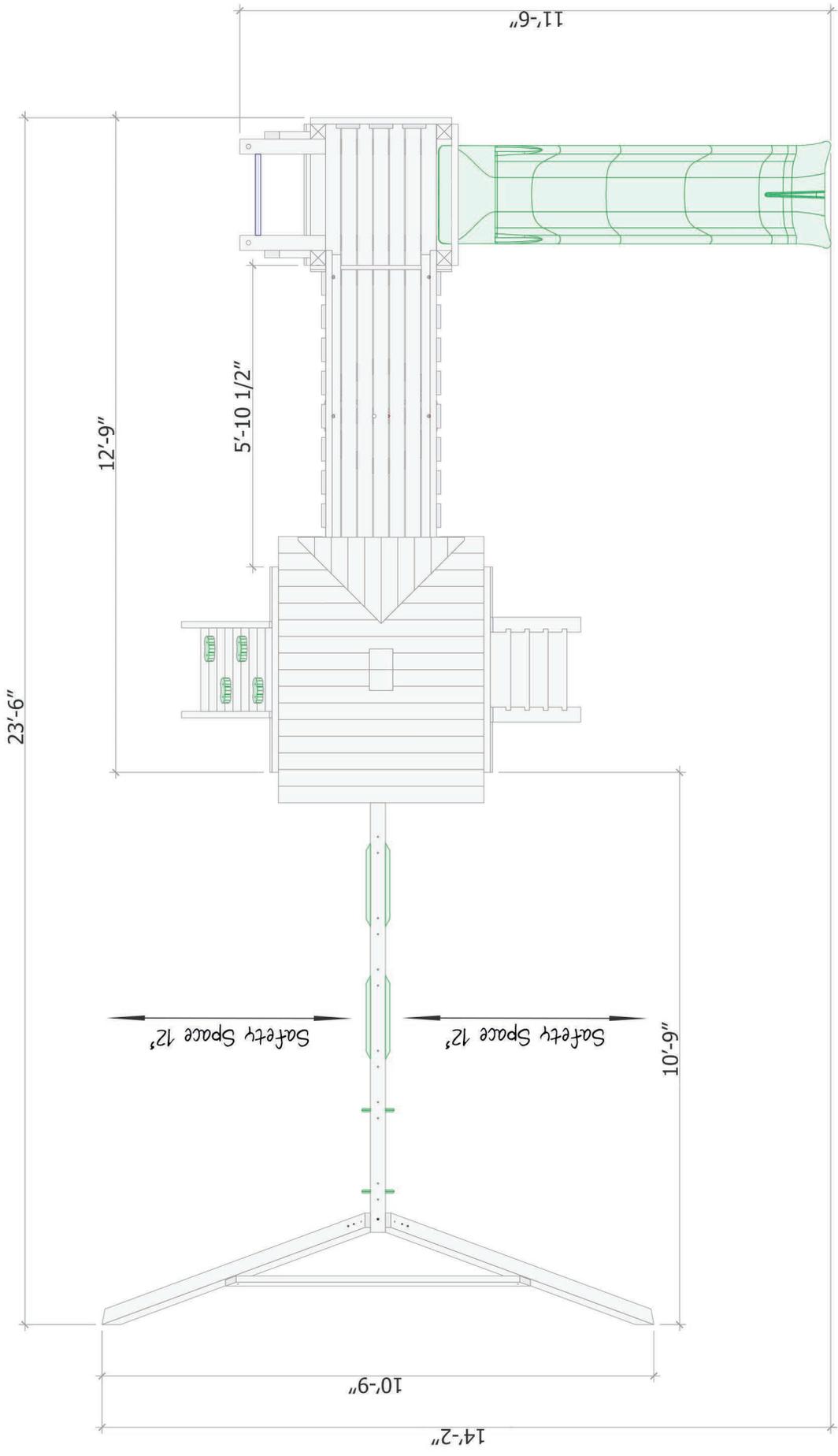


# Triumph Play Systems



## Festival Three Assembly Directions



Leave 6' For Safe Exit

# Festival Three

Scale: 1/2" = 1'-0"

Triumph Play Systems  
 15 Maple Ave  
 Ashburnham, MA





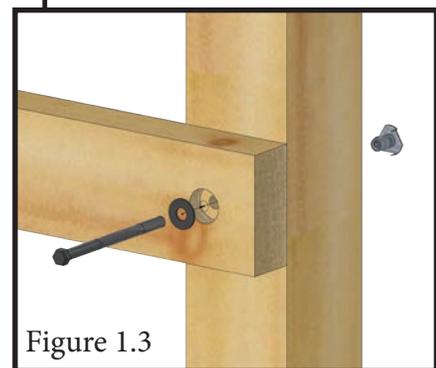
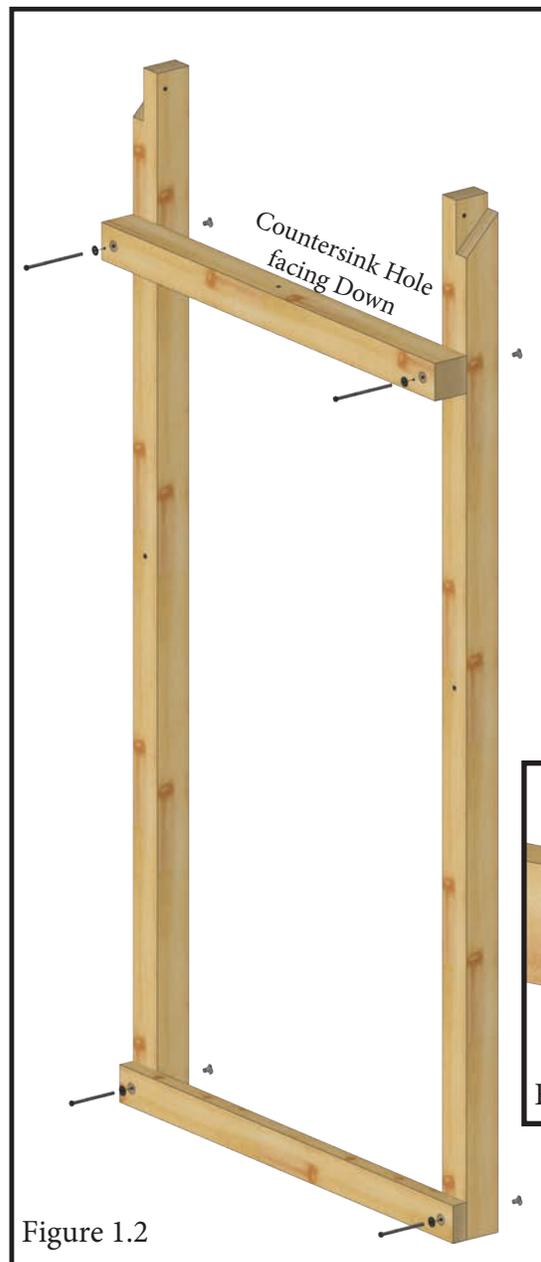
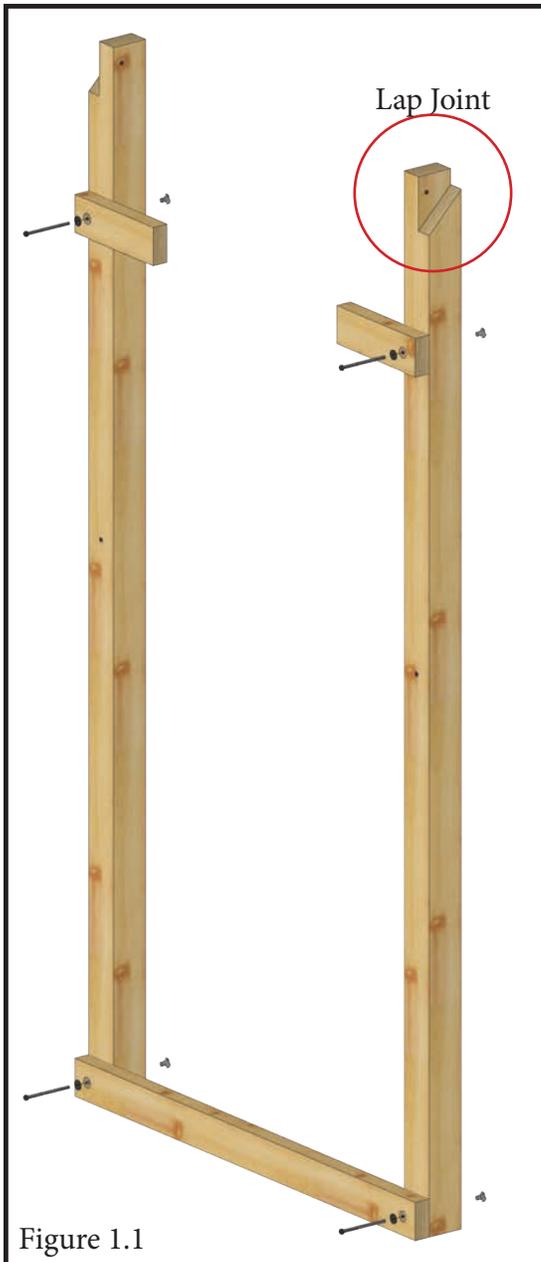
## Step One: Side Wall Assemblies

1.1 With a hammer, insert T-Nuts into Corner Post - L (2) and Corner Post - R (2) as shown. Note direction of the Lap Joints at the top of the posts.

1.2 Fasten Top Support (2) to the bottom of Corner post with 5/16 x 4-1/2 Hex Bolts with 5/16 washer as shown in Figure 1.1 and 1.2. Tighten until T-Nuts are flush with surface.

1.3 Fasten Top Support 12" (2) to Corner Post with 5/16 x 4-1/2 Hex Bolts with 5/16 washer as shown in Figure 1.1. Tighten until T-Nuts are flush with surface.

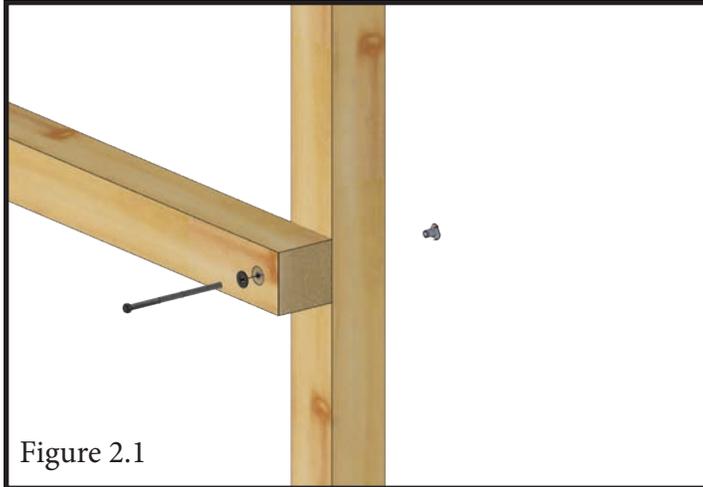
1.4 Fasten Swing Beam Support to Corner Post with 5/16 x 6 Hex Bolts with 5/16 washer as shown in Figure 1.2. Make sure the Countersink Hole in center is facing down.



