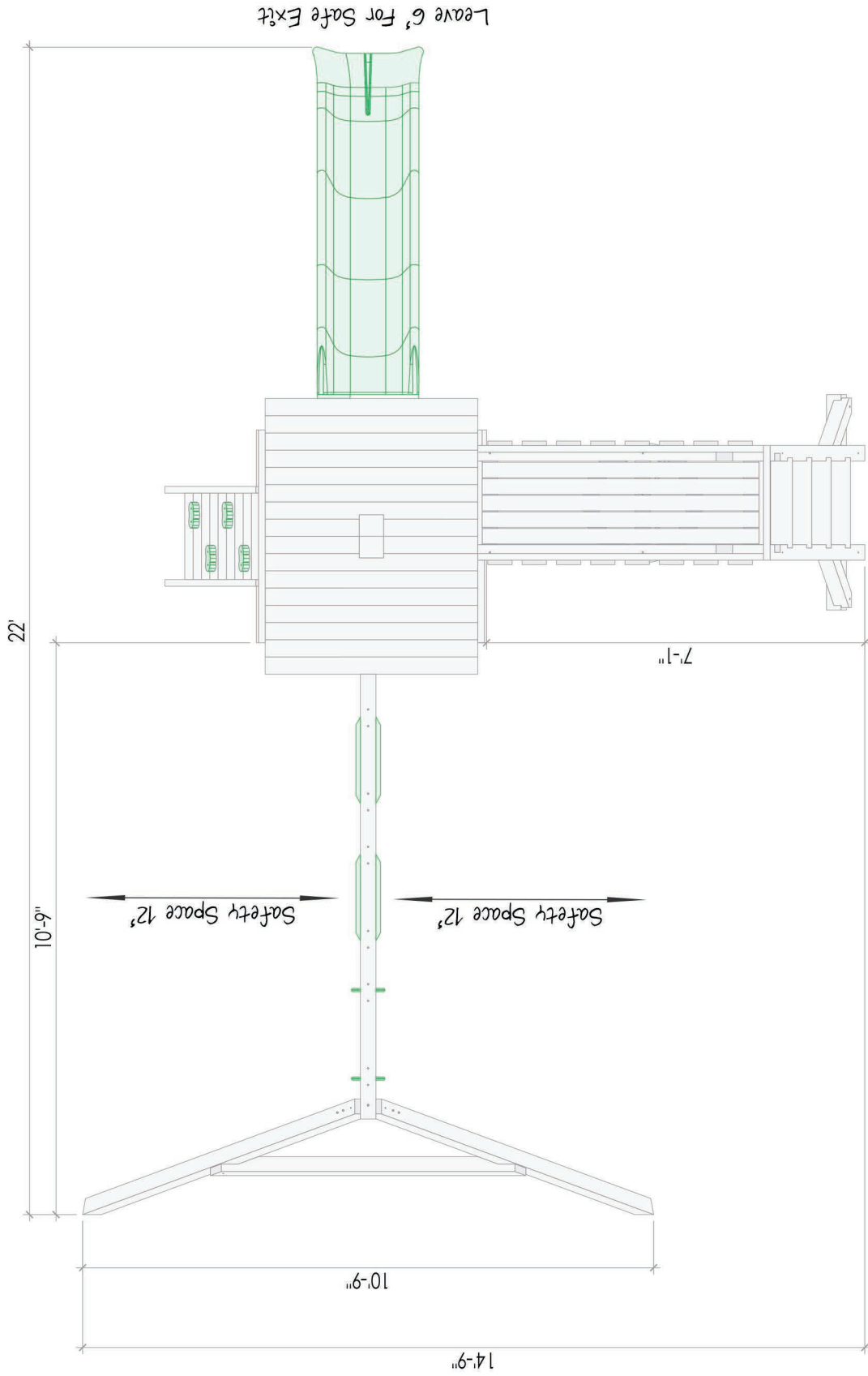


Triumph Play Systems



Festival Two Assembly Directions

Required Tools List	
	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
Suggested Optional Tools	
	Cordless Impact Wrench/Driver



Triumph Play Systems
 15 Maple Ave
 Ashburnham, MA

Festival Two

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.

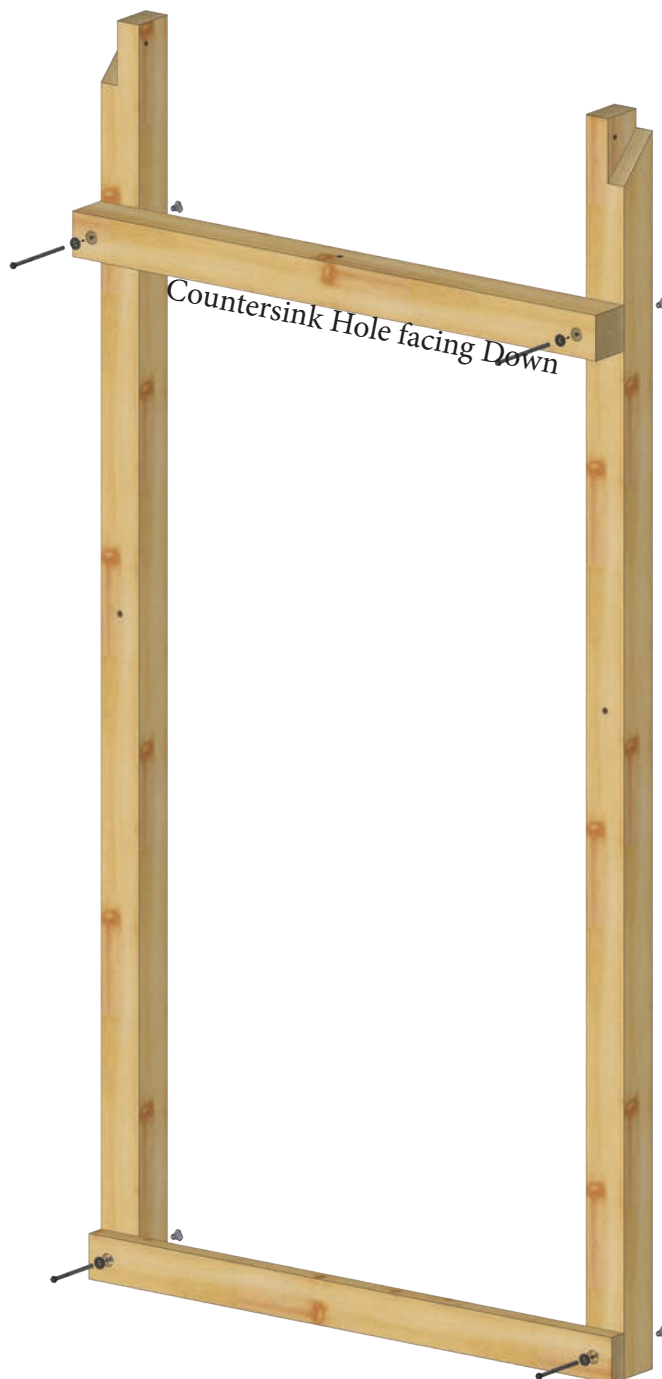


Figure 2.0

Step Two: 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 Supports to Corner Posts 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" (3) to Corner Post with 5/16 x 3 Lag Bolt 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.

