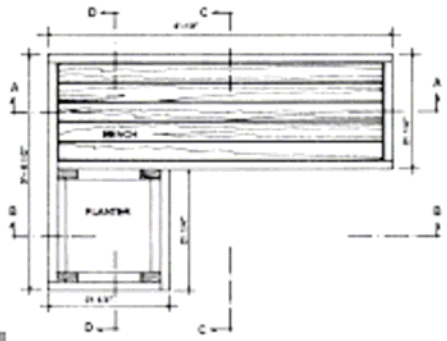
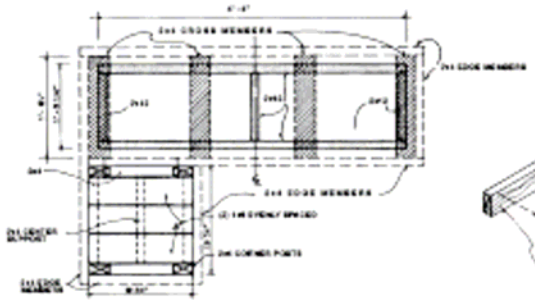
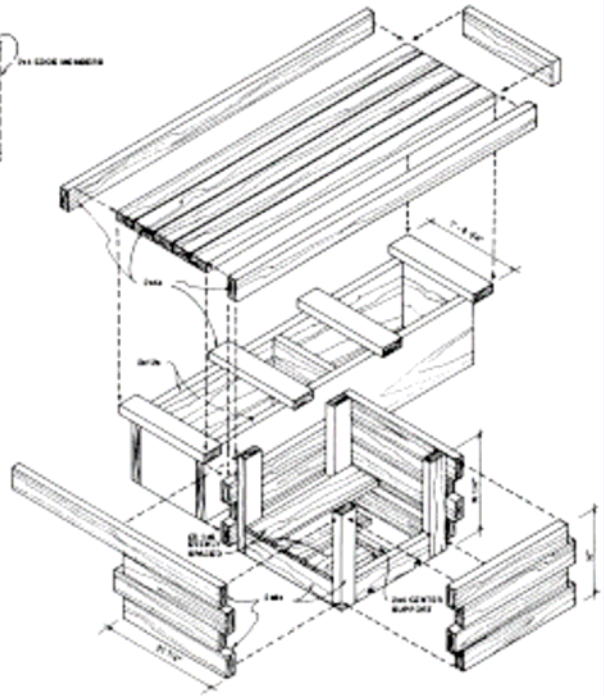
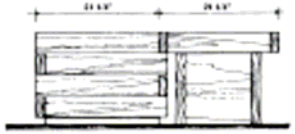
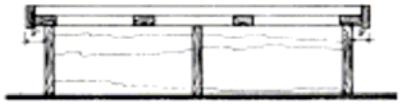
PLANTER BENCH

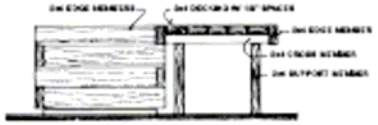


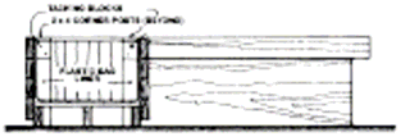


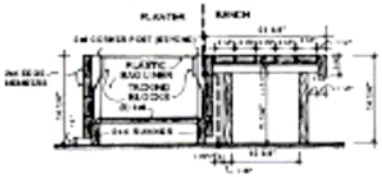


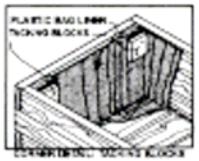












Southern Pine By Design
www.southernpine.com

Outdoor seasons in your deck or patio can be both comfortable and useful. A planter bench can function as both a seat and table indoor. And for building a sturdy, long-lasting piece of outdoor furniture, pressure-treated Southern Pine lumber is the perfect choice.

This plan will guide you through the construction process, step by step. When your project is complete, add your choice of plants and ornaments, have a seat, and enjoy your new addition to better outdoor living.

