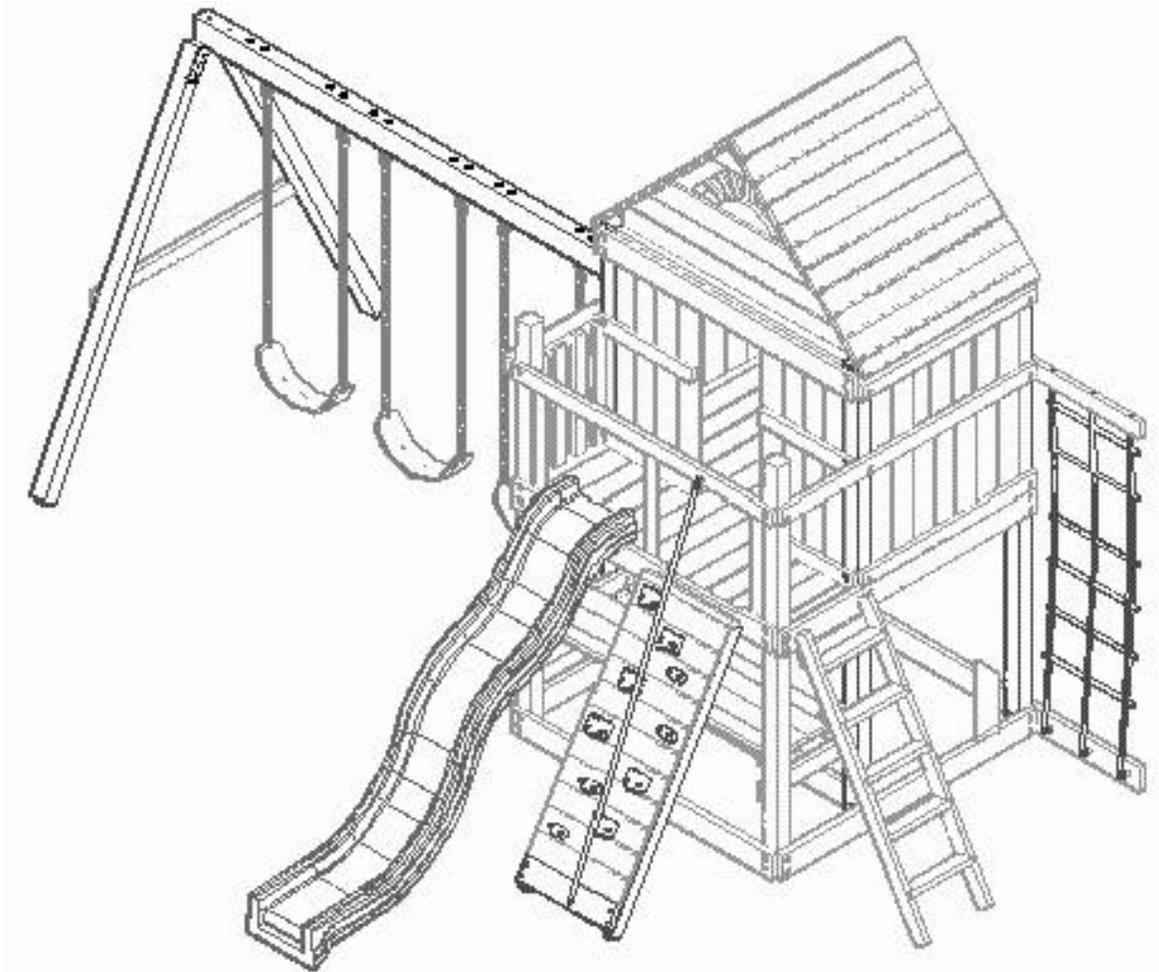


# gorilla

playsets



## Blue Ridge Mountain Cabin ASSEMBLY MANUAL

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### IMPORTANT INFORMATION:

Please call **gorilla playsets®** manufacturing direct when you need assistance assembling the unit or have missing or damaged parts.

Please do not return this product to the retailer.

Please do not contact the retailer direct for replacement parts; the retailer does not stock components.

When contacting a customer service agent, please give the unit name and place of purchase.

Contact Information:

### **gorilla playsets®**

190 Etowah Industrial Court

Canton, GA 30114

Tel. (678) 880-3328

Fax. (678) 880-3329

(800) 882-0272

[custsrv@gorillaplaysets.com](mailto:custsrv@gorillaplaysets.com)

Factory hours - Monday-Friday, 8 A.M.-5 P.M. EST

## WOOD COMPONENTS

SB1. 1 OF 4X4X70" SWING BEAM MOUNT



PB1. 5 OF 2X6X70" PANEL BOARDS



PB2. 1 OF 2X4X70" SAFETY BOARD



FL1. 11 OF 5/4X6X69.875" DECK BOARD



PT1. 1 OF 5/4X3.5X62.875" PICNIC TABLE TOPS



SB2. 1 OF 2X4X58" X-MEMBER



RF1. 1 OF 47.5" ROOF PEAK



RF2. 2 OF 1X4X47.5" LOWER ROOF STARTERS



FL2. 2 OF 5/4X3.5X40.25" SPACER



PT2. 4 OF 2X4X26" PICNIC TABLE SUPPORT



FL3. 2 OF 2X6X24" CORNER SEATS



RW1. 1 OF 5/4X6X23.875" BOTTOM ROCK WALL BOARD



RW2. 11 OF 5/4X6X23.875" ROCK WALL BOARD



SL1. 5 OF 2X4X17" LADDER STEPS



.SB3. 1 OF 4X6X120" PLASTIC SWING BEAM



RF3. 2 OF 5/4X6X62.875" SUN SUPPORT



RF4. 2 OF 5/4X6X60" SUN SUPPORT



RF5. 18 OF 1X5.5X47.5" ROOF BOARDS



RF6. 2 OF 1X4X47.5" ROOF FINISHERS



UR2. 2 OF 4X4X108" MIDDLE CORNER POST



UR3. 2 OF 4X4X108" REAR CORNER POST



PB3. 1 OF 2X6X70" FRONT FACE BOARD



RF14. 2 OF 2X4X62.875" SPACER



PB4. 4 OF 2X4X47.5" TOP PANEL BOARD



WS1. 24 OF 1X6X47.5" WALL SLATS



FL5. 1 OF 2X4X70" DECK SUPPORTS



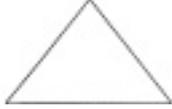
FL6. 2 OF 1X3X40.25" SPACER



RF7. 2 OF 5/4X1.5X16" LARGE RAY



RF8. 2 OF 5/4X10" ROOF TOP SUPPORTS



SB3. 2 OF 4X4X96" SWING BEAM LEGS



RF9. 12 OF 5/4X1.5X10"



SL2. 1 OF 2X4X66" L/H LADDER SIDE



SL3. 1 OF 2X4X66" R/H LADDER SIDE



RW3. 2 OF 2X4X66" ROCK WALL SIDES



PB5. 1 OF 2X4X70" LEFT SIDE TOP PANEL BOARD



PB6. 1 OF 2X4X70" RIGHT SIDE TOP PANEL BOARD



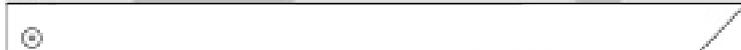
PB7. 1 OF 2X4X70" FRONT TOP PANEL BOARD



RF10. 2 OF 2X4X51" FUH ROOF SUPPORT



RF11. 2 OF 2X4X51" L/H ROOF SUPPORT



PB4. 3 OF 2X4X47.5" TOP PANEL BOARD



RW4. 1 OF 5/4X3X23.875" ROCK WALL TOP BOARD



PB8. 2 OF 2X6X70" RIGHT SANDBOX BOARD



PB9. 2 OF 2X6X70" LEFT SANDBOX BOARD



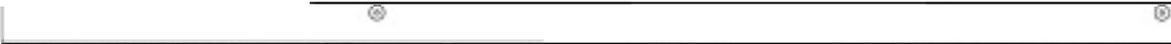
UR1. 2 OF 4X4X96" FRONT CORNER POST



RL1. 1 OF 2X6X100' ROPE LADDER RUNNER



RL2. 1 OF 2X4X100' ROPE LADDER SUPPORT



PB1. 3 OF 2X6X70" PANEL BOARDS



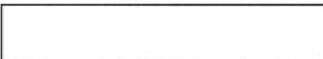
PT3. 2 OF 5/4X6X69.875" PICNIC TABLE TOP



SL4. 1 OF 5/4X3X18.75" LADDER SAFETY BOARD



FL7. 2 OF 5/4X3.5X18.75" SPACER



WS2. 1 OF 2X4X18" DOOR SUPPORT



SL1. 2 OF 2X4X17" LADDER STEPS



RF12. 2 OF 2X6X16" MOON



PT4. 1 OF 2X4X14.5" CENTER PICNIC TABLE SUPPORT



WS3. 7 OF 5/4X2.625X28.5" PANEL SLATS



PT5. 1 OF 2X6X62.875" PICNIC TABLE SEAT



RF13. 2 OF 5/4X6X49" SUN SUPPORT



WS4. 12 OF 1X6X28.5" WALL SLATS



WS5. 2 OF 2X4X25.5" LEFT FRONT WALL SUPPORT



WS6. 2 OF 2X4X25.5" RIGHT FRONT WALL SUPPORT



6 DUCTILES

6 S-CLIPS

1 TRIPLATE

10 GREEN ROCKS

10' 3/4 ROPE

1 10' GREEN WAVE SLIDE

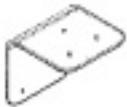
2 PLAYMATE SWINGS

3 SCREEN

2 HANDLES

1 TELESCOPE

4 GREEN BRACKETS AC9



4 2X2 GREEN ANGLE BRACKETS

1 INSTRUCTION MANUAL

1 GORILLA ROPE LADDER

1 A-FRAME BRACKET

1 ADV TRAPEZE BAR ASSEMBLY

1 4X GREEN BUMPER PAD

2 HINGES

1 BELL

## Blue Ridge Mountain Cabin Kit Contents

Components <u>Description</u>	Qty	Check List
<i>(Swings, Slides, Accessories)</i>		
Swingbelts w/ Chains	2	_____
Telescope	1	_____
Rope Climber	1	_____
10ft. Wave Slide	1	_____
The Assembly Manual	1	_____
Rockwall Grips (assorted colors)	10	_____
Trapeze	1	_____
Bumper Pad	1	_____
Dinner Bell	1	_____
Safety Handles	2	_____

