

Popular Mechanics

PLANS

SHAKER CABINET

JUNE 2015

DEPARTMENT OF CONSTRUCTION

OUR SHAKER CABINET consists of 10 separate drawings, each meticulously rendered as a pdf that you can print out on an 8-1/2 x 11 sheet of paper or view on your computer. We think this treatment has made the cabinet as easy to build as possible. The project was designed by Neal Barrett, a long-time PM contributor and one of the nation's best furniture makers. Neal's design is accessible to the small-shop craftsman who has a benchtop planer, small table saw, router and hand tools. Traditional details like a flat panel door have been used throughout.

The plans have been prepared for us by illustrator George Retseck, another longtime contributor and an artist who is well experienced drawing our furniture projects. Study George's plans and you'll find that he has selected elevation and plan views so that everything is easy to understand. All joints, center lines, and clearances are clearly labeled. Nothing is left for you to interpret or guess.

We hope you enjoy building the Shaker cabinet. Send us a picture of your finished project, we'd like to see it.

The Editors
Popular Mechanics

MATERIAL LIST

Part Name	Pieces	Dimension
Top/Bottom	2	3/4" x 6 1/2" x 19"
Side	2	3/4" x 5 1/4" x 18 1/2"
Cabinet Stile	2	3/4" x 3" x 18-1/2"
Door stile	2	3/4" x 2" x 18 3/8"
Door rail	2	3/4" x 3" 9 7/8"
Door panel	1	1/4" x 8 3/4" x 13 1/2"
Back panel	1	1/2" x 17 1/2" x 23 3/4"
Shelf	2	3/4" x 5 1/2" x 17"

HARDWARE

Knob	1	Part 104KW49
Hinge	2	Part 206 H5

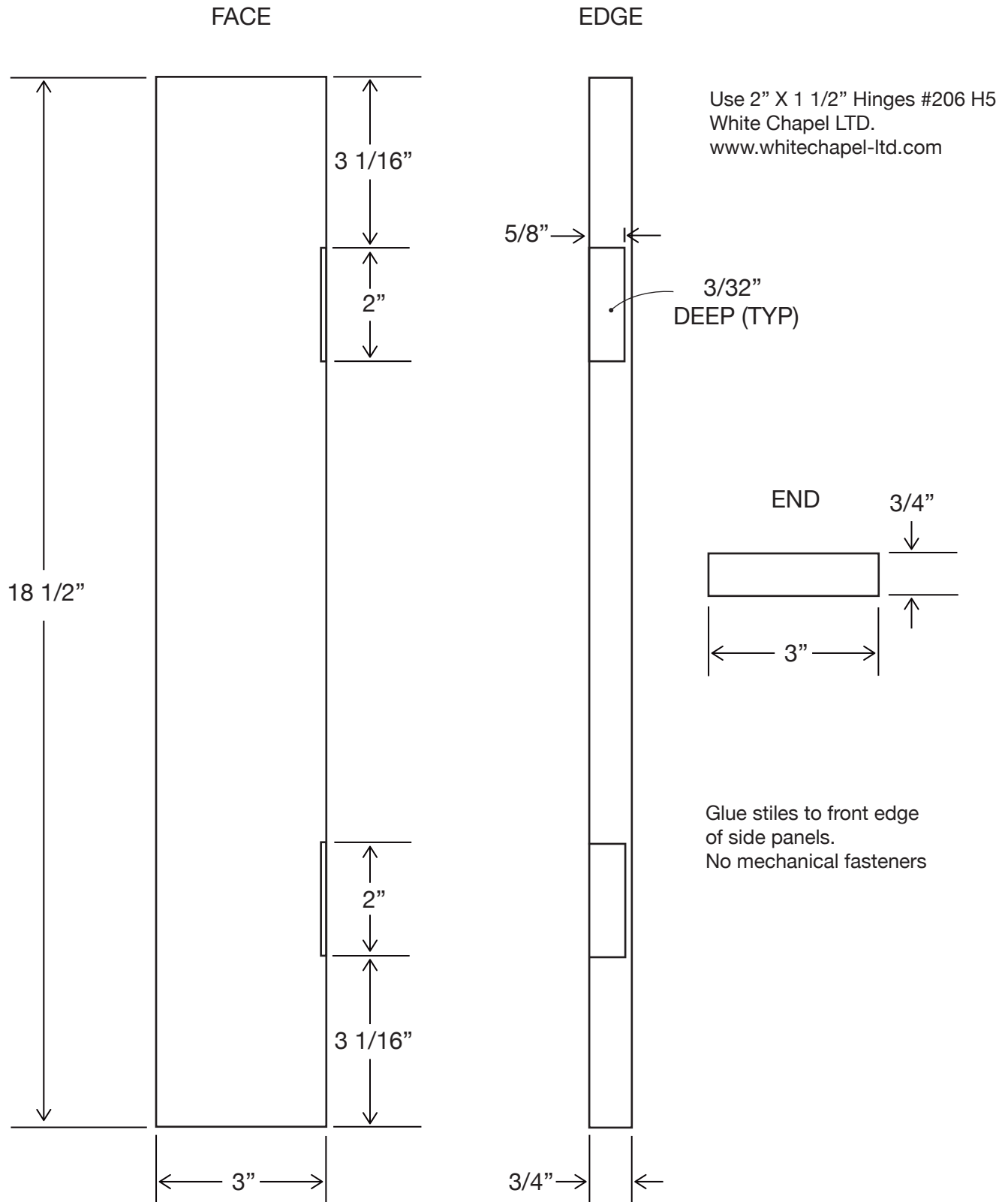
Knob and hinges available from whitechapel-ltd.com

