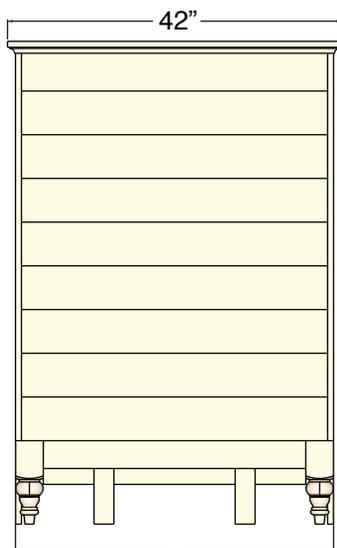


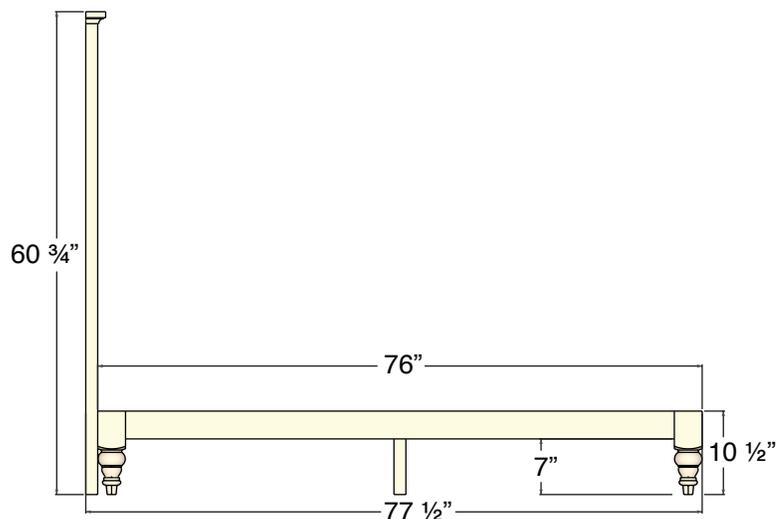


# Platform Bed

*T*his Bohemian inspired platform bed will be cherished for generations to come. It is as elegant as it is simple, with its clean lines and straightforward construction. These plans are for a twin size but you can customize it to fit any size mattress.



FRONT



SIDE

Make sure you read through the instructions carefully and take notice of any special construction notes prior to making any cuts. And always practice safe DIY'ing. Have fun!

**PLEASE NOTE - many pieces may require you to cut them to fit a certain size while you are building it. Its best not to cut pieces until you need them. Take your time and study all the diagrams.**

**CUT LIST**

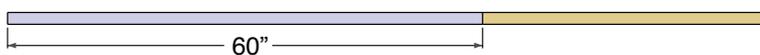
$\frac{3}{4}$ " x 6'  
cove molding



1" x 6" x 8'



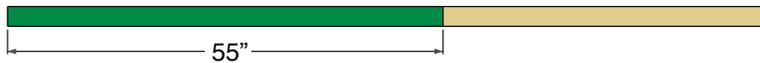
1" x 2" x 8'



1" x 3" x 8'



1" x 3" x 8'



1" x 3" x 8'



2" x 3" x 8'



2" x 3" x 8'



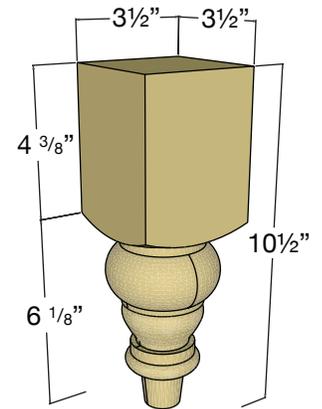
2" x 4" x 8'



2" x 4" x 8'



2" x 6" x 8'



Albany Sofa Foot; #41033  
knotty pine

[www.osbornewood.com/41033.aspx](http://www.osbornewood.com/41033.aspx)

