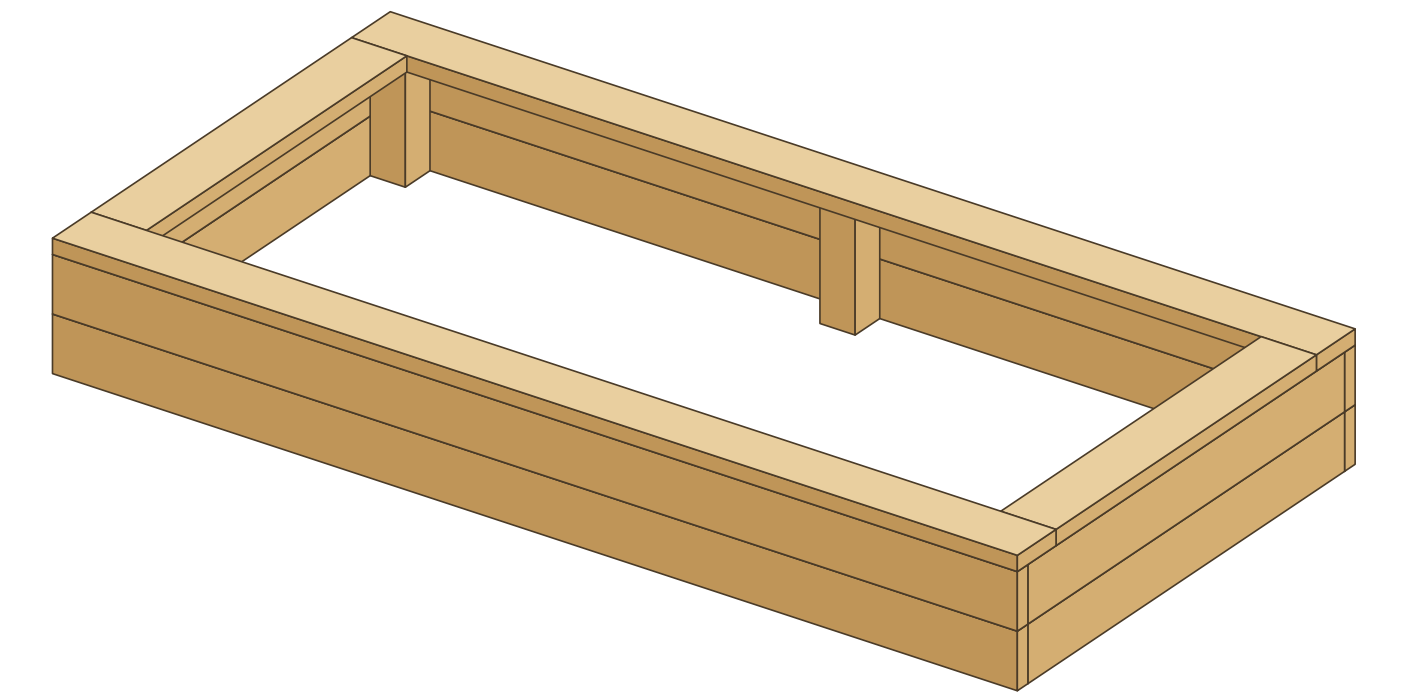


FREE PLAN

4'-0" x 8'-0" Raised Garden Bed, 12-1/2" tall

Step-by-step build plan with dimensioned drawings



Outside size	4'-0" x 8'-0"
Height	12-1/2" overall (2 courses of 2x6, plus 2x6 cap rail)
Inside growing area	7'-9" x 3'-9"
Corners	4x4 posts inside each corner
Mid-span posts	2
Plan ID	RB-48x96x11

Not engineered. Check local codes. Build at your own risk. These plans show one way to build this project. They are not reviewed by a licensed professional. You are responsible for checking local rules, your materials and your own safety.

Free vs Premium

This free plan has everything you need to build the bed. The Premium plan adds the shopping list and cut planning, so you buy the right boards the first time.

