



# Lawyer's Bookcase

## Plan No. 700

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As common in law offices today as they were 100 years ago, traditional lawyer's bookcases are designed for storing expensive law books. Traditionally made of oak, the style is characterized by individual stacking compartments, or cases, fronted by glass doors. The doors allow for total visibility while protecting each case's contents from dust and dirt.

This do-it-yourself version shares the classic features of the originals, making it ideal for displaying books or almost anything else. Like the originals, the project is built one case at a time (following the same steps each time) and stacked.

The completed lawyer's bookcase measures five feet tall by four feet wide by one foot deep. As pictured, the bottom case measures 16 inches tall, the top one is 12 inches tall and the two middle cases are 14 inches tall, but the combination is up to the builder.

### Bill of Material\*

Quantity	Size	Material	Item
8	3/4" x 6" x 120"***	oak	A, B, D, E, F H, I, J, K
1	1/4" x 48" x 96"	oak plywood	C
36	3/8" x 1"	dowels	
16	3/8" x 1 1/2"	dowels	
1	1/8" x 8 5/8" x 42 7/8"	tempered glass	
2	1/8" x 10 5/8" x 42 7/8"	tempered glass	
1	1/8" x 12 5/8" x 42 7/8"	tempered glass	
4	1 1/4"	wooden knobs	
16		glass clips	
4		magnetic latches	
1 box	1 1/4"	finish nails	
1 box	1/2"	brads	
1 bottle		wood glue	
1 quart		finish of choice	
1 tube		silicon caulking (optional)	

\*For project as pictured; (1) 16" case, (2) 14" cases, (1) 12" case  
\*\*Roughly 40 board-feet.

### NOTES

1. Read all instructions and check materials before beginning work.
2. Read manufacturer's instructions before operating equipment.
3. **Always** wear safety glasses.
4. We used oak for this project, but any veneer plywood and matching lumber (such as cherry, pine or birch) will work equally well.
5. When using finish nails on oak, drill pilot holes to avoid splitting.
6. Edge-gluing is required to achieve the necessary width of boards A, B and H (see cutting schedules).
7. Accuracy in layout, cutting and construction is critical in allowing the units to fit together properly and the doors to pivot and slide as designed. Check squareness of components as you build.

### Cutting Schedule--Top

Item	Qty	T	W	L	Material
H	1	3/4"	11"	45 1/2"	oak
I	2	3/4"	1 1/2"	11 5/8"	oak

### Cutting Schedule--12" Case

Item	Qty	T	W	L	Material
A	1	3/4"	11"	48"	oak
B	2	3/4"	11"	11 5/8"	oak
C	1	1/4"	11 1/2"	46"	oak plywood
D	2	3/4"	5/8"	12"	oak
E	2	3/4"	1 1/2"	11 1/8"	oak
F	2	3/4"	1 1/2"	42 3/8"	oak
G*	1	1/8"	8 5/8"	42 7/8"	tempered glass

\*Cut glass to fit after door frame is built.

### Cutting Schedule--14" Case

Item	Qty	T	W	L	Material
A	1	3/4"	11"	48"	oak
B	2	3/4"	11"	13 5/8"	oak
C	1	1/4"	13 1/2"	46"	oak plywood
D	2	3/4"	5/8"	14"	oak
E	2	3/4"	1 1/2"	13 1/8"	oak
F	2	3/4"	1 1/2"	42 3/8"	oak
G*	1	1/8"	10 5/8"	42 7/8"	tempered glass

\*Cut glass to fit after door frame is built.

