

Project 10571EZ: Cranberry Rake Box

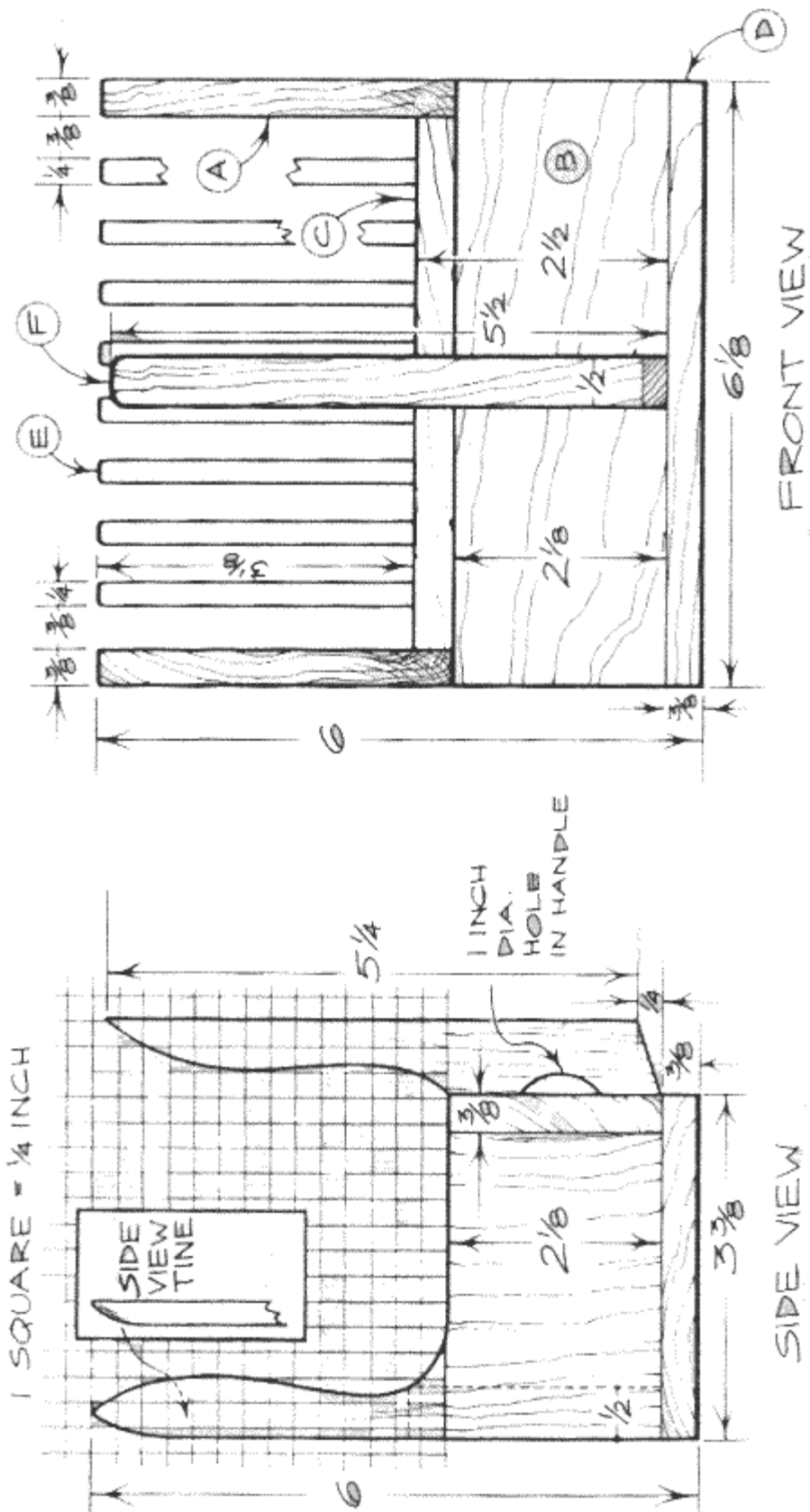


Even though much of the commercial cranberry crop is harvested by machine, the old-fashioned cranberry rake is still used to some extent. This miniature version of the cranberry rake is ideal for displaying dried flowers or for storing some small odds and ends. A small hole bored through the back enables it to be hung on a wall. The tines are made from birch dowel stock, while the remaining parts are made from pine.

Cranberry Rake Box Materials List

Part	Description	Size	No. Req'd
A	Side	3/8" x 3" x 5-5/8"	2
B	Front	3/8" x 2-1/8" x 6-1/8"	1
C	Back	1/2" x 2-1/2" x 5-3/8"	1
D	Bottom	3/8" x 3-3/8" x 6-1/8"	1
E	Tine	1/4" dia. x 3-1/2" long	8
F	Handle	1/2" x 3/4" x 5-1/2"	1

Cranberry Rake Box Complete Schematic



Cranberry Rake Box Step-by-Step Instructions

1. Hand plane thicker stock to obtain the 3/8" thickness for the two sides (A).
2. Cut the stock to a width of 3" and a length of 5-5/8".
3. Transfer the grid pattern from the drawing to the stock.
4. Cut out on the band or jig saw, staying just outside the marked line.
5. Sand exactly to the line.
6. Cut the front (B) and the bottom (D) to the correct dimensions from 3/8" thick stock.
7. Cut 1/2" thick stock to length and width to make the back (C).
8. Lay out and mark the location of the 1/4" diameter by 3/8" deep holes to accept the tines (E).
9. Cut the tines to a length of 3-1/2".
10. Glue the tines into place.
11. Allow the glue to dry.
12. Clamp the back in a vise.
13. Use a belt sander to bevel the end of each tine.
14. Make the handle as shown.
15. Attach the handle to the front with glue and a pair of finishing nails driven from the back side.
16. Assemble the front, back, sides, and bottom with glue and countersunk finishing nails.
17. Fill the countersunk holes and sand smooth.
18. Final sand all parts before staining.
19. Allow the stain to dry thoroughly.
20. Apply two coats of a penetrating oil.

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