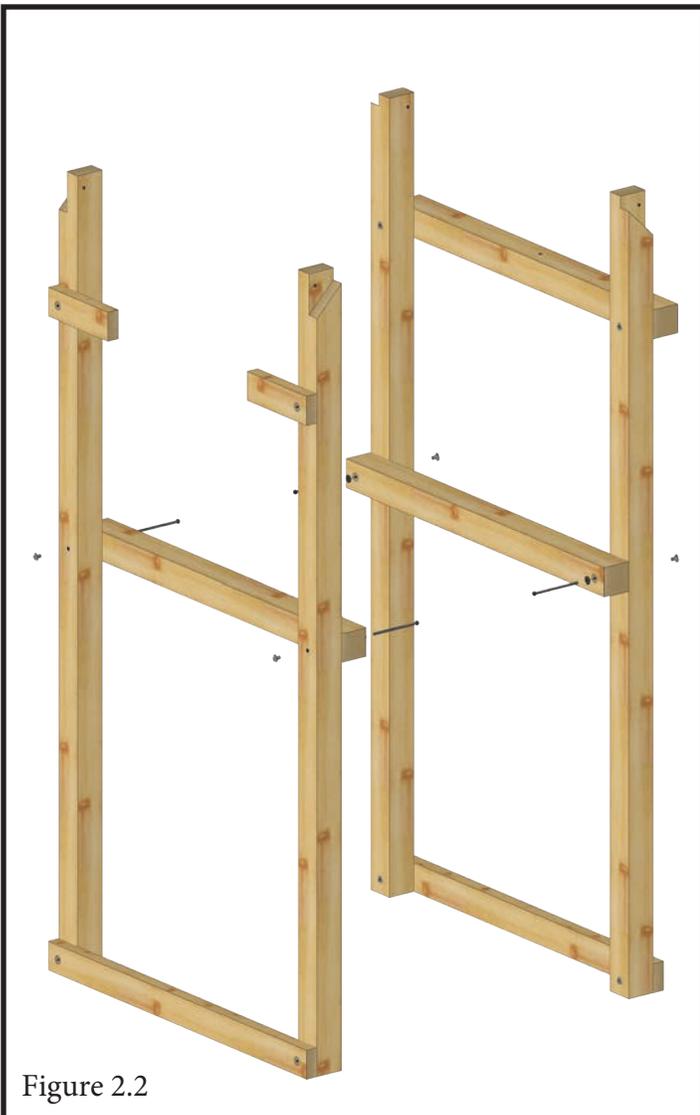
## Step Two: Deck Supports

2.1 With a hammer, insert T-Nuts into the outside of Corner Post - L and Corner Post - R as shown in Figure 2.2.

2.2 Fasten Deck Support to Corner Post with 5/16 x 6 Hex Bolts with 5/16 washer. Tighten until T-nuts are flush with surface.



2.3 Pre-drill and Fasten Deck Boards 41" to Deck Supports with #8x2-1/2 Screws (4 each) as shown in Figure 2.3.

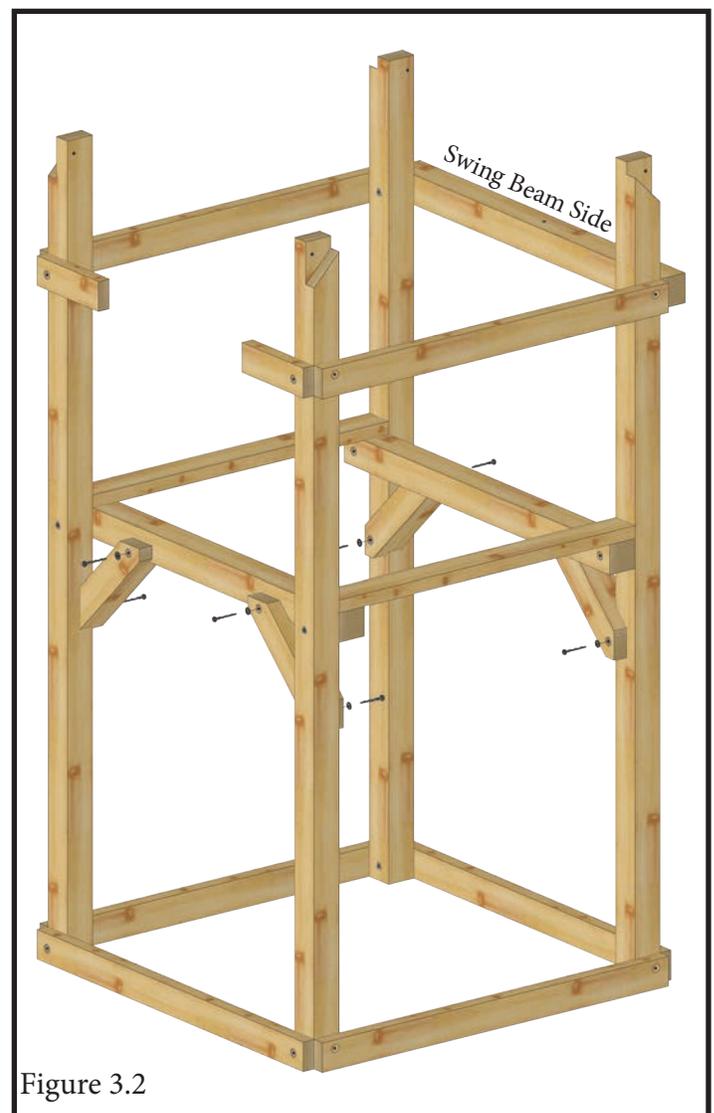


### Step Three:

3.1 Fasten Top Panel Offset 48" (4) to Corner Post with 5/16 x 3 Lag Bolt with 5/16 washer as shown in Figure 3.1. Drive lags until washer starts to "sink" into wood.

3.2 Place the tower in desired location. Check for square, level under the frame and check the posts for plumb.

3.3 Fasten Slim Sams (4) to Corner Posts and Deck Supports with 5/16 x 3 Lag Bolts with 5/16 washer as shown in Figure 3.2.



## Step Four: Lower Walls

4.1 Measure up from ground 22-1/2 inches and mark the corner posts.

4.2 Fasten Top Panel Offset 48" (3) to Corner Post with 5/16 x 3 Lag Bolts with 5/16 washer as shown in Figure 4.0. Be sure to flip the orientation as you go to avoid the lags colliding in each corner post.

4.3 Fasten Top Panel Offset 12" to Corner Post with 5/16 x 3 Lag Bolts with 5/16 washer as shown in Figure 4.0.

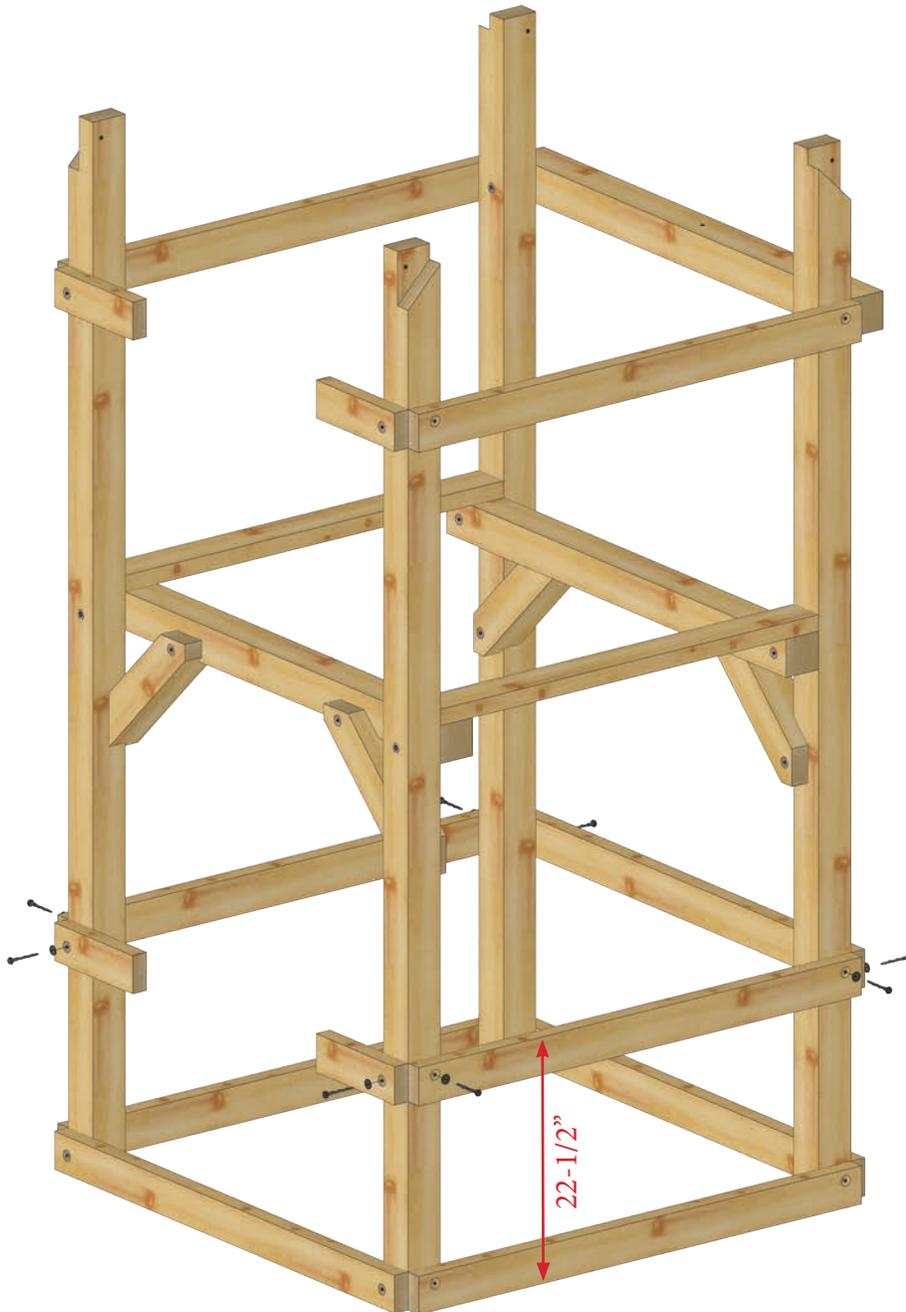


Figure 4.0

## Step Five: Lower Wall Slats

5.1 Pre-drill and fasten Slat 22.5 to Top Panels with #8x2 screws as shown in Figure 5.0. (Spacing between slats is about 2-1/4")

