These diagrams are intended to supplement the project instructions found here:

projectbilld.com/blog/shaker-style-base-cabinets

Contents

OVERVIEW

Front View

24

$34\frac{1}{2}$

21

Side View

$30\frac{1}{4}$

$\frac{3}{4}$

$3\frac{1}{2}$
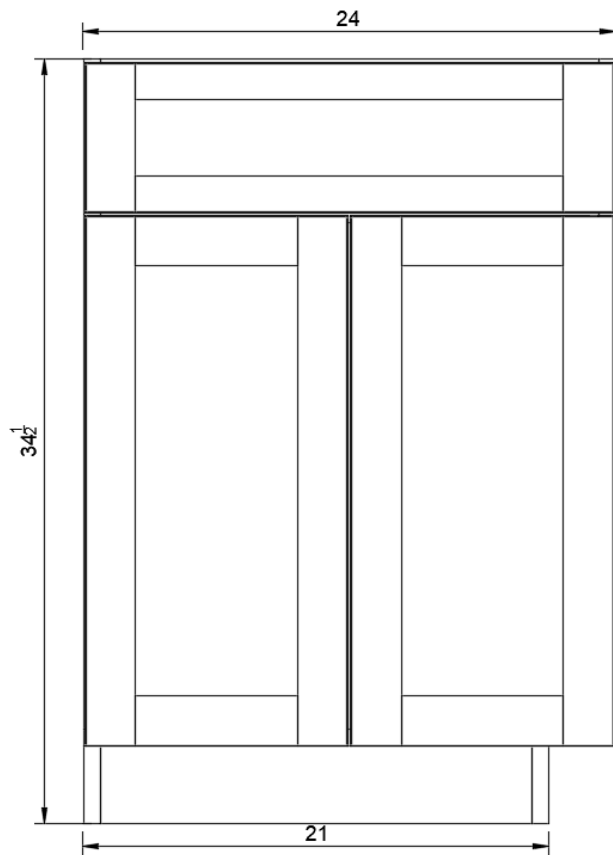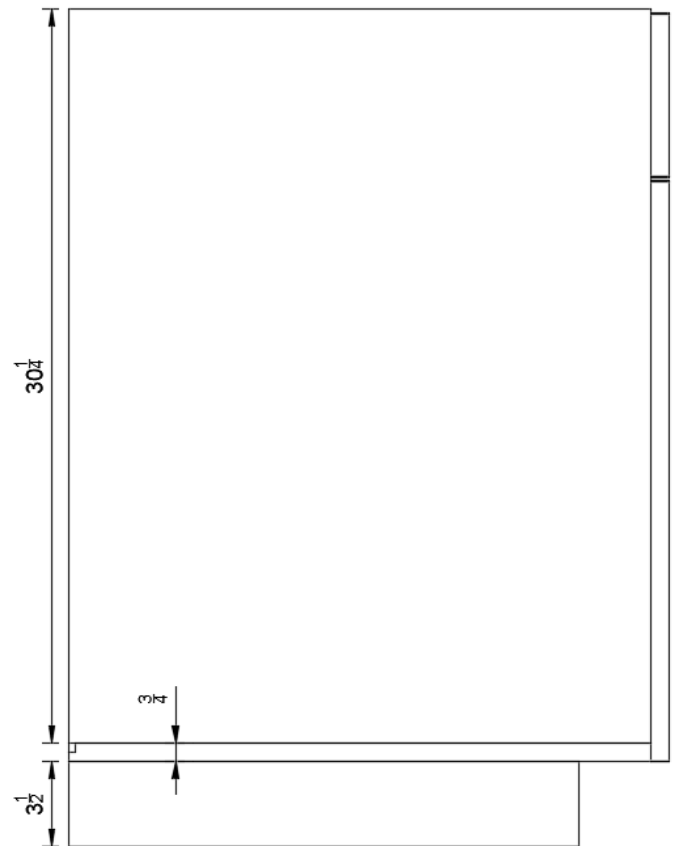
## Project Notes

