



# Poly Watch Tower



## Assembly Instructions



## Tools for Assembly

- ◆ Hammer
- ◆ Rubber Hammer
- ◆ Sledge Hammer
- ◆ Tape Measure
- ◆ Cordless or Electric Drill
- ◆ 9/32" Drill Bit
- ◆ Phillips Driver Bit
- ◆ Square Driver Bit (provided in the Hardware Pack)
- ◆ 7/16", 1/2", and 9/16" Sockets  
(powered by either a Ratchet or an Impact Wrench)
- ◆ 6' Step Ladder



# Helpful Tips Before Assembly

1. Be sure that the site where you plan to install this play set is level.
2. Be careful to never break through the poly coating with the screw head or otherwise.
3. Lay out the boards grouping the same sizes together.
4. **NOTICE THIS IS NOT A SQUARE TOWER**

## Item List

- 12 - 2x6x57" Stamped #1
- 2 - 2x6x83<sup>3</sup>/<sub>4</sub>" Stamped #2
- 2 - 2x6x72" Stamped #3
- 2 - 1x6x49<sup>1</sup>/<sub>2</sub>" Floor Boards
- 8 - 1x6x60" Floor Boards
- 4 - 4x4x108"
- 2 - 2x4x53-7/8" Stamped #10
- 2 - 2x4x60" Stamped #11
- 1 - 2x4x74" Stamped #12
- 24 - 1x4x32" Poly Rail Slats
- 4 - Poly Sandbox Seats
- 12 - Stainless Steel Corner Brackets
- 4 - 4x4 Caps
- 2 - 53<sup>1</sup>/<sub>2</sub>" Poly Strips
- 4 - 8" Poly Strips

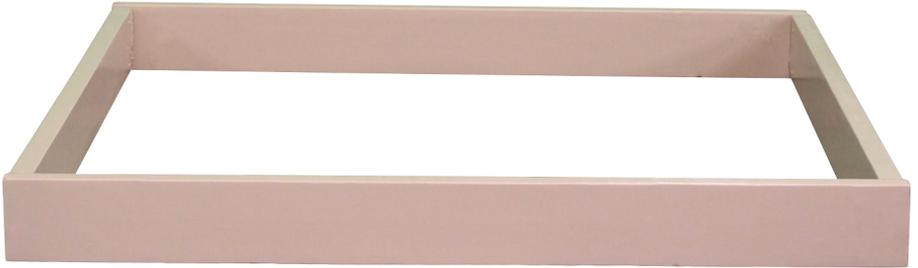
## Hardware

- |  |  |
|--|--|
| 4" Lags w/washer                                   | 1 <sup>1</sup> / <sub>2</sub> " Lags with Washer   |
| 4" Screws  | 3" Screws  |
| 1 <sup>3</sup> / <sub>4</sub> " Washer Head Screws | 1 <sup>1</sup> / <sub>2</sub> " Washer Head Screws |
| 1 <sup>1</sup> / <sub>4</sub> " Screws             | Canopy Screws                                      |

# Step #1

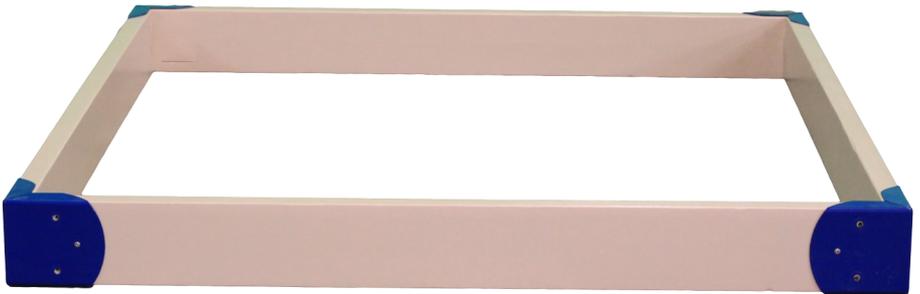
Place 4 - #1 (2x6x57") boards in a square with 2 on the inside and 2 on the outside overlapping the 2 on the inside. Fasten temporarily with 1 - 3" screw per corner.

The sandbox will be 57"x60".

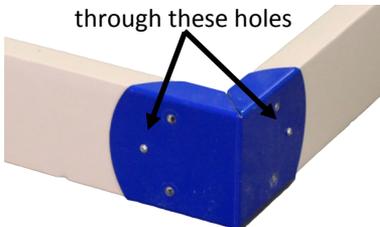


## Step #1-A

Place 1 corner bracket per corner and fasten with 2 - 1½" washer head screws per bracket. **Brackets must be snug into the corners.**



Insert screws  
through these holes



**HARDWARE**  
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4 - 3" SCREWS

8 - 1½" WASHER HEAD SCREWS

## Step #2

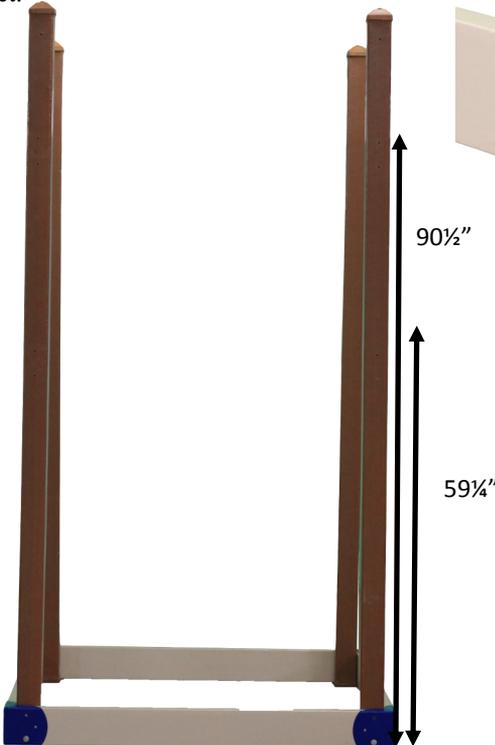
Fasten the caps to the top of each 4x4x108" with 1 - 3" screw per cap. Remember to put the screw cover on before attaching the cap.



