12X24 GARAGE SHED PLAN

FREE PREVIEW | Footprint 12 x 24 ft (288 sq ft)



Get the full 12x24 garage shed plan

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

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Get the full plan

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Look inside the full plan

Real pages from the 79-page 12x24 garage shed plan. The free preview shows the shape of the build; the full plan gives you the numbers to buy and cut once.

FULL PLAN

Foundation and floor: item	Qty	Used for
Pressure-treated 2x6 x 12 ft	29	Rim joist (band) (2 pieces @ 11' 11 1/4"); Floor joist (25 @ 11' 9"); Floor joist (second joist at the rim joint) (1 @ 11' 9"); Floor end joist, second ply under the garage door (3 in nails every 12 in, two rows, staggered) (1 @ 11' 9")
Pressure-treated 2x6 x 14 ft	2	Rim joist (band) (2 pieces @ 12' 0 3/4")
Pressure-treated 4x4 x 10 ft	5	Skid (5 pieces @ 10' 0")
Pressure-treated 4x4 x 14 ft	5	Skid (5 pieces @ 14' 0")
Floor decking: sheet 4x8 3/4 T&G plywood	9	Floor deck: the lettered pieces on the decking map (step Floor decking)

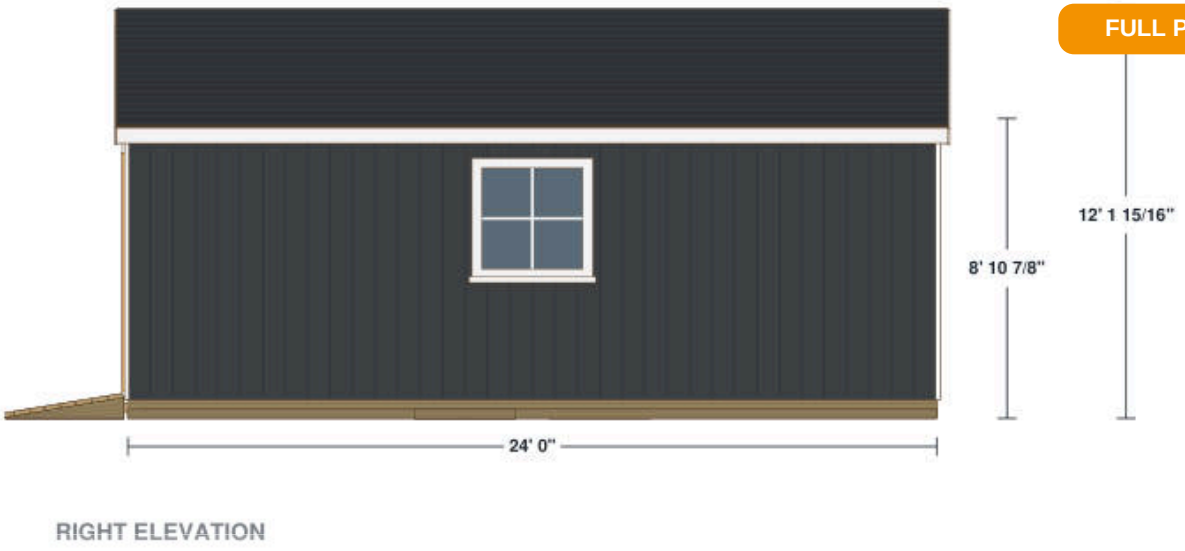
Front wall

Front wall: item	Qty	Used for
2x4 x 10 ft	2	Front wall plate (2 pieces @ 9' 4 3/4")
2x4 x 12 ft	1	Front lower cripple (3 @ 3' 4 1/2")
2x4 x 14 ft	1	Front trimmer (2 @ 6' 6")
2x4 x 16 ft	3	Front wall plate (2 pieces @ 14' 7 1/4"); Front wall cap plate (1 piece @ 15' 8 1/2")
2x4 x 8 ft (1 of them a full 96 in board, not a 92 5/8 in precut stud)	23	Front wall cap plate (1 piece @ 7' 8 1/2"); Front wall stud (21 @ 7' 8 5/8"); Front sill (1