5.2 Pre-drill and fasten Counter 48" to Top Panels with #8x2 screws as shown in Figure 5.1.

5.3 Pre-drill and fasten Counter 12" to Top Panel 12" with #8x2 screws as shown in Figure 5.1.



Figure 5.0

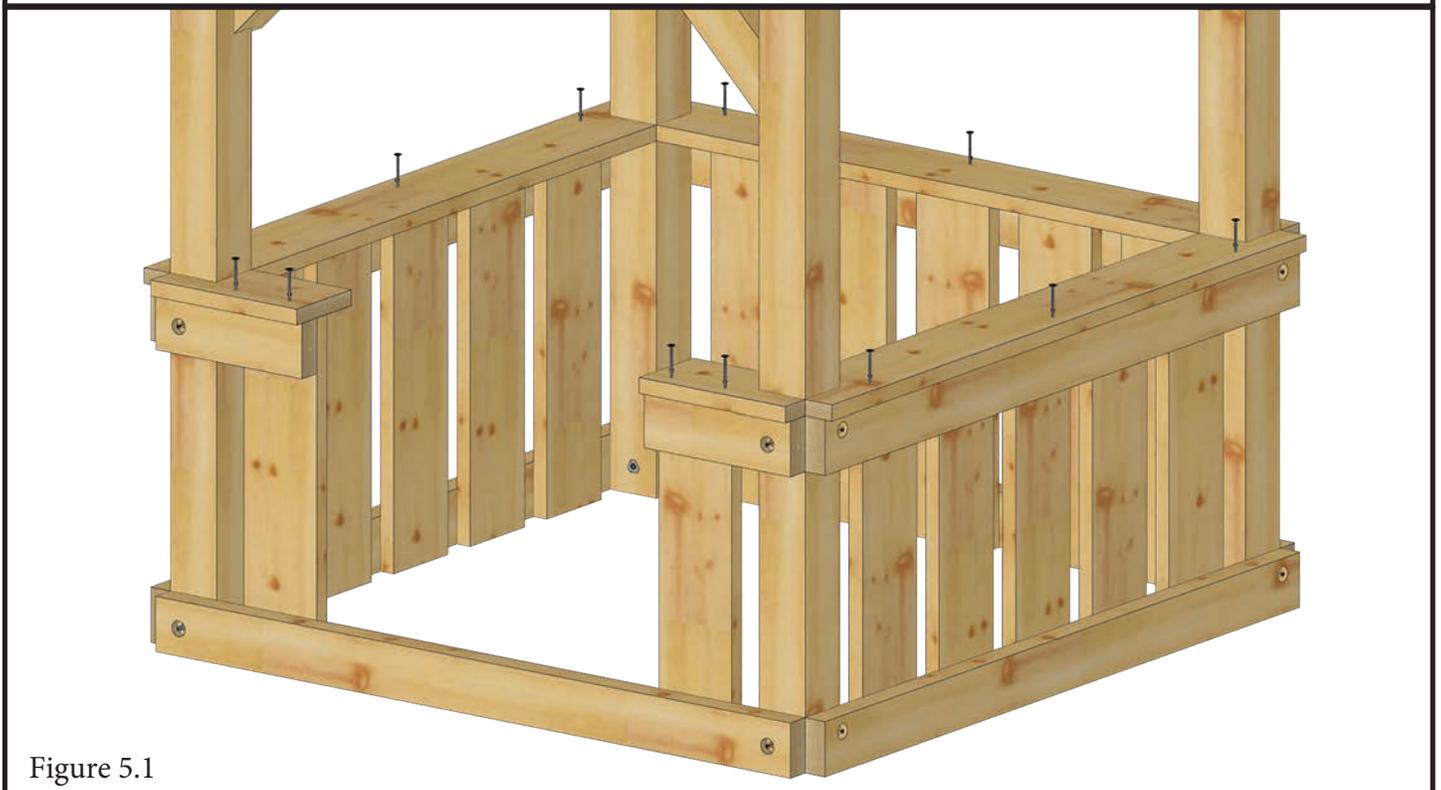


Figure 5.1

## Step Six: Deck Boards

6.1 Pre-drill and evenly space out deck board 48".

6.2 Fasten Deck Boards 48" to Deck Supports with #8x2-1/2" screws (4 each) as shown in Figure 6.1.



Figure 6.0 Shows how to use the screws for spreading out deck boards with even spacing.

## Step Seven: Wall Slats

7.1 Pre-drill the top of the Pocket Slat 28”.

7.2 With roughly 2-1/4” spacing between slats, fasten the Pocket Slat 28” Boards down to the decks with 2” Screws as shown in Figure 7.2.

7.3 Fasten the top of the Pocket Slat 28” with 2” Screws as shown in Figure 7.1.

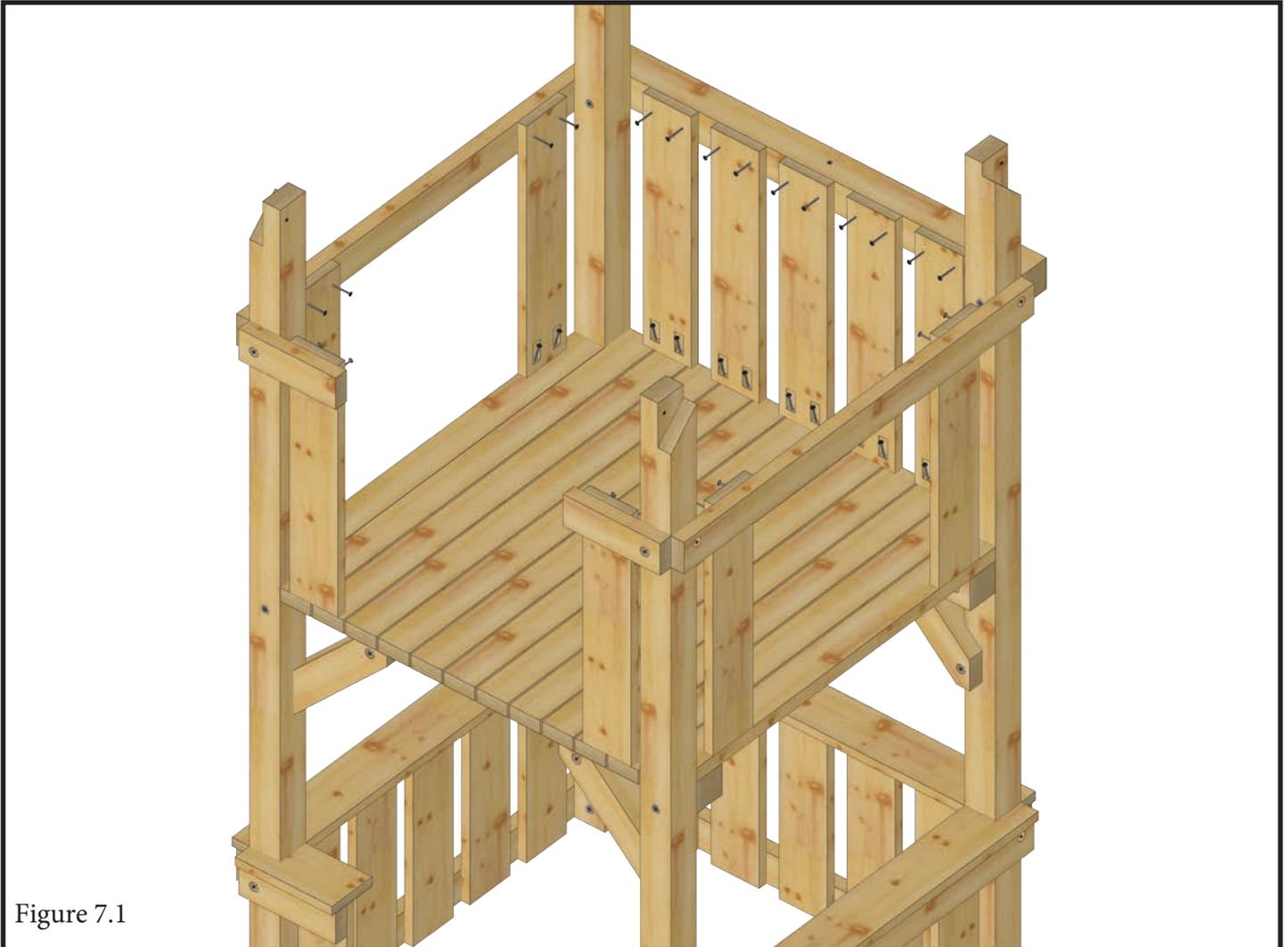
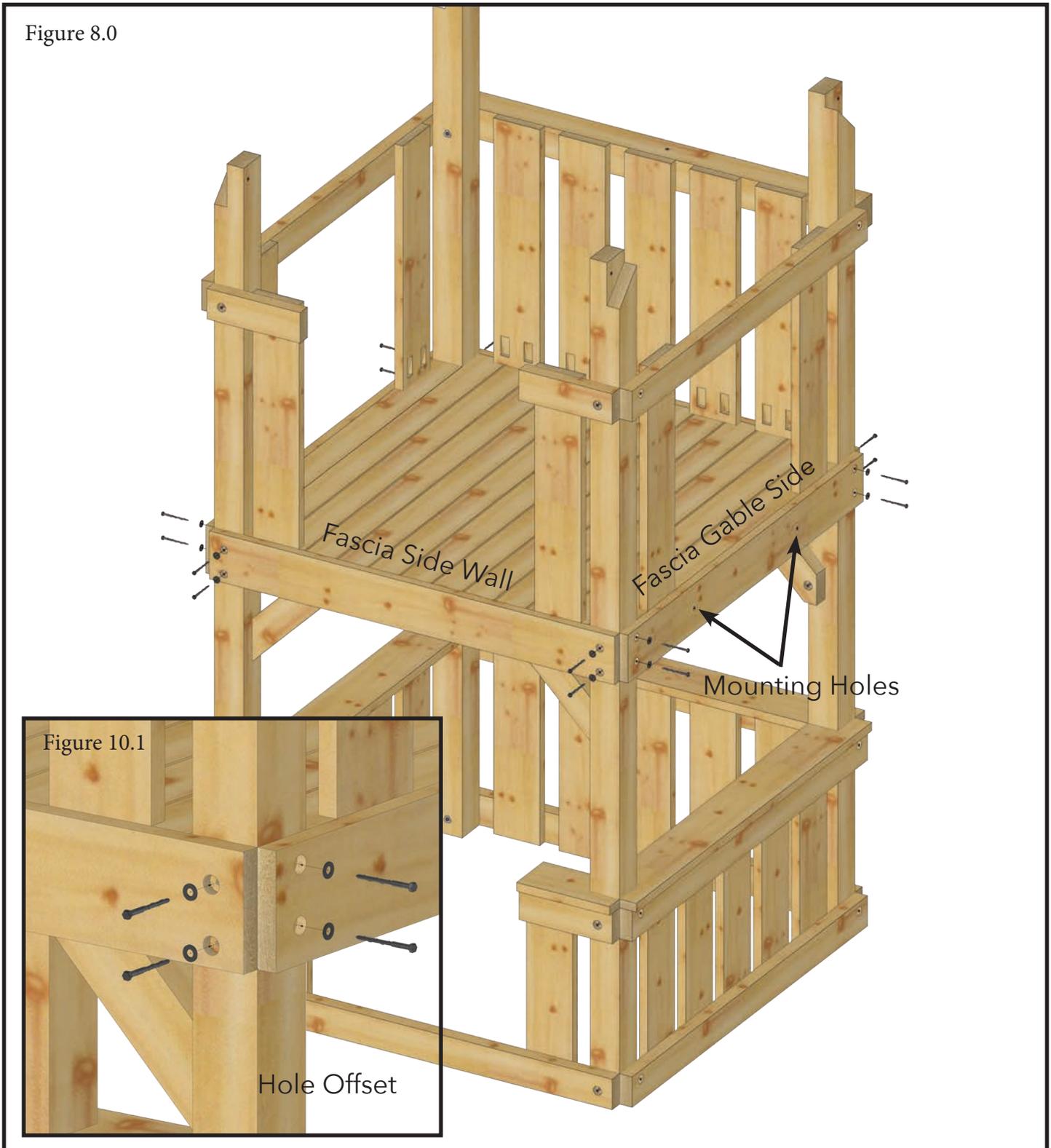


Figure 7.2 Shows how the large pockets allow for angling the screws to ensure alignment into the deck boards.

## Step Eight: Fascia Boards

8.1 Fasten Fascia Side Wall (2) to Corner Post with 1/4 x 2-1/2 Lag Bolts with 1/4 washer as shown in Figure 8.0.

8.2 Fasten Fascia Gable Wall (2) to Corner Post with 1/4 x 2-1/2 Lag Bolts with 1/4 washer as shown in Figure 8.0. Mind the offset pattern as shown in Figure 8.1.



