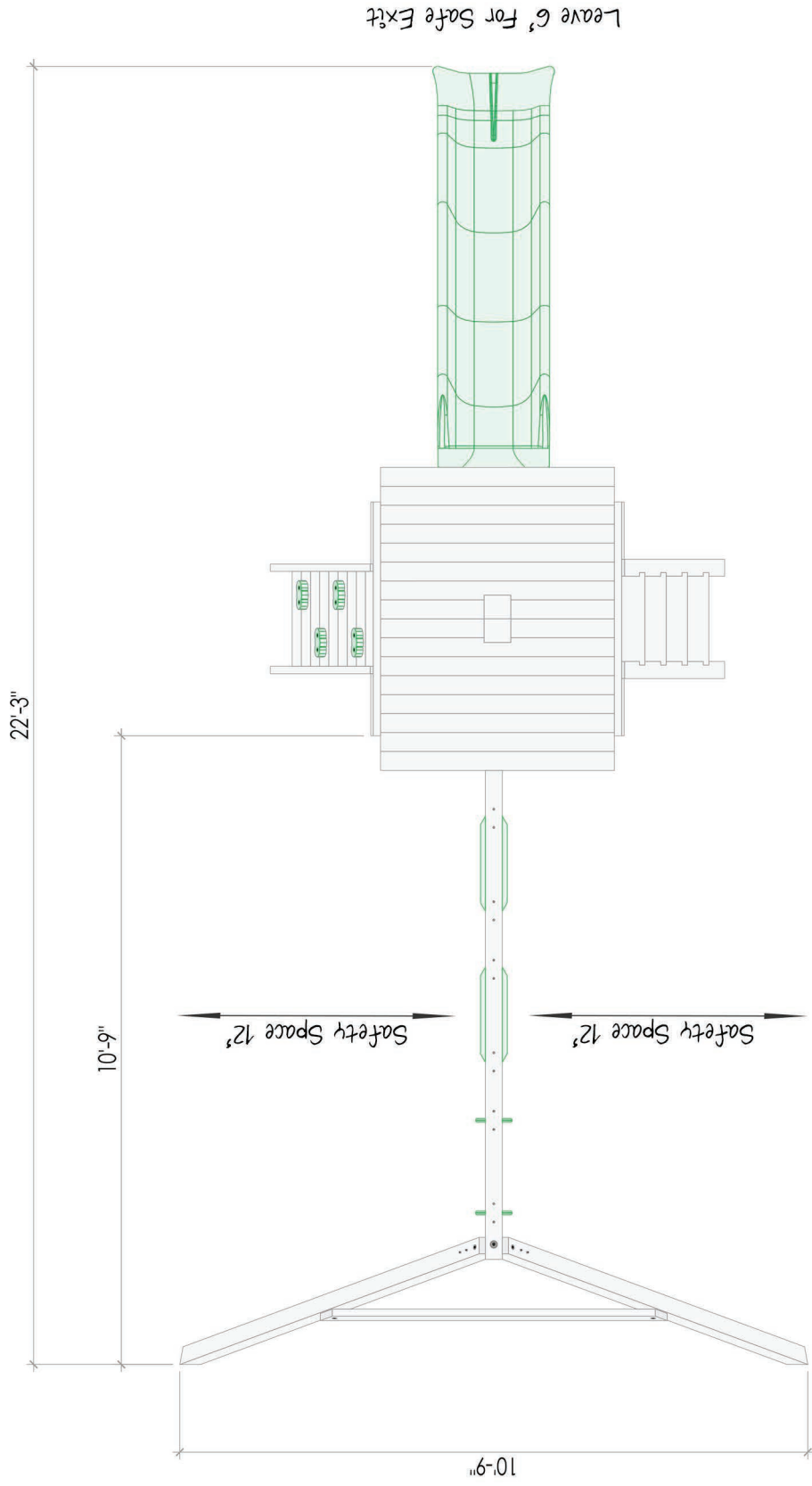


# Triumph Play Systems



## Festival One Assembly Directions

<b>Required Tools List</b>	
	Cordless Drill
	#8 Countersink Drill Bit with Pilot Bit
	Socket Wrench or Socket Adatper
	9/16" Socket (Long shank/deep style)
	1/2" Socket
	7/16" Socket
	#2 Square Head Driver Bit
	2-Foot Level
	Tape Measure
	6" Drill Bit Extension or 6" #2 Square Head Driver Bit
	3/8" Drill Bit
<b>Suggested Optional Tools</b>	
	Cordless Impact Wrench/Driver



Triumph Play Systems  
 15 Maple Ave  
 Ashburnham, MA

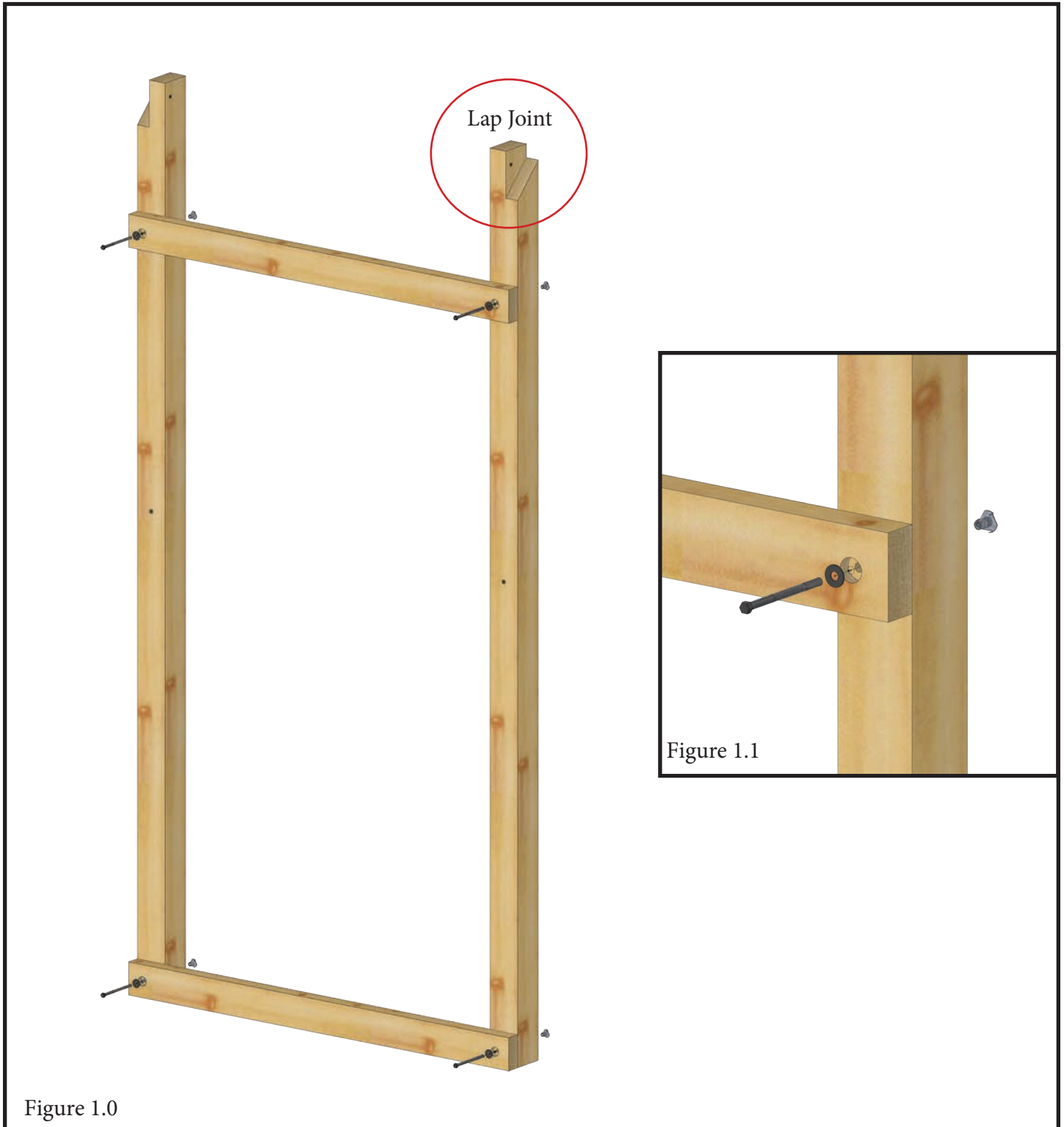
# Festival One

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

## Step One: Side Wall Assembly

1.1 With a hammer, insert T-Nuts into Corner Post - L and Corner Post - R as shown in Figure 1.0. Note direction of the Lap Joints at the top of the posts.