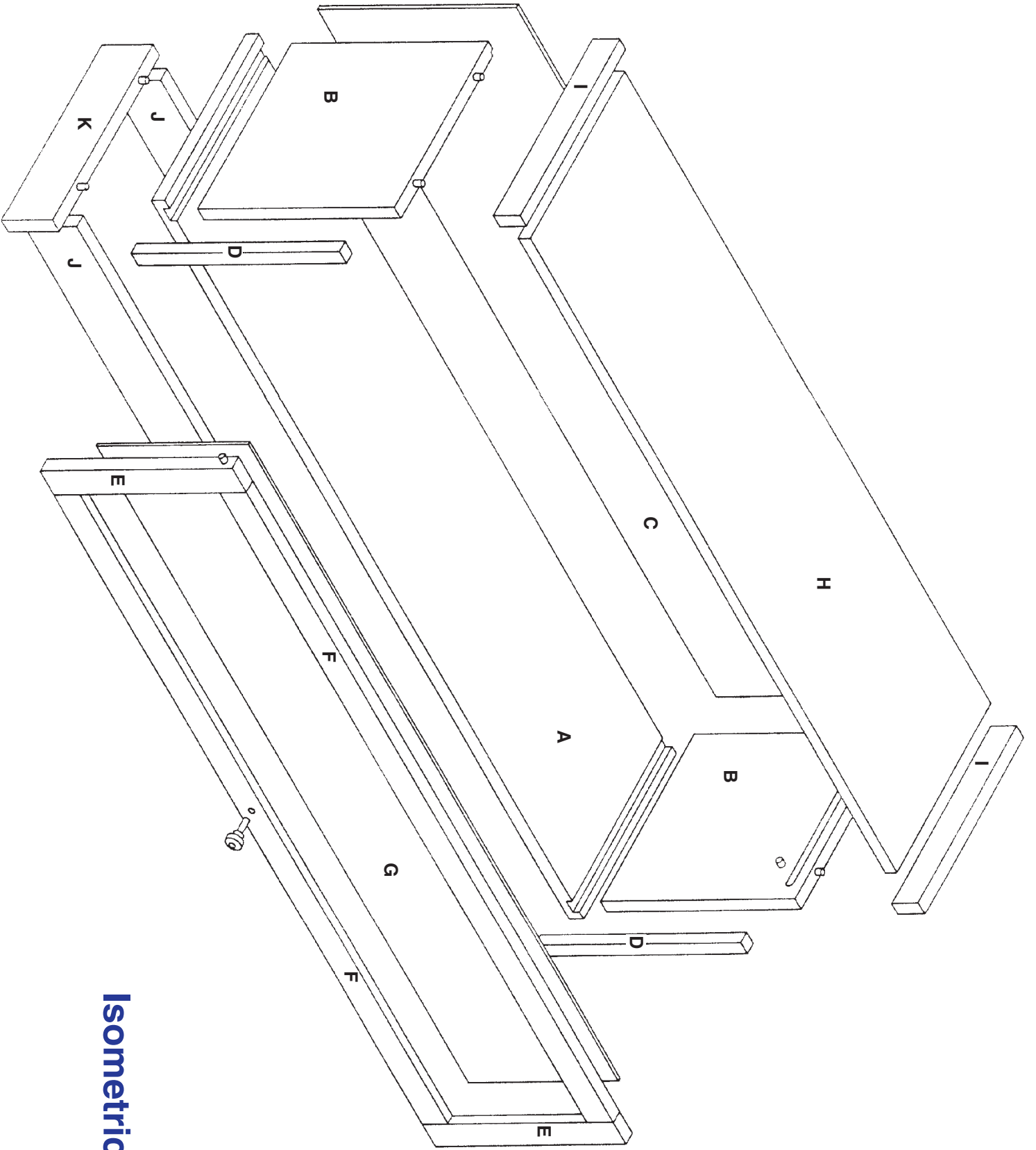
### Cutting Schedule--16" Case

Item	Qty	T	W	L	Material
A	1	3/4"	11"	48"	oak
B	2	3/4"	11"	15 5/8"	oak
C	1	1/4"	15 1/2"	46"	oak plywood
D	2	3/4"	5/8"	16"	oak
E	2	3/4"	1 1/2"	15 1/8"	oak
F	2	3/4"	1 1/2"	42 3/8"	oak
G*	1	1/8"	12 5/8"	42 7/8"	tempered glass

