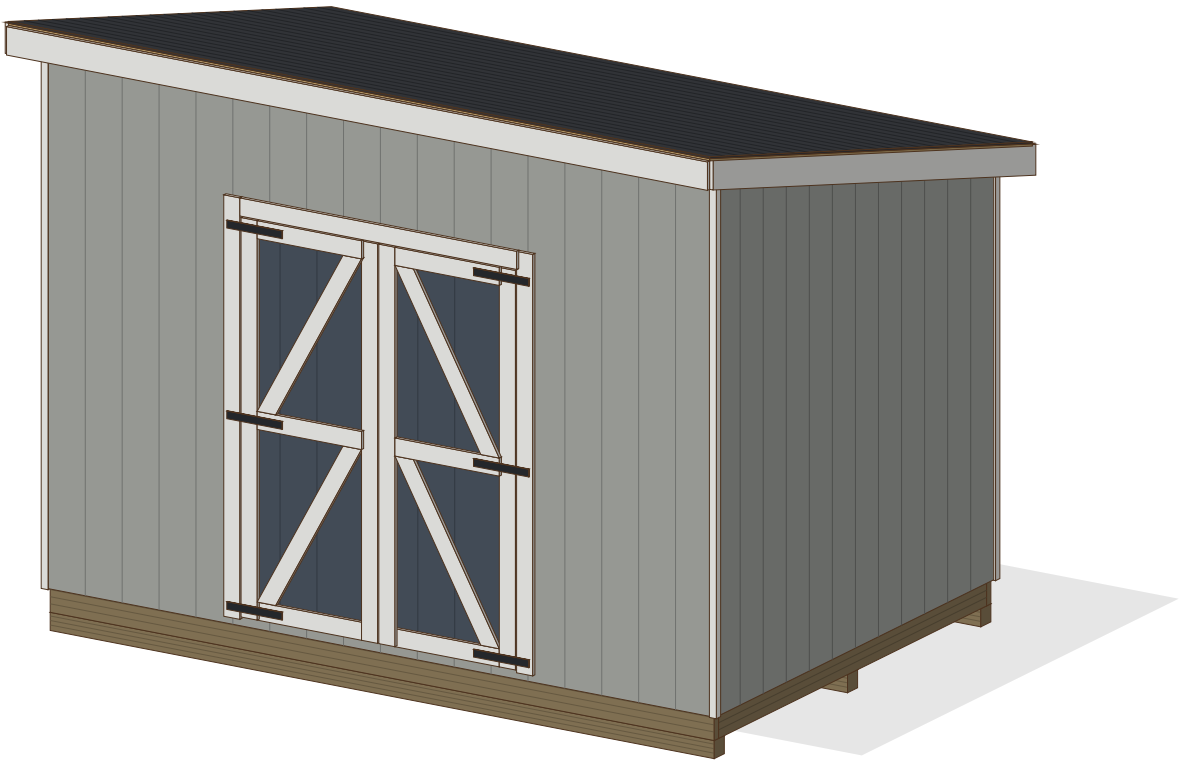
8X12

LEAN-TO SHED PLAN

FREE STREAMLINED VERSION



Step overview · Framing previews · 3D views

Get the full plan: material list, cut list and every measurement > www.3dshedplans.com/8x12-lean-to-shed-plan/

