16X16 HIP SHED PLAN

FREE PREVIEW | Footprint 16 x 16 ft (256 sq ft)



Get the full 16x16 hip plan

69 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

3dshedplans.com/16x16-hip-roof-shed-plan/

Copyright 2026 3DSHEDPLANS.COM. 16x16 hip shed plan, free preview. Page 1

Look inside the full plan

Real pages from the 69-page 16x16 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

4 SHOPPING LIST BY SECTION

Buy by section so each stage has its parts. Lumber is listed in the stock length that wastes the least for that part. The pad stone, stakes, temporary braces and other stage parts are in the Hardware list, so read it before the first trip. Treated lumber that touches the gravel or the ground (skids, scabs, ramp) must be rated for ground contact (UC4A or higher). Add 2 or 3 spare studs for bad boards (not in the lumber yard order below).

Foundation and floor

Foundation and floor: item	Qty	Used for
1x4 x 8 ft	2	Decking filler strip (1x4 ripped to 2") (2 @ 8' 0")
Pressure-treated 2x6 x 16 ft	15	Rim joist (band) (2 @ 16' 0"); Floor joist (13 @ 15' 9")
Pressure-treated 4x4 x 16 ft, ground contact (UC4A or higher)	5	Skid (5 @ 16' 0")
Floor decking: sheet 4x8 3/4 T&G plywood	8	Floor deck: the lettered pieces on the decking map (step Floor decking)

