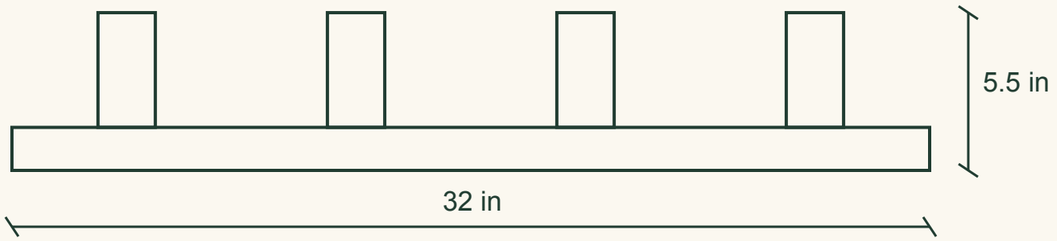
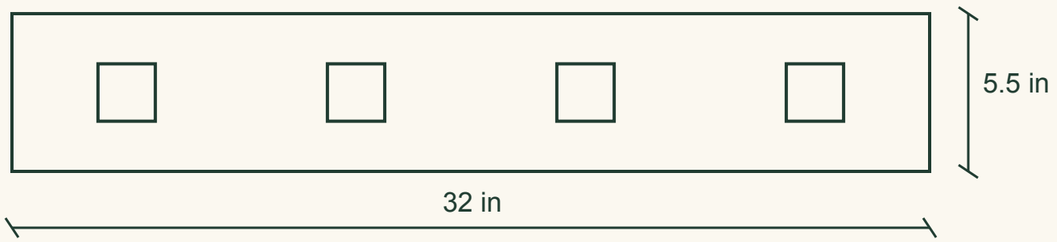
79 Build a Wall-Mounted Garden Tool Rail

01 / MEASURED VIEWS

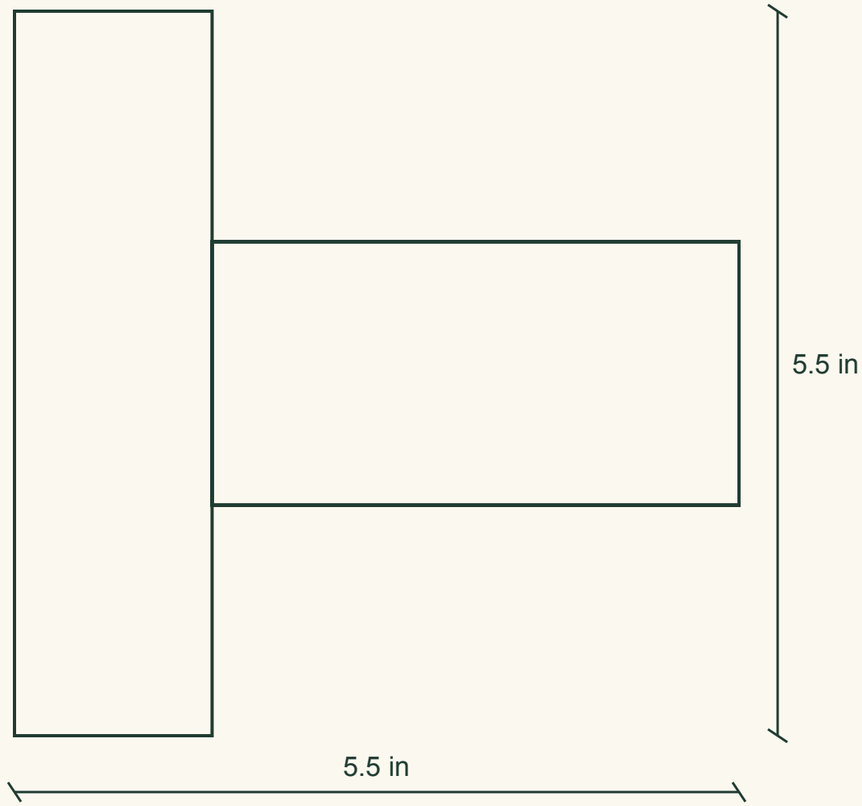
TOP



FRONT



SIDE



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

The measured rail and four wall-fixing centers are shown. Purchased holders are reference outlines, not product drawings. Transfer their real two-hole templates as described in steps 7 and 8. Wall structure and concealed services must be checked on site; do not trace the sheets.

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02 / CUT LIST AND CONNECTION DETAILS

PART	QTY	FINISHED CUT / PURCHASED COMPONENT
R	1	Wall rail — 32 × 5.5 × 1.5 in
K	4	Replaceable tool bracket — Mount within 32 × 5.5 rail; actual projection selected from the tool fit

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03 / CONNECTIONS AND CRITICAL FEATURES

CONNECTION SCHEDULE

Four #10 × 4-in wall screws at x 8/24 and z 1.25/4.25 from rail bottom; timber studs must be 16 in apart. Potential bite is 4 − 1.5 − covering − washers: 2 in with 0.5-in covering and no washer. Verify the selected screw instructions. Eight #8 × 1.25-in bracket screws: two per 1/16–1/8-in plate, giving 1.1875–1.125 in into the rail. Bracket centerlines 4/12/20/28; trace actual two-hole templates.

