

Illustration A

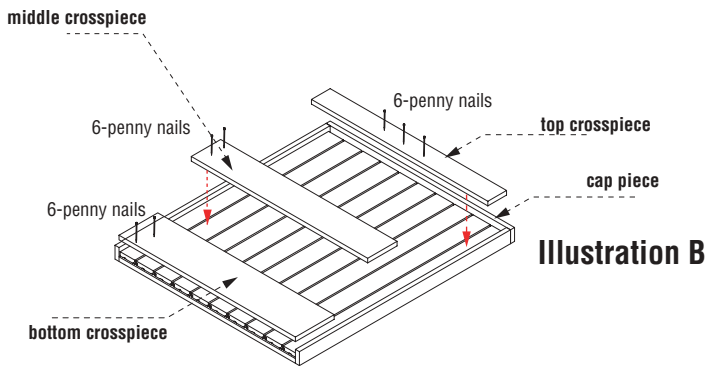
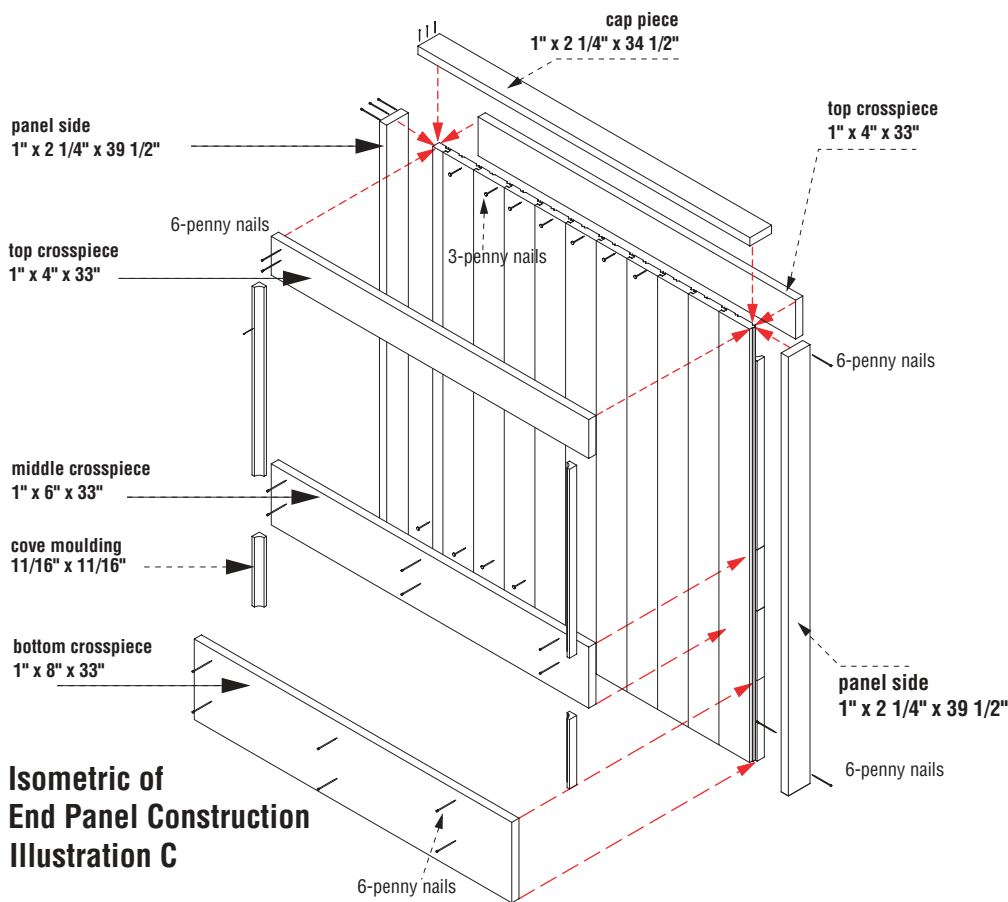