- These diagrams are for a right end cabinet.
  - For a left end cabinet, flip the outside trim and base to the opposite of the cabinet.
  - For a non-end cabinet, extend the base the full width of the cabinet box and leave the outside trim off
- This is for a cabinet with a width of 24 inches. Modify the width (and any corresponding measurements) as needed, but the depth and height measurements shouldn't need to change.
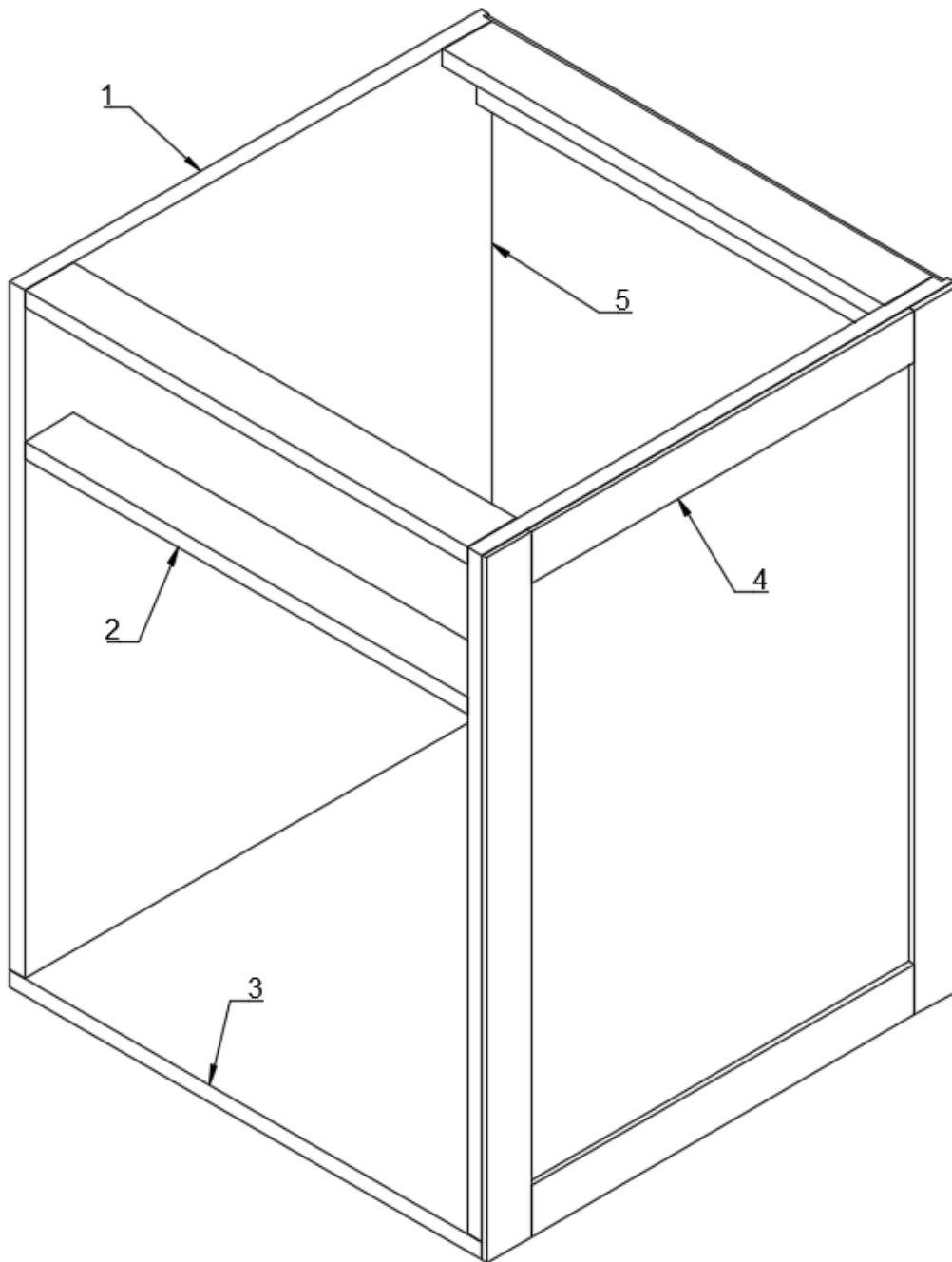
CABINET BASE

