8X20 HIP SHED PLAN

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



Get the full 8x20 hip plan

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

$19.99 one time | 30-day money-back guarantee

Get the full plan

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Look inside the full plan

Real pages from the 72-page 8x20 hip plan. The free preview shows the shape of the build; the full plan gives you the numbers to buy and cut once.

FULL PLAN

Back wall: item	Qty	Used for
2x4 x 16 ft	1	Back wall cap plate (1 piece @ 14' 4 1/2")
2x4 x 8 ft	20	Back wall cap plate (1 piece @ 5' 0 1/2"); Back wall stud (19 @ 7' 6")

Left wall

Left wall: item	Qty	Used for
2x4 x 14 ft	1	Left trimmer (2 @ 6' 6")
2x4 x 8 ft (1 of them a full 96 in board, not a 92 5/8 in precut stud)	12	Left wall plate (2 @ 7' 4 3/4"); Left wall cap plate (1 @ 8' 0"); Left wall stud (7 @ 7' 6"); Left lower cripple (1 @ 3' 4 1/2"); Left sill (1 @ 2' 0")
2x6 x 8 ft	1	Left header (2x6 doubled + 1/2 ply) (2 @ 2' 3")
Left cripple: 2x4, 1 @ 6 1/2"	-	Not bought separately: cut from the left trimmer offcuts
Left header filler: 1/2 plywood strip 2x6 deep, 2' 3" long	-	Not bought separately: rip it from the 1/2 in plywood sheet for the eave soffit (Fascia and soffit list); buy that sheet now, with the walls

Right wall

Right wall: item	Qty	Used for
2x4 x 14 ft	1	Right trimmer (2 @ 6' 6")
2x4 x 8 ft (1 of them a full 96 in board, not a 92 5/8 in precut stud)	12	Right wall plate (2 @ 7' 4 3/4"); Right wall cap plate (1 @ 8' 0"); Right wall stud (7 @ 7' 6"); Right lower cripple (1 @ 3' 4 1/2"); Right sill (1 @ 2' 0")