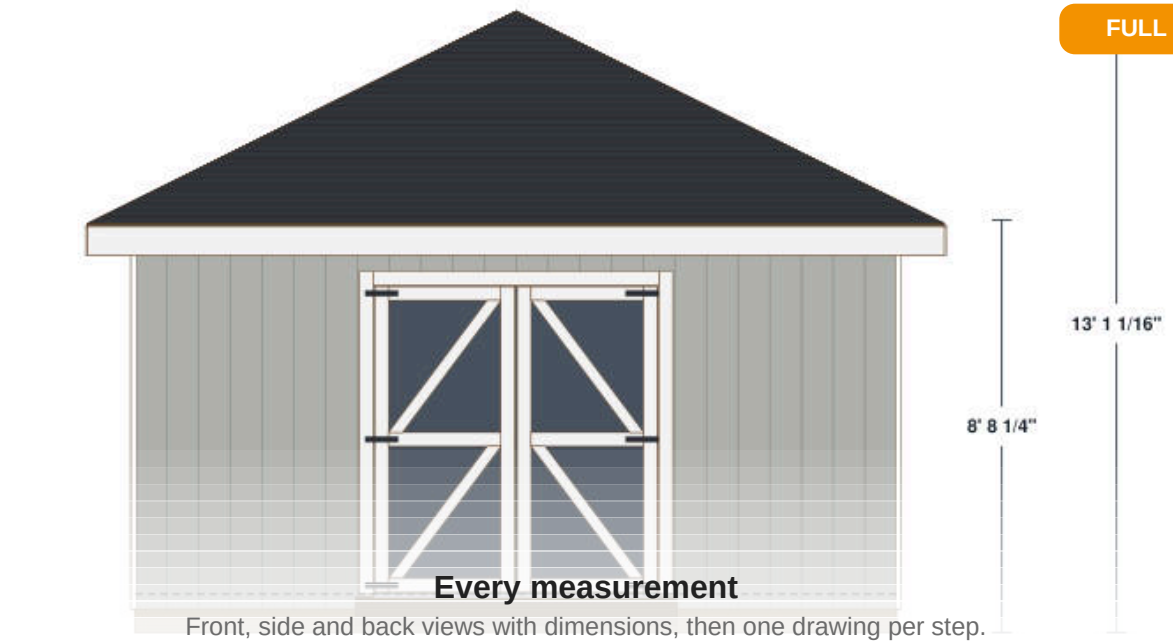
Front wall

Front wall: item	Qty	Used for
2x4 x 14 ft	1	Front
2x4 x 16 ft		

Material list

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

FULL PLAN



Every measurement

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

Get the full plan $19.99

3dshedplans.com/16x16-hip-roof-shed-plan/

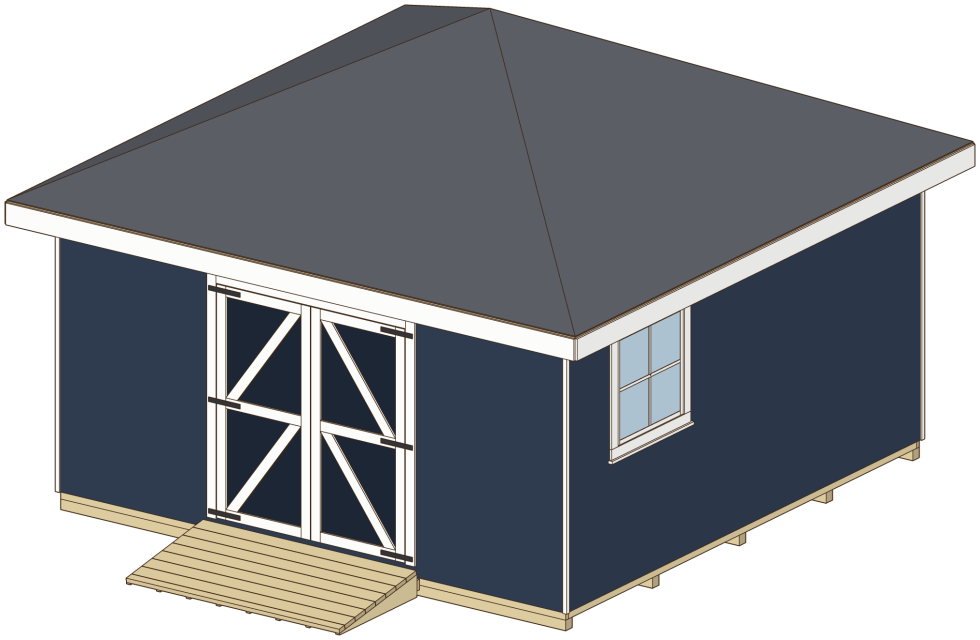
Copyright 2026 3DSHEDPLANS.COM. 16x16 hip shed plan, free preview. Page 2

