Top Trim Assembly Detail
(Section View)

1/2" 3/16" 1/4" 1/4" (14) (13) 1 1/2"
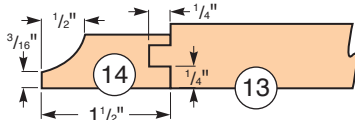
Leg-and-Panel Assembly Detail
(Top View)

(8) 1/2" (1) 1/4" (6) (1)

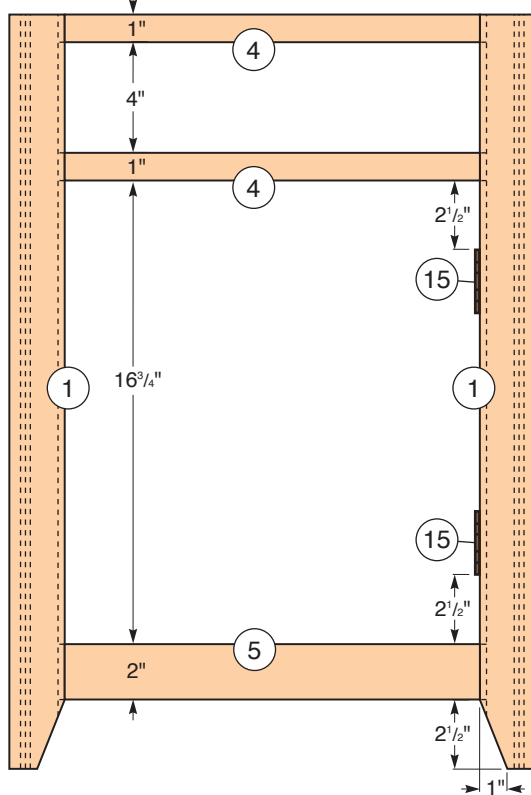**Note:** The grooves to accept the back panel are 1/2" wide. The tongues and grooves on the rails which capture the back panel also must match the 1/2" dimension. The remaining groove and tongues are formed at 1/4".

(2) 1/4" 1/4"