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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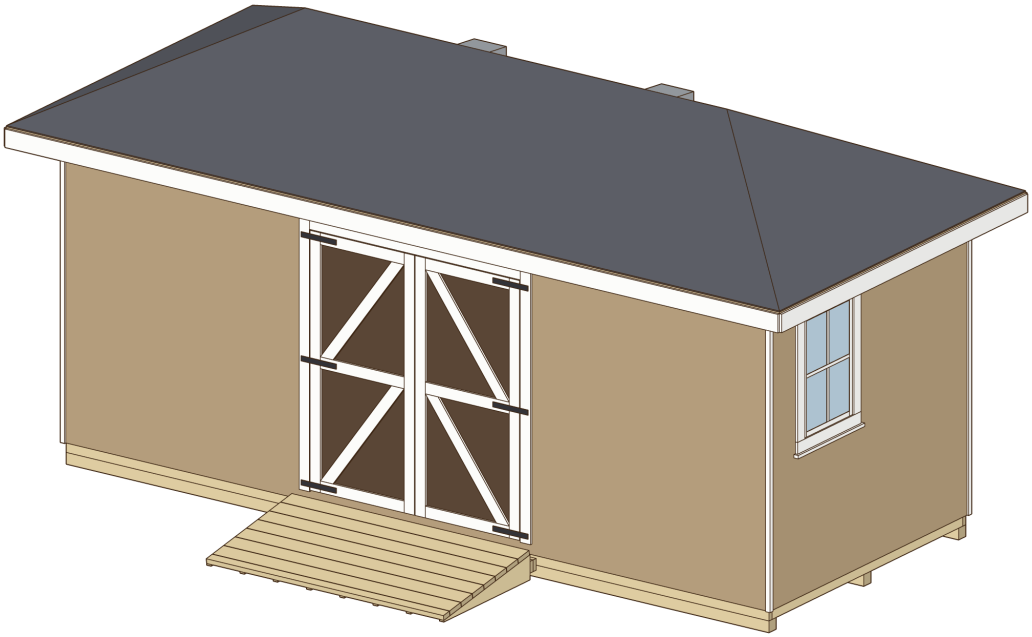
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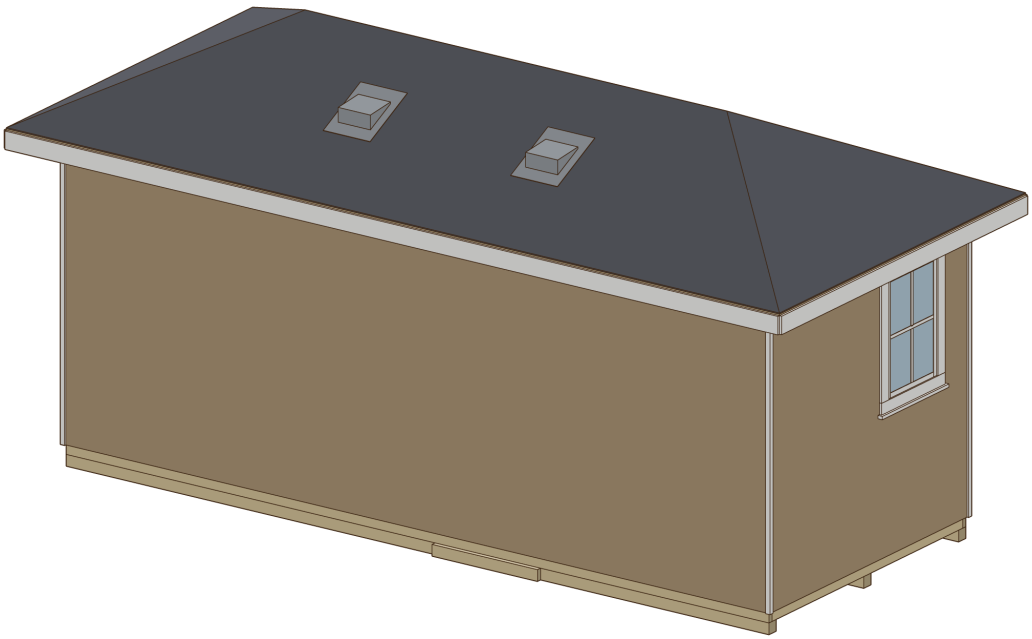
Before you start

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 stable ladders with a helper, and stay off open rafters.

