

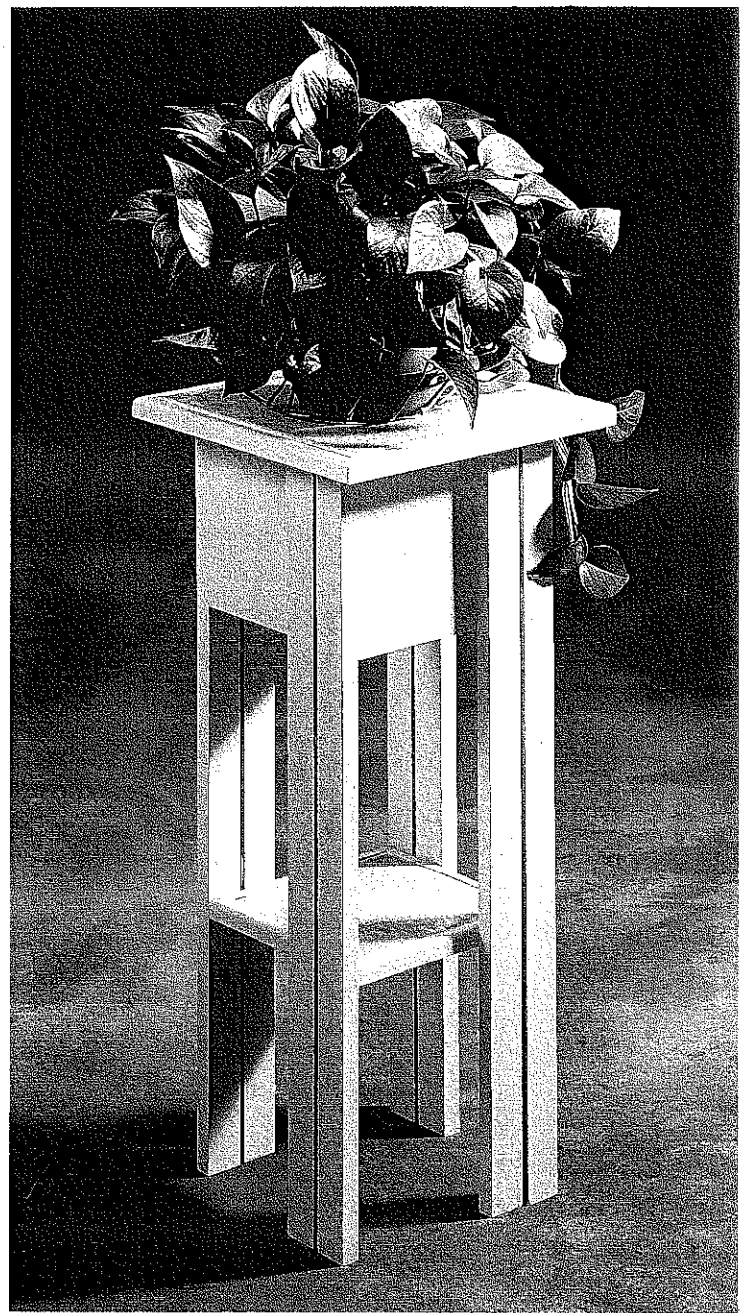
Plant Stand

Our plant stand is a great way to display your favorite potted foliage. Build it for a corner in your sunniest room.

PROJECT POWER TOOLS



This plant stand is a perfect platform on which to set your favorite indoor plants. The simple lines and ceramic tile surfaces help focus the attention on the plants themselves, rather than on the stand. Make no mistake, however—our plant stand has a sleek design that fits nearly any



