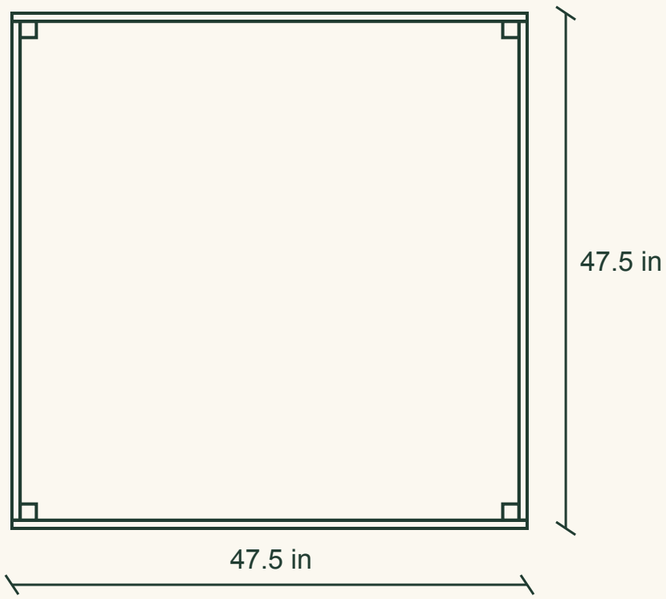
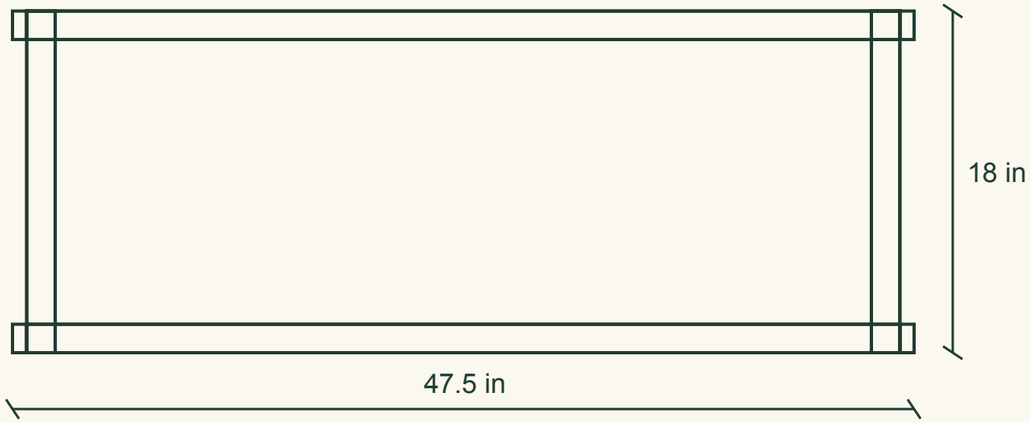
37 Build a Lift-Off Garden Pest Screen

01 / MEASURED VIEWS

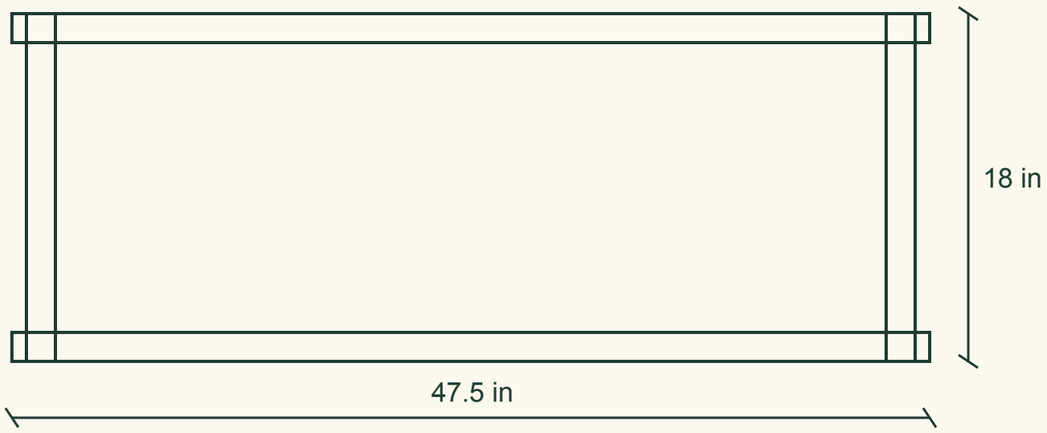
TOP



SIDE



FRONT



Origin is the front-left-bottom outside corner. X is width, Y is depth, Z is height; all written dimensions are inches.