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## Step #2-A

Measure from the bottom of each 4x4. Mark at 59¼" and 90½" on all 4x4s. Next stand the 4x4s up, as shown, and predrill with 9/32" drill bit and fasten with 2 - 4" lags w/ washer per post. Use the bottom holes of each bracket.

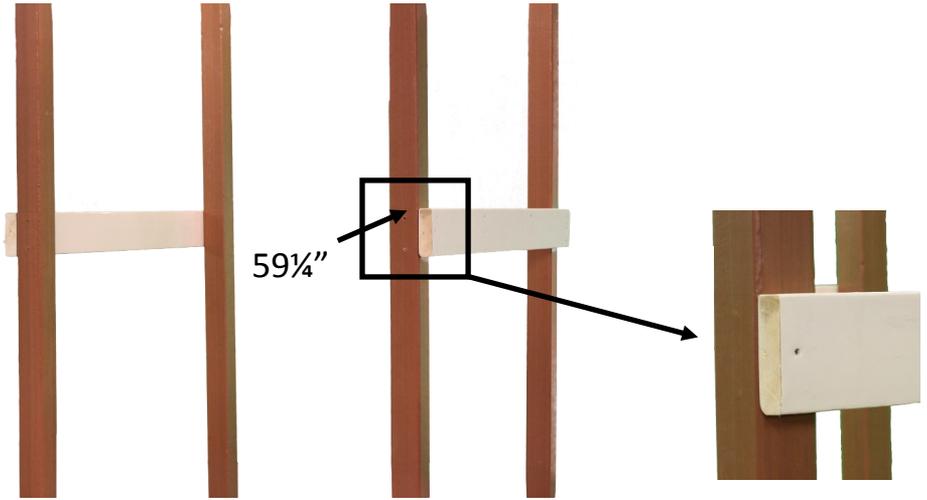


**FASTEN ONLY THE BOTTOM 2 LAGS. YOU WILL FASTEN THE OTHER LAGS IN STEP #5.**

**HARDWARE**  
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4 - 3" SCREWS  
8 - 4" LAGS W/WASHERS

## Step #3

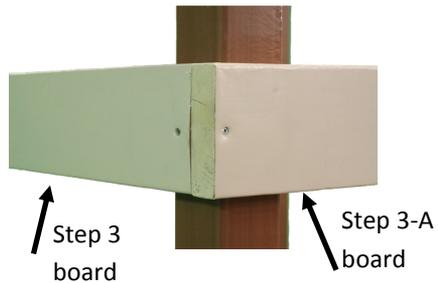
Place 1 - #1 (2x6x57") on each side of the tower with the top of the 2x6 at 59¼". Make the 2x6 flush at both ends with the outside of the posts and fasten with 2 - 3" screws per board (1 at each end). Repeat on the opposite side. This middle frame must be made the same as the frame in step 1 with 2 - 2x6s on the inside and 2 on the outside.



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### Step #3-A

Place 1 - #1 (2x6x57") on each end of the tower with the top of the 2x6 at 59¼". Make both ends flush with 2x6s on the sides and fasten with 2 - 3" screws per board. Repeat on the opposite end to complete the middle frame.



**HARDWARE**  
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**8 - 3" SCREWS**

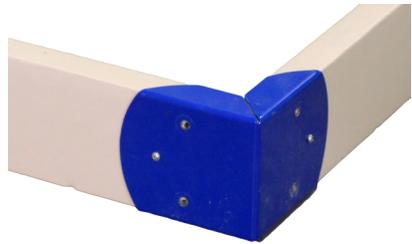
## Step #4

Repeat steps 3 and 3-A at 90°.



## Step #4-A

Place the remaining 8 corner brackets on the corners and fasten each with 2 - 1½" washer head screws per bracket, as shown.



### HARDWARE (THIS PAGE)

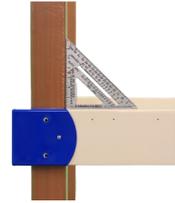
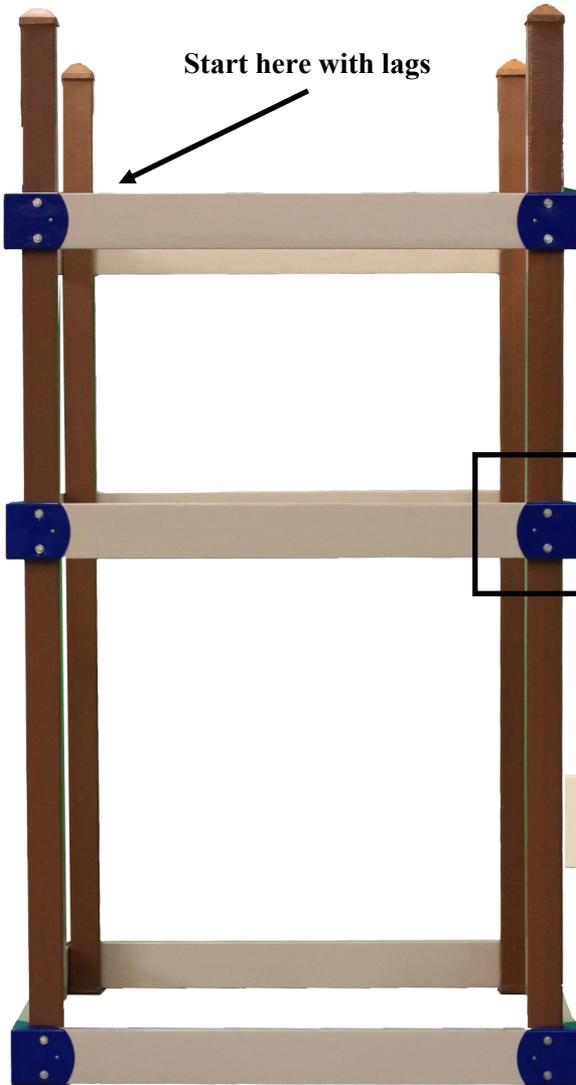
8 - 3" SCREWS