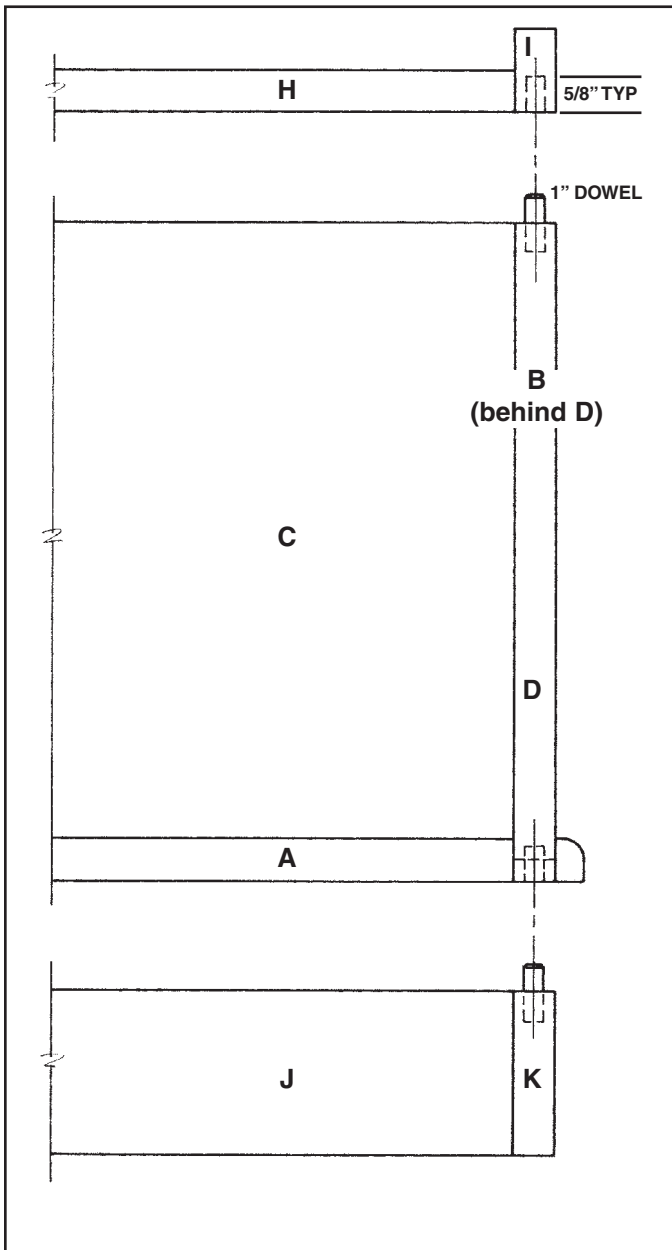
\*Cut glass to fit after door frame is built.

### Cutting Schedule--Base

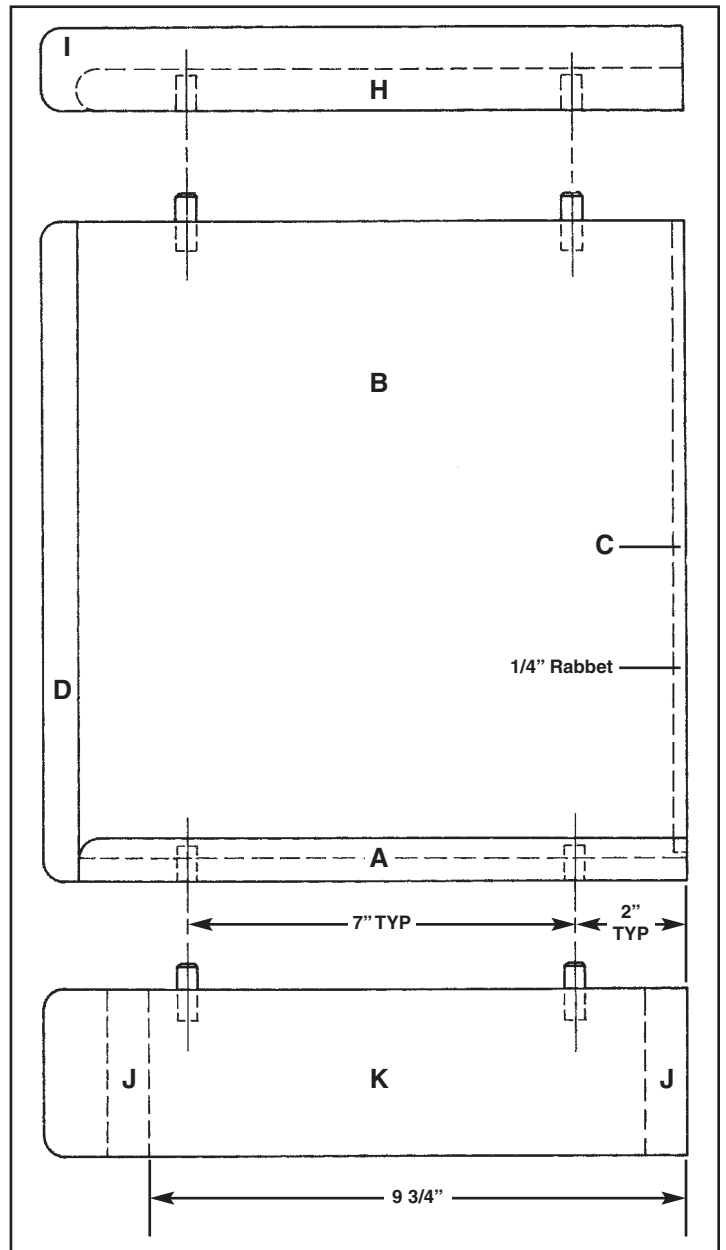
Item	Qty	T	W	L	Material
J	2	3/4"	3"	45 1/2"	oak
K	2	3/4"	3"	11 5/8"	oak