Description  
*(Fort Hardware)* *16-18*

Description  
*(Swing Beam Hardware)* *11-16*

Description  
*(Wood Components)* *11-16*

### REQUIRED TOOL LIST

Standard or Cordless Drill w/ Phillips Bit (#2 square bit provided)

1/8" Drill Bit

3/8" Drill Bit

7/16" Drill Bit

1/2" Wrench or Socket

9/16" Wrench or Socket

Level

Tape Measure

Extension Cord (if using standard drill)

Hammer

Pencil

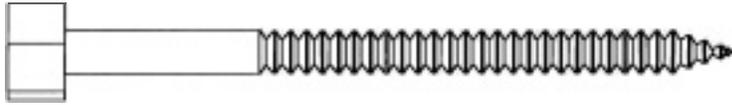
Vise Grips

3/8" x 9" CARRIAGE BOLT  
QUANTITY: 1

3/8" x 6 1/2" CARRIAGE BOLT  
QUANTITY: 17

3/8" x 3 1/2" CARRIAGE BOLT  
QUANTITY: 2

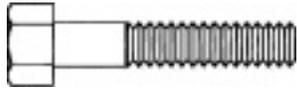




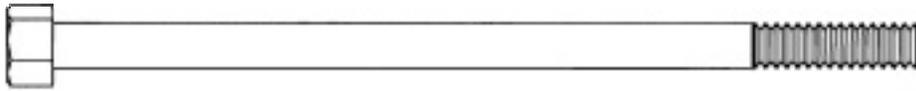
5116" x 3 1/2" HEX HEAD LAG BOLT  
QUANTITY: 57



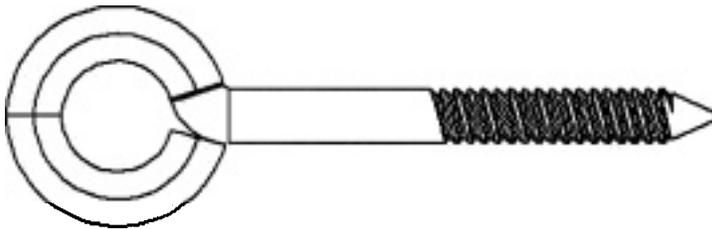
3/8" x 3 1/2" HEX HEAD LAG BOLT  
QUANTITY: 12



5116" x 1 1/4" HEX HEAD BOLT  
QUANTITY: 8



5116" x 4 1/2" HEX HEAD BOLT  
QUANTITY: 45



5116" x 3" EYE LAG BOLT  
QUANTITY: 3



#14 x 1 1/2" PAN HEAD BOLT  
QUANTITY: 24



#8 x 1 1/4" WOOD SCREW---SLIDE AND DINNER BELL  
QUANTITY: 4



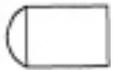
#8 x 1 1/2" WOOD SCREW---ROOF, WALLS  
QUANTITY: 280



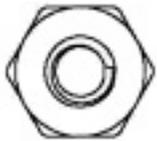
#8 x 2" WOOD SCREW-ROCK WALL, DECKS, PT, P SLAT  
QUANTITY: 150



#8 x 2-1/2" WOOD  
QUANTITY: 34



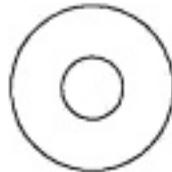
BOLT CAP  
QUANTITY: 20



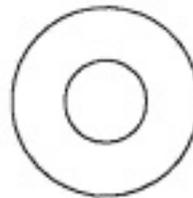
3/8" LOCK NUT  
QUANTITY: 20



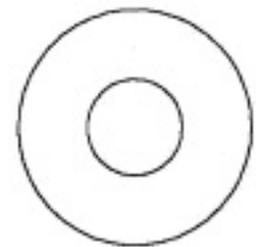
5/16" LONG BARREL T-NUT  
QUANTITY: 55



5/16" FLAT WASHER  
QUANTITY: 110



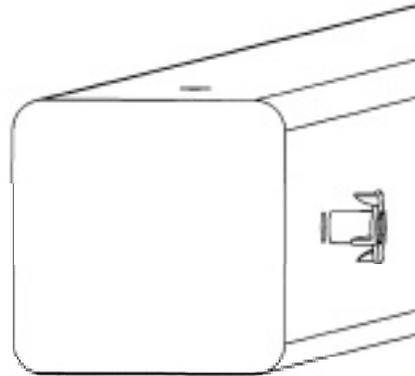
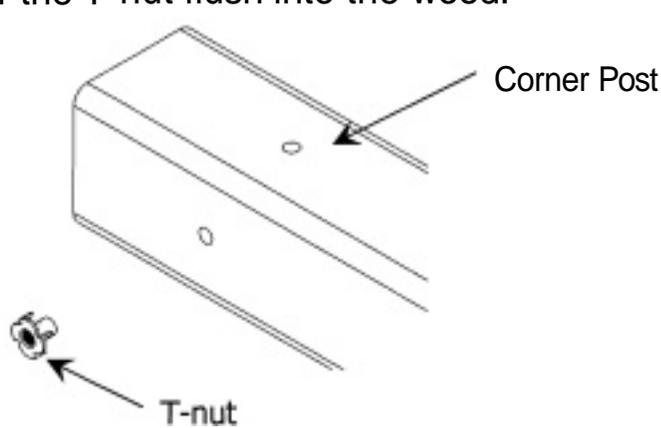
3/8" FLAT WASHER  
QUANTITY: 31



1/2" FLAT WASHER  
QUANTITY: 20

Common installation practice  
Installing T-nuts

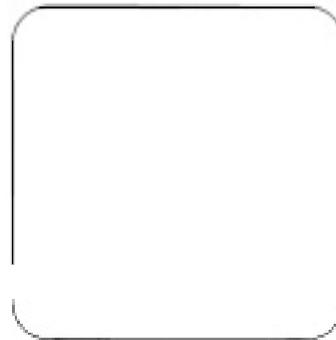
When installing T-nuts into the wood, use a smooth faced hammer to set the face of the T-nut flush into the wood.



Insert the barrel of the T-nut into the predrilled hole. Using a smooth faced hammer, drive the T-nut until the face of the T-nut is flush to the wood.

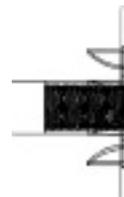


This picture shows the T-nut insert and installed flush to the wood.



This picture shows an end view of the T-nut insert and installed flush to the wood.  
**WARNING: DO NOT EMBED THE TOP OF THE T-NUT INTO THE FACE OF THE WOOD**

Cross Section end views, you are looking at an X-ray view of the post and T-nut. The barrel of the T-nut is in the corner post the line is the face of the wood.

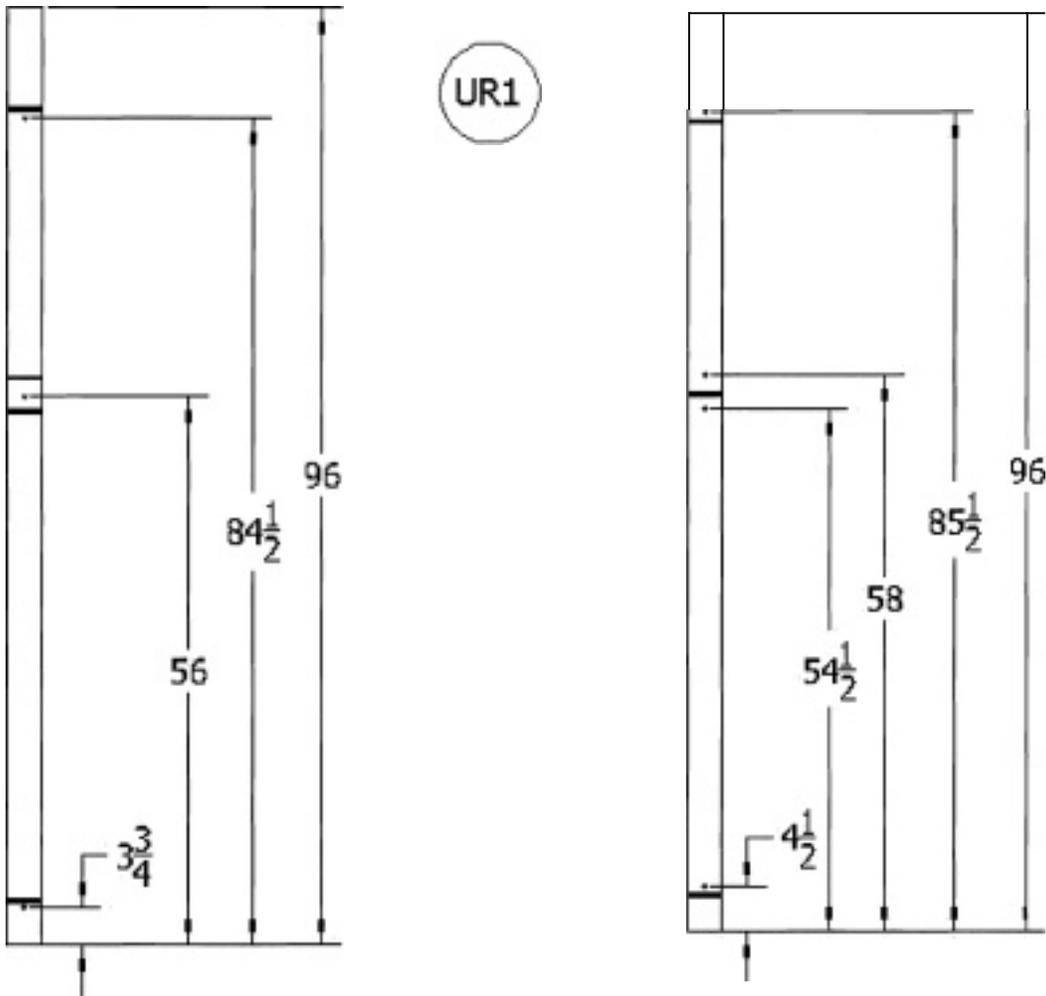


Flush  
Correct

## STEP #1: Assembly of corner posts

In this step you will install the first set of T-nuts into the front corner posts.