16 - 1½" WASHER HEAD SCREWS

## Step #5

**Square up all the corners as pictured before drilling and fastening lags.**

Square all of the corners. Pre-drill all lag holes in the corner brackets with a 9/32" drill bit. Put the 4" lags w/washers in, starting at the top of each 4x4 (you will be putting in 10 - 4" lags per 4x4)



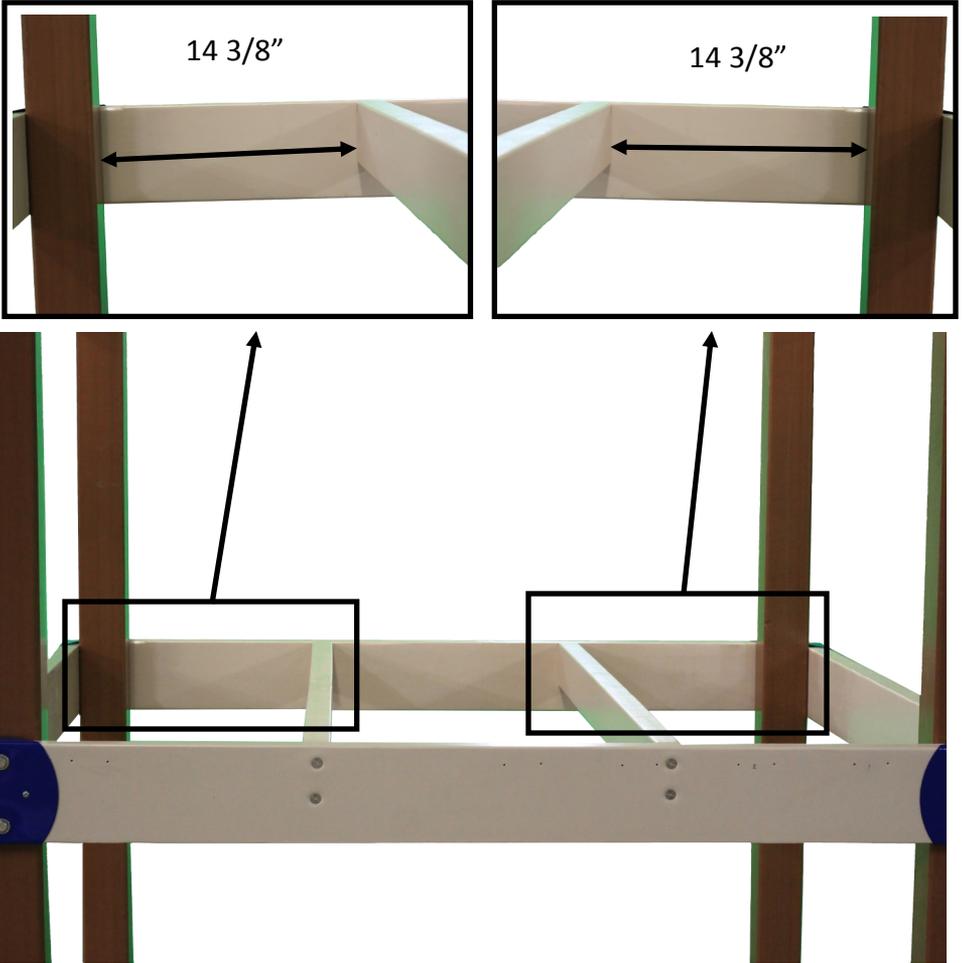
Square up all of the corners.



**HARDWARE**  
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40 - 4" LAGS W/WASHERS

## Step #6

Place 2 - #10 (2x4x53-7/8") boards in as floor joists. The top of the #10's must be flush with the top of the #1's that they are fastened to. Fasten each one with 4 - 4" screws (two at each end).

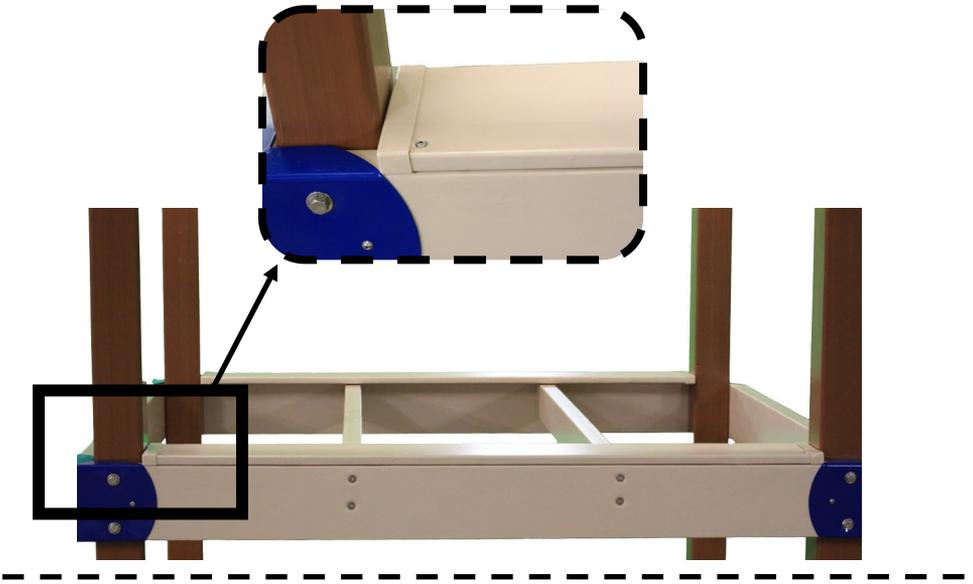


The floor frame is now complete.

