

# Spring Beauty

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## MATERIALS

### Rough Cut Size

2" x 8" x 30' pressure-treated lumber  
 4" x 4" x 150' pressure-treated lumber  
 2" x 4" x 24' pressure-treated lumber  
 1" x 2" x 3' pressure-treated lumber  
 2' x 4' x 5/8" chipboard  
 1 pair — "outdoor" hinges  
 100 — 6" galvanized spiral nails  
 200 — 3 1/2" galvanized spiral nails  
 100 — 2" galvanized spiral nails

**Note:** 2 x 8 stock actually measures 1 1/2" x 7 1/4"; 4 x 4 stock measures 3 1/2" x 3 1/2". Finished cut sizes and illustration dimensions will need to be altered if your stock is of different nominal size.

### Finished Cut Size (Number in brackets is number of pieces needed)

#### Base Parts

(2) 7 1/4" x 60" x 1 1/2" — A  
 (3) 7 1/4" x 29 1/2" x 1 1/2" — B  
 (1) 7 1/4" x 20 3/4" x 1 1/2" — C  
 (1) 7 1/4" x 60 1/2" x 1 1/2" — D  
 (1) 7 1/4" x 24 3/4" x 1 1/2" — E  
 (8) 12" x 12" x 5/8" chipboard — F

#### Planter Parts (All 4 x 4s. Actual measurement: 3 1/2" x 3 1/2")

(2) 3 1/2" x 3 1/2" x 68" — G  
 (2) 3 1/2" x 3 1/2" x 68" — H  
 (2) 3 1/2" x 3 1/2" x 54" — J  
 (4) 3 1/2" x 3 1/2" x 54" — K  
 (8) 3 1/2" x 3 1/2" x 49 1/2" — L  
 (4) 3 1/2" x 3 1/2" x 17 1/2" — M  
 (18) 3 1/2" x 3 1/2" x 23" — N

(4) 3 1/2" x 3 1/2" x 21 1/2" — P  
 (2) 3 1/2" x 3 1/2" x 33" — Q

#### Bench Parts

(3) 3 1/2" x 36" x 1 1/2" — R  
 (2) 2 1/2" x 12 3/4" x 1 1/2" — S  
 (1) 2 1/2" x 39" x 1 1/2" — T  
 (3) 1 1/2" x 11" x 3/4" — U

## INSTRUCTIONS

### Cutting

1. Cut the eight pieces (A to E) from 2 x 8 stock, (Fig. 1). All cuts are 45°.

2. Cut parts F to shape. Lay out the base frame (parts A to E) so that the bottom side

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faces upward. Nail parts F to each corner with 2" nails. Flip the base right side up as shown in Fig. 1.

3. Cut and notch parts G to Q, (Fig. 3).

4. The planter consists of 4 x 4s set in six layers around the perimeter. Begin at the bottom. Assemble the second, third, fifth, and sixth "layers" using the same number and type of parts for each row. The first and fourth layers continue through the inside of the planter. These act as cross-members for added strength.

Fig. 2 shows a top view of the base with the first layer in place. Notch the six "outside" corners 4" wide so that the very end of each piece extends  $\frac{1}{2}$ " beyond the corner. Chamfer each piece *before* assembly and only where required, (Fig. 4). Chamfer the ends of all 4"-wide end notches; then chamfer the outside top and bottom corners