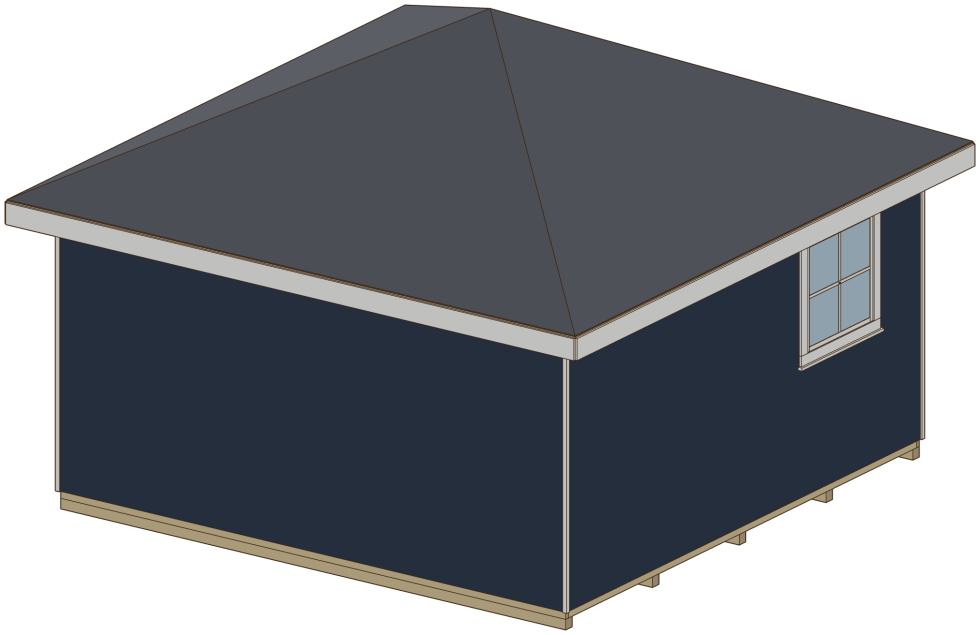
Before you start

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 16x16 hip shed plan with views from the full plan. Below: the finished shed from the front and from the back.

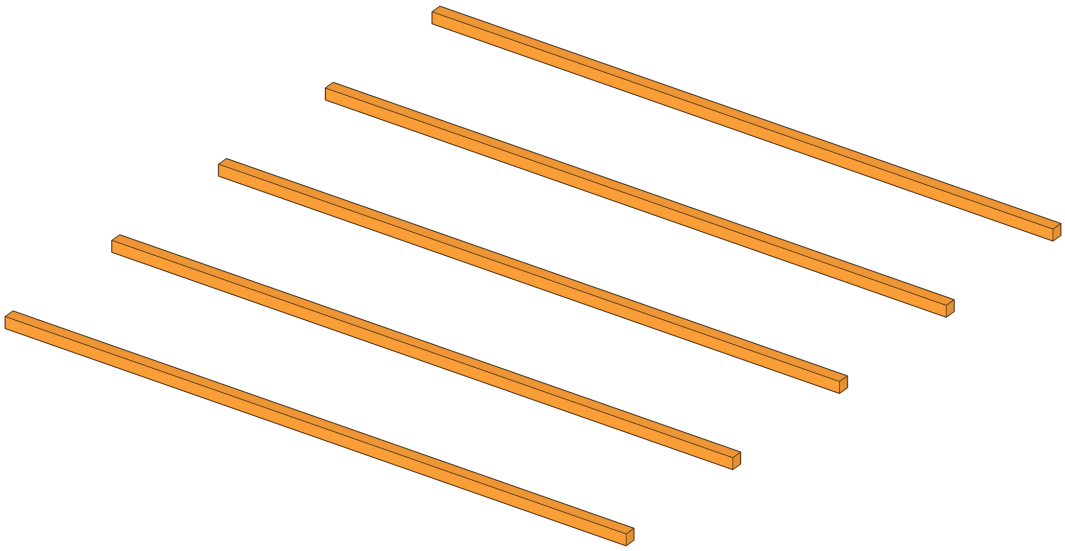




Full 16x16 hip plan: material list, cut list, every measurement | $19.99 | 3dshedplans.com/16x16-hip-roof-shed-plan/