Top View

Width: $19\frac{1}{2}$

Depth: 21

Front View

Height: $3\frac{1}{2}$
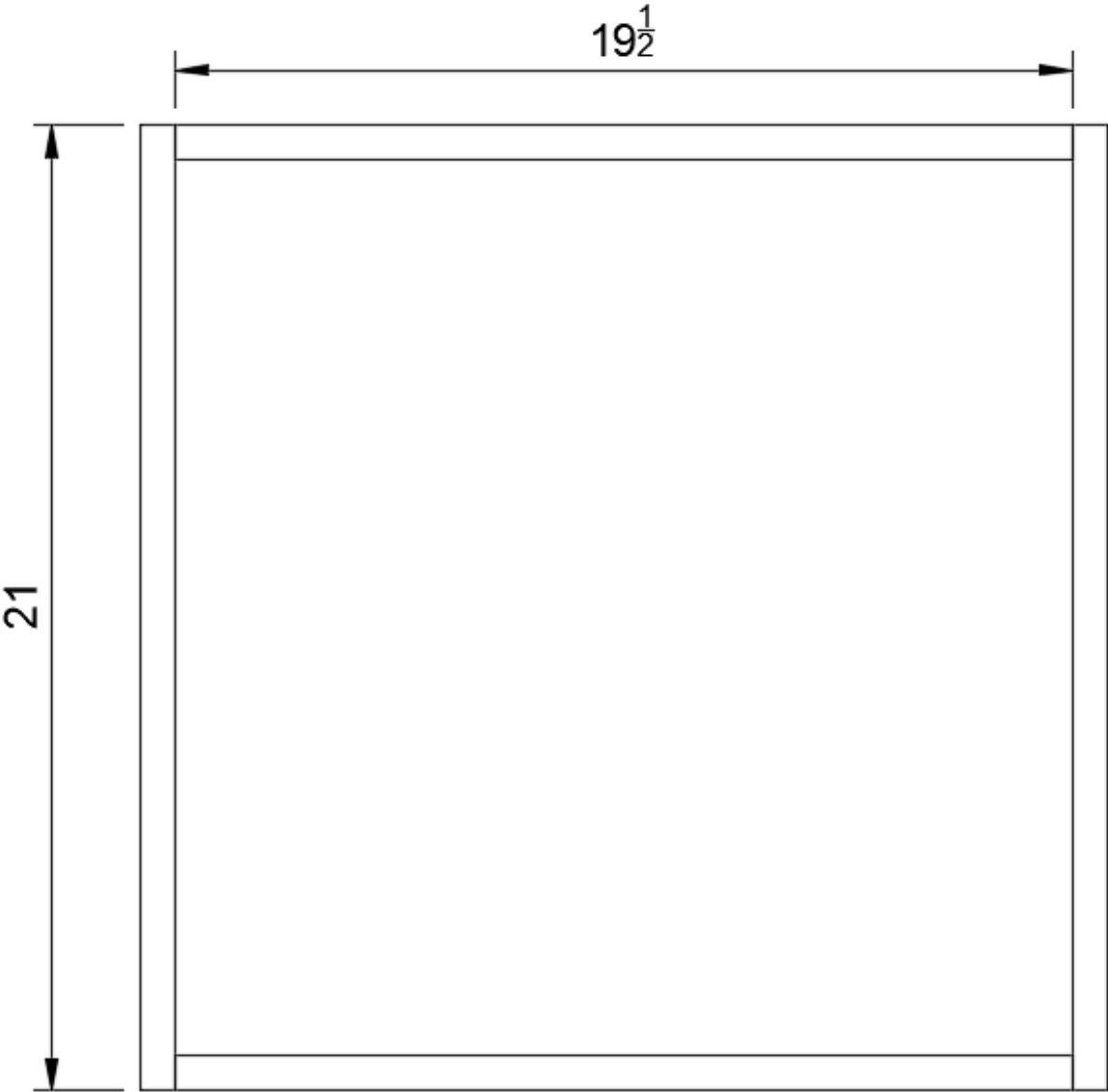
CABINET BODY

Parts List

ITEM	QTY	DESCRIPTION	DIMENSIONS (IN)
1	2	Side Panels	30 ¼ x 24 x ¾
2	4	Stretchers	22 ½ x 2 ½ x ¾
3	1	Base Plate	24 x 24 x ¾
4	4	Outside Trim (only for end cabinets)	See Outside Trim View
5	1	Back Panel	30 ½ x 23 ¼ x ¼

$23\frac{5}{8}$ from bottom of base plate to bottom edge of stretcher puts the mid-point of the stretcher at 24 from the bottom of the base plate

$23\frac{5}{8}$

$19\frac{1}{2}$

$2\frac{1}{4}$

31

The $\frac{1}{4}$ thick trim is for end cabinets only

Back Panel View

The shaded areas are the groove cut for the back panel. They are $\frac{1}{4}$ deep (same as back panel plywood) and $\frac{3}{8}$ wide. They are on the back inside edges of the side panels and the back top edge of base plate.