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

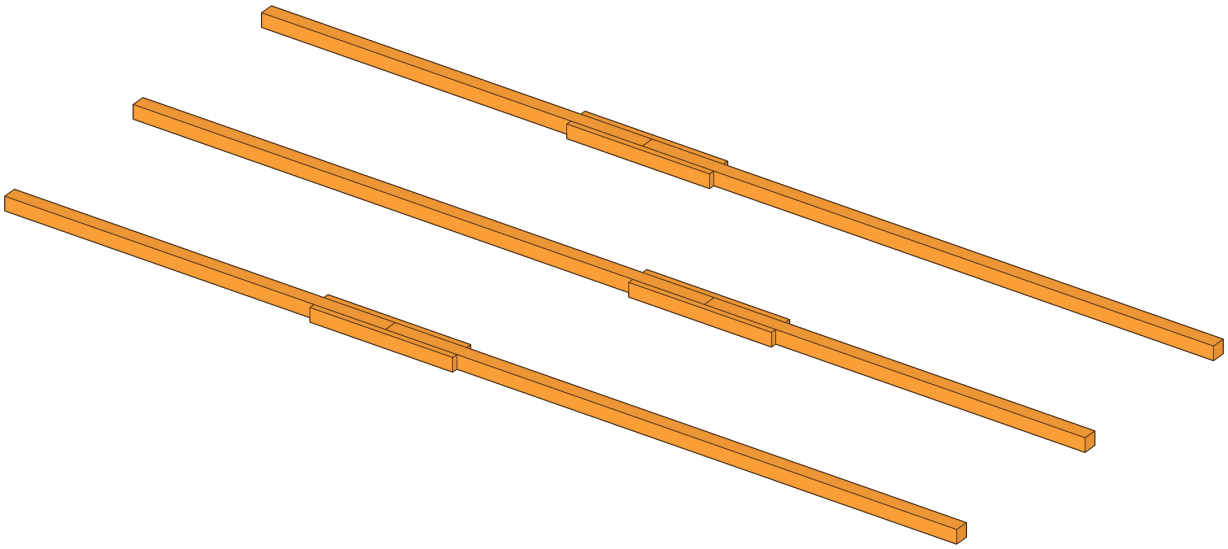




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1 SITE AND FOUNDATION

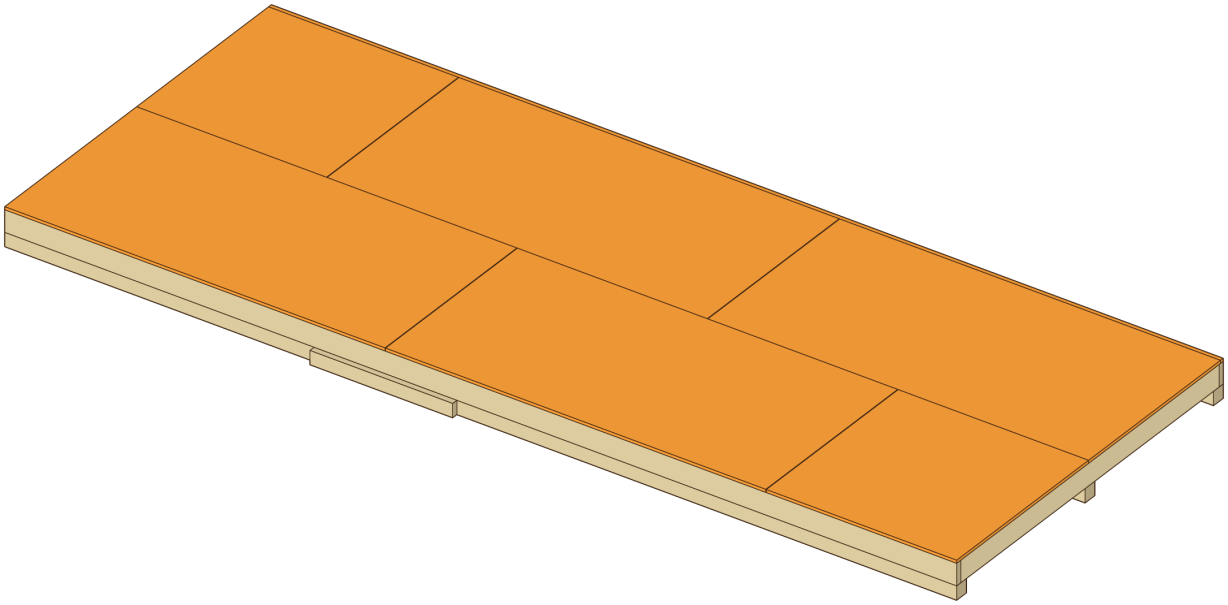
Clear and level the site, lay a compacted gravel pad inside a pressure-treated 4x6 frame and set the pressure-treated 4x4 skids level in both directions.



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 glue and screw 3/4 in tongue and groove plywood on top.