**HARDWARE**  
*(THIS PAGE)*  
8 - 4" SCREWS

## Step #7

Place 2 - 1x6x49½” floor boards on each end of the tower and fasten with 2 - 1¾” washer head screws (one at each end).



## Step #7-A

Place 8 - 1x6x60” floor boards on the floor frame. Make the boards flush at both ends with the floor frame and fasten with 4 - 1¾” washer head screws (2 at each end).



Floor Board Screw Pattern

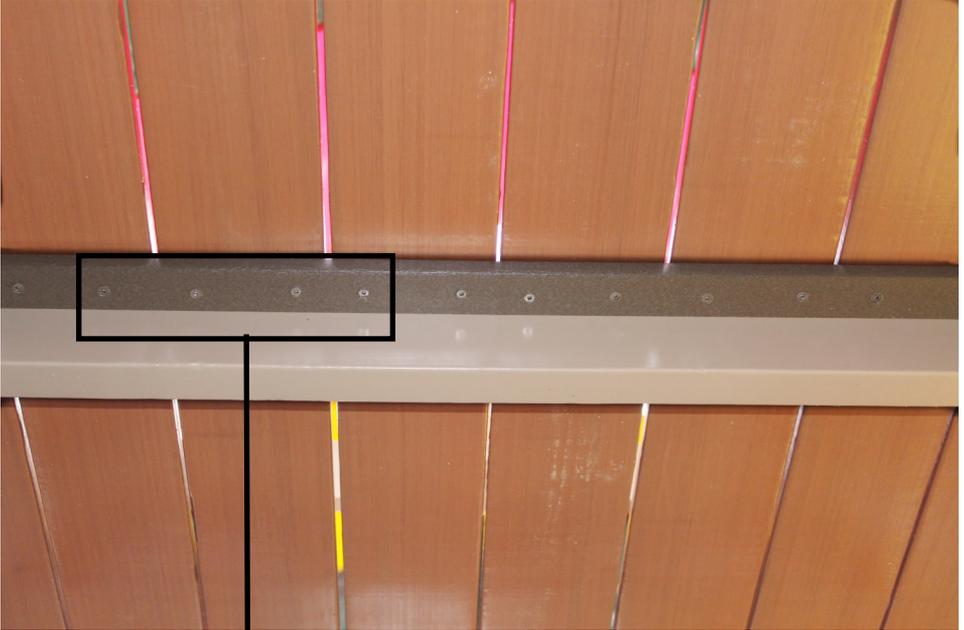


**HARDWARE**  
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36 - 1¾” WASHER HEAD SCREWS

## Step #8

Place a 53 $\frac{3}{4}$ " poly strip under the floor and fasten with 2 - 1 $\frac{1}{4}$ " screws per board. When finished fasten the poly strip to the 2x4 floor joist with 3 - 3" screws. Fasten through the 2x4 into the poly strip. (The floor must be down on floor joists before fastening).

Repeat on the other floor joist.



Fastening to 2x4 joist

**HARDWARE**  
*(THIS PAGE)*  
20 - 1 $\frac{1}{4}$ " SCREWS  
6 - 3" SCREWS

## Step #8 A

Place 4 short poly strips under the floor with one in each corner. Fasten with 2 - 1¼” screws per board.



**HARDWARE**  
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**16 - 1¼” SCREWS**

## Step #9

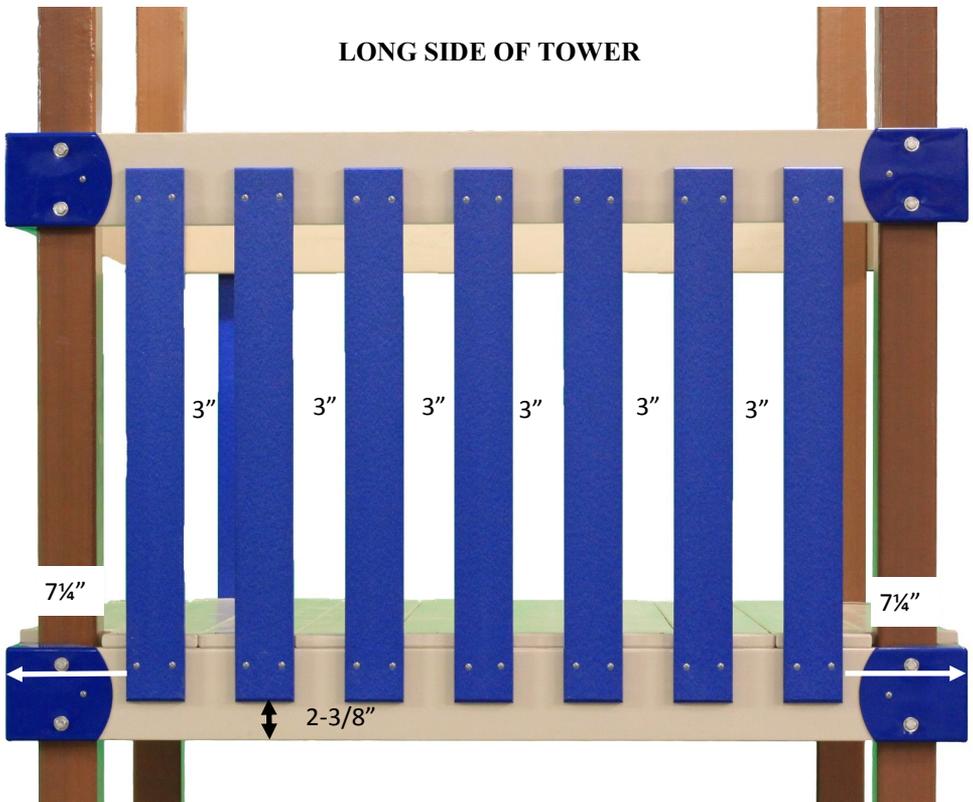
Attach the rail slats to the tower. Fasten each slat with 4 - 1 $\frac{1}{4}$ " washer head screws per slat. You will need to decide where you want the openings. A standard opening is 20 $\frac{1}{2}$ " wide. Your tower has enough slats included to enclose everything except two openings.