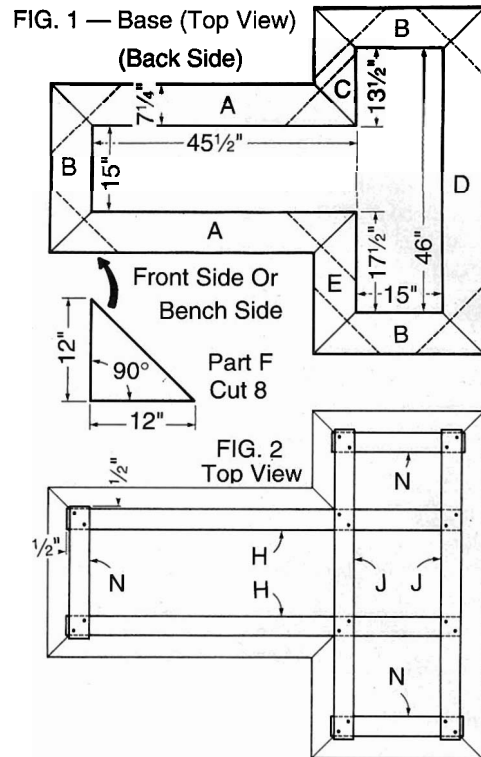
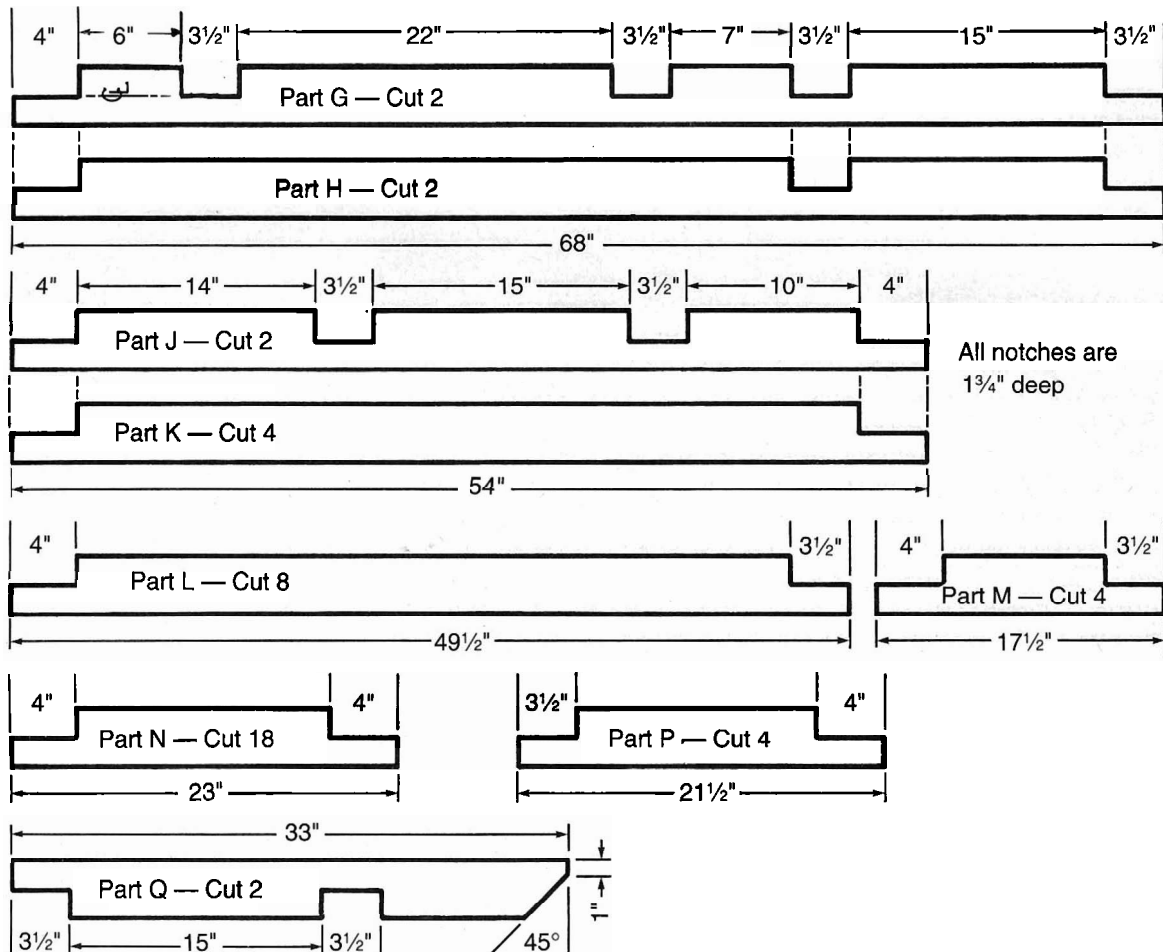


FIG. 3 — Planter Parts G to Q (All  $3\frac{1}{2}$ " x  $3\frac{1}{2}$ " stock)



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of each piece. Be sure to stop the chamfer where a notch begins. (See the bottom edge of part N.) No chamfering is required on the first layer's bottom edges.

## Assembly

1. To attach the planter to its base, dry-fit the first layer together, (Fig. 2). Be sure that all chamfering is completed where required; then nail together the two parts H, two parts J, and three parts N. Use two 3½" nails at each joint. This forms the first row of 4 x 4s. Flip this layer over; then flip the base so it fits onto this first layer. Nail the base to the underside of the first layer with 3½" nails. Flip the assembled unit right side up. Its top view should appear as it does in Fig. 2.

2. Once your base with first layer attached is complete, dig a hole in the ground to accept the base. Set the unit in place and level it. The top of the base should be just below ground level.

3. Assemble two parts L, three parts N, one M, one K, and one part P to construct the second layer. Dry-fit these parts directly to the top of the first layer and nail the corners together with 3½" nails. Use 6" nails roughly every 16" apart around the perimeter to spike the second layer to the first one.

4. Attach the third set of 4 x 4s to the second one. Use the same part numbers you used to construct the second layer.

5. The fourth row of 4 x 4s (Fig. 6) requires two parts G, three parts N, and two parts J. At the same time, attach the two cross-members Q to parts G. The bench will eventually sit on the extended ends of Q.

6. To complete the planter, add the fifth and sixth layers. (Repeat the same pattern as for layers two and three.)

7. Use parts R, S, T, and U to construct the bench, (Fig. 5). To make parts S and T, trim lengths of 2 x 4 to 2½" wide. Nail parts U to the underside of parts R (¼" spaces); then trim the bench front and side edges with parts S and T.

8. Centre the bench onto parts Q and nail it in place. You may want to use hinges to attach part Q to the planter instead of nailing it. This way, the bench can be flipped up for trimming grass easily in summer. □