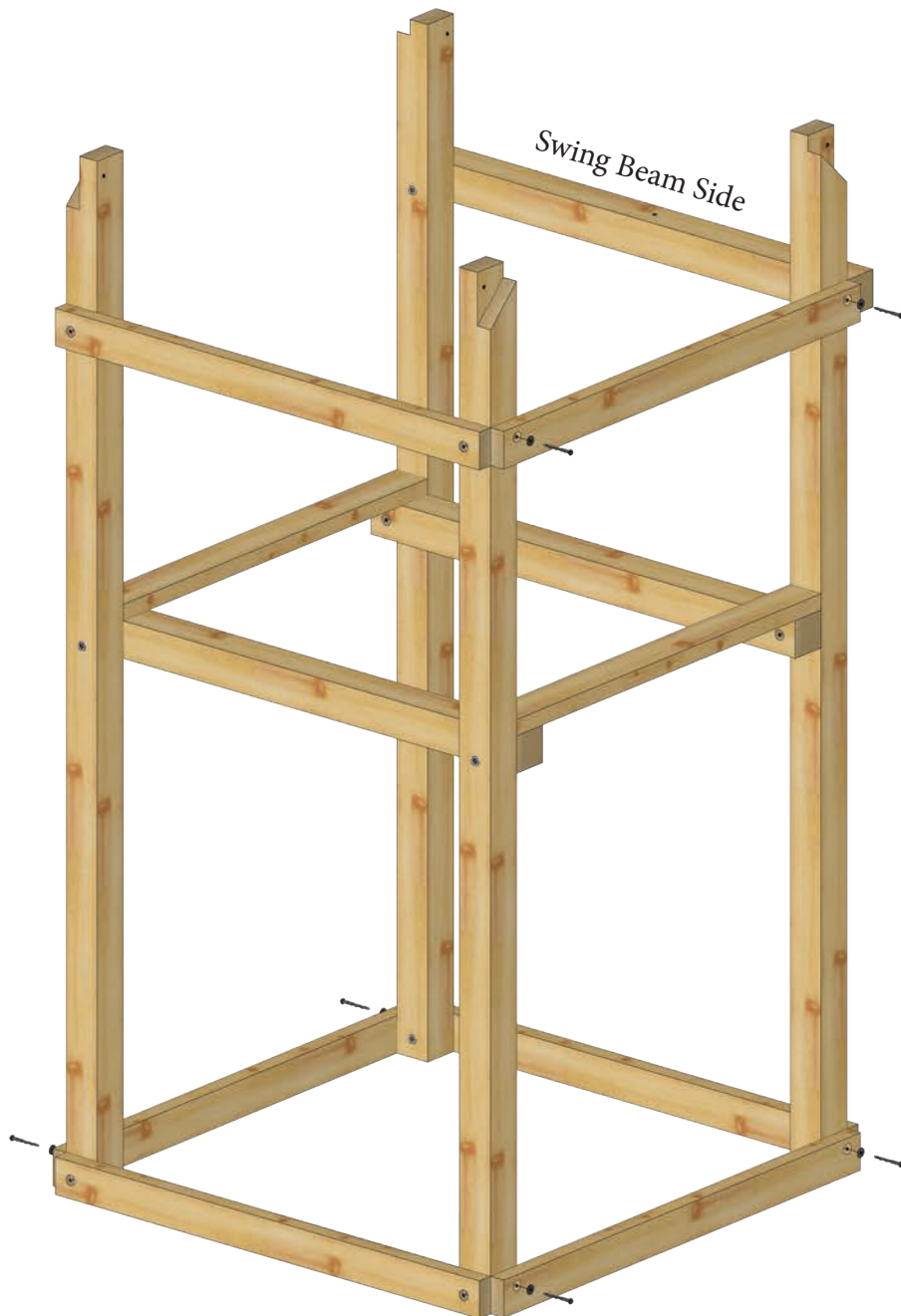


Figure 5.0

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 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.