The standard spacing between slats is 3".

This is very flexible so you can make changes as needed to get the desired opening.

Pictured on this page and the next is the standard way to do two openings.

**There will be a light pencil mark on each slat to help you get the screws straight.**



**Repeat this on the opposite side of Tower**

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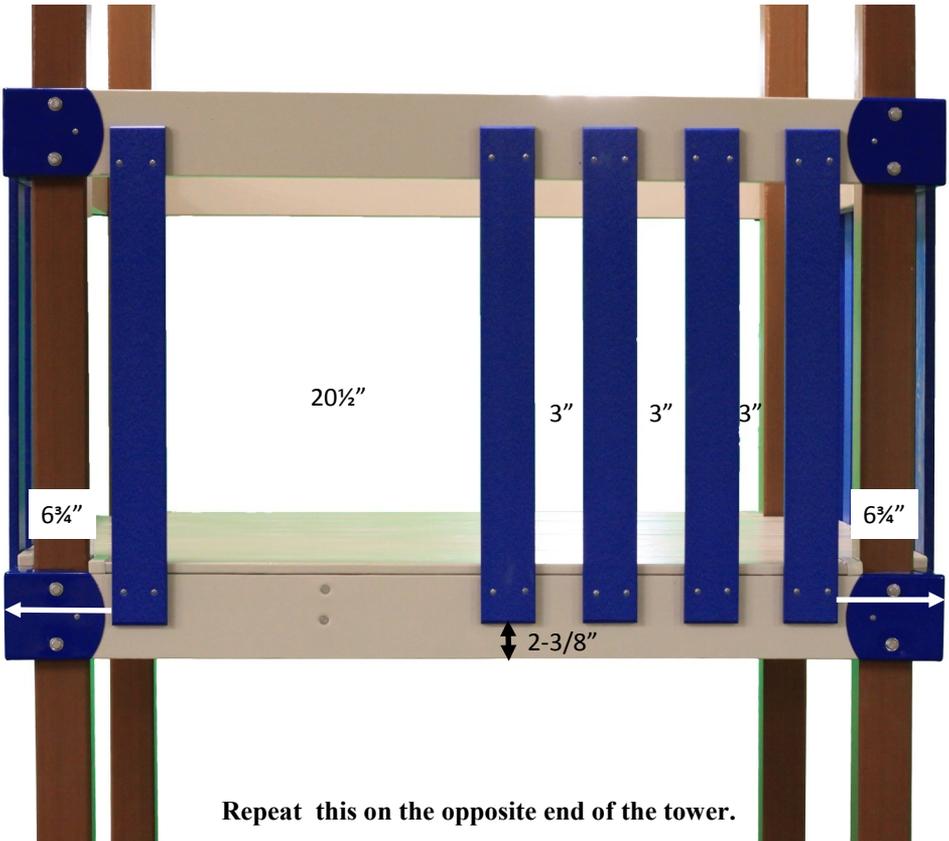
**HARDWARE**  
*(THIS PAGE)*  
56 - 1 $\frac{1}{4}$ " WASHER HEAD SCREWS

## Step #9 - Continued

You can adjust and change slats to make the openings where you would like them. You can also remove slats to make more openings.

There will be a light pencil mark on each slat to help you get the screws straight.