Illustration B



Isometric of End Panel Construction Illustration C

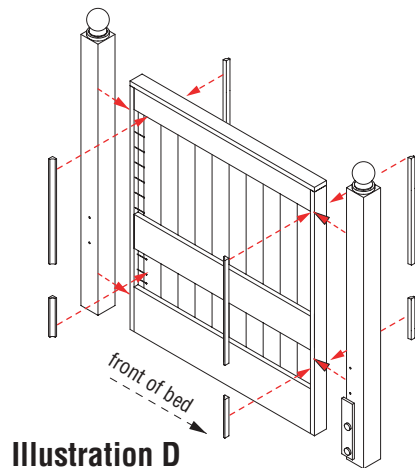


Illustration D

PART 1

Note: As you go, predrill all nail holes using a 5/64" bit for the 6-penny nails and a 1/16" bit for 3-penny nails.

1. Attach panel sides to cap piece with 6-penny casing nails (see A).
2. Lay out and attach one of the top crosspieces to the two panel sides with 6-penny casing nails (see B and E). Use 2 nails per side.
3. Lay out and attach one of the middle crosspieces to the two panel sides with 6-penny casing nails (see E for dimensions). Use 3 nails per side.
4. Lay out and attach one of the bottom crosspieces to the two panel sides with 6-penny casing nails. The bottom crosspiece should be flush with the bottom of the two side panels. Use 3 nails per side.
5. Cut and fit 11 pieces of beaded pine boards with the beaded sides facing out. The 11th piece must be ripped to fit snugly. Tip: Place the beaded boards so that the 11th piece will have the tongue left intact after you rip it. This gives it a solid fit. Apply glue to the crosspieces before fitting the beaded boards. (Note: The ends of these pieces will be covered by the top and bottom crosspieces, so the fit of the top and bottom is not critical. See A.)
6. Attach the second top crosspiece, middle crosspiece, and bottom crosspiece with glue and 6-penny casing nails (see B).

PART 2

1. Attach two newel posts flush to the completed end panel using 6-penny casing nails (see D and E). Using 3-penny casing nails, apply the cove moulding after securing the end panels to the posts.