In the full plan: the site layout with its diagonals, skid spacing, the joist marks on the rims and a piece map for every decking sheet. www.3dshedplans.com/8x20-hip-roof-shed-plan/



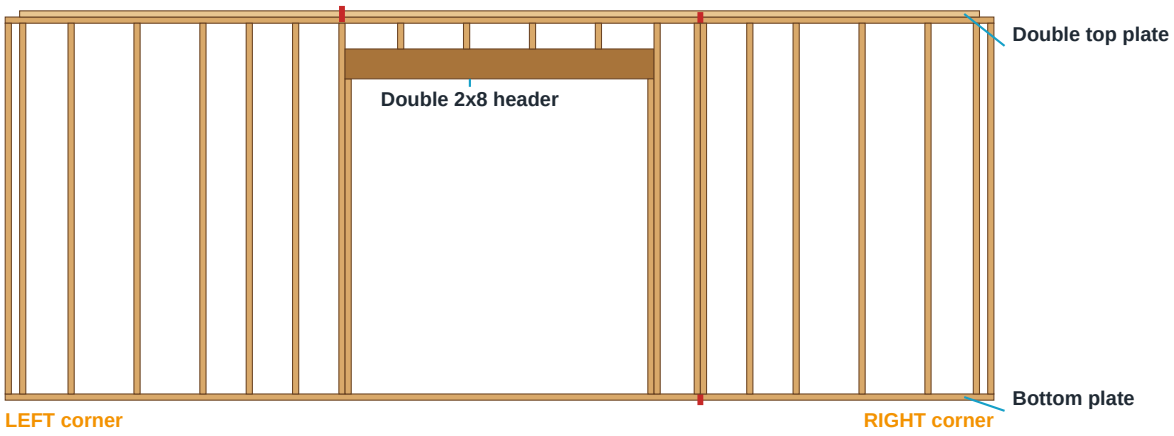
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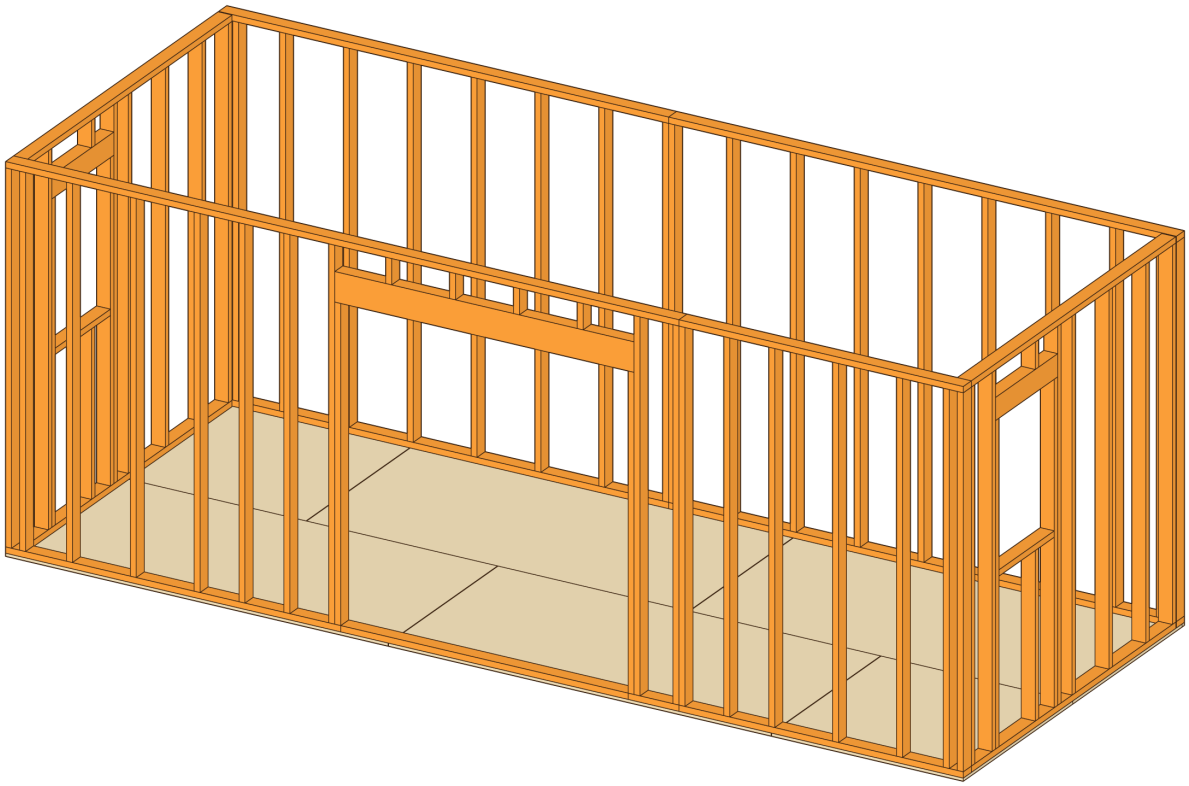
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3 WALLS

