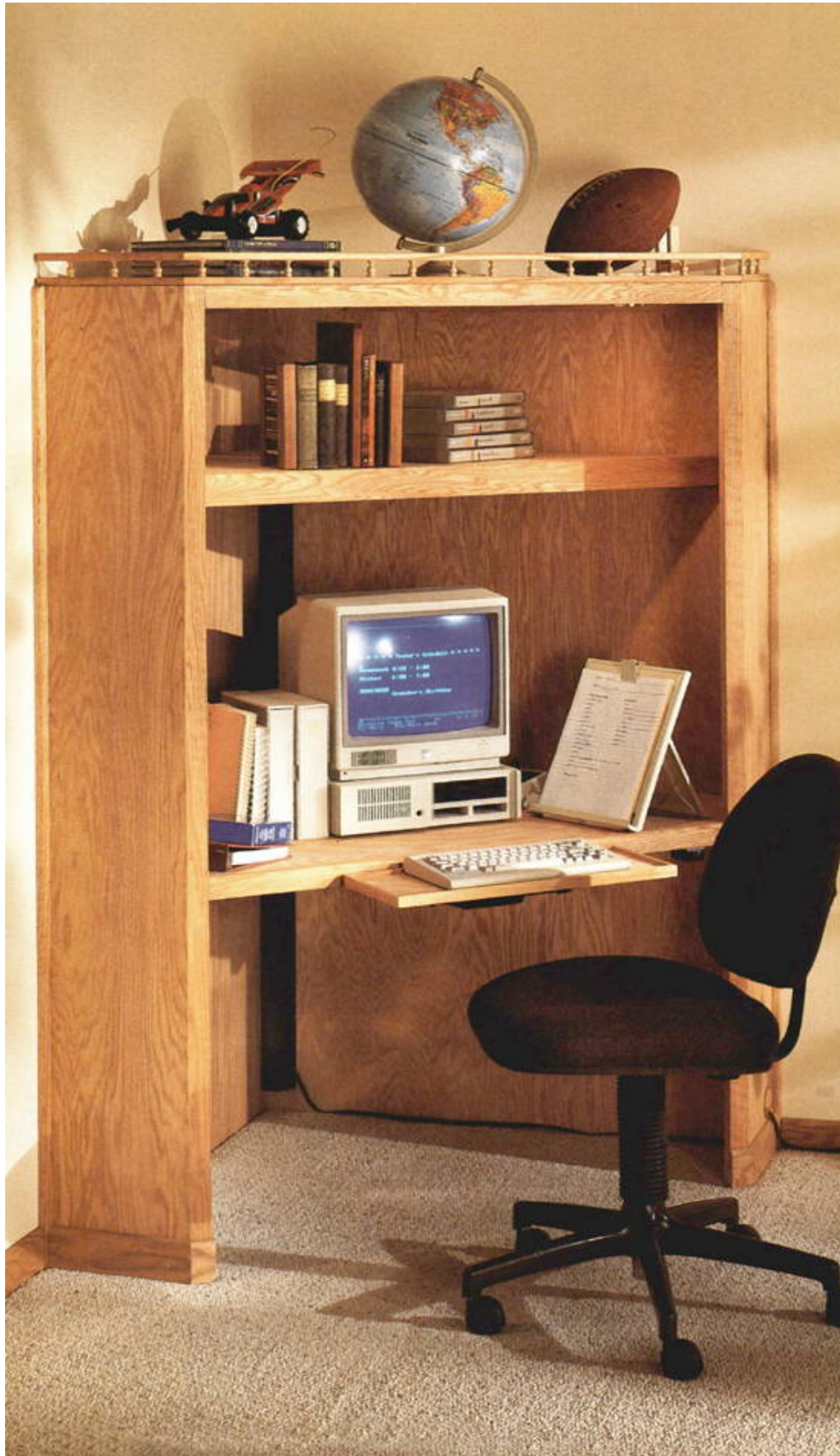
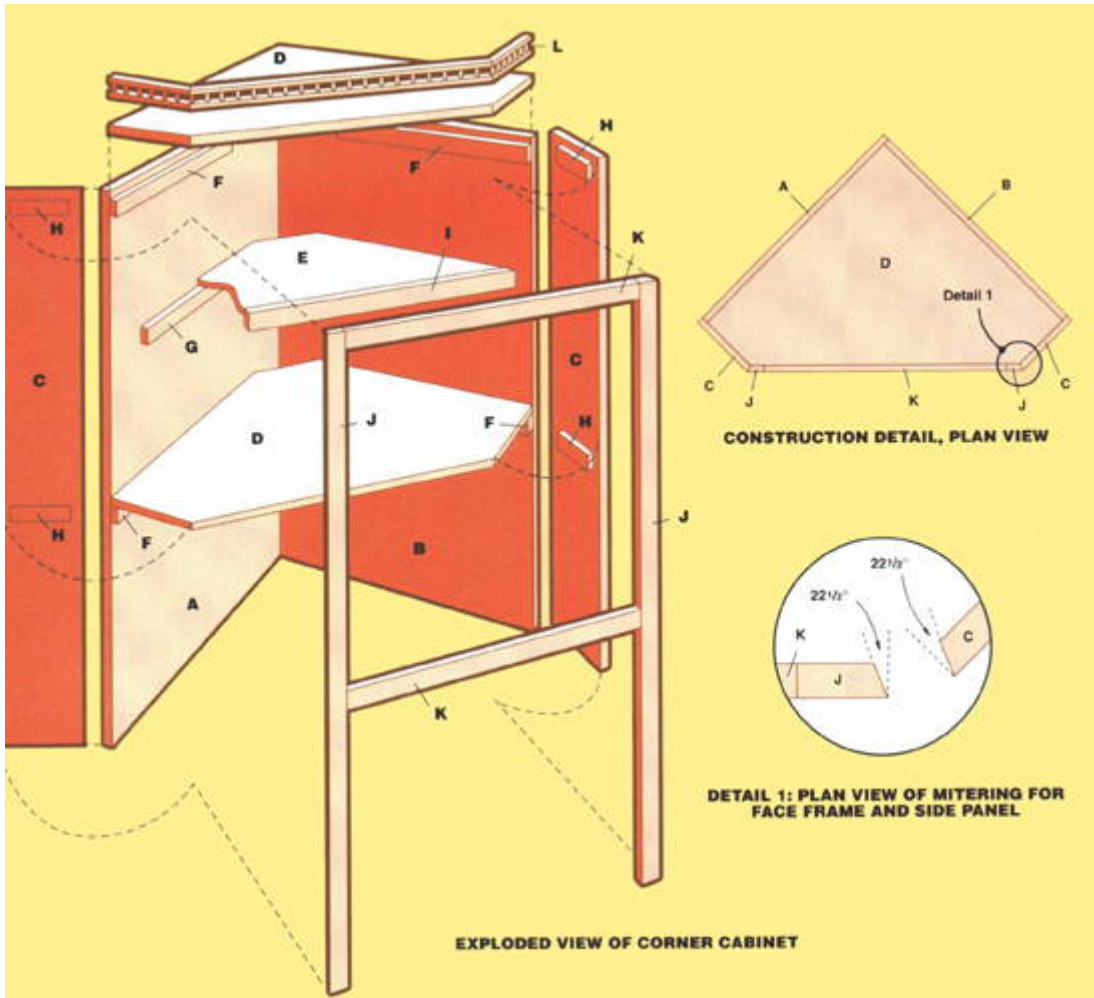
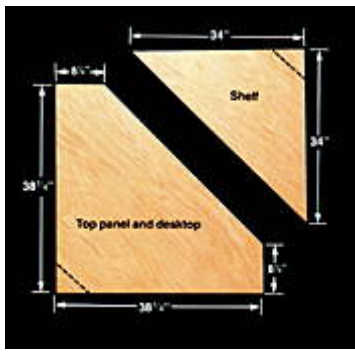