## Step Nine: Rock Wall Pre-Assembly

9.1 Measure up from the bottom (back) of Rock Wall Runners 2-3/8" and Mark.

9.2 Pre-drill and fasten Slat 22.5" (9) to Rock Wall Runners with 2" Screws.

Figure 9.1

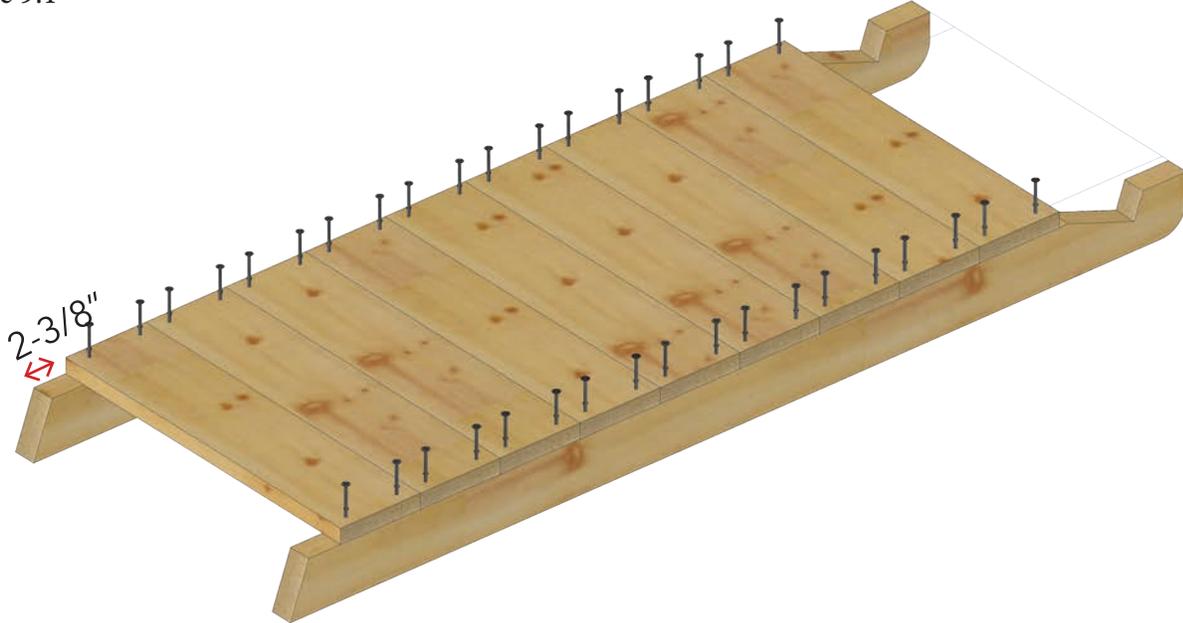


Figure 9.2



9.3 Place plastic Rocks in desired positions.

9.4 With a 3/8 drill bit, drill holes through the rock and the slat.

9.5 Hammer in T-Nuts to back of the wall.

9.6 Fasten plastic rocks with 5/16" x 1-1/2" hex bolts with 5/16" washers.

## Step Ten: Ladder Pre-Assembly

10.1 Place Ladder Steps into Dado pockets of Ladder Runners as shown in Figure 10.1.

10.2 Pre-drill and fasten Steps with 4" Screws as shown in Figure 10.1.

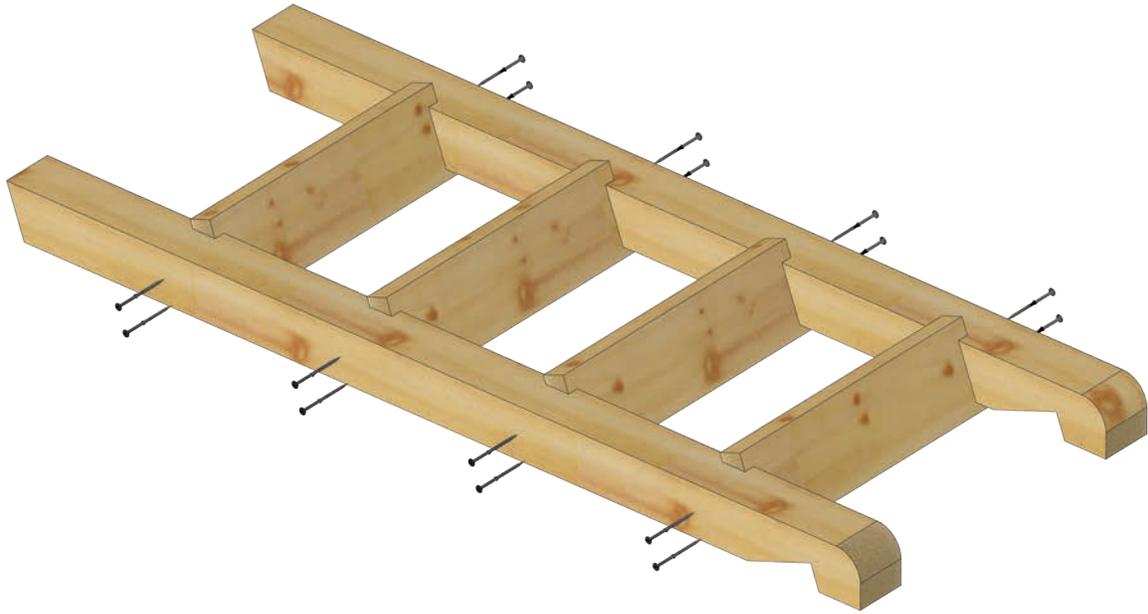


Figure 10.0



Figure 10.1

## Step Eleven: Attaching the Rock Wall & Ladder

11.1 Fasten Rock Wall Assembly to Fascia Gable Side with 5/16" x 3" Lag Bolts with 5/16" washer as shown in Figure 11.1.

11.2 Fasten Ladder Assembly to Fascia Gable Side with 5/16" x 3" Lag Bolts with 5/16" washer as Shown in Figure 11.2.



Figure 11.0



Figure 11.1



Figure 11.2



Figure 11.3

## Step Twelve: Tower

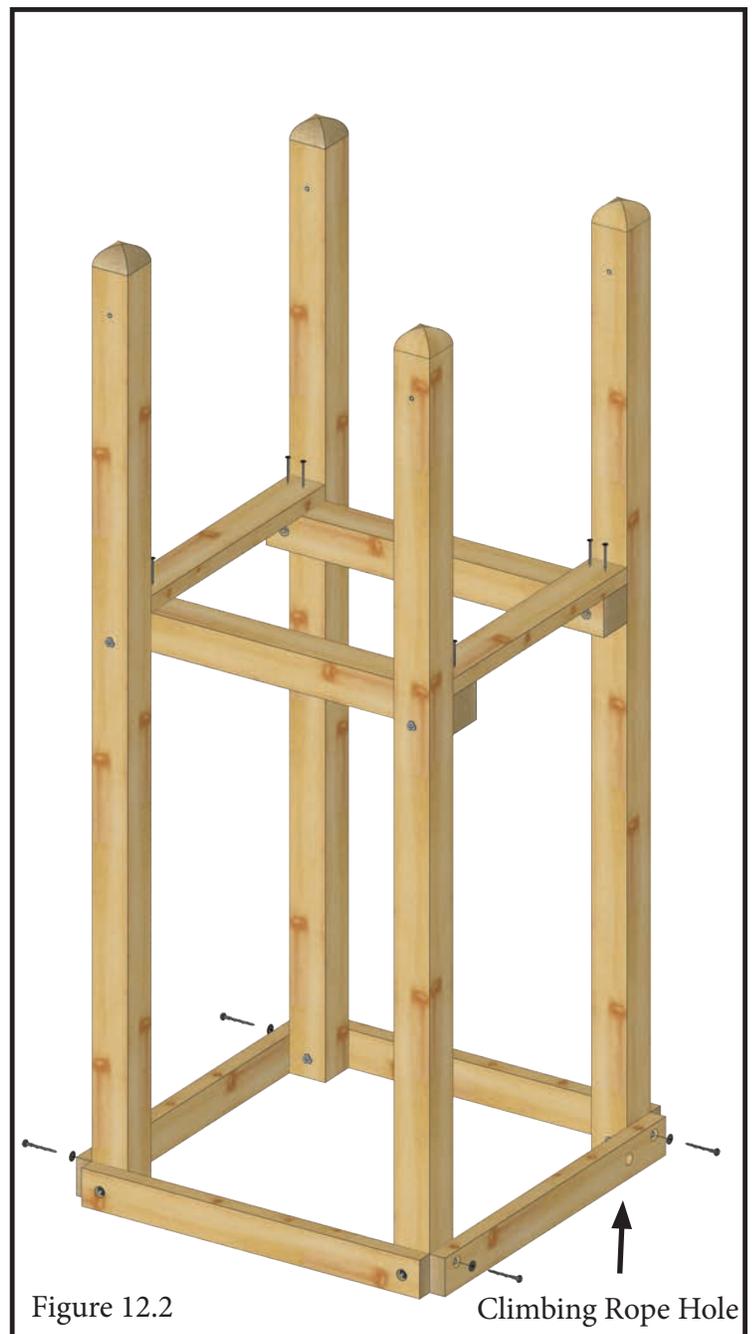
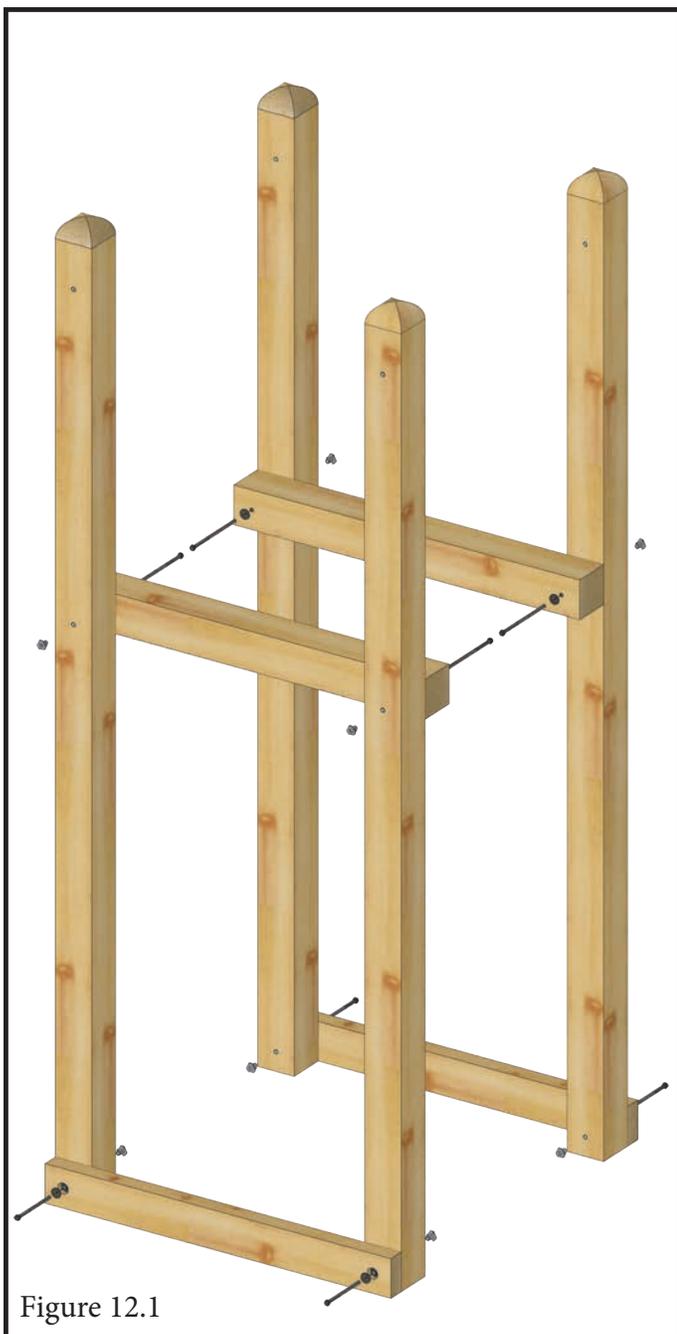
12.1 With a hammer, insert T-Nuts into Tower Posts as shown in Figure 12.1.

12.2 Fasten Top Support 33" to bottom of Tower post with 5/16 x 4-1/2 Hex Bolts with 5/16 washer as shown in Figure 12.1.

12.3 Fasten Deck Support 33" to Posts with 5/16 x 6 Hex Bolts with 5/16 washer.

12.4 Pre-drill and Fasten Deck Boards 26" to Deck Supports with #8x2-1/2" Screws (4 each) as shown in Figure 12.2.

12.5 Fasten Top Panel Offset 33" and Top Panel (Rope) 33" to bottom of Post with 5/16 x 3 Lag Bolt with 5/16 washer as shown in Figure 12.2.



### Step Thirteen: Tower (continued)

13.1 Pre-drill and evenly space out deck board 33".

13.2 Fasten Deck Boards 33" to Deck Supports with #8x2-1/2" screws (4 each) as shown in Figure 13.1.

13.3 Fasten Fascia to Tower Post with 1/4 x 2-1/2 Lag Bolts with 1/4 washer as shown in Figure 13.2. Mind the offset pattern.