1 SITE AND FOUNDATION

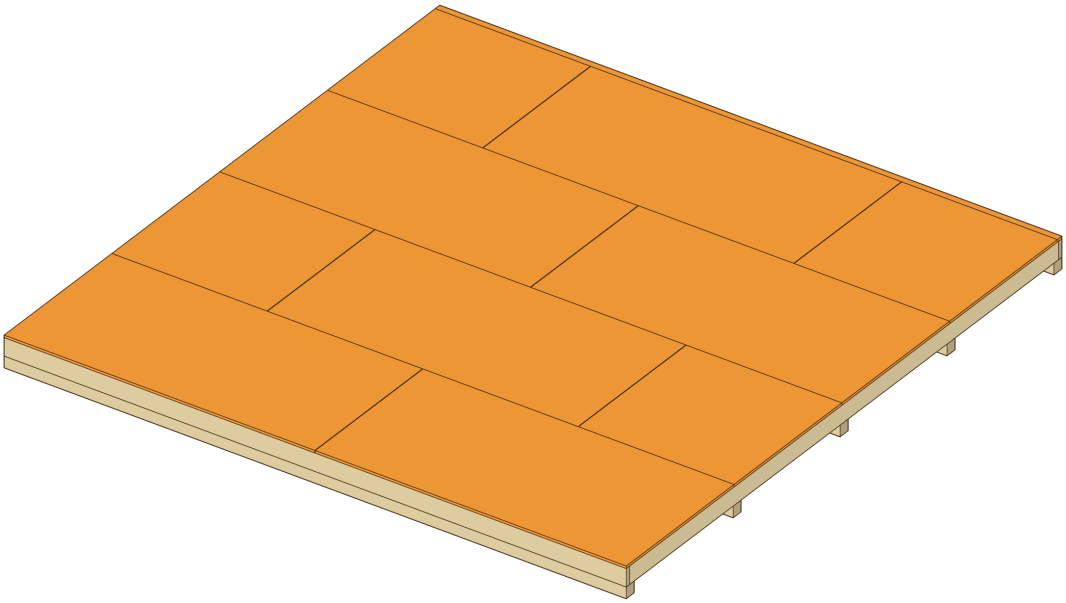
Clear and level the site, lay a compacted gravel pad inside a pressure-treated 4x6 frame and set the pressure-treated 4x4 skids level in both directions.