**THIS IS THE SHORT END OF THE TOWER.**

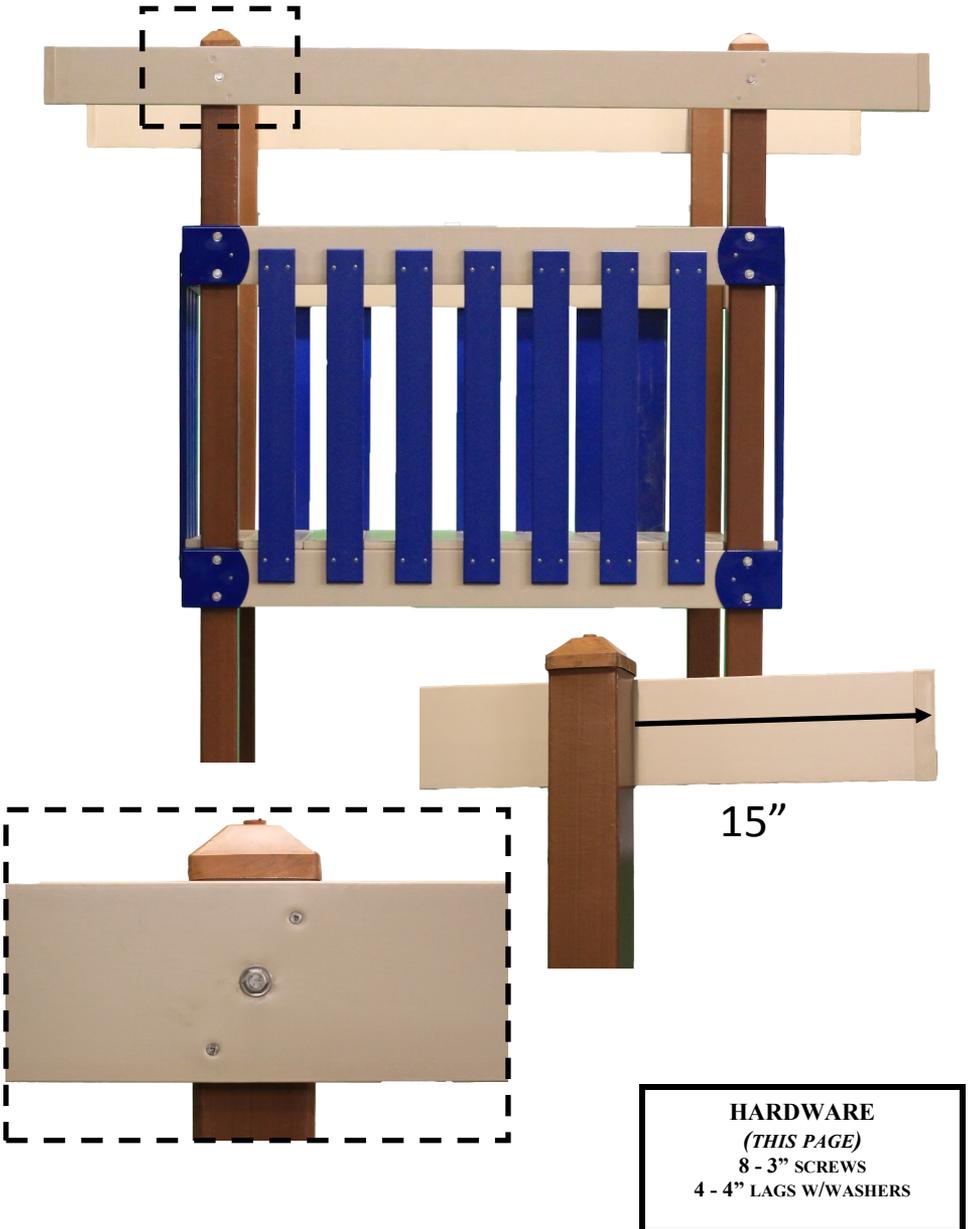


**HARDWARE**  
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40 -  $1\frac{1}{4}$ " WASHER HEAD SCREWS

## Step #10

Attach 1 - #2 (2x6x83<sup>3</sup>/<sub>4</sub>" ) on each side of the tower with 4 - 3" screws and 2 - 4" lags w/washers. Predrill for the lags with a 9/32" drill bit.

There should be an overhang of 15" beyond the outside of each post.



## Step #11

Attach 1 - #3 (2x6x72") at the ends of the #2 2x6s that you just put on in step #10 with 6 - 3" screws.



2x6 #3 that you are fastening



2x6 #2 that you  
attached in step #10

Repeat this on the opposite side of  
the tower.

**HARDWARE**  
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12 - 3" SCREWS

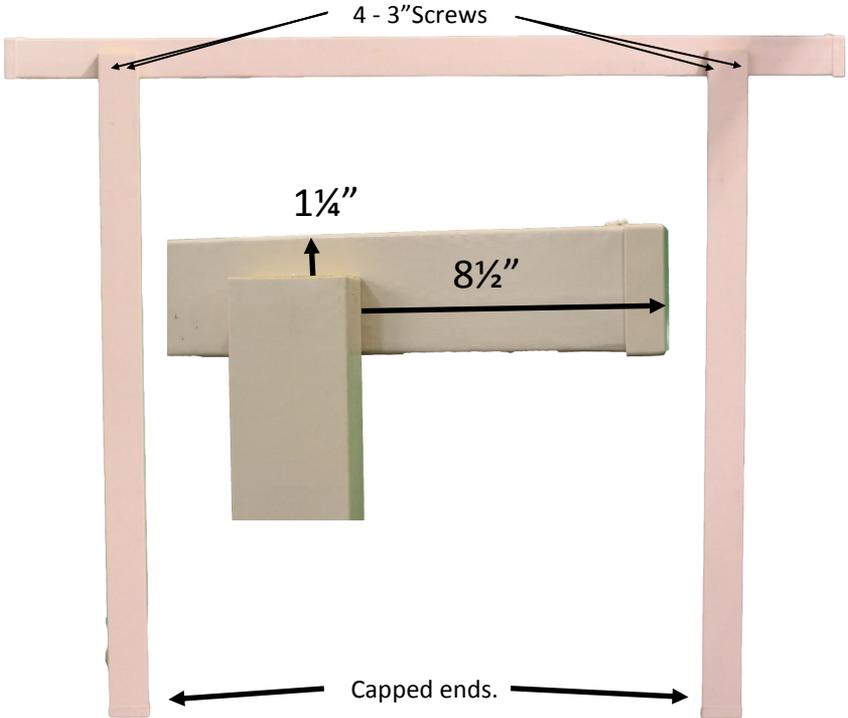
## Step #12

Assemble the canopy roof attachment.

Attach the #12 (2x4x74") board to the canopy roof upright #11 (2x4x60") boards with 2 - 3" screws per upright. Attach the uncapped ends of the #11's to the #12.

Fasten through the #11 uprights into the #12

Note the measurements below.



The #11 uprights must be square with the #12 top canopy 2x4.