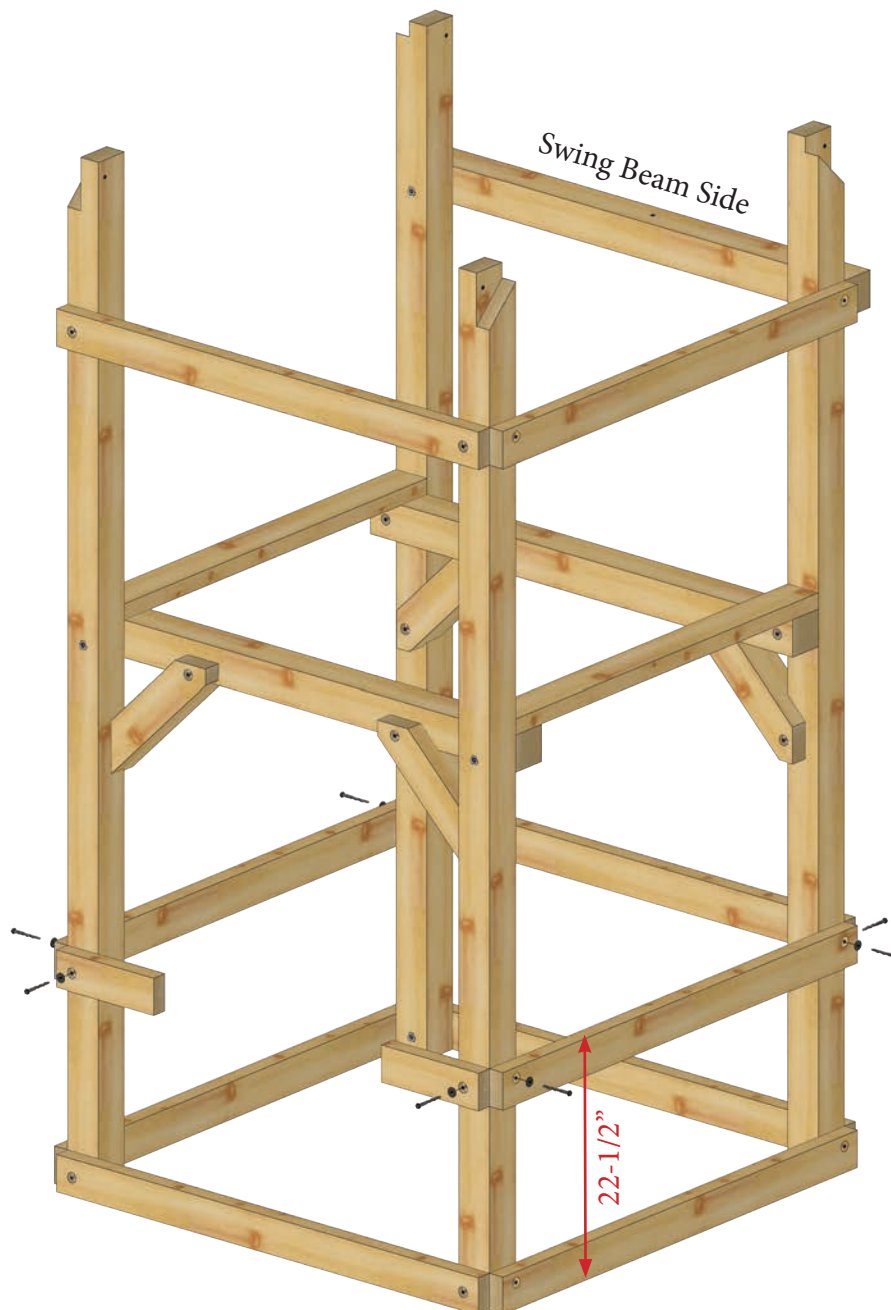


Figure 7.0

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

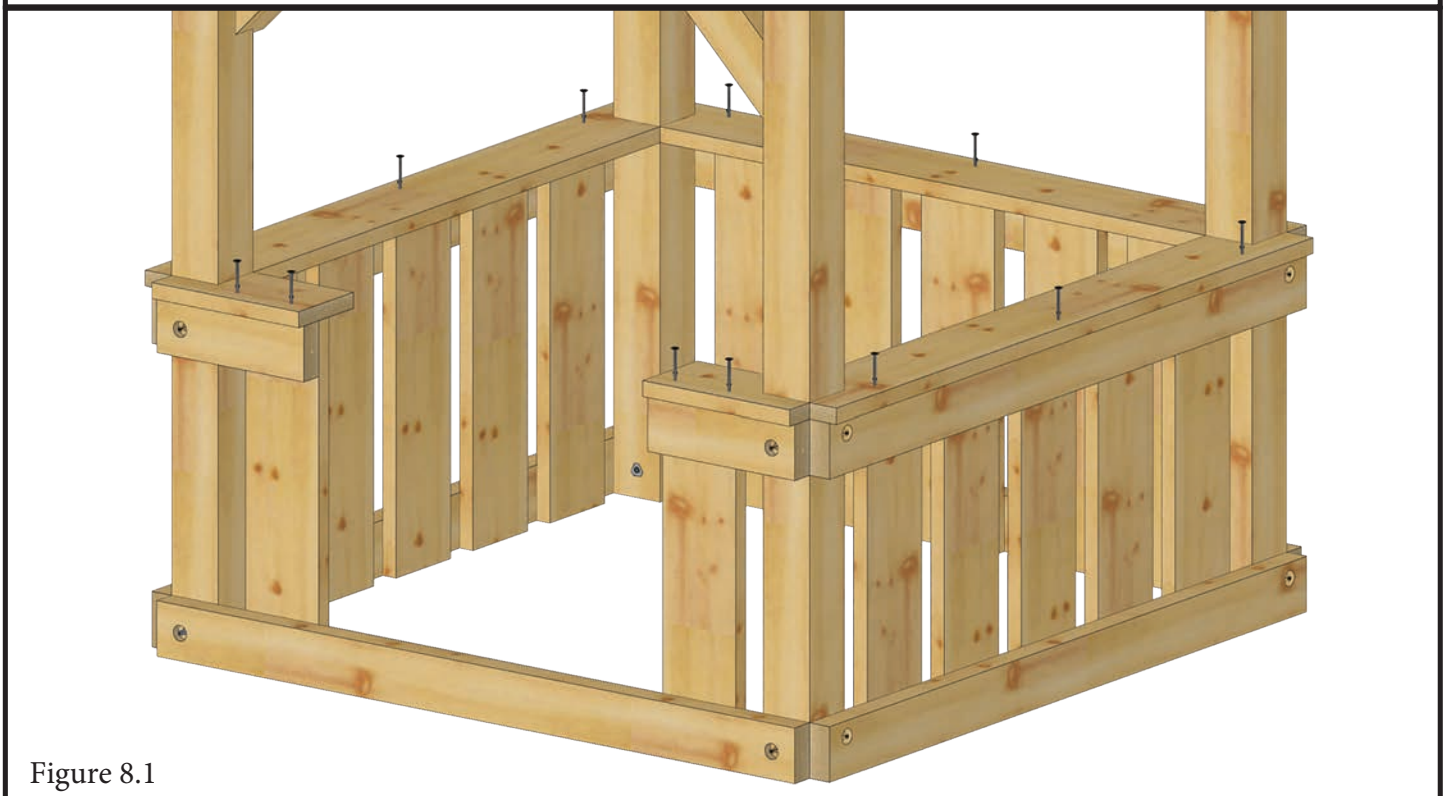


Figure 8.1

Step Nine: Deck Boards

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

9.2 Fasten Deck Boards 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: Fascia Boards

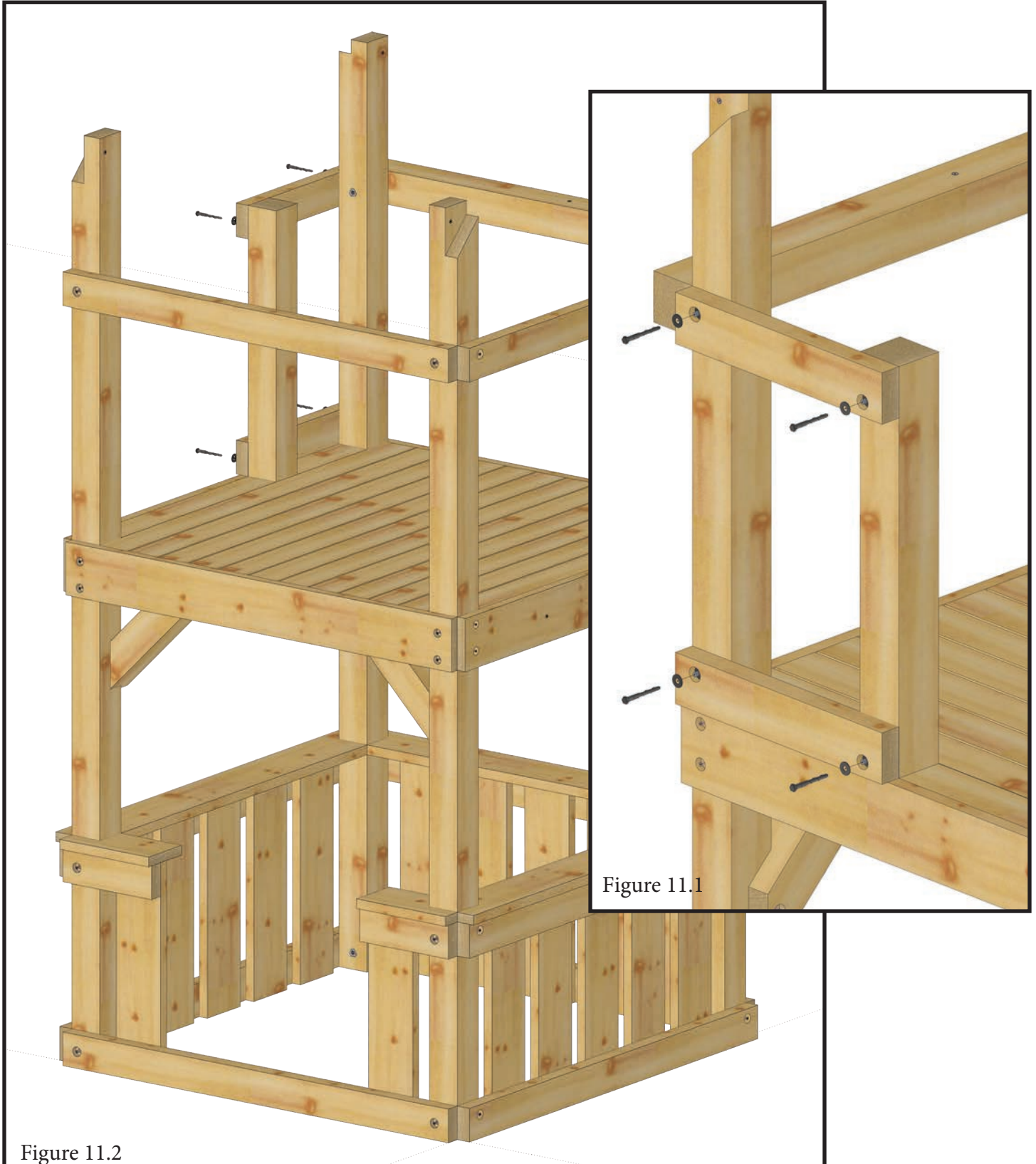
10.1 Fasten Fascia Side Wall (2) to Corner Post with 1/4 x 2-1/2 Lag Bolts with 1/4 washer as shown in Figure 10.0.

10.2 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 10.0. Mind the offset pattern as shown in Figure 10.1.



Step Eleven: Gangway Post

11.1 Fasten Top Panel GW (2) to the Corner Post and Gangway Post with 5/16 x 3 Lag Bolts with 5/16 washer as shown in Figure 11.1.



Step Twelve: Wall Slats

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

12.2 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 12.2.

12.3 Fasten the top of the Pocket Slat 28” with 2” Screws as shown in Figure 12.1.

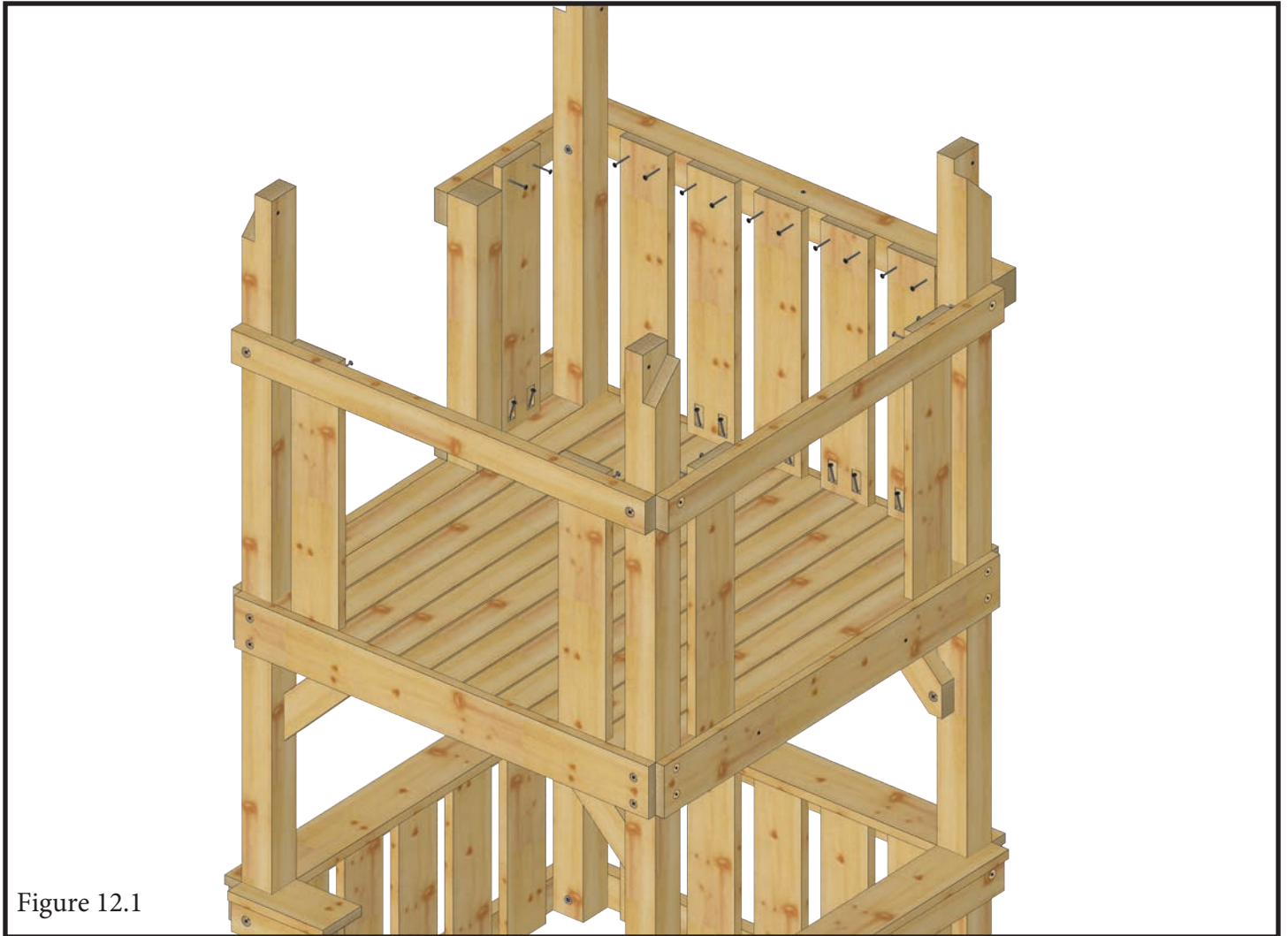


Figure 12.2 Shows how the large pockets allow for angling the screws to ensure alignment into the deck boards.