Construction Notes

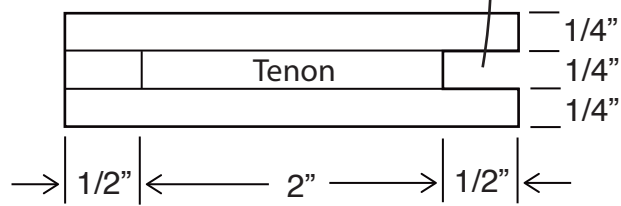
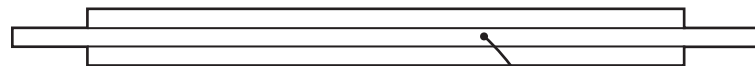
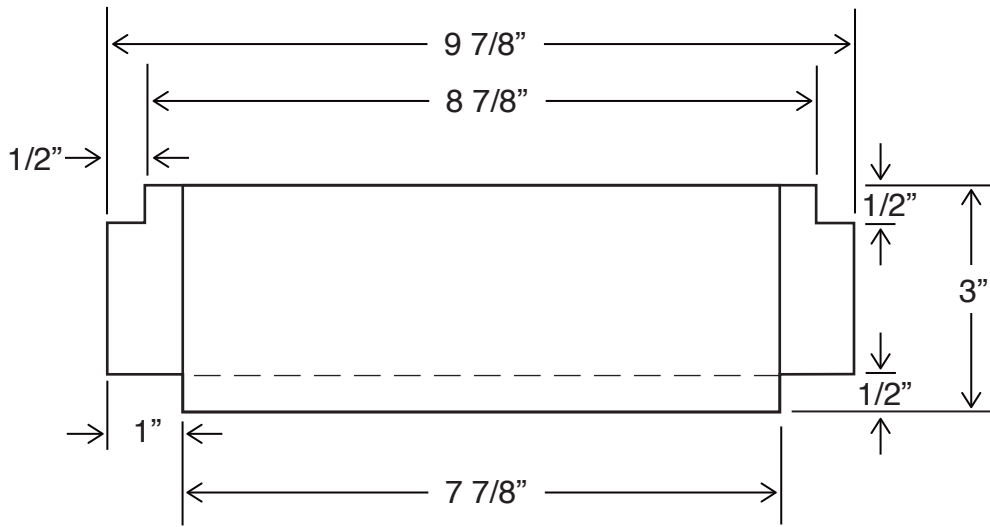
- All gaps are 1/16": around door, between door panel and panel groove, and at bottom of door rail mortises.
- Cut shelf dados across sides from front edge to back edge and then clean up any tear out by making rabbet on back edge.
- Cut hinge mortise in cabinet stile, install hinge then scribe hinge position on door stile.