First, find the two 4" x 4" x 96" front corner posts.



Left side front of fort  
Refer to page 9 for playset layout

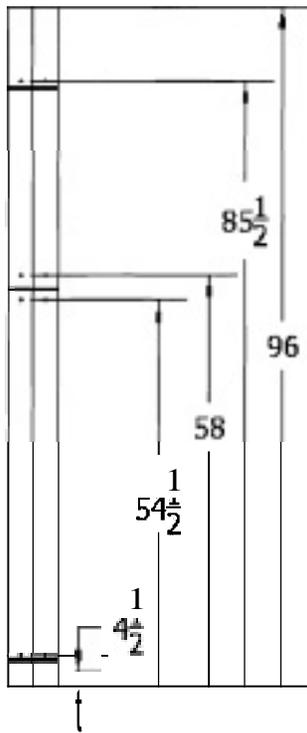
Right side Front of fort  
Refer to page 9 for playset layout

- Make sure all holes are clear of saw dust and debris. Use a 3/8" drill bit or a bolt to clear the holes by sliding it in and out.

Proper installation of T-nuts  
refer to page 15

## Step #1 (cont) Assembly of corner posts

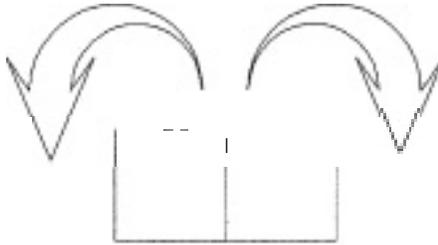
Figure 1



- Placing the corner posts on the ground align the two corner posts making sure that the hole 4 1/2" from the bottom is facing up on each post

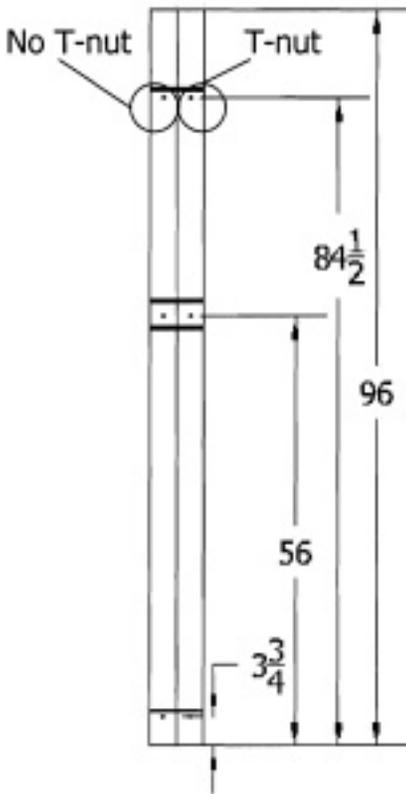
Insert a 5/16" T-nut into the 3/8" hole with dimensions at 4 1/2", 58", and 85 1/2" on each corner post (Figure 1). Install the T-nuts on each corner post. Set the T-nut with a hammer, drive the T-nut until the bottom surface is flush to the surface of the lumber. (Refer to page 15 for illustrations)

- Flip one of the corner post over 1/4 turn to the right and the other post 1/4 turn to the left (Figure 3). Install T-nuts at 3 3/4", 56" and on left corner post. Install T-nuts at 3 3/4", 56" and 84 1/2" dimensions on the right corner post.



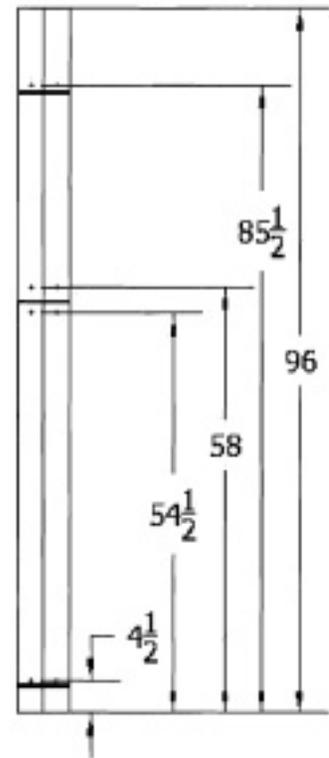
End View of the post  
Figure 3

Figure 2



This will be the corner post for the left side of the fort

Figure 4



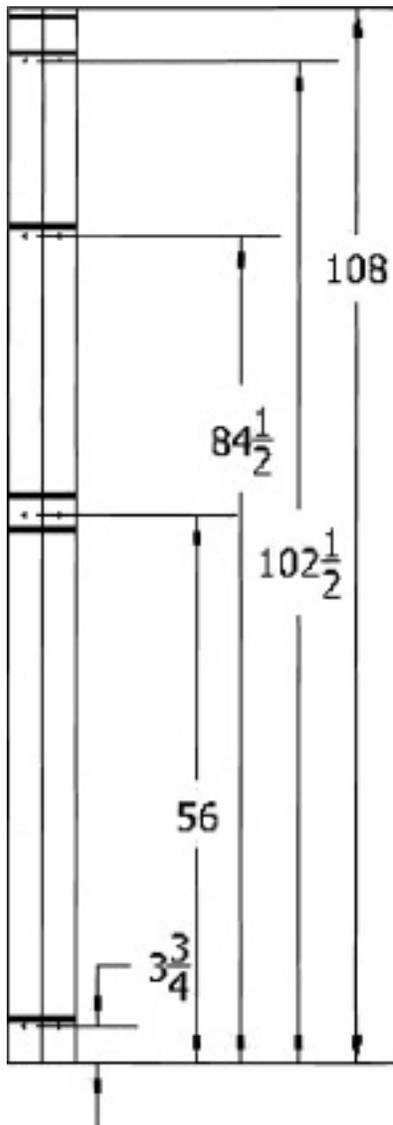
This will be the corner post for the right side of the fort

- Flip one of the corner post over 1/4 turn to the right and the other post 1/4 turn to the left install T-nuts at 54 1/2" on both corner posts (Figure 4)

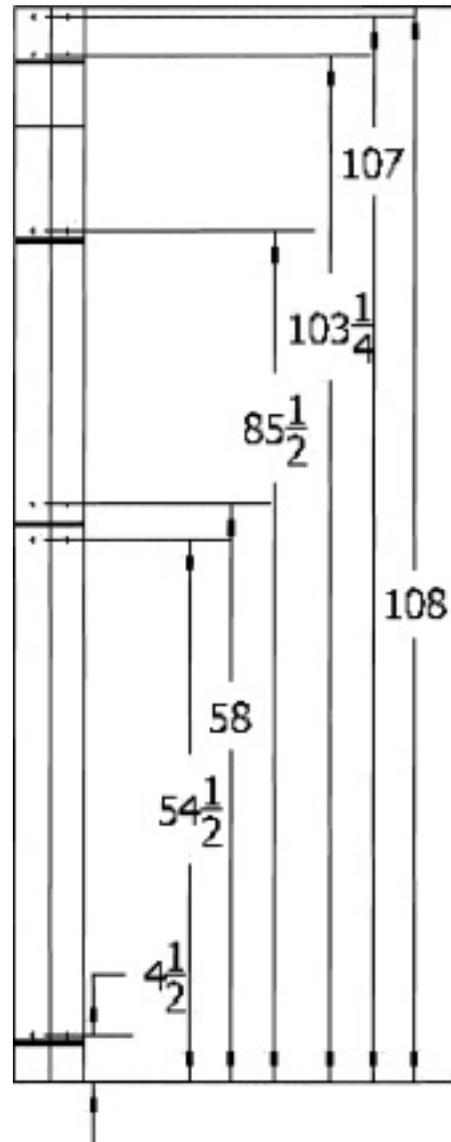
## Step #1 (cont) Assembly of corner 5t

In this step you will install the first set of T-nuts into the middle corner posts.

- First, find the two of the 4" x 4" x 108" front corner posts.



