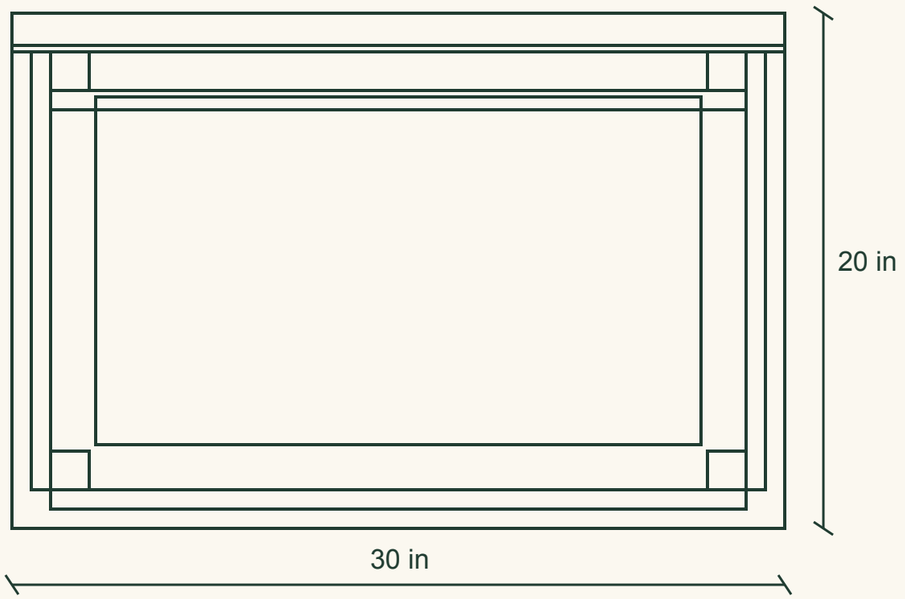
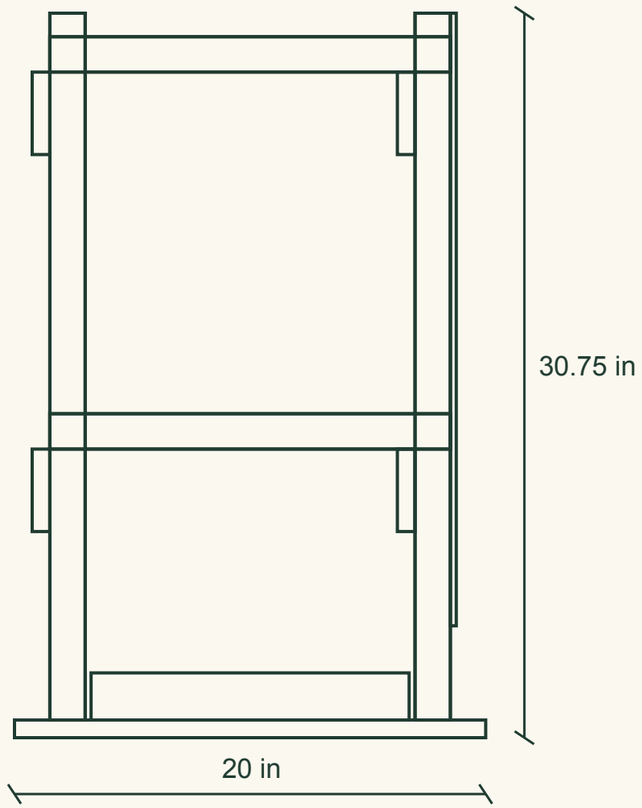
80 Build a Freestanding Long-Tool Stand

01 / MEASURED VIEWS

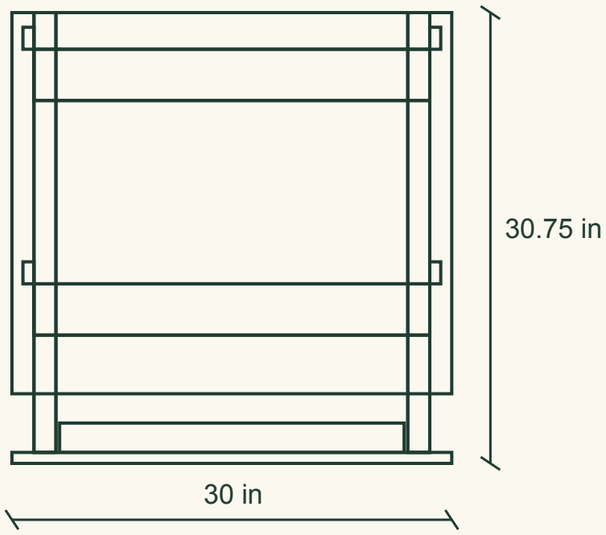
TOP



SIDE



FRONT



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

Measured posts, lapped ties, base and rear brace are shown. The bought tray is an outline; straps, guarded tools and screw heads are omitted. Verify the actual guarded tool set fits and stays stable; the picture supplies no anti-tip rating. Build to written dimensions.