1.2 Fasten Top Support to top and bottom of 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.



## Step Two: Swing Beam Side Wall Assembly

2.1 With a hammer, insert T-Nuts into Corner Post - L and Corner Post - R as shown in Figure 2.0. Note direction of the Lap Joints at the top of the posts.

2.2 Fasten Top Support to bottom of Corner Post with 5/16 x 4-1/2 Hex Bolts with 5/16 washer. Tighten until T-Nuts are flush with surface.

2.3 Fasten Swing Beam Support to Corner Post with 5/16 x 6 Hex Bolts with 5/16 washer. Make sure the Countersink hole in center is facing down.

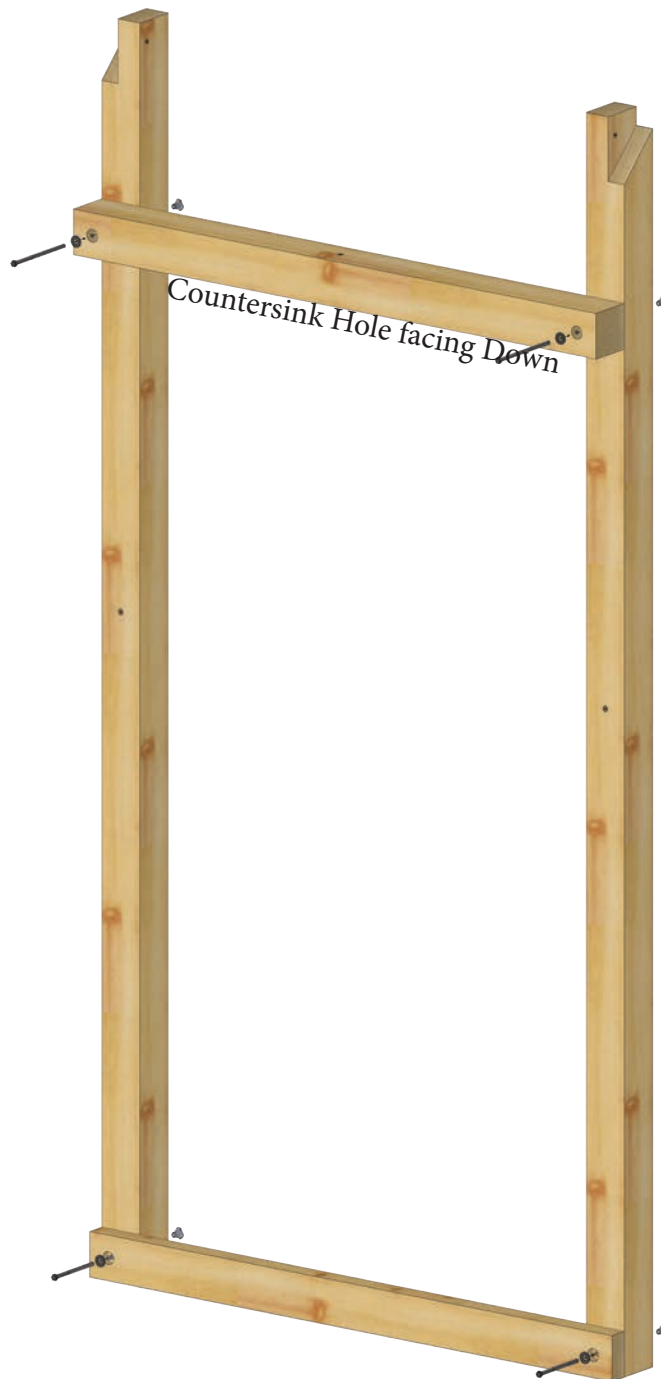


Figure 2.0

### Step Three: Deck Supports

3.1 With a hammer, insert T-Nuts into the outside of Corner Post - L and Corner Post - R as shown in Figure 3.0.

3.2 Fasten Deck Support to Corner Post with 5/16 x 6 Hex Bolts with 5/16 washer.



Figure 3.0

**Step Four:**

4.1 Pre-drill and Fasten Deck Boards 41" to Deck Supports with #8x2-1/2 Screws (4 each) as shown in Figure 4.0.



Figure 4.0

**Step Five:**

5.1 Fasten Top Panel Offset 48" (4) to Corner Post with 5/16 x 3 Lag Bolts with 5/16 washer as shown in Figure 5.0. Drive lags until washer starts to "sink" into wood.

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



Figure 5.0



## Step Six: Angle Braces

6.1 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 6.0.

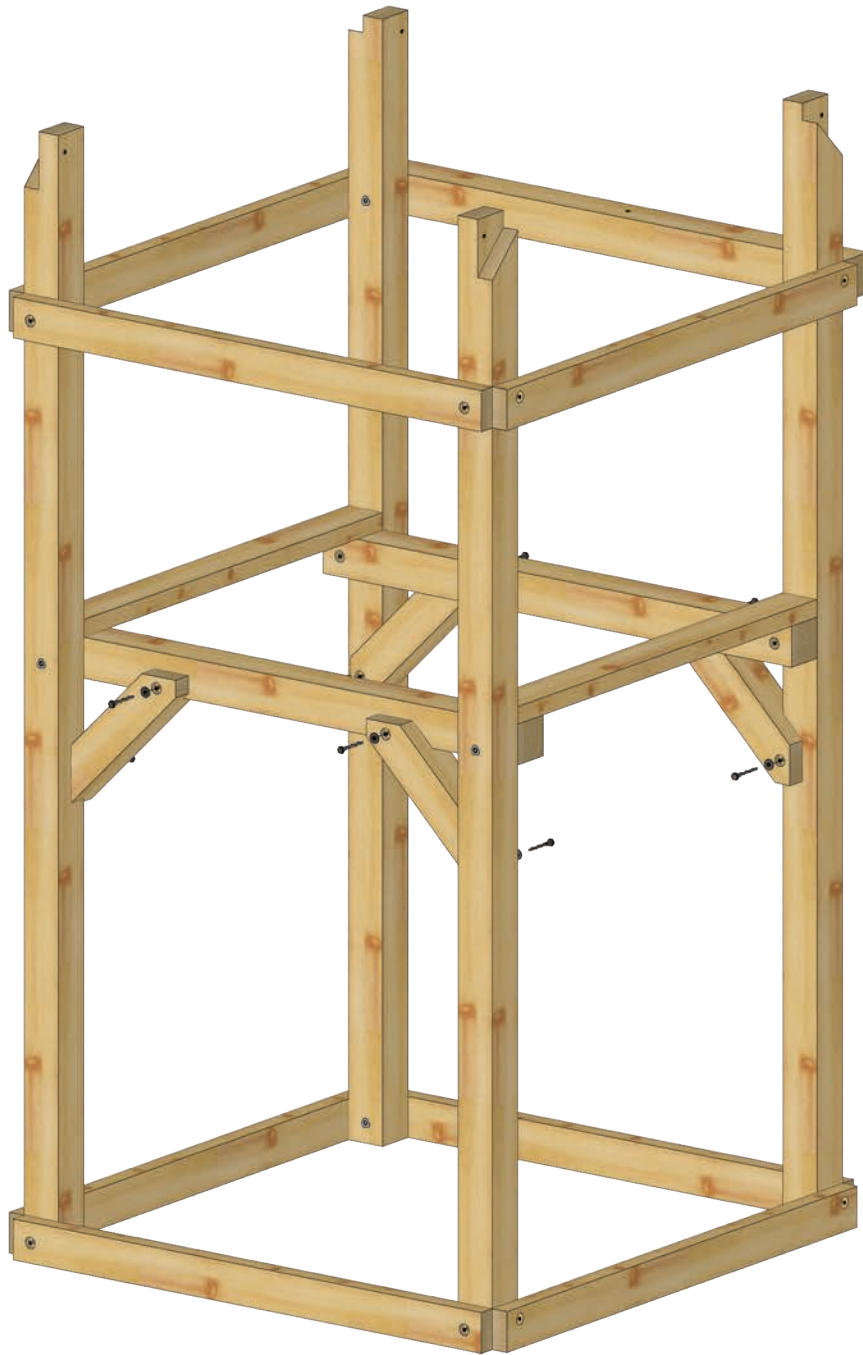


Figure 6.0

## Step Seven: Lower Walls

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

7.2 Fasten Top Panel Offset 48" (3) to Corner Post with 5/16 x 3 Lag Bolts with 5/16 washer as shown in Figure 7.0. Be sure to flip the orientation as you go to avoid the lags colliding in each corner post.