UR2



Left side of fort  
Refer to page 9 for playset layout

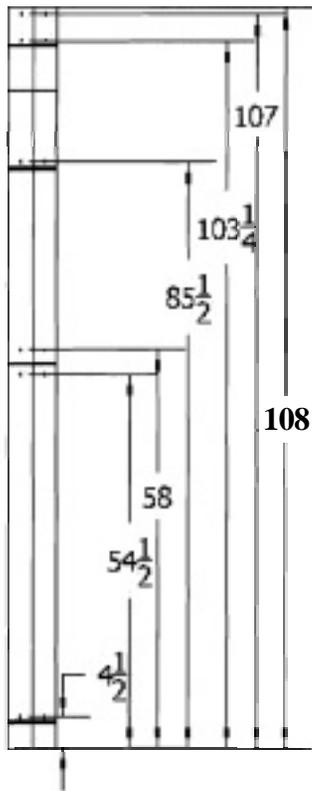
Right of fort  
Refer to page 9 for playset layout

- Make sure all holes are clear of saw dust and debris. Use a 3/8" drill bit or a bolt to clear the holes by sliding it in and out.

Proper installation of T-nuts  
refer to page 15

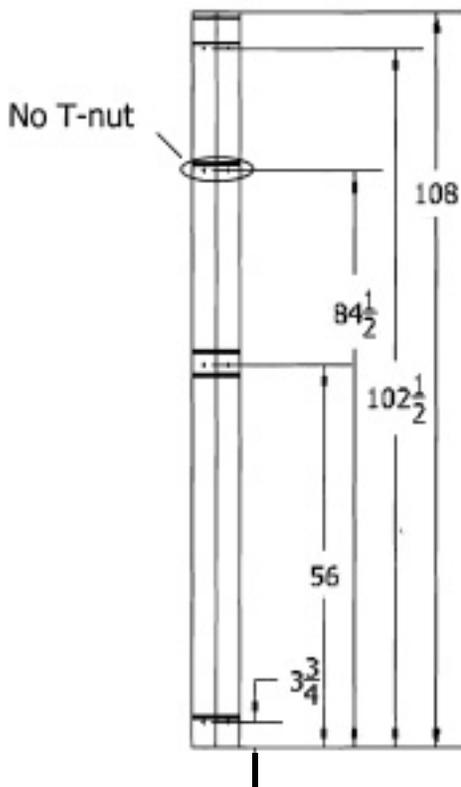
## Step 1(cont) Assembly of corner posts

Figure 1

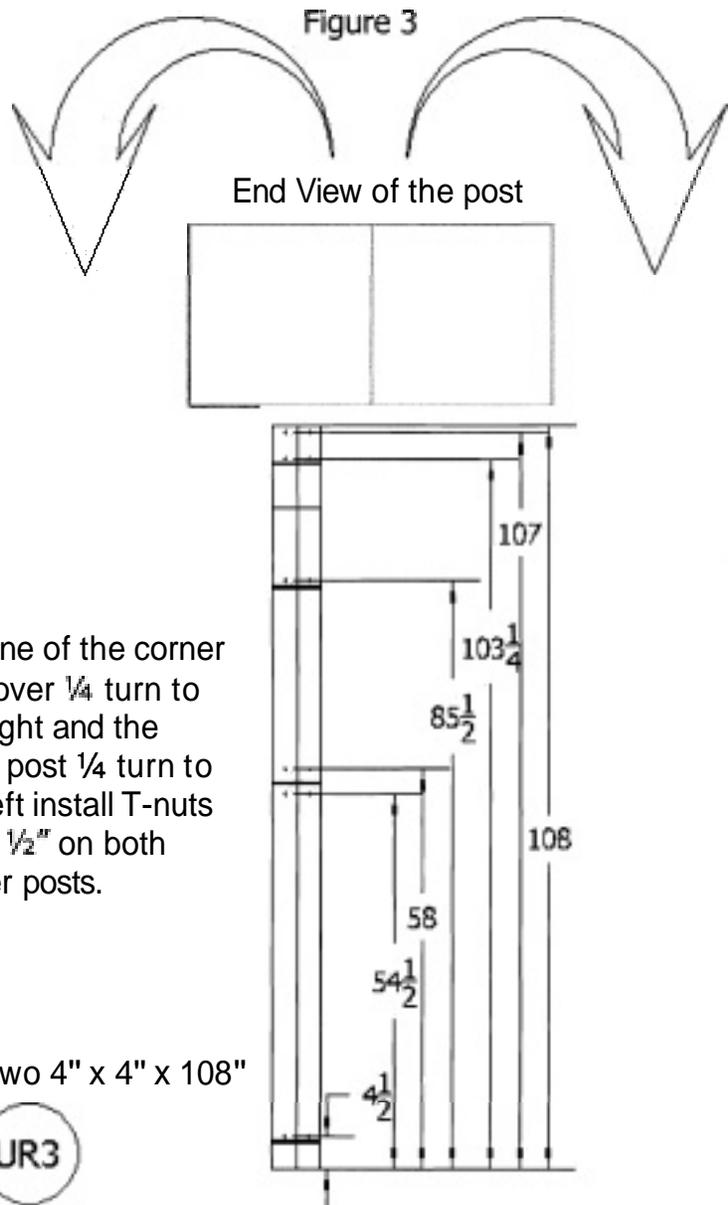


- Placing the corner posts on the ground align the two corner posts making sure that the hole 4 1/2" from the bottom is facing up on each post.
- Insert a 5/16" T-nut into the 3/8" hole with dimensions at 4 1/2", 58", 85 1/2" and 103 1/4" on each corner post. Install the T-nuts on each corner post. Set the T-nut with a hammer, drive the T-nut until the bottom surface is flush to the surface of the lumber.(Refer to page 15 for illustrations)
- Flip one of the corner post over 1/4 turn to the right and the other post 1/4 turn to the left (Figure 3). Install T-nuts at 3 3/4", 56" and on left corner post. Install T-nuts at 3 3/4", 56" and 84 1/2" dimensions on the right

Figure 2



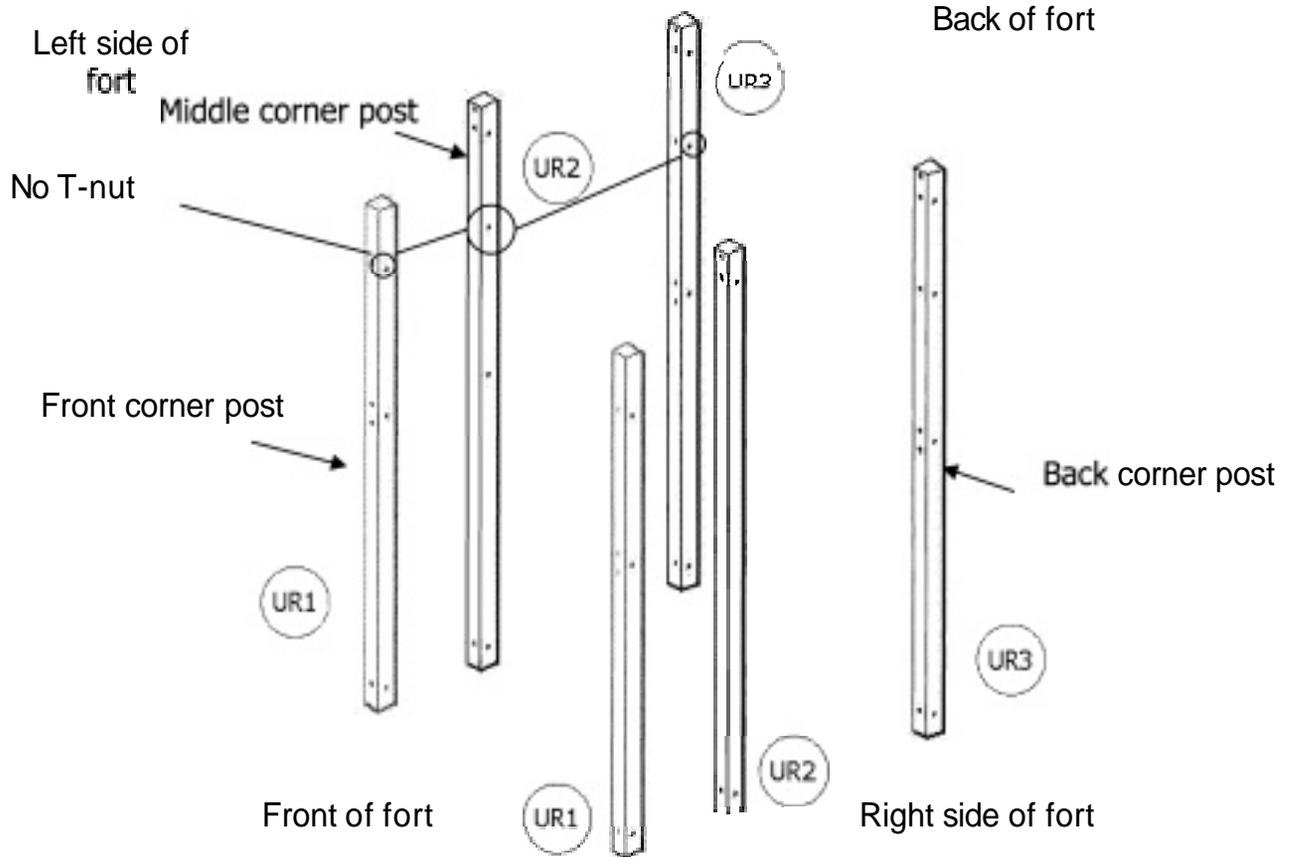
Repeat this step for the last two 4" x 4" x 108" rear corner posts



- Flip one of the corner post over 1/4 turn to the right and the other post 1/4 turn to the left install T-nuts at 54 1/2" on both corner posts.

