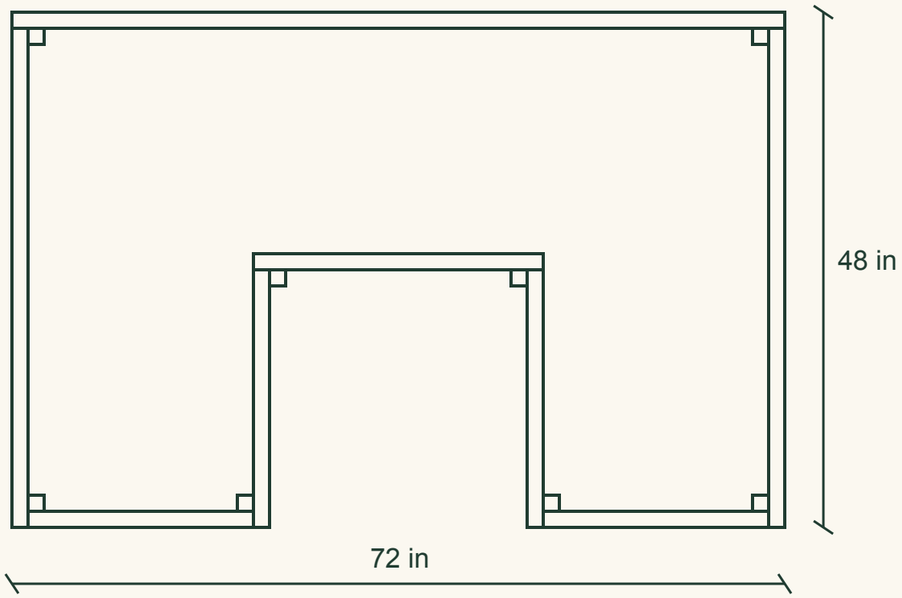
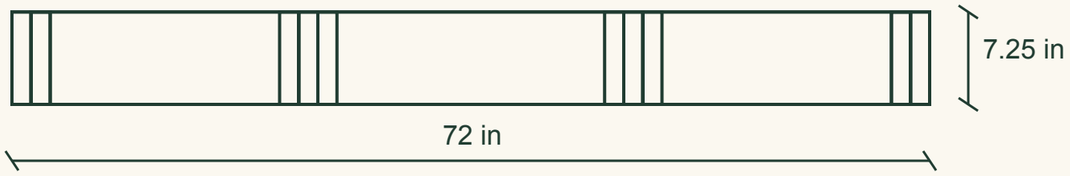
29 Build a Low U-Shaped Cedar Bed with a Center Path

01 / MEASURED VIEWS

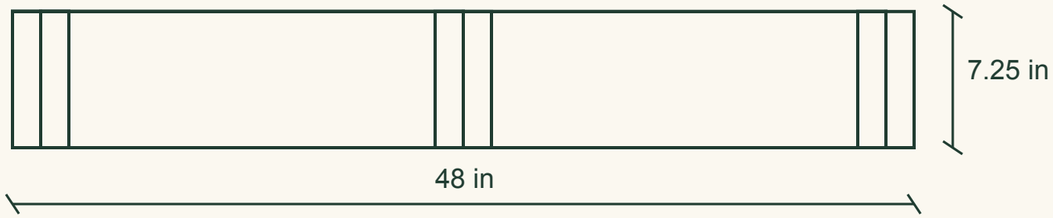
TOP



FRONT



SIDE



Origin is the front-left-bottom outside corner, at the front end of E0 and the outside face of F0. X is width along the front (0 to 72), Y is depth toward the back (0 to 48), and Z is height (0 to 7.25). The path notch opens at Y 0 between X 24 and X 48. Wall heights are measured from each wall's bottom edge.

Screws, pilots, soil, stakes and string are omitted from the model. C blocks are shown in place without screw holes. Ground preparation is not drawn. The drawing is not a structural review and does not establish wall capacity.

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02 / CUT LIST AND CONNECTION DETAILS

PART	QTY	FINISHED CUT / PURCHASED COMPONENT
B	1	Back wall (runs through) — 72 × 7.25 × 1.5 in
E	2	End wall (runs through at front, fits against B at rear) — 46.5 × 7.25 × 1.5 in
F	2	Front arm wall (fits between E and I) — 21 × 7.25 × 1.5 in
I	2	Inner path wall (runs through at front, fits against P at rear) — 24 × 7.25 × 1.5 in
P	1	Path back wall (runs through) — 27 × 7.25 × 1.5 in
C	8	Corner block — 7.25 × 1.5 × 1.5 in

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03 / CONNECTIONS AND CRITICAL FEATURES

CONNECTION SCHEDULE

One C block (1.5 × 1.5 × 7.25) sits in each of 8 turns, flush top and bottom. Each block takes 2 screws through each of its 2 walls: 32 #10 × 2.5 stainless screws in total. Run-through ends (both ends of B and P, the front ends of E and I): screw line 2.25 from the end, holes 1.5 and 5.75 up. Fit-between ends (both ends of F, the rear ends of E and I): line 0.75 from the end, holes 2.5 and 4.75 up. Drive B, E and F from their outside faces. Drive the I front pair from the path face. Drive the I rear pair and P from the soil faces. Clamp every turn while drilling. Drill a clearance hole in the wall and a receiving pilot in the block. Each screw engages 1.0 in of block.

