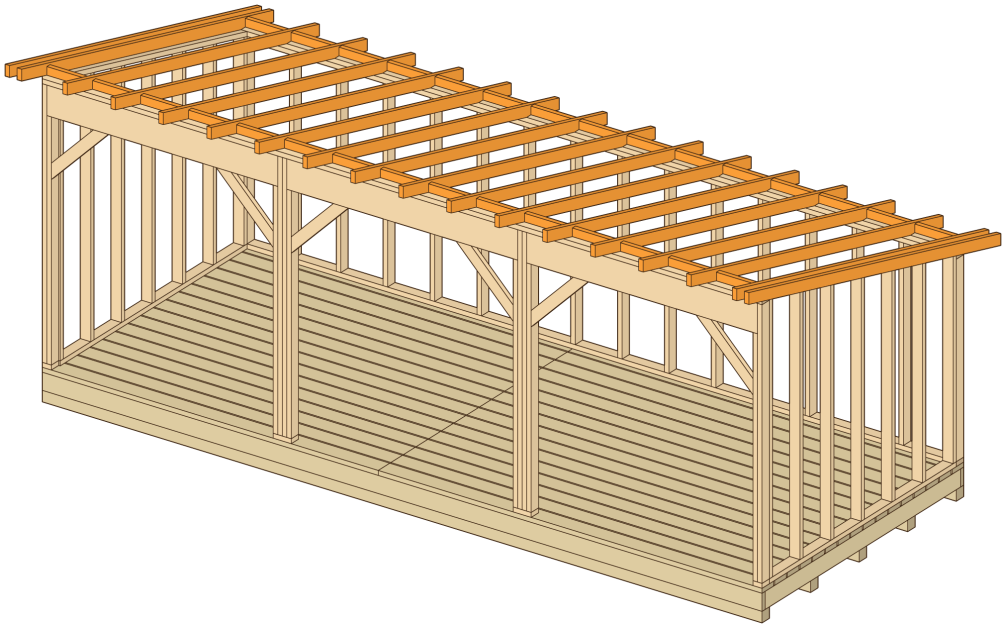
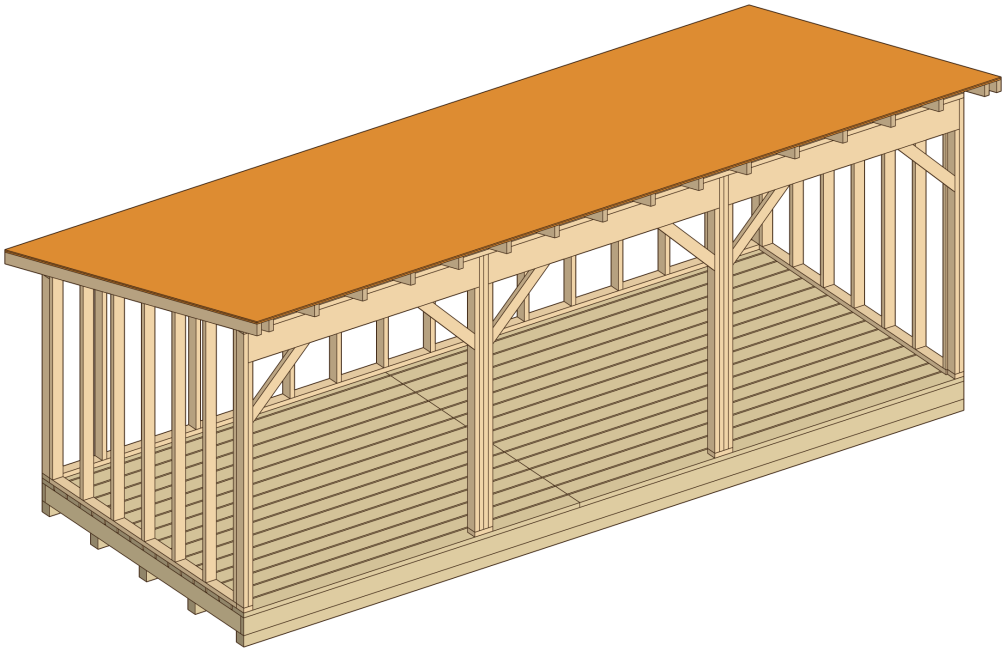
4 ROOF

The roof is a single slope from the tall front wall down to the low back wall. Cut a pattern 2x4 rafter with a birdsmouth over each wall, set the rafters 16 in on center, block between them over the walls, and build the rake overhang on lookout blocks. Then sheath it with OSB and add double felt, drip edge and shingles; the high front edge gets drip edge over the felt.

In the full plan: the pattern rafter with every cut, the rafter layout on the plates, the sheathing map and the shingle courses. www.3dshedplans.com/8x20-firewood-shed-plan/