What you get	Free	Premium
Step-by-step instructions	7 steps	11 steps
Cut length for every part (in the steps)	✓	✓
Top, front and side drawings with dimensions	✓	✓
3-D assembly figure for each build step	✓	✓
Exploded assembly view with part legend	—	✓
Full cut list table (part, qty, length, stock)	—	✓
Board-by-board cutting diagram for 8/10/12 ft stock	—	✓
Lumber shopping list: boards to buy by length, waste %	—	✓
Fastener counts by size	—	✓
Tools list and wood-finish guide	—	✓
Soil volume and gopher-liner sizing	—	✓

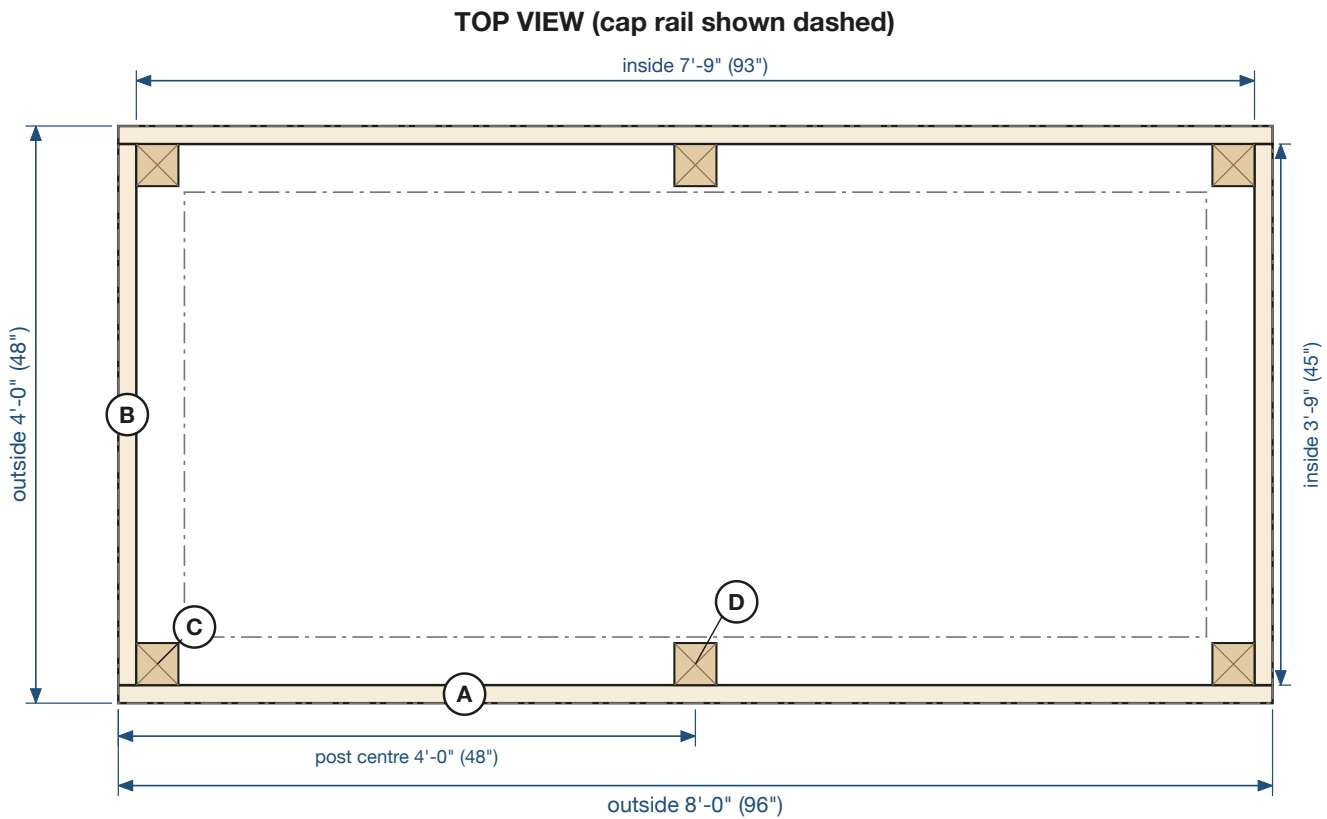
Get the Premium plan — \$19.99

One-time purchase. Instant PDF download.

Need a different size?

We generate this plan for your exact width, length and height, with the cut list and shopping list recalculated for your size.