(1) (1) 5/8" (8)
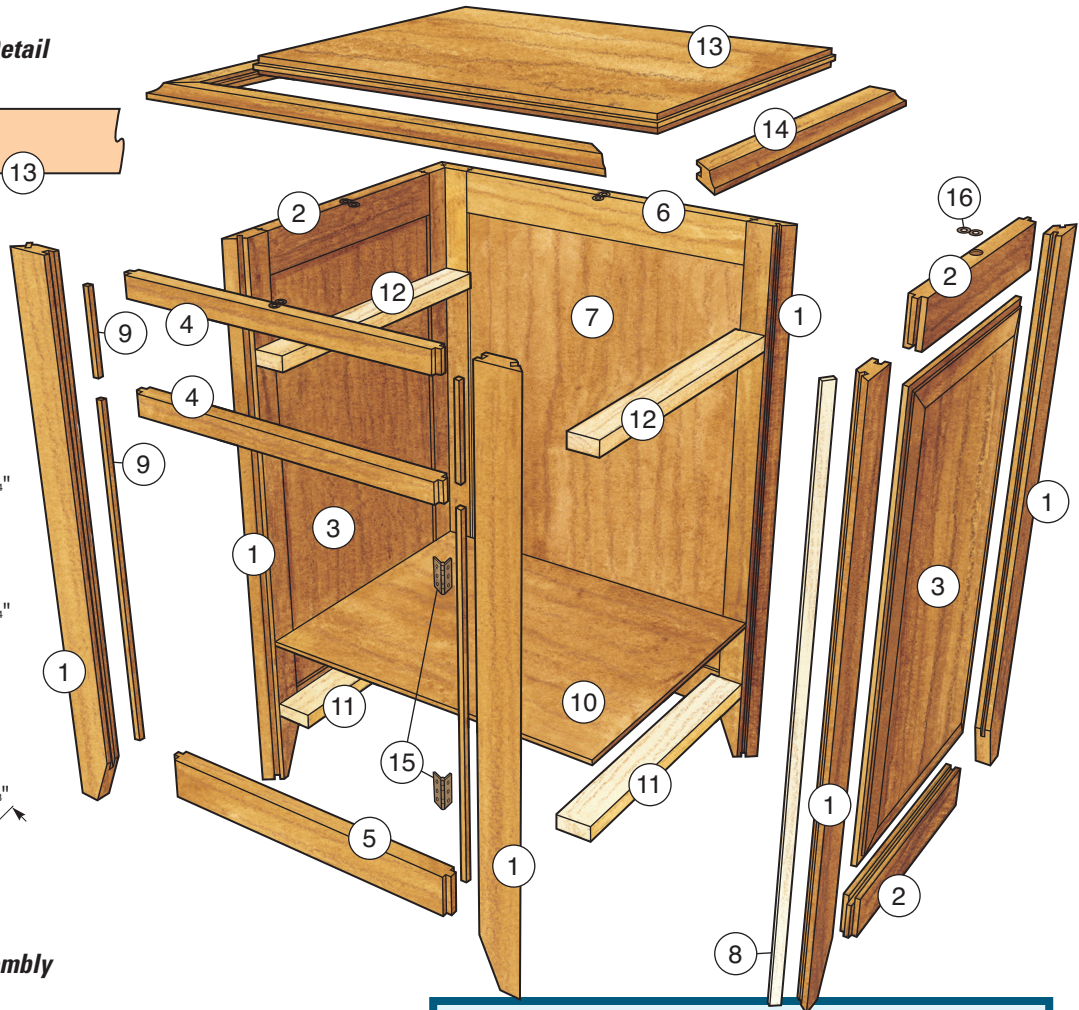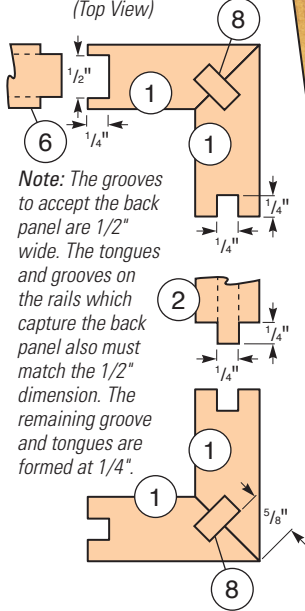
Leg and Rail Assembly
(Front View)

1" (4) 4" 1" (4) 2 1/2" (15) (1) 16 3/4" (1) (15) 2 1/2" (5) 2" 2 1/2" 1"

MATERIAL LIST (Carcass)

	T x W x L
1 Leg Blanks (8)	3/4" x 2" x 27 1/4"
2 Top and Bottom Side Rails (4)	3/4" x 2" x 12"
3 Side Panels (2)	1/2" x 12" x 21 1/4"
4 Front Upper Rails (2)	3/4" x 1" x 15 1/2"
5 Front Lower Rail (1)	3/4" x 2" x 15 1/2"
6 Back Top and Bottom Rails (2)	3/4" x 2" x 15 1/2"
7 Back Panel (1)	1/2" x 15 1/2" x 21 1/4"
8 Corner Splines (1)	1/4" x 1/2" x 108" min.
9 Front Leg Filler Strips (1)	1/4" x 1/4" x 50" min.
10 Bottom (1)	1/4" x 14" x 17 1/2"
11 Bottom Cleats (2)	3/4" x 1 3/4" x 14"
12 Drawer Cleats (2)	3/4" x 1 1/2" x 14"
13 Top Panel (1)	3/4" x 14 3/4" x 19"
14 Top Trim Molding (1)	5/8" x 1 1/2" x 54" min.
15 Hinges (2)	1 3/8" x 2 1/2"
16 Desk Top Fasteners (4)	11/16" x 1 3/16"

Raised Panel
(Side View)

1 3/8" 5/16" 1/8" 1/4" (3)

18

20

21

22

19

17

17

17

18

Door Exploded View

Door Frame Assembly
(Front View)

18

$2^{3}/_{4}$"

$2^{1}/_{2}$"

22

15

Attach the door pull and the door catch at the same level. Offsetting them can cause torque when opening and closing the door which creates stress on the joinery.