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/16x16-hip-roof-shed-plan/

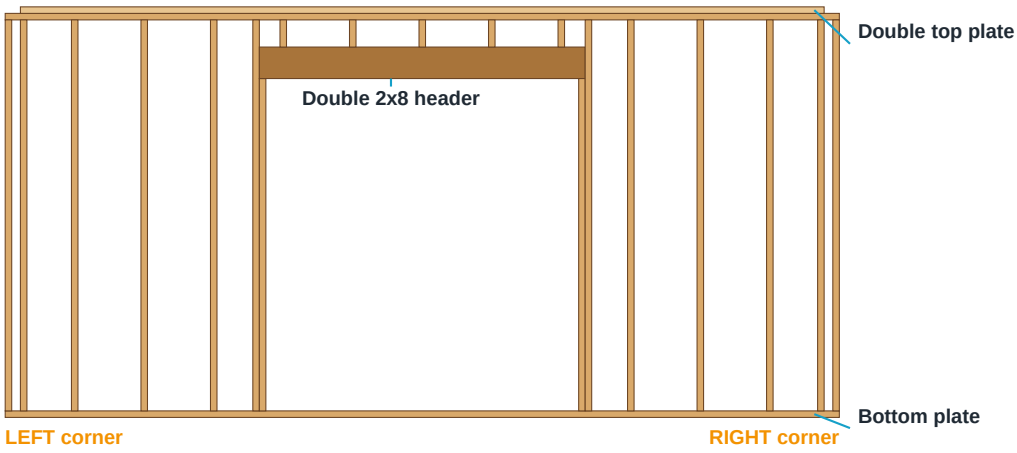


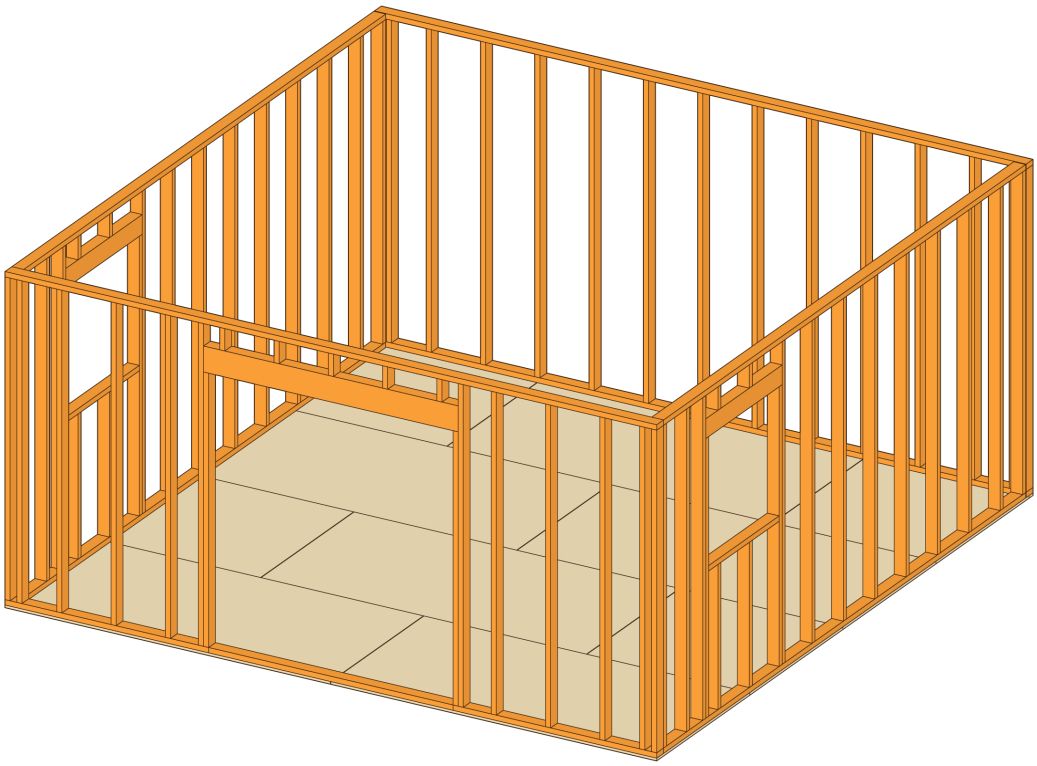
Full 16x16 hip plan: material list, cut list, every measurement | $19.99 | 3dshedplans.com/16x16-hip-roof-shed-plan/

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.
www.3dshedplans.com/16x16-hip-roof-shed-plan/