Step Thirteen: Gangway

13.1 Place Ladder Steps into Dado of GW Ladder Runners as shown in Figure 13.0.

13.2 Pre-drill and fasten Steps with 4" Screws.

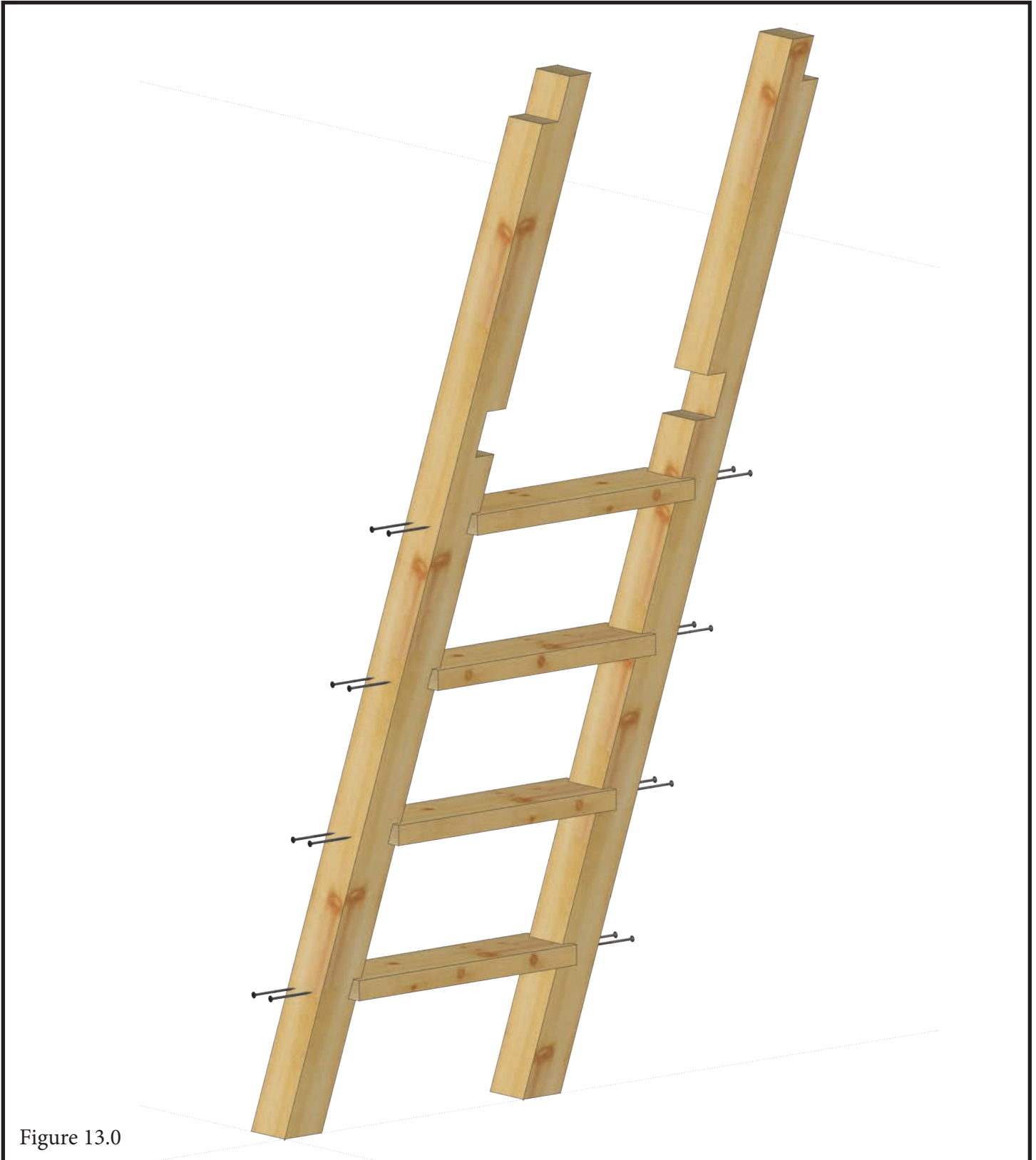


Figure 13.0

Step Fourteen: Gangway (cont.)

14.1 Fasten Bottom Runners to GW Ladder Runners with 5/16 x 6 Hex Bolts and 5/16 washer into T-Nuts as shown in Figure 14.1.

14.2 Fasten Slim Sams (2) between Ladder Runners and Bottom Runners with 5/16 x 3 Lag Bolts with 5/16 washer as shown in Figure 14.2.

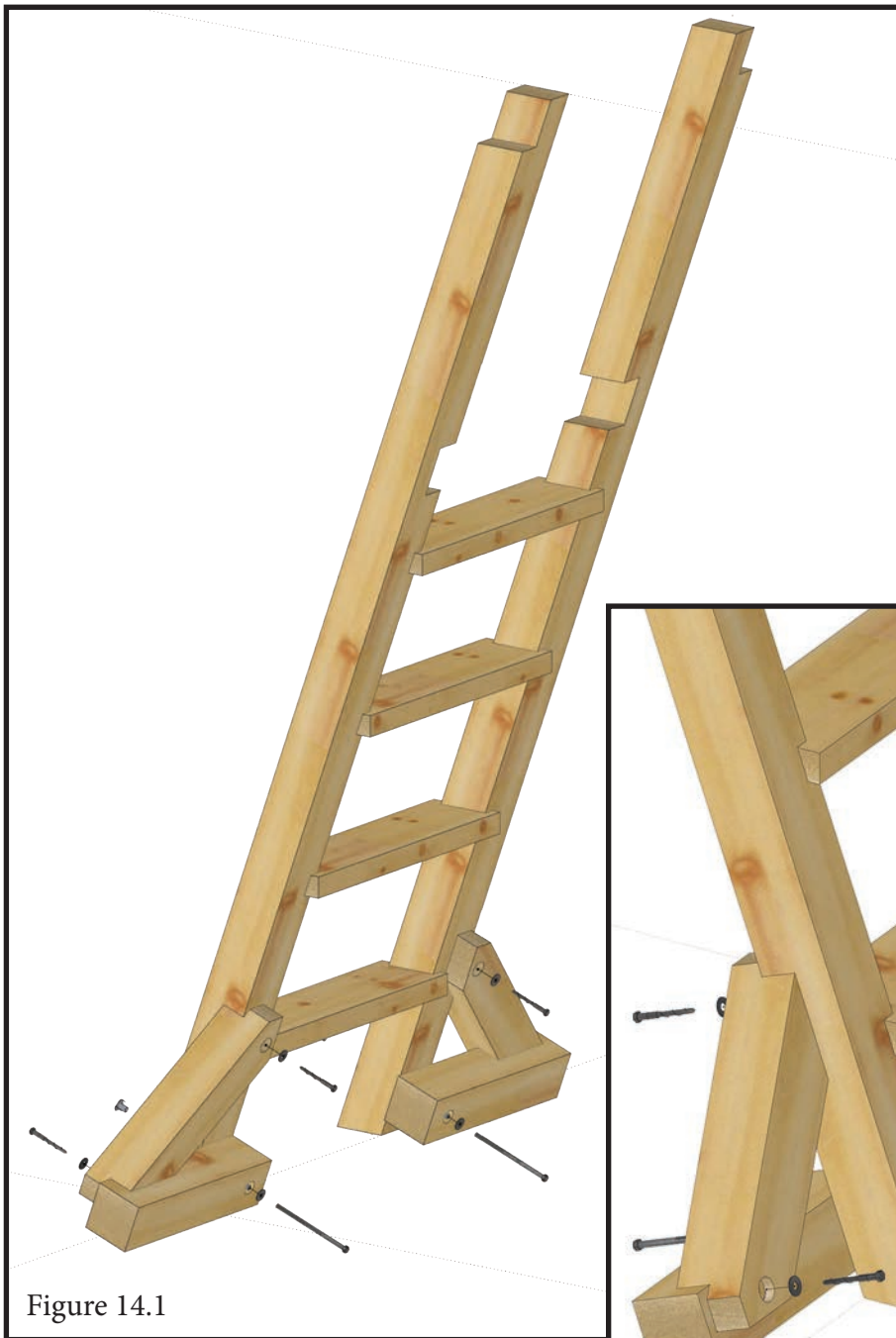


Figure 14.1

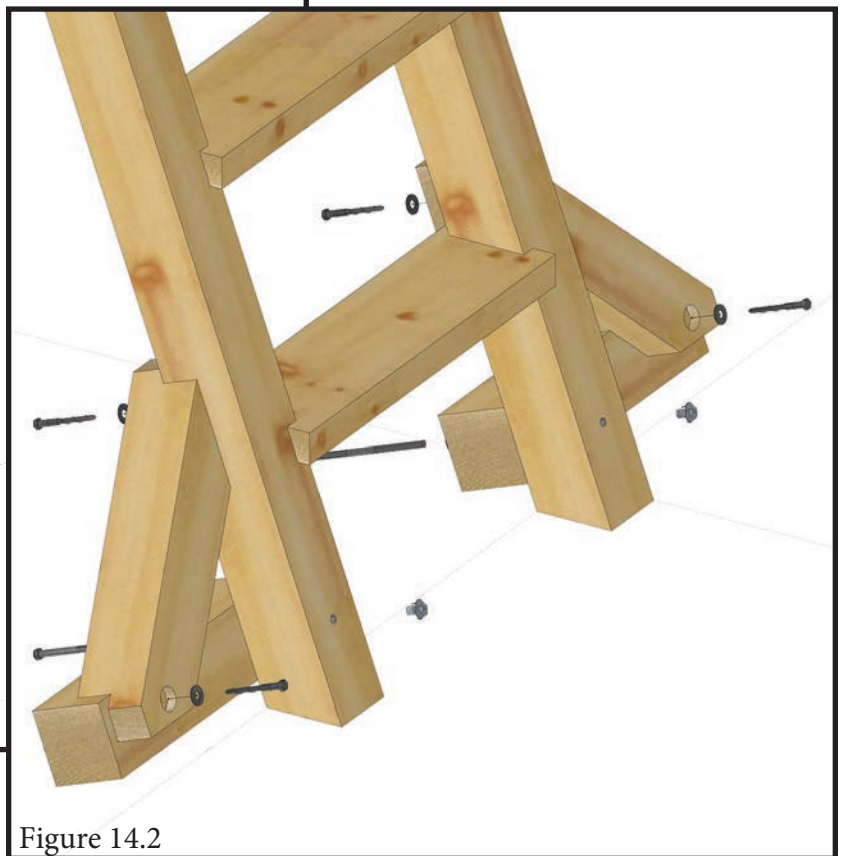


Figure 14.2

Step Fifteen: Gangway (cont.)

15.1 Fasten Gangway Runners to GW Ladder Runner with 5/16 x 3-1/2 Hex Bolts and 5/16 washer into T-Nuts as shown in Figure 15.0.



Figure 15.0

Step Sixteen: Gangway (cont.)

16.1 Fasten Gangway Runners down into the play deck with 5/16 x 3 Lag Bolts with 5/16 washer.

16.2 Fasten Gangway Rails Left and Right to the top of the GW Ladder Runners with 5/16 x 3-1/2 Hex Bolts and 5/16 washer into T-Nuts.

16.3 Fasten tower end of Rails to the Corner Post and Gangway Post with 5/16 x 3 Lag Bolts with 5/16 washer.



Figure 16.1

Step Seventeen: Gangway (cont.)