34 CORNER CABINET

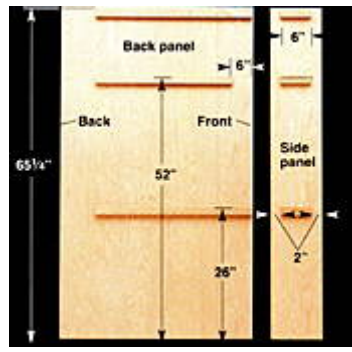




Key	Part	Material	Pieces	Size
A	Left back panel	3/4" oak plywood	1	39" \times 66"
B	Right back panel	3/4" oak plywood	1	38 1/4" \times 66"
C	Side panels	3/4" oak plywood	2	10" \times 66"
D	Desktop and top panel	3/4" oak plywood	2	38 1/4" \times 38 1/4"
E	Shelf	3/4" oak plywood	1	34" \times 34"
F	Cleats for desktop, top panel	1 \times 2	4	31"
G	Cleats for shelf	1 \times 2	2	27"
H	Cleats on side panels	1 \times 2	4	6"
I	Shelf edging	1 \times 2	1	51 1/2"
J	Face frame stiles	1 \times 2	2	66"
K	Face frame rails	1 \times 2	2	37 1/2"
L	Decorative top trim	spindle rail	5 linear ft.	