7.3 Fasten Top Panel Offset 12" to Corner Post with 5/16 x 3 Lag Bolts with 5/16 washer as shown in Figure 7.0.

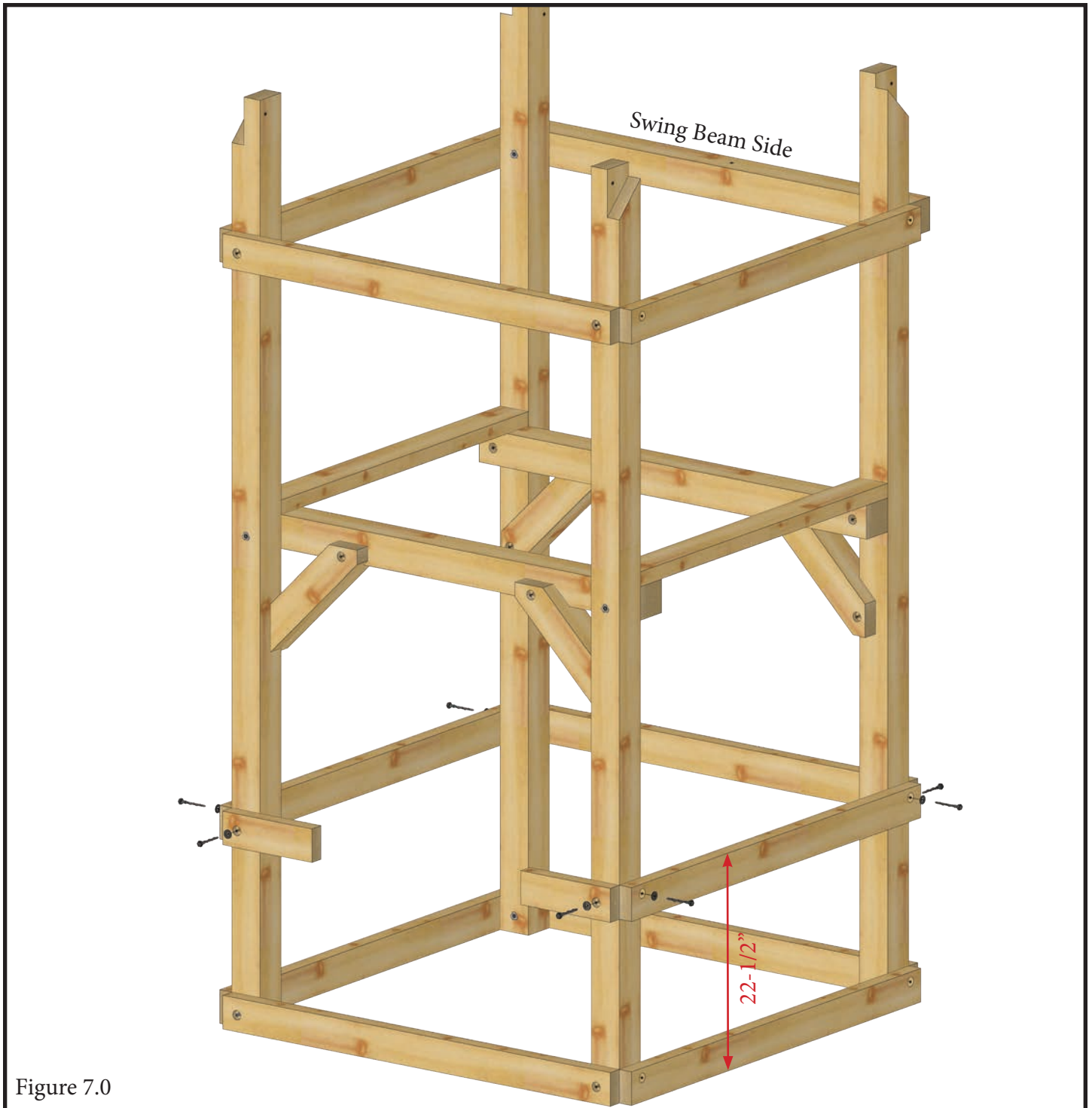


Figure 7.0

## Step Eight: Lower Wall Slats

8.1 Pre-drill and fasten Slat 22.5 to Top Panels with #8x2 screws as shown in Figure 8.0. (Spacing between slats is about 2-1/4")

8.2 Pre-drill and fasten Counter 48" to Top Panels with #8x2 screws as shown in Figure 8.1.

8.3 Pre-drill and fasten Counter 12" to Top Panel 12" with #8x2 screws as shown in Figure 8.1.



Figure 8.0

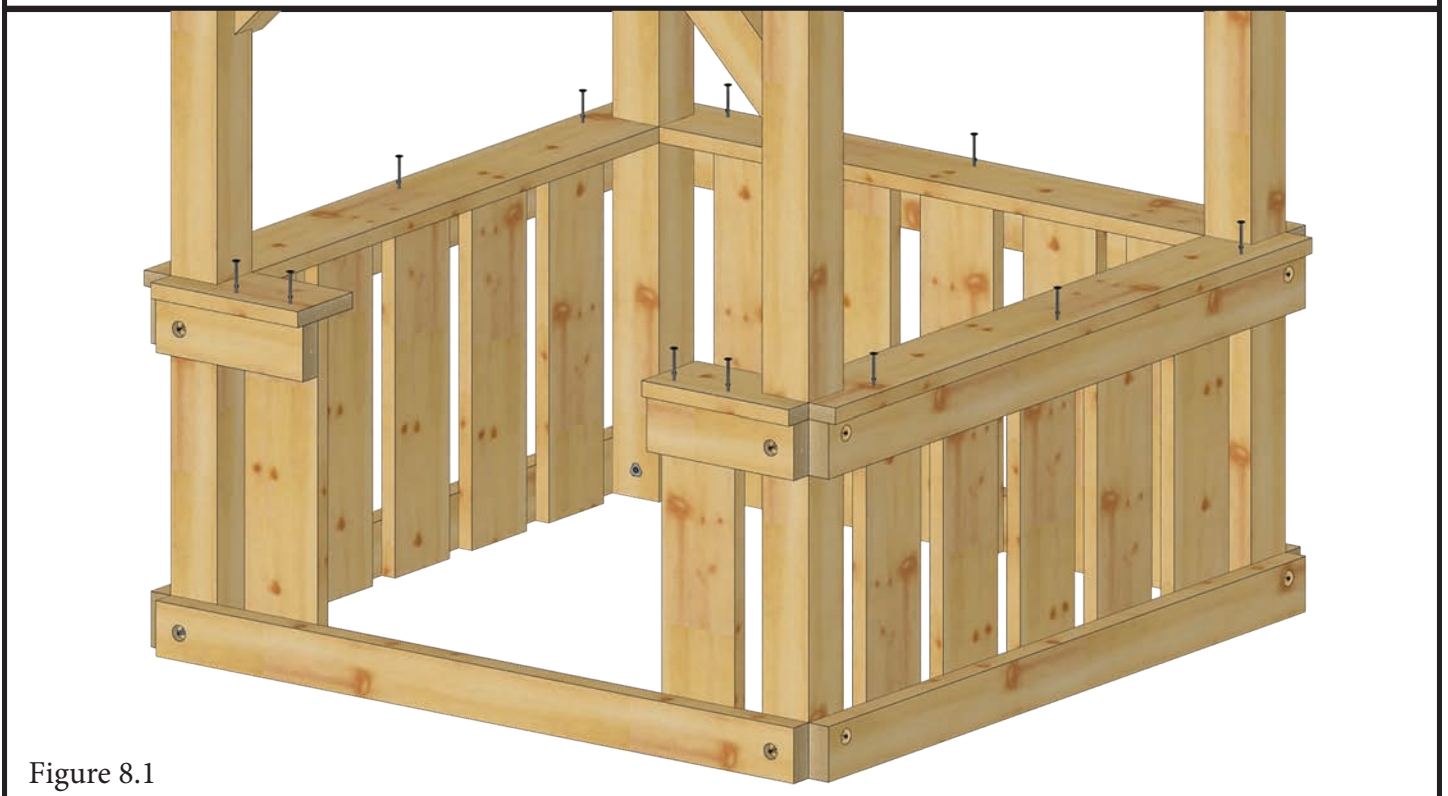


Figure 8.1

## Step Nine: Deck Boards

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

9.2 Fasten Deck Board 48" to Deck Supports with #8x2-1/2" screws (4 each) as shown in Figure 9.1.



Figure 9.0 Shows how to use the screws for spreading out deck boards with even spacing.

## Step Ten: Wall Slats

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

10.2 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 10.2.

