U-BILD

AMERICA'S FAVORITE WOODWORKING PLANS

Bookcase
Plan No. 907

Like the books it's designed to protect and display, a well-made bookcase is a classic in its own right. At home in almost any room of the house, few pieces of furniture embody such a blend of form and function.

This do-it-yourself version is no exception: as versatile as it is handsome, it will accommodate any reader's prized collection in style.

A good project for woodworkers of all skill levels, the bookcase measures 60 inches tall by 34 inches wide by 14 inches deep.

Bill of Material

Quantity	Size	Material	Item
1	3/4" x 6" x 96"*	lumber of choice	E, F, G, M, H, I
2	3/4" x 48" x 96"	veneer plywood	A, B, C, D, L
1	3/4" x 3/4" x 72"	molding	J, K
8	3/8" x 2"	dowels	
12	3/16"	shelf support pins	
1 box	1 1/4"	finish nails	
1 box	3/4"	brads	
1 small can		wood filler	
1 small bottle		wood glue	
1 quart		finish**	

*Roughly 4 board-feet.
**We used fast-drying polyurethane clear satin finish over medium stain.

Cutting Schedule

| Item	Qty	T	W	L	Material
A	2	3/4"	12 1/4"	59 1/4"	veneer plywood
B	1	3/4"	32 1/2"	59 1/4"	veneer plywood
C	1	3/4"	13"	34"	veneer plywood
D	1	3/4"	11 1/2"	32 1/2"	veneer plywood
E	1	3/4"	3 1/4"	30"	lumber of choice
F	1	3/4"	2"	30"	lumber of choice
G	2	3/4"	2"	59 1/4"	lumber of choice
H	2	3/4"	1 11/16"	14 11/16"	molding
I	1	3/4"	1 11/16"	37 3/8"	molding
J	2	3/4"	3/4"	13 3/4"	molding
K	1	3/4"	3/4"	35 1/2"	molding
L	3	3/4"	11 1/4"	32 1/2"	veneer plywood
M	3	1/4"	3/4"	32 1/2"	lumber of choice