17

17

19

15

$2^{1}/_{2}$"

18

Door Frame Spine Detail
(Side View)

$^{1}/_{2}$"

$^{3}/_{4}$"

17 **18**

$^{1}/_{8}$"

$1^{1}/_{2}$"
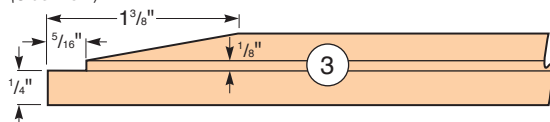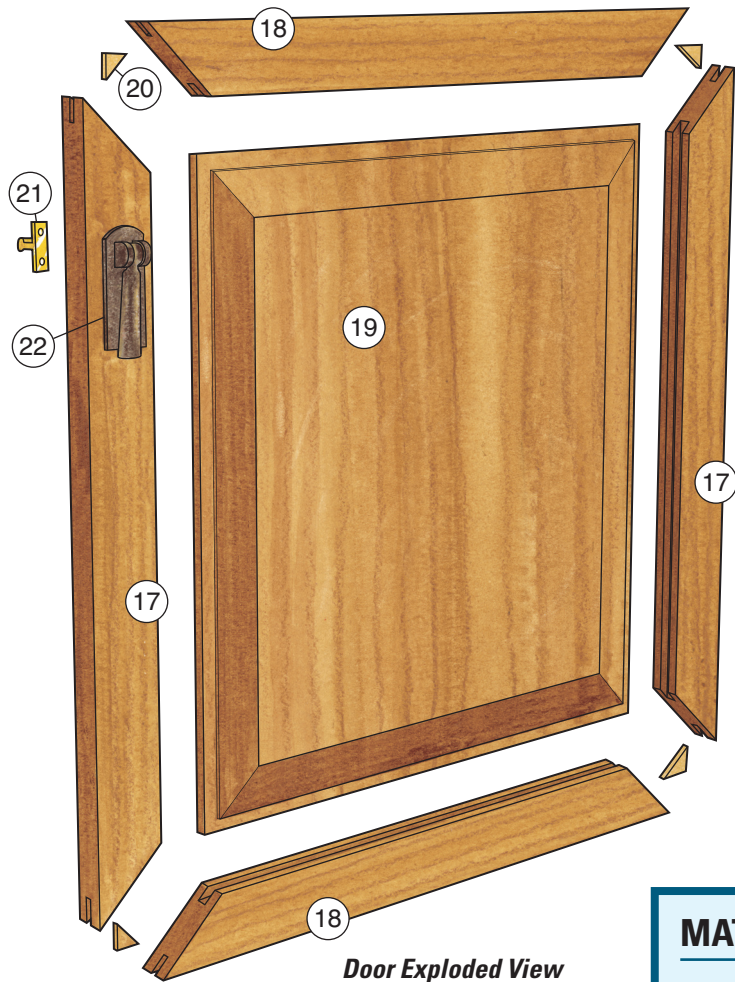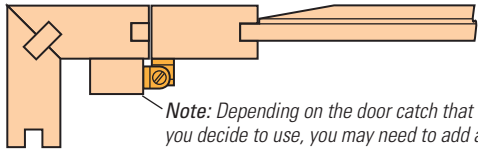
Door Catch Mounting Detail
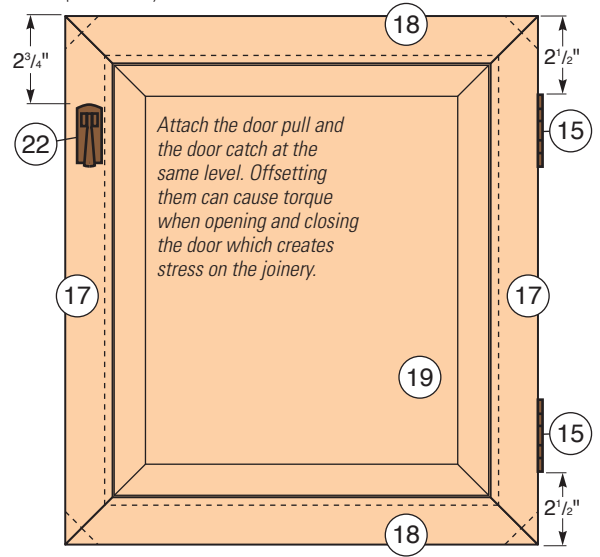*(Top View)*