MATERIALS LIST

To build this planter bench, you will need the following quantities of CCA pressure-treated Southern Pine lumber:

NUMBER OF PIECES	NOMINAL	LENGTH	DESCRIPTION (INCLUDE DIMENSIONS, LENGTHS)
1	2x12	12'	4/S
1	2x4	12'	4/S
1	2x4	8'	4/S
1	2x4	10'	4/S
1	2x4	12'	4/S
1	2x4	4'	4/S

OTHER MATERIALS NEEDED

- 6d, 8d, 10d hot-dipped galvanized or stainless steel nails
- Construction adhesive for pressure-treated lumber
- 2 boxes clear plastic garbage bags 30- or 33-gallon size, for planter liners
- Water-repellent sealer

TOOLS REQUIRED

- Circular or miter saw
- Hammer
- Square
- Carpenter's pencil or scribe

CONSTRUCTION STEPS

Cutting:

1. From the 12' 2x12, you:
   1 piece 6'-6" long + 2 pieces 12'-0" long
2. From the 12' 2x4, you:
   4 pieces 34½" long + 2 Pieces 12'-0" long + 2 pieces 34½" long
3. From the 8' 2x4, you:
   1 piece 19½" long
4. From your 10' 2x4, you:
   1 piece 4'-11" long + 2 pieces 21½" long
5. From the other 10' 2x4s, you:
   4 pieces 4'-7" long
6. From your 12' 2x4, you:
   1 piece 4'-3½" long + 4 pieces 21½" long
7. From the second 12' 2x4, you:
   1 piece 3'-3½" long + 4 pieces 21½" long
8. From the third 12' 2x4, you:
   1 piece 4'-7" long + 4 pieces 21½" long
9. From the 4' 2x4, you:
   2 pieces 19½" long

Assembly

1. Using 10d nails and construction adhesive, assemble bench frame with the 2x12 pieces. Join one 12'-0" piece flush with each end of the 6'-6" member. Attach 12'-0" member on top, parallel to plan. Check to be sure frame is square.
2. Assemble bench seating deck. Attach four 2x4 construction 1'-4½" long to 2x12 frame using 8d nails and construction adhesive. Now from the plan have the two end seat members, measuring 19½", the other two seat members are exactly parallel between them.
3. Finish space the four 2x4 seating members, each 4'-7" long, and attach to seat members using construction adhesive and 10d nails. Each of the seating should be flush with the two end seat members. Refer to plan.
4. Using 8d nails and construction adhesive, attach the two 2x4 edge members, 1'-4½" and 4'-11" long, to the perimeter of the seating deck.
5. Build the planter box frame using 8d nails and construction adhesive. Connect the top frame members to the two 2x4s 12'-0" long as shown in the plan. Join these to the 10'-0" 2x4 corner posts.
6. Attach the corner posts, 34½" long, to 2x4 runners, 10'-0" long, as shown in the plan. Check to be sure frame is square.
7. Complete planter frame assembly by nailing these 2x4s, 19½" long, to the runners and corner posts using 8d nails.
8. Now the stage of 21½" 2x4 edge members, around the perimeter of the planter. Space 3/4" above the bottom of the frame and attach first 2x4 using 8d nails and construction adhesive. Refer to plan.
9. Attach three more layers of 2x4 edge members around the planter frame, interlocking pieces as shown in plan.
10. Join planter box nail brackets into blocks with the two 2x4 edge members, 4'-6" and 1'-3½". Attach these to planter box frame using 8d nails and construction adhesive. Place completed planter box into place and join edge members to 2x4 corner posts of bench.
11. Fabricate a liner for the planter box by doubling bagging the two liners, then gathering bags. Roll down the top edge of liner to form a collar of small diameter. From the bottom left to overall, use 4 tacking blocks, each about 20" long. Locate the tacks inside the planter, with the top collar about 1" below the rim. Nail the tacking blocks through the liner into the corner posts using 8d nails. Pressure-treated lumber is best with the grain lengthwise, so the 2x4 runners may be used to prevent the passage of moisture.
12. Apply two coats of clear sealer to all exposed wood surfaces now that construction is complete. Repeat the process of seasonal touch-up coats.

These plans are based on information considered reliable at the time of publication. However, Southern Pine Lumber Company, Southern Forest Products Association, and Southeastern Lumber Manufacturers Association do not assume responsibility for the accuracy of the information or for the results obtained by persons using the information. Nor do they assume responsibility for any injuries or damages arising from the use of the information. Nor do they assume responsibility for any infringement of patents or other rights of others by persons using the information.

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Planter Bench

Project Plan #661 Sheet 1 of 1

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