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 maple for this project, but any veneer plywood and matching lumber (such as oak, pine or birch) will work equally well.
5. Suggested sizes for lumber are provided (in the Bill of Materials) as a base for your own calculations. Individual boards may vary in appearance and defects, which may affect your cutting layout. Remember that scraps can often be re-glued and used for other parts.
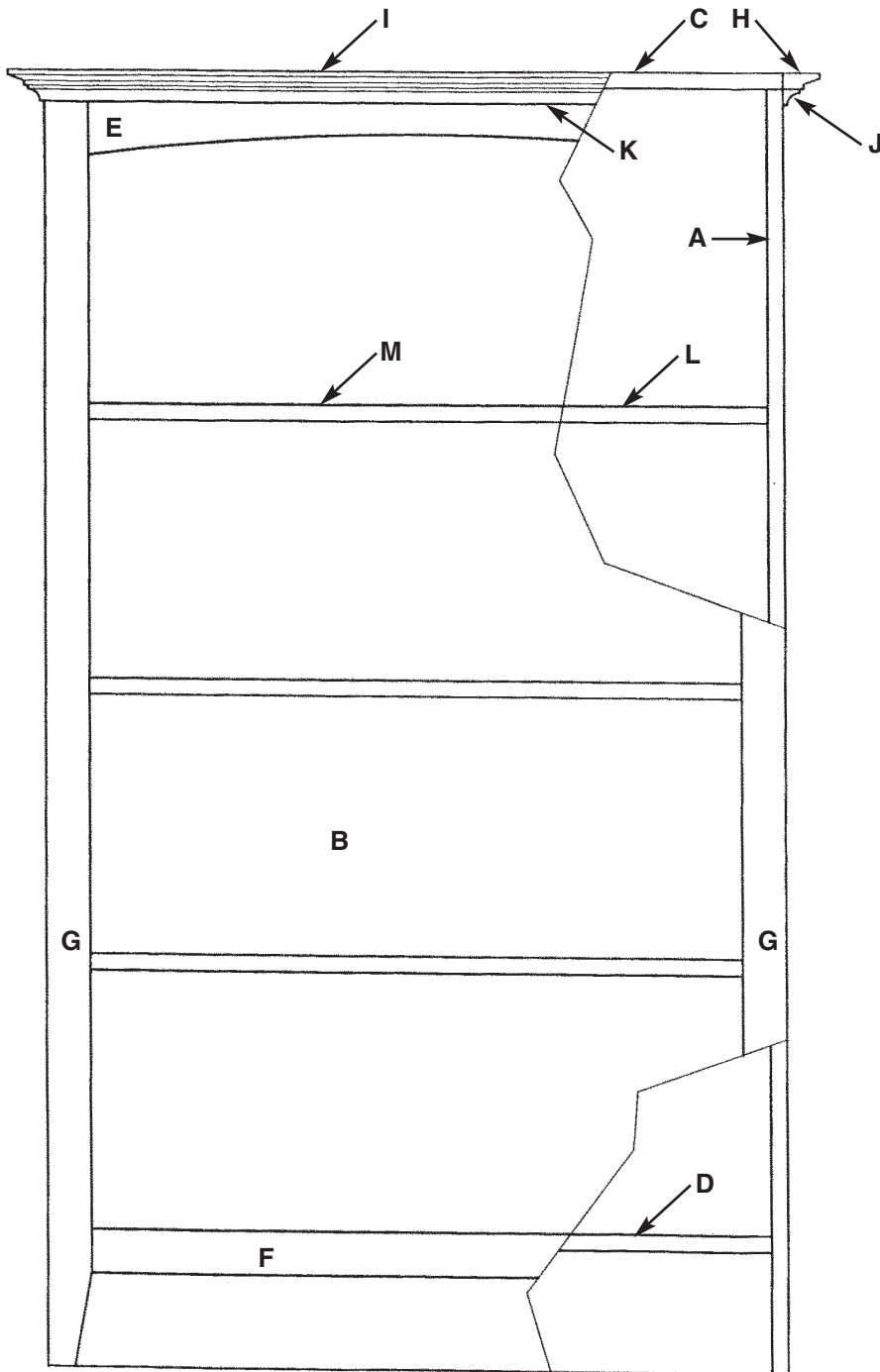
L (shelf)

L (shelf)

L (shelf)