Figure 13.1

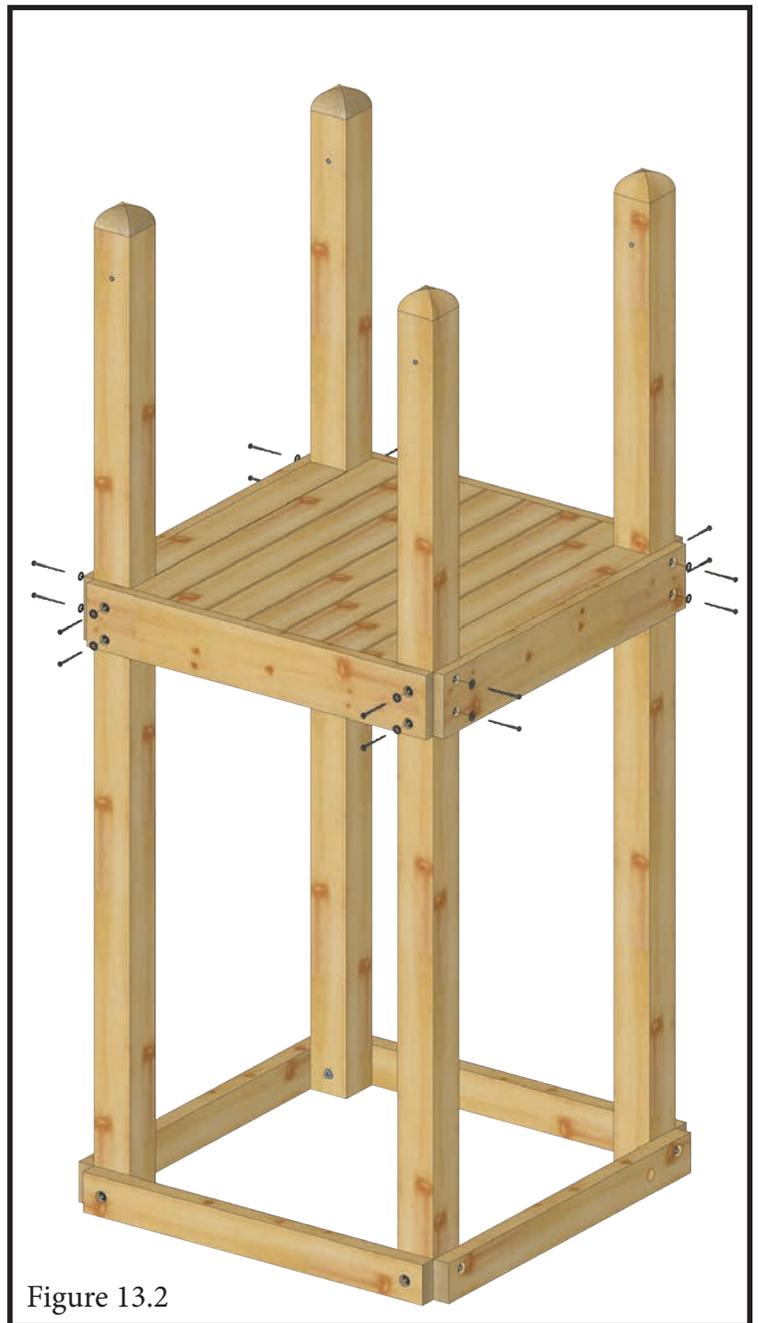


Figure 13.2

## Step Fourteen: Bridge Pre-assembly

14.1 Fasten GW Deck Supports (2) to Bridge Supports with 5/16 x 4-1/2 Hex Bolts and 5/16 washer into T-Nut as shown in Figure 14.1.

14.2 Fasten GW Tire Support to Bridge Supports with 5/16 x 4-1/2 Hex Bolts and 5/16 washer into T-Nut as shown in Figure 14.1.

14.3 Fasten Tire Swivel to GW Tire Support with 5/16 x 1-3/4 Hex Bolts and 5/16 washer into T-Nut as shown in Figure 14.1. Snap spring clip.

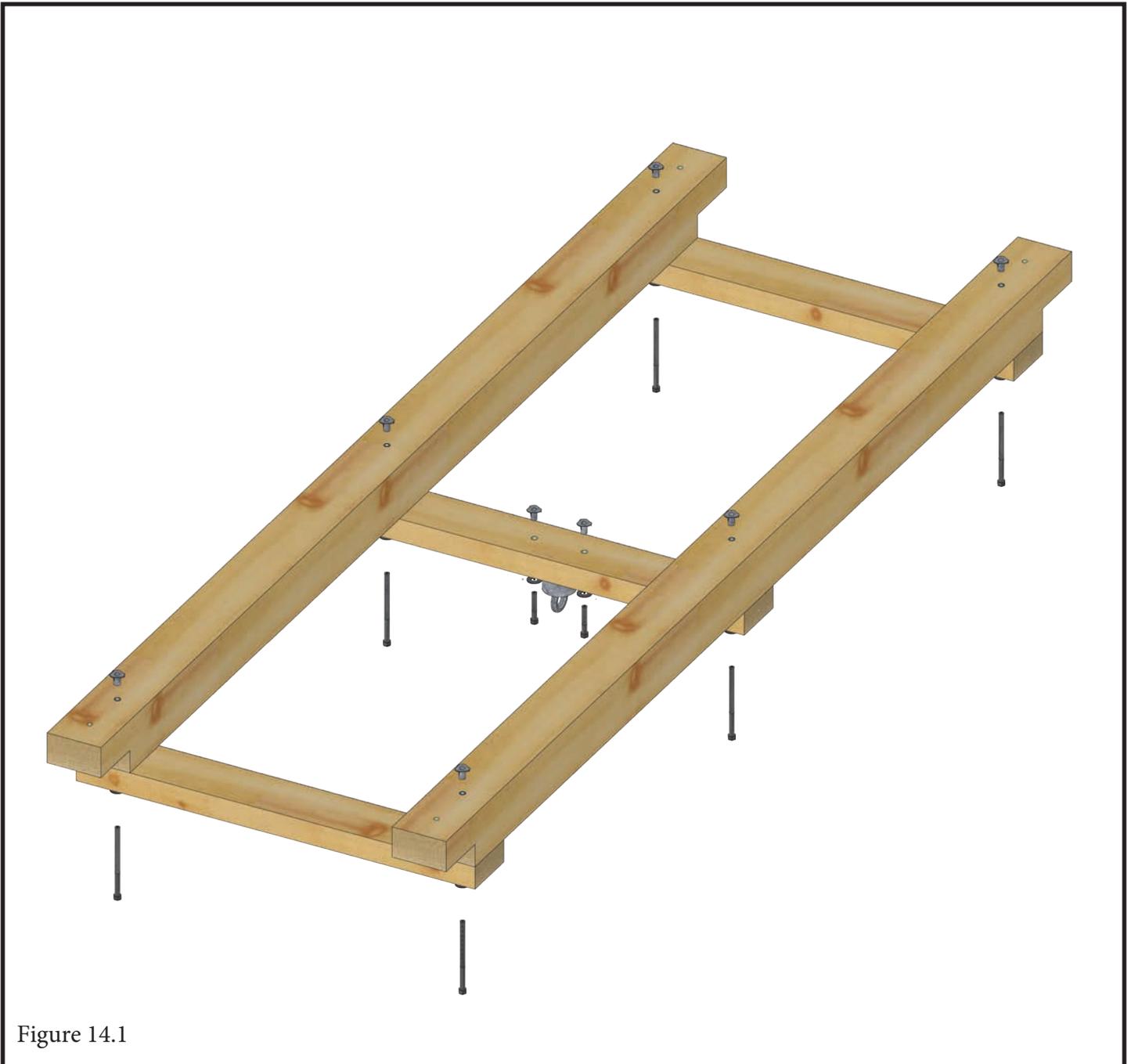


Figure 14.1

## Step Fifteen: Bridge attachment

15.1 Fasten Bridge Assembly down into deck of both towers with 5/16 x 3 Lag Bolts with 5/16 washer. Note: The Towers need to be level with each other. Level Small Tower as needed.

15.2 Pre-drill and Fasten Bridge Rails to Top Support 12" with #8x2-1/2" screws as shown in Figure 15.1.

15.3 Fasten Bridge Rails to the Tower Posts with 5/16 x 3 Lag Bolts with 5/16 washer. Make sure the Rails are level with the Bridge Supports on both ends.



Figure 15.1

## Step Sixteen: Bridge (continued)

16.1 Pre-drill and fasten Bridge Deck Boards down with 2-1/2" Screws as shown in Figure 16.1.



Figure 16.1

## Step Seventeen: Firepole / Rope

17.1 Fasten Firepole Beams into Tower posts with 5/16 x 6 Hex Bolts with 5/16 washer into T-nuts as shown in Figure 17.2. Make sure the Firepole holes are facing down.

17.2 Fasten Slim Sams to Tower Posts and Firepole Beams with 5/16 x 3 Lag Bolts with 5/16 washer as shown in Figure 17.2.

17.3 Dig a hole directly under the firepole, about 8" down. Insert the Firepole into the Firepole beam, and fill in under the pole with something rigid, such as a flat rock, paver or brick, to ensure the pole does not sink. Concrete can also be used.

17.4 Tie the Rope through the Firepole Beam. Tie 7 knots down the rope, and tie through the rope hole in the Top Panel 33" as shown in Figure 17.3.