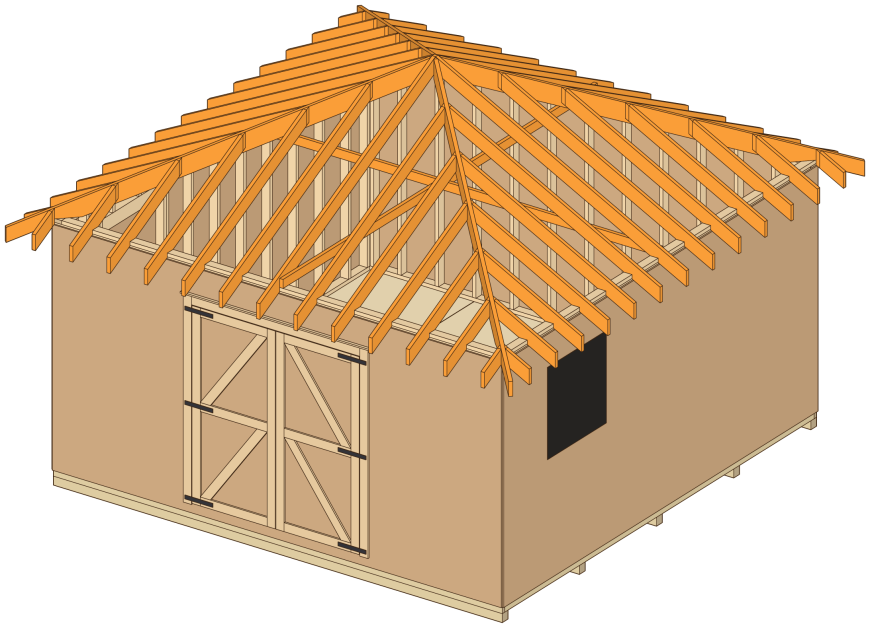


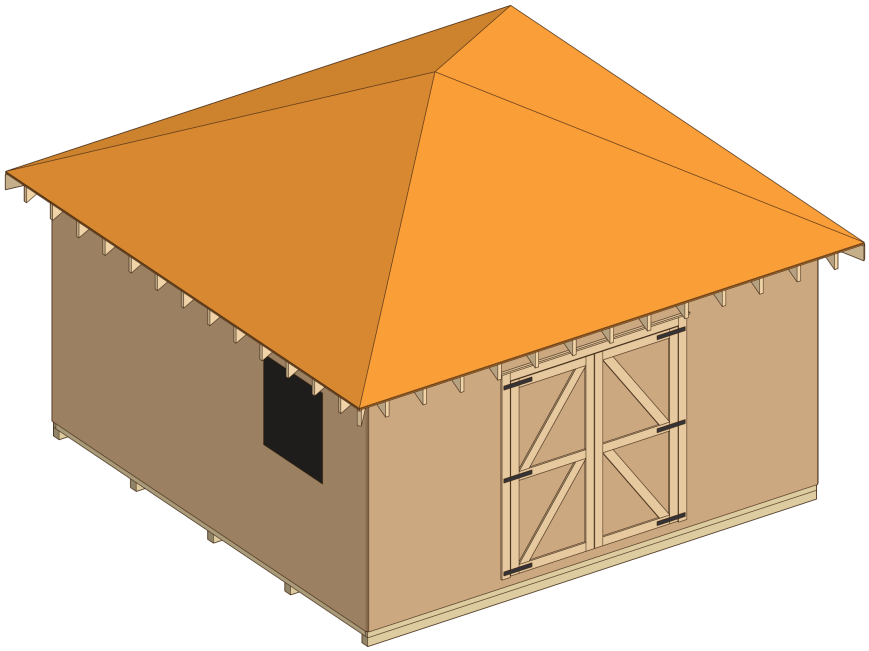
Full 16x16 hip plan: material list, cut list, every measurement | $19.99 | 3dshedplans.com/16x16-hip-roof-shed-plan/

4 ROOF

The roof slopes on all four sides to one point. Set a short hub block on one temporary post at the center, then the 2x6 commons and king commons into the hub, the four hip rafters from the corners to the hub, 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.