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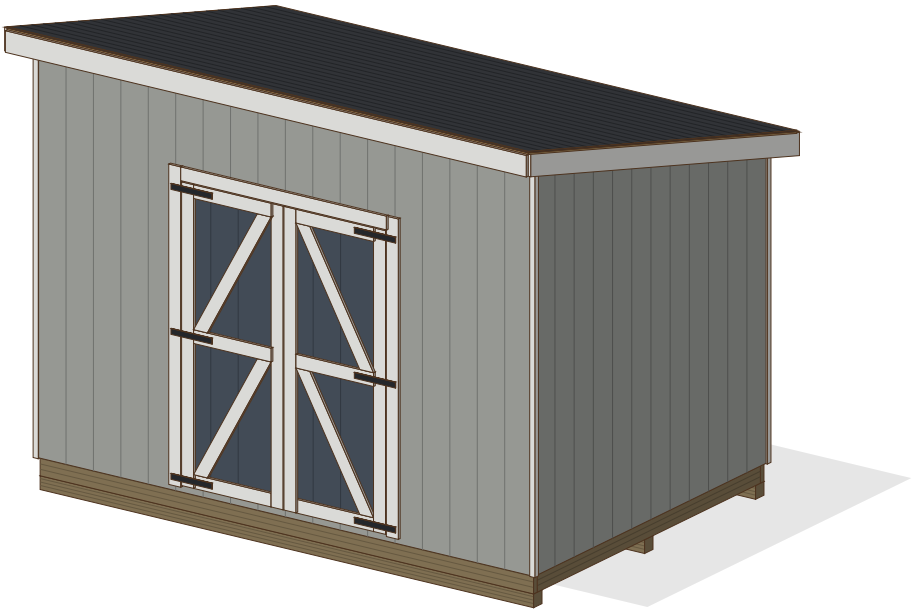
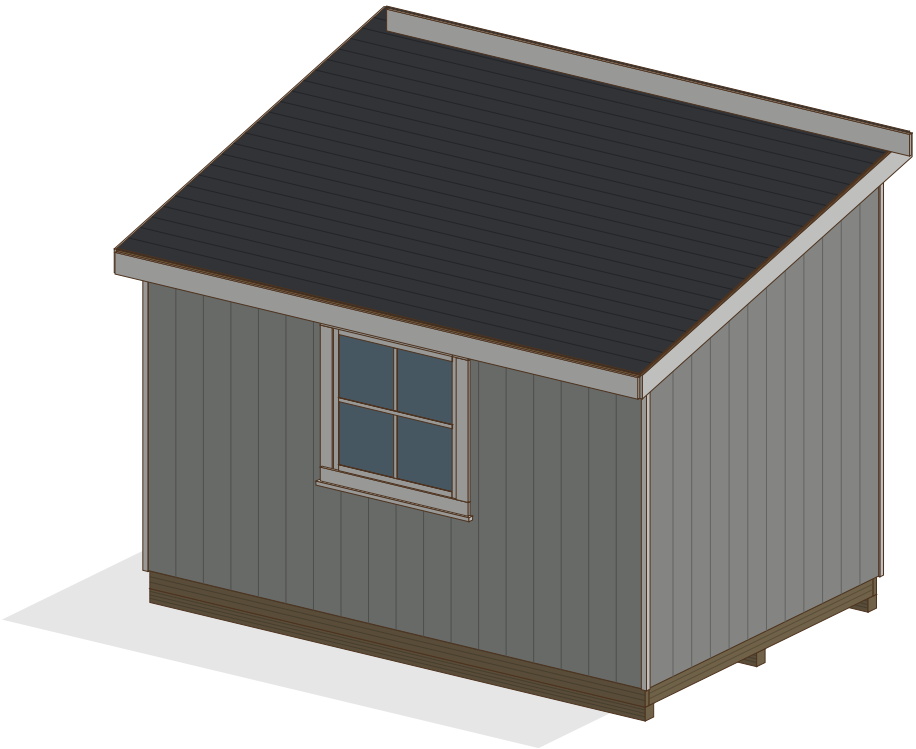
Before you start

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 8x12 lean-to shed plan with views of the same 3D model the full plan is drawn from. Below: the finished shed from the front and from the back.