Osborne Wood Products, Inc.  
osbornewood.com

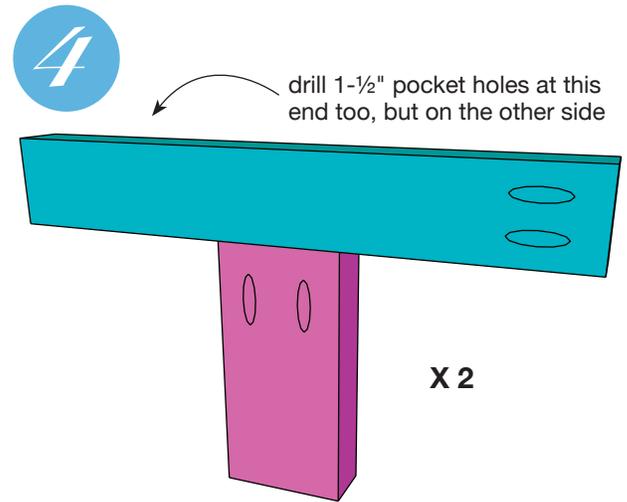
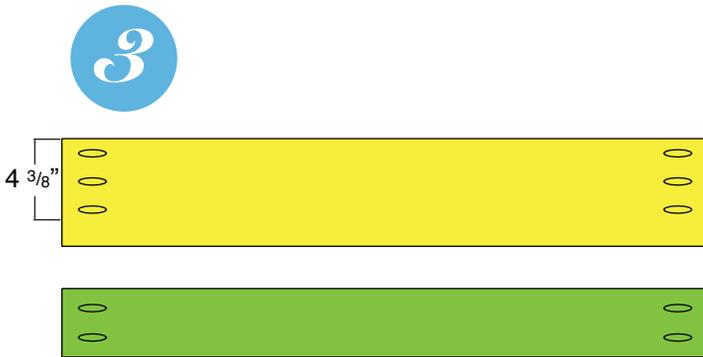
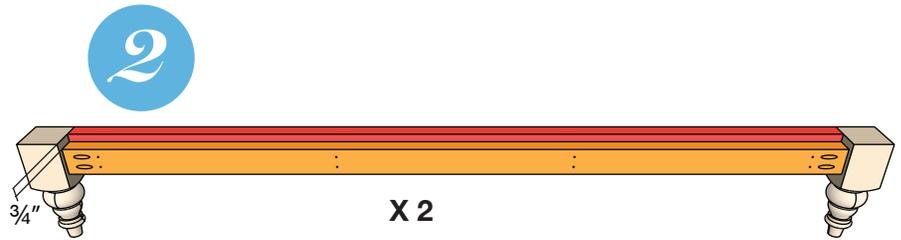
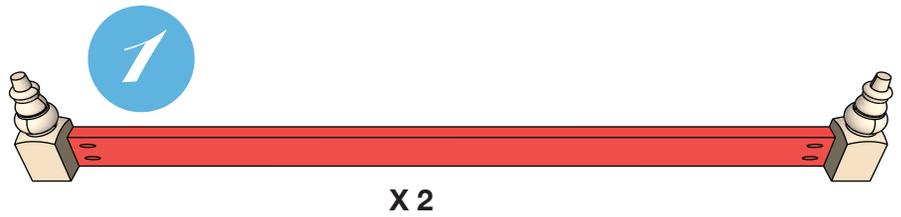
**MATERIALS LIST**

Material	Qty
2" X 6" X 8' pine board	1
2" x 4" x 8' pine board	3
2" x 3" x 8' pine board	3
1" x 3" x 8' pine board	11
1" x 2" x 8' pine board	2
1" x 6" x 8' pine board	5
¾" x 6' cove molding	1

Material	Qty
1-¼" pocket screws	
2-½" pocket screws	
2" spax screws	
1-¼" spax screws	
¾" brad nails	
1-¼" brad nails	
wood glue	
Osborne Wood Products Albany Sofa Feet #41033	4

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**NOTES**



### 1.

First we will construct the long side rails of the bed. Attach the 2x4s to the feet by drilling 1-1/2" pocket holes and attach with wood glue and 2-1/2" pocket screws; making sure the top edges of the 2x4 and feet are flush and one side of the 2x4 and one side of the feet are flush. Repeat this step so that you have 2 identical side rails.

### 2.

Now we will add the 2x3 cleat. Drill 1-1/2" pocket holes on the ends of the 2x3. First attach the 2x3 to the 2x4 with wood glue and 2" spax screws, making sure the 2x3 is 3/4" from the top as shown. Then drive 2-1/2" pocket screws through the ends into the feet. Repeat this step so that you have 2 identical side rails.