10.3 Fasten the top of the Pocket Slat 28” with 2” Screws as shown in Figure 10.1.

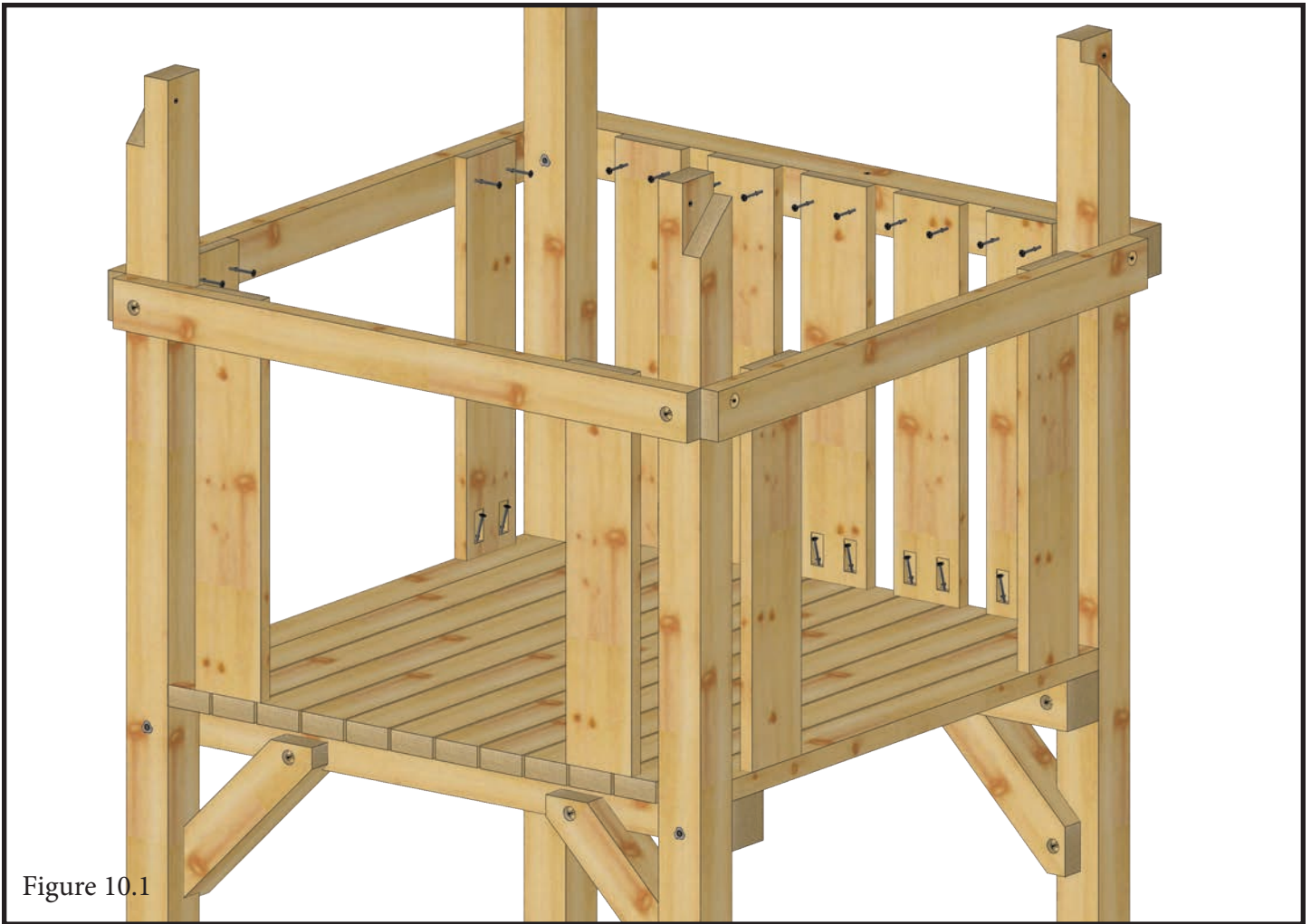
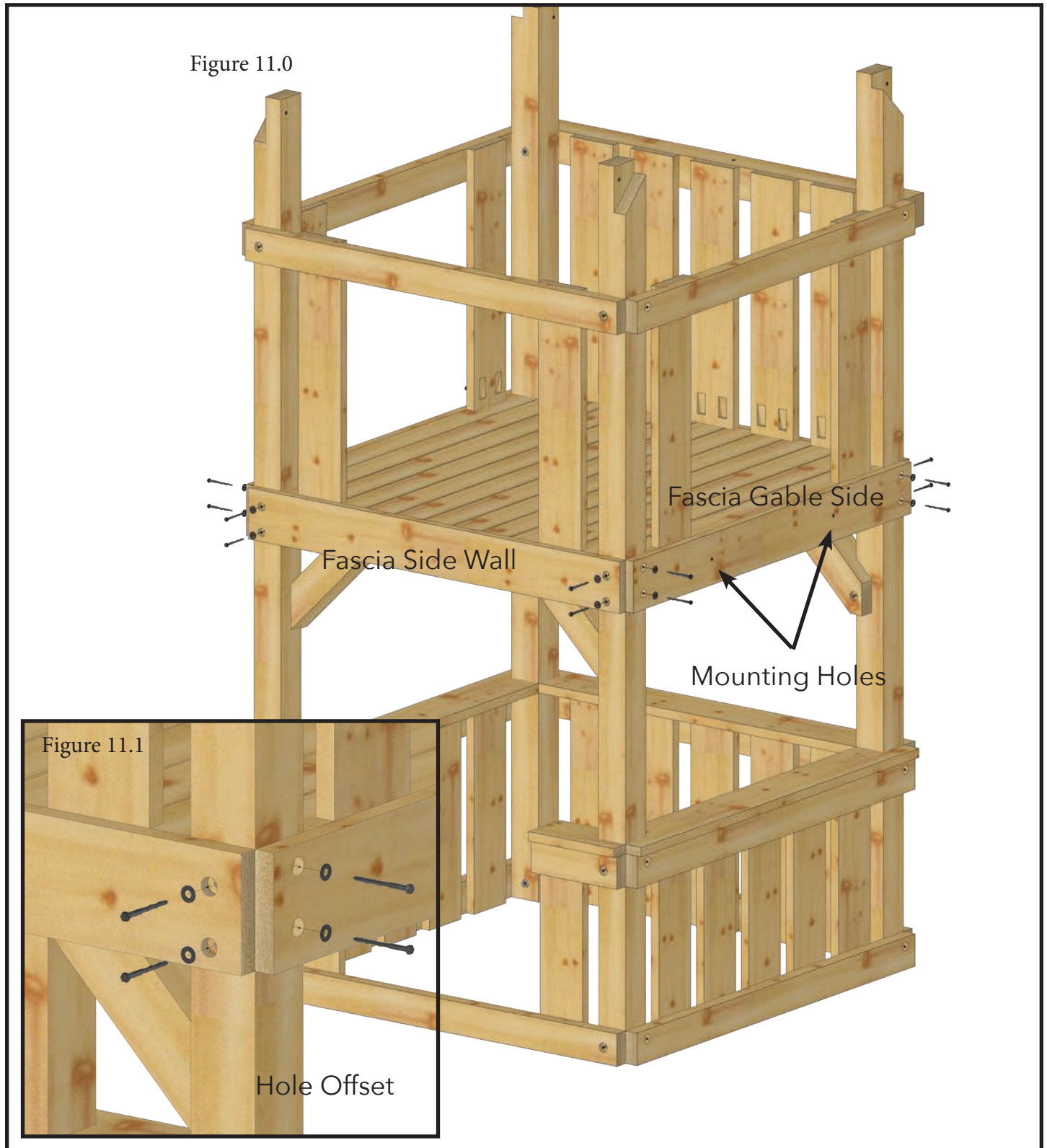


Figure 10.2 Shows how the large pockets allow for angling the screws to ensure proper alignment into the deck boards.

## Step Eleven: Fascia Boards

11.1 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 11.0.

11.2 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 11.0. Mind the offset pattern as shown in Figure 11.1.



