

Off the Rack

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- Suggested story concept
- Edited diagrams
- Wrote story and instructions



This easy-build plate shelf provides an artful way to display oversize platters and trays – and reduce the clutter in your kitchen cabinets. The antiqued cream finish suits almost any kitchen, but you can paint or varnish the shelf any way you like.

Plate Shelf

SUPPLIES

Pine as follows:

9-ft length 1x1*

9-ft length 1x2*

6-ft length 1x3*

1½-in finishing nails

¼-in eye hook

3 screws for installation (appropriate to type of wall)

Carpenter's glue

Wood filler and putty knife

Sandpaper of various grades, fine steel wool and tack cloth

Saw and coping saw, jigsaw or scroll saw

Hammer, nail set, clamps and drill and ⅛-in bit

Horizontal level

Pencil, measuring tape and carpenter's square

Brown paper

Spray lacquer in cream or desired colour

Furniture wax and clean rags

**Nominal sizes; actual dimensions will be somewhat smaller.*

INSTRUCTIONS

NOTES:

- Refer to diagrams throughout.
- Before proceeding to next step, let glue, wood filler, lacquer and wax dry, following manufacturer's instructions.

1 Enlarge patterns by squaring method as follows: On brown paper, draw grid of horizontal and vertical lines 2.5 cm (1 in) apart. Each square on diagram equals a square on your paper. Enlarge pattern by redrawing each line in the corresponding square. Cut out.

2 Measure actual thickness of 1x3 pine; multiply measurement by 2, then add 32 in to determine total rail length. From 1x1, cut 3 rails, each having total length.

3 From 1x2, cut 3 shelves, each 32 in long.

4 From 1x3, cut 2 sides, each 32 in long.

Using pattern for each, trace top and bottom curve onto front edge of each side; with coping saw, cut out. Drill hole

from front to back through each top curve as shown on Diagram I. On each back edge, mark shelf positions as shown on Diagram I, then, using carpenter's square, mark position on inside of each side.

5 Lay sides, back edges down, on flat work surface. One rail at a time, apply glue to back edge from each end to ¾ in along; position against front edge of each side as shown on Diagram II, check that rail is perpendicular to side, then nail in place. Check that entire assembly is square (diagonal measurements should be equal) and clamp; let dry.

6 Stand assembly upright. One shelf at a time, apply glue along each end;

position between sides, check that shelf is perpendicular to sides, then nail in place. Let dry.

7 With nail set, countersink nails; with putty knife, smooth filler over holes. Let dry.

8 Sand smooth. Lightly spray shelf all over with lacquer; let dry. Smooth with steel wool, exposing wood grain as desired; rub down with tack cloth. With rag, apply wax; let dry, then polish.

9 Screw eye hook into midpoint of bottom shelf as shown on Diagram I. At each top corner, screw levelled shelf to wall, then screw through eye hook to anchor bottom. ●