The measured rails and posts are shown. Mesh and its fitted molding are omitted to show the frame; their exact cuts and screw counts are listed. The cover rests on the rim, not around the bed. Build to the written sizes; do not trace the drawings.

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02 / CUT LIST AND CONNECTION DETAILS

PART	QTY	FINISHED CUT / PURCHASED COMPONENT
L	4	Front and back frame rail — 47.5 × 1.5 × 0.75 in
E	4	Between-side frame rail — 46 × 1.5 × 0.75 in
P	4	Upright — 18 × 1.5 × 1.5 in
M	1	Insect mesh panels — One top 54 × 54; four sides 54 × 22 in before fitting
HL	4	Front and rear retaining strip — 47.5 × 0.75 × 0.25 in
HE	4	Side retaining strip — 46 × 0.75 × 0.25 in
V	8	Corner-post retaining strip — 15 × 0.75 × 0.25 in

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03 / CONNECTIONS AND CRITICAL FEATURES

CONNECTION SCHEDULE

24 #8 × 1.5-in frame screws: at each of four posts, 2 on the long face plus 1 on the end face, for each of two frames. Through 0.75-in rails leaves 0.75 in in posts. Local heights: long 0.375/1.125; end 0.75; add 16.5 for upper frame. 80 #4 × 0.75-in retaining screws: five per each of 16 strips, 0.5 in into wood after molding. Horizontal strip holes: 2.5-in end margins; vertical: 0.75-in margins; three equal intermediate spaces. Keep all clear of frame screws.

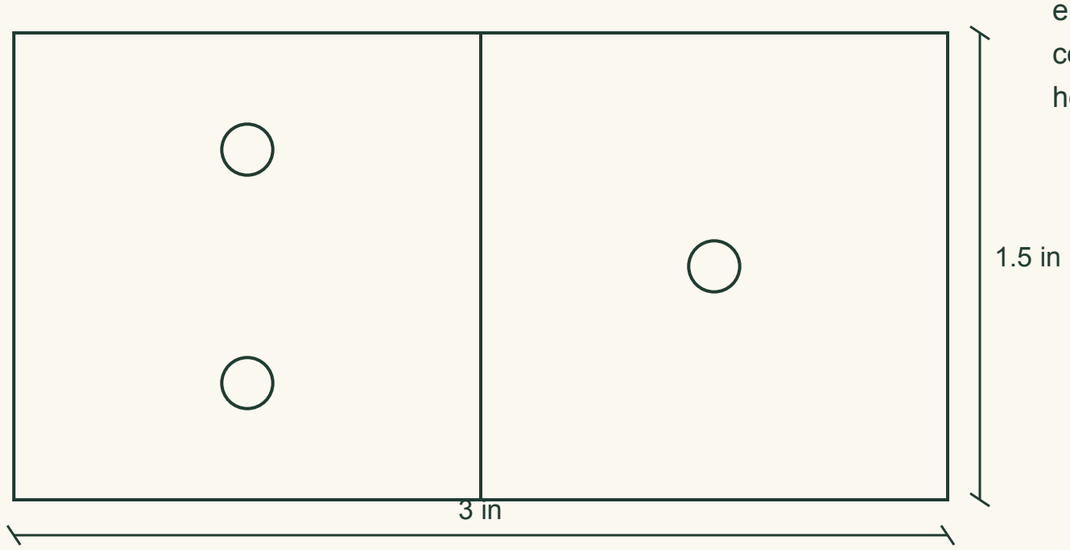
FIT AND LAYOUT CHECK

47.5 × 47.5-in wood frame sits centered ON a 48 × 48-in bed with a flat rim at least 1.5 in wide. Setback is 0.25 in each side. The 0.25-in outside molding makes overall width about 48 in. Corner posts occupy part of the 46-in space between rails; do not use it as a slip-over opening. Height 18 in. Vertical strips fit the 15-in exposed post faces.