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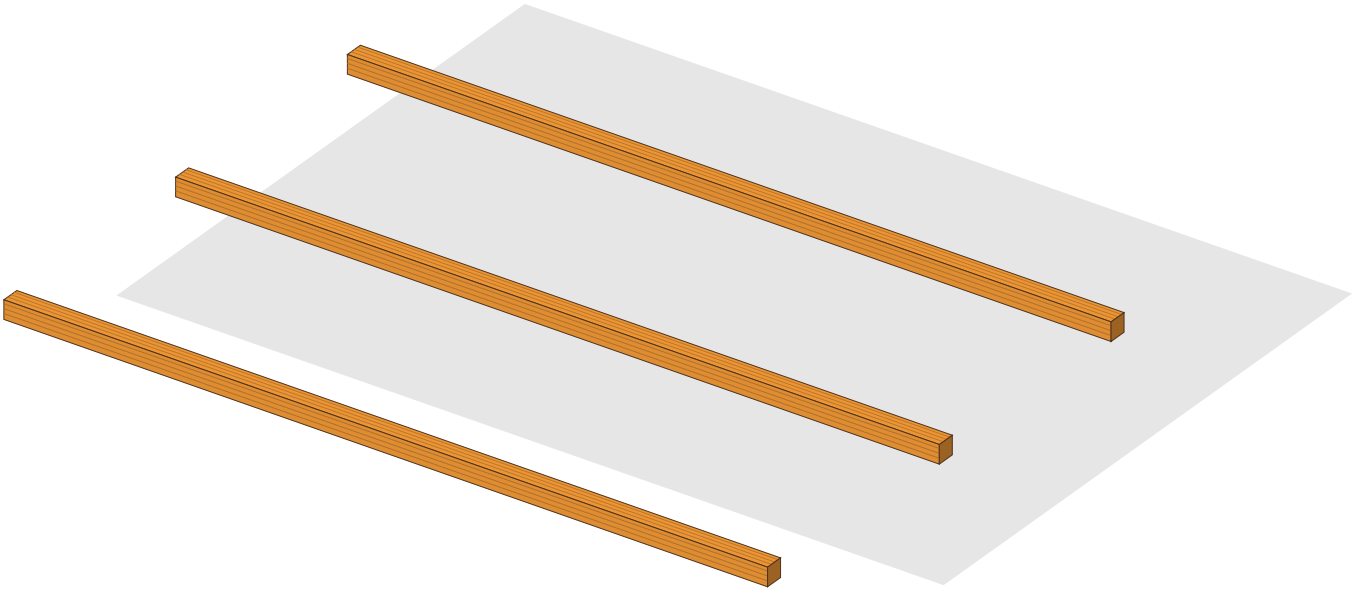
1 SITE AND FOUNDATION

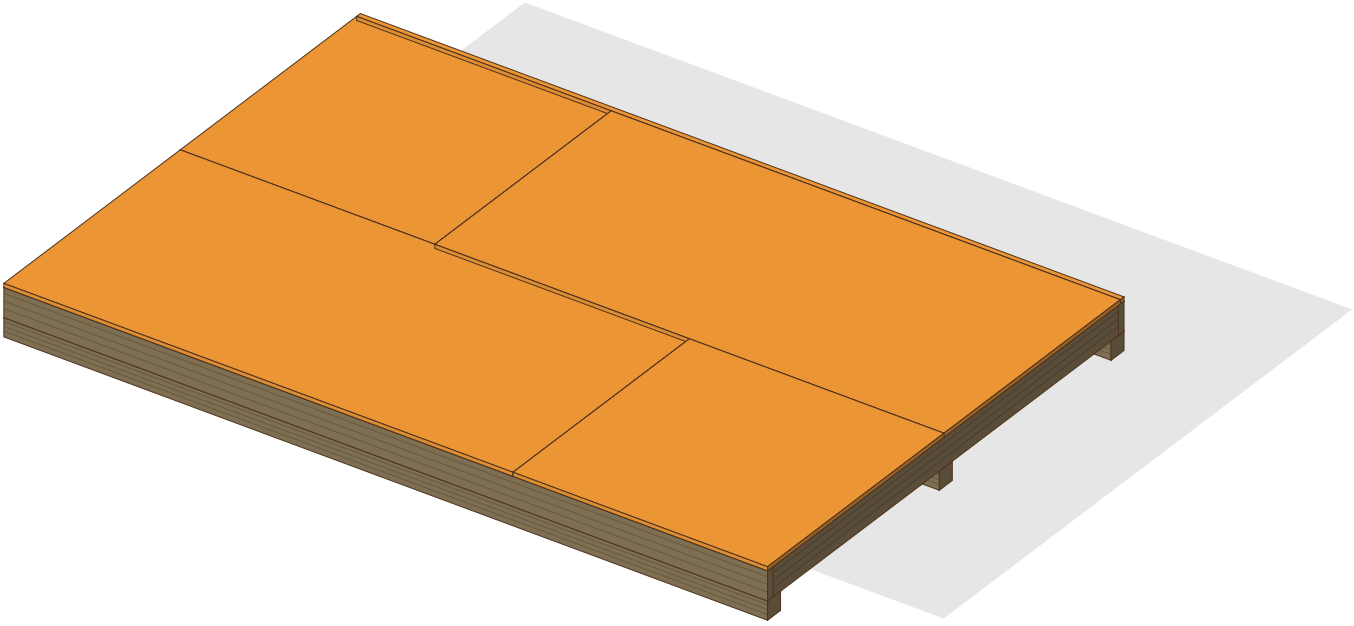
Clear and level the site, lay a compacted gravel pad and set the pressure-treated 4x4 skids level in both directions.