$\frac{3}{8}$
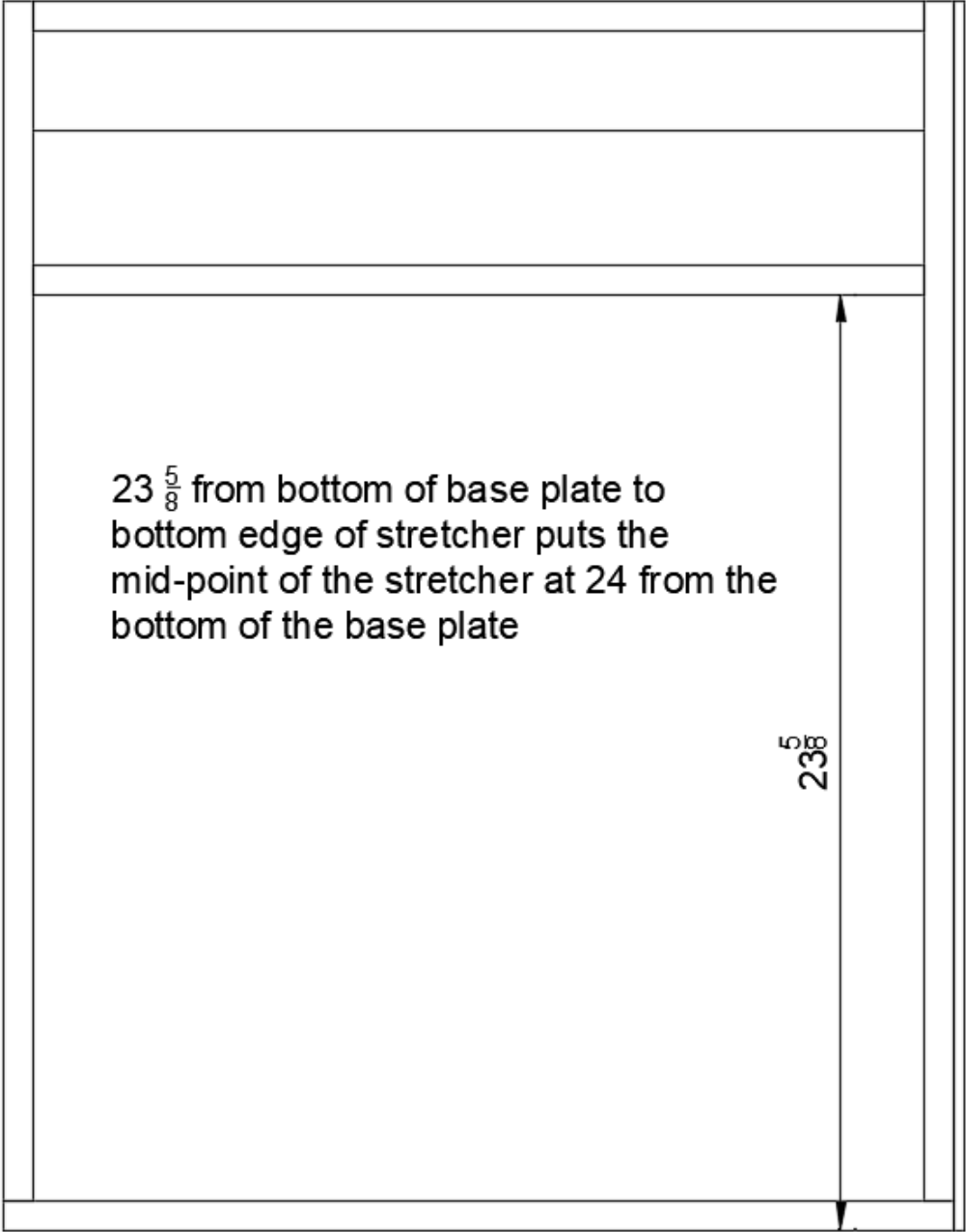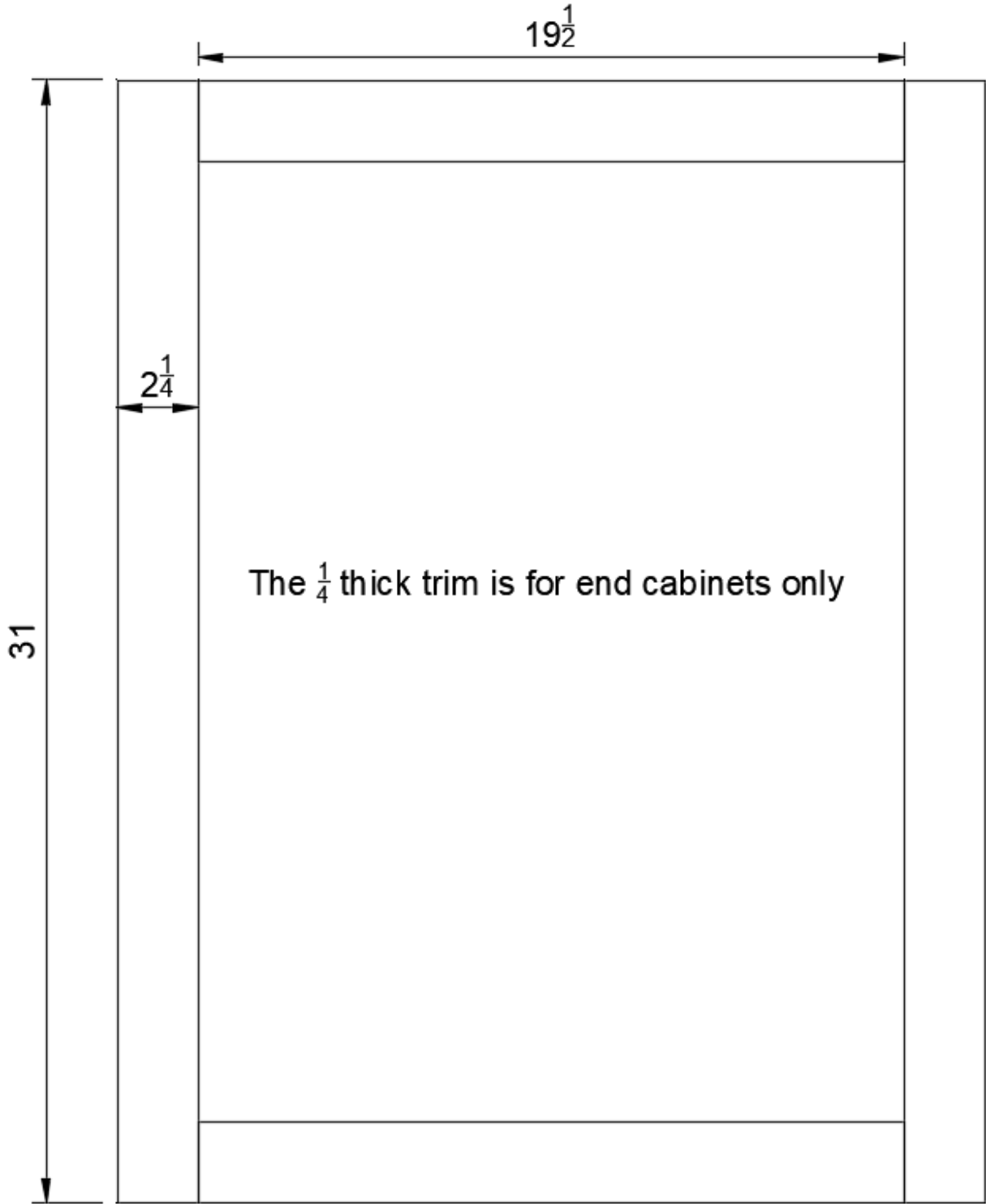