17.1 Fasten GW Ladder Top to the top of the GW ladder Runners with 2-1/2" Screws (4) as shown in Figure 17.3.

17.2 Fasten Deck Supports (2) to Gangway Runners with 5/16 x 4-1/2 Hex Bolts and 5/16 washer into T-Nut as shown in Figures 17.1 and 17.2.

17.3 Fasten Center Deck Support to Gangway Runners with 5/16 x 4-1/2 Hex Bolts and 5/16 washer into T-Nut as shown in Figure 17.2.

17.4 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 17.2. Snap spring clips

17.5 Fasten Deck Support to back of GW Ladder Runners with 5/16 x 3 Lag Bolts with 5/16 washer as shown Figure 17.2.



Figure 17.1



Figure 17.2



Figure 17.3

Step Eighteen: Gangway (cont.)

18.1 Pre-drill and fasten Gangway Deck Boards Down with 2-1/2" Screws as shown in Figure 18.1.

18.2 Pre-drill and fasten Gangway Slats with 2" Screws as shown in Figure 18.2. Space out evenly, leaving about 2-1/4" between boards.

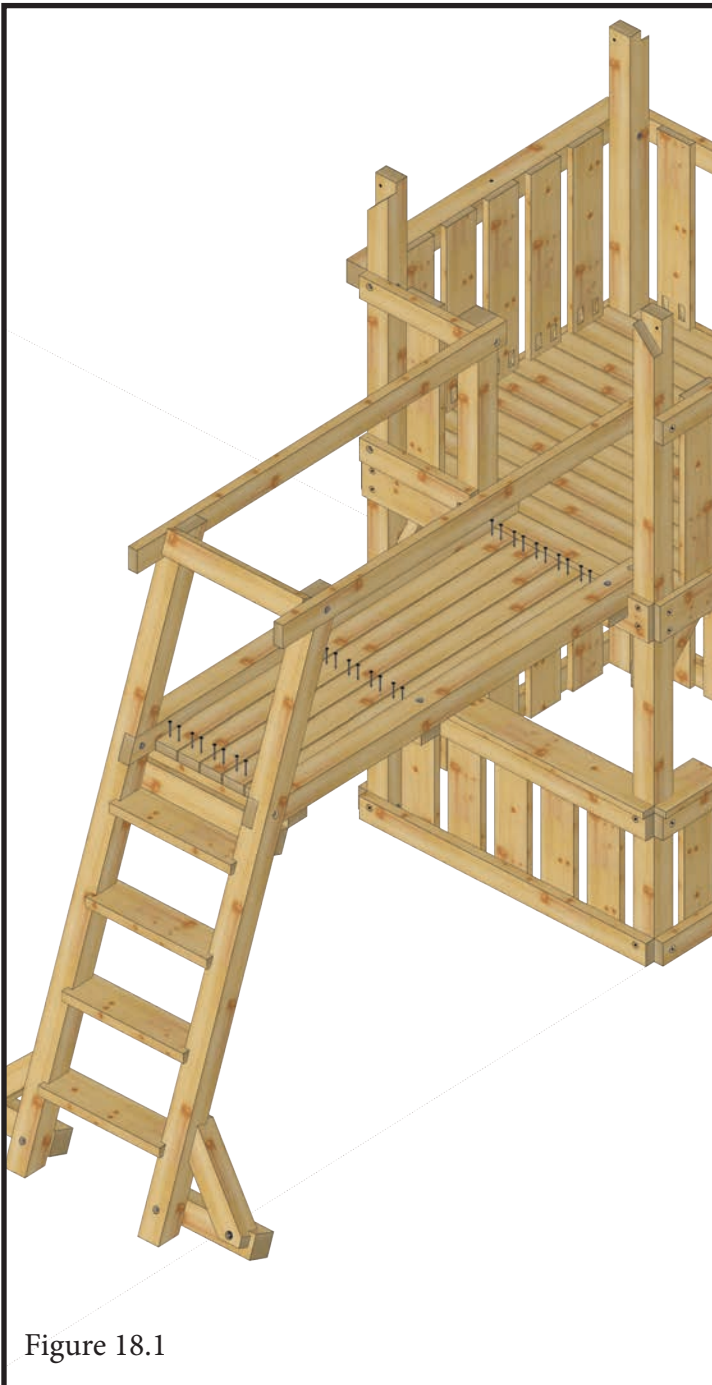


Figure 18.1



Figure 18.2

Step Nineteen: Rock Wall Pre-Assembly

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

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

Figure 19.1

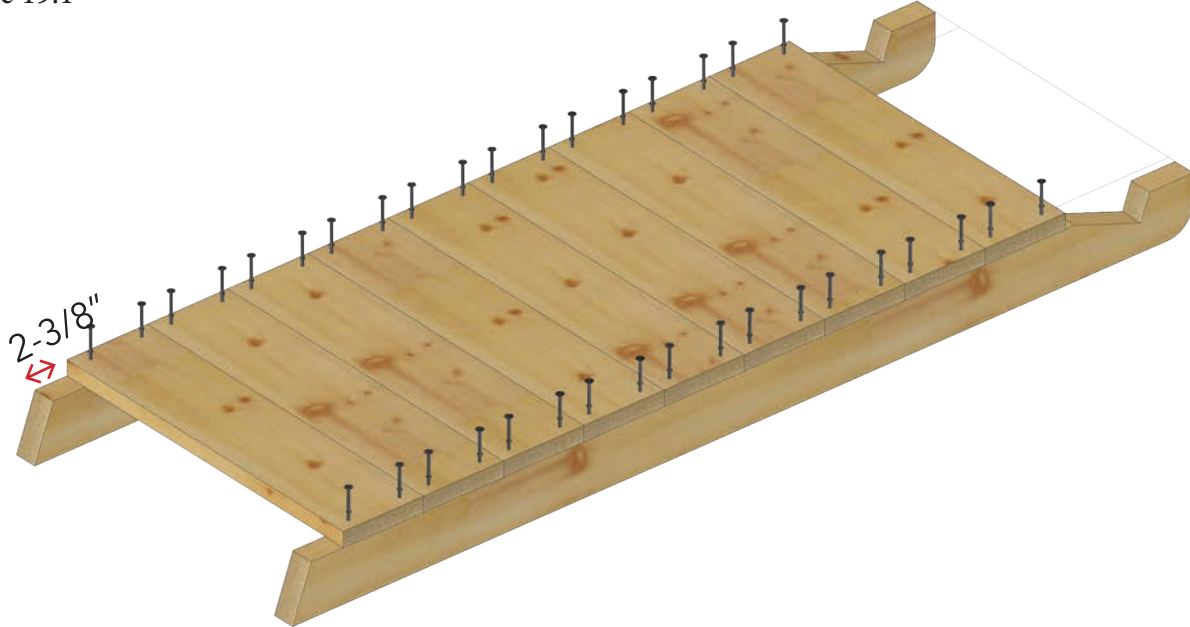


Figure 19.2



19.3 Place plastic Rocks in desired positions.

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

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

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

Step Twenty: Attaching the Rock Wall

20.1 Fasten Rock Wall Assembly to Fascia Gable Side with (2) 5/16 x 3 Lag Bolts with 5/16 washer as shown in Figure 20.2.



Figure 20.1

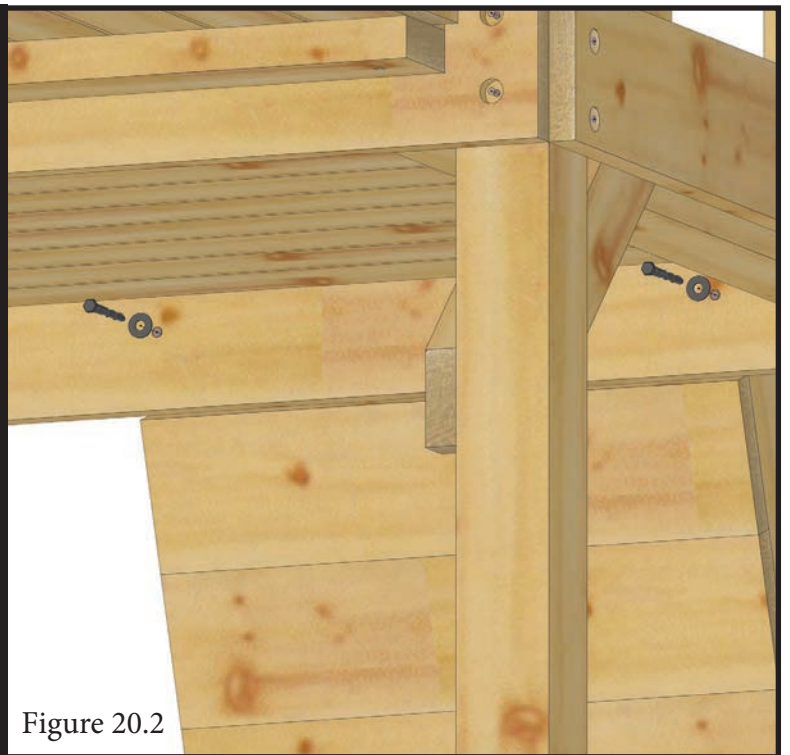
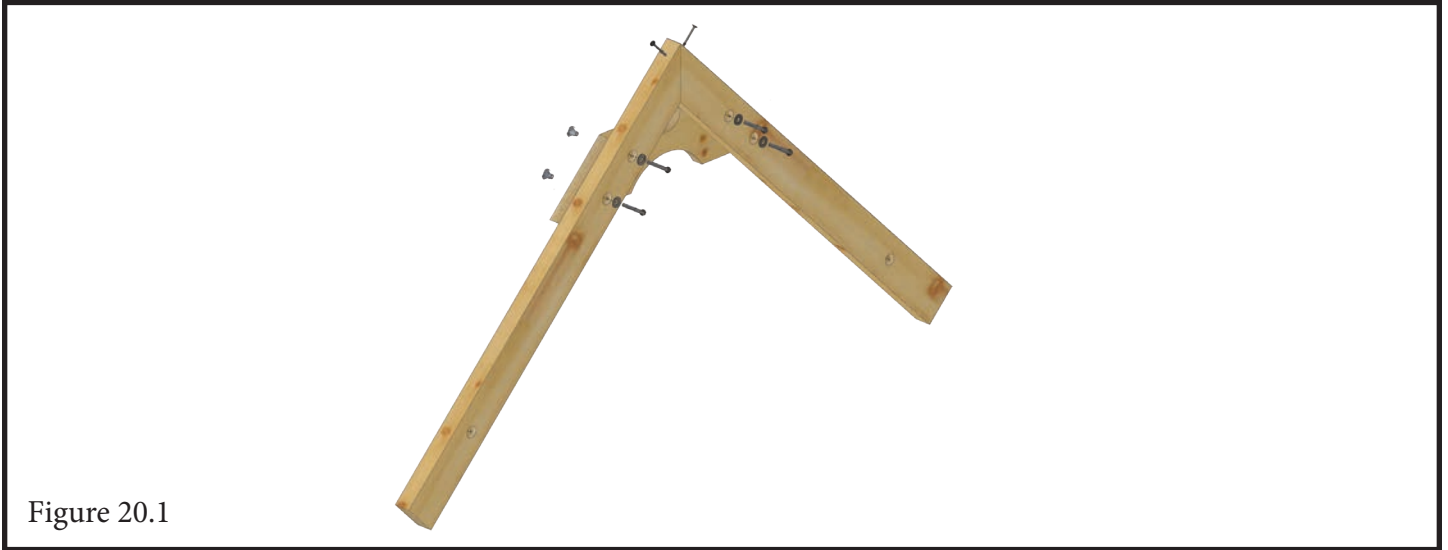


