

MISSIONS BLUEPRINTS

Build Church Pews, Part 3

By M.B. Howard

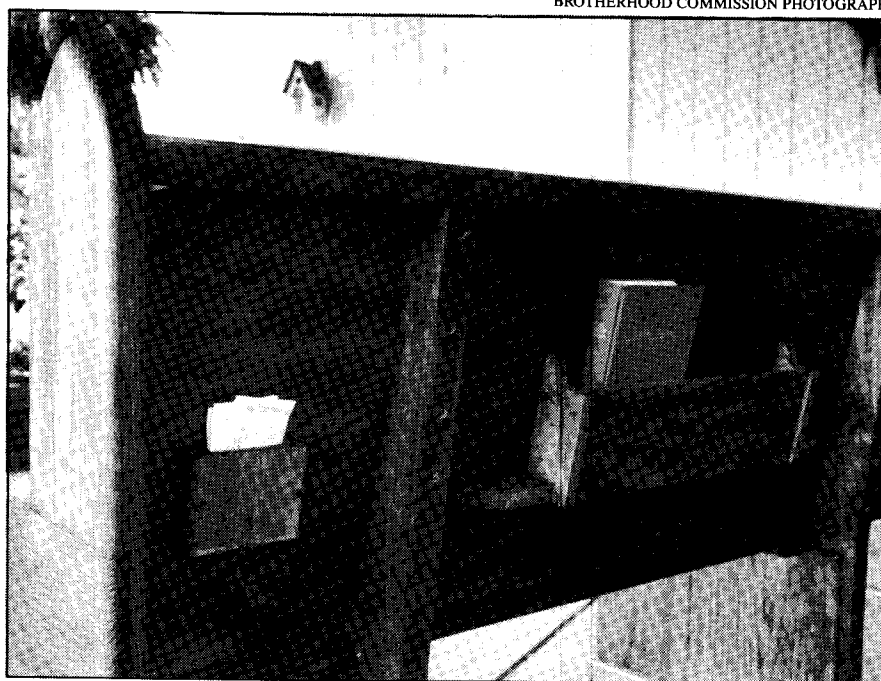
BROTHERHOOD COMMISSION PHOTOGRAPH

With this blueprint you will have the complete three-part plans for building church pews.

Have the previous plans nearby as these final assembly directions will refer back to them.

Tools and Materials Required

4-foot 2 x 12 white pine #2
 6-foot 2 x 8 white pine #2
 4 pieces 2 x 10 white pine #2 cut to length of pews (to be used for parts N, O, P and Q).
 14-foot 1 x 6 white pine #2
 10-foot 2 x 4 white pine #2
 2 8-foot 2 x 4 white pine #2
 10-foot 2 x 6 white pine #2
 1 sheet of 1/2-inch white pine plywood (good on one side)
 Skil saw, table saw or radial arm saw
 Band saw
 Drill press
 1/2-inch wood bit
 3/16-inch wood bit, 6 inches long
 3/8-inch wood bit
 1-inch wood bit
 Wood vise
 Electric drill
 Electric screwdriver with Phillips bit and extension
 Router
 1/2-inch round router bit
 15 #7 x 2 1/2-inch drywall screws
 12 #7 x 1 1/2-inch drywall screws
 1 pound 1 1/2-inch finish nails
 Wood glue
 Belt sander
 Stain
 Polyurethane
 Sandpaper



Steel wool
 Wood putty
 Nail set
 2 chair rail braces for each pew
 (Note: The sheet of plywood will make seven legs and the backs for eight hymn racks.)

Steps

1. Measure to the exact length of the pews parts N, O, P and Q from the four 2 x 10s. Be sure the 2 x 10s are square and the same length. Lay part Q aside. Rip one edge of parts O and P 10 degrees. Use the 1/2-inch router blade to round one edge of part N, both top and bottom. Round back from the end

along the side 1/2 inches on either side. Cut part R from 2 x 4 to match exact length of parts N, O, P and Q, making sure the ends are square. Round the two top edges of Part R with 1/2-inch router bit. Sand and stain these parts.

2. To assemble the seat, lay legs backwards on the floor. Mark off the distances of each leg's center line from the ends. Throughout this step, make sure that the parts are square. Use 1/2-inch drywall screws to secure part O into position first, then part N. If there is a small bow in these boards use a clamp to draw them together before securing with screws.

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