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/8x12-lean-to-shed-plan/



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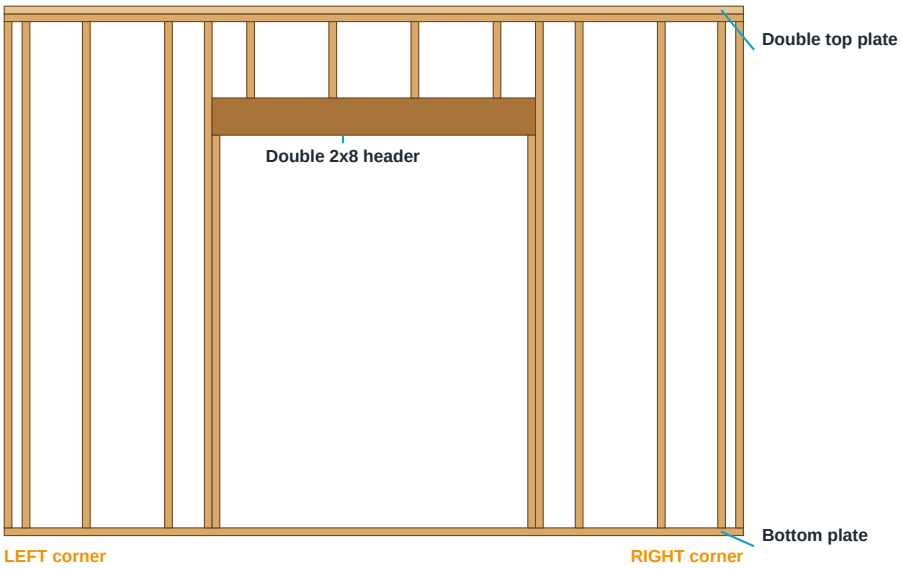
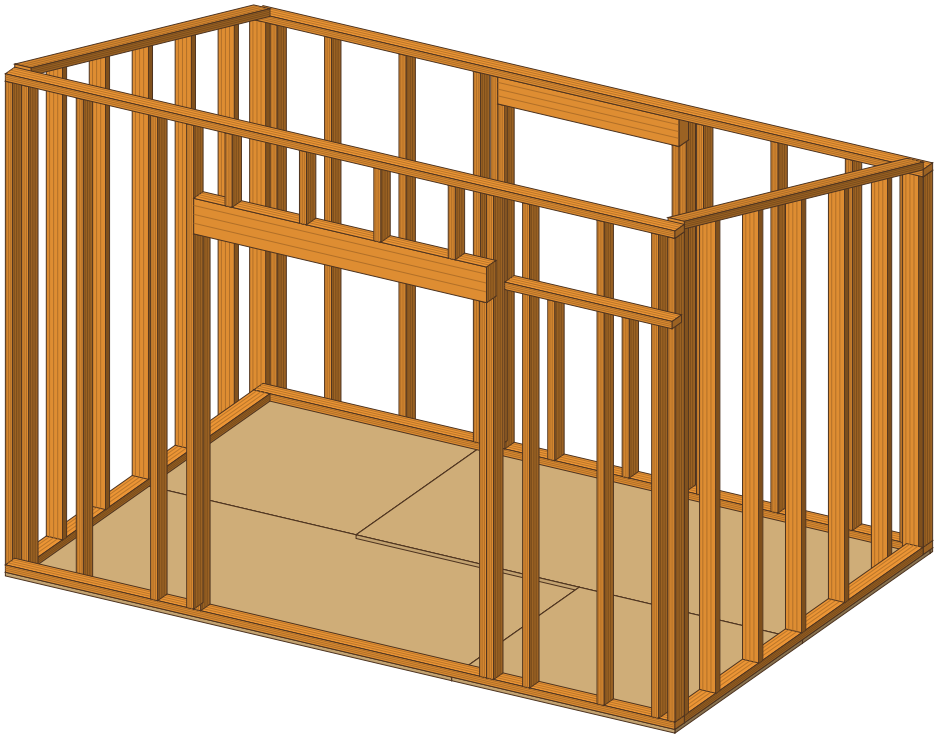
3 WALLS