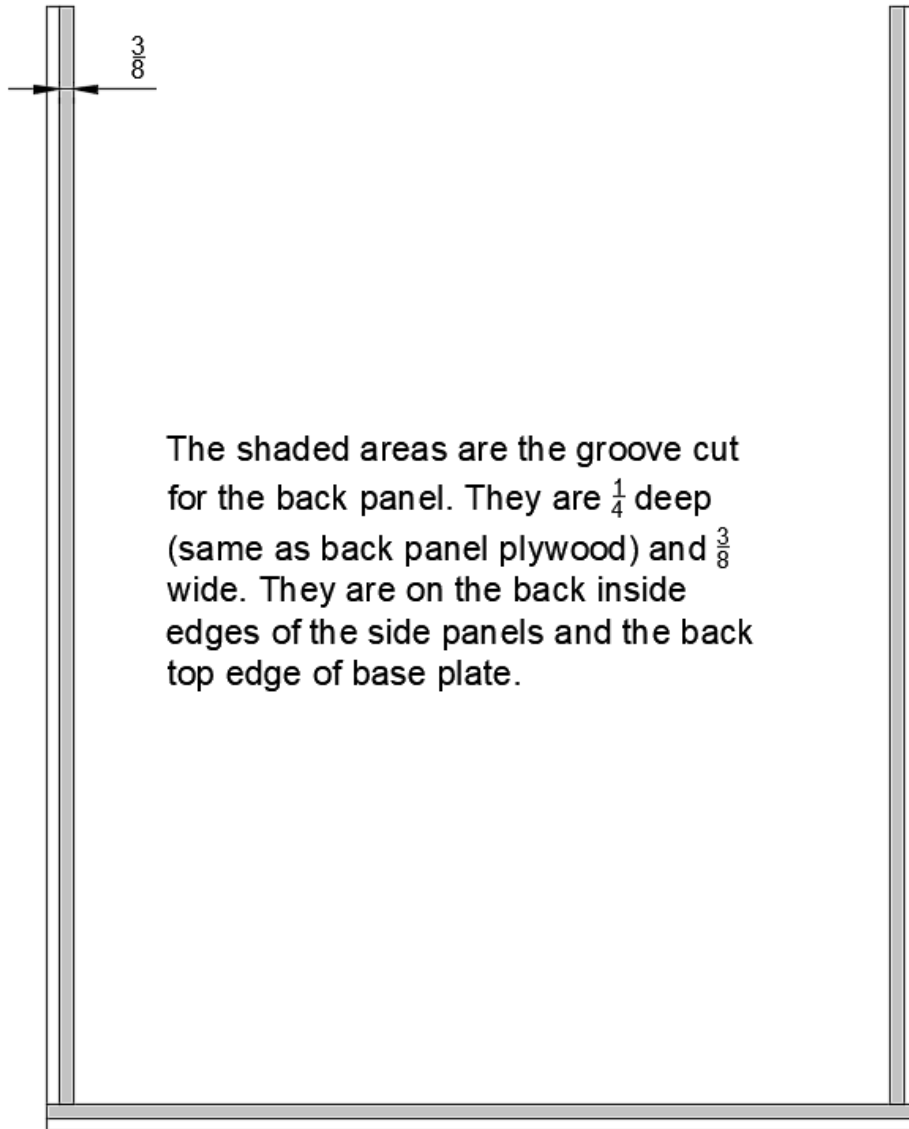
CABINET DRAWER