Desktop, top panel, and shelf are made from 3/4" finish-grade plywood. Use a circular saw and a straightedge guide to cut the pieces to the dimensions shown. If you plan to use the cabinet as a computer work center or an entertainment center, cut off the back corners of the desktop and shelf (but not the top panel) to provide ventilation and space for routing electrical cords.



Back panel and side panels have 1 x 2 hardwood cleats to hold the desktop, shelf, and top panel. Attach them to the panels with glue and 1 1/2" screws driven into counterbored pilot holes. Position cleats according to dimensions shown. **NOTE:** If you wish to make the shelf the same size as the desktop, add shelf cleats to the side panels (dotted line).



1. Measure and cut back panels (left panel overlaps right panel, so it is 3/4" wider than right panel). Cut and attach 1 x 2 cleats. Drill counterbored pilot holes in cleats, then attach cleats with glue and 1 1/4" screws.



2. Clamp right back panel (38 1/4" wide) to your workbench, then apply glue to back edge. Butt left panel (39") against glued edge, and hold in place with clamps. Join back panels by drilling pilot holes and driving 2" screws through butt joint.



3. Attach a plastic wire organizer to one back panel edge, next to the corner joint, using 1" wire nails. (Skip



4. Measure and cut the desktop, then apply glue to the tops of the desktop cleats mounted on the back panels. Set the desktop on the cleats, then attach ~~141~~

this step if you do not plan to store electronic equipment in the corner cabinet.)

drilling pilot holes and driving 1 1/4" finish nails every 8".



6. Set a table saw blade to 22 1/2° blade angle, then cut 10"-wide, 66"-long side panels, beveling the front edge of each panel.

5. Measure and cut shelf, then install on shelf cleats with glue and 1 1/4" finish nails. Measure and cut a 1 x 2 hardwood shelf edge with 45° mitered corners to fit flush with top of shelf. Attach with 2" finish nails driven through pilot holes.



7. Attach 6" cleats to side panels using glue and 1 1/4" finish nails, then attach side panels to back panels with glue and 1 1/2" screws driven into counterbored pilot holes. Cut top panel and attach to cleats with 1 1/4" finish nails.

8. With table saw blade set to 22 1/2°, cut 1 x 2 face frame stiles (as in step 6). Apply glue to the outside edge of each side panel, then attach stiles to side panels using 2" finish nails driven through pilot holes at 8" intervals.



9. Measure and cut 1 × 2 face frame rails. Attach them to edges of desktop and top panel, so upper edges of rails are flush with the surfaces of the shelf and top, using glue and 2" finish nails driven through pilot holes.



10. Measure and cut decorative trim to match the angle of the face frame stiles and side panels, then attach the trim to the outside edges at the top of the cabinet, using finish nails.



11. With a helper, move cabinet into corner, flush against the walls.



12. Shim below the side panels, if necessary, to bring the cabinet to level.



13. Drill pilot holes, then toenail the cabinet to the floor at shim locations, using 2" finish nails. Score the shims with a utility knife, then break off the excess shim



14. Attach the cabinet to the wall with 3" screws driven through the back panels and into wall studs. Drive screws just behind or below shelf cleats to keep them out of sight.

material.



16. Sand and finish cabinet then remove plastic. If cabinet will contain electronic equipment, use a hole saw or forstner bit to cut a hole for an outlet strip cord in side panel, then feed cord through hole and install a grommet.

15. Measure and cut base shoe molding to cover the gap between the cabinet and the walls and floor, using 1 1/2" finish nails. **TIP:** To protect wall from oil or paint, insert plastic between molding and wall as you attach the molding.



17. Install any other hardware and computer desk accessories, like a retractable keyboard slide, that you need to complete your project.