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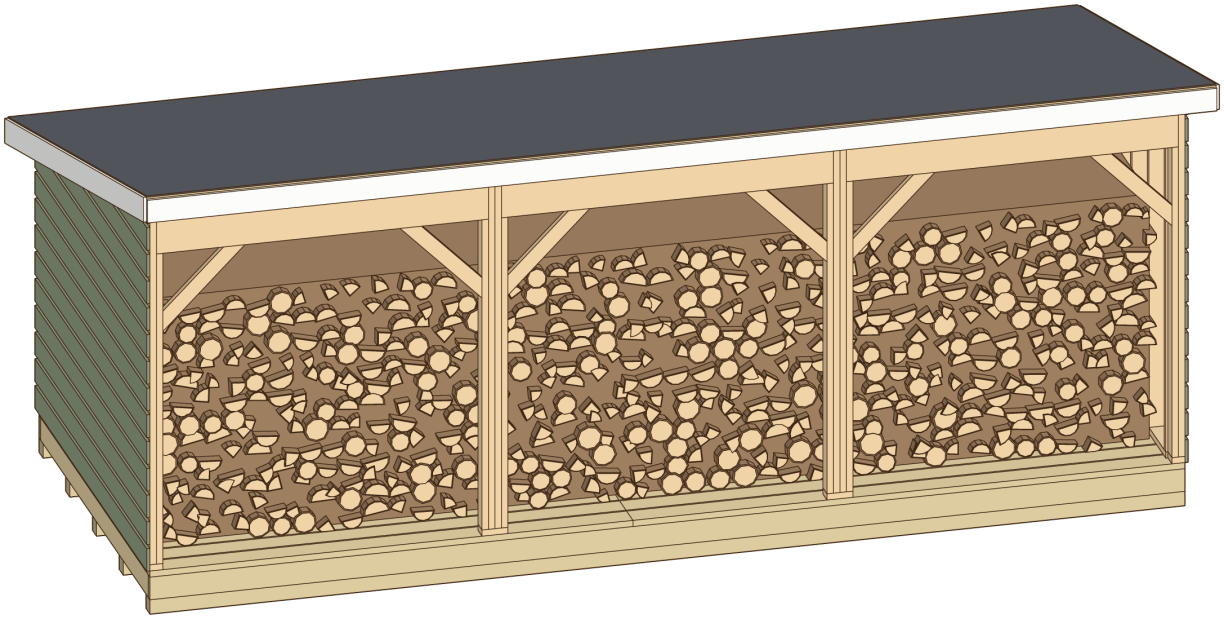
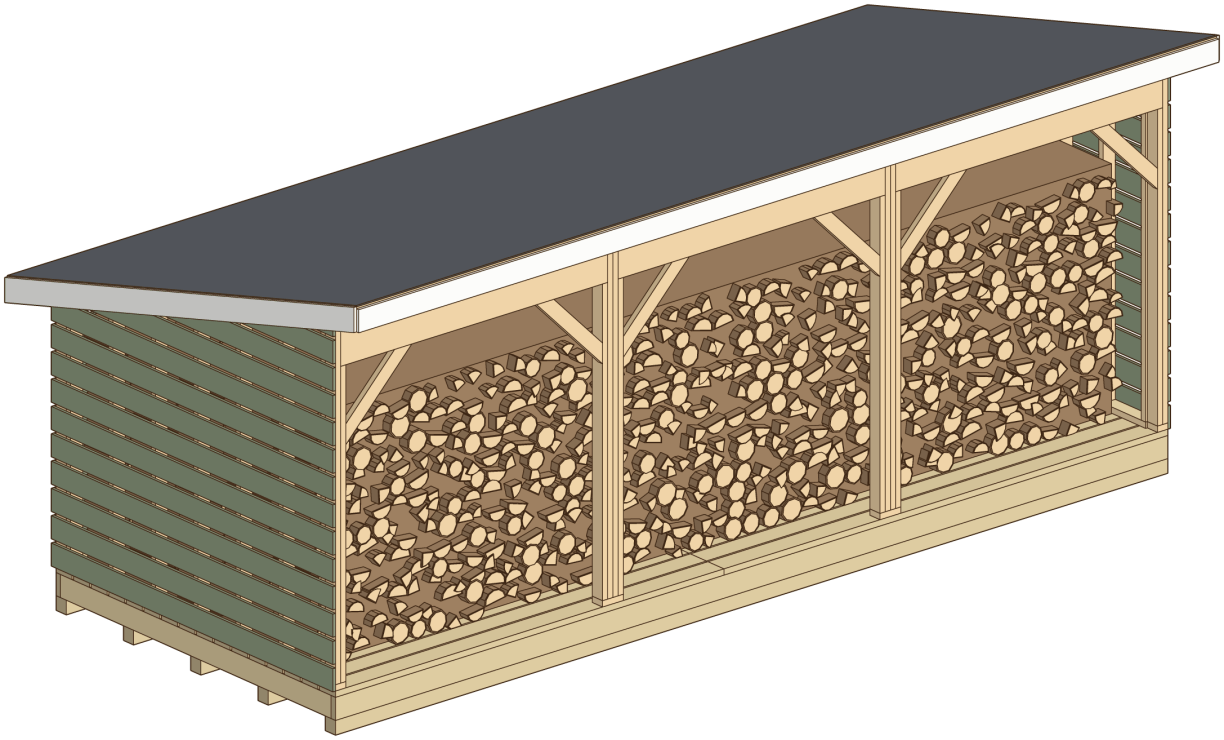
5 SLATS AND FINISH

Nail the 1x6 slats on the back and side walls with an air gap between the rows, then seal the framing and the slats with an exterior stain.

In the full plan: the slat rows for each wall, the spacer blocks and the tapered cuts under the sloped side tops. www.3dshedplans.com/8x20-firewood-shed-plan/





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Ready to build your 8x20 firewood shed?

	Free preview	Full plan
Overview and build stages	Yes	**Yes**
Material list with quantities	No	**Yes**
Cut list for every part	No	**Yes**
Measurements in every step	Overall sizes	**Every part**
Step-by-step drawings	Preview pages	**47 pages**
Pro tips	No	**Yes**
Price	Free	**$14.99**

Save a weekend of guesswork

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