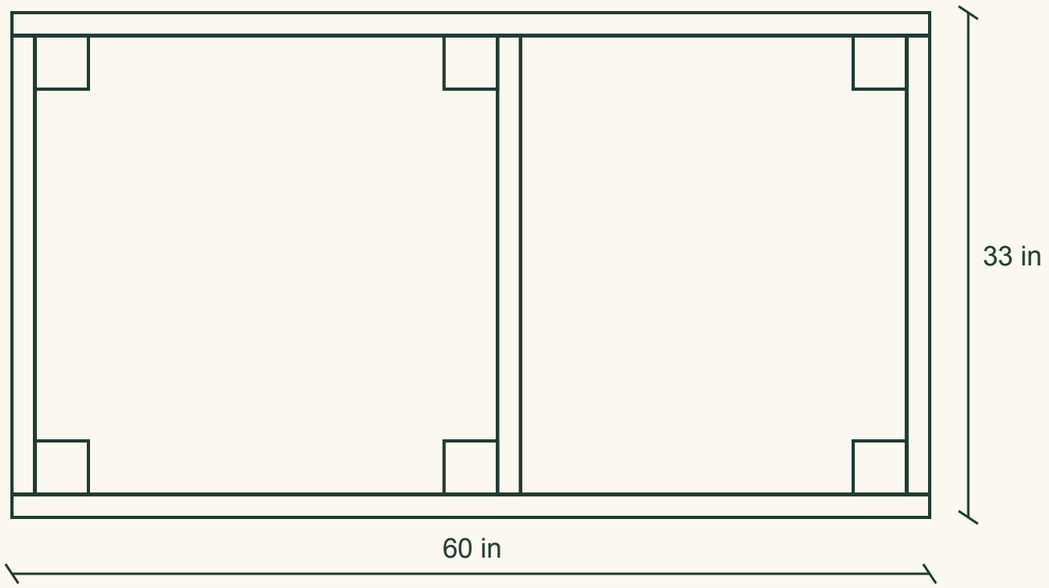
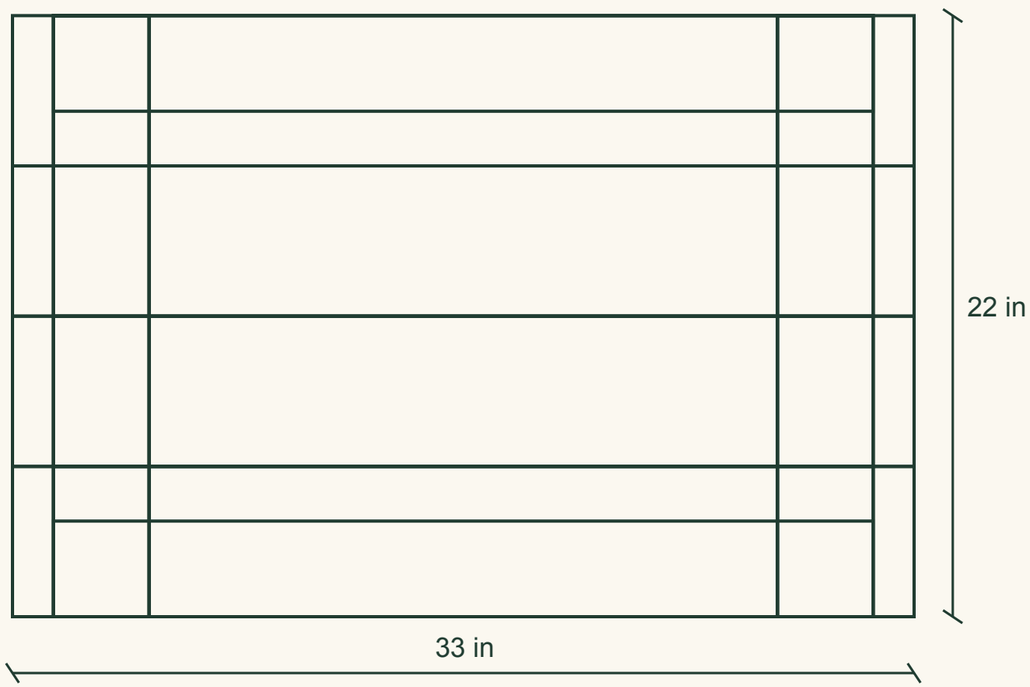
26 Build a Braced Deep-Root Cedar Raised Bed

