

Kids Clubhouse & Loft Bed

By **Sincerely, Marie Designs**

Difficulty

Advanced

A twin size clubhouse style bed with upper loft and space for playing below.





Tools

Kreg Tools



Other Tools

Circular Saw (corded)

Miter Saw

Tape Measure

Drill (cordless)

Nail Gun

Sander

Socket Wrench

Air Compressor

Materials

Wood Products

- 18** Board , 2x4 , 96"
- 7** Board , 1x4 , 96"
- 9** Board , 1x3 , 96"
- 5** Board , 2x2 , 96"
- 9** Board , 1x6 , 72"
- 1** Board , 1x6 , 72"

Hardware & Supplies

- 8** 3.5" - Bolts, Washers & Nuts
- 1** Box 3" Screws
- 1** Box 2 1/2" Kreg Scews
- 1** Box 1 1/2" Kreg Screws
- 1** Box 2" Brad Nails
- 1** Paint Or Stain Of Choice
- 2** Large Flush Mount Hangers
- 16** 3" Wood Screws

Cut List & Parts

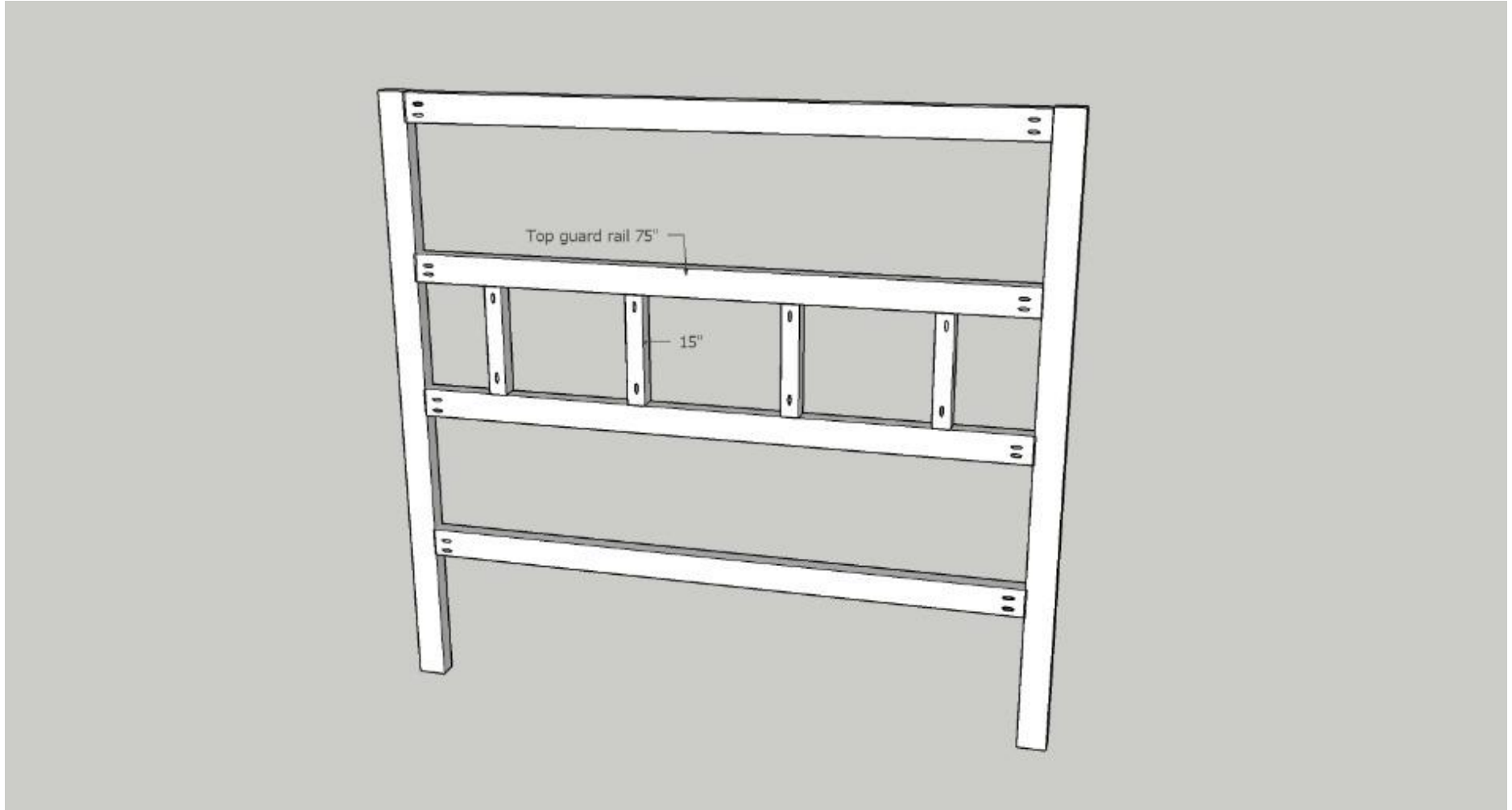
- 8** Corner Posts , 2"x4"x7'
- 5** Side Rails , 2"x4"x75"
- 6** Small Side Rails , 2"x4"x38"
- 2** Window Frame Horizontal , 2"x2"x29"
- 2** Window Frame Vertical , 2"x2"x27"
- 1** Door Post , 2"x4"x29"
- 2** Mattress Rails , 2"x2"x75"
- 4** Roof Frame , 2"x2"x28 3/4" All Cut At 50 Degrees And 40 Degrees.
- 2** Roof Beams , 2"x2"x79"
- 1** Window Pane , 2"x2"x27"
- 2** Window Panes , 2"x2"x8"
- 2** Ladder Rails , 2"x4"x41" We Used 15 Degree Cut On Each End. This Is Adjustable To How Steep You Need It To Be.
- 3** Ladder Steps , 2"x4"x14"
- 1** Back Ladder Support , 1"x4"x17"
- 23** Roof Slats , 1"x4"x32"
- 18** Bed Slats , 1"x3"x41"
- 6** Siding , 1"x6"x12"
- 3** Siding , 1"x6"x55 1/4"
- 9** Siding , 1"x6"x44"
- 4** Back Guard Rail Supports , 2"x2"x15"
- 1** Top Guard Rail , 2"x4"x75"
- 3** Back Siding , 1"x6"x83 1/2"