Figure 20.2

Step Twenty-One: Wood Roof

21.1 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 20.1. Repeat for opposite peak side.

21.2 Add two 2" screws to align each peak.



21.3 Fasten Rafter Assembly to Corner Post with 5/16" x 3" Hex Bolts with 5/16" washer into T-Nuts as shown in Figure 20.2.



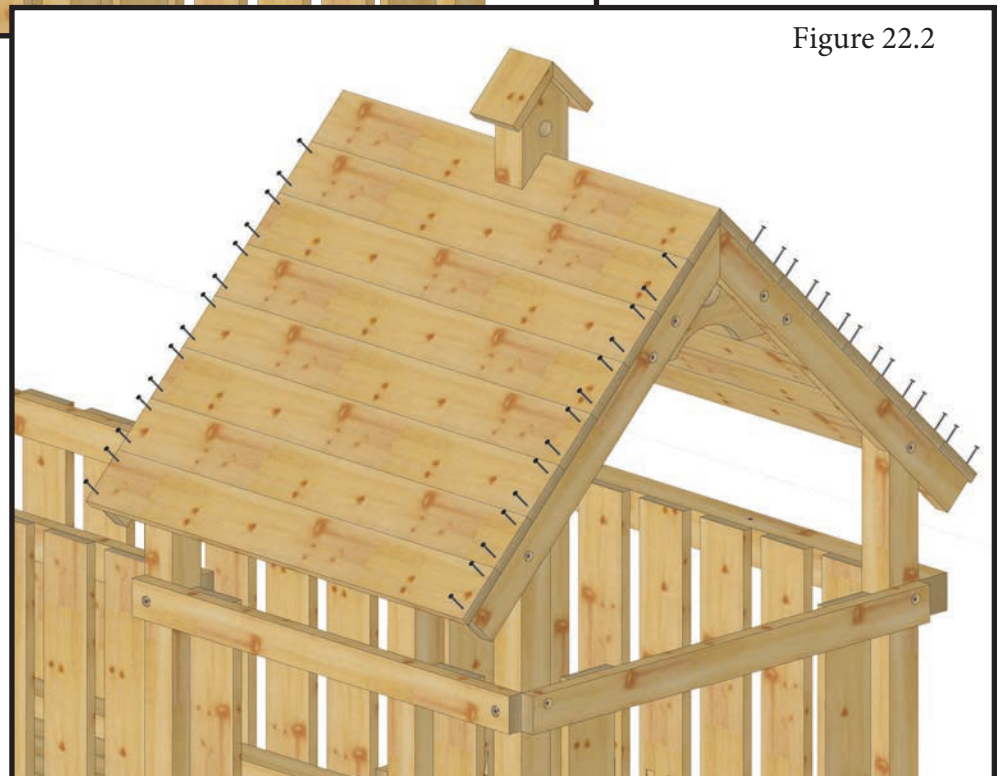
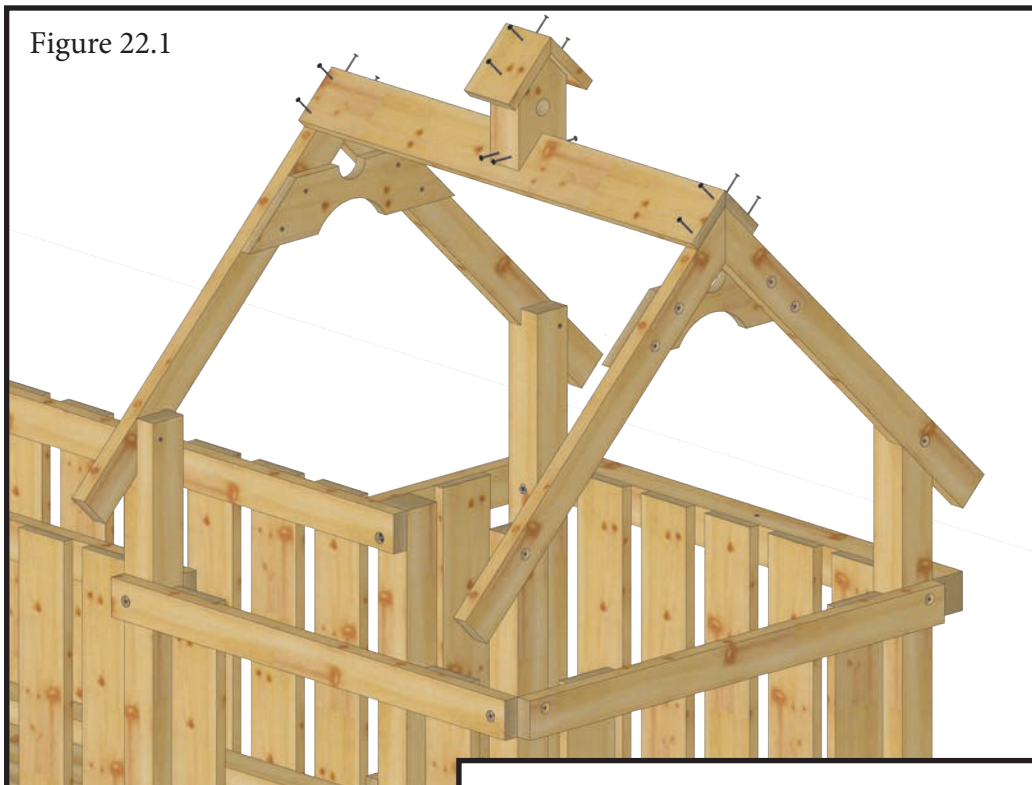
Step Twenty-Two : Wood Roof (cont.)

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

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

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

22.4 Pre-drill and fasten remaining Roof Boards to Rafter Assembly with 2" Screws.



Step Twenty-Three: A-Frame Pre-Assembly

23.1 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 23.1. Do Not Fully Tighten.

23.2 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 23.2. Do Not Fully Tighten.