UR3

## STEP #2: Side wall assembly

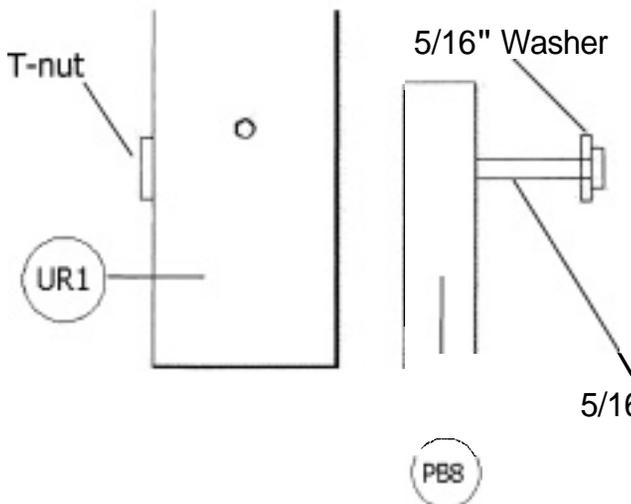


In this step you will construct the left and right side wall.

Find the four 2" X 6" X 70" sandbox boards



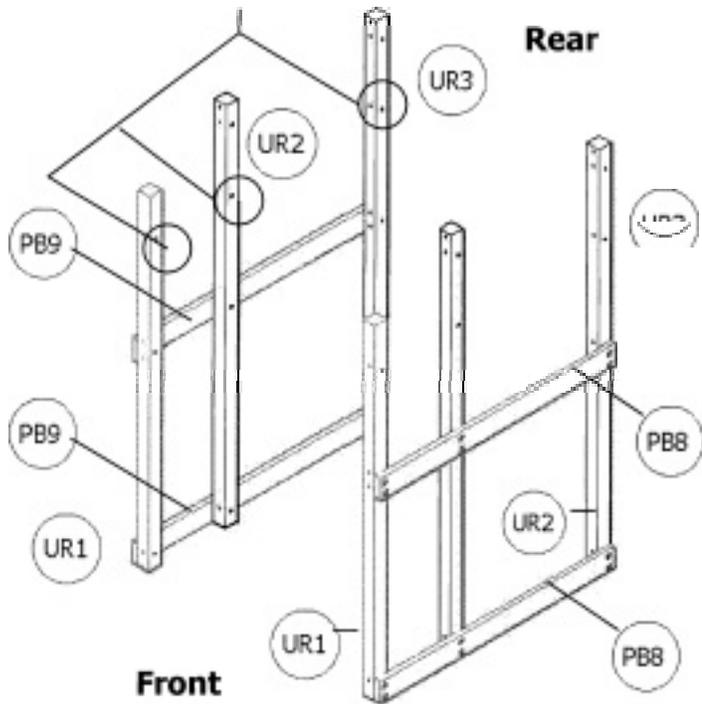
With the offset holes downward, attach each bottom side sandbox board to the front, middle and back corner post



- Use 5/16" X 4 1/2" hex bolts and 5/16" washers to attach through the top hole of the sandbox board, into the holes positioned at 3 3/4" on the corner posts, and into the T-nuts installed in step #1. The T-nuts will be on the opposite side of the corner posts as the sandbox boards. (Note: The bottom hole in the sandbox board will not be used at this time.)

## Step #2(cont) Side wall assembly

These positions will not have T-nuts



Build each wall by laying the boards on the ground in the same pattern as shown standing up. Orientation of the corner post is important at this stage of the build. In step one, you assembled the corner posts. The same orientation of the corner posts need to be observed. The picture to the right shows the front of the fort and the rear of the fort. Refer back to step 1 if you are unsure of the front and rear of the corner post orientation. Hint: the first step in step 1 is the front of the fort.

Find the three 2" X 6" X 70" sandbox boards and back panel board.



One 2" X 6" X 100" Rope ladder runner



One 2" X 4" X 100" Rope ladder support

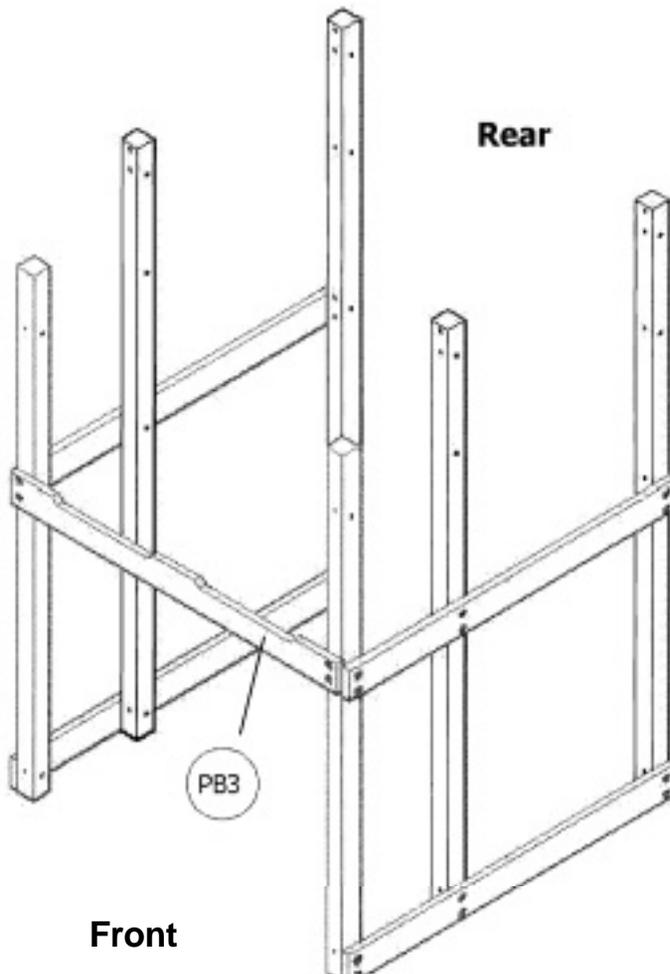


One 2" X 6" X 70" Front face boards



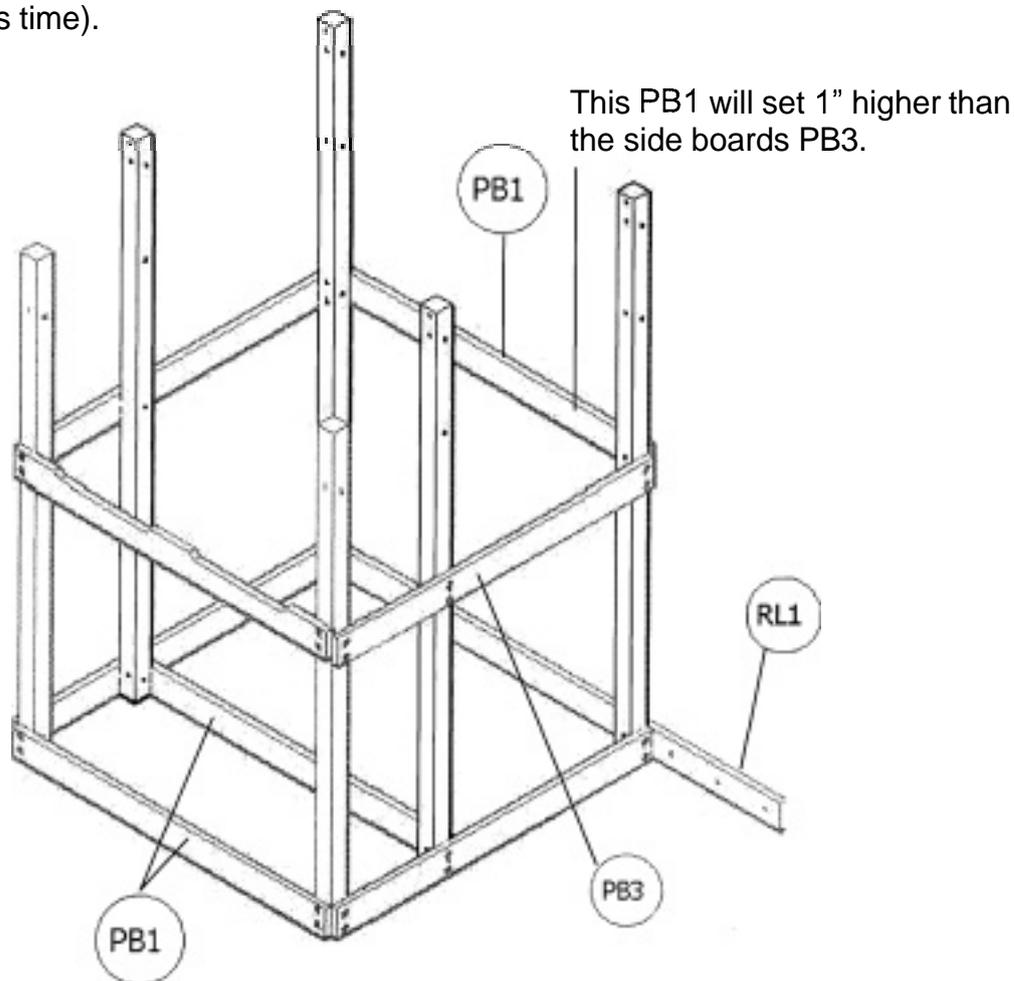
## Step#2(cont.): Front panel boards

Attach the PB3 board to the front of the unit with 5/16" X 4 1/2" hex bolts and 5/16" washers through the top hole of the PB3 board, through the holes at 54 1/2", and into the previously installed T-nuts. (Note: the bottom holes of the sandbox board will not be used at this time).