PATTERNS

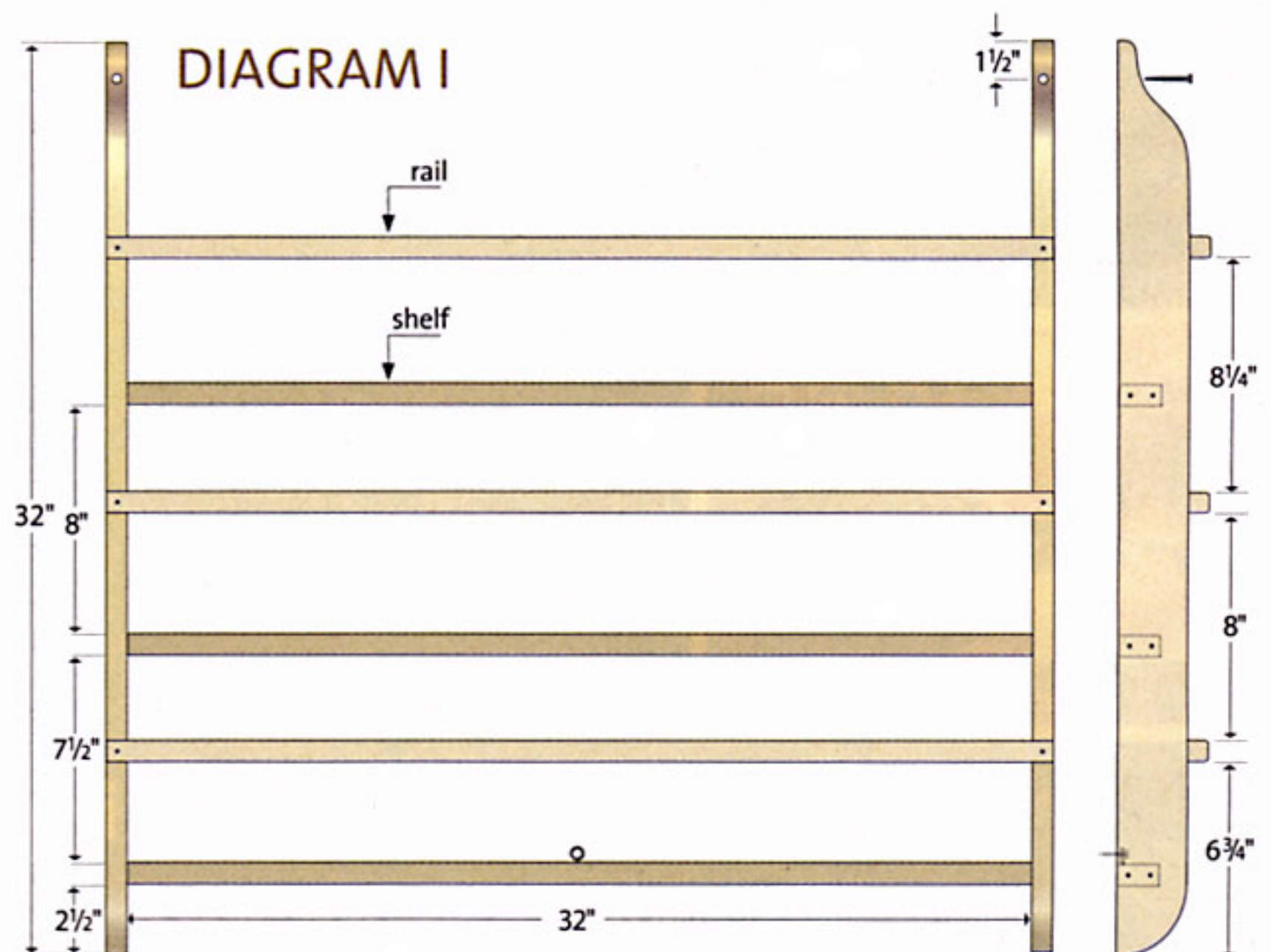
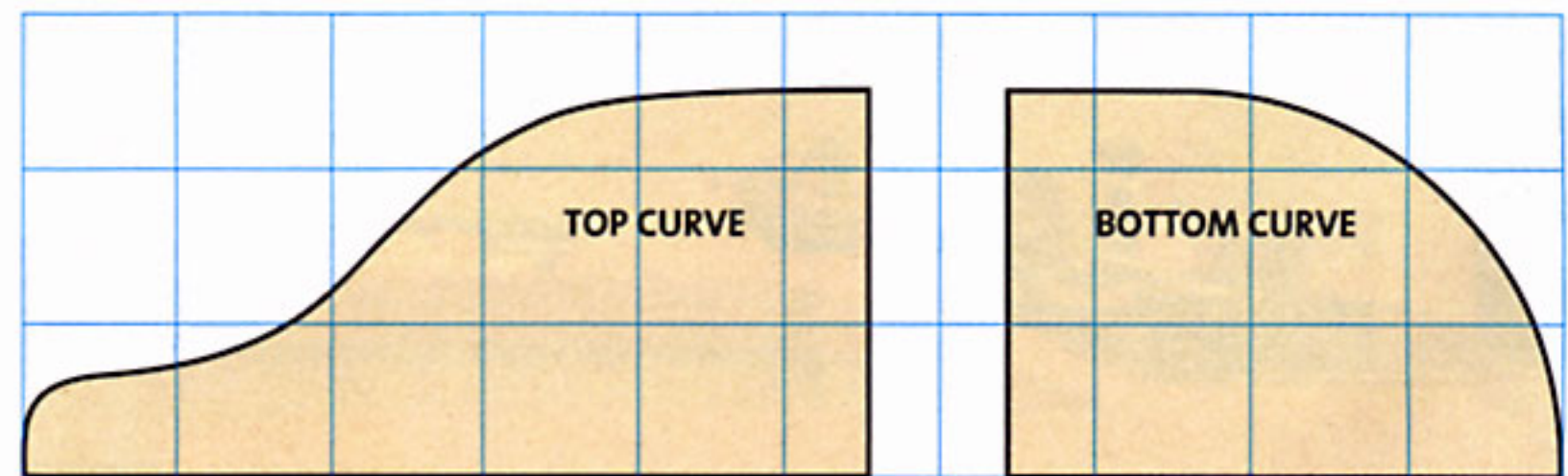


DIAGRAM II