### 3.

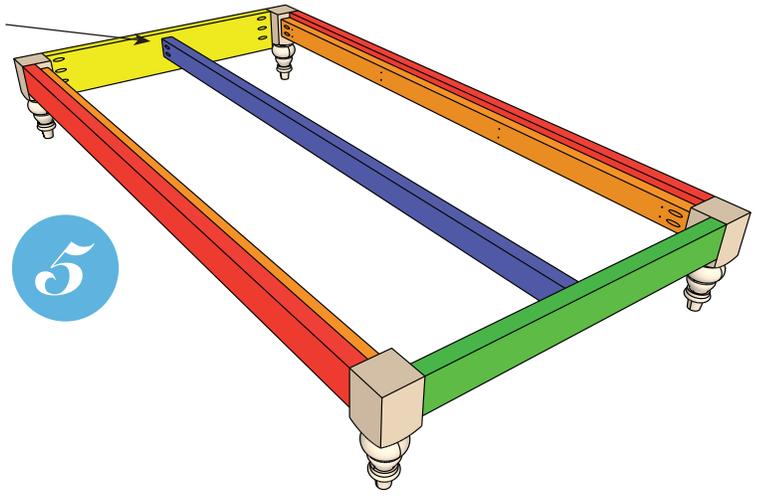
Now cut the head (yellow) and foot (green) boards of the bed to length. Drill 1-1/2" pocket holes as shown. Notice the grouping of pocket holes on the 2x6 head board. This is because you will be attaching this board to the feet and there is only a 4 3/8" flat area at the top of the feet to drill into. Group the 3 pocket holes within 4 3/8" of one side.

### 4.

Now we will make the middle supports. The blue board is a 2x3 and the purple board is a 2x4. Drill 1-1/2" pocket holes and attach with wood glue and 2-1/2" pocket screws. Notice that you will drill 1-1/2" pocket holes into the 2x3 at the ends but on opposite sides.

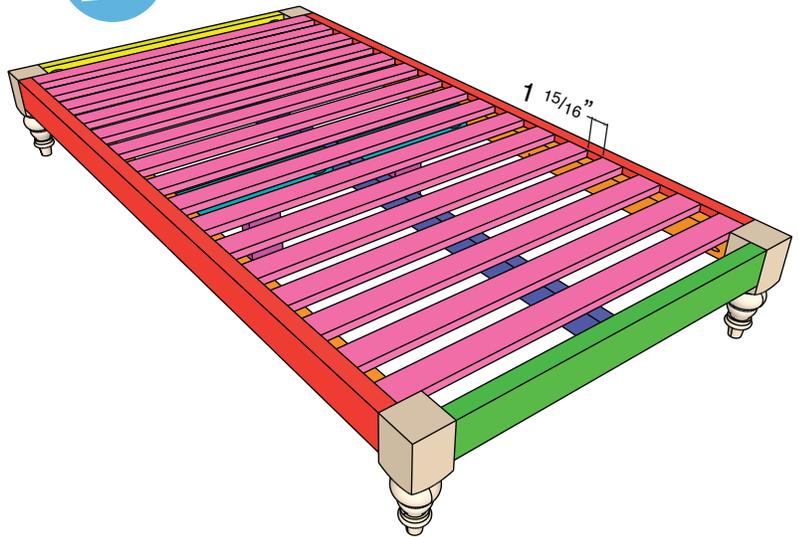
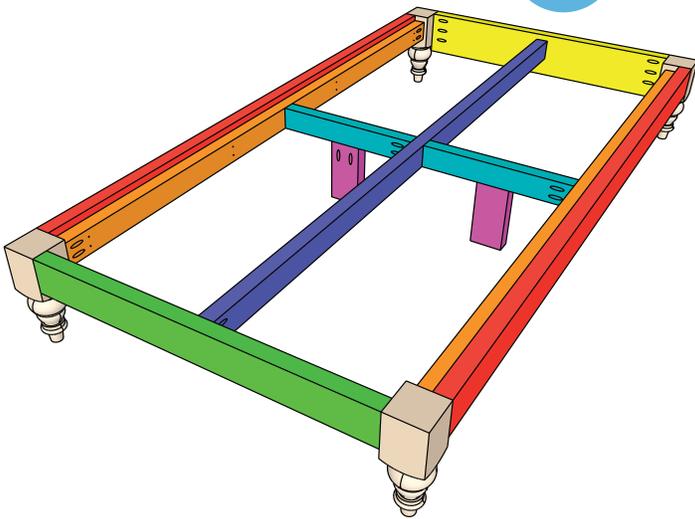


Make sure middle support is inset  $\frac{3}{4}$ " from top edge



6

7



5.