CONSTRUCTION MATERIALS

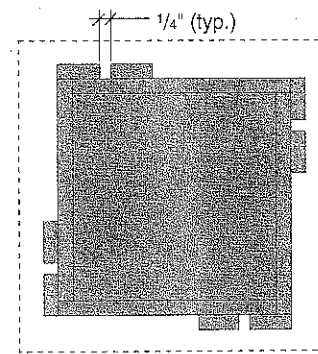
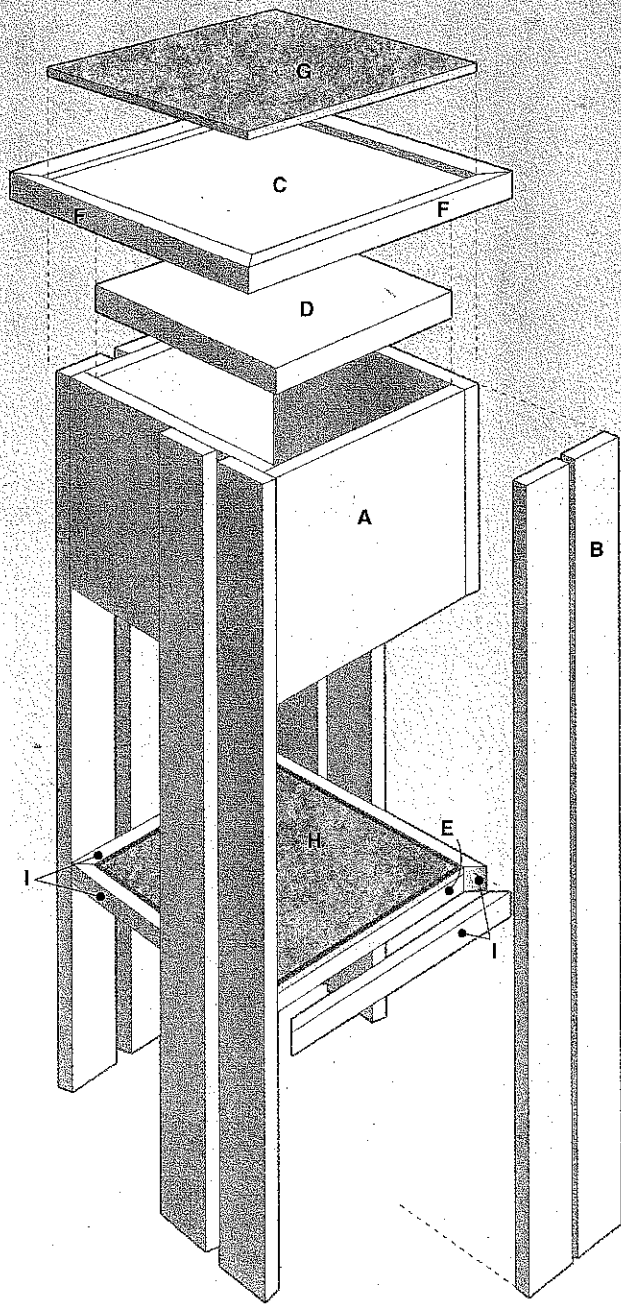
Quantity	Lumber
1	1 × 8" × 4' pine
2	1 × 3" × 10' pine
1	½ × 1" × 8' pine stop molding
1	½" × 2 × 2' plywood

environment or decor. Once you paint it, you can put it almost anywhere to showcase your plants. It's lightweight, so you can move it easily from place to place. But it's strong enough to support heavy pots easily.

The leg assemblies provide a sturdy base, while ceramic tile inserts on the shelf and top give our plant stand some weight

and stability. It's perfect for a corner nook in a sun room or kitchen, and the tile pieces make cleaning up spills an easy task. What's more, the ceramic tile will not fall apart or rot due to moisture and aging. So, you are sure to enjoy this original and practical plant stand for many years.