Note: Depending on the door catch that you decide to use, you may need to add a mounting block as shown in this drawing.
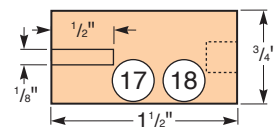
MATERIAL LIST (Door)

		T x W x L
17	Door Stiles (2)	3/4" x 1½" x 16¾"
18	Door Rails (2)	3/4" x 1½" x 15"
19	Door Panel (1)	1/2" x 12½" x 14¼"
20	Door Splines (4)	1/8" x 3/4" x 1¾"
21	Door Ball Catch (1)	Brass
22	Door Pull (1)	Copper

Drawer Exploded View

Box Joint Layout Detail
(Side View)

1/2"
3/4"
24
23
1/2"
1/4"
3/8"
1/4"

24

25

27

23

26

24
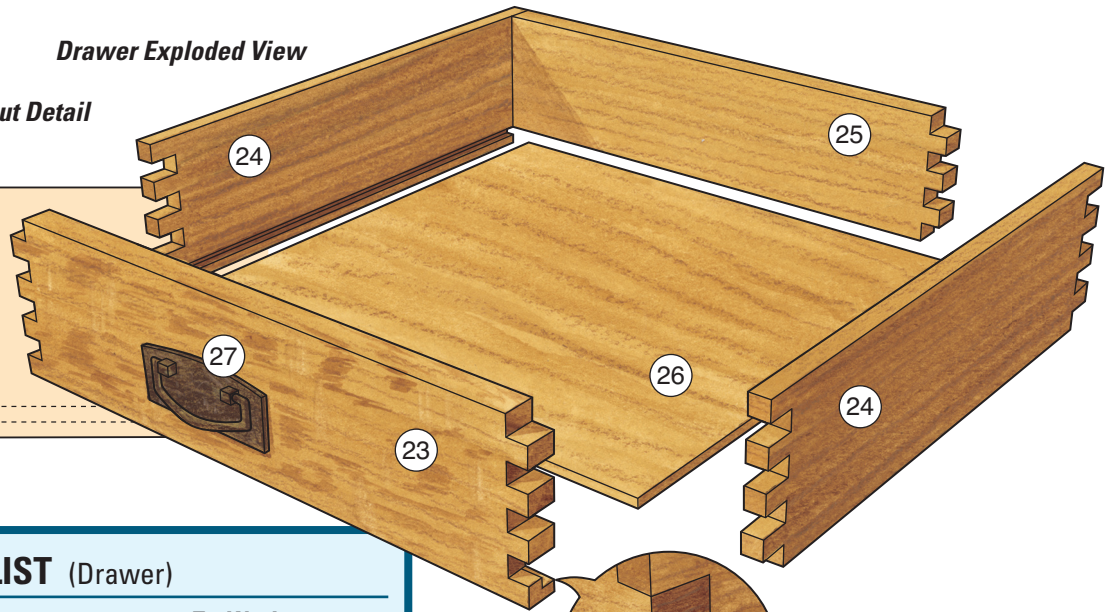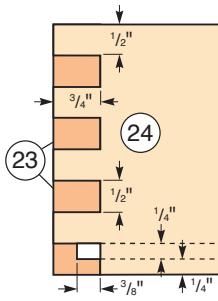
MATERIAL LIST (Drawer)

		T x W x L
23	Drawer Face (1)	3/4" x 4" x 15"
24	Drawer Sides (2)	1/2" x 4" x 14¾"
25	Drawer Back (1)	3/4" x 3½" x 15"
26	Drawer Bottom (1)	1/4" x 14½" x 14⅛"
27	Drawer Pull (1)	Rockler #26740
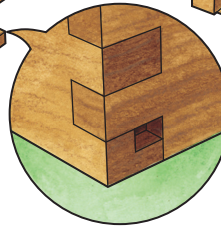
Groove Detail
Not stopping the groove for the drawer bottom means that an odd small notch is formed into the box joint shown here. Hide it by gluing a small piece of wood into the opening. Or rout these grooves instead, and stop the cuts.