At this point it may be easiest to take the platform bed pieces and assemble them in the room where you will be using it.

First attach the head and foot boards to the side rail assemblies you constructed in Step 2 with 2- $\frac{1}{2}$ " pocket screws. You may want to leave out the wood glue here as it will enable you to more easily take the bed apart in the future.

Then attach the long middle 2x3 support. Drill 1- $\frac{1}{2}$ " pocket holes and attach with wood glue and 2- $\frac{1}{2}$ " pocket screws, making sure it is  $\frac{3}{4}$ " inset from the top edge.

6.

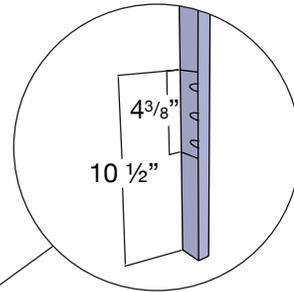
Next, attach the middle support assemblies centered along the 2x3 support. You will attach with wood glue and 2- $\frac{1}{2}$ " pocket screws. Make sure the top edges are flush with the side rail cleats and the long middle 2x3 support.

7.

Now attach the 1x3 mattress slats. Spaced out evenly they should have a gap that is just a hair under 2". Attach with 1- $\frac{1}{4}$ " spax screws through the slats into the cleats on either side; one per end should do it. For added strength you can drive a few screws through the slats and into the middle support rail too.

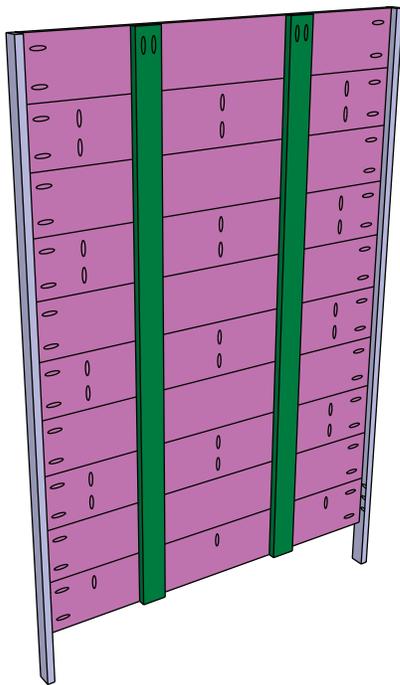


8

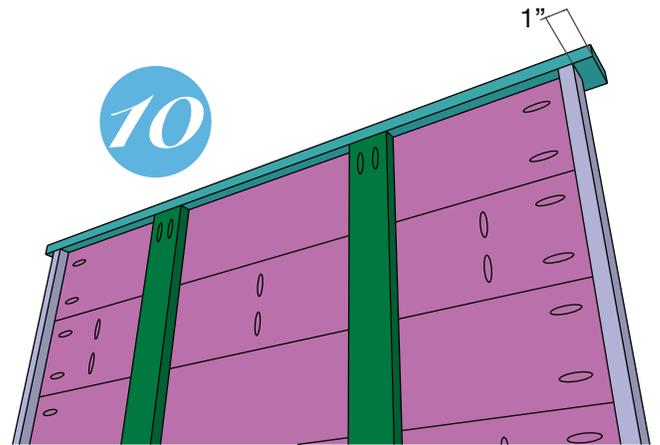


X 2

9



10



8.

Now you can begin construction of the headboard. First drill  $\frac{3}{4}$ " pocket holes into the vertical 1x2 sides that will be used to attach the headboard to the bed. Pay attention to the location of the holes. The measurements given will allow you to drive the pocket screws through the headboard and into the flat portion of the feet later in Step 12. Repeat this step for the other vertical 1x2.

9.

First drill all of your  $\frac{3}{4}$ " pocket holes into the 1x6 boards as shown. Only every other board has pocket holes drilled along the edges. Next, attach the 1x6 planks to the vertical 1x2 edges with wood glue and 1- $\frac{1}{2}$ " pocket screws. The 1x6 planks are flush to the outside edge of the 1x2. Notice the location of the pocket holes you drilled in Step 8.

Start at the top of the 1x2 and work your way down. After the last 1x6 is attached to the 1x2 sides go back and drive 1- $\frac{1}{2}$ " pocket screws to edge join all the 1x6 boards making sure the 1x6 boards are flush with each other.