## Step#2(cont.): Top panel boards

- Attach the PB1 sandbox boards to the front corner post with 5/16" X 4 1/2" hex bolts and 5/16" washers through the top hole of the sandbox board, through the holes at 4 1/2", and into the previously installed T-nuts. (Note: the bottom holes of the sandbox board will not be used at this time).
- Attach the PB1 sandbox board to the middle corner post with 5/16" X 4 1/2" hex bolts and 5/16" washers through the top hole of the sandbox board, through the holes at 4 1/2", and into the previously installed T-nuts. (Note: The bottom holes of the sandbox board will not be used at this time).

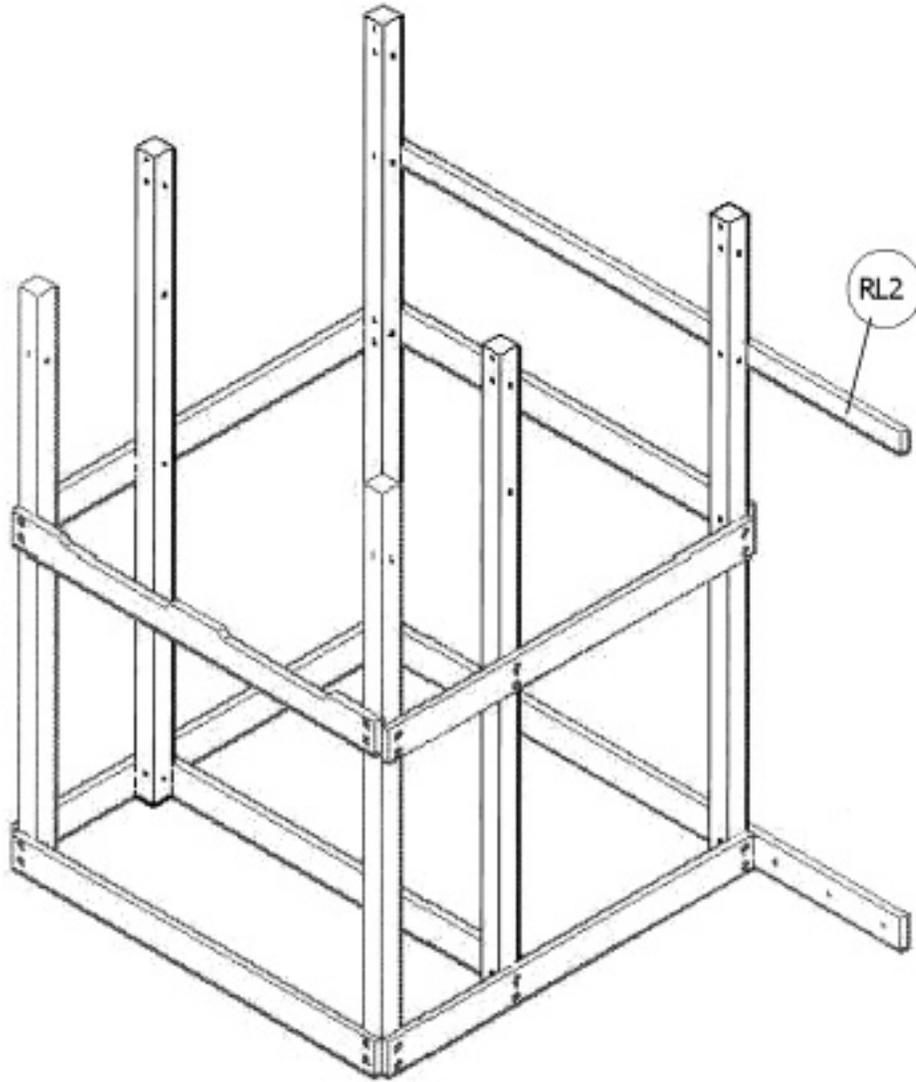


Attach the PB1 back panel board to the back corner post with 5/16" X 4 1/2" hex bolts and 5/16" washers through the top hole of the back panel board, through the holes at 58", and into the previously installed T-nuts (Note: The bottom holes of the sandbox board will not be used at this time). The PB1 will set 1" higher than the side boards, as noted.

- Attach the RL1 rope ladder runner to the back corner post with 5/16" X 4 1/2" hex bolts and 5/16" washers through the top hole of the rope ladder runner board, through the holes at 4 1/2", and into the previously installed T-nuts. (Note: The bottom holes of the sandbox board will not be used at this time).

## Step #2(cont.): Top panel boards

- Attach the RL2 rope ladder support to the back corner posts with 5/16" X 4 1/2" hex bolts and 5/16" washers through the holes at 85 1/2", and into the previously installed T-nuts with the counterbore offset holes upward.



Find the PB6 2" X 4" X 70" right side top panel board.



PB6

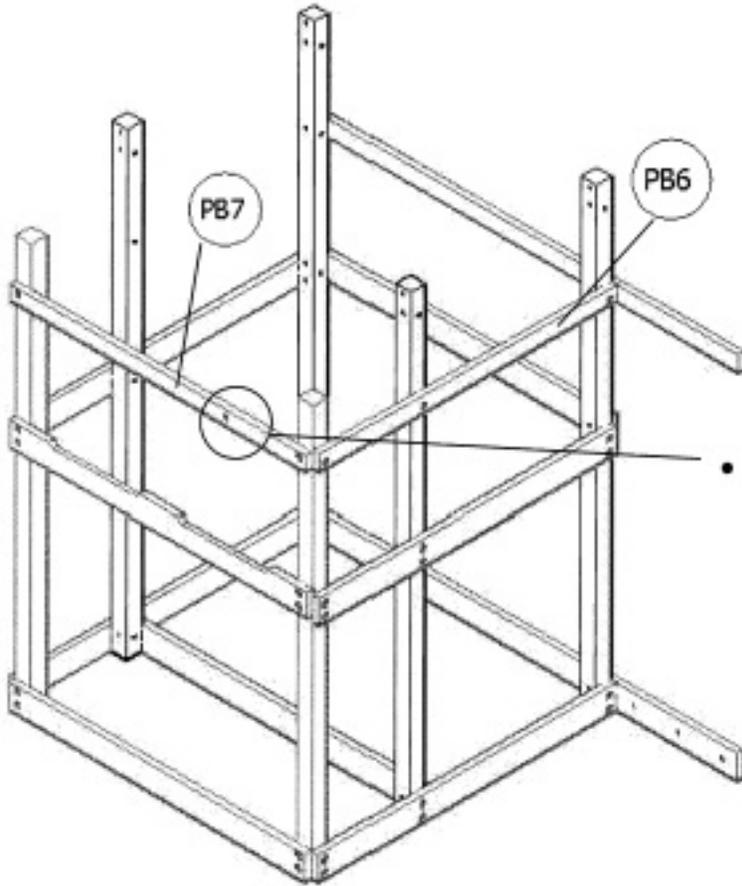
Find the PB7 2" X 4" X 70" front top panel board.



PB7

## Step #2(cont.): Top panel boards

Attach the PB7 front panel to the front corner posts with 5/16" X 4 1/2" hex bolts and 5/16" washers through the holes at 85 1/2", and into the previously installed T-nuts.



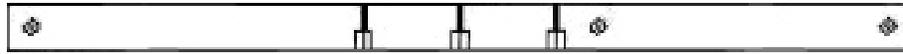
Attach the PB6 right panel board to the right corner posts with 5/16" X 4 1/2" hex bolts and 5/16" washers through the holes at 84 1/2", and into the previously installed T-nuts.

- Note the orientation of the rope hole. The rope hole will be to the right of the fort viewed from the front.

## Step #2(cont.): Top panel boards

Find the SB1 4X4X70" swing beam mount

(Note the orientation, the part is viewed in installed position from the left side of the fort)

