



Night Stand

Our nightstand is a practical addition to any bedroom. The lower shelf holds books and magazines, and the drawer is large enough to store nighttime necessities.



Materials

- 22 linear feet of 1 x 4 pine
- ½ sheet of 1/4" plywood (4' x 4')
- 1 sheet of 3/4" plywood (4" x 8")
- 11 linear feet of 3/4"-wide rope molding
- 2 linear feet of 3"-wide beaded molding

Hardware

- Approximately 4 5-3/4" brads
- Approximately 15 1" (2d) finishing nails
- Approximately 20 1-1/4 (3d) finishing nails
- Approximately 85 1-1/2" (4d) finishing nails
- 1 drawer pull

Special Tools and Techniques

- Bar clamps or pipe clamps
- Dadoes

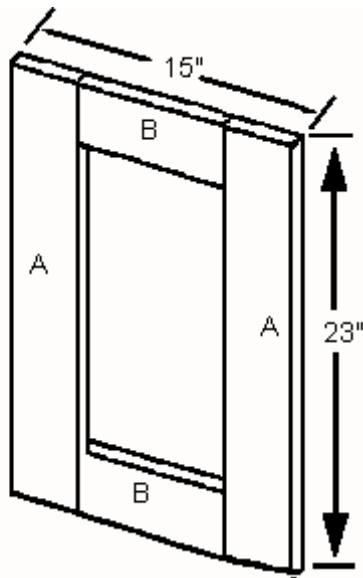
Cutting List

Code	Description	Qty	Materials	Dimensions
A	Vertical Trim	4	1 x 4 pine	23" long
B	Horizontal Trim	4	1 x 4 pine	8" long
C	Sides	2	1/4" plywood	15" x 23"
D	Back	1	3/4" plywood	22-1/2" x 23"
E	Shelf	2	3/4" plywood	22-1/2 x 14-1/4"
F	Drawer Guides	2	1 x 4 pine	14-1/2" long
G	Top Supports	2	1 x 4 pine	22-1/2" long
H	Front Vertical Trim	2	1 x 4 pine	23" long
I	Bottom Trim	1	3"-wide beaded molding	17-1/2" long
J	Shelf Trim	2	3/4"-wide beaded rope molding	17-1/2" long
K	Top	1	3/4" plywood	16-3/4" x 26-1/2"
L	Top Trim	4	3/4"-wide rope molding	Cut to fit
M	Drawer Front/Back	2	3/4" plywood	5-5/8" x 17-3/8"
N	Drawer Sides	2	3/4" plywood	5-5/8" x 12-3/4"
O	Drawer Bottom	1	1/4" plywood	13-1/8" x 16-1/4"

Building the Sides

1. Cut four vertical trims (A) from 1 x 4 pine, each measuring 23 inches long.
2. Cut four horizontal trims (B) from 1 x 4 pine, each measuring 8 inches long.
3. Cut two sides (C) from 1/4-inch beaded plywood, each measuring 15 x 23 inches.
4. Place two vertical trims (A), better face down, on a level surface, parallel to each other and 8 inches apart. Fit two horizontal trims (B), better face down, between the ends of the vertical trims (A), as shown in *Figure 1*.
5. Apply glue to the faces of the trims (A and B). Place one side (C) (beaded side down) over the horizontal and vertical trims (A and B), matching all four edges. Nail through the side (C) 1 inch from each of the edges, using 3/4-inch brads spaced about 4 inches apart.

