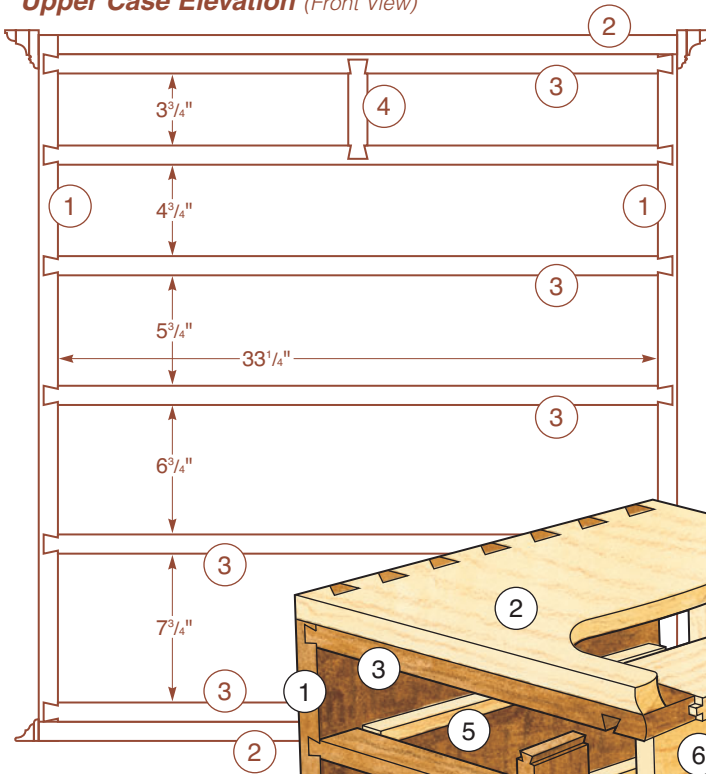


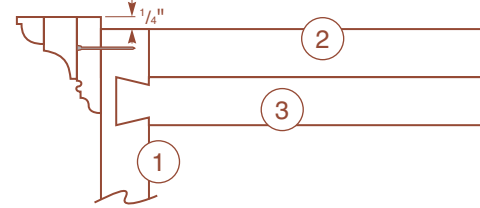
### Upper Case Elevation (Front View)



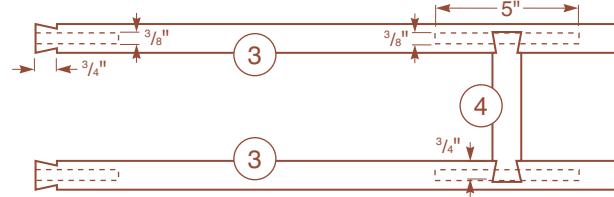
The upper case is joined to the lower case using screws driven up through the webs — found in the lower unit.

### Crown Molding Location (Front View)

On the side of the case, the author nails the innermost strip of the crown molding buildup to the case and then glues the remaining strips in place.