OVERALL SIZE:
 30 1/2" HIGH
 13 1/4" WIDE
 13 1/4" DEEP



LEG LAYOUT DETAIL

Cutting List

Key	Part	Dimension	Pcs.	Material
A	Box side	3/4 x 7 1/4 x 8"	4	Pine
B	Leg	3/4 x 2 1/2 x 29 1/2"	8	Pine
C	Top tile base	1/2 x 12 1/4 x 12 1/4"	1	Plywood
D	Box top	3/4 x 7 1/4 x 7 1/4"	1	Pine
E	Shelf	1/2 x 7 3/4 x 7 3/4"	1	Plywood

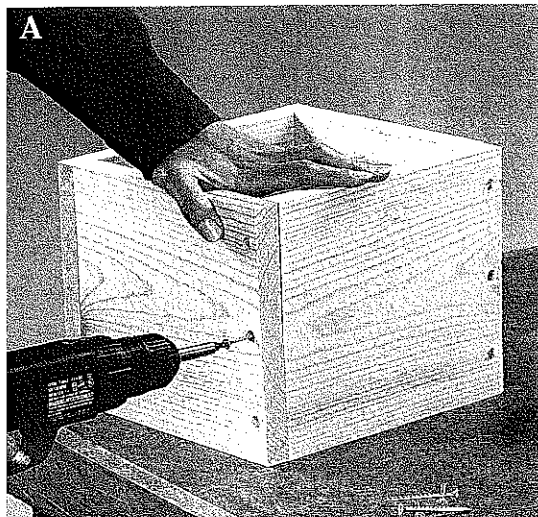
Cutting List

Key	Part	Dimension	Pcs.	Material
F	Top frame	1/2 x 1 x 13 1/4"	4	Molding
G	Top tile	12 x 12"	1	Ceramic
H	Shelf tile	7 1/2 x 7 1/2"	1	Ceramic
I	Shelf frame	1/2 x 1 x 8 3/4"	4	Molding

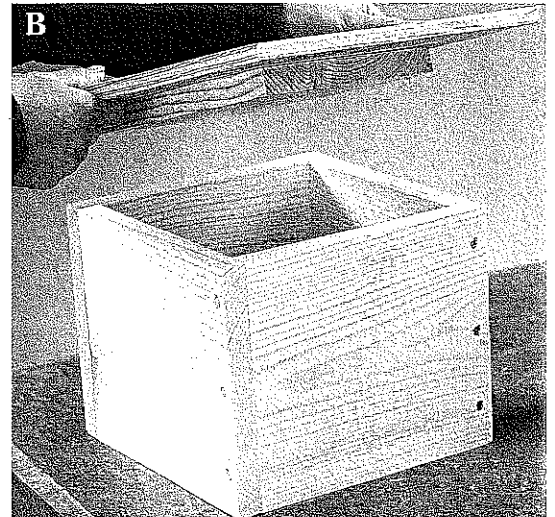
Materials: 1", 1 1/4" and 1 1/2" deck screws, 3d and 4d finish nails, wood glue, finishing materials, ceramic tile, ceramic tile adhesive, tinted grout.

Specialty tools: V-notch adhesive trowel, grout float.

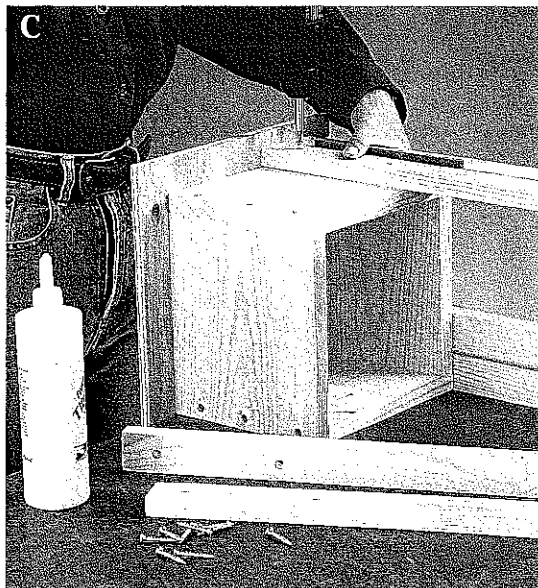
Note: Measurements reflect the actual size of dimension lumber.