01 / MEASURED VIEWS

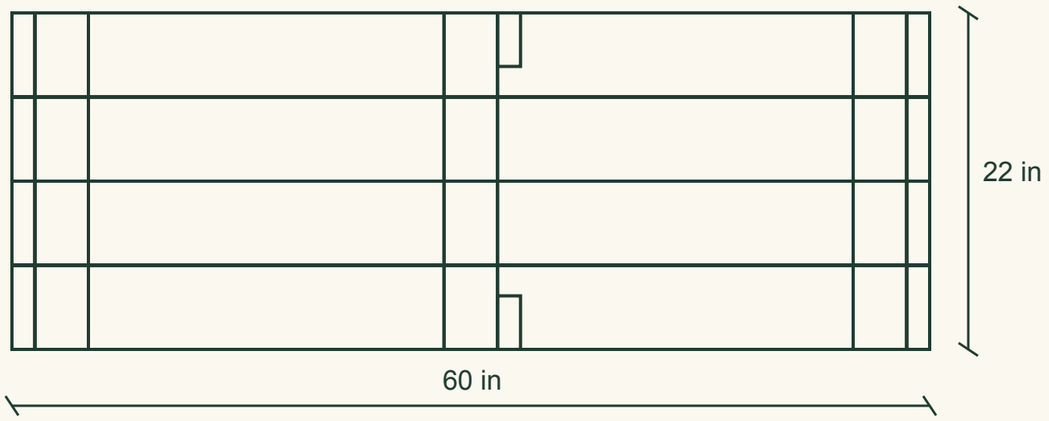
TOP



SIDE



FRONT



Origin is the front-left-bottom outside corner at ground level. X is width along the long walls, Y is depth from the front wall to the back wall, Z is height. All dimensions are in inches. Board screw heights are measured from each board's own bottom edge.
Parts are drawn as plain rectangles. Screws, eased edges, soil and the ground are not shown. Screw positions are in the connection schedule, the corner detail and step 5. Build to the written dimensions; do not trace the drawings.

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02 / CUT LIST AND CONNECTION DETAILS

PART	QTY	FINISHED CUT / PURCHASED COMPONENT
L	8	Long wall board — 60 × 5.5 × 1.5 in
E	8	End wall board — 30 × 5.5 × 1.5 in
C	4	Corner post — 22 × 3.5 × 3.5 in
M	2	Mid-wall post — 22 × 3.5 × 3.5 in
T	2	Cross tie — 30 × 3.5 × 1.5 in

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03 / CONNECTIONS AND CRITICAL FEATURES

CONNECTION SCHEDULE

Wall screws: #10 × 3 in, two per board at each post, 80 total. L to C: lines 3.25 from each L end; heights 1.25 and 4.25 above the board bottom; 8 × 2 × 2 = 32. L to M: line 29.25 from the left L end, same heights; 8 × 2 = 16. E to C: lines 1.75 from each E end; heights 2.0 and 3.5; 8 × 2 × 2 = 32. Tie screws: two through each T end into the right face of M, 1.75 from the T end, 1.0 and 2.5 above the T bottom; 8 total. Clamp every board or tie flush before drilling.

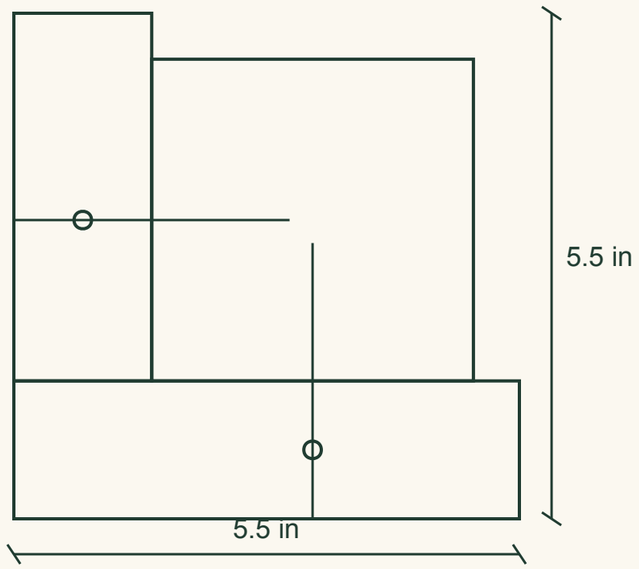
FIT AND LAYOUT CHECK

Outside 60 × 33 × 22. L runs through. E fits between the L walls, giving 30 in between long walls. Four 5.5-in courses make 22 in. C and M sit flush top and bottom. Inside clear is 57 × 30 before the posts. Long-wall spans between C and M are 23.25 in. T sits at x 31.75–33.25, with tops at 3.5 and 22. Fill line 21 in, 1-in freeboard.

LIMITS

No load rating is assigned. Wall pressure, spans and screw capacity have not been engineered or load-tested. Do not build taller or longer, or place on slopes, paving, decks or against buildings. Not a seat, step or retaining wall. Do not move once filled.