Parts List
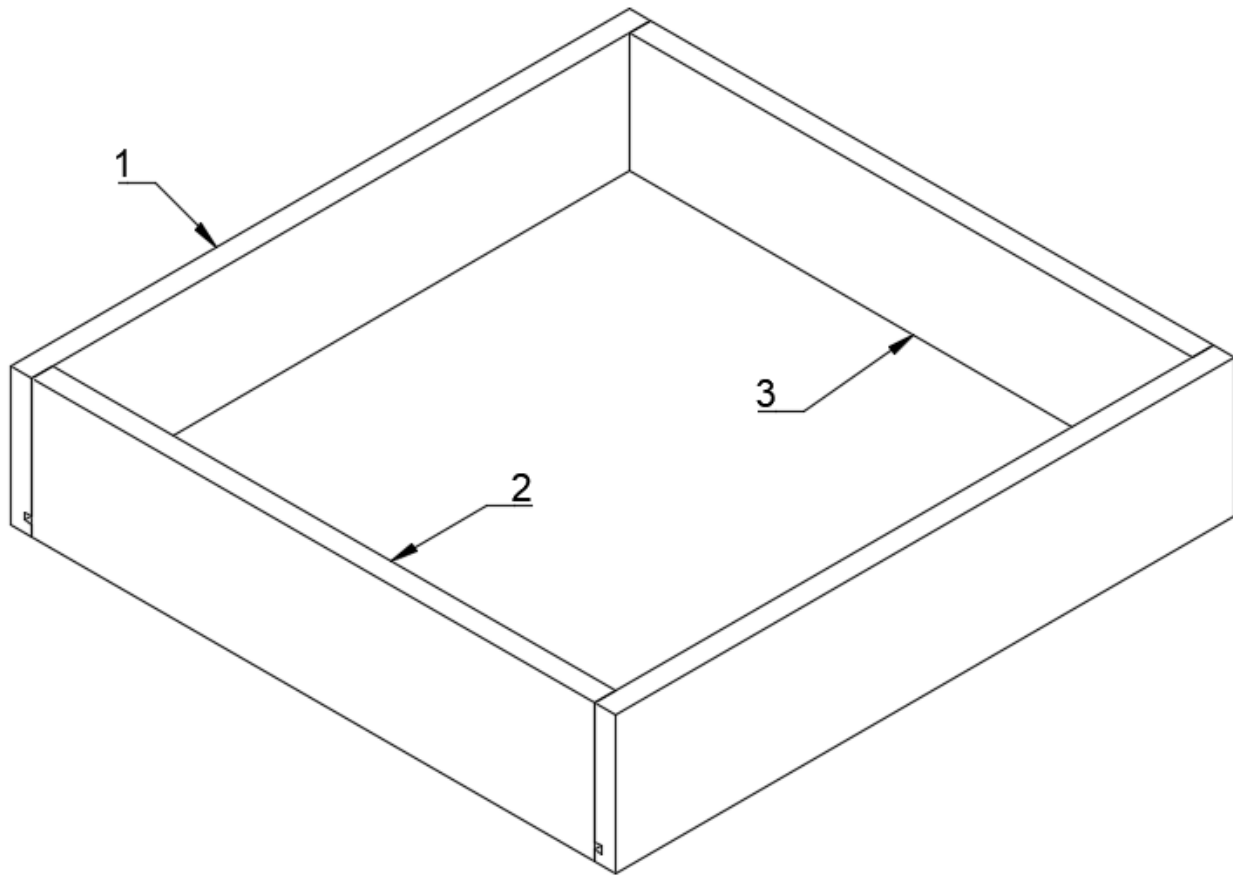
ITEM	QTY	DESCRIPTION	DIMENSIONS (IN)
1	2	Drawer Sides	22 x 4 ⅞ x ¾
2	2	Drawer Front/Back	20 x 4 ⅞ x ¾
3	1	Drawer Bottom	20 $^{15}/_{16}$ x 20 $^{7}/_{16}$ x ¼