Figure 1

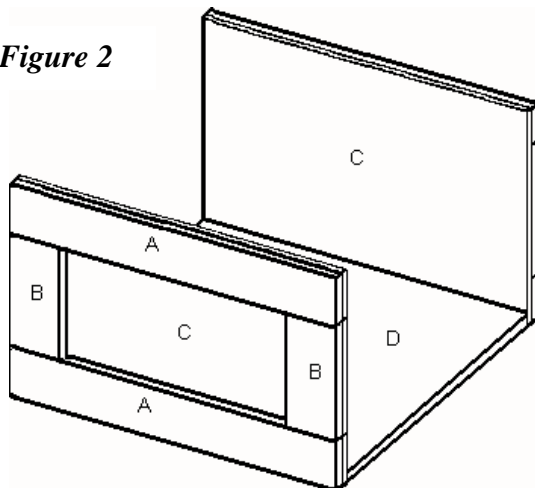


6. Repeat Steps 4 and 5 to assemble a second side, using the remaining two vertical trims (A), two horizontal trims (B), and side (C).

Completing the Base Assembly

1. Cut one back (D) from 3/4-inch plywood, measuring 22-1/2 x 23 inches.
2. Place the two side assemblies on a level surface, on edge, parallel to each other and 22-1/2 inches apart.
3. Place the back (D) between the two side assemblies, matching the 23-inch edges, as shown in *Figure 2*. Nail through the side assemblies into the edge of the back (D) using 1-1/2-inch (4d) nails placed every 4 inches.
4. Cut two shelves (E) from 3/4-inch plywood, each measuring 22-1/2 x 14-1/4 inches.
5. Cut two drawer guides (F) from 1 x 4 pine, each measuring 14-1/2 inches long.
6. Attach both drawer guides (F) to one shelf (E), 1-3/4 inches from each 15-inch edge, as shown in *Figure 3*. Nail through the shelf (E) into the edges of the drawer guides (F), using four 1-1/2-inch (4d) nails on each joint.

Figure 2



7. Attach the shelf (E) without the drawer guides 2-3/4 inches from what will be the bottom of the nightstand, as shown in *Figure 4*. Nail through the side assemblies into the edges, using four 1-1/2-inch (4d) nails on each joint.
8. Repeat Step 7 to attach the remaining shelf (E), with the drawer guides facing the top of the nightstand, 6-1/2 inches from the top of the nightstand, as shown in *Figure 4*.
9. Cut two top supports (G) from 1 x 4 pine, each measuring 22-1/2 inches long.
10. Attach one top support (G) between the two side assemblies, flush with the top edge of

the back (D), as shown in *Figure 4*. Nail through the side assemblies into the ends of the top support, using two 1-1/2-inch (4d) nails on each joint.

11. Repeat Step 10 to attach the remaining top support (G) between the two side assemblies, flush with the front and top of the base assembly, as shown in *Figure 4*.