Drawings · top view



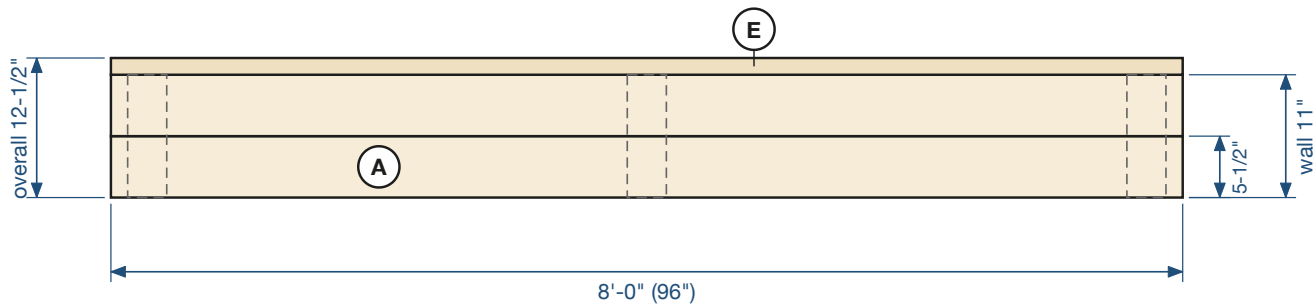
Part key

Part	Name	Stock
A	Long side board	2x6
B	End board	2x6
C	Corner post	4x4
D	Mid-span post	4x4
E	Long cap rail	2x6
F	End cap rail	2x6

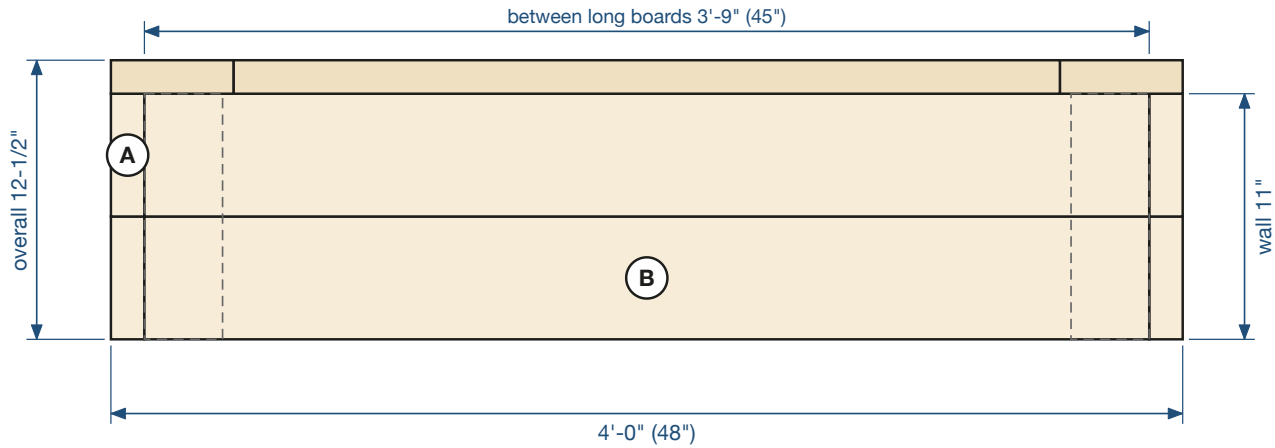
Drawings are not to scale. Build from the written dimensions.

Drawings · elevations

FRONT VIEW (long side) — posts hidden, dashed



SIDE VIEW (end) — posts hidden, dashed



Build steps

1 Prepare the site

- Pick a level spot with 6–8 hours of sun. Mark out a 4'-0" x 8'-0" rectangle with stakes and string.
- Remove sod and rake the area flat. Check with a level on a long straight board; dig high spots rather than filling low ones.

2 Cut the parts

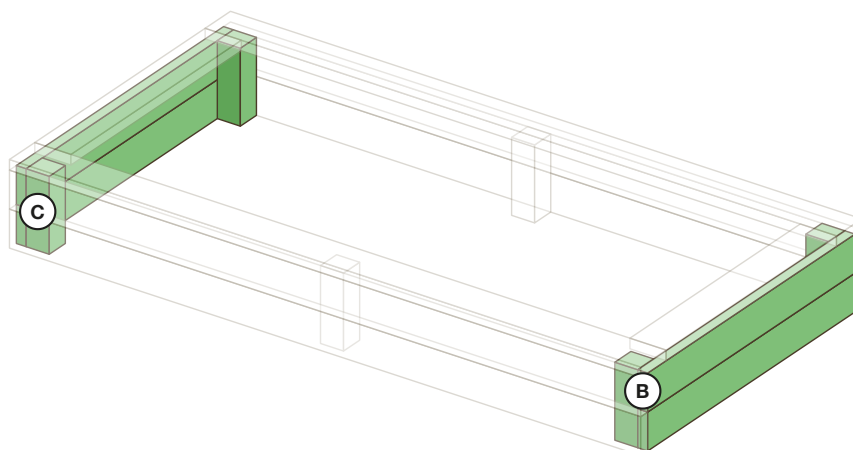
Cut every part to length before assembly. Label each piece with its letter.