D

A

C

A

B
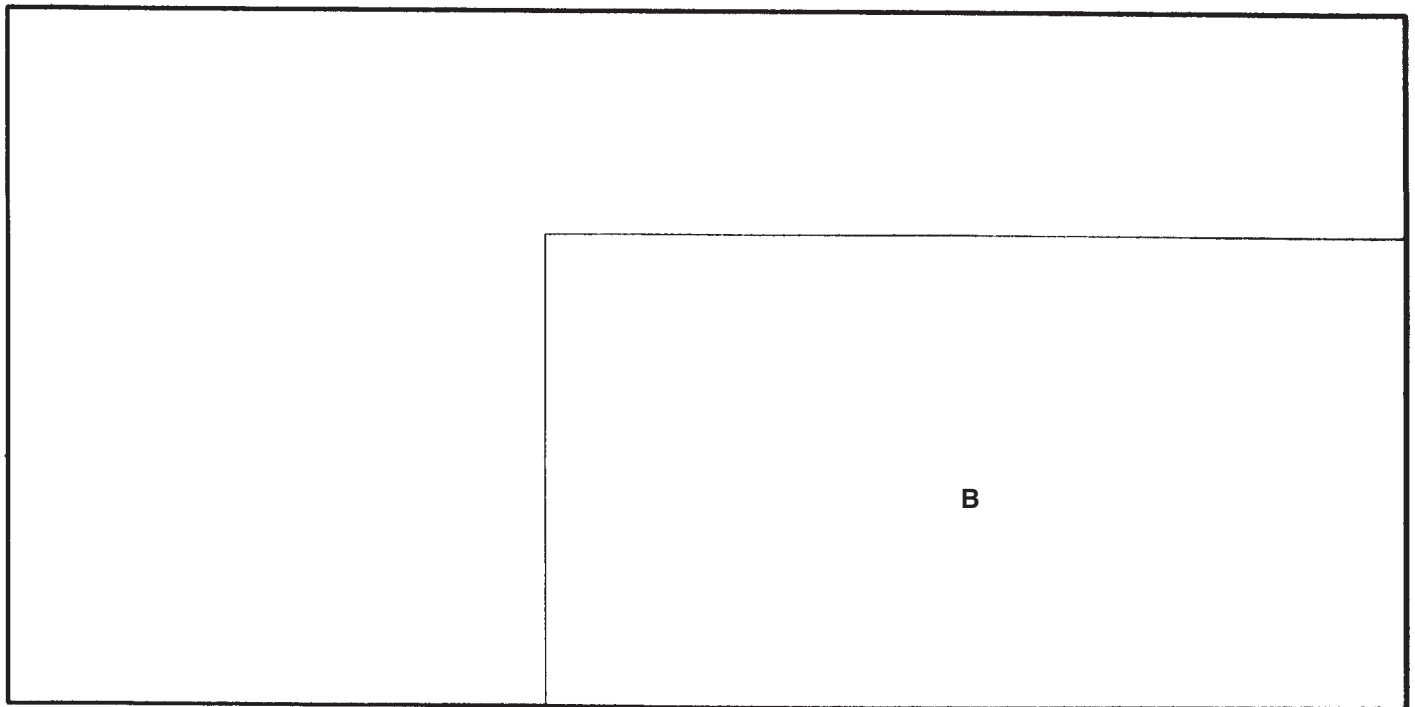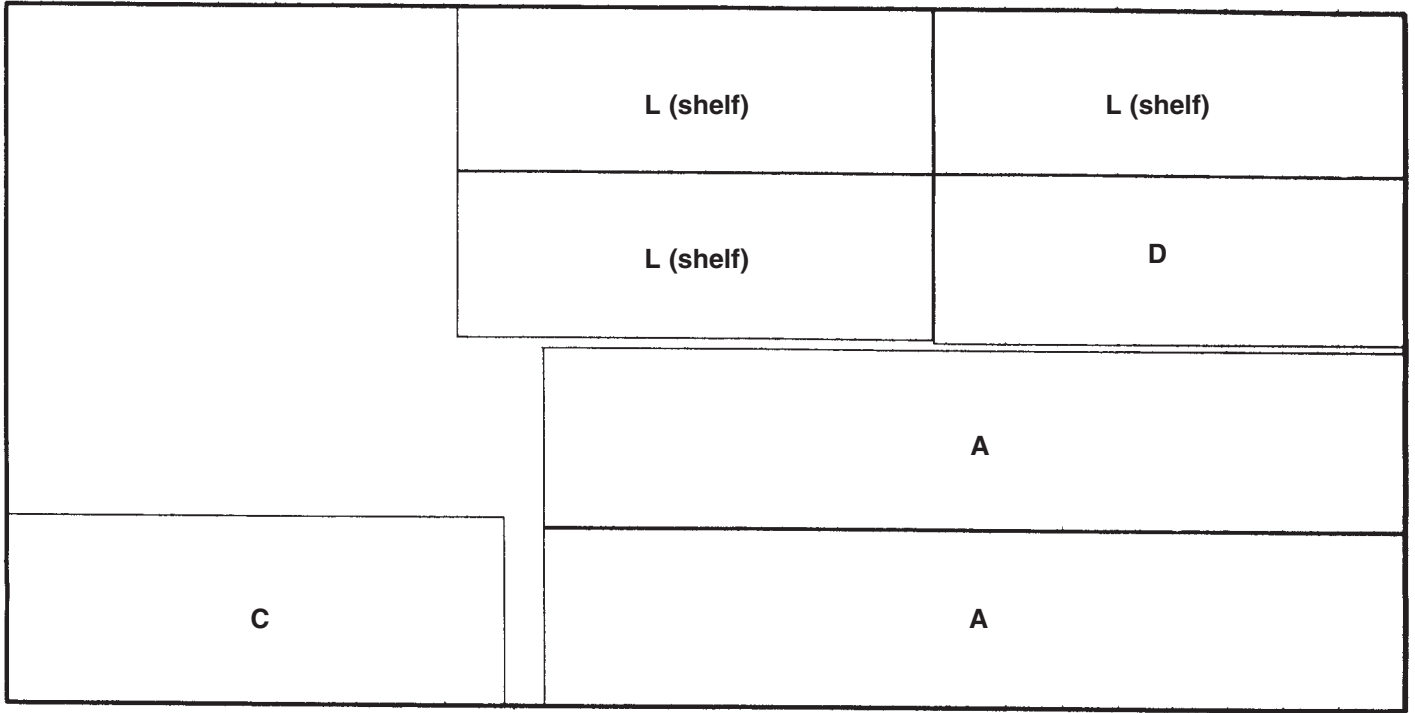
3/4" x 48" x 96"
Plywood Cutting Layouts