*Drawer bottom size equal to drawer inside distance + ($^{7}/_{16}$) to both width and length.

Drawer Sides View

$\frac{1}{4}$

$\frac{3}{8}$

The shaded area is a $\frac{1}{4}$ deep groove cut for the drawer bottom panel
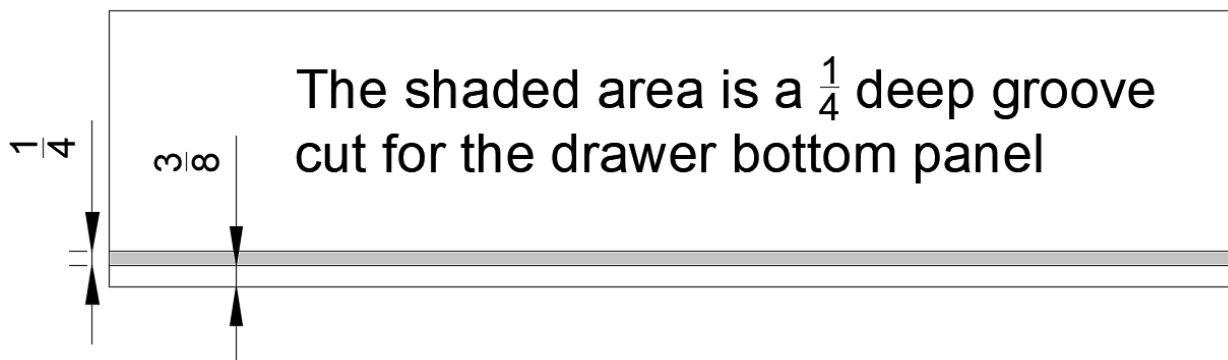
CABINET DOORS