- 4 x long side boards (A) — 2x6 board, cut to 96" (a full 8'-0" board — square the ends, no cut needed)
- 4 x end boards (B) — 2x6 board, cut to 45"
- 4 x corner posts (C) — 4x4 post, cut to 11"
- 2 x mid-span posts (D) — 4x4 post, cut to 11"
- 2 x long cap rails (E) — 2x6 board, cut to 96" (a full 8'-0" board — square the ends, no cut needed)
- 2 x end cap rails (F) — 2x6 board, cut to 37"

Square both ends of every board with a speed square before measuring.

3 Build the two end panels

- Lay two corner posts (C) on a flat surface, 45" apart (outside to outside).
- Screw the end boards (B) across the posts, stacking 2 courses per panel. Keep each board's end flush with the outside face of the post and the bottom board flush with the post bottoms.
- Fasten with 2 #9 x 3" exterior screws per board end, pre-drilled 3/4" from the edges.

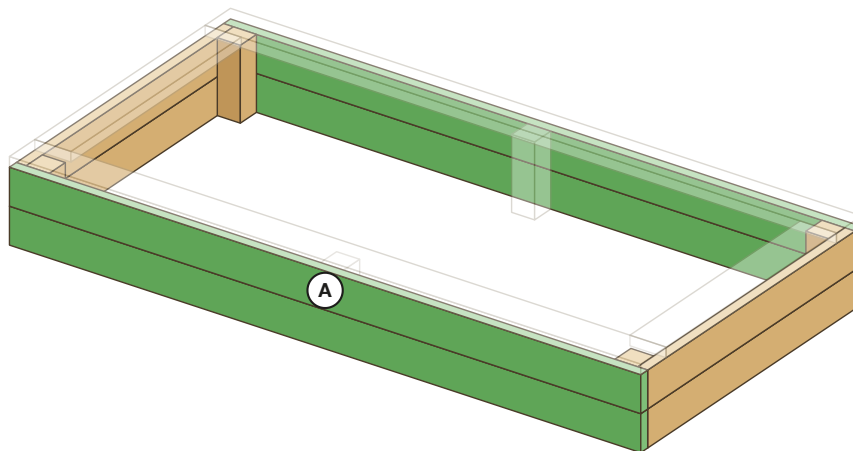


Green: parts added in this step. Faint outline: parts added later.

Build steps (continued)

4 Attach the long sides

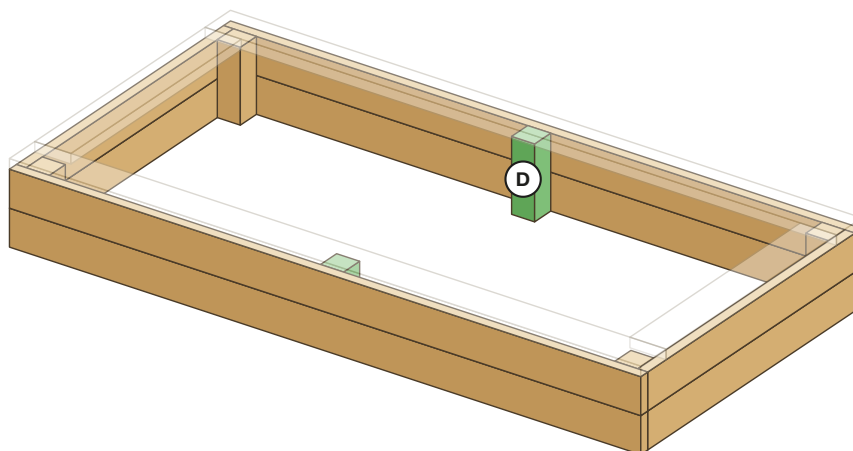
- Stand both end panels up, 8'-0" apart (outside to outside).
- Screw the long side boards (A) to the corner posts. Each long board overlaps the end of the end board, covering its end grain, and finishes flush with the outside of the end panel.
- Use 2 #9 x 3" screws into the post at each board end. Start with the bottom course and work up.