CABINET STILE

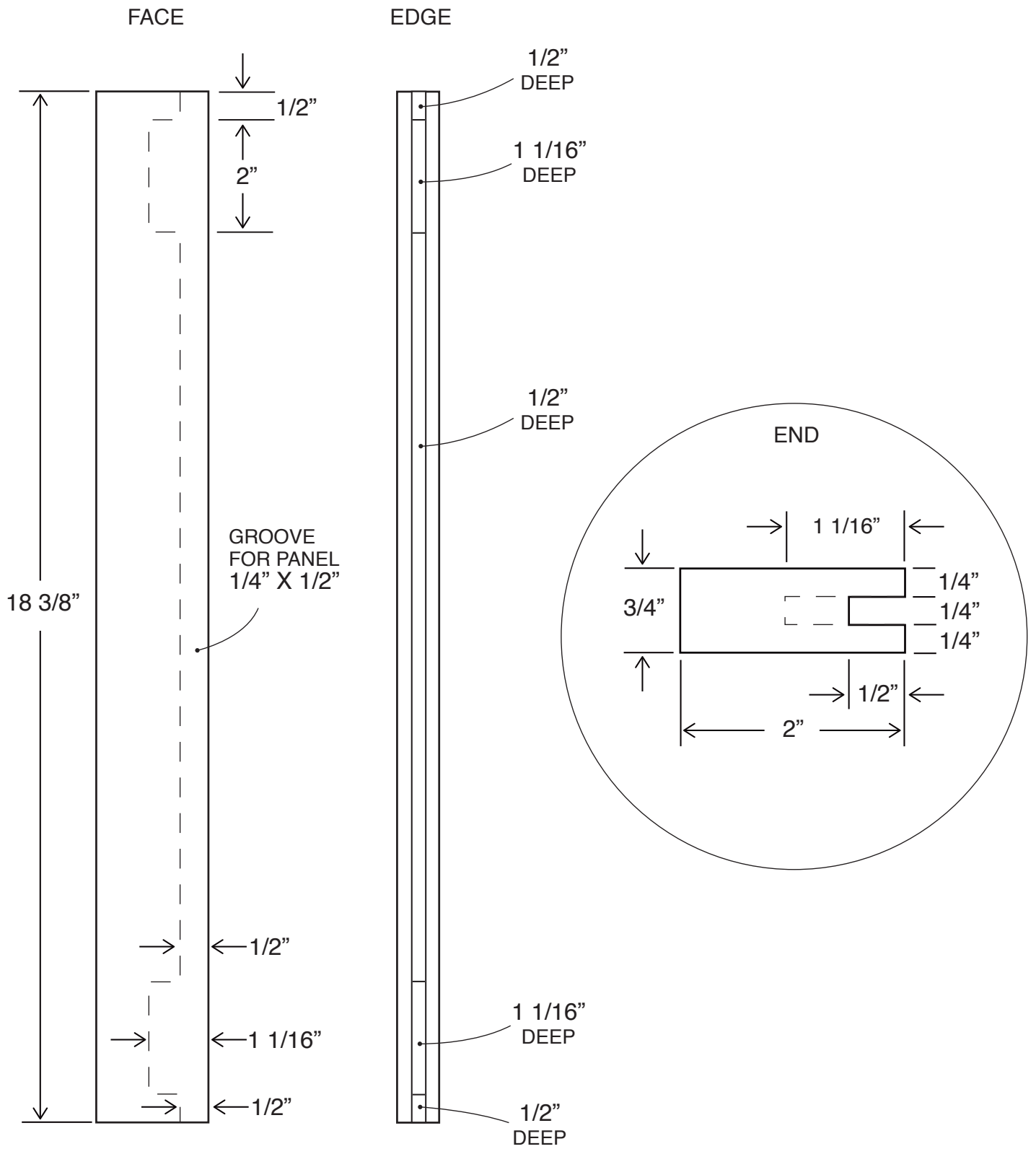
SHAKER CABINET



DOOR RAIL