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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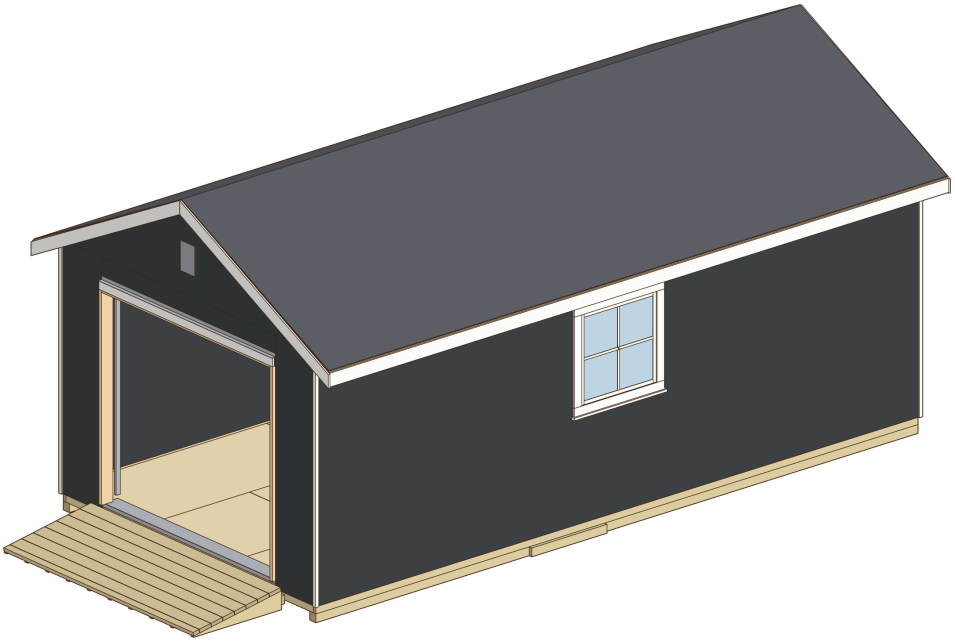
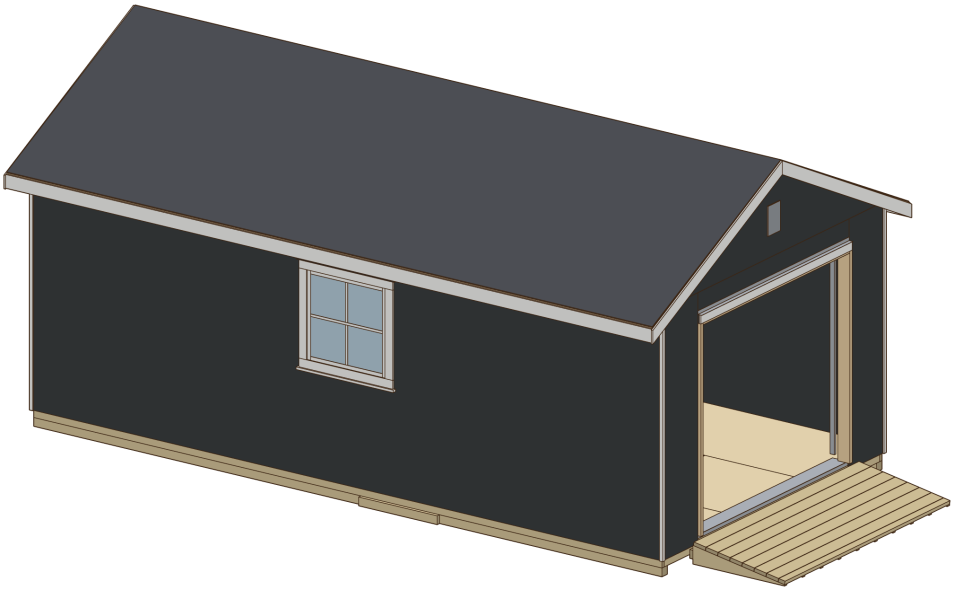
Before you start

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

This free version walks through the five stages of the 12x24 garage shed plan with overhead door with views from the full plan. Below: the finished garage shed from the door corner (the overhead door in the left gable wall, the paid plan's cover view) and from the back.





