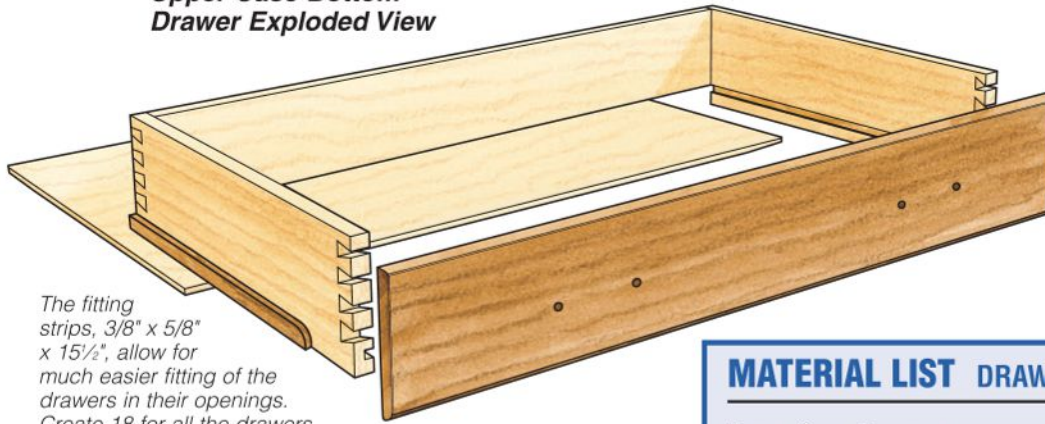
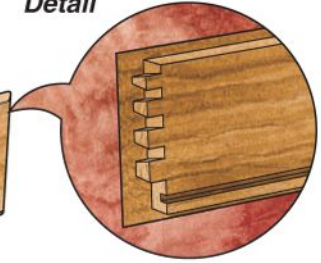


Upper Case Bottom Drawer Exploded View



Half-Blind Dovetail Detail



The fitting strips, $3/8" \times 5/8" \times 15\frac{1}{2}"$, allow for much easier fitting of the drawers in their openings. Create 18 for all the drawers except G; its 2 strips are 10" long.

Drawer Dovetail Layout

(Front View)

There is no specific pattern for the dovetails on these drawers. The author marks them out by hand — using a pattern that has wider tails in the center of the drawer components, getting narrower as they approach either edge.

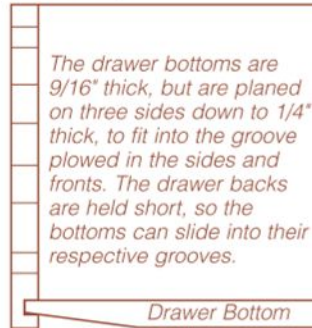


Typical dovetail layout

Drawer Construction

(Back View)

The drawer bottoms are $9/16"$ thick, but are planed on three sides down to $1/4"$ thick, to fit into the groove plowed in the sides and fronts. The drawer backs are held short, so the bottoms can slide into their respective grooves.



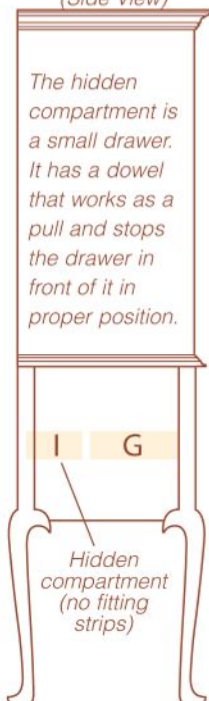
Drawer Bottom

Typical drawer bottom joint

Drawer Location Key

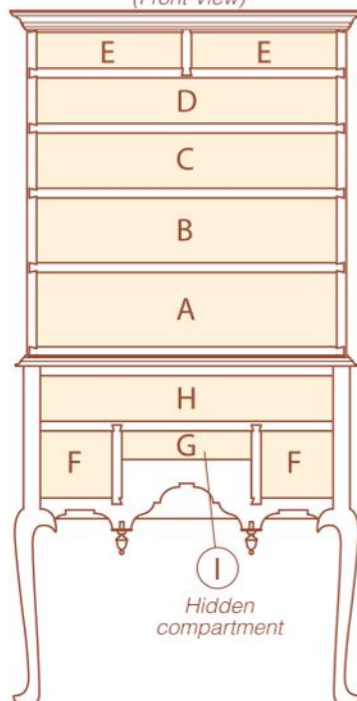
(Side View)

The hidden compartment is a small drawer. It has a dowel that works as a pull and stops the drawer in front of it in proper position.