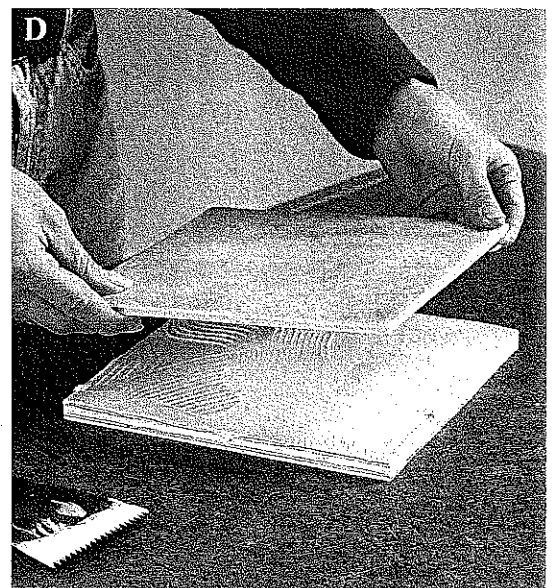
A
Assemble the box using simple butt joints.



B
Place the top tile base and box top onto the box, and fasten them with screws.



C
Attach the leg pairs with glue and screws, obscuring the visible joints on the box.



D
Spread an even layer of adhesive over the shelf, and attach the tile.

Directions: Plant Stand

BUILD THE BOX.

Tile size varies from piece to piece, so measure your tile before cutting the top tile base (C). Allow a $\frac{1}{8}$ " gap for the

grout joint between the tile and the top frame.

1. Cut the box sides (A), top tile base (C) and box top (D) to size. Sand with 150-grit sandpaper.

2. Fasten the sides with simple butt joints, which will be obscured by the legs. Drill $\frac{3}{8}$ " pilot holes. Counterbore the holes $\frac{1}{8}$ " deep, using a $\frac{3}{8}$ " counterbore bit. Use glue and $1\frac{1}{2}$ " deck screws to attach the sides together, making sure the edges

are flush (**photo A**).

3. Center the box top on the bottom face of the top tile base. Fasten the pieces by driving 1" deck screws through the top tile base and into the box top.

4. Place the top tile base and box top onto the box (**photo B**). Drill counterbored pilot holes through the box sides and into the box top. Attach the box top with $1\frac{1}{2}$ " deck screws.

TIP

Ceramic tile is sold in both floor and wall styles. Floor tile is generally stronger and more scratch resistant.

ATTACH THE LEGS.

1. Cut the legs (B) to length.
2. Drill countersunk pilot holes through the legs and into the box sides. Fasten the legs to the sides with glue and 1 1/4" deck screws. Each outside leg is flush with the side edge and each leg pair has a 1/4"-wide space between the pieces (**photo C**).

ATTACH THE SHELF

1. Cut the shelf (E) to size.
2. Miter-cut the shelf frame (I) pieces to length.
3. Attach the shelf tile (H) to the shelf with tile adhesive (**photo D**). Spread the adhesive on the shelf, using a V-notch trowel. Press the tile into place, centered on the

shelf, and allow to dry.

4. Fasten the shelf frame to the shelf with 3d finish nails. Align the top frame edges flush with the top face of the tile.
5. Attach the shelf to the legs by driving 4d finish nails through the legs and into the frame and shelf (**photo E**). The lower edge of the shelf should be 10" from the legs' bottom edges.

