

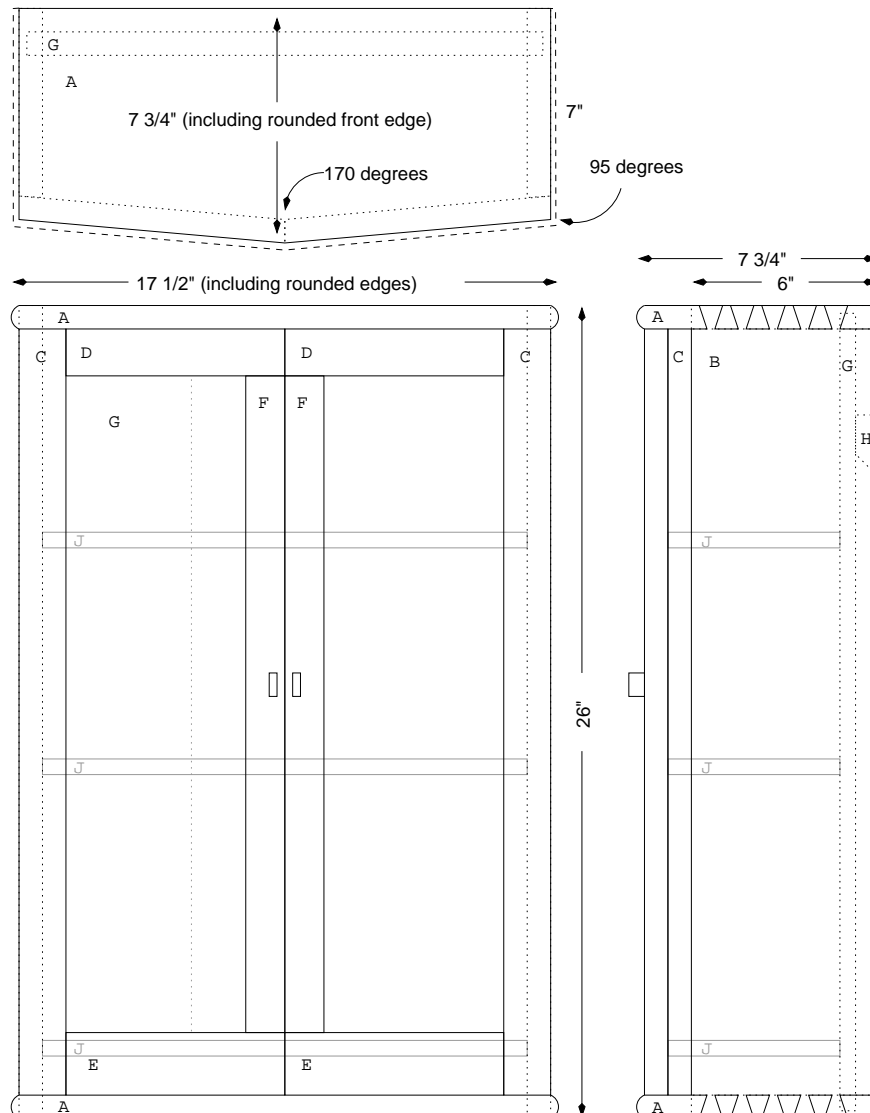
Display Cabinet

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Introduction

These plans are inspired by a cabinet in James Krenov's *A Cabinetmaker's Notebook*, pages 78 – 81. I chose to use dovetail joinery rather than the hidden technique Krenov uses, and the shelves will be wood instead of glass. The cabinet is a simple dovetailed box with the doors hung on the case sides. Glass fills the space between the door styles and rails. Assuming 25% waste, the project only uses 10 board feet of $\frac{3}{4}$ " wood.

Plans



Cut List

Key	Qty	Description	T	W	L	Notes
A	2	Case top & btm	$\frac{3}{4}$	$7\frac{3}{4}$	$17\frac{1}{2}$	Dovetail pins on the edges, housed rabbet in the back for the back pieces, $7\frac{3}{4}$ " at mid-point, 7" at the sides. Top and bottom should slightly overhang doors when they're closed. Front and side edges rounded over and the dovetails from the sides are recessed into this round-over.
B	2	Case sides	$\frac{3}{4}$	6	26	Dovetails on the top and bottom, housed rabbet in the back for the back pieces, mortise for french cleat in the back, 95 degree bevel on front faces, holes (or some other mechanism) to support shelves.
C	2	Door outer stiles	$\frac{3}{4}$	$1\frac{1}{2}$	$24\frac{1}{2}$	Through mortises for door rails, rabbet for glass.
D	2	Top door rails	$\frac{3}{4}$	$1\frac{1}{2}$	7	Dimensions do not include $1\frac{1}{2}$ " through tenon on outer side of rail. Through mortise in inner side of rail for the door inner stile, rabbet for glass.
E	2	Bottom door rails	$\frac{3}{4}$	2	7	Dimensions do not include $1\frac{1}{2}$ " through tenon on outer side of rail. Through mortise in inner side of rail for the door inner stile, rabbet for glass.
F	2	Door inner stiles	$\frac{3}{4}$	$1\frac{1}{4}$	21	Dimensions do not include through tenons on both sides of stile ($1\frac{1}{2}$ " on the top and 2" on the bottom), rabbet for glass.
G	3	Back pieces	$\frac{1}{2}$	6	$25\frac{1}{2}$	Tongue and groove joints join boards into a panel.
H	1	French cleat	$\frac{3}{4}$	2	$15\frac{1}{2}$	Dimensions do not include tenons that fit into mortises in the sides. Inside bottom edge bevelled.
J	3	Shelves	$\frac{3}{8}$	$5\frac{1}{2}$	$15\frac{1}{2}$	$5\frac{1}{2}$ " at mid-point, $4\frac{3}{4}$ " at sides.
K	2	Door knobs	$\frac{1}{2}$	$\frac{3}{4}$	1	Carved knobs.
L	2	Door glass	$\frac{1}{8}$	$6\frac{1}{4}$	$21\frac{1}{2}$	Fit into rabbets on the inside of door stiles and rails.

All dimensions are in inches. Door knobs (K) and glass (L) not labelled in plans.

Tools Used

Construction Notes

Notes

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