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/16x16-hip-roof-shed-plan/



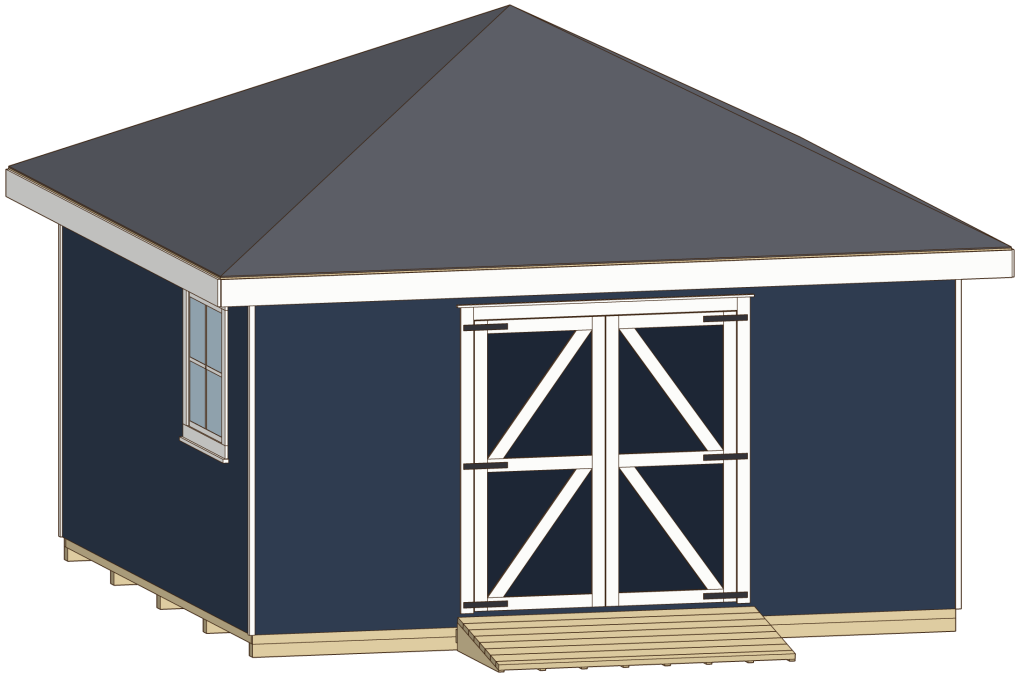


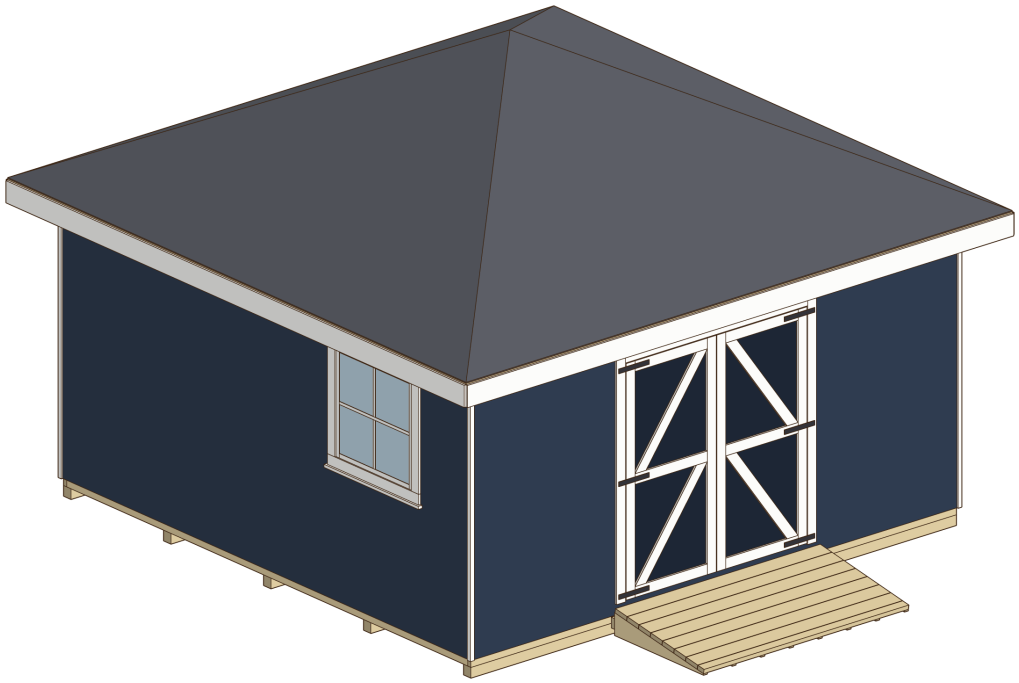
Full 16x16 hip plan: material list, cut list, every measurement | $19.99 | 3dshedplans.com/16x16-hip-roof-shed-plan/

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/16x16-hip-roof-shed-plan/





Full 16x16 hip plan: material list, cut list, every measurement | $19.99 | 3dshedplans.com/16x16-hip-roof-shed-plan/

Ready to build your 16x16 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	**69 pages**
Pro tips	No	**Yes**
Price	Free	**$19.99**

Save a weekend of guesswork

69 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

3dshedplans.com/16x16-hip-roof-shed-plan/

Not useful? Email support@3dshedplans.com within 30 days for a full refund.

Looking for another size? See every plan: 3dshedplans.com/shed-plans/

Copyright 2026 3DSHEDPLANS.COM. 16x16 hip shed plan, free preview. Page 8