Directions

1

Assembling the Back Frame

Using 2 1/2" Pocket hole screws attach the 2x4 posts to the side rails as shown. Attach the 2x2's spaced equally using 2 1/2" pocket hole screws to the top guard rail and the mattress support.



2

Assembling the Front Frame

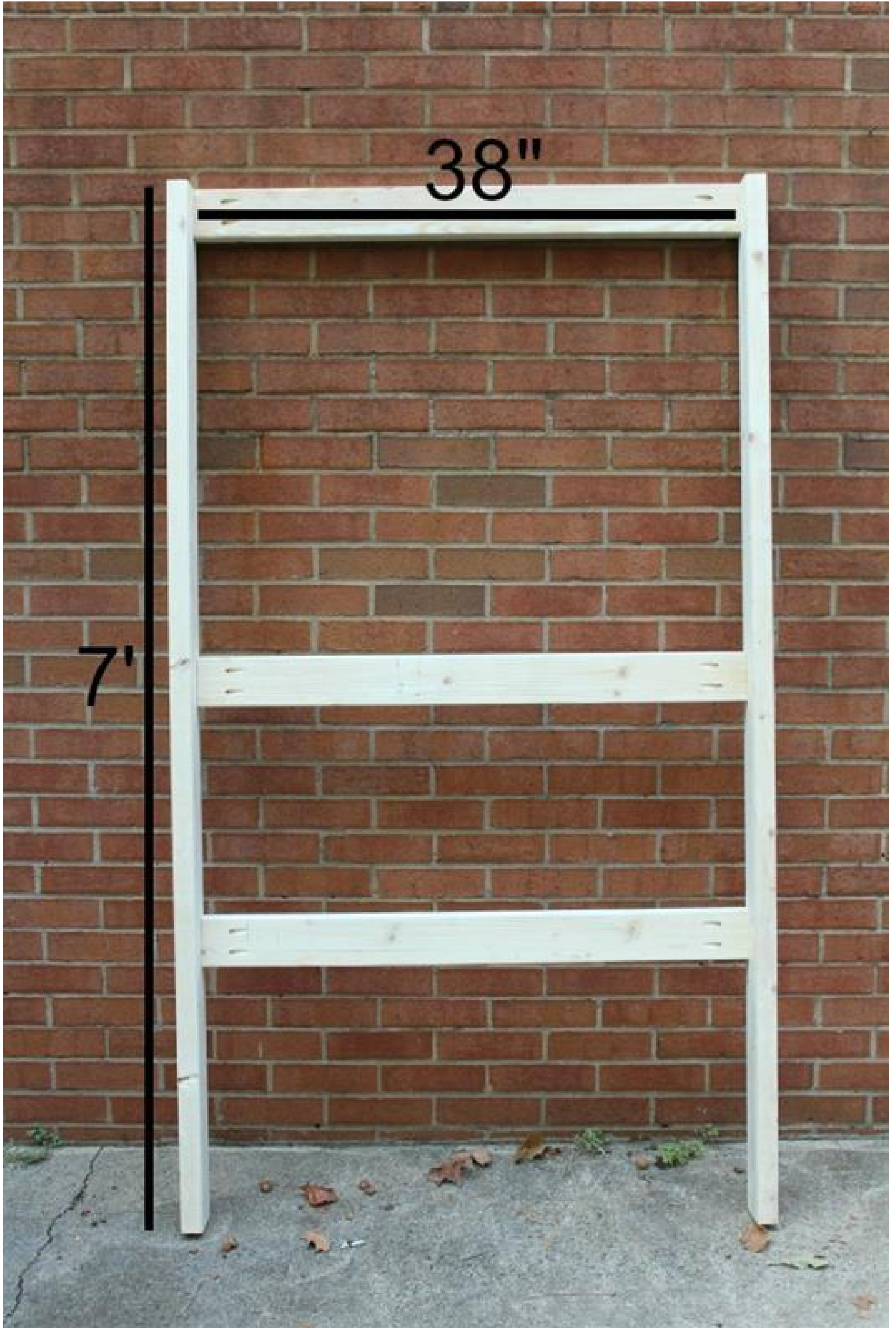
Assemble the front frame using the same methods as the front except without the bottom rail.