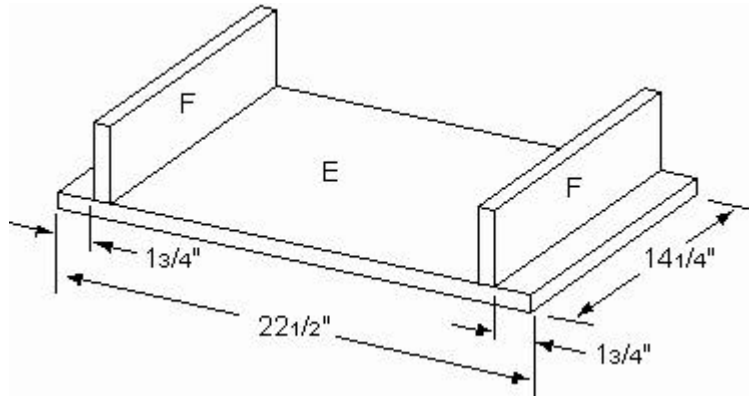


Figure 3

Adding the Trim

1. Cut two front vertical trims (H) from 1 x 4 pine, each measuring 23 inches long.

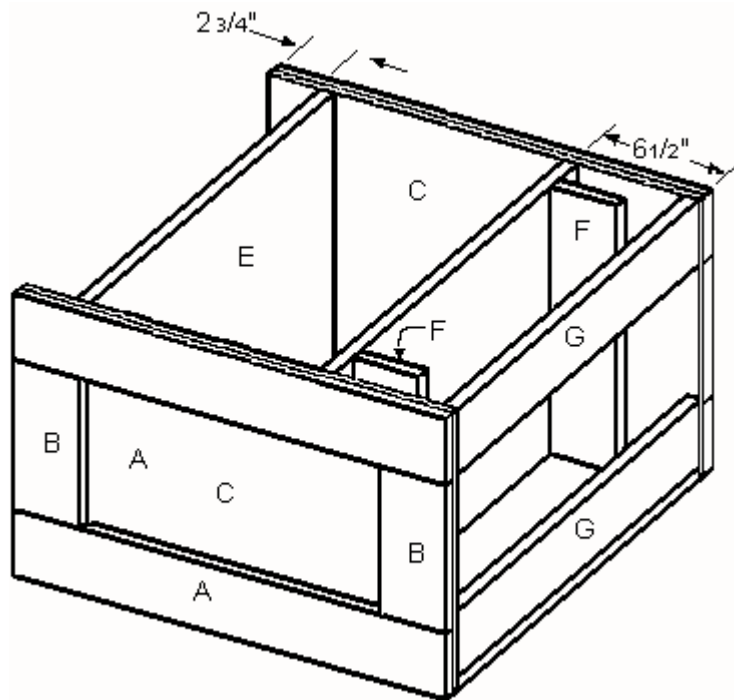
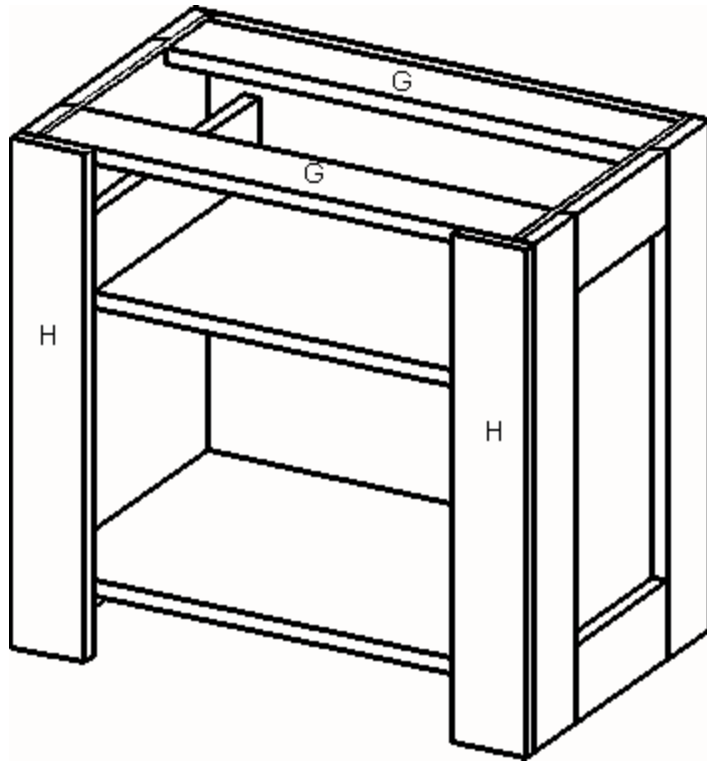


Figure 4

2. Apply glue to the meeting surfaces, and attach one front vertical trim (H) to the edge of the left side assembly, as shown in *Figure 5*. Nail through the front vertical trim (H) into

the side assembly, the two shelves (E), the drawer guide (F), and the top support (G). Use 1-1/2-inch (4d) nails spaced every 4 inches.

3. Repeat Step 2 to attach the remaining vertical trim (H) to the edge of the right side assembly, as shown in *Figure 5*.