**Isometric**

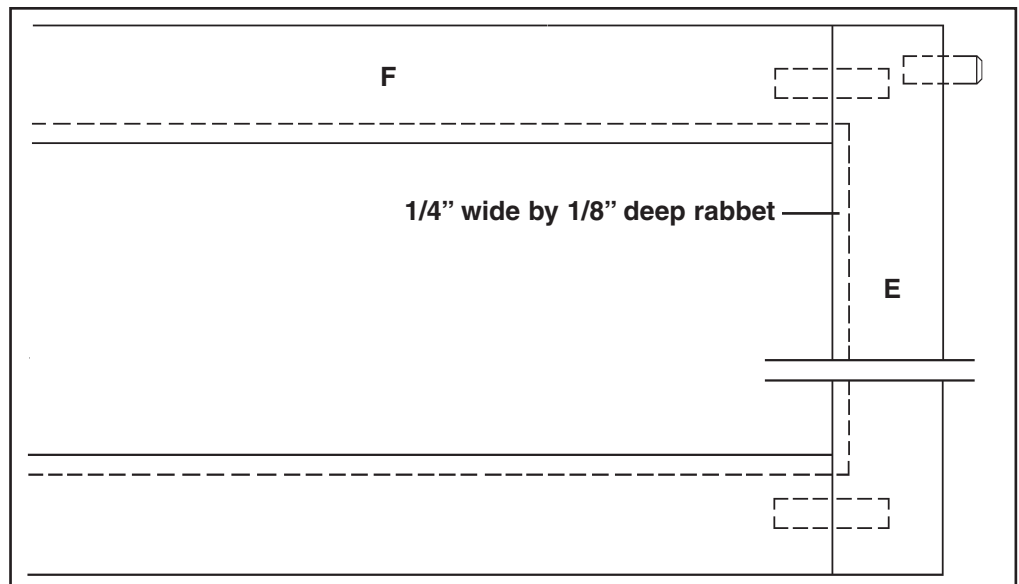


**Front View (partial)**



**Side View**

**Door Front View (partial)**

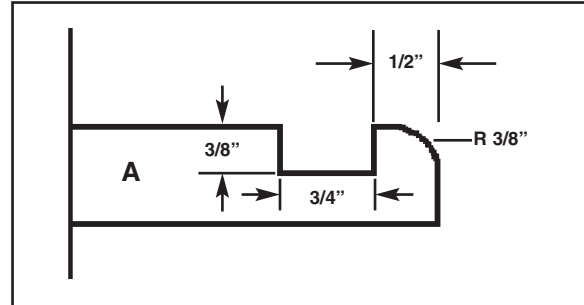


# Assembly Instructions

## Page One

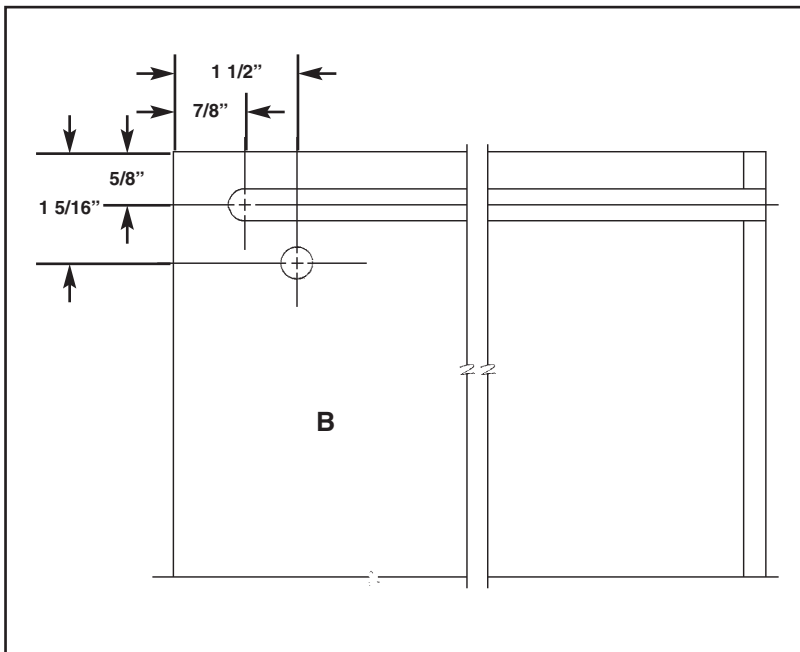
Read all instructions before beginning any work. Cut all material to sizes shown in cutting schedule.