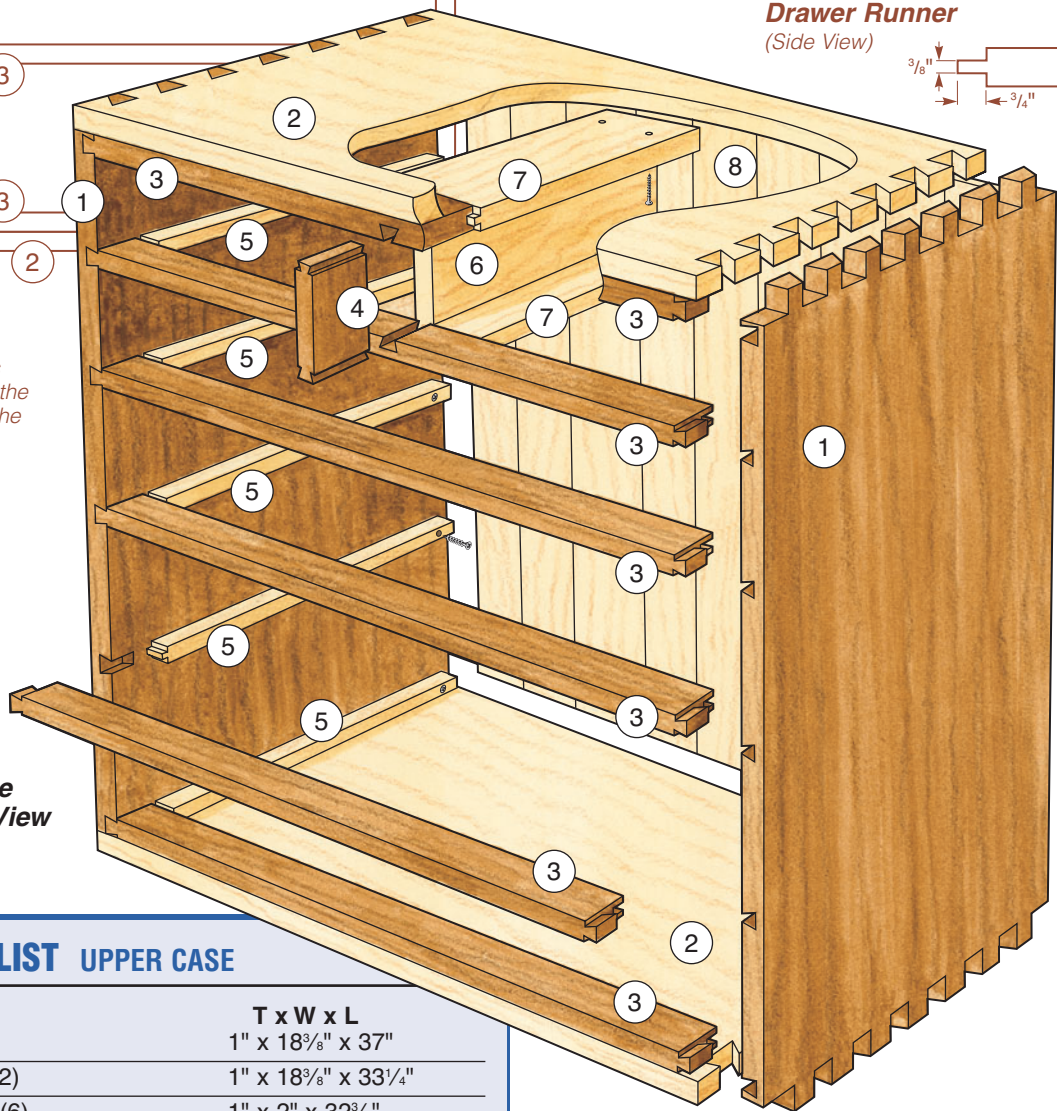
### Drawer Rail and Divider (Front View)