FEATURE CHECK BEFORE ASSEMBLY

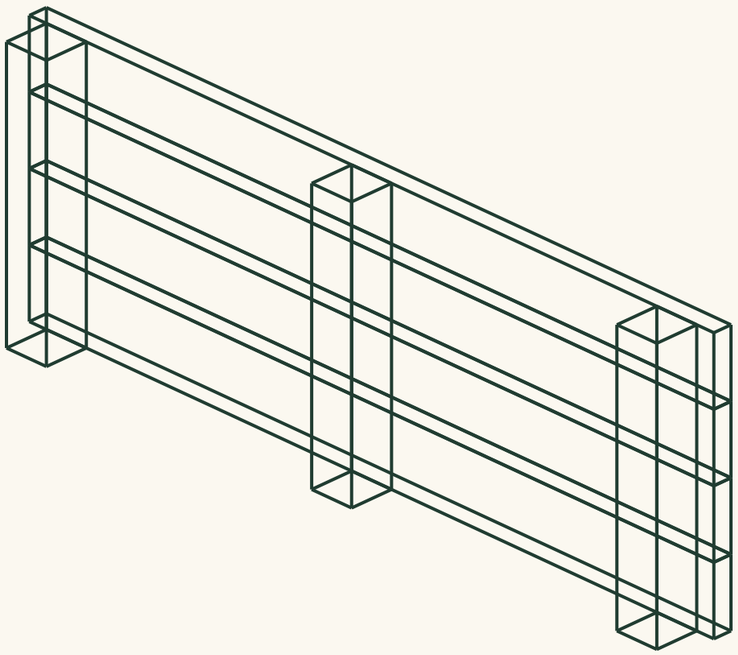


Plan view of the front-left corner: L along the bottom, E at left, C at the inside corner. L screws run on a line 3.25 in from the L end, and E screws run on a line 1.75 in from the E end. Their tips stop 0.25 in apart inside C, so the paths do not cross. The circles mark screw centers, not pilot diameters. Confirm the selected screw's pilot, edge distance and length in an offcut before drilling.

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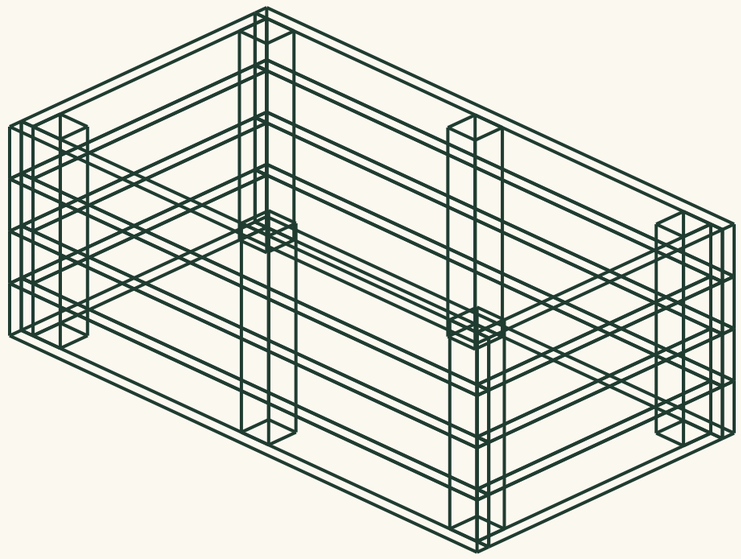
04 / ASSEMBLY STUDIES

STEP 6 / FRONT LONG WALL



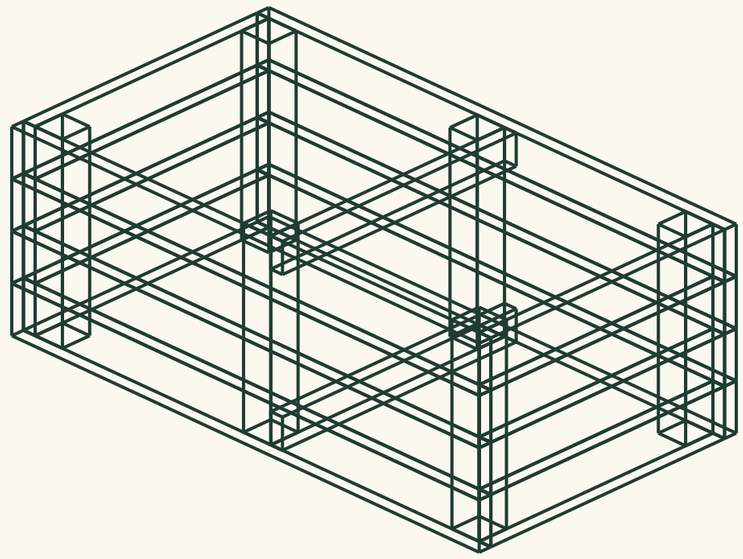
Four L boards screwed to two corner posts and one mid post, flush top and bottom.

STEP 7 / WALLS AND ENDS



End boards fit between the long walls and fasten into the corner posts.

STEP 8 / CROSS TIES FIXED



Ground-level and rim ties join the mid posts after the frame is squared.

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