LIMITS

No tested load rating is assigned. Use only for the stated garden task; never stand, sit or climb on this object.

FEATURE CHECK BEFORE ASSEMBLY

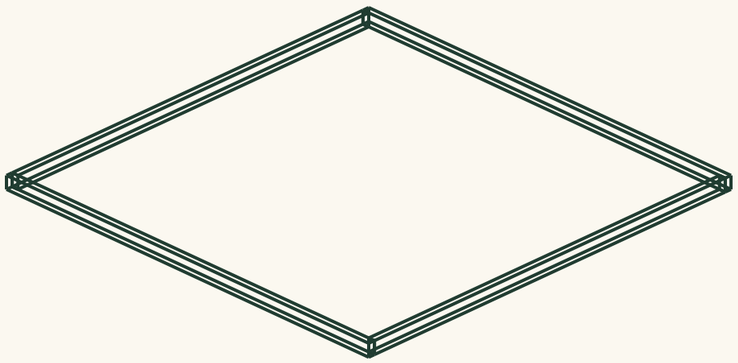


Two unfolded post faces: long face gets two screws at 0.375 and 1.125 in; end face gets one at 0.75 in. Add 16.5 in for upper rails. Symbols locate centers, not pilot sizes. This gives 24 frame screws without overlapping head pairs.

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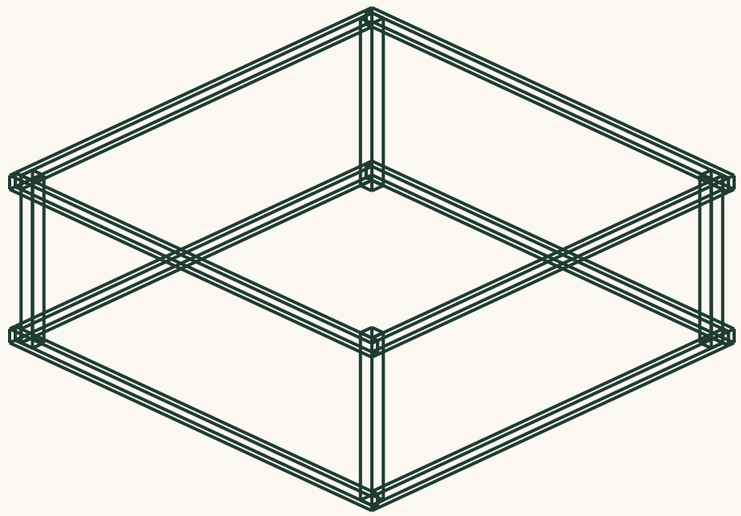
04 / ASSEMBLY STUDIES

STEP 3 / LOWER FRAME



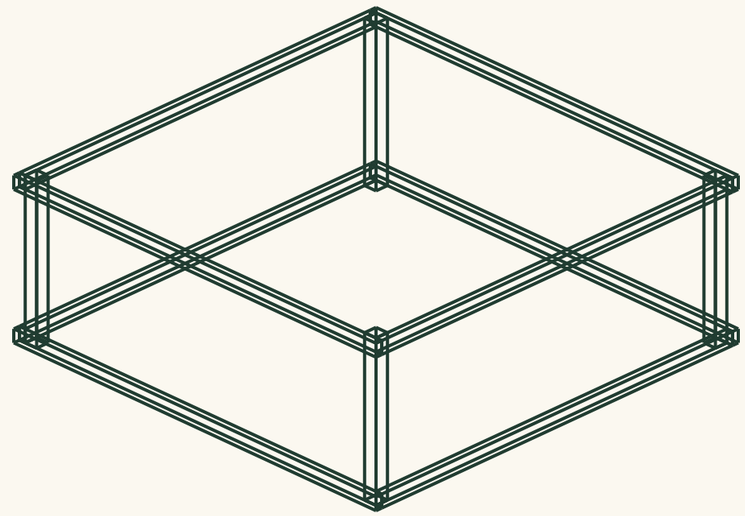
Fit the ends between the long rails.

STEP 6 / MATCHING UPPER FRAME



Check the upper and lower squares before fitting mesh.

STEP 8 / CAPTURE THE MESH



Fold raw margins inward; fit retaining strips without bowing the frame.

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