### Drawer Runner (Side View)



### Upper Case Exploded View

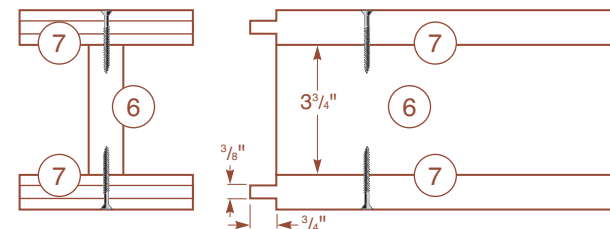


### MATERIAL LIST UPPER CASE

|                                     | T x W x L  |
|-------------------------------------|--|
| 1 Sides* (2)                        | 1" x 18 <sup>3</sup> / <sub>8</sub> " x 37"                              |
| 2 Top, Bottom (2)                   | 1" x 18 <sup>3</sup> / <sub>8</sub> " x 33 <sup>1</sup> / <sub>4</sub> " |
| 3 Drawer Rails (6)                  | 1" x 2" x 32 <sup>3</sup> / <sub>4</sub> "                               |
| 4 Front Drawer Divider (1)          | 1" x 2" x 5 <sup>1</sup> / <sub>4</sub> "                                |
| 5 Drawer Runners/Kicker Strips (12) | 1" x 1 <sup>1</sup> / <sub>2</sub> " x 15 <sup>3</sup> / <sub>4</sub> "  |
| 6 Drawer Separator (1)              | 1" x 3 <sup>3</sup> / <sub>4</sub> " x 14 <sup>3</sup> / <sub>4</sub> "  |
| 7 Drawer Runner/Kicker Strips (2)   | 1" x 5" x 15 <sup>3</sup> / <sub>4</sub> "                               |
| 8 Back: Vertical Random Width       | 1/2" ship-lap fills back rabbets   |

\*Sides (parts 1) finished length is 36<sup>3</sup>/<sub>4</sub>" after machining

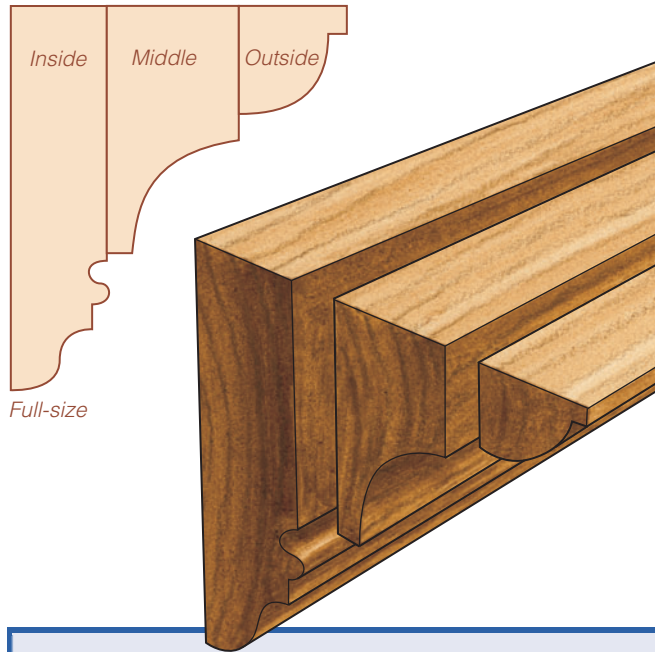
### Drawer Kicker and Separator Subassembly



(Front View)

(Side View)

### Crown Molding



Full-size

### MATERIAL LIST MOLDINGS

#### Crown Molding

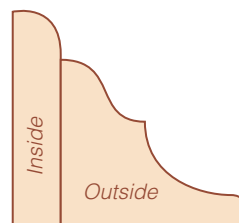
|                   |                             |
|-------------------|-----------------------------|
| Inside Side (2)   | 1/2" x 2" x 19 1/8"         |
| Middle Side (2)   | 11/16" x 1 5/16" x 19 3/16" |
| Outside Side (2)  | 9/16" x 9/16" x 20 3/8"     |
| Inside Front (1)  | 1/2" x 2" x 34"             |
| Middle Front (1)  | 11/16" x 1 5/16" x 35 5/16" |
| Outside Front (1) | 9/16" x 9/16" x 36 7/16"    |

#### Waist Molding

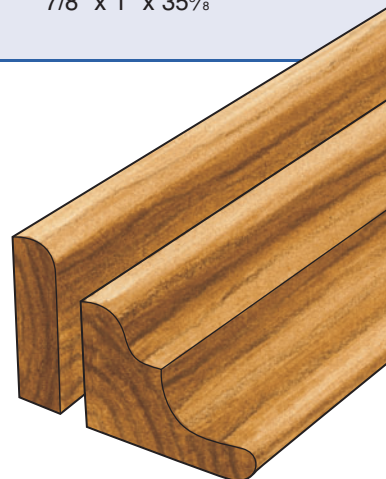
#### T x W x L

|                   |                         |
|-------------------|-------------------------|
| Inside Side (2)   | 1/4" x 1 1/8" x 18 5/8" |
| Inside Front (1)  | 1/4" x 1 1/8" x 33 3/4" |
| Outside Side (2)  | 7/8" x 1" x 19 5/8"     |
| Outside Front (1) | 7/8" x 1" x 35 5/8"     |