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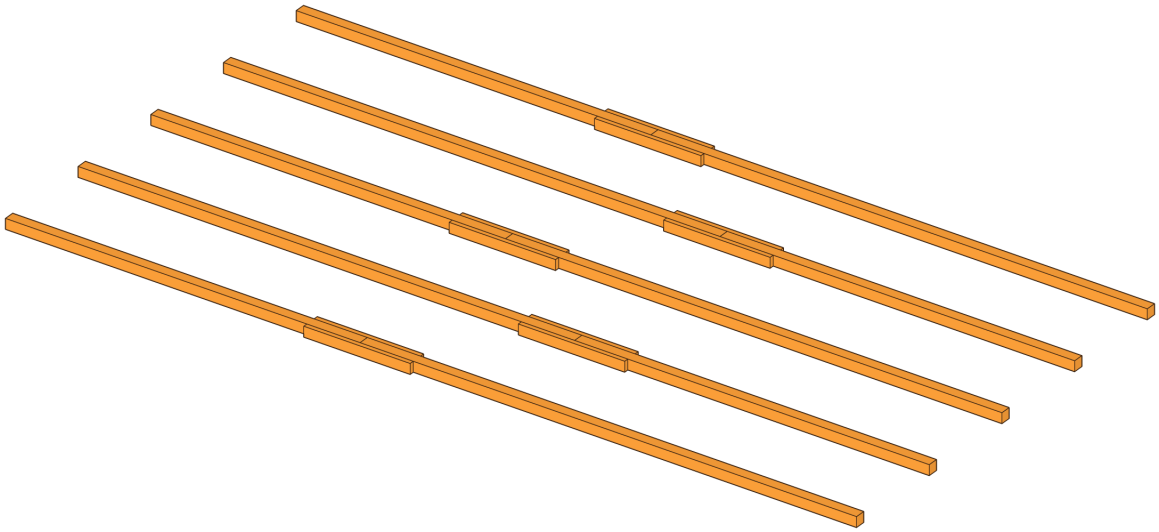
1 SITE AND FOUNDATION

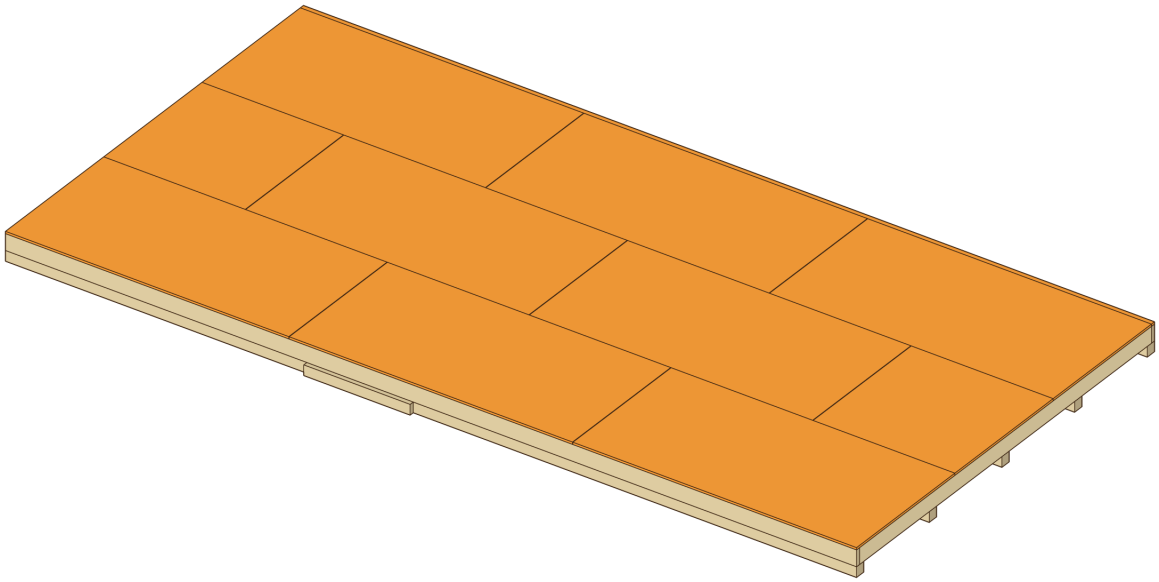
Clear and level the site, lay a compacted gravel pad inside a pressure-treated 4x6 frame and set the pressure-treated 4x4 skids level in both directions.