Frame each wall with 2x4 studs 16 in on center and headers over the door and windows. Square it, raise it as a bare frame with a helper, brace it plumb, and tie the walls together with the second top plates. Once all four walls stand, hang the T1-11 siding and build the double door from T1-11 with a 1x4 frame and two Z braces on each leaf, then hang it on T-strap hinges inside a 1x4 casing.

In the full plan: every wall drawn stud by stud with a position table, the headers, the siding sheet layouts, the door leaf with its frame and brace cuts and how to raise each wall safely.
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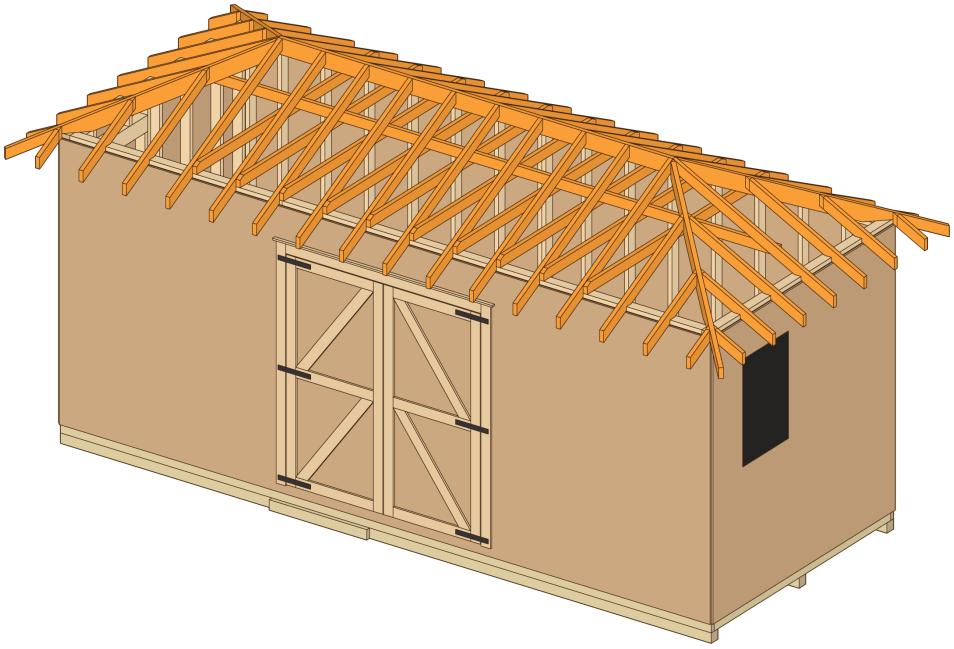