PART 3

1. Repeat Parts 1 and 2 to complete the second end panel.

Page 2 of End Panel Construction

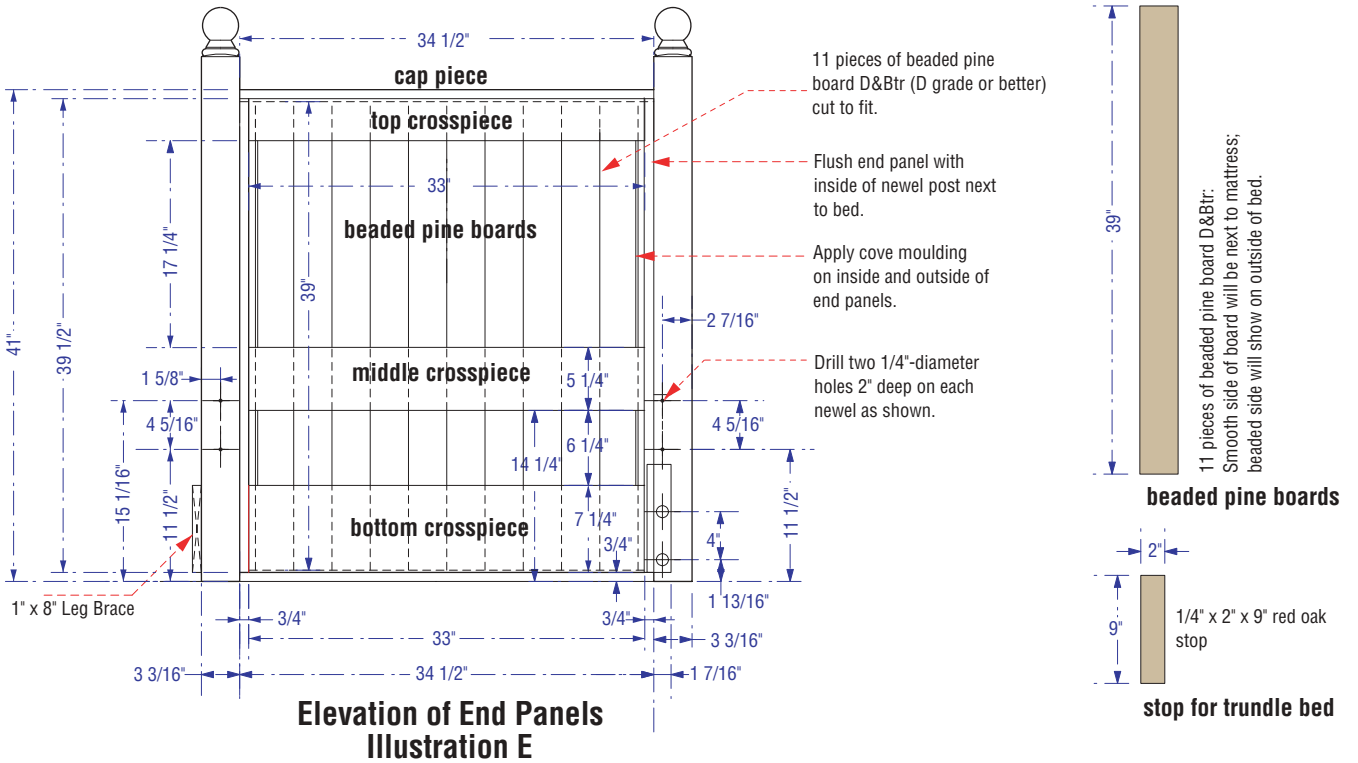


Illustration F

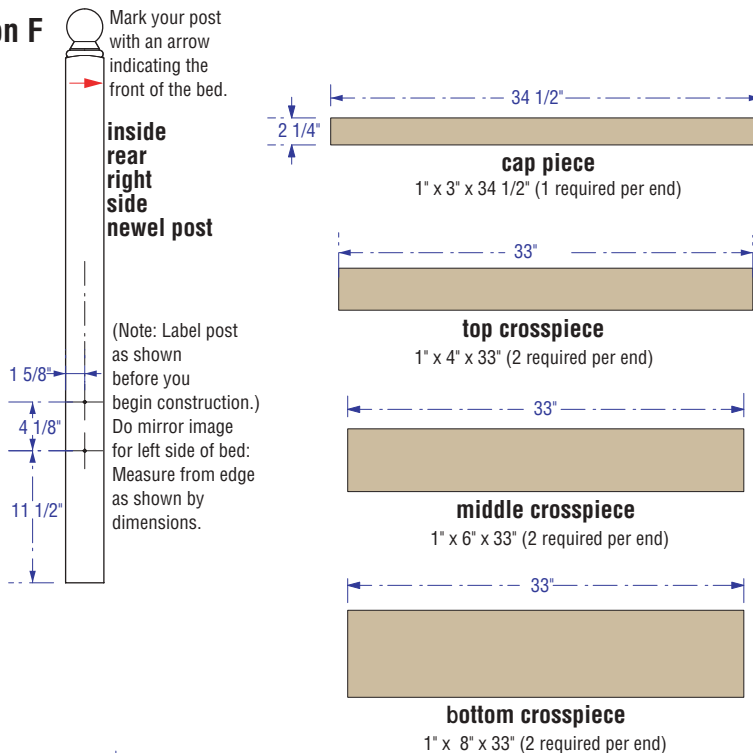


Illustration G

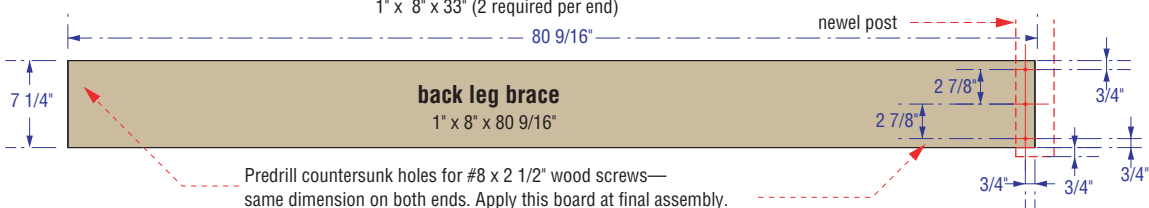
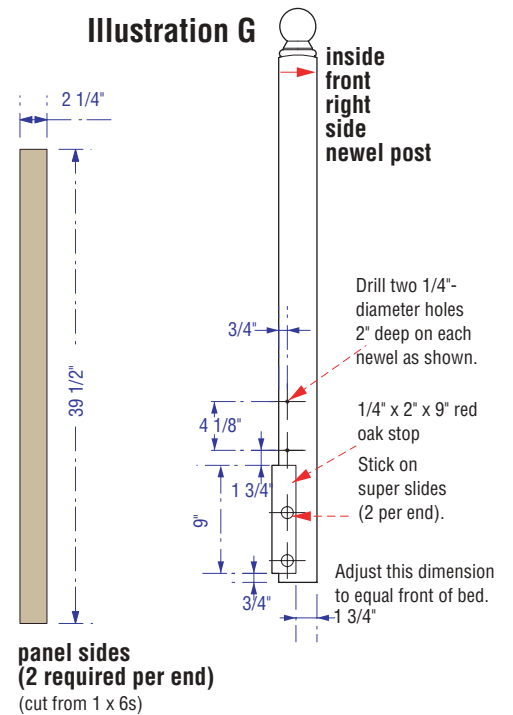
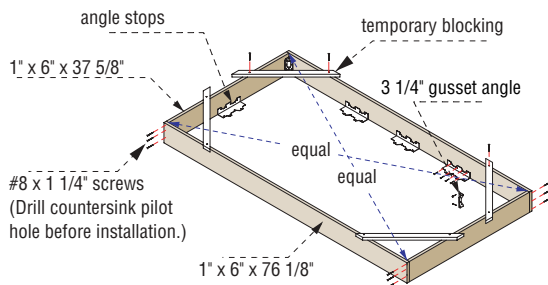


Illustration H

Page 3 Trundle Portion of Bed



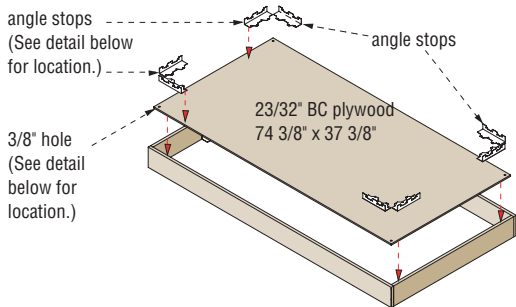
1. Assemble the four 1 x 6 pieces with glue and #8 x 1 1/4" screws.



2. Square the frame by measuring diagonally, and install temporary blocking to hold in place while installing corner brackets (3 1/4" gusset angle). Use #8 x 3/4" screws.
3. Install 8 of the angle stops flush with the bottom of the bed frame. Note: Do not install the other angles at this time, but wait until the plywood is installed in step #2. Use #8 x 3/4" screws for installation into 1 x 6 material. Use #8 x 3/4" screws for installation into 23/32" plywood.
4. Remove temporary blocking before proceeding to next step.

Construction tip: When measuring diagonally for squareness, hold the tape at 12" for accuracy in reading the dimensions. The lip on a tape has play in it for reading internal and external measurements, which makes it difficult to be accurate in a situation like this.

Step # 1 Frame Construction of Trundle



1. Cut 23/32" BC plywood to 74 3/8" x 37 3/8". Trim the corners to clear the 3 1/4" gusset angles.

2. Drill four 3/8" holes at the corners (see I).

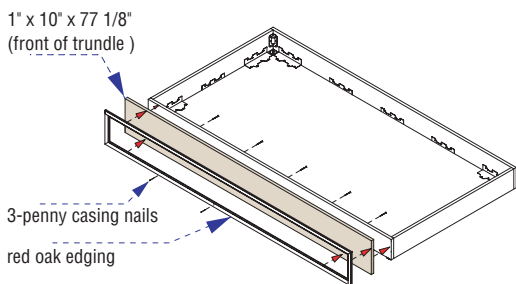
3. Working from the top, place the plywood in frame, and install 8 angle stops in the corners, allowing enough room for the washers. Use #8 x 3/4" screws when attaching the angles to the 1" material and to the plywood.