Green: parts added in this step. Faint outline: parts added later.

5 Add the mid-span posts

- Fit the mid-span posts (D) inside the long walls, centred 48" from the outside end.
- Clamp each post tight to the boards and drive 2 screws through every board into it, from the outside.

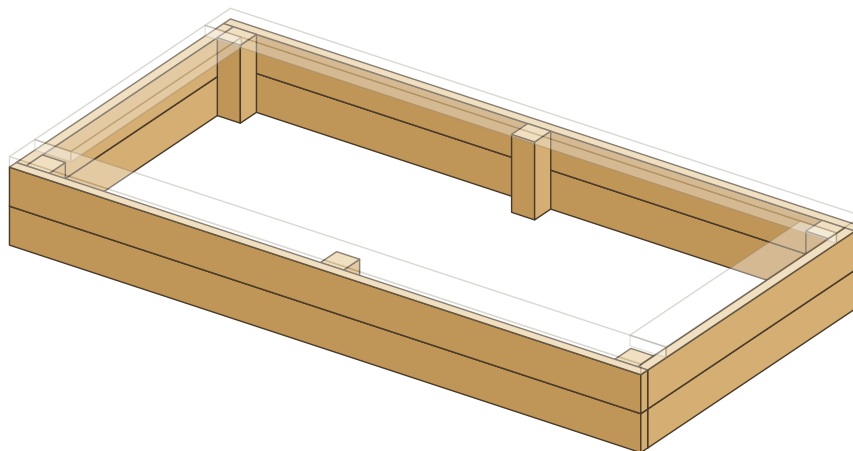


Green: parts added in this step. Faint outline: parts added later.

Build steps (continued)

6 Square and level the frame

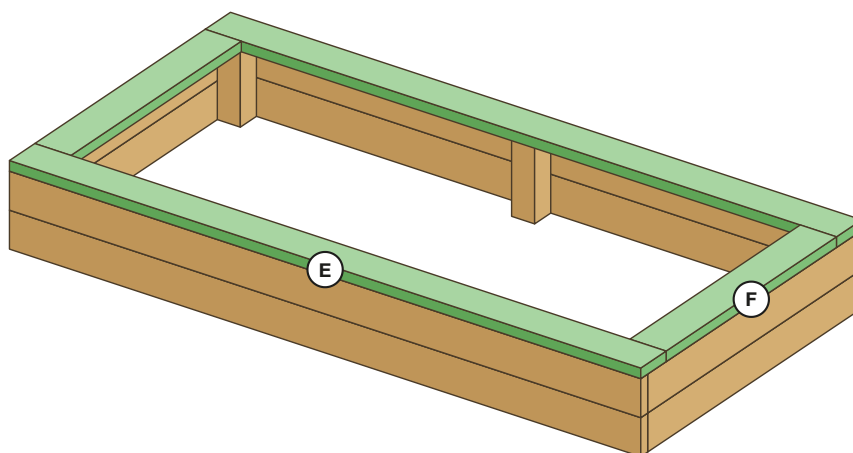
- Measure both diagonals, outside corner to outside corner. Each should read 8'-11-5/16". Push the long corners toward each other until the two match.
- Set the frame in place and check level along both sides. Dig under high corners until the bottom board touches soil all the way round.



Green: parts added in this step. Faint outline: parts added later.

7 Install the cap rail

- Lay the long cap rails (E) flat on the long walls, flush with the outside faces and ends.
- Fit the end cap rails (F) between them, flush with the outside of the end walls.
- Pre-drill and drive #9 x 3" screws down into the walls and posts every 16".



Green: parts added in this step. Faint outline: parts added later.

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About this plan

Not engineered. Check local codes. Build at your own risk.

All dimensions, the cut list and the shopping list in this plan are calculated from the size you chose. They were not test-built at this exact size. Measure your actual lumber before cutting, because dressed sizes vary between mills and stores.

Wood, fasteners and soil can be heavy. Lift with help, wear eye protection when cutting, and follow your tool manufacturer's instructions.

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