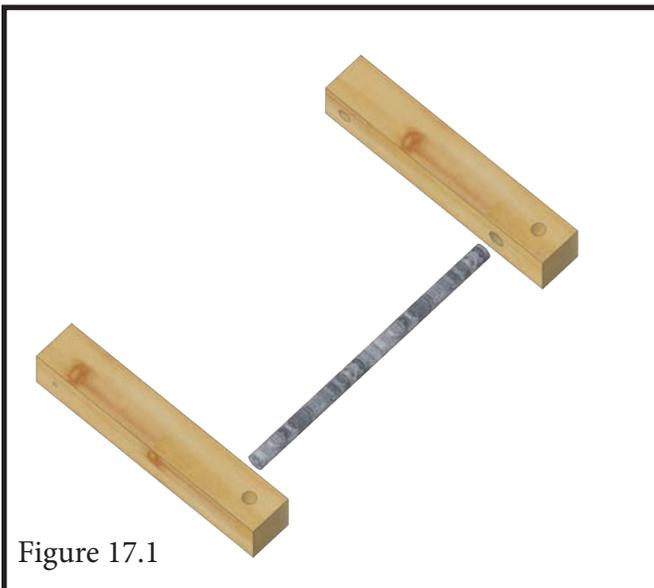


Figure 17.1

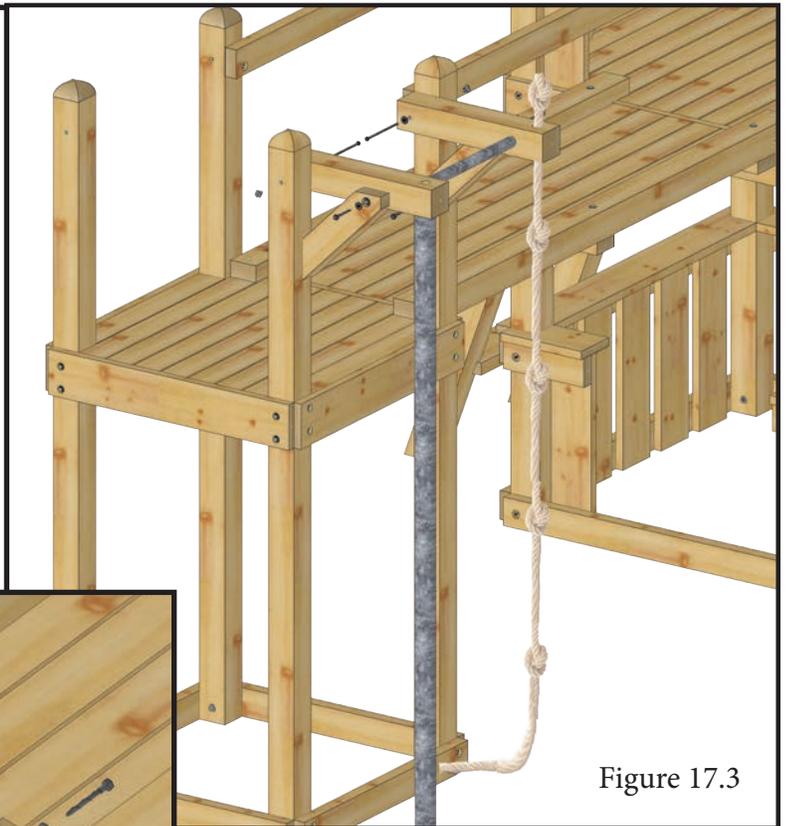


Figure 17.3

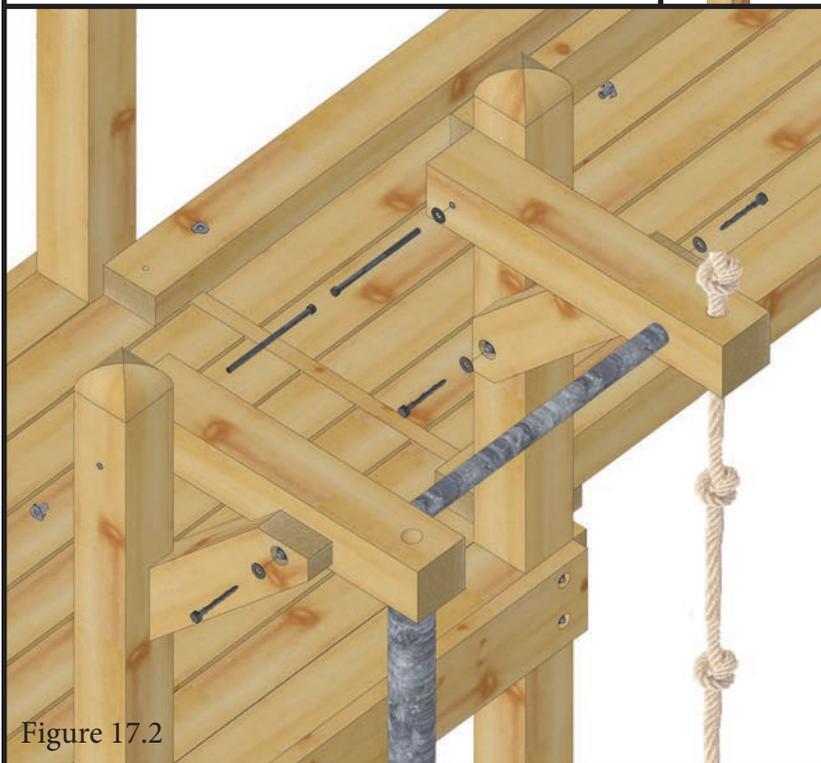


Figure 17.2

## Step Eighteen: Bridge and Tower Slats

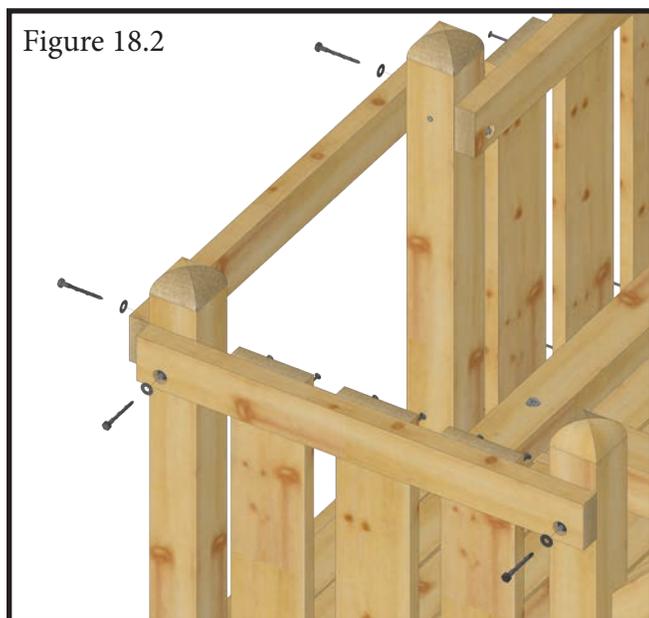
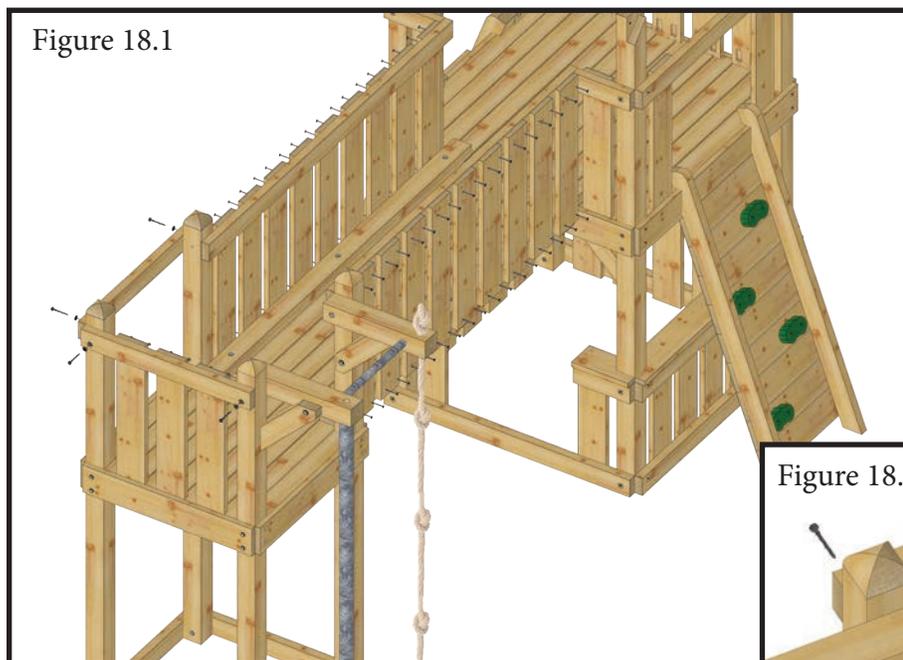
18.1 Pre-drill and fasten Slat 29.5" as shown in Figure 18.4. Space out evenly, leaving about 2-1/4" between boards.

18.2 Fasten Top Panel Offset 33" to Tower Posts with 5/16 x 3 Lag Bolts with 5/16 washer as shown in Figure 18.2.

18.3 Pre-drill the top of the Pocket Slat 28" Boards.

18.4 With roughly 2-1/4" spacing between slats, fasten the Pocket Slat 29.5" Boards down to the tower decks with 2" Screws as done in Step 7 and shown in Figure 18.3.

18.5 Fasten the top of the Pocket Slat 28" with 2" Screws as shown in Figure 18.3.

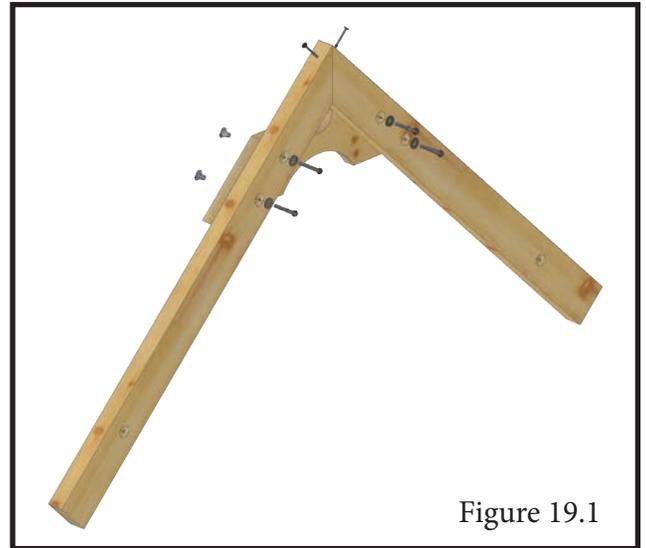


## Step Nineteen: Wood Roof

19.1 Fasten Roof Rafter-L and Roof Rafter-R to Roof Brace with 5/16" x 2" Hex Bolts with 5/16" washers into T-Nuts as shown in Figure 19.1. Repeat for opposite peak side.

19.2 Add two 2" screws to align each peak.

19.3 Fasten Rafter Assembly to Corner Post with 5/16" x 3" Hex Bolts with 5/16" washer into T-Nuts as shown in Figure 19.2.



19.4 Pre-drill and fasten Roof Peak Boards to Rafter Assembly with 2" Screws as shown.

19.5 Pre-drill and fasten Cupola to Roof Peak Board with 2" Screws as shown (2 per side).

19.6 Pre-drill and fasten Cupola Roof to Cupola with 2" Screws as shown (2 per side).



## Step Twenty : Wood Roof (cont.)

20.1 Pre-drill and fasten remaining Roof Boards (7 on swing beam side and 4 on bridge side) to Rafter Assembly with 2" Screws.

20.2 Pre-drill and fasten Roof Cut Out 1, 2 and 3, in proper size order, to Rafter Assembly with 2" Screws as shown in Figure 20.0.