H, J

C

E

I, K

L

A

B

L

A

G

M

G

L

D

F
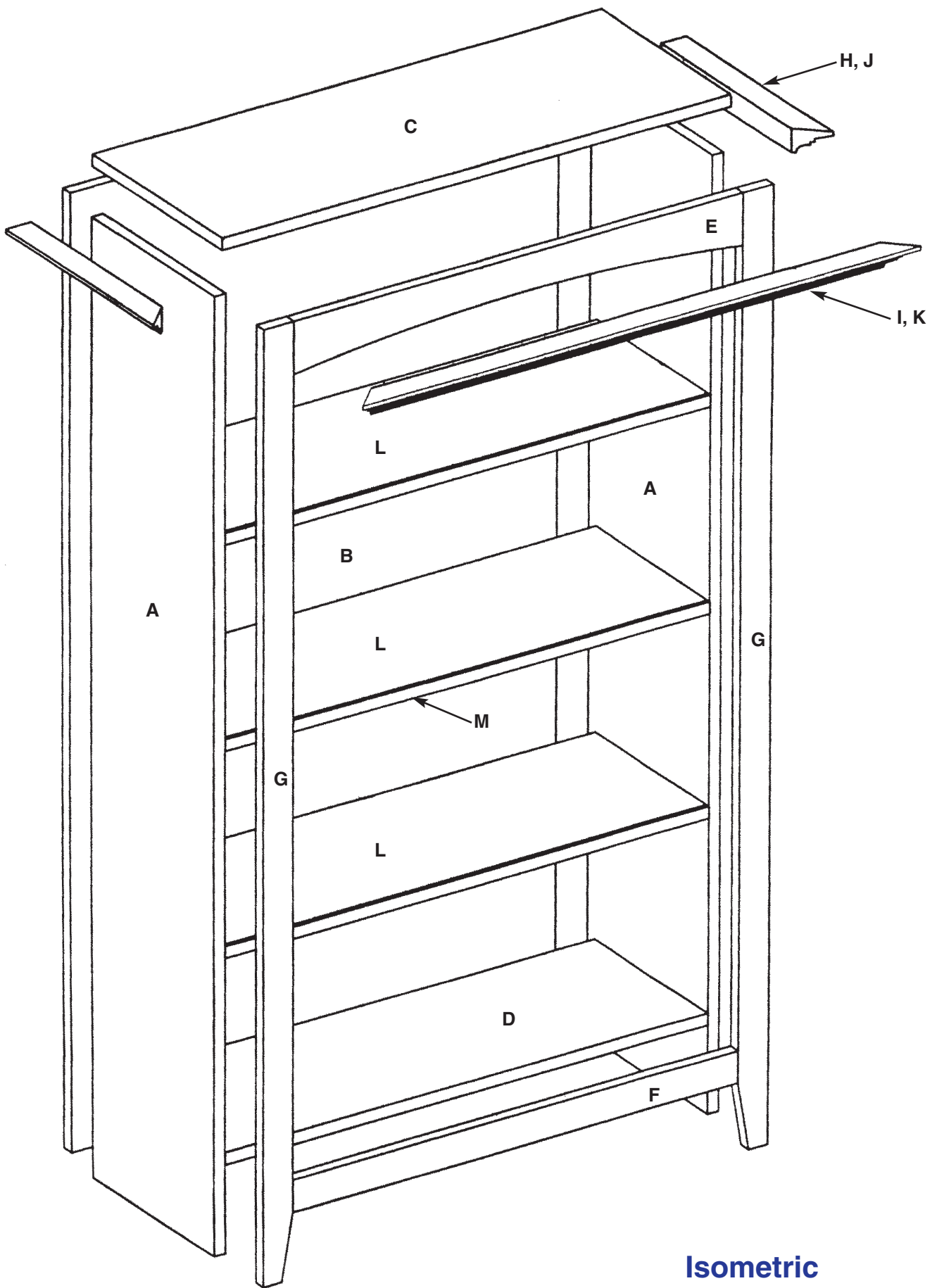
Isometric
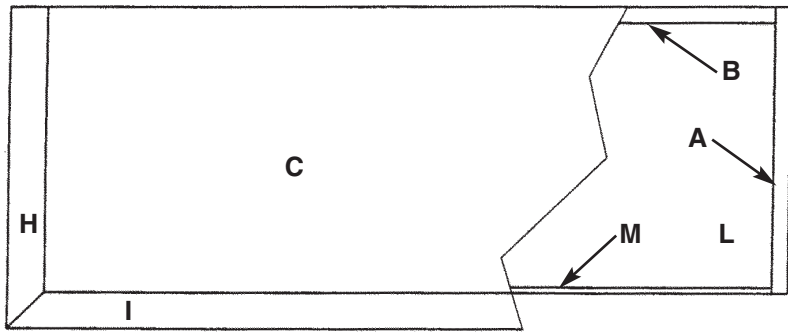
Top View