## Step Twelve: Rock Wall Pre-Assembly

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

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

Figure 12.1

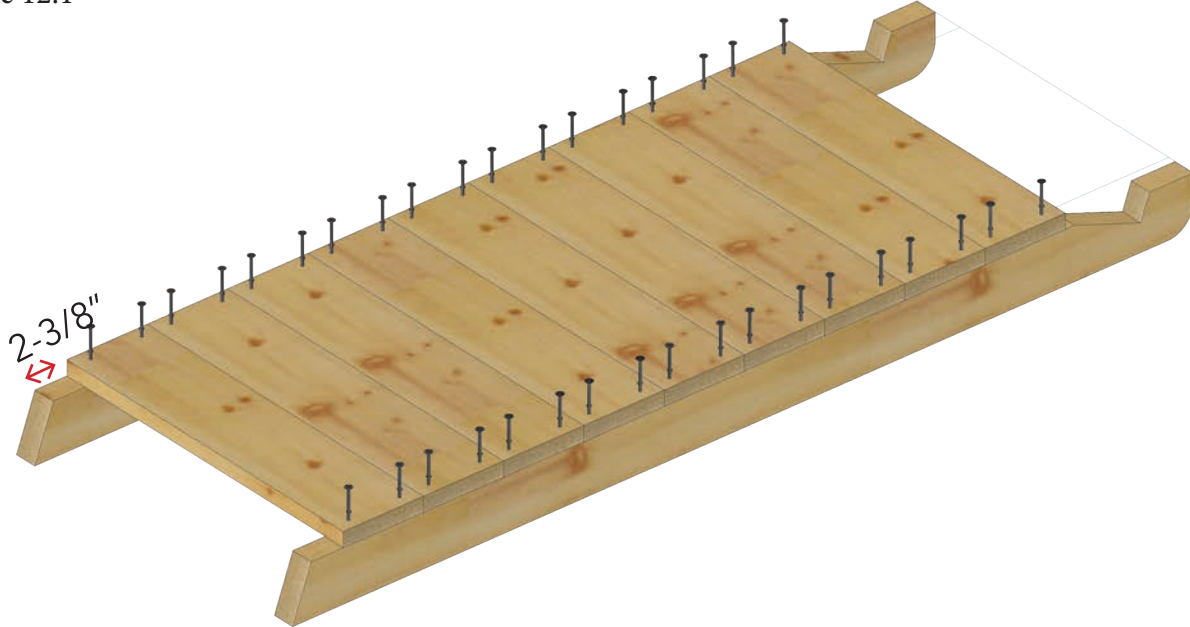


Figure 12.2



12.3 Place plastic Rocks in desired positions.

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

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

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

## Step Thirteen: Ladder Pre-Assembly

13.1 Place Ladder Steps into Dado pockets of Ladder Runners as shown in Figure 13.1.

13.2 Pre-drill and fasten Steps with 4" Screws as shown in Figure 13.1.

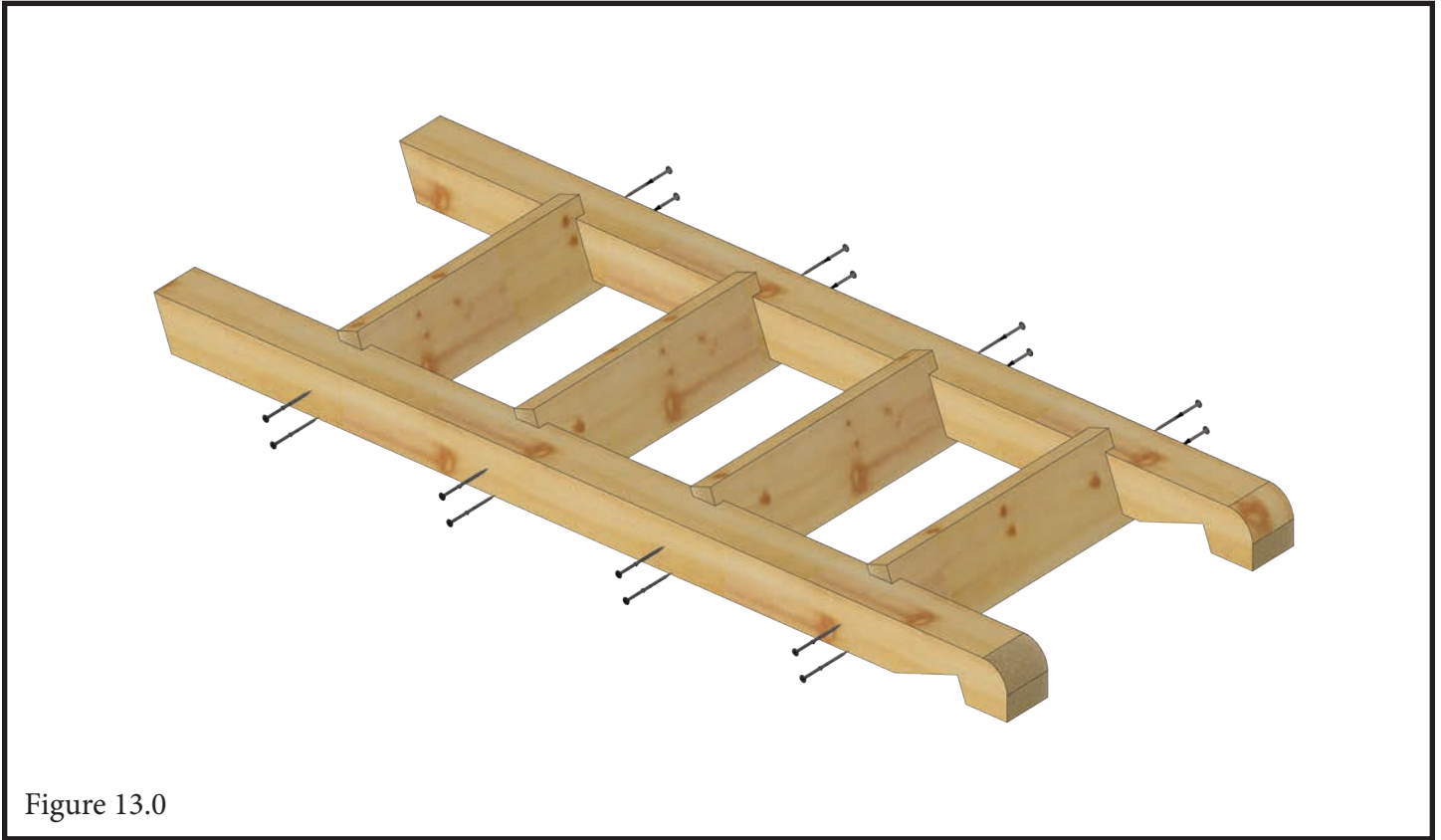


Figure 13.0

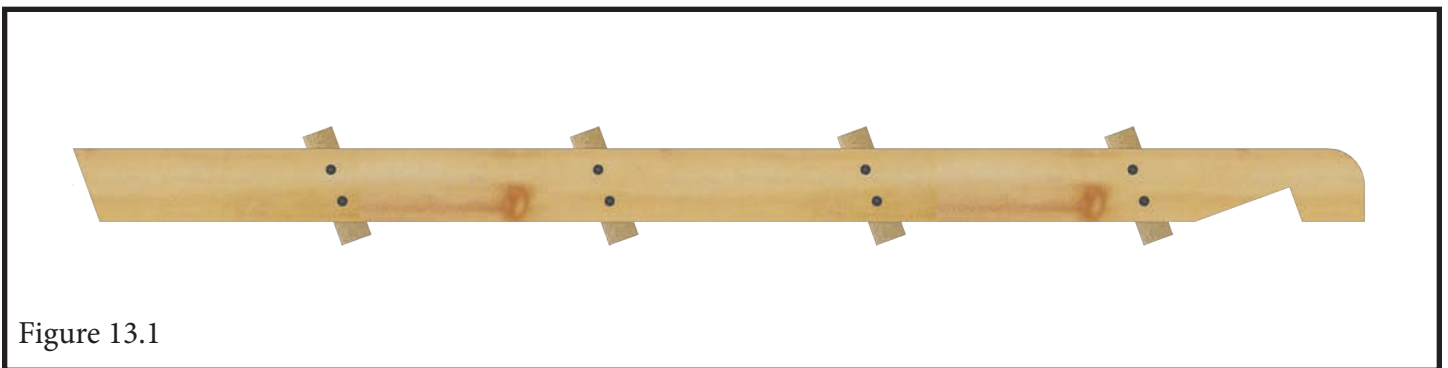


Figure 13.1



## Step Fourteen: Attaching the Rock Wall & Ladder

14.1 Fasten Rock Wall Assembly to Fascia Gable Side with 5/16" x 3" Lag Bolts with 5/16" washer as shown in Figure 14.1.

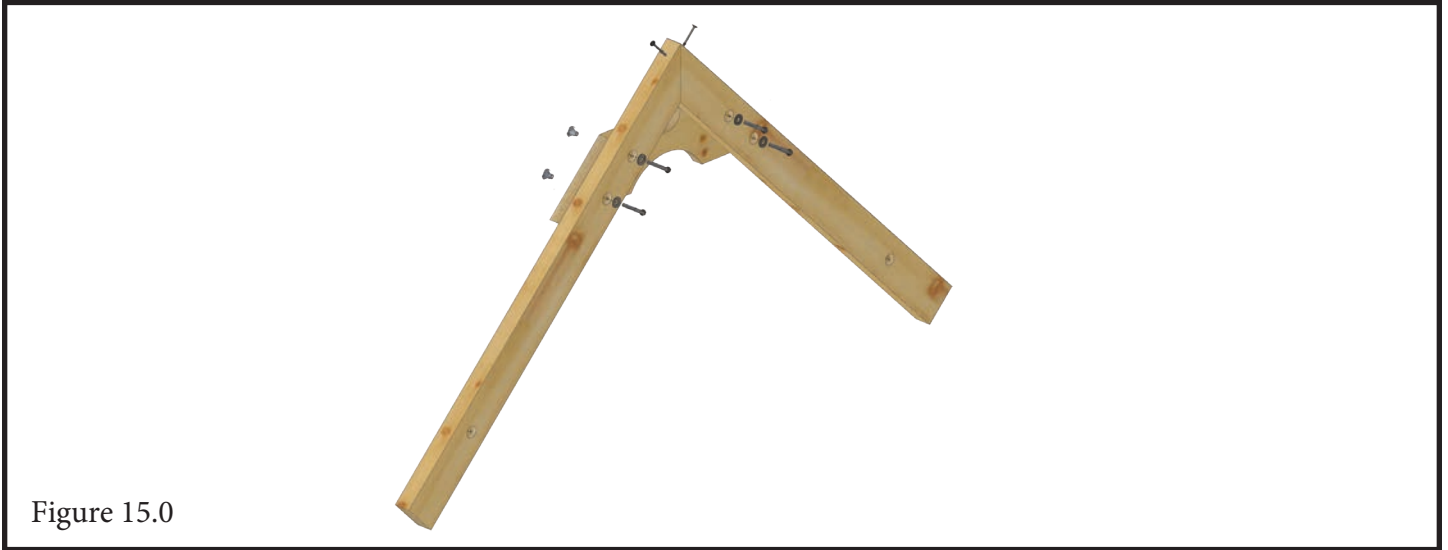