2 FLOOR FRAME AND DECK

Build the floor frame from pressure-treated 2x6 rim joists and joists 12 in on center, square it, fix it to the skids, and glue and screw 3/4 in tongue and groove plywood on top. Under the door the end joist is doubled. The floor is sized for machines to about 2,000 lb, 500 lb a wheel. It is not a car floor: for a car, build it on a slab.

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/12x24-garage-shed-plan/



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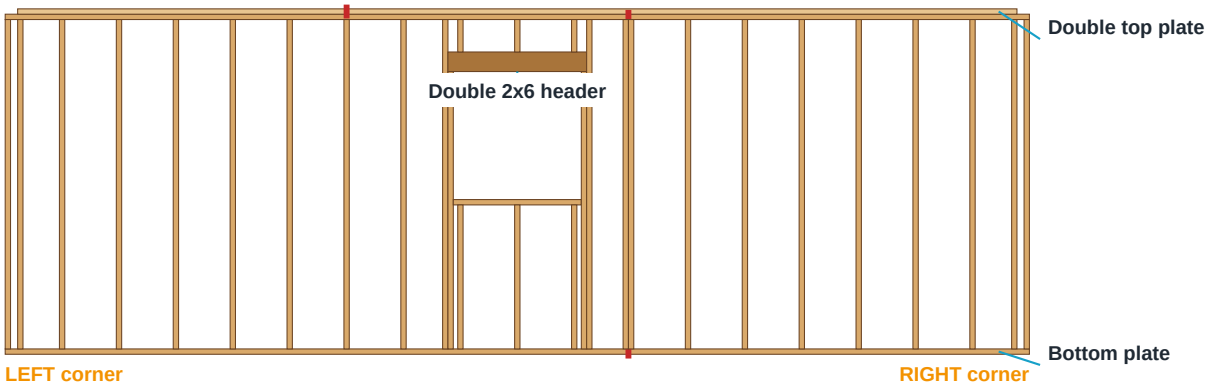
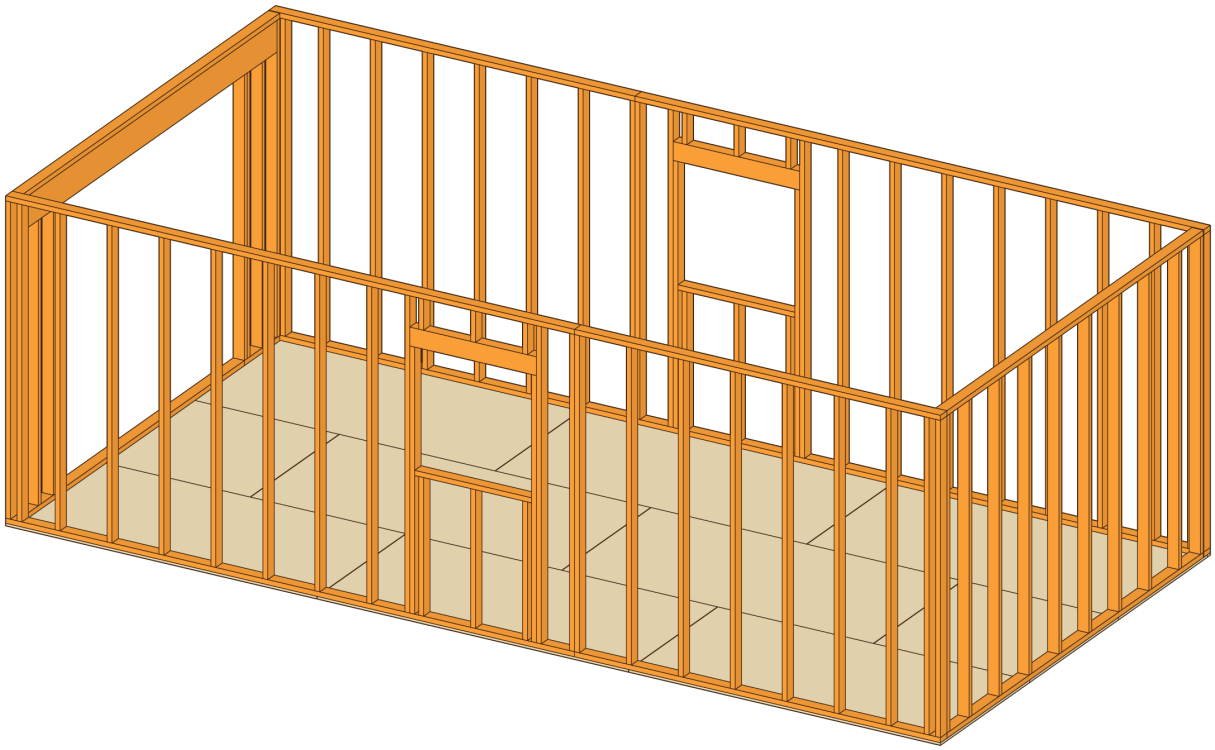
3 WALLS