1. Cut a  $3/4$ " wide by  $3/8$ " deep dado in both ends of board (A). Refer to Figure 1 and Isometric.
2. Cut a  $3/8$ " radius on upper front and side edges of board (A). Refer to Figure 1 and Front and Side Views.

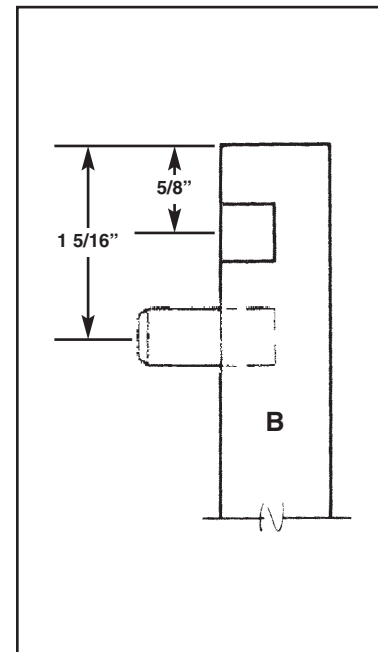


**Figure 1**  
**Board A**

3. Cut a  $3/8$ " wide by  $3/8$ " deep blind dado on upper inside surface of boards (B). (Note that boards (B) are mirror images of each other.) Refer to Figures 2 and 3 and Isometric.
4. Drill a  $3/8$ " diameter by  $3/8$ " deep hole below the blind dado on the inside surface of boards (B) for door supports. Glue a  $3/8$ " by 1" dowel into the hole. Refer to Figures 2 and 3 and Isometric.



**Figure 2**  
**Board B**  
**(left side)**



**Figure 3**  
**Board B Section**  
**(left side)**

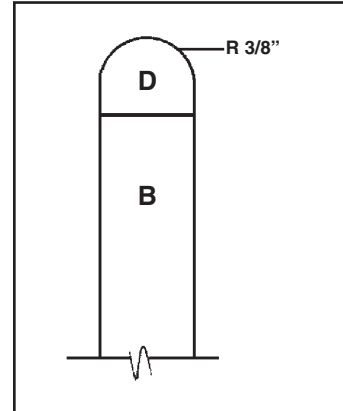
5. Insert sides (B) into dados in board (A) and attach using glue and 1 1/4" finish nails. Refer to Front and Side Views and Isometric.
6. Cut a  $1/4$ " wide by  $1/4$ " deep rabbet on back inside edge of subassembly (A, B). Refer to Side View and Isometric.

# Assembly Instructions

## Page Two

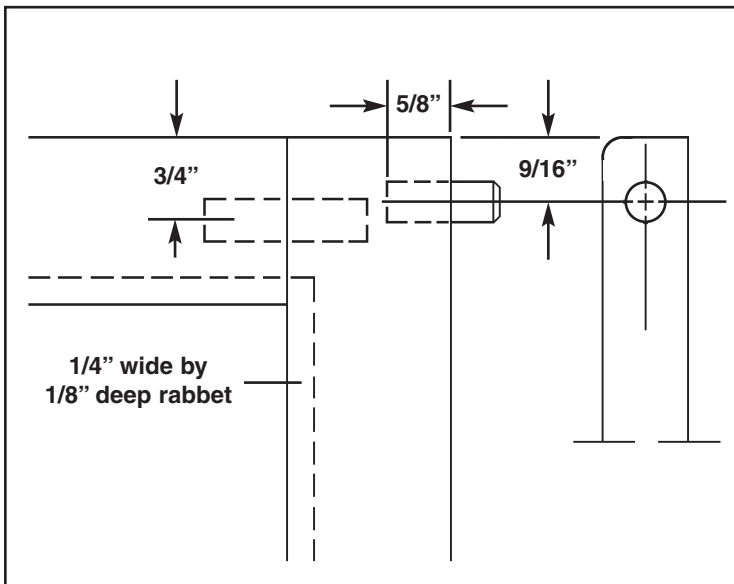
Read all instructions before beginning any work. Cut all material to sizes shown in cutting schedule.