Hidden compartment (no fitting strips)

(Front View)



Hidden compartment

MATERIAL LIST DRAWERS

Upper Case Drawers

	T x W x L
Front A (1)	1" x 8" x 31 $\frac{3}{4}$ "
Sides A (2)	9/16" x 7 $\frac{3}{4}$ " x 17 $\frac{1}{4}$ "
Back A (1)	9/16" x 7" x 30 $\frac{7}{16}$ "
Bottom A (1)	9/16" x 16 $\frac{3}{4}$ " x 29 $\frac{3}{4}$ "
Front B (1)	1" x 7" x 31 $\frac{3}{4}$ "
Sides B (2)	9/16" x 6 $\frac{3}{4}$ " x 17 $\frac{1}{4}$ "
Back B (1)	9/16" x 6" x 30 $\frac{7}{16}$ "
Bottom B (1)	9/16" x 16 $\frac{3}{4}$ " x 29 $\frac{3}{4}$ "
Front C (1)	1" x 6" x 31 $\frac{3}{4}$ "
Sides C (2)	9/16" x 5 $\frac{3}{4}$ " x 17 $\frac{1}{4}$ "
Back C (1)	9/16" x 5" x 30 $\frac{7}{16}$ "
Bottom C (1)	9/16" x 16 $\frac{3}{4}$ " x 29 $\frac{3}{4}$ "
Front D (1)	1" x 5" x 31 $\frac{3}{4}$ "
Sides D (2)	9/16" x 4 $\frac{3}{4}$ " x 17 $\frac{1}{4}$ "
Back D (1)	9/16" x 4" x 30 $\frac{7}{16}$ "
Bottom D (1)	9/16" x 16 $\frac{3}{4}$ " x 29 $\frac{3}{4}$ "
Front E (2)	1" x 4" x 15 $\frac{5}{8}$ "
Sides E (4)	9/16" x 3 $\frac{3}{4}$ " x 17 $\frac{1}{4}$ "
Back E (2)	9/16" x 3" x 14 $\frac{3}{8}$ "
Bottom E (2)	9/16" x 16 $\frac{3}{4}$ " x 13 $\frac{7}{8}$ "

Lower Case Drawers

Front H (1)	1" x 5" x 31 $\frac{5}{8}$ "
Sides H (2)	9/16" x 4 $\frac{3}{4}$ " x 17 $\frac{1}{2}$ "
Back H (1)	9/16" x 4" x 29 $\frac{13}{16}$ "
Bottom H (1)	9/16" x 17" x 29 $\frac{1}{16}$ "
Fronts F (2)	1" x 7 $\frac{1}{4}$ " x 8"
Sides F (4)	9/16" x 7" x 17 $\frac{1}{2}$ "
Backs F (2)	9/16" x 6 $\frac{1}{4}$ " x 6 $\frac{3}{16}$ "
Bottoms F (2)	9/16" x 5 $\frac{7}{16}$ " x 17"
Front G (1)	1" x 3 $\frac{1}{4}$ " x 14 $\frac{1}{8}$ "
Sides G (2)	9/16" x 3" x 12"
Back G (1)	9/16" x 2 $\frac{1}{4}$ " x 12 $\frac{7}{8}$ "
Bottom G (1)	9/16" x 11 $\frac{5}{8}$ " x 12 $\frac{1}{8}$ "
Front I* (1)	1" x 3" x 13 $\frac{1}{2}$ "
Sides I* (2)	9/16" x 3" x 4 $\frac{1}{4}$ "
Back I* (1)	9/16" x 2 $\frac{1}{4}$ " x 13 $\frac{1}{2}$ "
Bottom I* (1)	9/16" x 4" x 13"

* Hidden compartment pieces

The hidden compartment sits behind a "short" drawer. It is a fun optional component that is in keeping with the historical design of this project. (See the photo on the first page of the story.)