Parts Lists
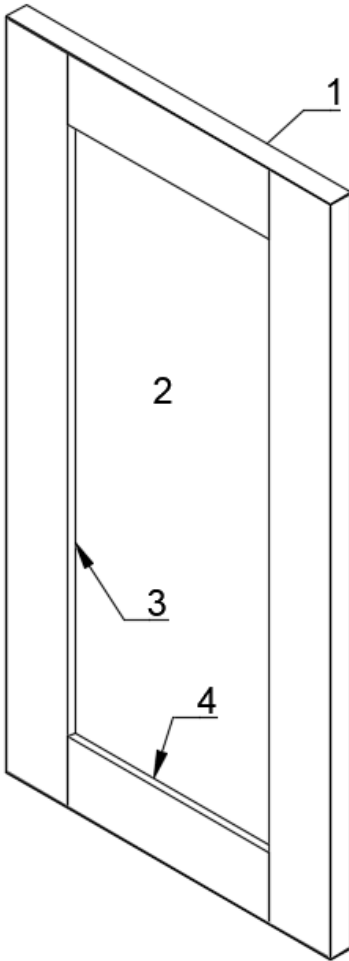
ITEM	QTY	DESCRIPTION	DIMENSIONS (IN)
1	4	Edge Banding Strips	Varies
2	1	Plywood Panel	23 ⅞ x 11 $^{13}/_{16}$ x ½
3	2	Stiles	23 ⅞ x 2 ¼ x ¼
4	2	Rails	7 $^{5}/_{16}$ x 2 ¼ x ¼

Notes:

- The Plywood Panel measures $^{1}/_{16}$ less than the height and width of the door size to account for the thickness of the edge banding ($^{1}/_{32}$*2). The actual door size is 23 $^{15}/_{16}$ x 11 ⅞.
- Quantities listed are for 1 door. Double for making 2 doors

DRAWER FACE

Parts List
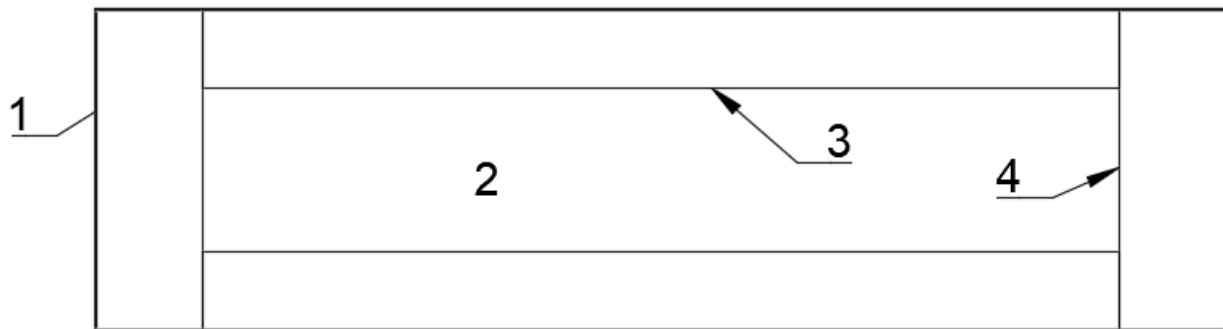
ITEM	QTY	DESCRIPTION	DIMENSIONS (IN)
1	4	Edge Banding Strips	Varies
2	1	Plywood Panel	$23\,^{13}/_{16}$ x $6\,^{11}/_{16}$ x ½
3	2	Rails	$19\,^{5}/_{16}$ x 1 ⅝ x ¼
4	2	Stiles	$6\,^{11}/_{16}$ x 2 ¼ x ¼

Notes:

- The drawer face is similar to the doors, with $^{1}/_{16}$ less height and width to account for the thickness of the edge banding. The actual drawer face size is $23\,^{1}/_{16}$ x $6\,^{3}/_{4}$.
- For a drawer less than 7 inches tall, use rails that are not as wide so there's enough of the inset panel showing. I choose to go with $1\,^{5}/_{8}$ instead of the normal $2\,^{1}/_{4}$.

If you have any questions about dimensions or find a mistake in these diagrams, please contact me via email using my contact page at projectbilld.com/contact or direct message me at projectbilld on Instagram and I'll get back to you as soon as possible!

Happy billding!

-Bill