Frame each wall with 2x4 studs 16 in on center. The left gable wall holds the 8 ft x 7 ft overhead door opening under one doubled 2x10 header that runs end stud to end stud, on doubled jack studs. Square each wall, raise it as a bare frame (three people for the left wall, two for the back, front and right walls), brace it plumb, and tie the walls together with the second top plates. Once all four walls stand, hang the T1-11 siding and line the 8 ft x 7 ft overhead door opening with 2x6 jambs and a 1x6 head liner, then fit the aluminum sill flashing and the head trim with its drip cap.

In the full plan: every wall drawn stud by stud with a position table, the headers, the siding sheet layouts, the door opening, jambs, head liner, sill flashing and track hanger boards and how to raise each wall safely. www.3dshedplans.com/12x24-garage-shed-plan/





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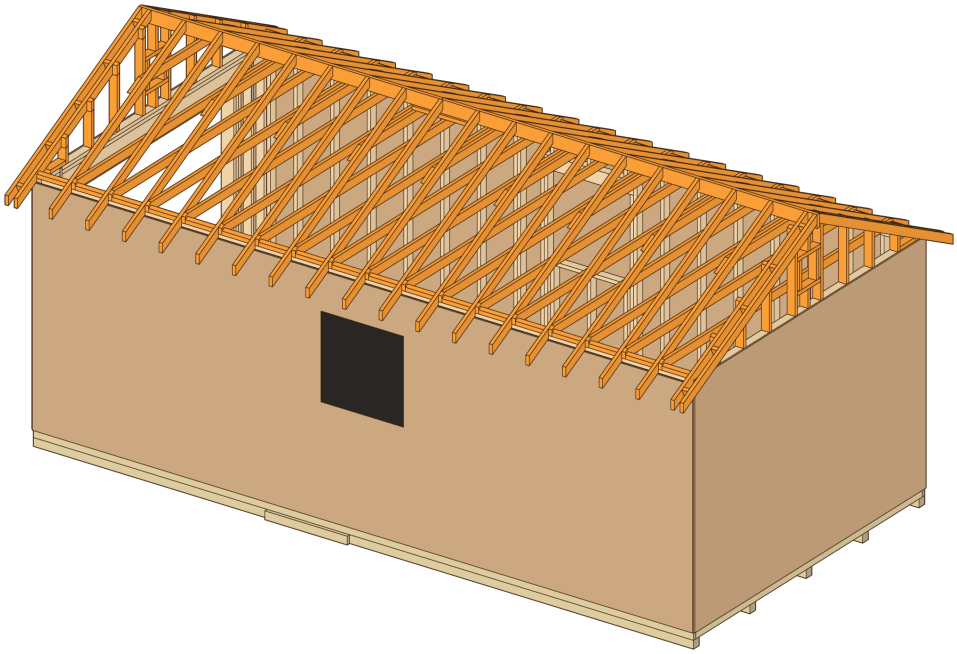
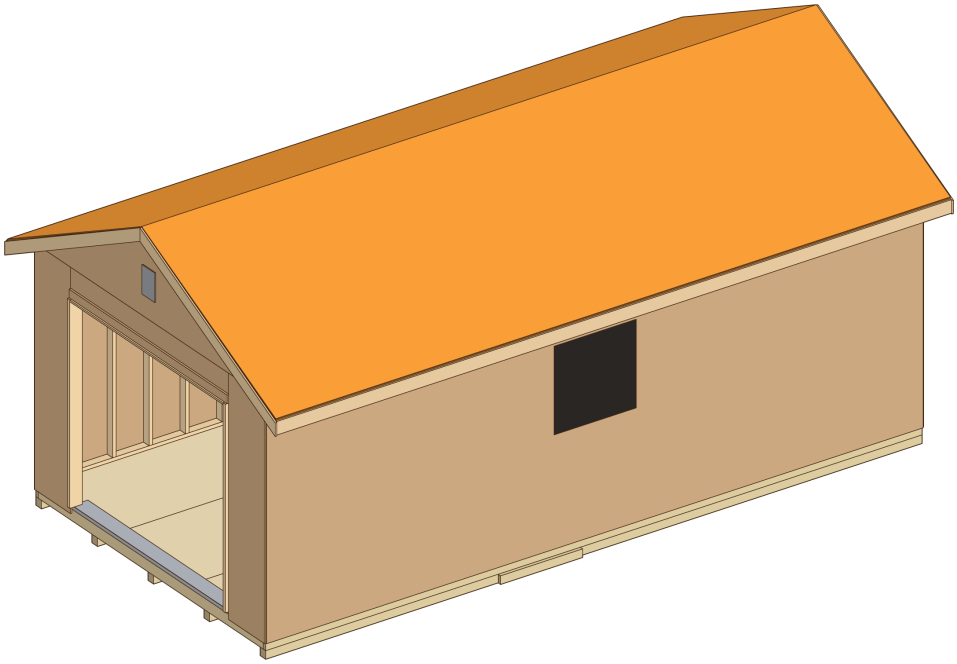
4 ROOF

Cut a pattern 2x4 rafter, set the ridge board and the rafter pairs 16 in on center, then the rafter ties, collar ties and gable end studs, and the rake overhang on lookout blocks. Then sheath with OSB and add felt, drip edge and shingles, with cap shingles along 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/12x24-garage-shed-plan/