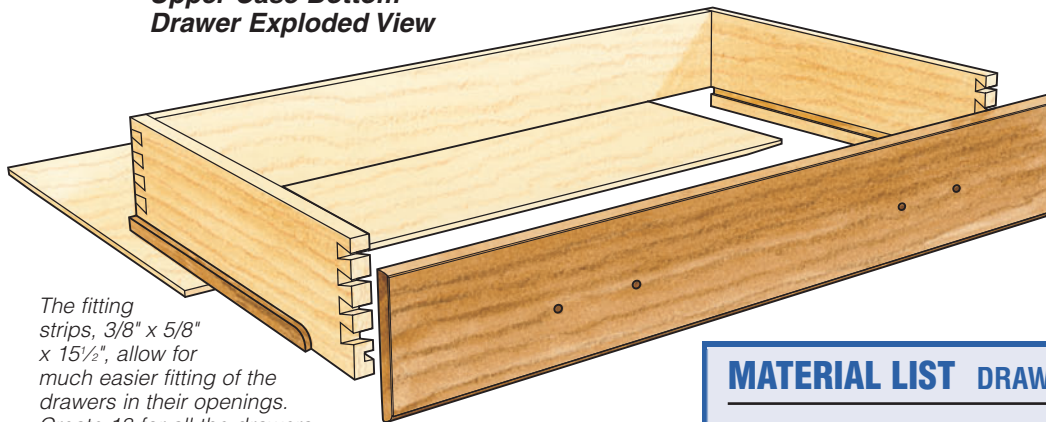
### Waist Molding



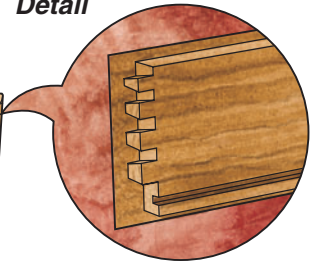
Full-size



### Upper Case Bottom Drawer Exploded View



### Half-Blind Dovetail Detail



The fitting strips, 3/8" x 5/8" x 15 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.

## MATERIAL LIST DRAWERS

### Upper Case Drawers

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

### Lower Case Drawers

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

\* Hidden compartment pieces

### 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.



### 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.



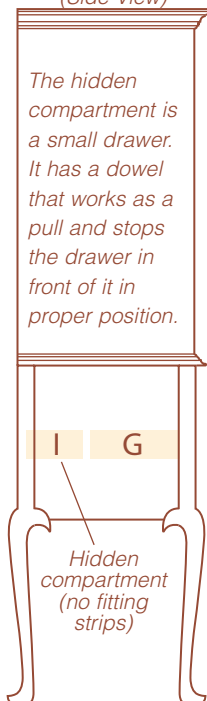
Drawer Bottom

Typical dovetail layout

Typical drawer bottom joint

### Drawer Location Key

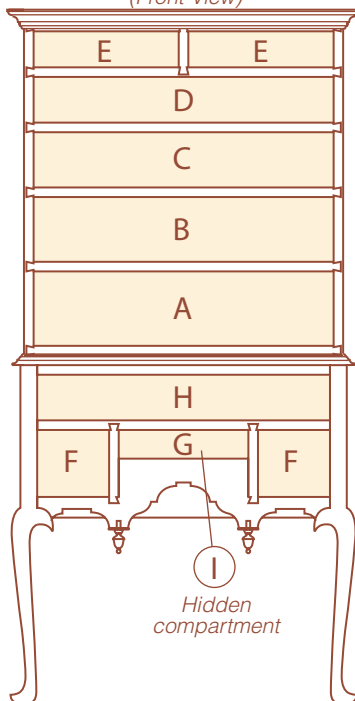
(Side View)



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

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.)