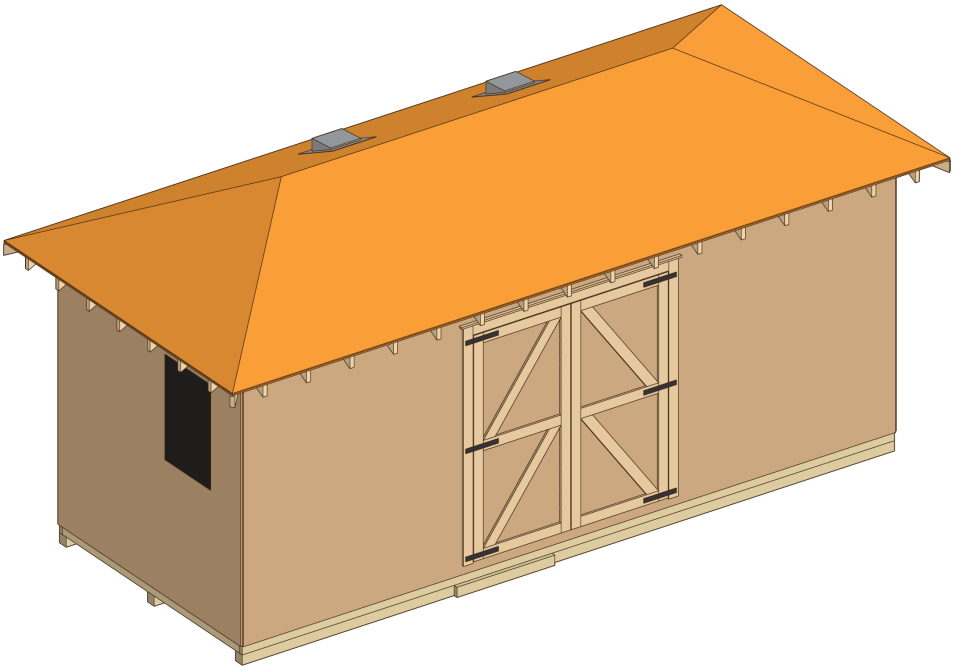
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4 ROOF

The roof slopes on all four sides. Set the ridge on two temporary posts, then the 2x4 common rafters in pairs, the four hip rafters from the corners to the ridge ends, and the short jack rafters from the walls to the hips. Then the fascia and soffit, OSB sheathing, felt, drip edge and shingles, with cap shingles over the hips and the ridge.