FIT AND LAYOUT CHECK

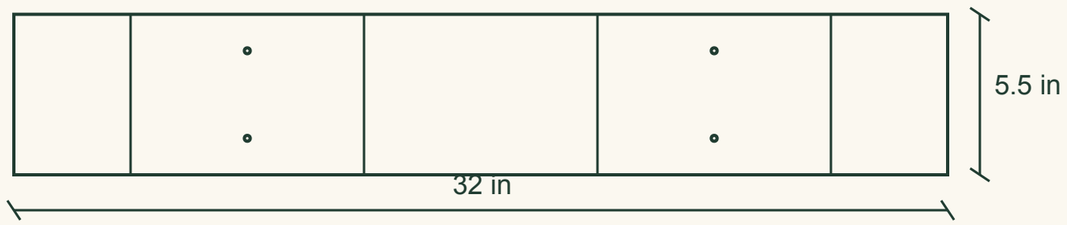
32 × 5.5 × 1.5-in timber rail. Start bottom at 54 in above the floor; adjust before drilling so tools clear the floor by 2 in and lift out below shoulder height. Example brackets project 4 in; actual product sets projection. Hole positions come from the selected templates and must stay clear of wall screws.

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

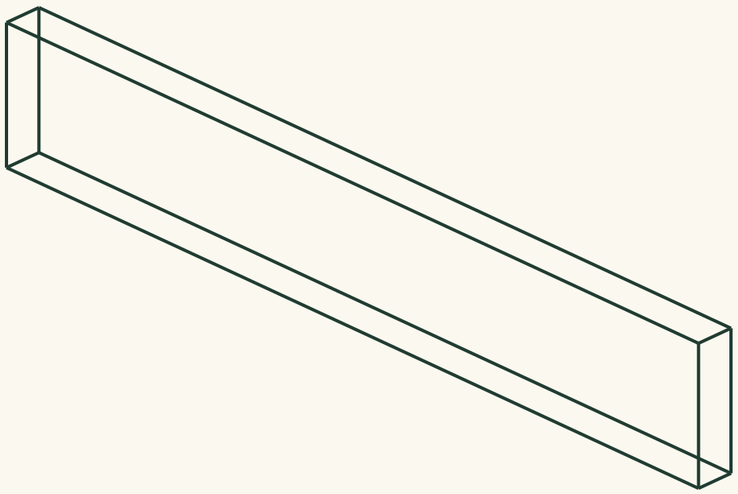
Rail face: wall-fixing columns 8 and 24 in, heights 1.25/4.25 in; bracket centerlines 4, 12, 20, 28 in. Bracket screw patterns come from actual products and must avoid wall fixings. Circles mark centers, not pilot diameter. This pattern requires verified studs on 16-in centers, not drywall-only mounting.



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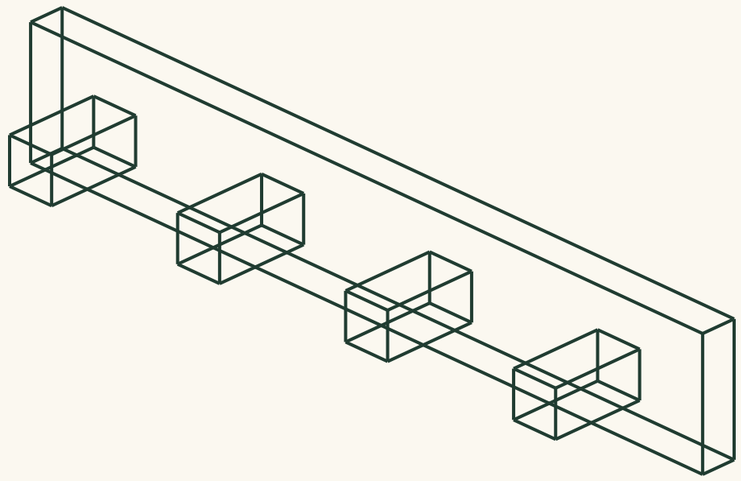
04 / ASSEMBLY STUDIES

STEP 4 / MARK STUD COLUMNS



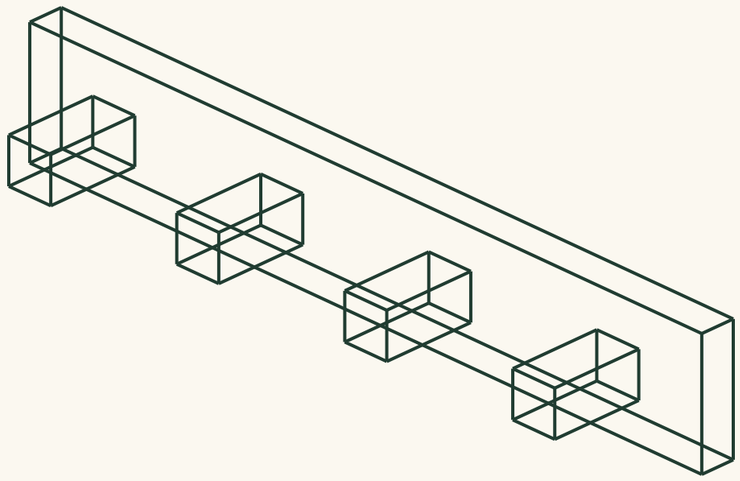
Four mount holes are independent of the bracket screws.

STEP 8 / FIT MATCHED HOLDERS



Use the selected holder templates and guard every tool.

STEP 9 / LOAD INDIVIDUALLY



A hook rating is not a total wall-system rating.

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