Figure 20.0

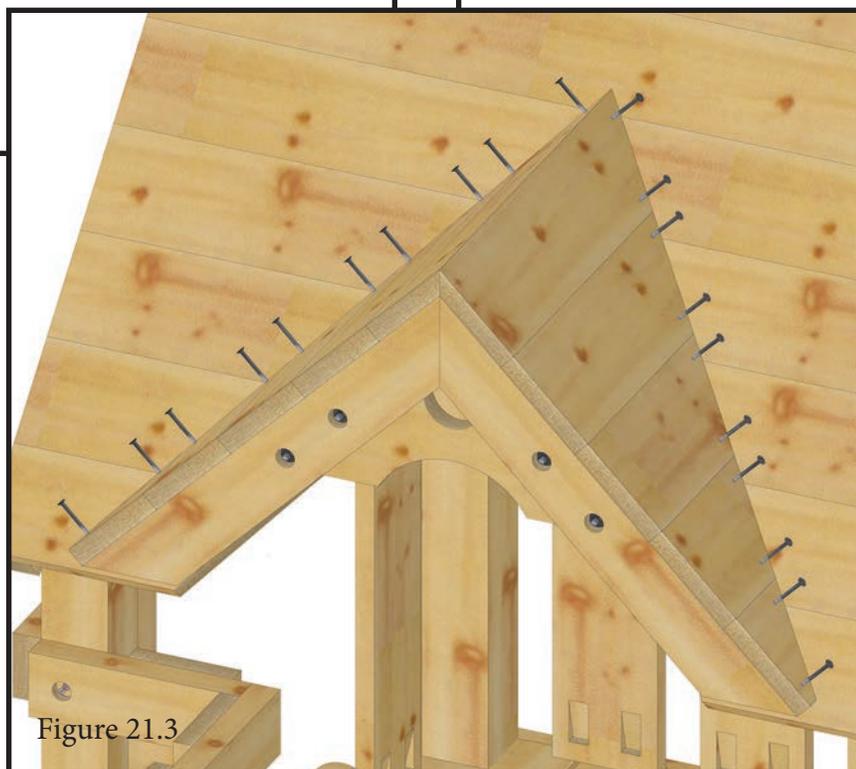
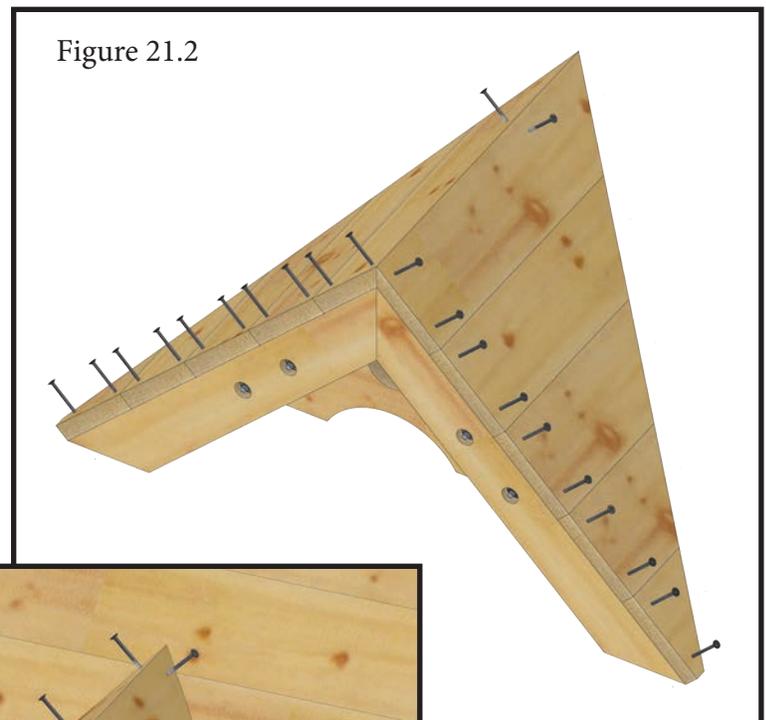
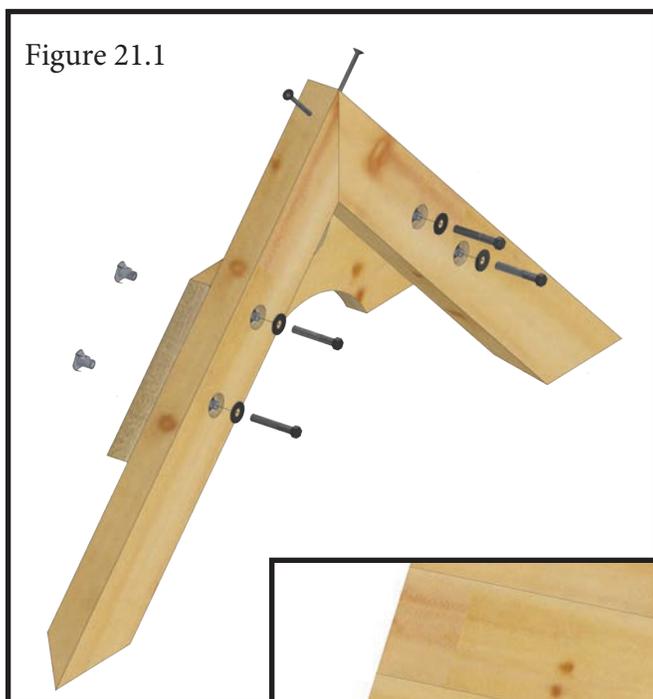


## Step Twenty-One: Dormer

21.1 Fasten Dormer Support-L and Dormer Support-R to Roof Brace with 5/16" x 2" Hex Bolts with 5/16" washers into T-Nuts as shown in Figure 21.1. Add two 2" screws to align each peak.

21.2 Pre-drill and fasten Dormer Boards (Peak L/R, 1 L/R, 2 L/R, 3 L/R, 4 L/R) in proper size order, to Dormer Support Assembly with 2" Screws as shown in Figure 21.2. Add two 2" screws to peak boards.

21.3 Pre-drill and fasten Dormer Assembly to Main Roof with 1-3/4" screws as shown in Figure 21.3.



## Step Twenty-Two: A-Frame Pre-Assembly

22.1 Fasten Swing Legs to bracket with 3/8" x 4-1/2" Carriage Bolts with 1/2 Washers. Add 3/8" Washer, Lock Washer, and Nut as shown in Figure 22.1. Do Not Fully Tighten.

22.2 Fasten X-Member between Swing Legs with 5/16"x 4-1/2" Hex Bolts with 5/16" Washer into T-Nuts as shown in Figure 22.2. Do Not Fully Tighten.

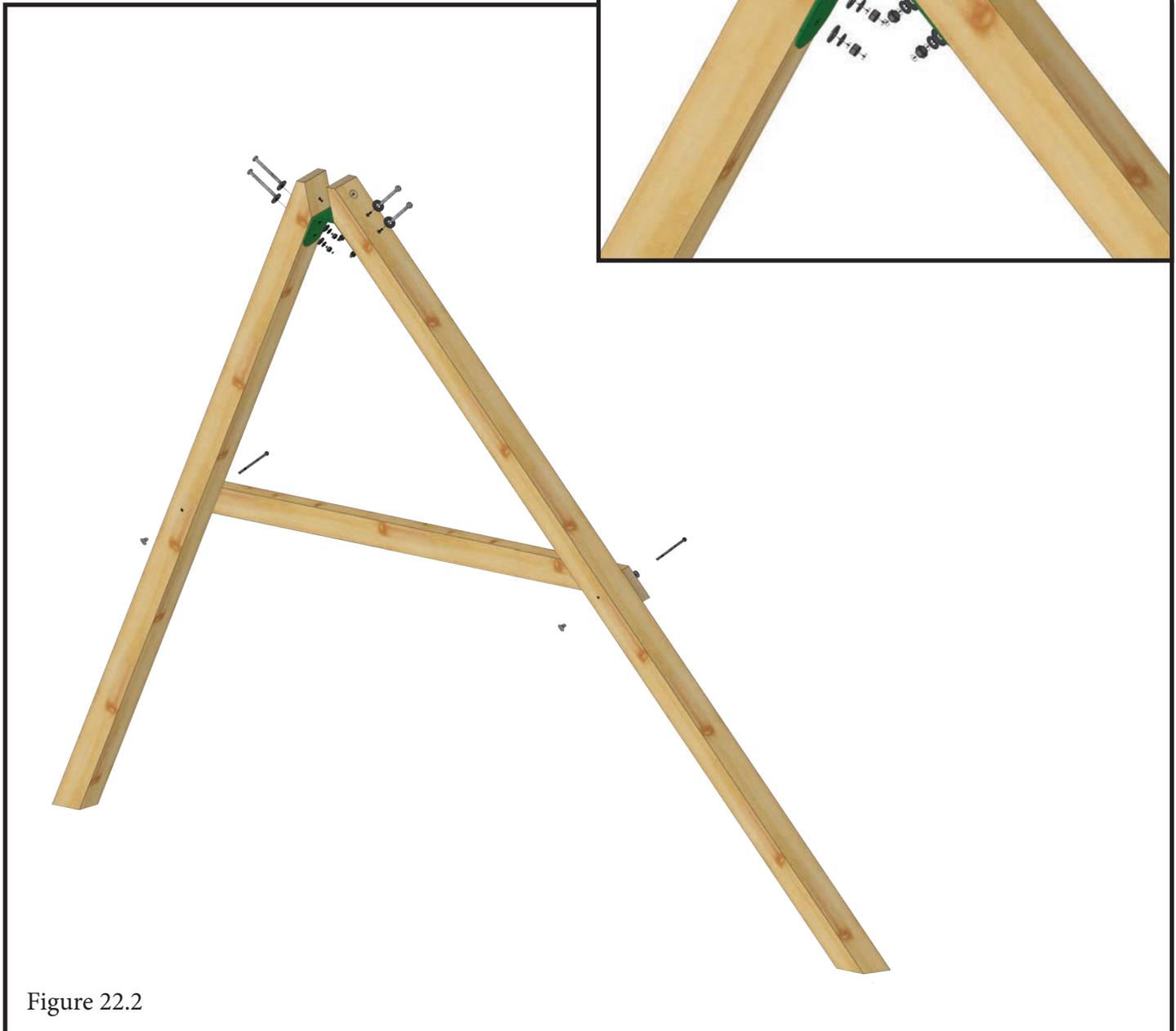
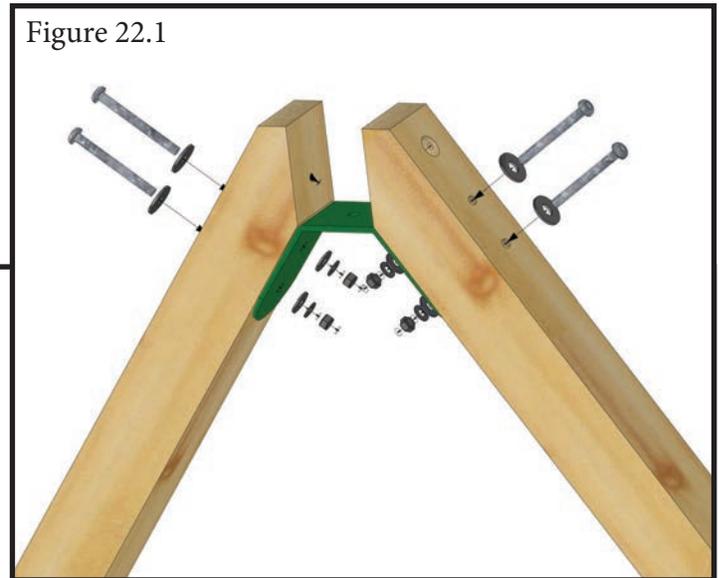
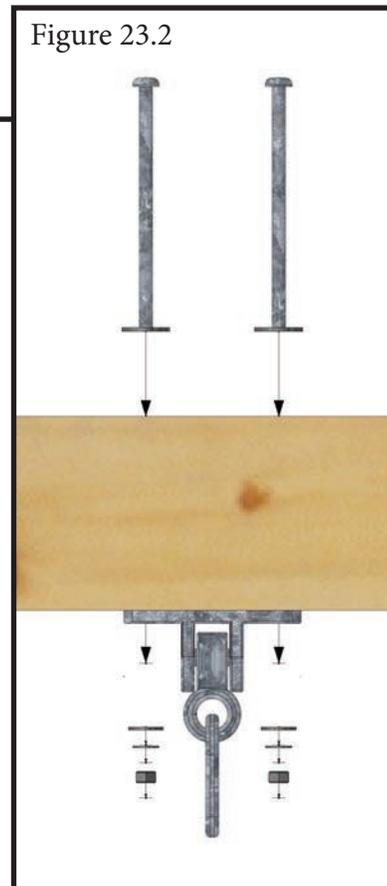
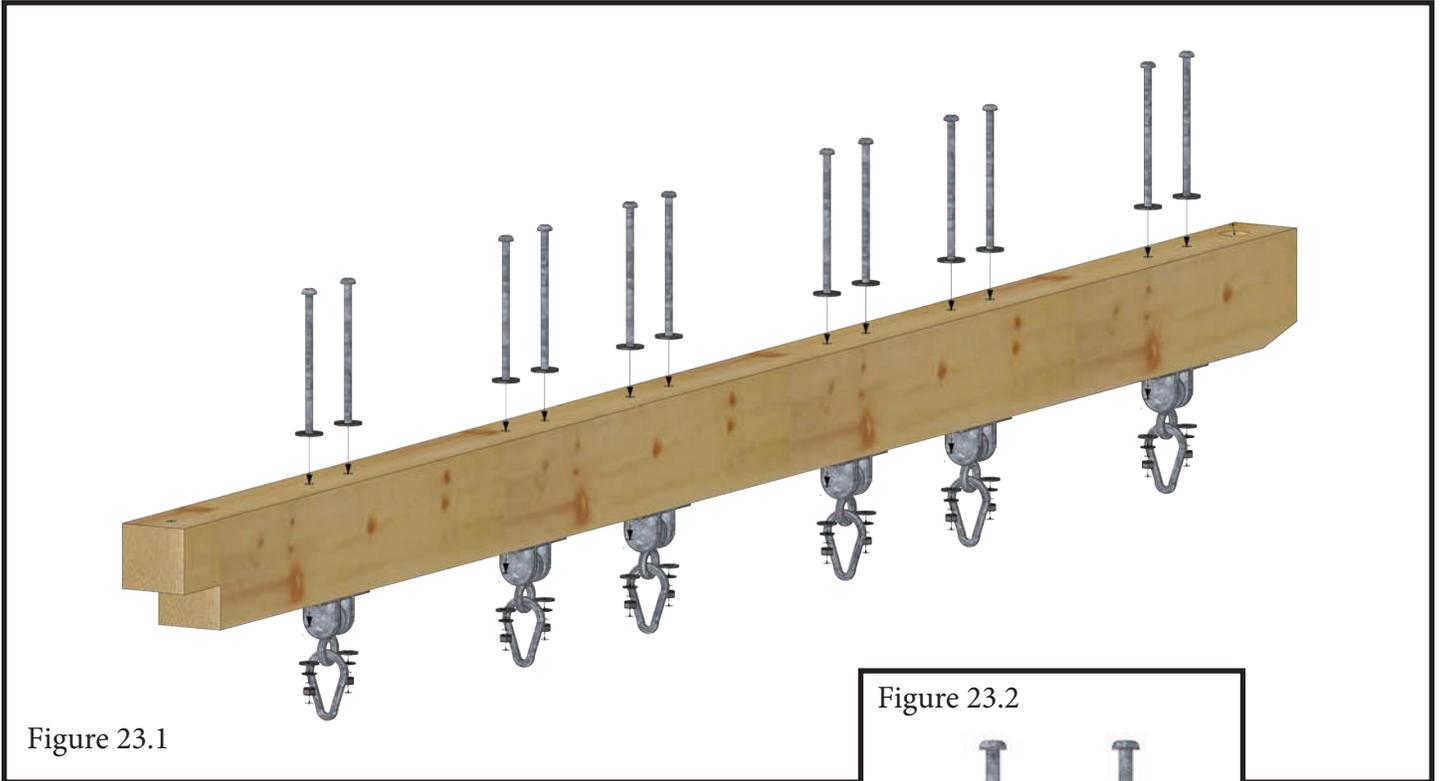