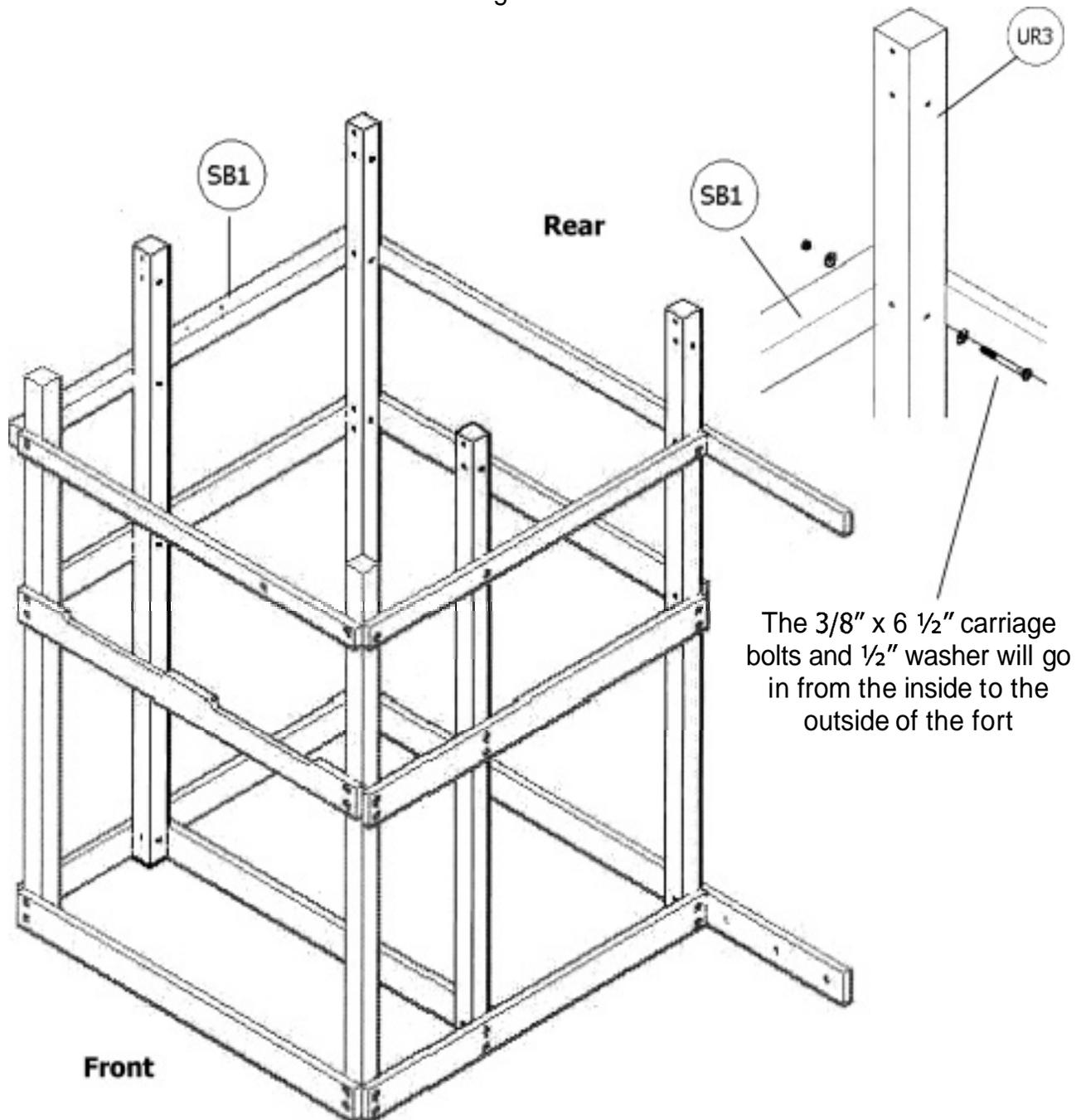


SB1

This end to the rear of the unit

This end to the front of the unit

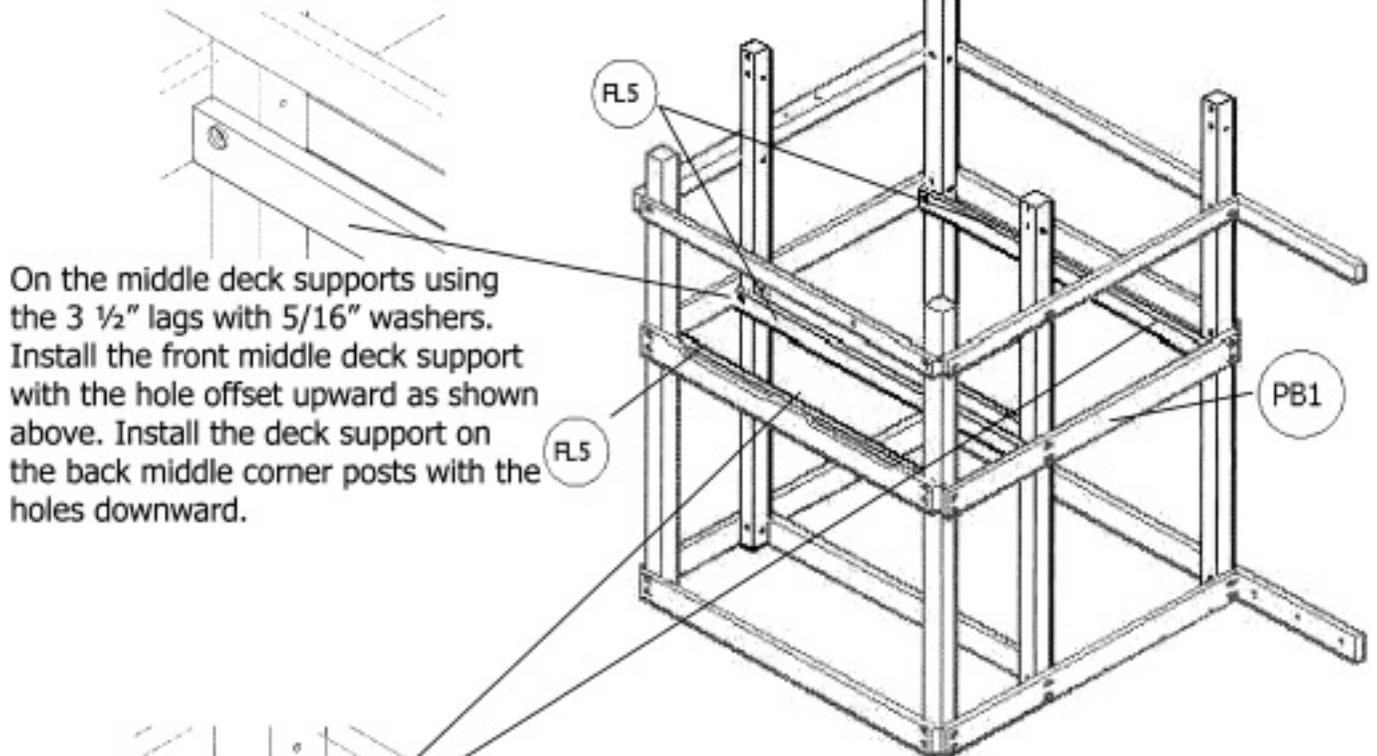
- Attach the SB1 swing beam mount to the left corner posts with 3/8" x 6 1/2" carriage bolts and 1/2" washers through the holes at 84 1/2" tighten the 3/8" lock nuts and 3/8" washers. The bolt goes in the corner post from the inside of the fort. The lock nut will be in the counterbore of the SB1. Ensure when mounting the three evenly spaced counterbores in the middle of the 4" x 4" x 70" are facing down.



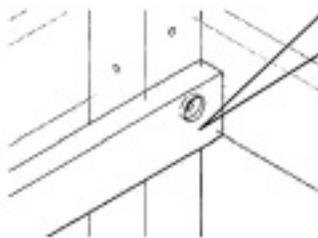
## Step #3(cont) The deck

Find the 4 FL5 2" x 4" x 70" deck supports

(Note the orientation, the part is viewed in installed position from the front of the fort)

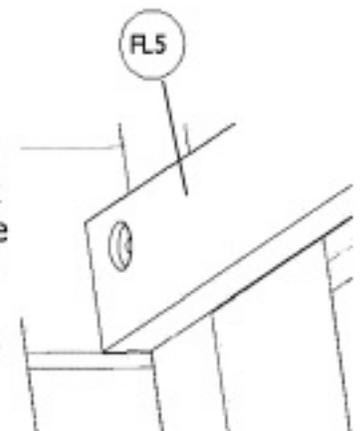


On the middle deck supports using the 3 1/2" lags with 5/16" washers. Install the front middle deck support with the hole offset upward as shown above. Install the deck support on the back middle corner posts with the holes downward.



Install the front and rear deck support with the hole offset upward, as shown above 4 1/2" bolts with 5/16" washers through the 2" x 4" x 70" into the already installed T-nuts

To ensure the installation is correct, all of the FL5s deck supports will be flush on the bottom to the PB1s. Shown in the picture to the right. Use 3 1/2" lags to attach the boards to the unit.



Refer to the leveling and squaring portion of the instructions in the front of the manual. Level and square the playset, install the 3-1/2 x 5/16" lags and washers after the level is complete. To this point we have installed bolts and washers into the holes with T-nuts, at the completion of this part of the instructions, all boards with empty holes that we installed the bolts to the T-nuts will have lags and washers installed.

### Step #3(cont) The deck

Find 11 FL1 5/4 x 6" x 69 7/8" deck boards



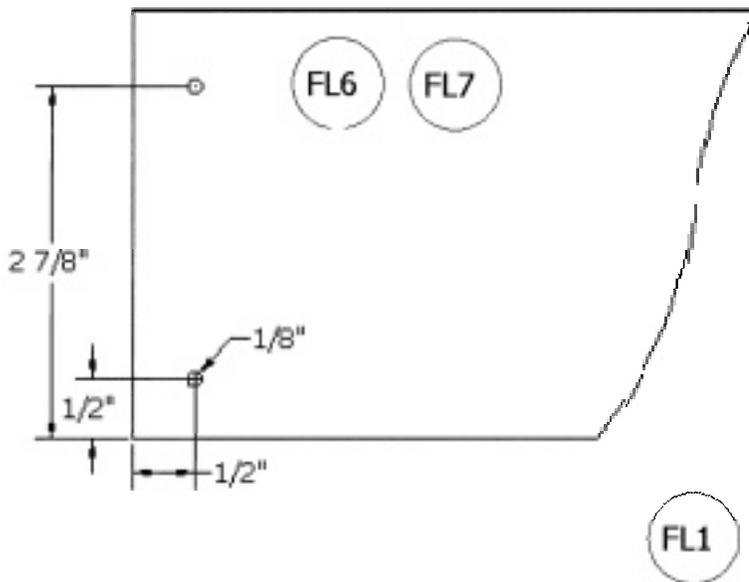
Find 2 FL2 5/4 x 3 1/2" x 18 3/4" deck boards



Find 2 FL6 1" x 3" x 40 1/4" deck boards

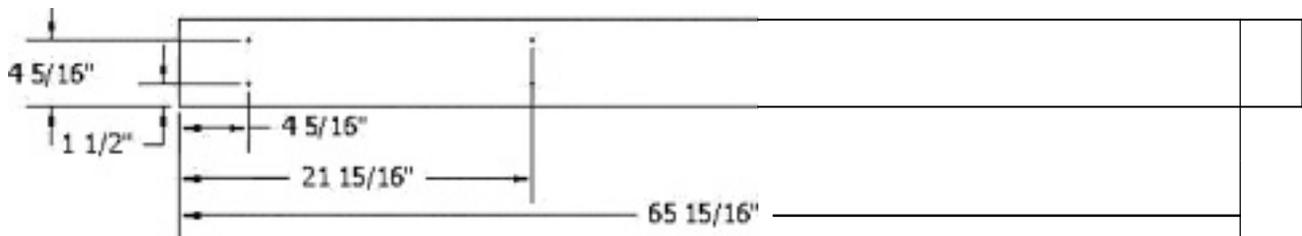


The deck boards will need to be predrilled on the ends to prevent splitting. Using your 1/8" drill bit, drill the holes to the specified dimensions below.