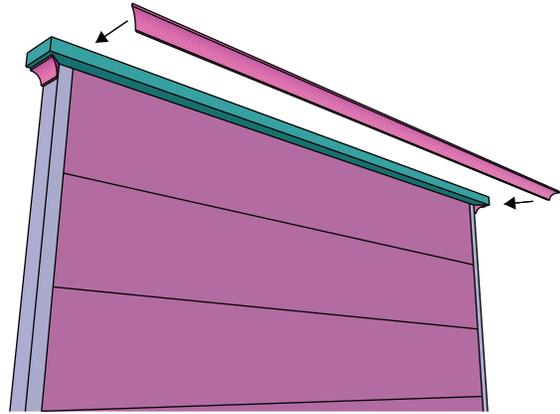
Now attach the 2 vertical 1x3 support boards. First drill  $\frac{3}{4}$ " pocket holes in one end. Then attach with wood glue and 1- $\frac{1}{4}$ " brad nails.

10.

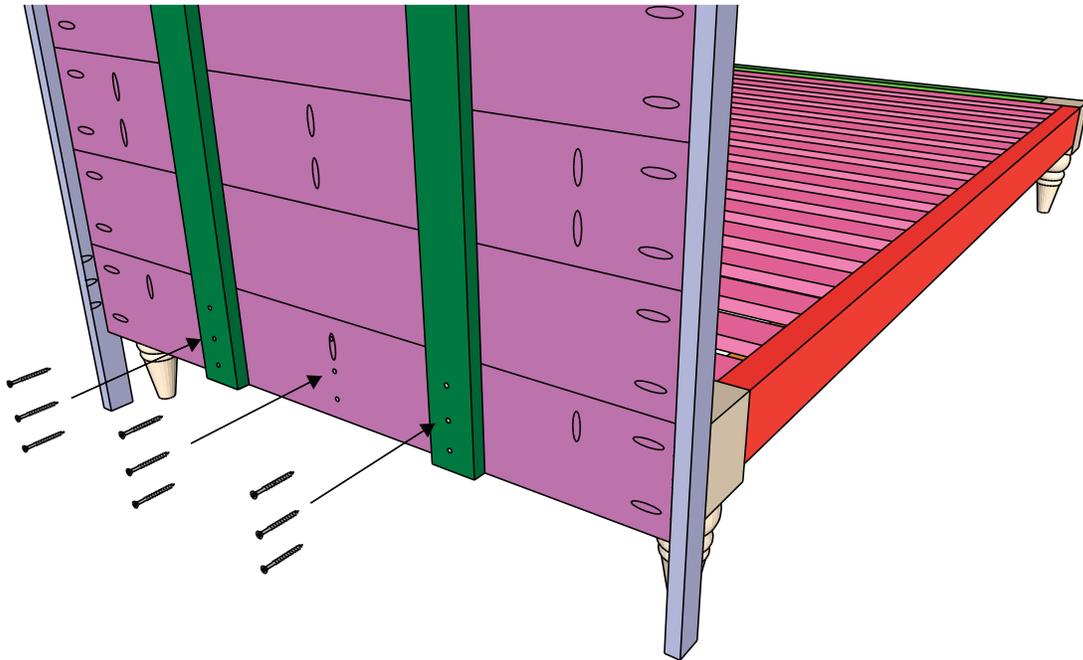
Now attach the top 1x3 top trim with wood glue and 1- $\frac{1}{4}$ " brad nails through the top making sure the board overhangs 1" on either side. Then drive 1- $\frac{1}{2}$ " pocket screws through the back vertical 1x3 support boards you drilled in Step 9.



11



12



11.

Now attach the  $\frac{3}{4}$ " cove molding. Begin by cutting a 45° miter on one end of the molding. Hold the molding in place so that mitered end is lined up with the corner on one end and mark where it goes flush with the back. Cut the piece to length. Repeat for the other side. Finally, cut a miter on one end a piece of molding and hold it in place across the front. Mark where the other miter will be and cut to fit. Attach with wood glue and 1" brad nails. .

12.

Time to attach the headboard to the platform bed. Have someone help you hold the headboard in place so that it is flush on sides with the platform bed and standing on the floor. First drive about 9 screws through the back of the headboard into the 2x6 of the platform bed as shown. Once those are secure then drive 1- $\frac{1}{2}$ " pocket screws through the pocket holes you drilled in Step 8 through the 1x2 sides and into the feet.