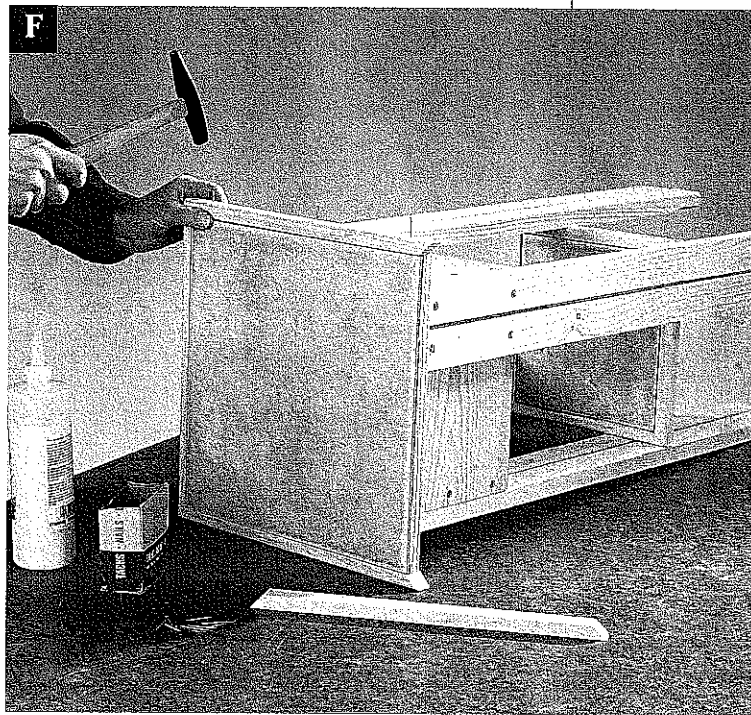
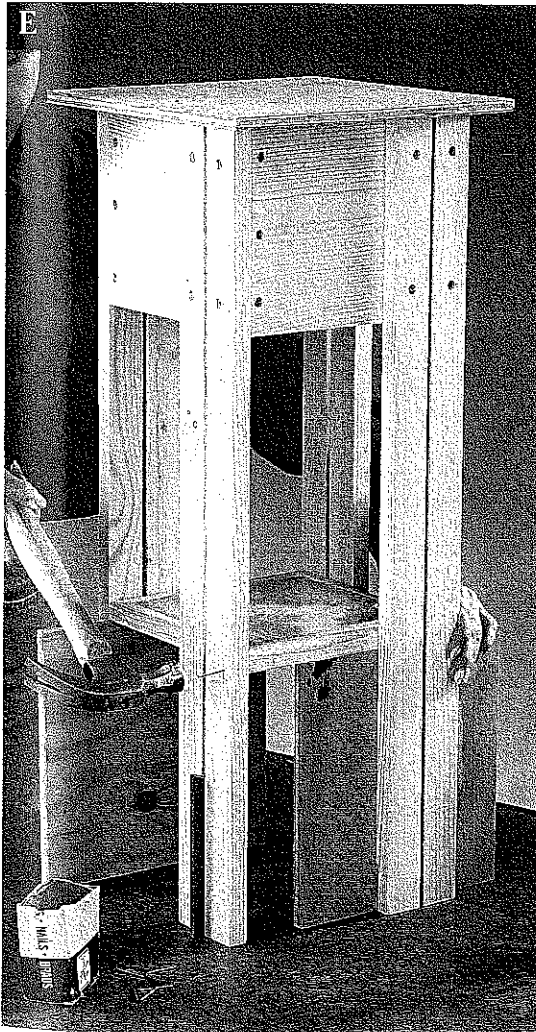
ATTACH THE TOP TILE.

1. Miter-cut the top frame (F) pieces to length.
2. Attach the top tile (G) to the top tile base with adhesive. Nail the top frame in place against the top tile base, keeping the top edges flush with the tile face

(**photo F**). When driving the nails, be sure they line up with the top tile base, not the tile.

APPLY FINISHING TOUCHES.

1. Set all nails with a nail set, fill nail and screw holes with wood putty, and finish-sand all surfaces.
2. Prime and paint the plant stand. Coat it with two coats of satin-gloss polyurethane finish and allow to dry.
3. Mask the frame pieces with masking tape. Fill the gaps between the tiles and frames with tinted grout. Use a small grout float to pack the grout into the gaps. Smooth the joints with a damp sponge to remove excess grout.



(left) Use pieces of scrap wood as spacers, and attach the shelf with 4d finish nails.
(above) Install the top frame around the top tile base, using a lightweight tack hammer and 3d finish nails.