Frame a tall front wall with the door, a low back wall with the window, and two side walls whose tops follow the roof slope, all with 2x4 studs 16 in on center. Square each one, raise it as a bare frame with a helper (tall front wall first), brace it plumb, and tie the corners together. Then 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/8x12-lean-to-shed-plan/





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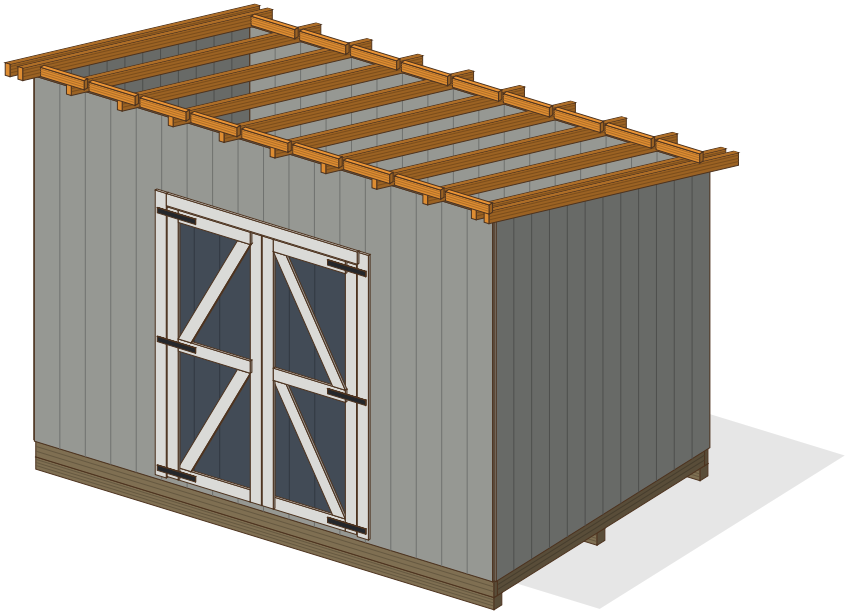
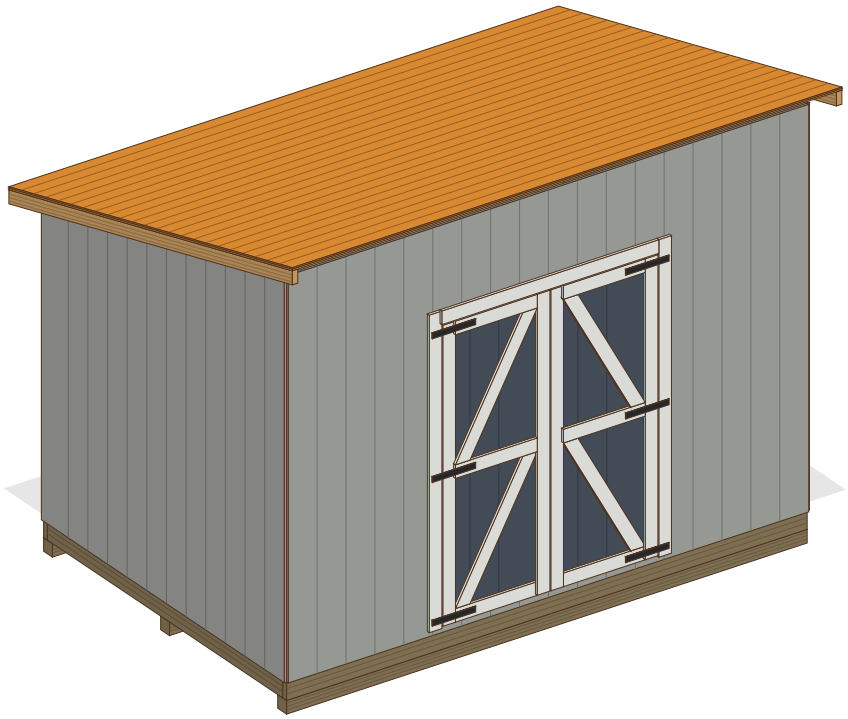
4 ROOF