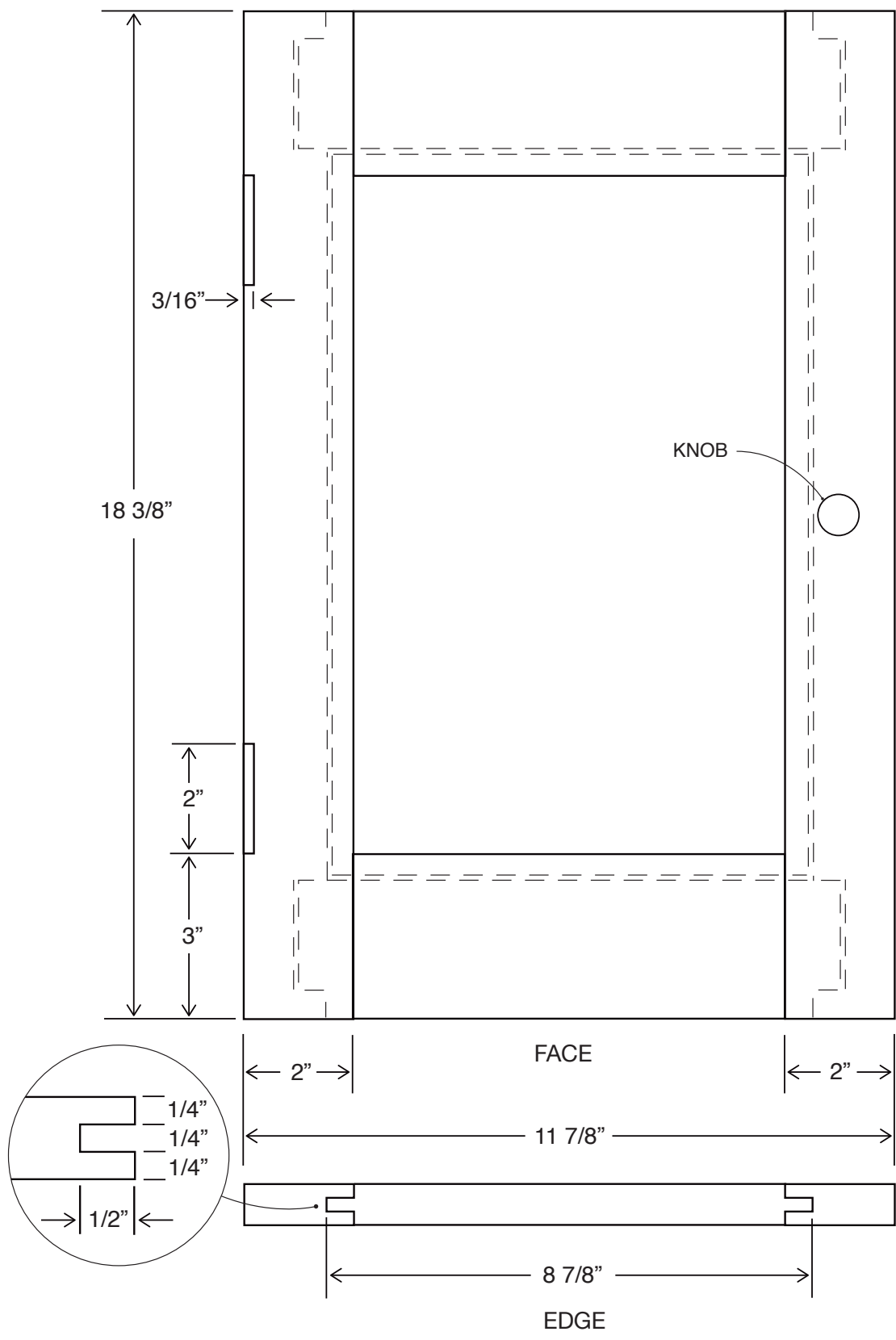
DOOR STILE



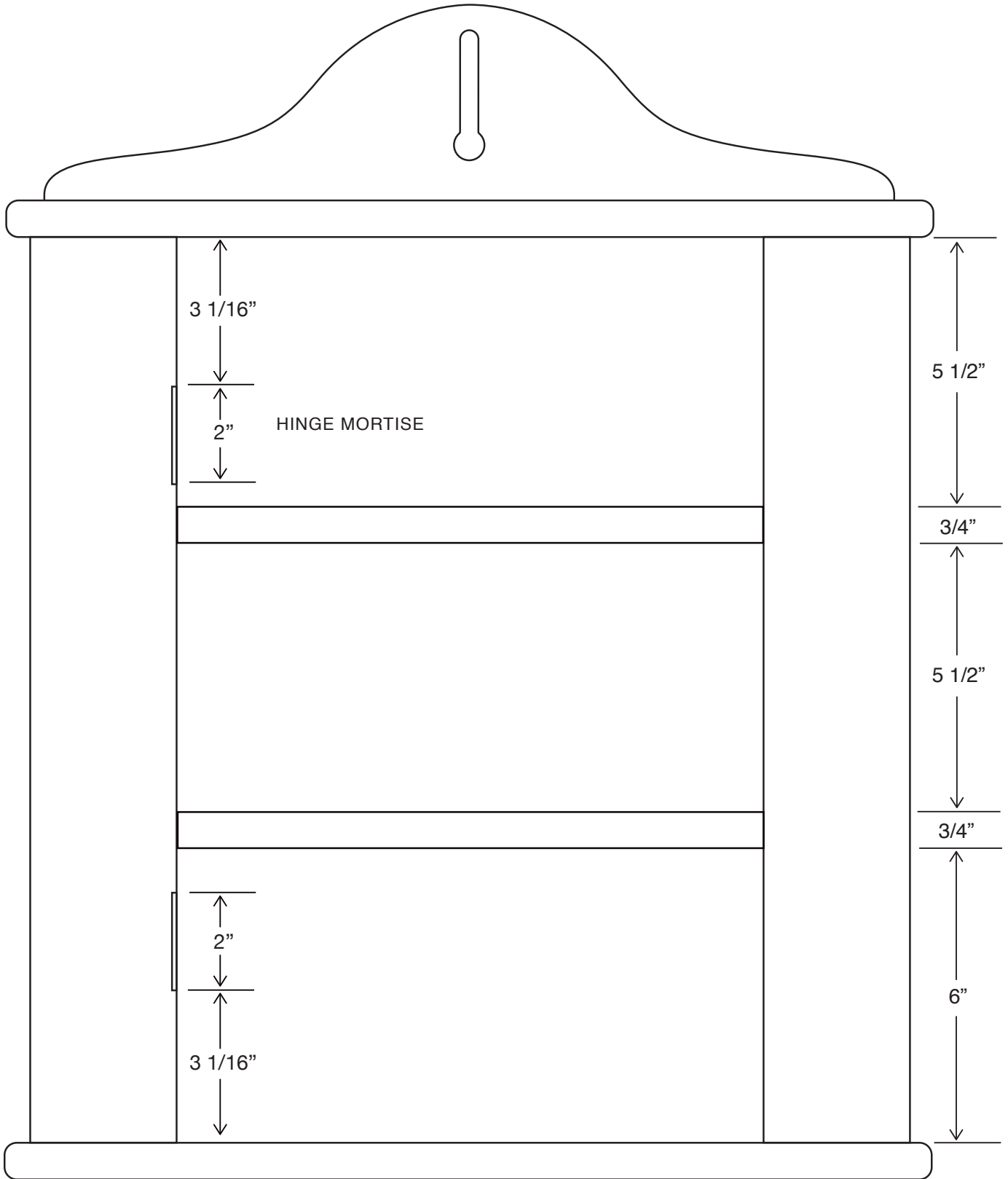
DOOR