14.2 Fasten Ladder Assembly to Fascia Gable Side with 5/16" x 3" Lag Bolts with 5/16" washer as Shown in Figure 14.2.



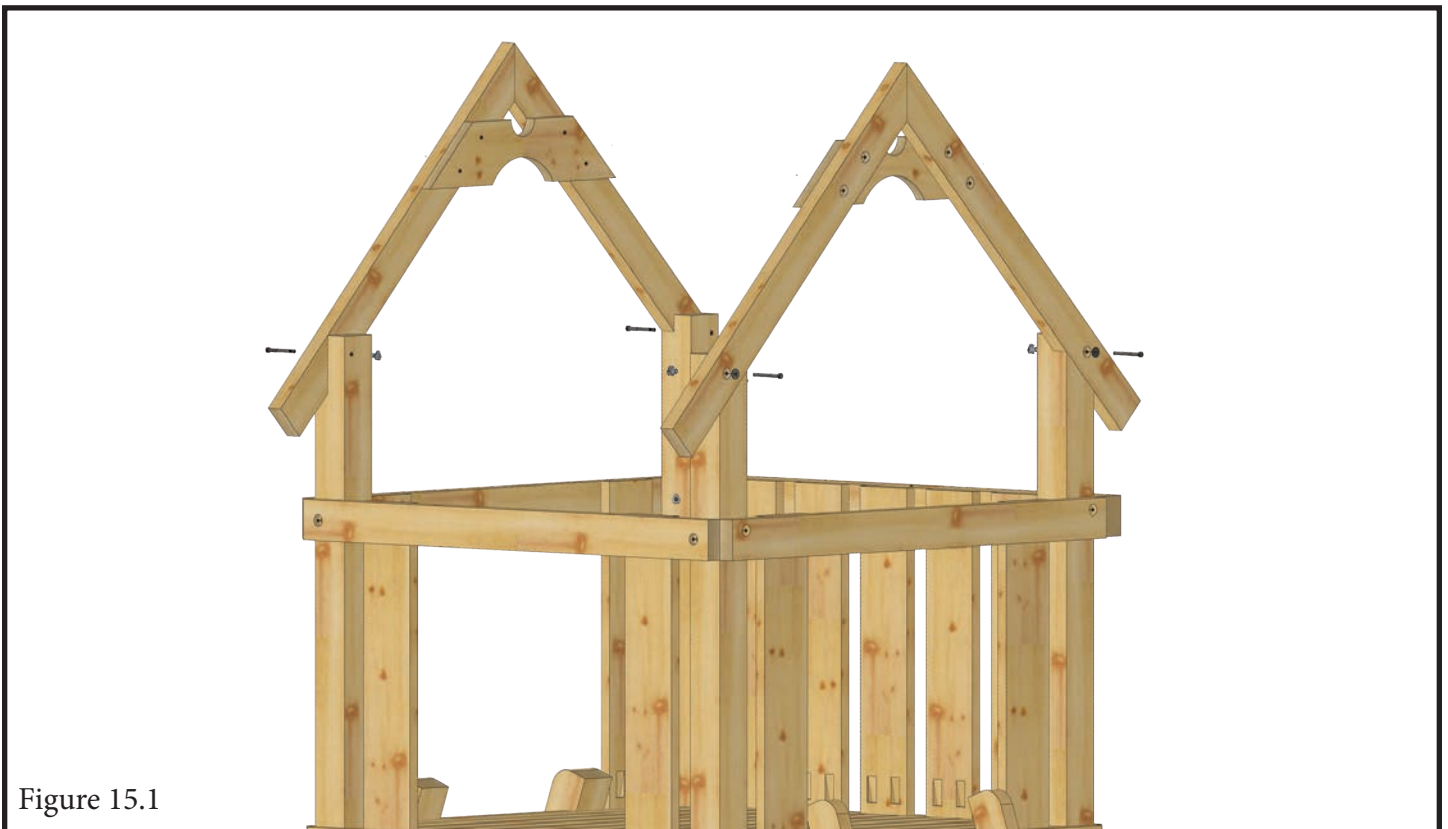
## Step Fifteen: Roof Rafter

15.1 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 15.0. Repeat for opposite peak side.

15.2 Add two 2" screws to align each peak.



15.3 Fasten Rafter Assembly to Corner Post with 5/16" x 3" Hex Bolts with 5/16" washer into T-Nuts as shown in Figure 15.1



## Step Sixteen:

- 16.1 Pre-drill and fasten Roof Peak Boards to Rafter Assembly with 2" Screws as shown.
- 16.2 Pre-drill and fasten Cupola to Roof Peak Board with 2" Screws as shown (2 per side).
- 16.3 Pre-drill and fasten Cupola Roof to Cupola with 2" Screws as shown (2 per side).
- 16.4 Pre-drill and fasten remaining Roof Boards to Rafter Assembly with 2" Screws.



## Step Seventeen: A-Frame Pre-Assembly

17.1 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 17.1. Do Not Fully Tighten.

17.2 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 17.0. Do Not Fully Tighten.