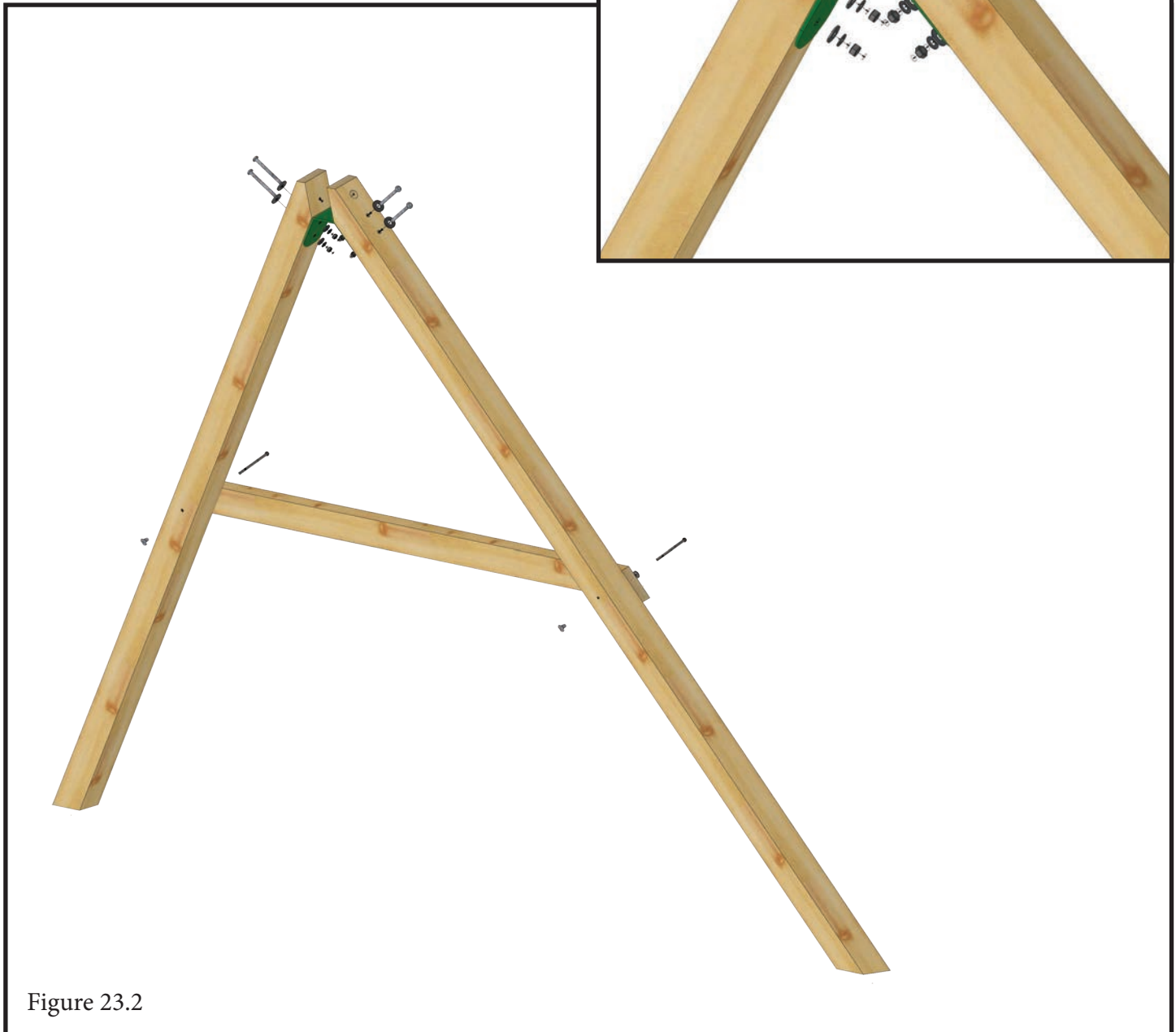
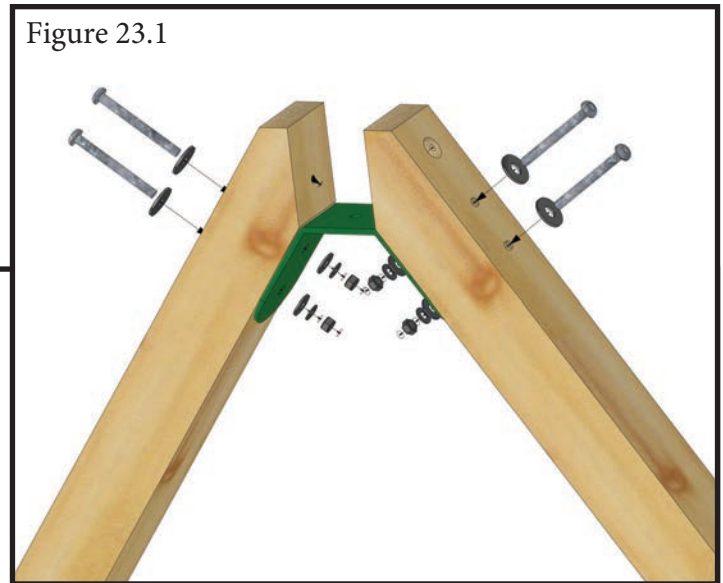
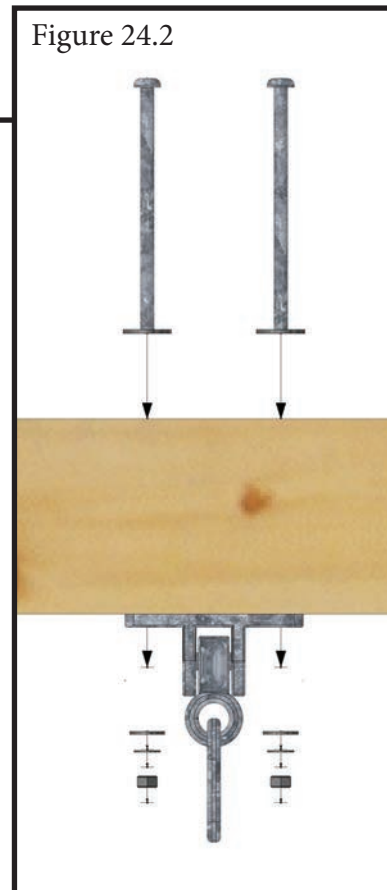
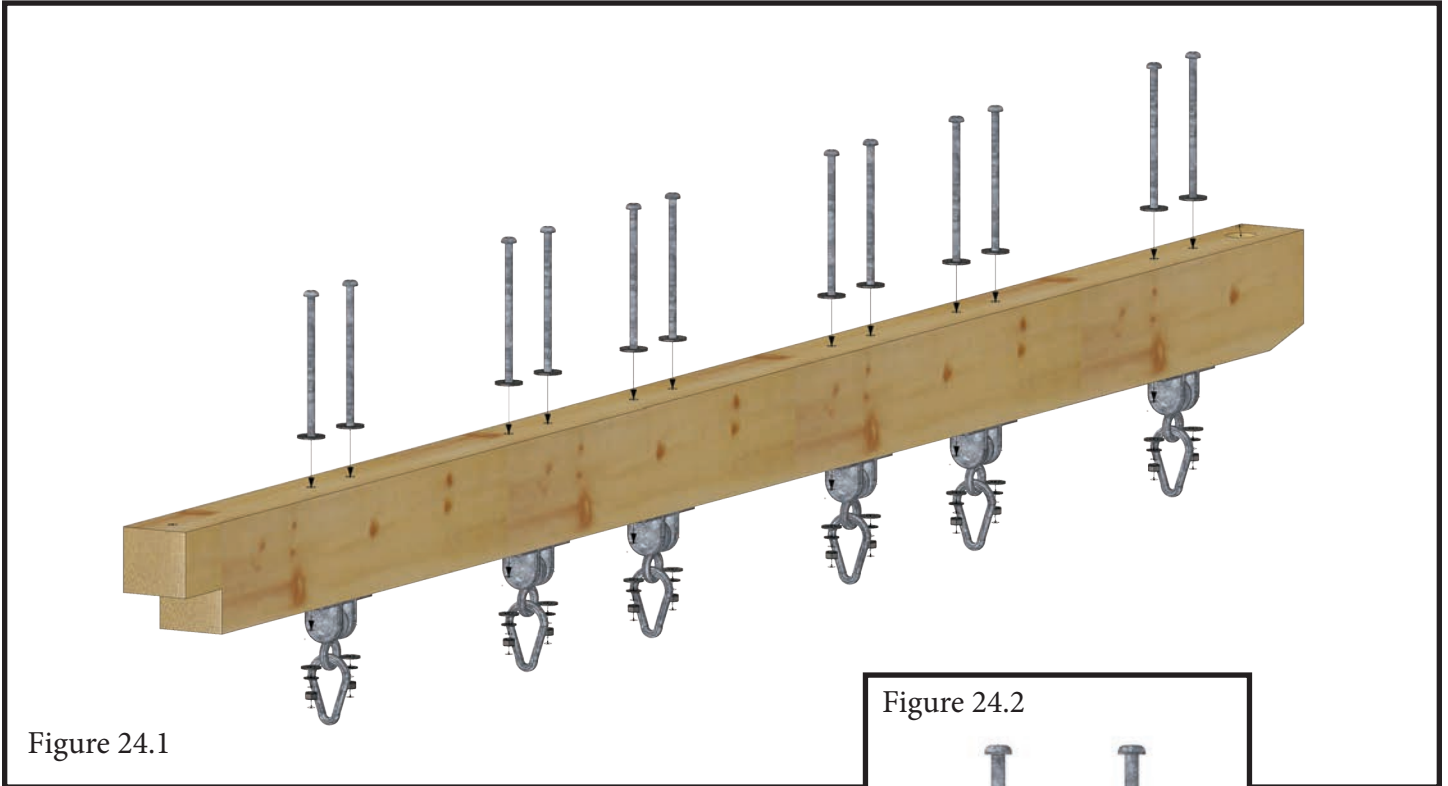


Figure 23.2

Step Twenty-Four: Swing Beam Pre-Assembly

24.1 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 24.2. Tighten until 1/2" washers just start to "sink" into top of beam.

24.2 Snap Spring Clips to Swing Hangers.



Step Twenty-Five: Swing Arm Assembly

25.1 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.

25.2 Fully tighten nuts from step Twenty-Three.

25.3 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 25.1.