PLANS

SHAKER CABINET

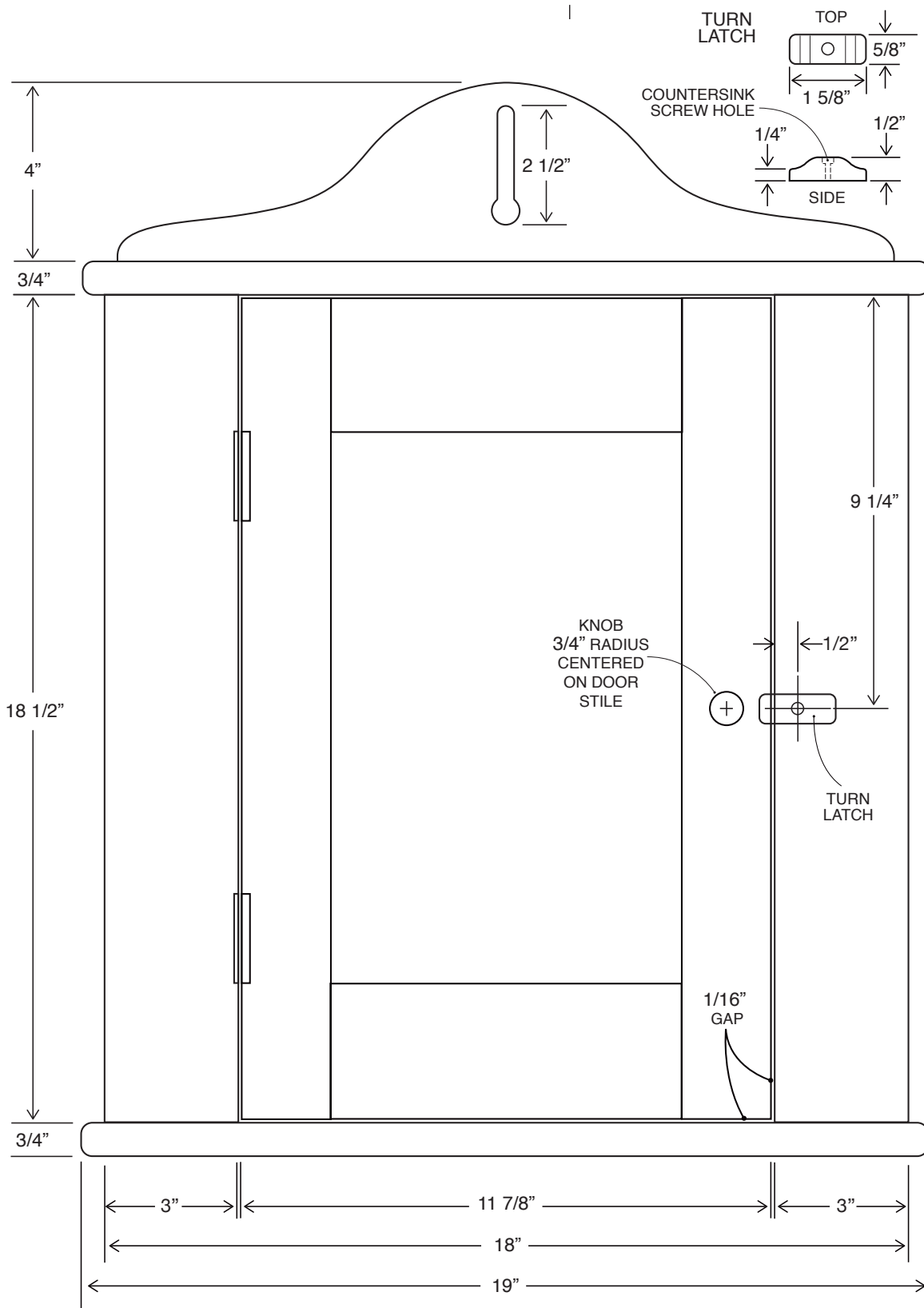


SHELF POSITION