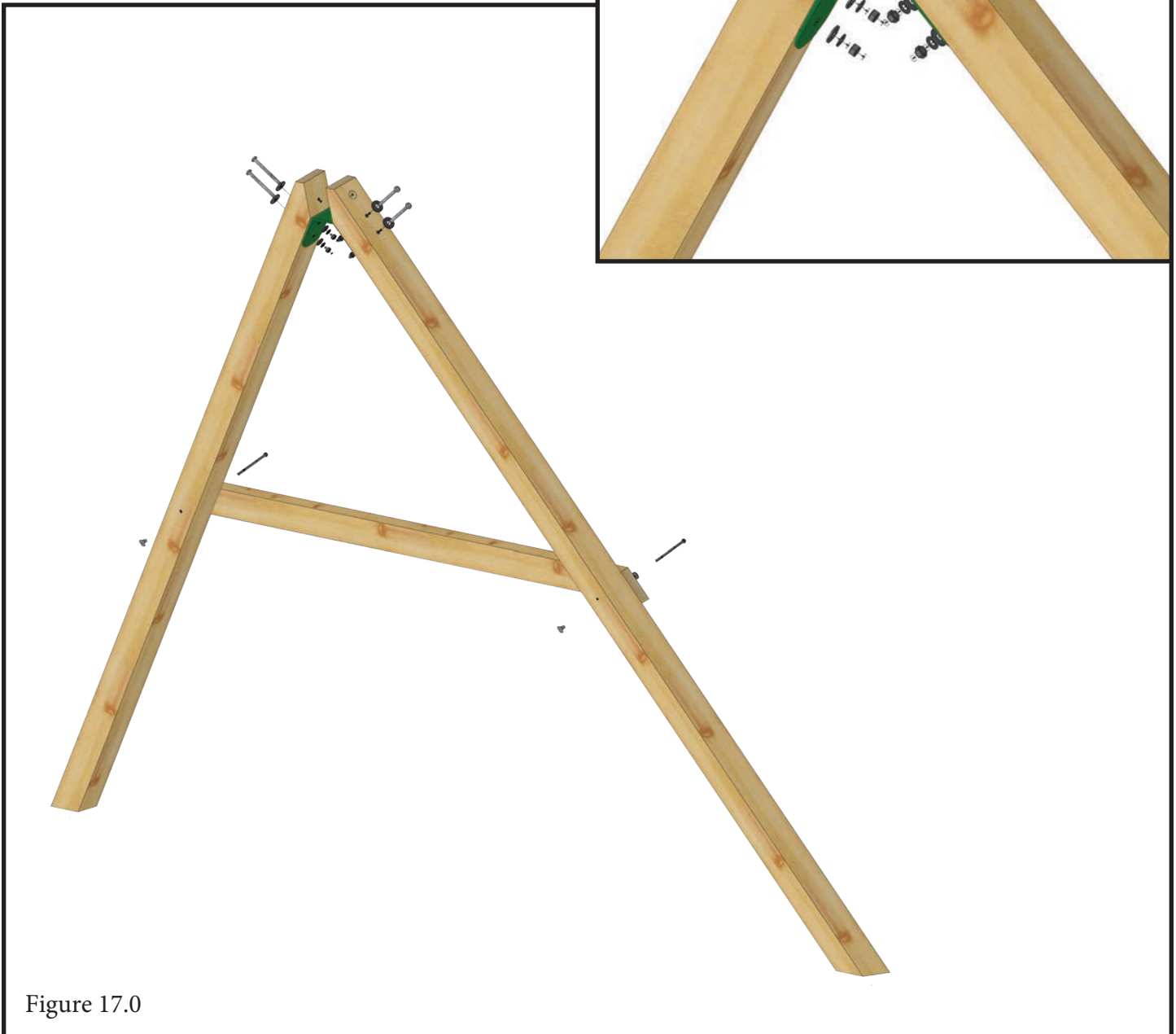
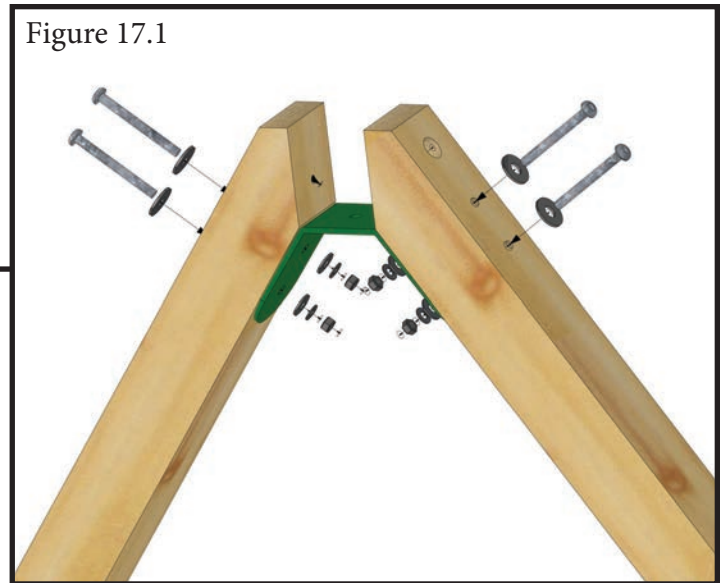
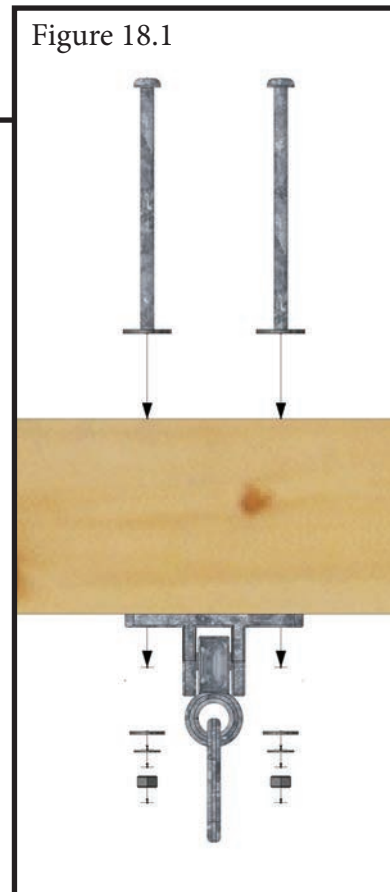
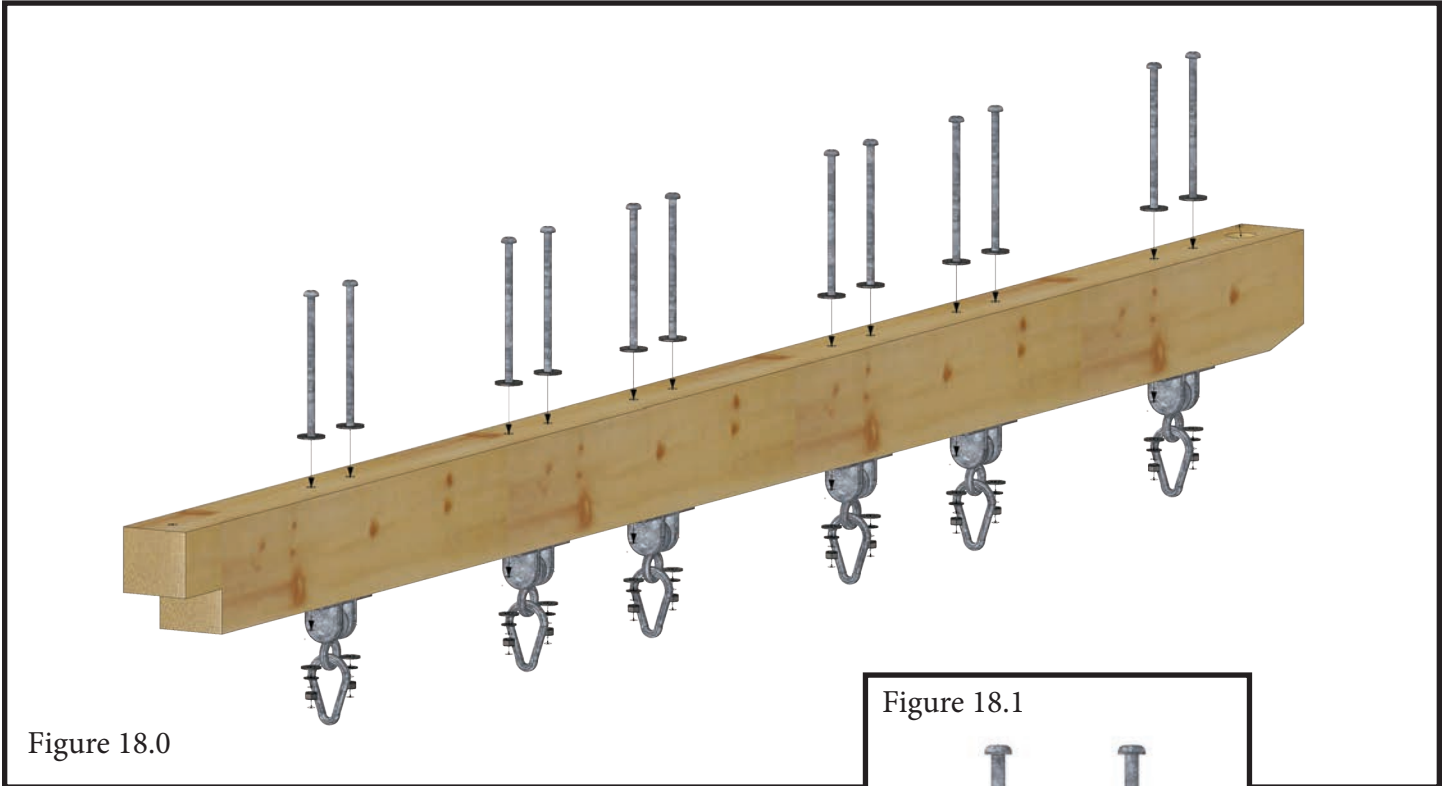


Figure 17.0

## Step Eighteen: Swing Beam Pre-Assembly

18.1 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 18.1. Tighten until 1/2" washers just start to "sink" into top of beam.