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/8x12-lean-to-shed-plan/





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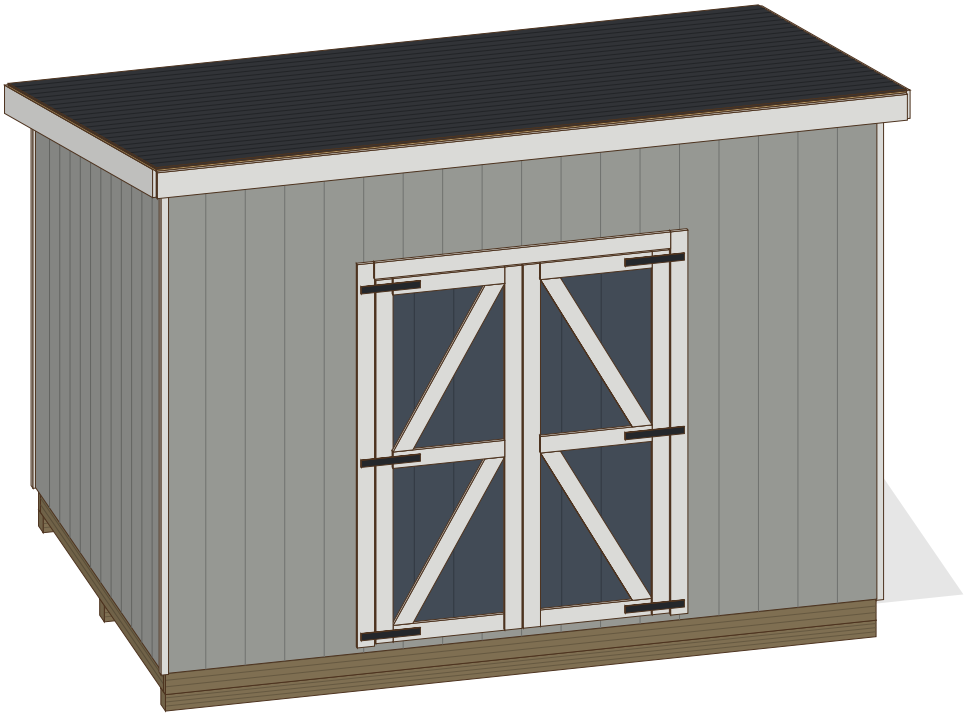
5 TRIM AND PAINT

Add the corner trim, the window casing and the drip caps, then prime and paint or stain.

In the full plan: the casing and trim table, the drip caps and the corner trim. www.3dshedplans.com/8x12-lean-to-shed-plan/



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Ready to build?

The full 8x12 lean-to shed plan gives you the shopping list, the cut list, every measurement and a dimensioned drawing for each step. Instant PDF download for $19.99: www.3dshedplans.com/8x12-lean-to-shed-plan/

	Free	Full plan
3D views and step overview	Yes	Yes
Material list with quantities	No	Yes
Cut list for every part	No	Yes
Measurements in every step and drawing	No	Yes
Wall framing drawings with openings	Preview	All walls, dimensioned
Rafter pattern with both birdsmouth marks	No	Yes
Pro tips	No	Most steps

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