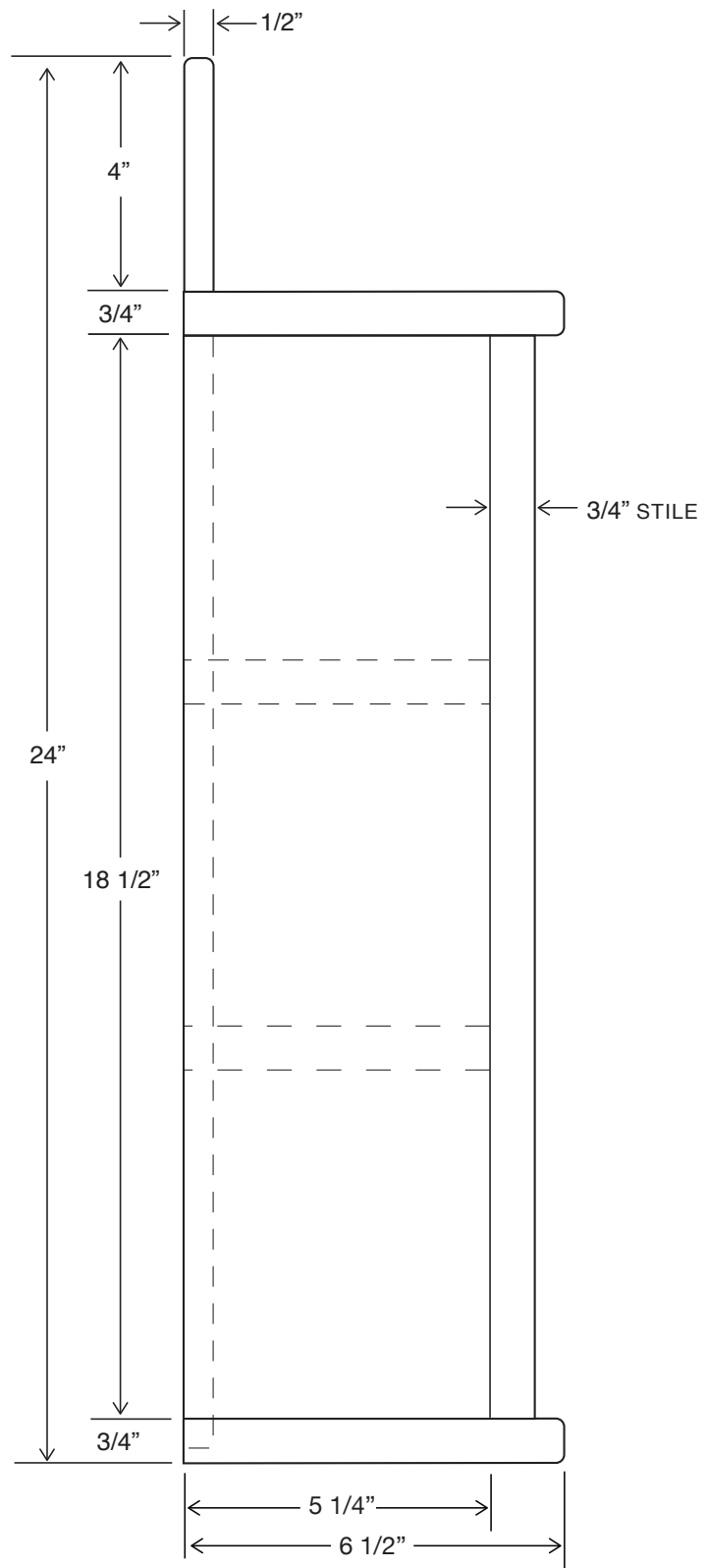


FRONT ELEVATION

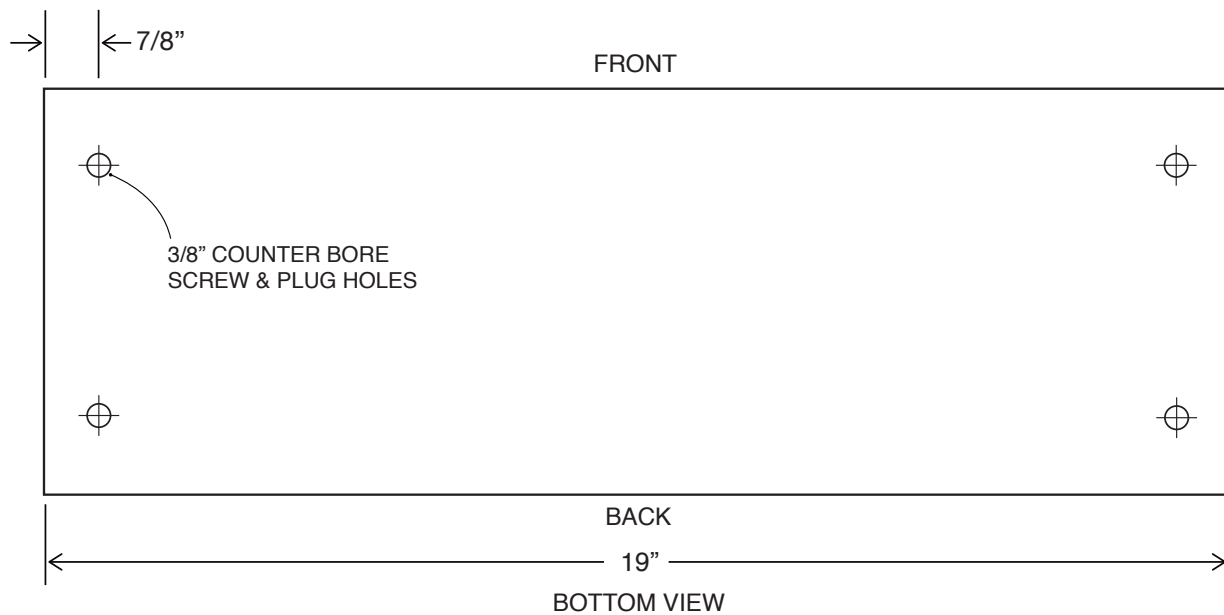