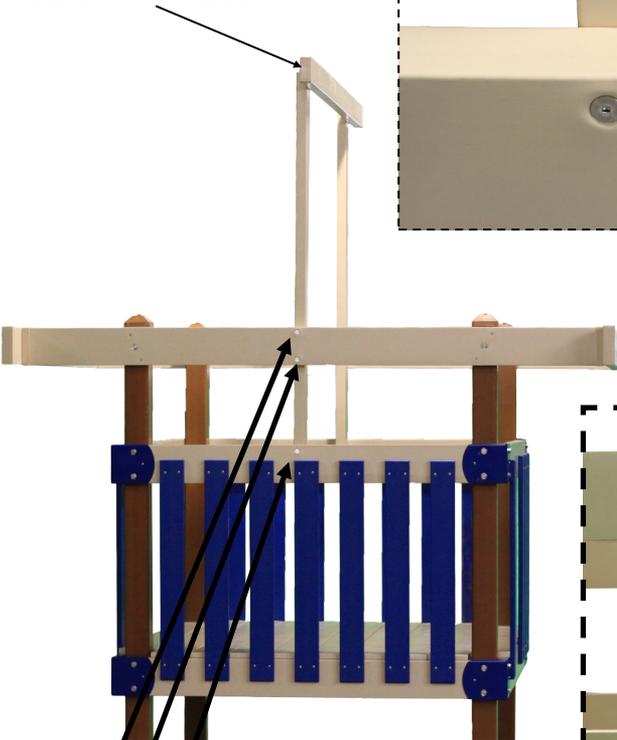
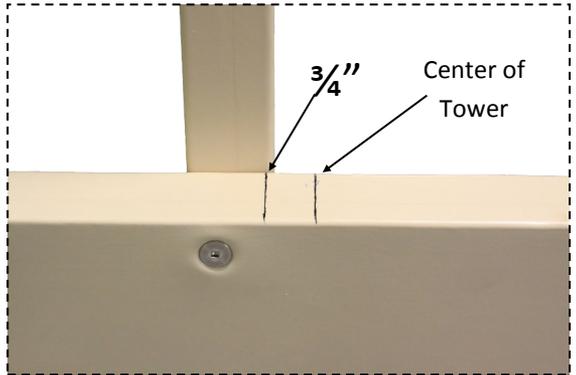


**HARDWARE**  
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4 - 3" SCREWS

## Step #13

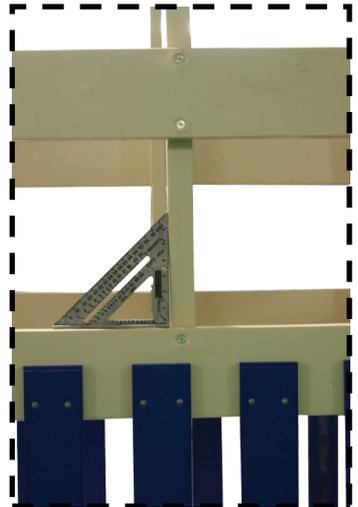
Place the canopy roof attachment on the tower. Find and mark the center of the tower. Then measure  $\frac{3}{4}$ " from the center. Attach the #11 upright with the edge that has the #12 on it at the  $\frac{3}{4}$ " mark so that the #12 is in the middle of the tower. Make the bottom of the uprights flush with the #1 2x6's. Fasten the upright with 1 - 4" screw on each end. Next square the canopy roof attachment with the tower and finish fastening it by adding 2 - 4" screws on each side as shown.

The #12 2x4 should be in center of the tower.



Place screws as shown.

Square and finish fastening.



**HARDWARE**  
*(THIS PAGE)*  
6 - 4" SCREWS

## Step #14

Attach the canopy roof to the tower



Center the canopy on the #3 2x6 and fasten with 7 - canopy screws

Drape the canopy over the #12 2x4.



Pull the canopy tight and fasten on the opposite side with 7 - canopy screws

**HARDWARE**  
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14 - CANOPY SCREWS

## Step #15

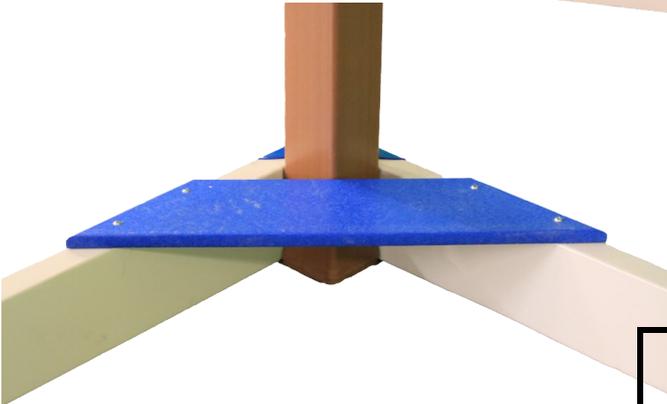
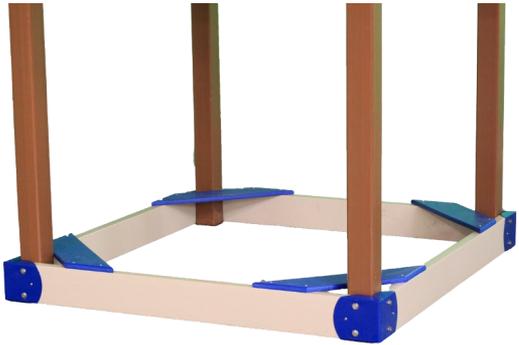
Pound 1 stake in each corner of the playset fasten with 1-1½ Lag per stake. Angle the stake slightly to increase hold.



## Step 15 A

Attach the Sandbox Seats.