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02 / CUT LIST AND CONNECTION DETAILS

PART	QTY	FINISHED CUT / PURCHASED COMPONENT
B	1	Base panel — 30 × 20 × 0.75 in
P	4	Upright — 30 × 1.5 × 1.5 in
L	4	Cross rail — 27 × 3.5 × 0.75 in
S	4	Depth tie — 17 × 1.5 × 0.75 in
R	1	Rear brace panel — 30 × 26 × 0.25 in
T	1	Removable drip tray — Maximum 23.5 × 13.5 × 2 in including rim

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CONNECTION SCHEDULE

Rail/tie 32 #8 × 1.5 screws through 0.75 in give 0.75-in bite. Base 8 #8 × 2.25 through 0.75 in give 1.5-in bite in post ends. Rear 16 #6 × 1 through 0.25 in give 0.75-in bite in posts; heights avoid rail/tie screws. Total 56 screws. Ties overlap posts 1.5 in at both ends. Steps 4–7 give all locations from explicit base, post or panel references; straps are separators, not restraints.

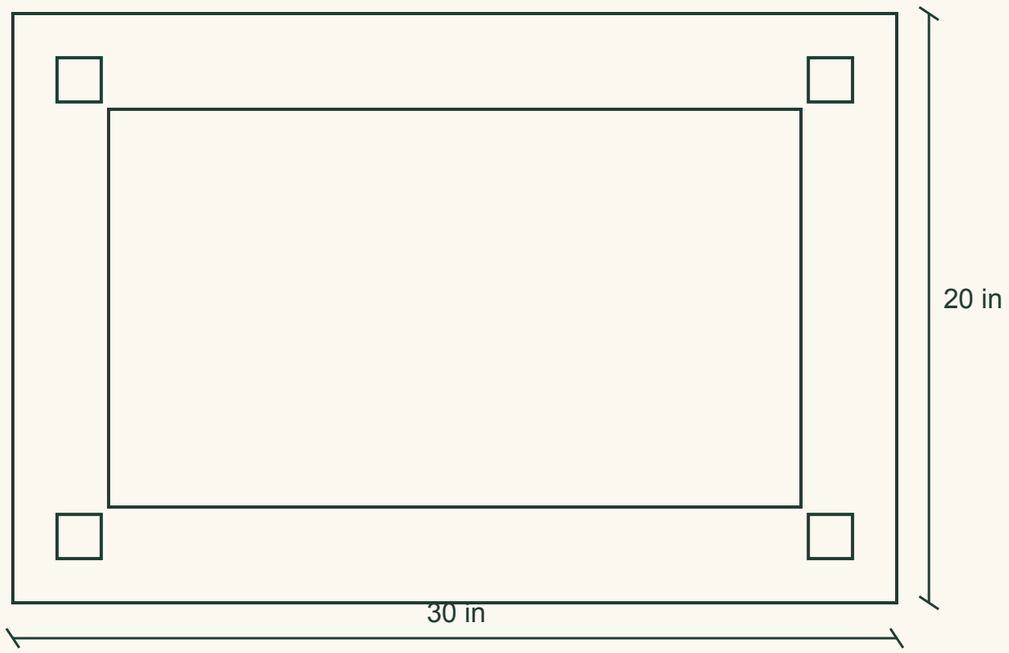
FIT AND LAYOUT CHECK

Base 30 × 20, total height 30.75. Post footprints are explicitly located in step 2.17-in ties span y 1.5–18.5 on outside post faces.24 × 14-in floor bay fits a 23.5 × 13.5-in tray with 0.25 in each side;2-in tray height leaves 6 in under the lower front rail. Back panel touches rear posts, not the inset cross rails.