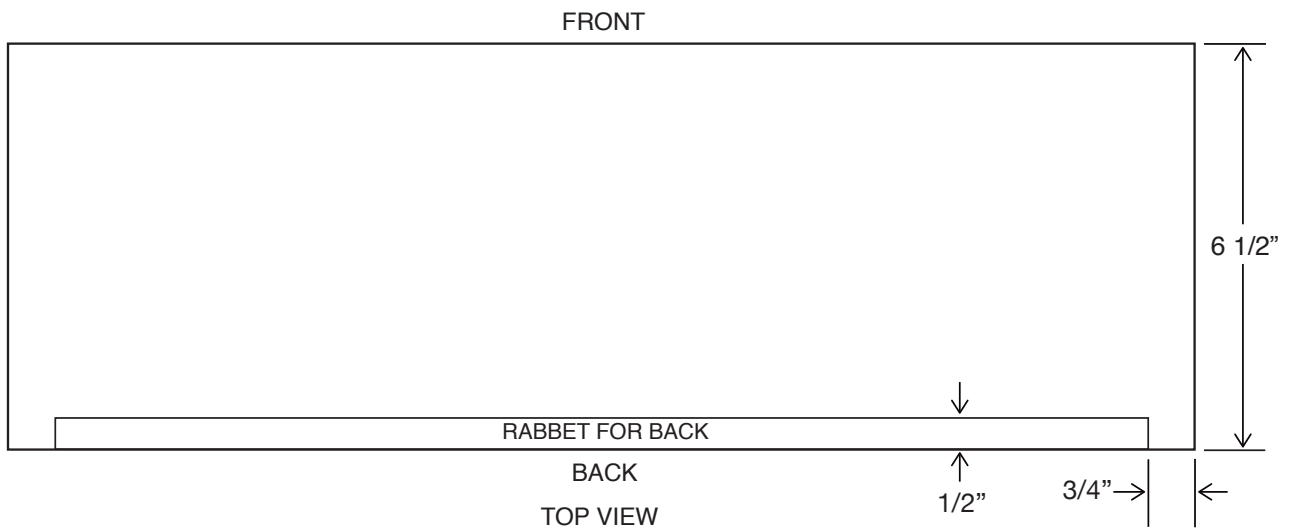
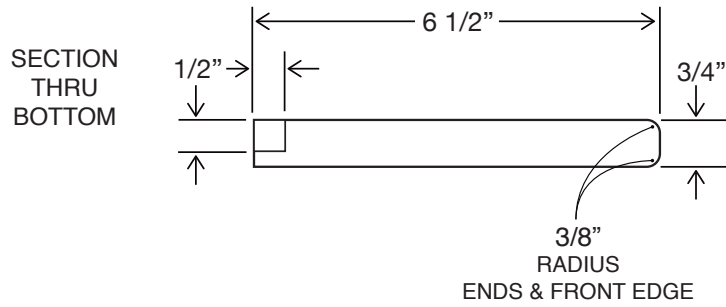
SHAKER CABINET