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-hip-roof-shed-plan/



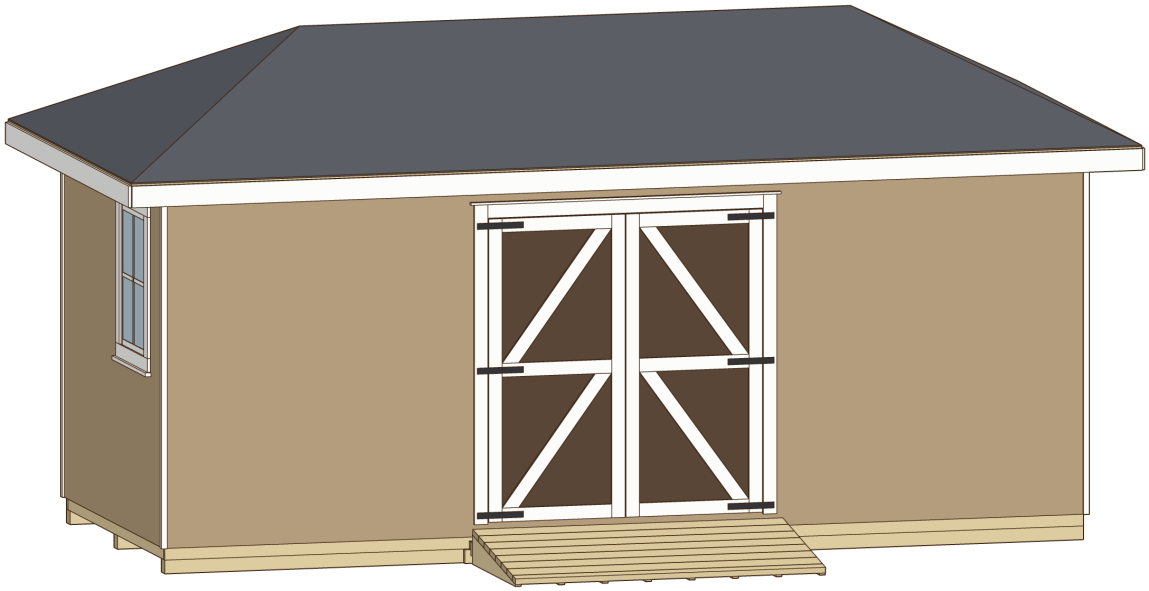


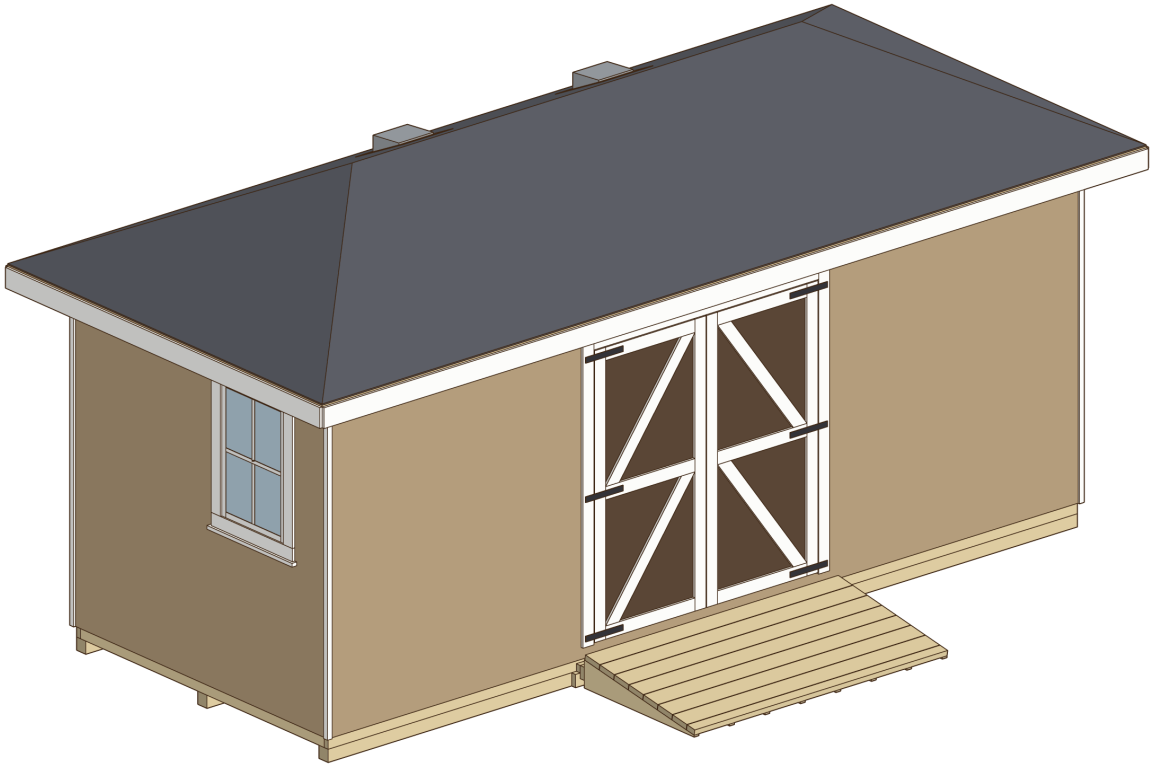
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5 TRIM AND PAINT

Add the corner trim, the window casing and the drip caps, then prime and paint or stain. Last, build the detachable wheel-in ramp at the door: wheels roll on at a beveled toe and meet a 13/16" lip at the door.

In the full plan: the casing and trim table, the drip caps and the corner trim, and the ramp's cut sizes and section drawing. www.3dshedplans.com/8x20-hip-roof-shed-plan/





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Ready to build your 8x20 hip 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	**72 pages**
Pro tips	No	**Yes**
Price	Free	**$19.99**

Save a weekend of guesswork

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