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

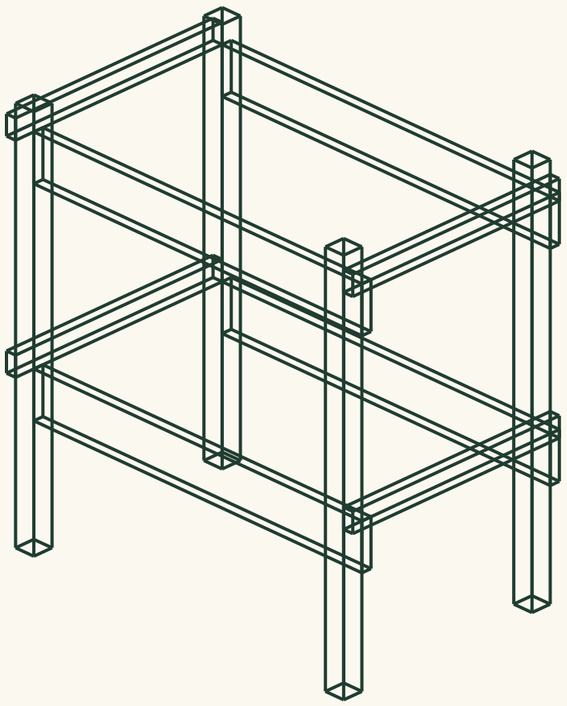


Base 30 × 20 in; post corners(1.5, 1.5),(27, 1.5),(1.5, 17),(27, 17).
Tray maximum 23.5 × 13.5 in fits the 24 × 14 bay with 1/4 inch on each side. Depth ties overlap OUTSIDE post faces for 17 in. Rear panel screws enter rear posts only.

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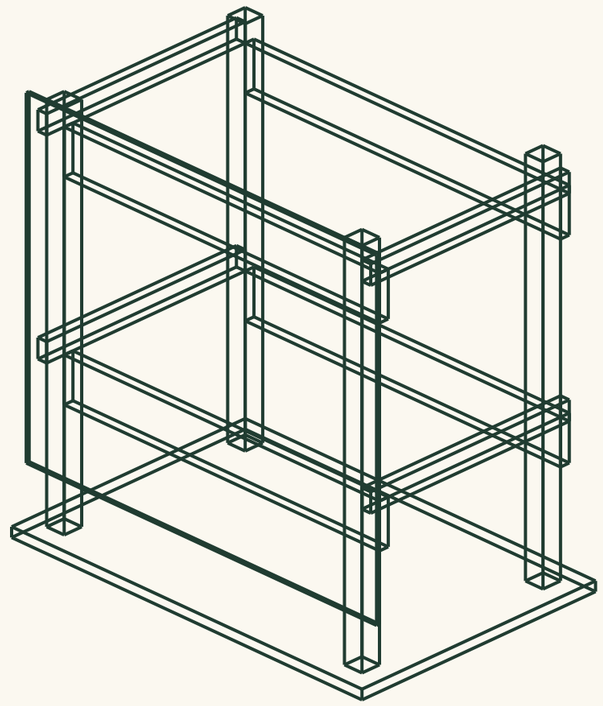
04 / ASSEMBLY STUDIES

STEP 5 / JOIN THE TWO FACES



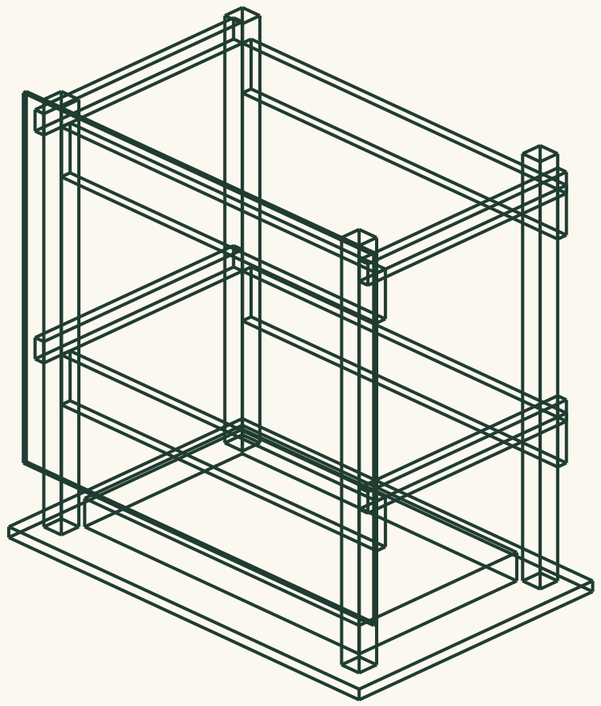
Keep two rail levels parallel and screw paths staggered.

STEP 7 / ADD BASE AND REAR BRACE



Rear brace is required. Unload before moving the stand.

STEP 8 / FIT THE REMOVABLE TRAY



Store heavy guarded heads low and reject unstable tool arrangements.

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