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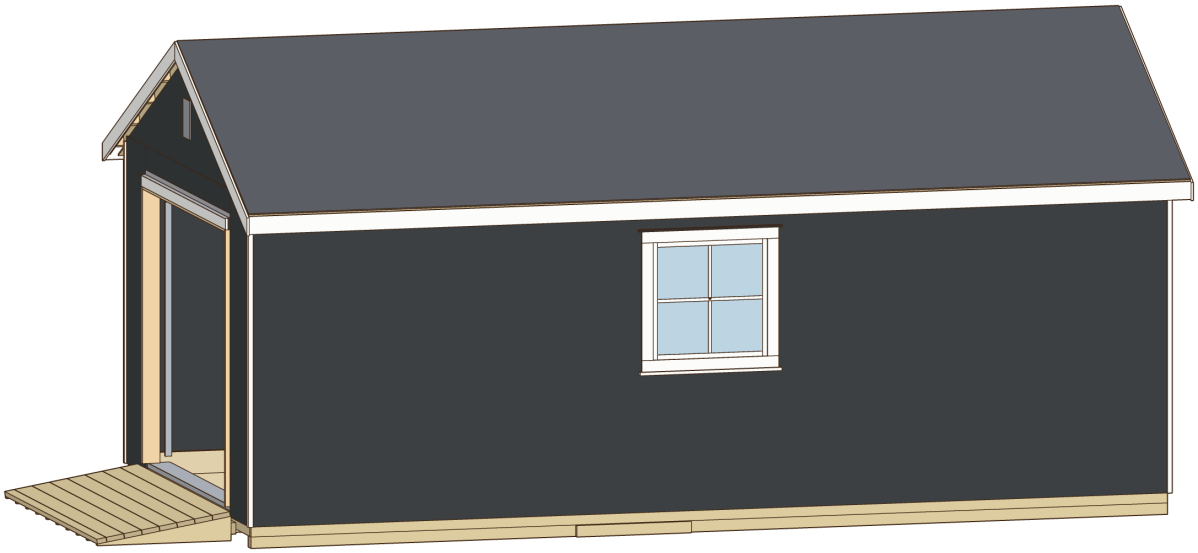
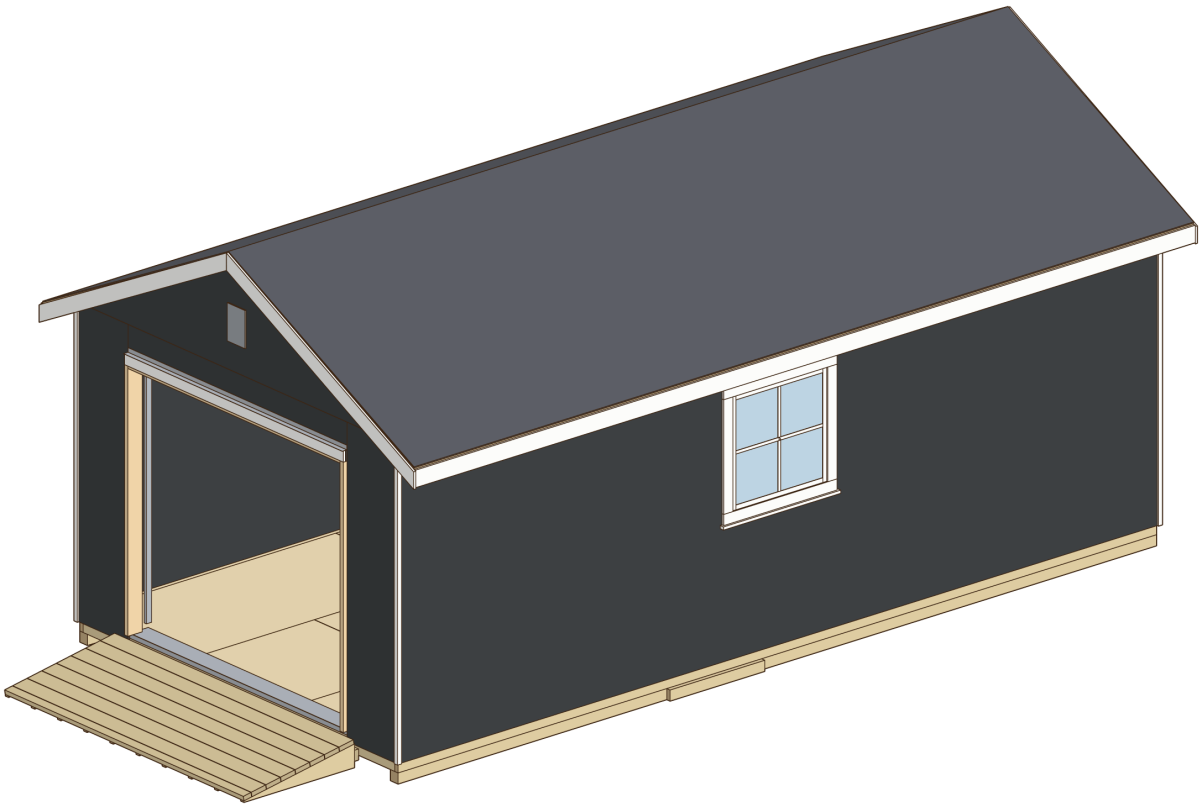
5 TRIM AND PAINT

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/12x24-garage-shed-plan/





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Ready to build your 12x24 garage 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	**79 pages**
Pro tips	No	**Yes**
Price	Free	**$24.99**

Save a weekend of guesswork

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