18.2 Snap Spring Clips to Swing Hangers.



## Step Nineteen: Swing Arm Assembly

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

19.2 Fully tighten Nuts from step Seventeen.

19.3 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 19.1

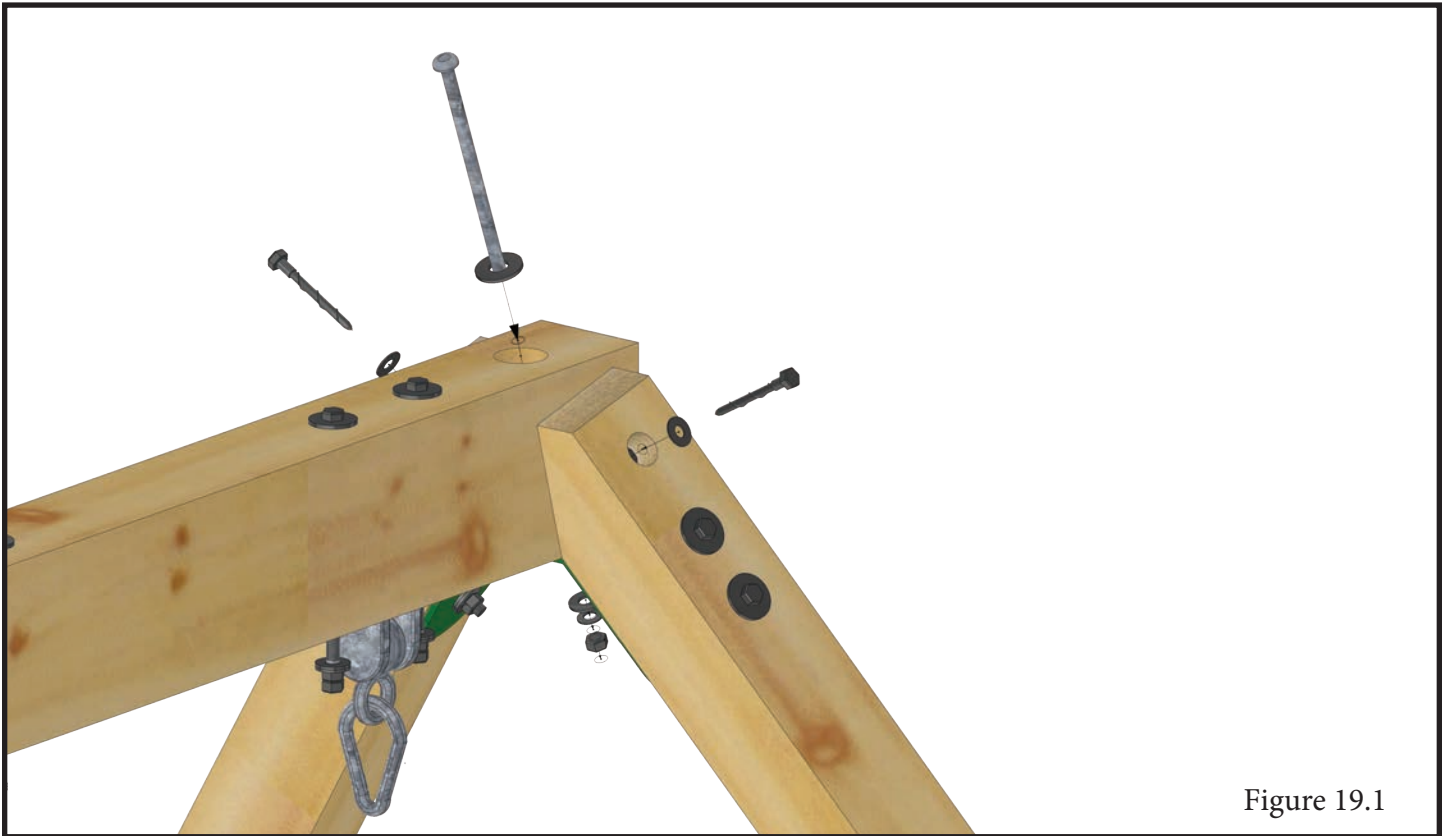


Figure 19.1

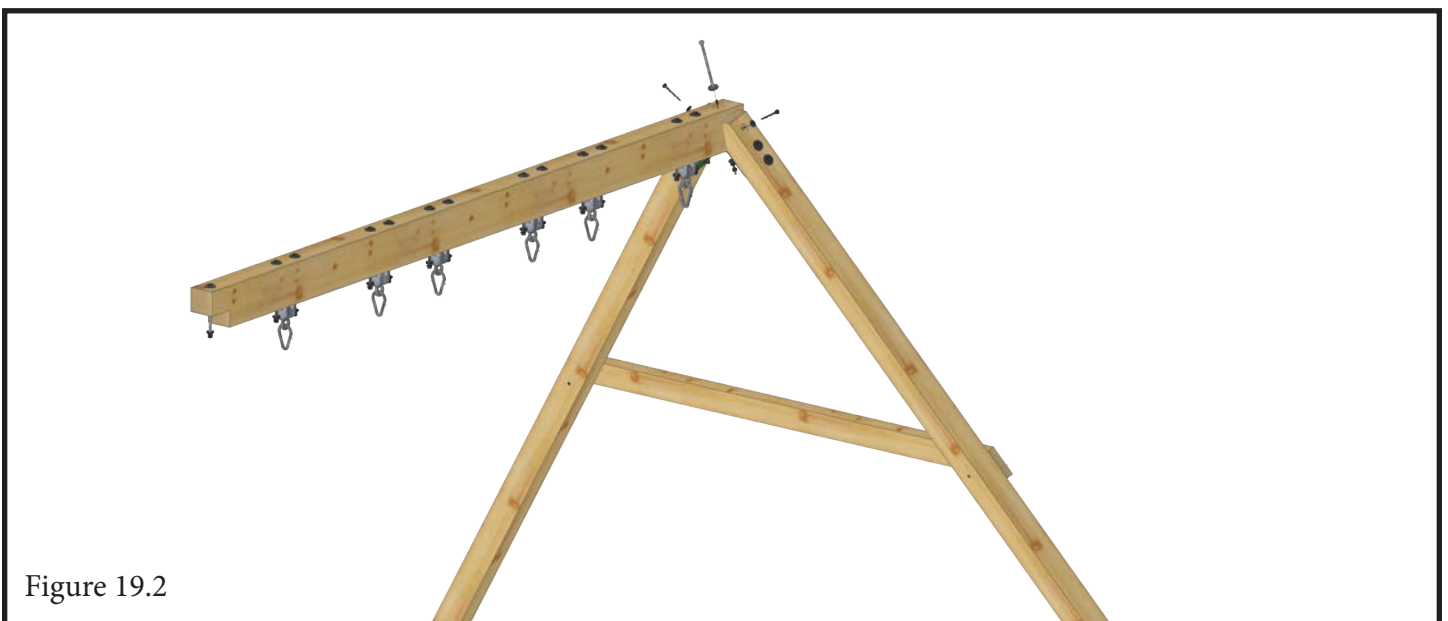


Figure 19.2

**Step Twenty:**

20.1 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 20.1



Figure 20.0

## Step Twenty-One:

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

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

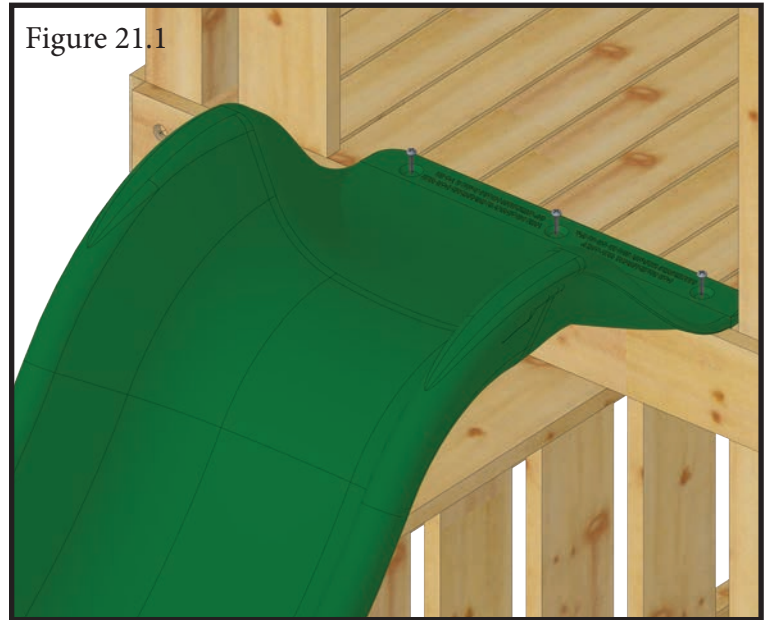


Figure 21.2