Front View
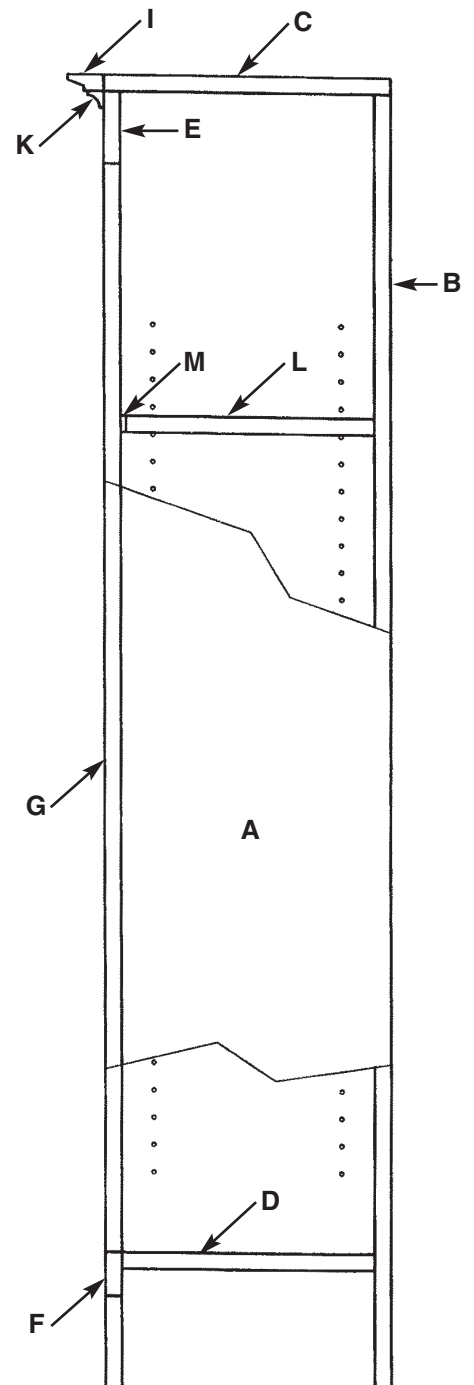
Side View (right)

Assembly Instructions
Page One

1. Lay out and drill hole pattern for shelf supports. Refer to Figure 1.

A
(left)

A
(right)

10 5/8" TYP.

1 1/2"
TYP.