Figure 22.2

## Step Twenty-Three: Swing Beam Pre-Assembly

23.1 Fasten Swing Hangers to Swing Beam with 3/8" x 7" Carriage Bolts with 1/2" Washers. Add 3/8" Washer, Lock Washer, and Nut as shown in Figure 23.2. Tighten until 1/2" washers just start to "sink" into top of beam.

23.2 Snap Spring Clips to Swing Hangers.



## Step Twenty-Four: Swing Arm Assembly

24.1 Fasten Swing Beam Assembly to A-Frame Assembly with 3/8" x 5" Carriage Bolt with 1/2 Washers. Add 3/8" Washer, Lock Washer, and Nut. Tighten.

24.2 Fully tighten nuts from step Twenty-Two.

24.3 Fasten the top of the Swing Legs into the Swing Beam with 5/16" x 3" Lag Bolts with 5/16" washer as shown in Figure 24.1.

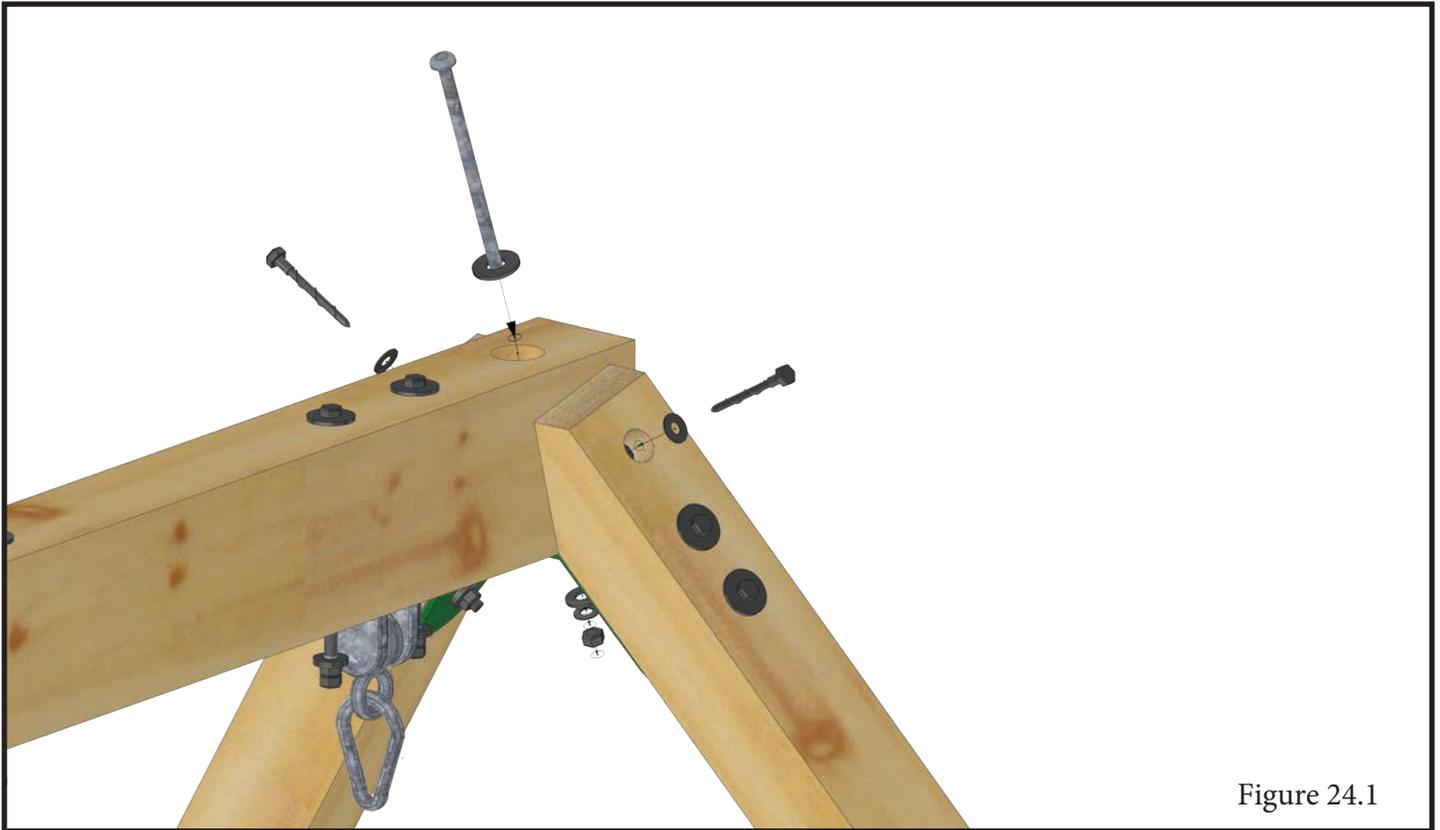


Figure 24.1

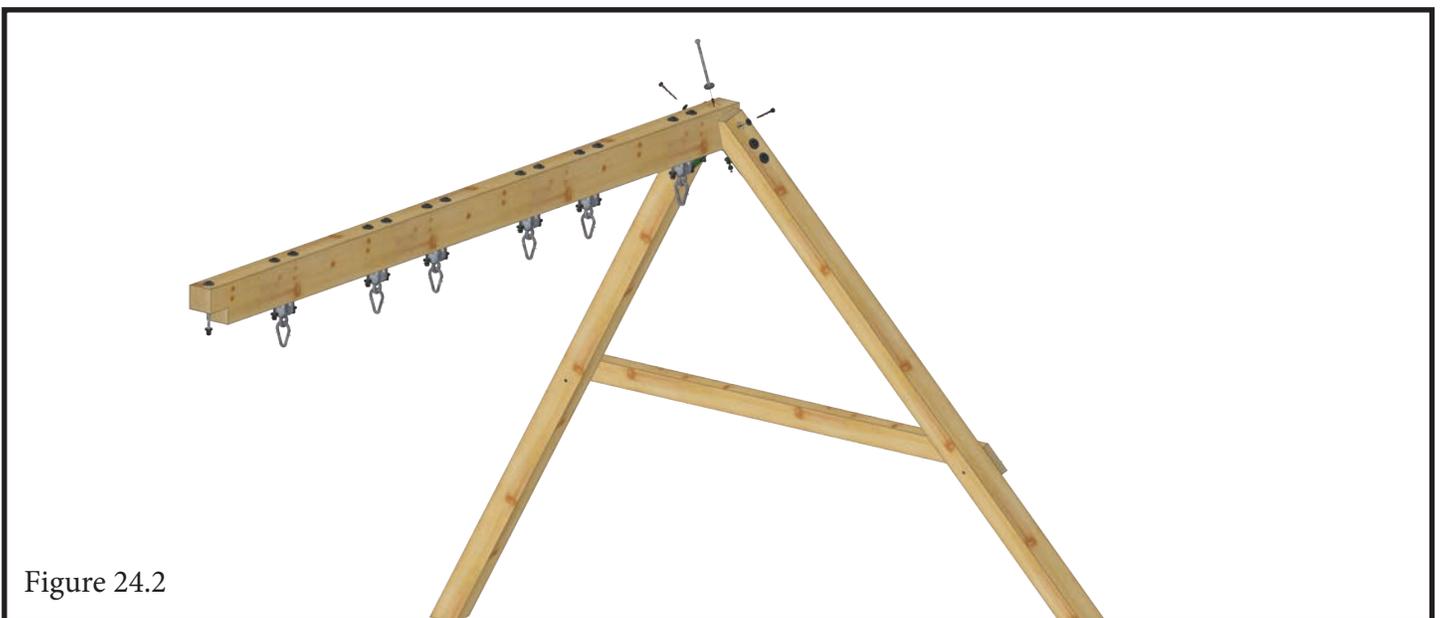


Figure 24.2

**Step Twenty-Five:**

25.1 Fasten Swing Beam Assembly to Swing Beam Support with 3/8" x 7" Carriage Bolt with 1/2 Washer. Add 3/8" Washer, Lock Washer, and Nut. Tighten.

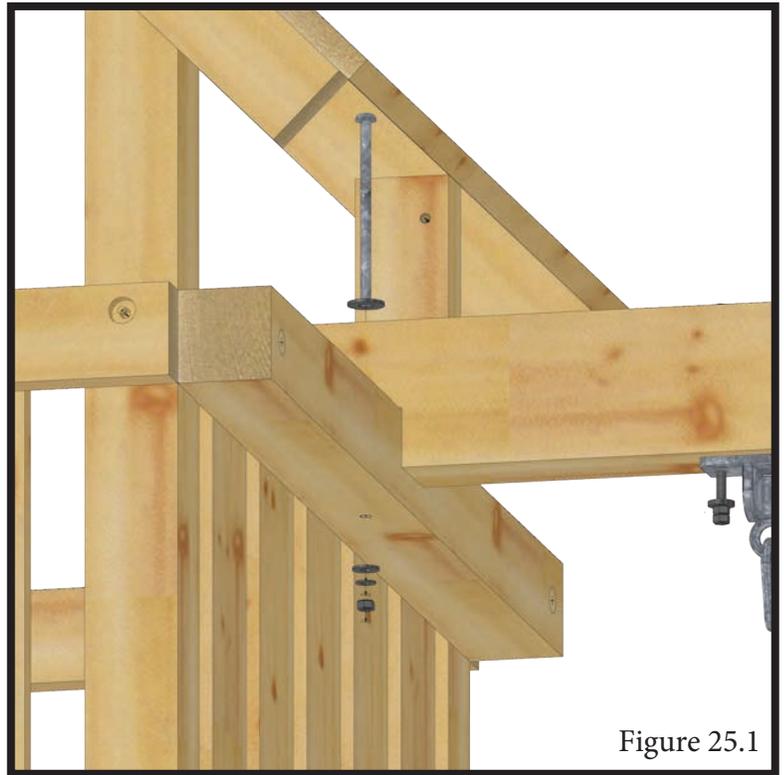


Figure 25.1



Figure 25.0

## Step Twenty-Six:

26.1 Fasten the slide to the play set deck with (3) 2" Pan Head Screws.

26.2 Fasten the swings to the spring clips at desired height on the chain.