3

Assemble the Side Frames

Assemble the two side frames like using the same methods as the back frame.



4

Attach the Frames

Use clamps to hold your frames together while you drill your holes for your bolts. There should be one bolt at the top of each post as well as one bolt half way down.



5**Adding A Door Frame**

Using 2 1/2" Kreg screws attach the door frame 2x4 to the front bed frame from the right end.



6**Adding A Window Frame**

Using 2 1/2" Kreg screws screw the 2x2 window frame 12" from the door opening and a second one 39" from the left bed post.

Screw the top 2x2 window frame 5 1/2" from the top 2x4" and one 11" from the bottom 2x4" using 1 1/2" Kreg screws.



7**Attaching the Mattress Rails**

Glue and screw the 2x2" mattress rails to the bottom of the 2x4" frames, using 3" wood screws.



8**Adding Bed Slats**

Space the 18 bed slats out evenly and nail in place with brad nails.



9**Assembling the Roof Frames**

Cut 4 - 2"x2" to 28 3/4" long. One end should be cut at 50 degrees and the opposite end cut to 40 degrees. The roof frame should be 18" tall.

Using glue and brad nails, nail the corners of the roof frame and use 3" wood screws to screw the frame down onto the bed posts from the corners.



10**Adding the Roof Beams**

Using 2" Kreg Screws attach the two 2x2 boards at the top of the roof frame and one 6" from the bottom of the rood frame.

The Kreg clamp comes in very handy for this part, especially if you don't have a second set of hands to hold the 2x2's in place.

**11****Attach the Siding**

Using a nail gun attach the 1x6" siding pieces with a 3/4" gap on all four sides.

****UPDATE****

Make sure to install three siding pieces to the back frame as a guard rail along with three siding pieces to the foot of the bed so that the railing is sitting at least 5" above the top of the mattress.

12**Adding the Roof Slats**

Nail the roof slats into place with 3/4" spacing and a 1" hang off on the two ends.

I found that it was much easier to paint the slats before putting them in place.



13**Assembling the Window Pane**

Attach the 2x2x27" with 2" Kreg screws to the window frame.

Attach the 2x2x8" with 2" Kreg screws to the horizontal pane and to the window frame.

**14****Assemble the Ladder**

Use 3 - 3" screws on each side of the steps of the ladder to the two ladder posts.

15**Paint or Stain**

Sand the bed and paint or stain your however you choose. Finish up with a very fine grit sand paper for create a smooth finish.

16**Attaching the Ladder**

Using the flush mount hangers attach the ladder to the center of the door opening with the screws provided.

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