1 1/4" TYP.

1 1/2"
TYP.

2 1/4"
TYP.
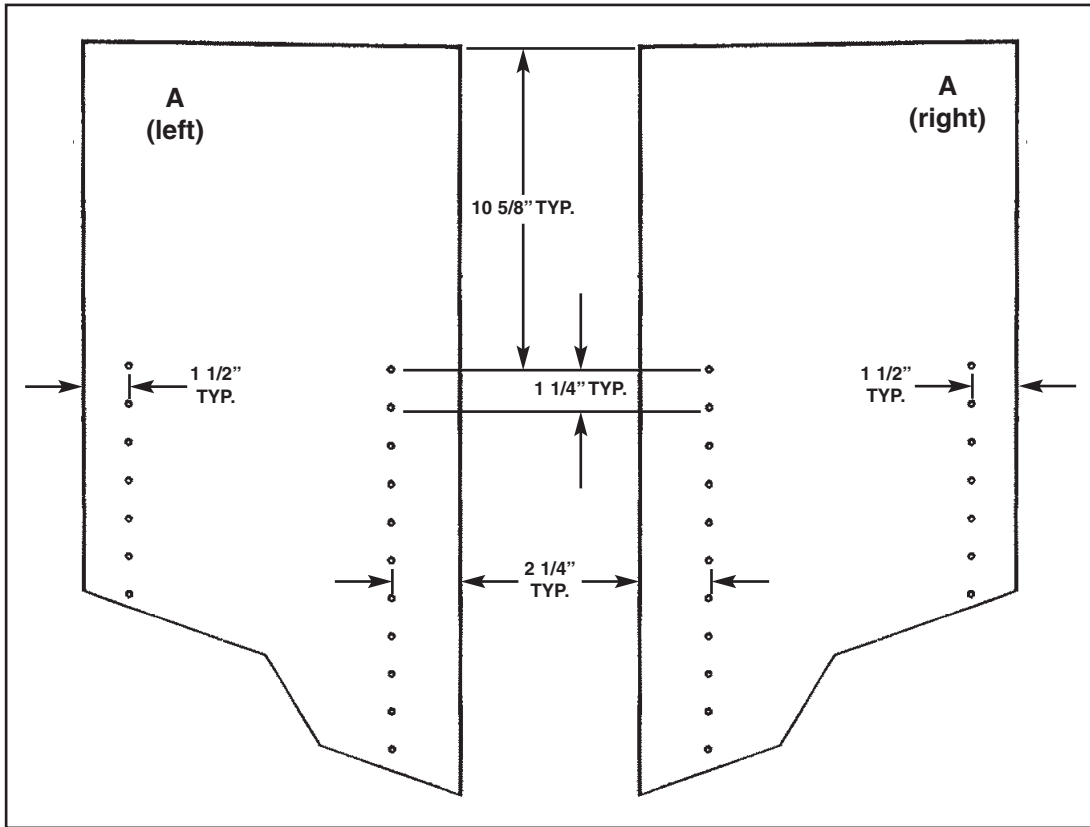
Figure 1
Shelf Pin Hole Pattern

2. Attach boards (A) to board (B) using glue and 1 1/4" finish nails. Refer to Isometric, Front, Top and Side Views.

3. Attach subassembly (A, B) to boards (C) and (D) using glue and 1 1/4" finish nails. Refer to Figure 2, Isometric and Front and Side Views. Check for squareness.

D

A

5 1/2"
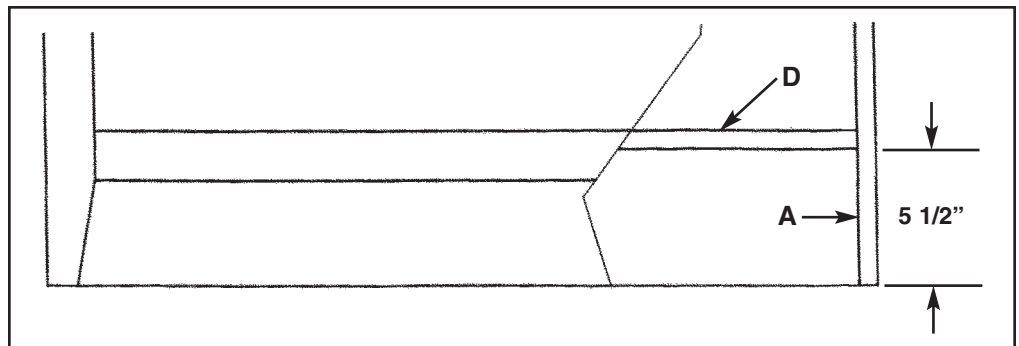
Figure 2
Location of Board (D)