4. Cut one bottom trim (I) from 3-inch-wide beaded molding, measuring 17-1/2 inches long.
5. Apply glue to the meeting surfaces, and nail the bottom trim (I) between the two vertical trims (H), flush with the top of the lower shelf (E). Use 1-inch (2d) nails spaced about every 4 inches.
6. Cut two shelf trims (J) from 3/4-inch-wide rope molding, each measuring 17-1/2 inches long.
7. Apply glue to the meeting surfaces, and nail one shelf trim

(J) over the exposed edge of the top support (G), between the two vertical trims (H). Use 1-inch (2d) nails spaced about every 4 inches.

8. Nail the remaining shelf trim (J) over the exposed edge of the upper shelf (E), between the vertical trims (H). Use 1-inch (2d) nails spaced about every 4 inches.

Constructing the Top

1. Cut one top (K) from 3/4-inch plywood, measuring 16-3/4 x 26-1/2 inches.
2. Cut and fit four top trims (L) from 3/4-inch-wide rope molding to fit over the four exposed edges of the top (K), mitering the top trims (L) at each of the corners. Use glue and 1-1/2-inch (4d) nails spaced every 4 inches to attach the top trims (L) to the top (K).
3. Place the base assembly upright and place the top assembly over it. The top assembly should be centered widthwise, with the edge of the plywood top (K) flush with the back of the nightstand, and overhanging the front. When the position is correct, apply glue on the meeting surfaces, and nail through the top assembly into the top supports (G) using six 1-

1/4-inch (3d) nails.

Making the Drawer

1. Cut two drawer front/back (M) from 3/4-inch plywood, each measuring 5-5/8 x 17-3/8 inches.
2. Cut two drawer sides (N) from 3/4-inch plywood measuring 5-5/8 x 12-3/4 inches.
3. Cut one drawer bottom (O) from 1/4-inch plywood measuring 13-1/8 x 16-1/4 inches.
4. Cut a 1/4 x 1/4-inch dado on the inside of each drawer piece (M and N) 3/8 inch from the lower edge, to accommodate the drawer bottom (O).
5. Assemble the drawer as shown in *Figure 6*. Note that the drawer front/back pieces (M) overlap the ends of the drawer sides (N). Use two 1-1/2-inch (4d) nails on each end of the overlapping boards.

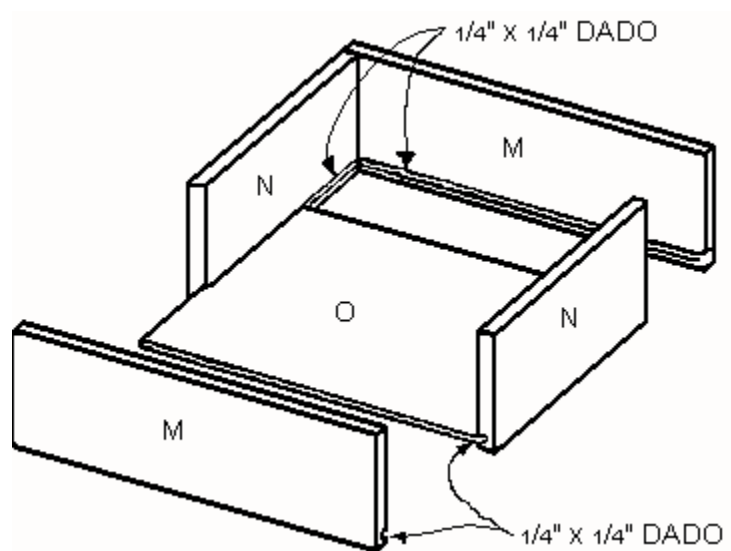


Figure 6

Finishing

1. Fill any nail holes or imperfections in the wood with wood filler.
2. Thoroughly sand all of the wood parts on the completed night stand.
3. Stain or paint the nightstand the color of your choice. We chose to retain the natural wood color and simply sealed it with polyurethane.
4. Install the drawer pull in the center of the nightstand drawer.