4. Turn the bed over and attach the balance of the angle stops to the plywood with #8 x 3/4" screws.

5. The casters can be installed at this time using the fender washers and the 5/16" hex lock nuts. Square the casters with the front of the frame.

Construction tip: When drilling the corner holes for the casters, place a scrap piece of 1" material under the plywood below the hole. This will reduce splitting of the wood at the bottom of the hole as the drill bit exits the wood.

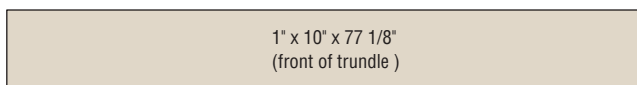
Step # 2 Plywood and Caster Installation



1. Attach front of trundle with #8 x 1 1/4" screws, being sure to keep front 3/4" above floor and centering it horizontally. Do not glue front to bed at this time to allow for adjustment during the final assembly of the bed.

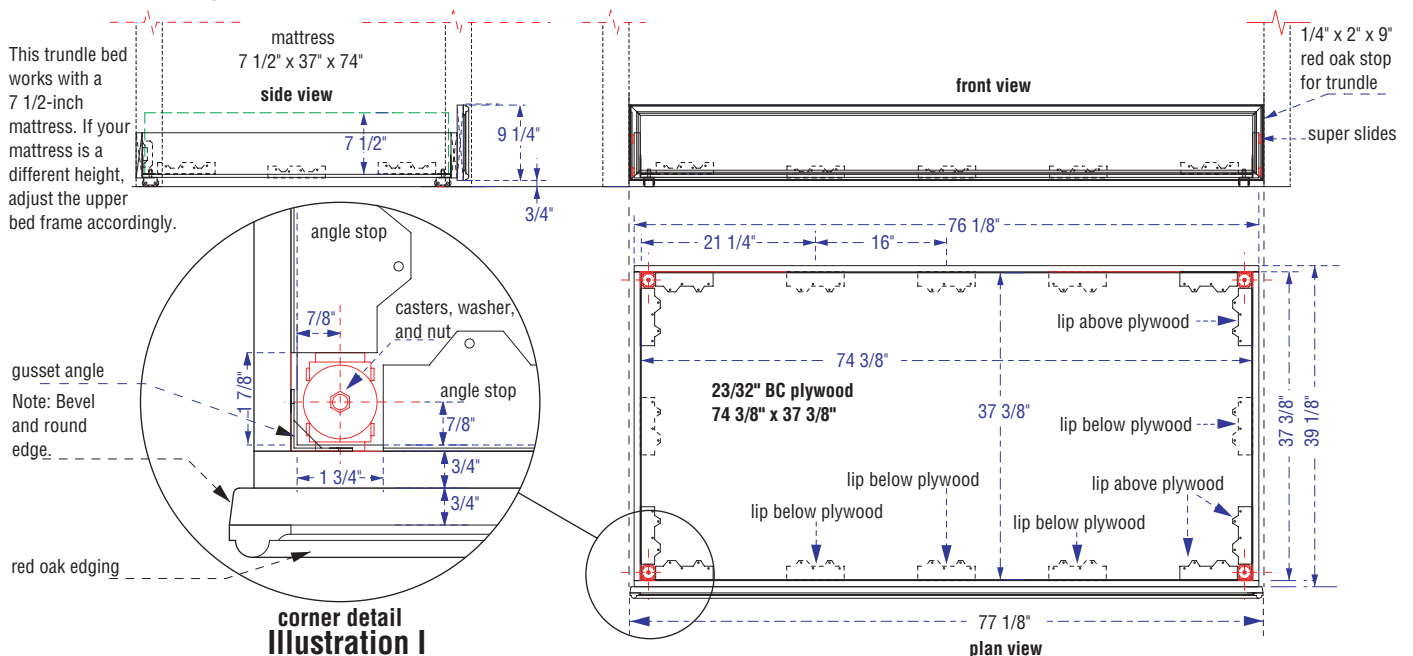
2. Apply the red oak edging to the front with glue and 3-penny casing nails. Pre-drill and set nails.