Place 1 sandbox seat in each corner and fasten with 4 - 1¾" screws per seat.



**HARDWARE**  
*(THIS PAGE)*  
16 - 1¾" SCREW  
4 - 1½" LAG W/WASHER

## ***ACCESSORY INSTRUCTIONS***

### ***WAVE SLIDE INSTALLATION***

Center the Wave Slide in a standard opening. From outside the Tower make sure that the slide is not incorrectly angled to the right or left. Fasten the slide to the deck using 3 - Slide Screws with washers. Insert the screws through the deck and into the floor frame 2x4. Do not over tighten these screws. They can easily strip out and not hold. No fastening is required at the bottom of the slide.



### ***SCOOP WAVE SLIDE INSTALLATION***

- A. Center the Scoop Wave Slide in a standard opening. Make sure the upright mounting face of the slide is pushed against the Tower. Insert 1 — 4¼” lag bolt from the Scoop Wave Slide Hardware Pack (*packaged separately*) into each of the two holes in the upright mounting face. This should securely anchor the slide against the Tower.



- B. Use the remaining screws and washers from the Scoop Wave Slide Hardware Pack to fasten the slide to the deck as pictured at left. Do not over tighten these screws. They can easily strip out and not hold. No fastening is required at the bottom of the slide.

# ***ACCESSORY INSTRUCTIONS***

## ***ROCK CLIMB INSTALLATION***

- A. Place the Rock Climb in the center of a standard opening. Fasten the 1x6x20" piece to the rock climb with 4 - 3" screws and to the tower with 3 - 1½" washer head screws.



- B. Tie the rope to the top 2x6 and to the eye screw at the bottom of the rock climb. Make sure to pull the rope tight.



# **ACCESSORY INSTRUCTIONS**

## **STEP INSTALLATION**

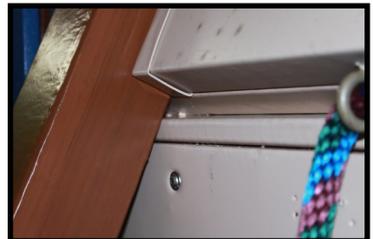
Place the steps in a standard opening. Angle the steps so that the step treads are level. Fasten it to the tower with 3 - 3" screws. Fasten from under the floor through the 2x6 into the 2x4.

Next place 2 - 3" screws through the 2x6 step upright into the top 2x4 so that the step doesn't swivel. There will already be 1 screw on each side.



## **CLIMB INSTALLATION**

Position the cargo net in a standard opening. The horizontal 2x4 at the top of the climb should rest securely against the floor (*inset picture*). Be sure that the top of the climb is in against the tower completely. Fasten the climb from underneath the floor up into the 4x4 of the cargo net with 4 - 3" screws.



## ***ACCESSORY INSTRUCTIONS***

### ***WAVE SLIDE INSTALLATION***

Center the wave slide in a standard opening. From outside the tower make sure that the slide is correctly angled, not to the right or left. Fasten the slide to the deck using 3 - slide screws with washers. Insert the screws through the deck and into the floor frame 2x4. Do not over tighten these screws. They can easily strip out and not hold. No fastening is required at the bottom of the slide.



### ***SCOOP WAVE SLIDE INSTALLATION***

- A. Center the scoop wave slide in a standard opening. Make sure the upright mounting face of the slide is pushed against the tower. Insert 1 - 4 $\frac{1}{4}$ " lag from the scoop wave slide hardware pack (*packaged separately*) into each of the two holes in the upright mounting face. This should securely anchor the slide against the tower.



- B. Use the remaining screws and washers from the scoop wave slide hardware pack to fasten the slide to the deck as pictured at left. Do not over tighten these screws. They can easily strip out and not hold. No fastening is required at the bottom of the slide.

# ***ACCESSORY INSTRUCTIONS***

## ***ROCK CLIMB INSTALLATION***

- A. Center the rock climb in a standard opening. Fasten the 1x6 piece to the rock climb with 4 - 3" screws and to the tower with 3 - 1½" washer head screws as shown.



- B. Tie the rope to the top 2x6 and to the eye screw at the bottom of the rock climb. Make sure to pull the rope tight.



# ***ACCESSORY INSTRUCTIONS***

## ***GANG PLANK INSTALLTION***

- ◆ Place the gang plank mounting face against the tower directly below a standard opening. The floor of the gang plank should be aligned with the floor of the tower. From underneath the tower, insert 2 - 3" screws through the floor frame and into the mounting face of the gang plank.
- ◆ Next install 2 - 3" lag bolts through the floor frame and into the mounting face of the gang plank. Pre-drill for each lag bolt with a 9/32" drill bit before installing the lag bolts.



Drill 4 - 3/4" holes in the rail slats at the top of the gang plank. The first set at 16" from the bottom of the slats and the second set at 27 1/2".

After the holes are drilled push the rope through the holes, pull tight, and make a knot to secure the rope.



# Take a Moment to Read What Our Customers Are Saying About Our Swing Sets:

*“I love the swing set. It’s sturdy and made very well. I’m confident my son is safe while he is playing in it. [The installer] was very nice and helpful and so is his [salesperson]. I definitely will recommend them to friends and family and anybody looking for a quality swing set. Thanks!”* - Chona Martin, Clayton, NC

*“We haven’t even had our play set a week, and we are in love with it! Thank you for everything!”*

*- Lisa Likowski, Wooster, OH*

*“I’m very happy in the quality of the set. I was a tool and die maker for almost forty years, I know quality and craftsmanship.”*

*- Ron Murphy, Osceola, IN*

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*Congratulations!*

*Assembly complete.*

*Enjoy your new product!*



*Thank You!*

*We appreciate your business.*