- Cut a  $3/8$ " radius on front edges and both ends of boards (D). Refer to Figure 4 and Side View.
- Attach boards (D) to boards (B) using glue and 1  $1/4$ " finish nails. Refer to Figure 4, Front and Side Views and Isometric.

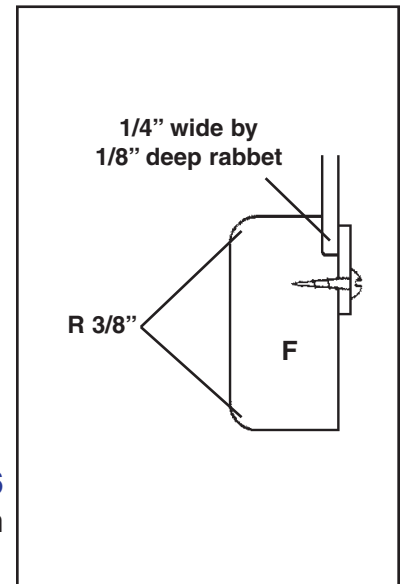


**Figure 4**  
**Boards B & D Section**

- Drill dowel pin holes in top and bottom edges of boards (B). Refer to Front and Side Views and Isometric.
- Glue 1" dowels in top edges of boards (B). Refer to Front and Side Views and Isometric.
- Assemble door frame (E, F) using glue and 1  $1/2$ " dowels. Refer to Figure 5, Door Front View and Isometric.
- Cut a  $3/8$ " radius on front edges of door frame (E, F). Refer to Figure 6.
- Cut a  $1/4$ " wide by  $1/8$ " deep rabbet on back inside edge of door frame (E, F). Refer to Figures 5 and 6 and Door Front View.
- Install 1" dowels in boards (E) to serve as pivots for door hinges. Refer to Figure 5, Door Front View and Isometric.



**Figure 5**  
**Door Detail**



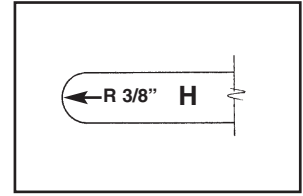
**Figure 6**  
**Board F Section**

# Assembly Instructions

## Page Three

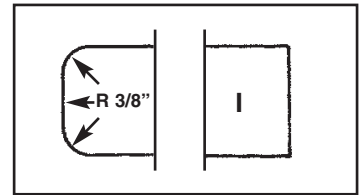
Read all instructions before beginning any work. Cut all material to sizes shown in cutting schedule.

15. Cut a  $3/8$ " radius on front edge of board (H). Refer to Figure 7 and Side View.



**Figure 7**  
**Board H Section**

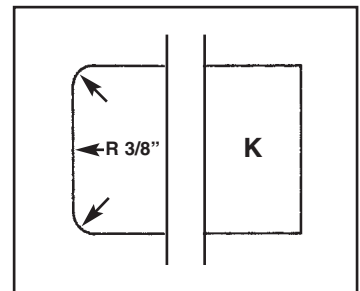
16. Cut a  $3/8$ " radius on front edges and corners of boards (I). Refer to Figure 8 and Side View.



**Figure 8**  
**Board I**

17. Assemble top (H, I) using glue and 1  $1/4$ " finish nails. Refer to Front and Side Views and Isometric.
18. Drill dowel pin holes in bottom edges of boards (I). Refer to Front and Side Views and Isometric.

19. Cut a  $3/8$ " radius on front edges and corners of boards (K). Refer to Figure 9 and Side View.



**Figure 9**  
**Board K**

20. Assemble bottom frame (J, K) using glue and 1  $1/4$ " finish nails. Refer to Front and Side Views and Isometric.
21. Drill dowel pin holes in top edges of boards (K). Refer to Front and Side Views and Isometric.
22. Glue 1" dowels in top edges of boards (K). Refer to Front and Side Views and Isometric.

# Assembly Instructions

## Page Four

Read all instructions before beginning any work. Cut all material to sizes shown in cutting schedule.

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23. Sand the project.
24. Apply finish to the project.
25. Install glass in the door frame using glass clips. Refer to figure 6. You may wish to apply a bead of silicon caulk to frame before installing glass to keep glass from rattling.
26. Insert pivoting dowels in boards (E) into dados in boards (B). You may wish to apply wax to the dowels and dados for smoother operation.
27. Insert back board (C) into rabbet in rear of case subassembly (A,B) and attach using 1/2" brads. Refer to Front and Side Views and Isometric.
28. Stack cases in preferred configuration using dowel pins and match holes in boards (I), (B) and (K).