3. Do final sanding, prime, and paint.



Step # 3 Install Front and Trim

Trundle Bed Layout



Page 4 Upper Bed and Final Assembly

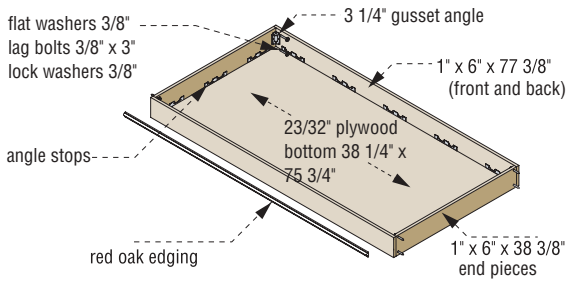
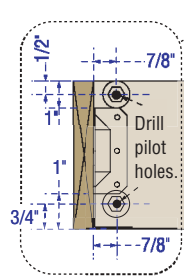


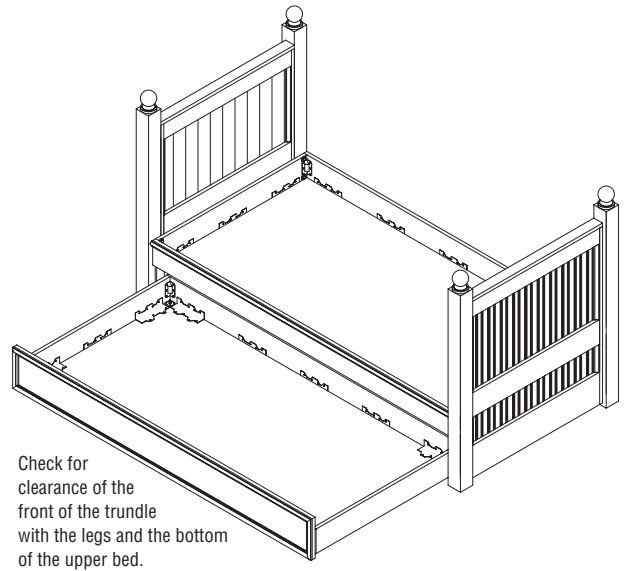
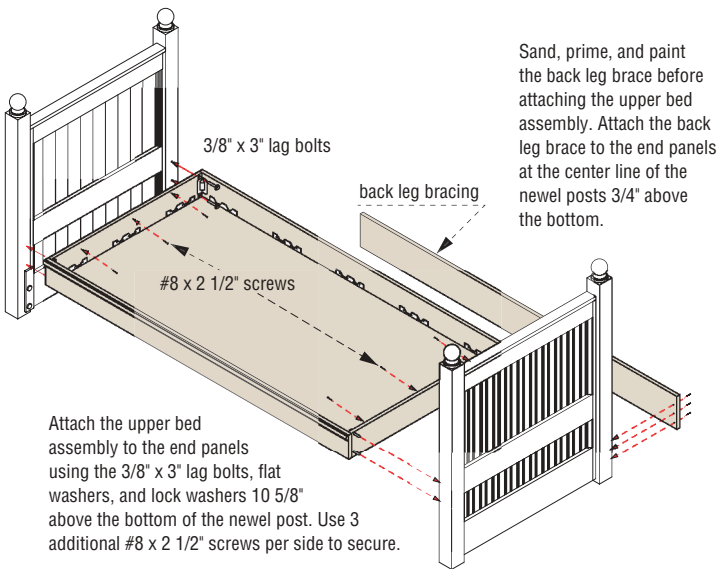
Illustration J



1" x 6" x 38 3/8" (ends)

1. Frame construction will be the same as the frame construction of the trundle bed (see steps 1 and 2 on page 3) with the following exceptions:
 - A. All angle stops will be flush with the bottom of the 1 x 6s.
 - B. Predrill 7/16" holes in each end piece of the upper bed assembly before putting it together (see J).
 - C. Apply red oak edging to top edge of front piece with glue and 3-penny casing nails (ends square cut).
 - D. After all holes have been drilled, sand, prime, and paint.

Step # 1 Upper Bed Frame Construction



Step # 2 Final Assembly

Upper Bed Layout