FIT AND LAYOUT CHECK

Outside 72 × 48 × 7.25. E fits against the inside face of B. F fits 21 between E and I. I butts the front face of P. Path clear is 24 wide × 24 deep, narrowing to 21 at C6 and C7. Arm bays are 21 × 24 clear; the rear bay is 69 × 21. Fill line is 6.25, leaving 1 in of freeboard.

LIMITS

No load rating is assigned. The soil pressure on the 72-in B span and on the one-sided path walls I and P has not been reviewed. A qualified reviewer must confirm these before filling. This is a ground-level, open-bottom bed only. Do not raise, stack or lengthen it. Do not sit, stand or step on any rim.

FEATURE CHECK BEFORE ASSEMBLY

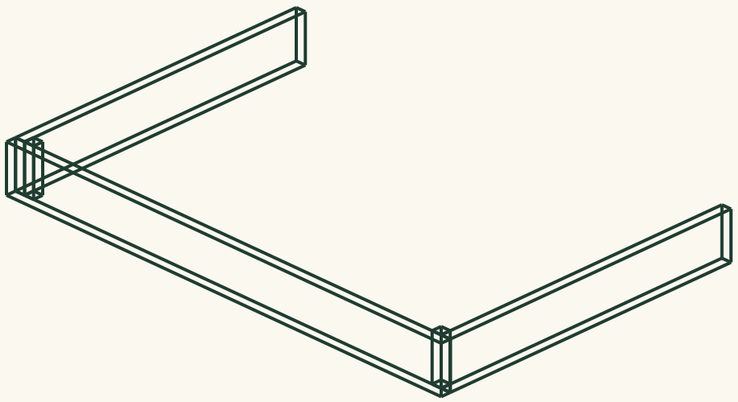


This shows the two receiving faces of one C block unfolded. The left face takes the run-through wall screws at 1.5 and 5.75 in up; the right face takes the fit-between wall screws at 2.5 and 4.75 in up. The horizontal line marks the 6.25-in fill line. Circles show screw centers, not pilot diameters. Confirm the actual screw's edge and end distances on a trial joint, especially at the 0.75-in fit-between lines. A qualified reviewer must confirm restraint of the inner walls I and P before release.

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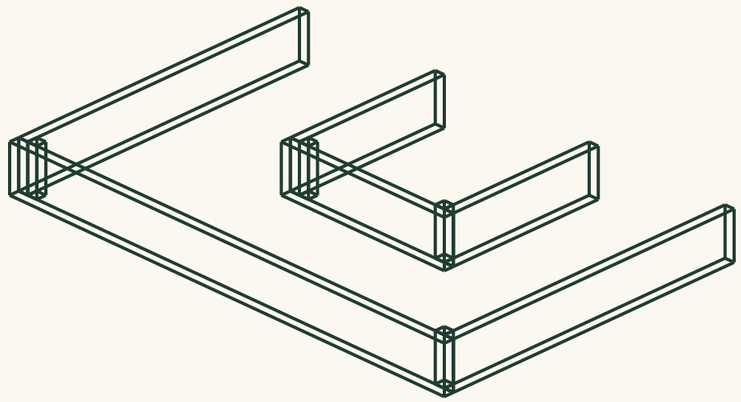
04 / ASSEMBLY STUDIES

STEP 6 / REAR CORNERS



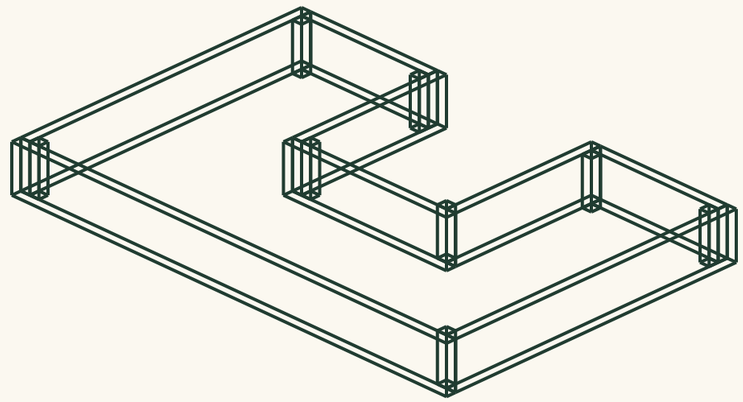
Both E walls fit against the inside face of B, each corner backed by a C block.

STEP 7 / PATH MODULE



P and both I walls form the 24-inch path, with C6 and C7 on the path side.

STEP 8 / FRONT ARMS CLOSED



Each F wall ties its arm closed and holds the path module 21 inches from the outer walls.

Original schematic studies show part relationships, not an operator or a photographed build. Use the numbered instructions for workholding, fastening and inspection.