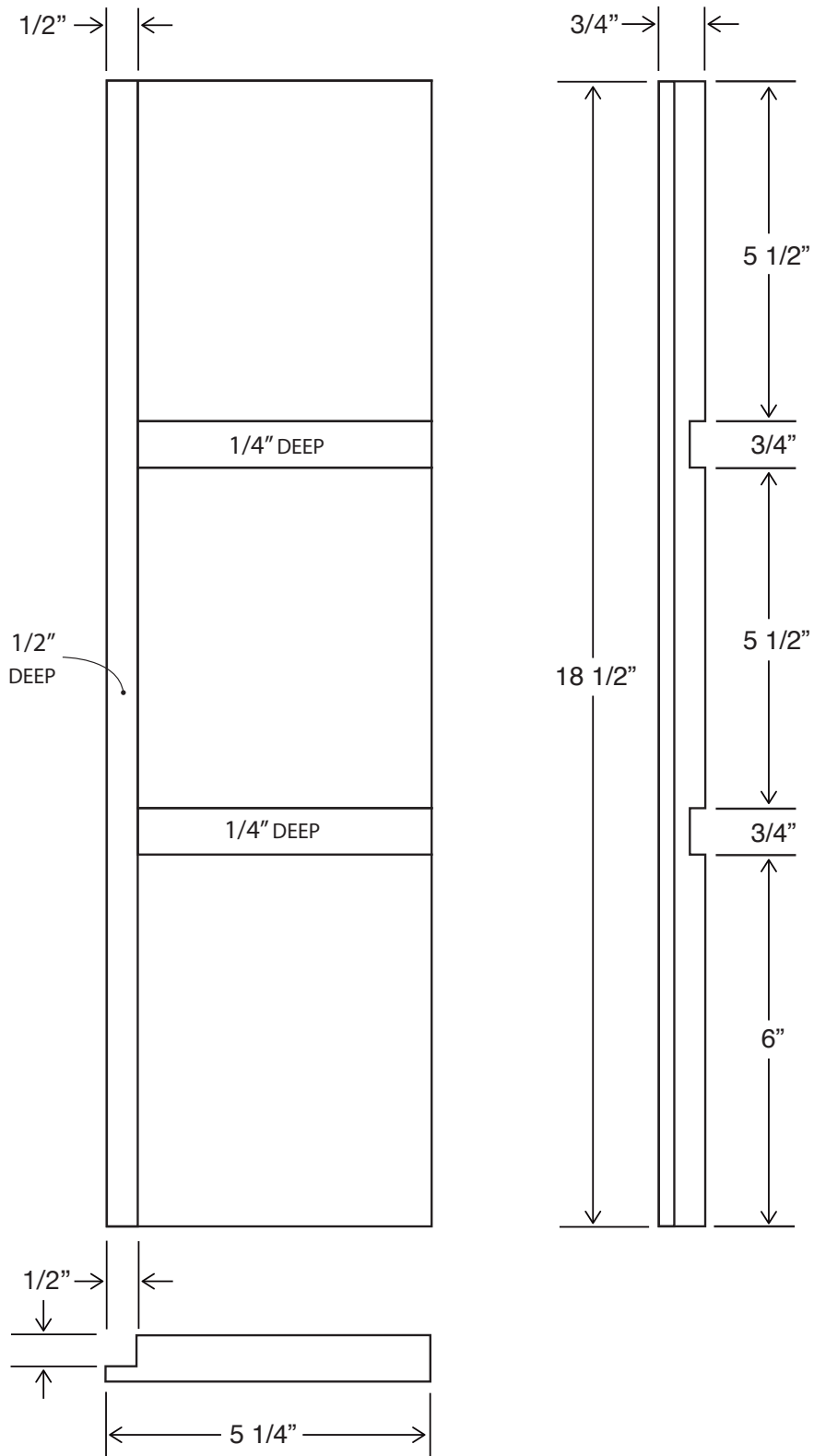
SIDE VIEW



BOTTOM PANEL



SIDE PANEL



TOP PANEL

SHAKER CABINET