4. Cut legs on boards (G). Refer to Figure 3, Isometric and Front View.
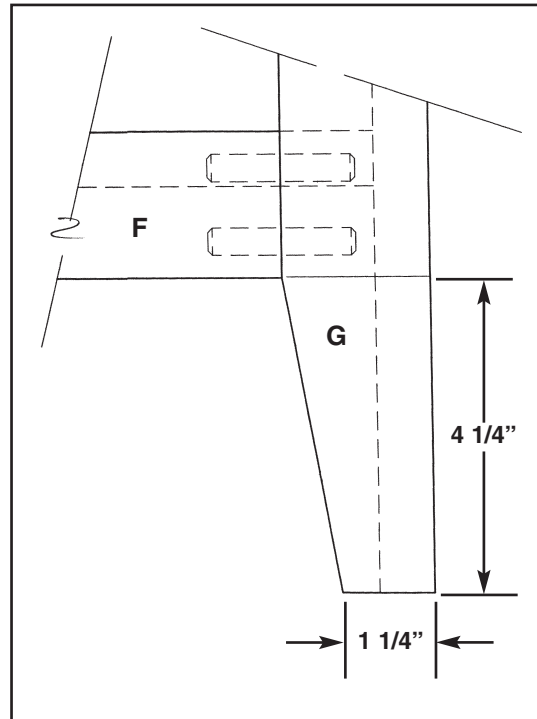
Figure 3
**Leg Pattern**

5. Cut curve on board (E). Refer to Figure 4.
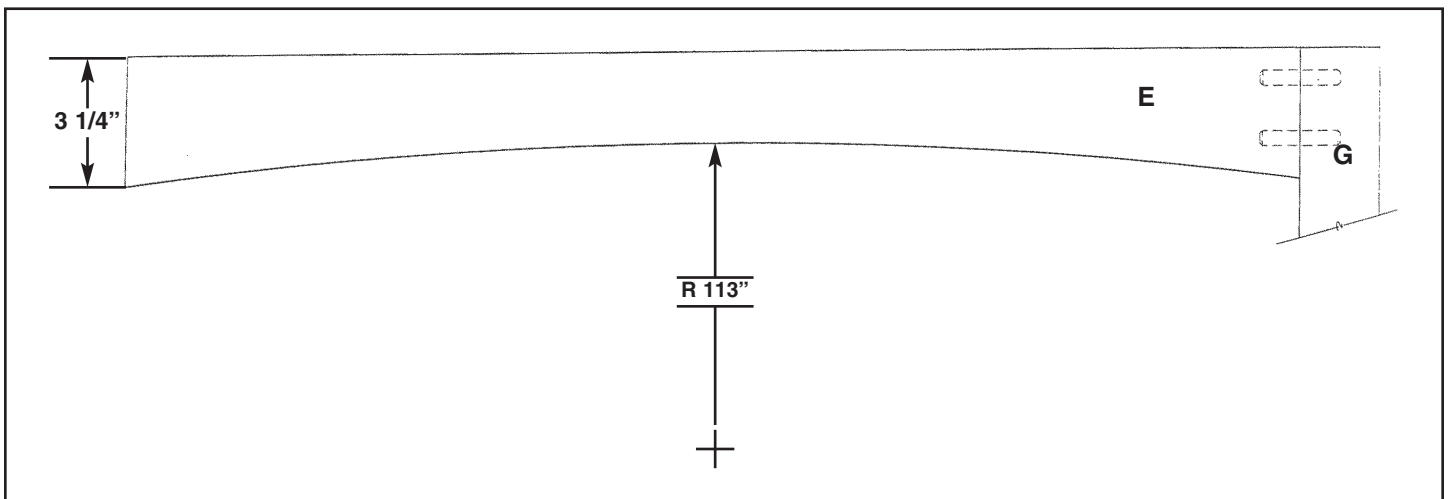
Figure 4
Board (E) Pattern

Assembly Instructions
Page Three

6. Assemble face frame (E, F and G) using dowel pins and glue. Refer to Figures 3 and 4, Isometric and Front and Side Views. Check for squareness.