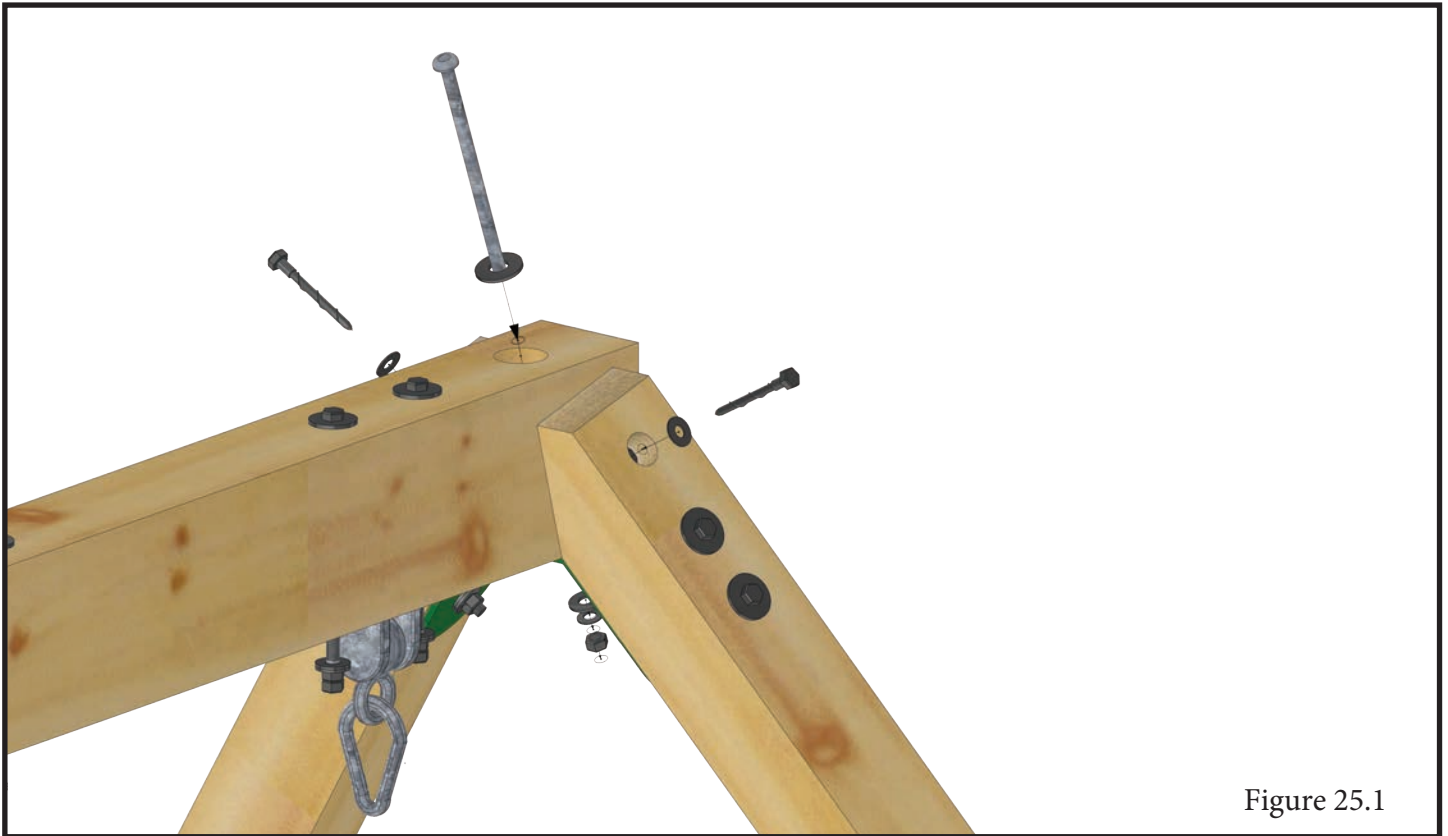


Figure 25.1

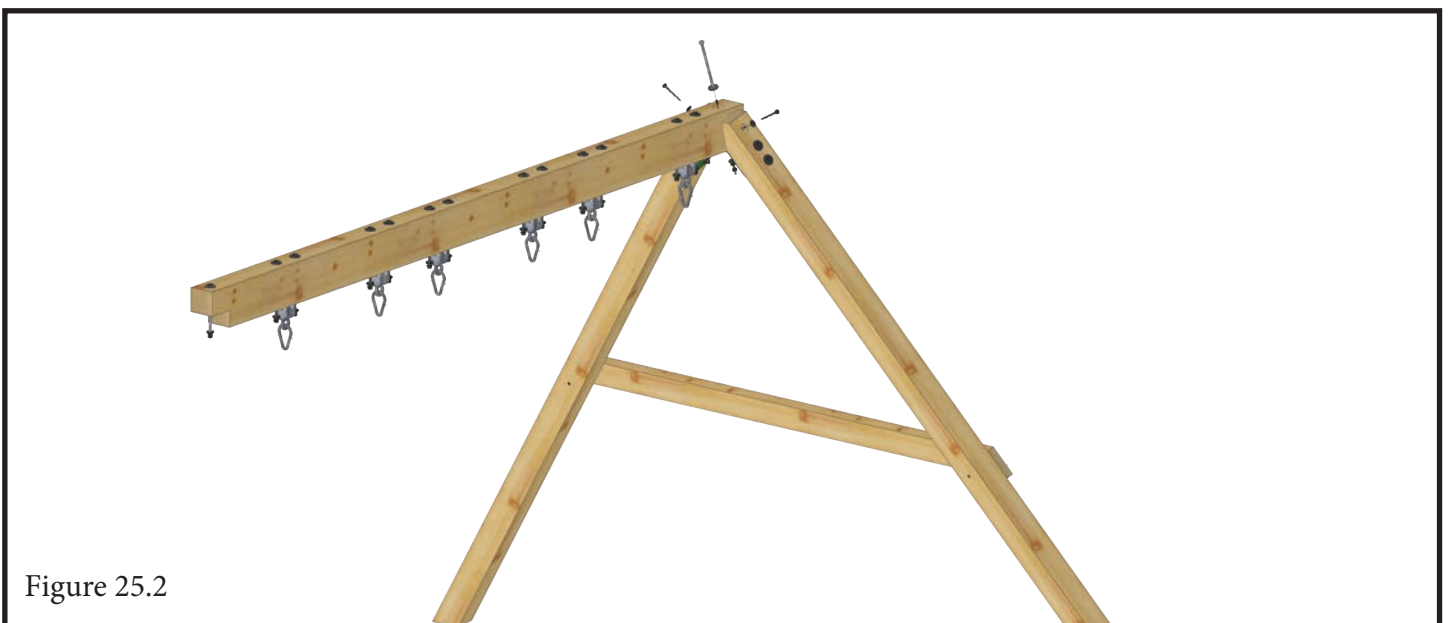


Figure 25.2

Step Twenty-Six:

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

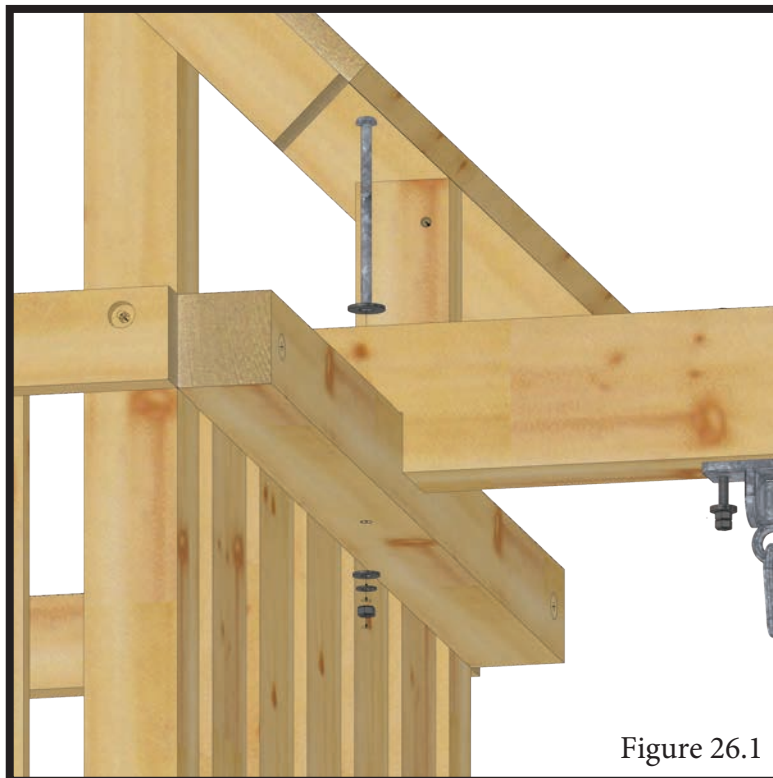


Figure 26.1



Figure 26.0

Step Twenty-Seven:

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

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

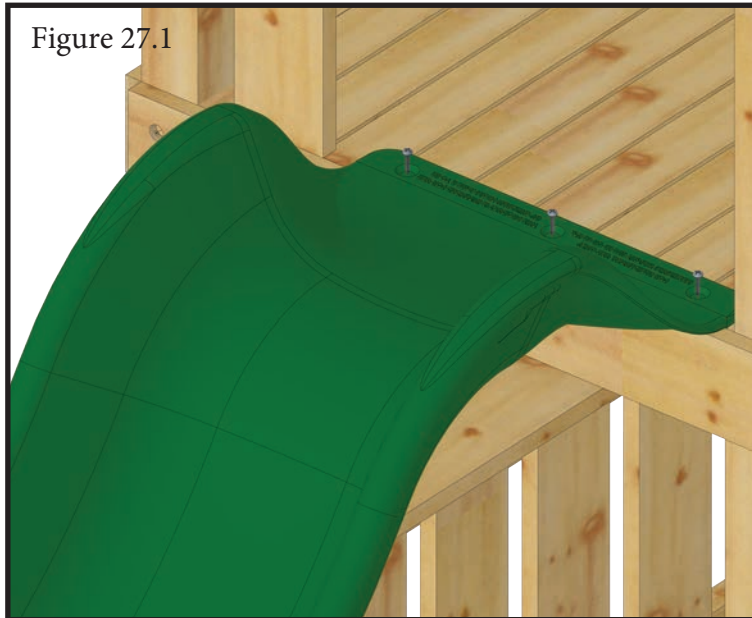


Figure 27.2