7. Attach face frame subassembly (E, F, and G) to cabinet subassembly (A, B, C, and D) with glue and 1 1/4" finish nails. Refer to Isometric and Front and Side Views. Check for squareness.

8. Attach molding (H), (I), (J) and (K) with glue and clamps. Refer to Figure 5.
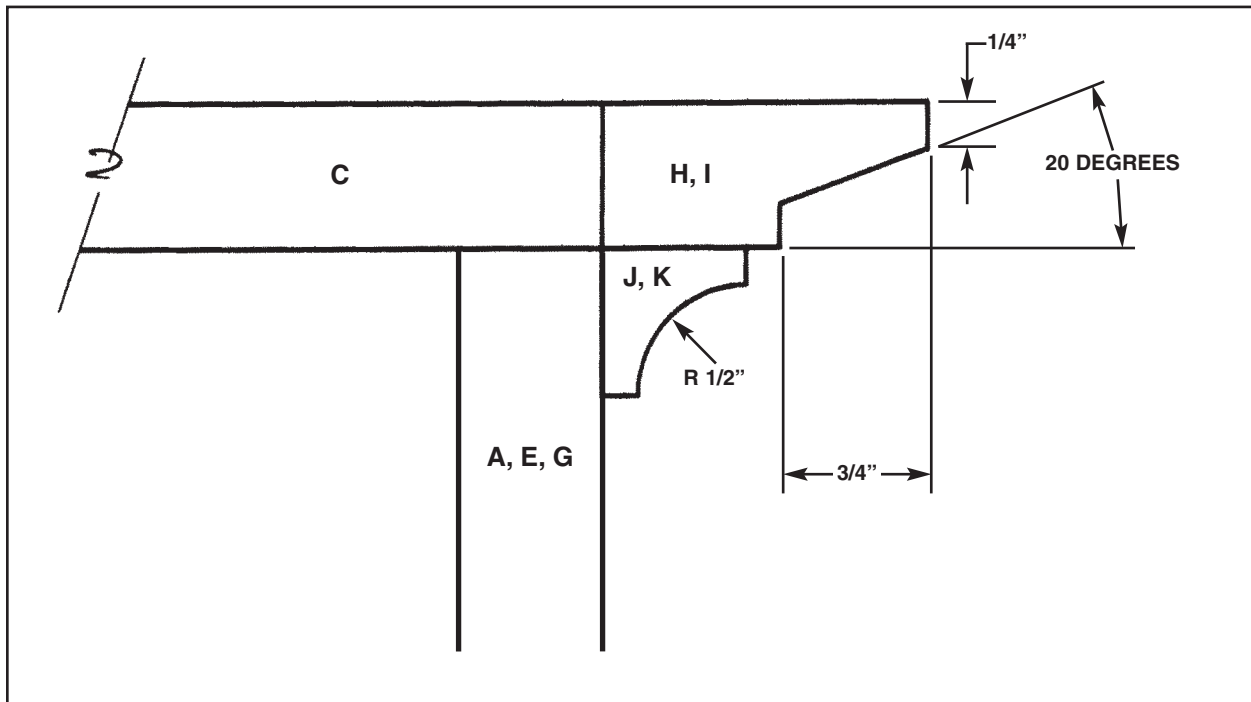
Figure 5
Molding (H), (I), (J) and (K) Pattern

9. Attach (M) to (L) with glue and 3/4" brads. Refer to Isometric and Top and Side Views.

10. Sand and apply finish to project.

11. Insert shelf support pins and install shelves.