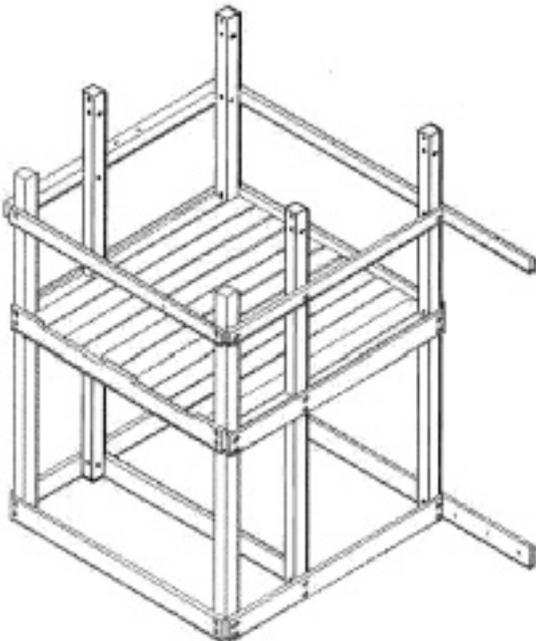
The picture to the left is a section view of the end of the FL6 and FL7 boards. Predrill both ends of the board with the dimensions shown before installation on the unit.

The picture below is a view of the FL1 board. Predrill at the locations shown before installation on the unit.



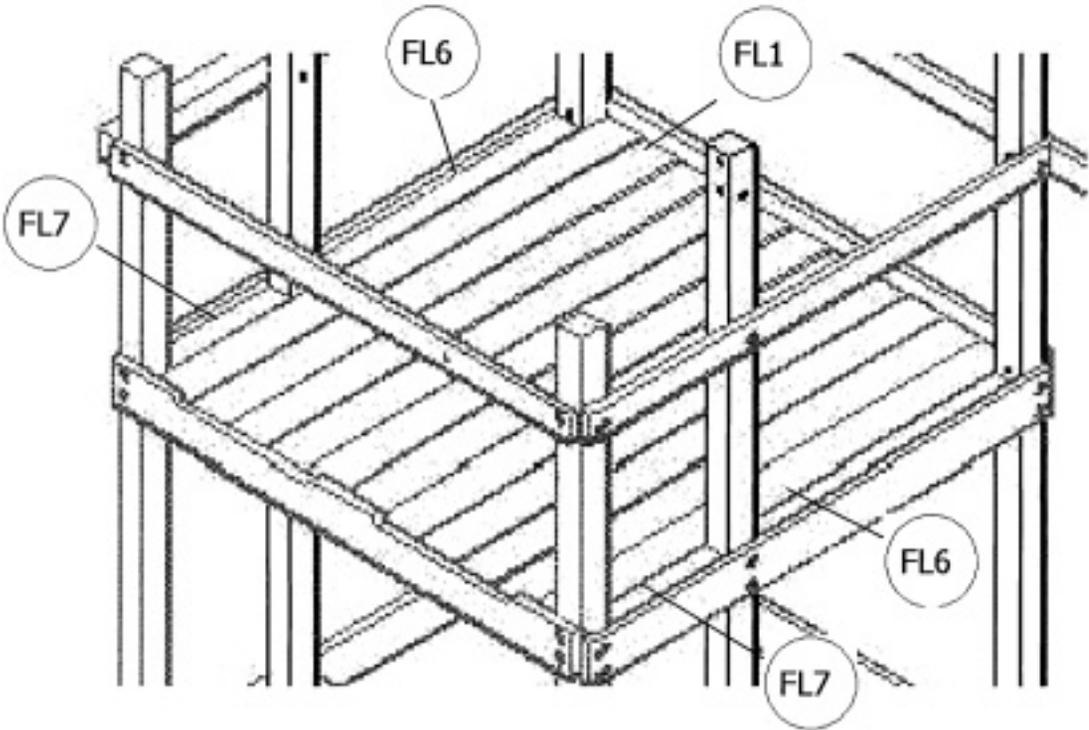
Once all the boards are drilled, place them on the unit as shown. You will want to evenly space the deck boards before permanently attaching them with the wood screws and square bit provided.

**Step #3:(cont) The deck**



The overview picture to the left shows the finished step.

Below, the larger picture shows the placement of the boards on the unit. Once you have them evenly spaced use the 2" deck screws to secure the deck boards to the unit.



## Step #4: Rock wall assembly

Find 11 5/4 X 6 X 23 7/8" (No holes) Rock wall slats



Two 2 X 2 Green Angle Brackets

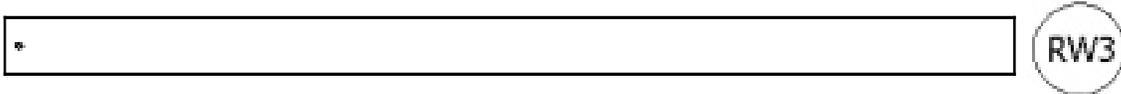
Find 1 5/4 X 6 X 23 7/8" (One hole) Rock Wall Slats



Find 1 5/4 X 3 X 23 7/8" Rock Wall Top Board



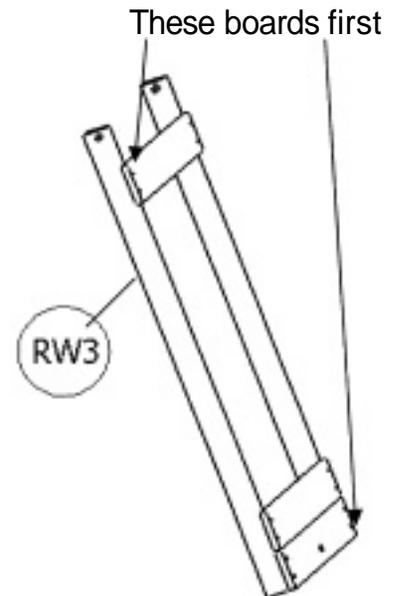
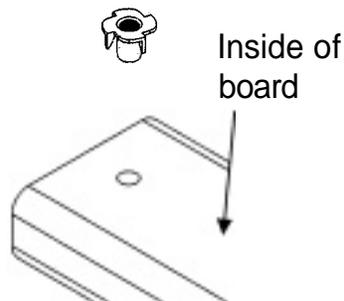
Find 2 2" x 4" x 66" Rock Wall Sides



Insert T-nuts into what will be the inside of the support (either side) as shown below.

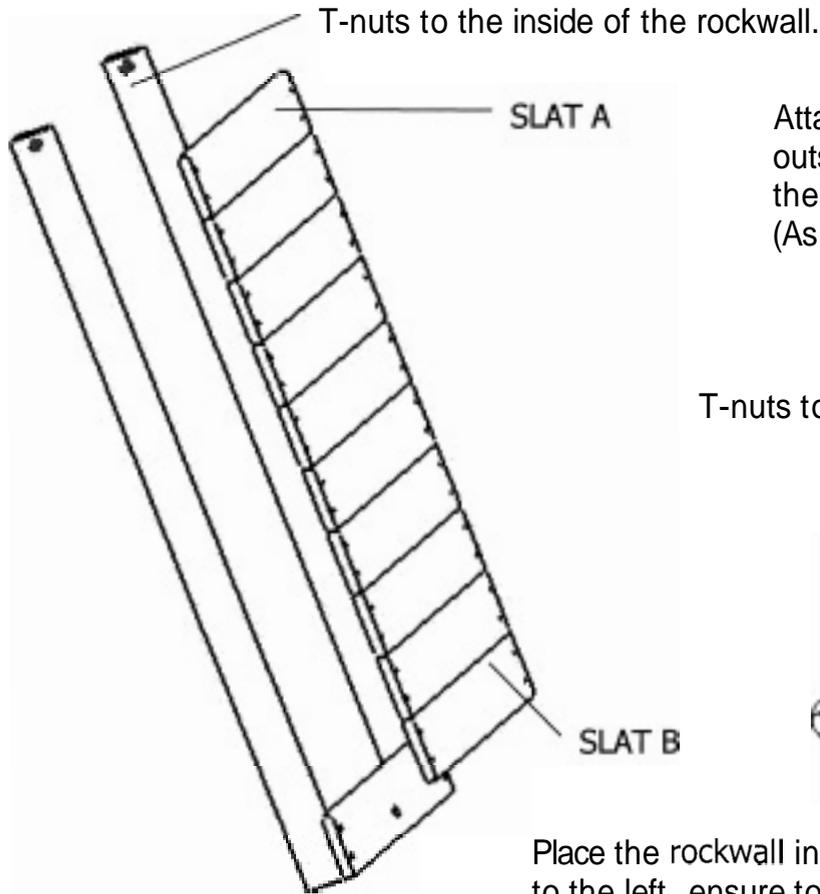
Place one rock all slat on the rock wall sides 5 1/2" from the end with the mounting holes. Attach with one 2" wood screw on each side of the slat. Attach the bottom rock wall slat to the other end of the rock wall sides. Make sure the wall is square.

Insert T-nuts to the inside of the support as shown.



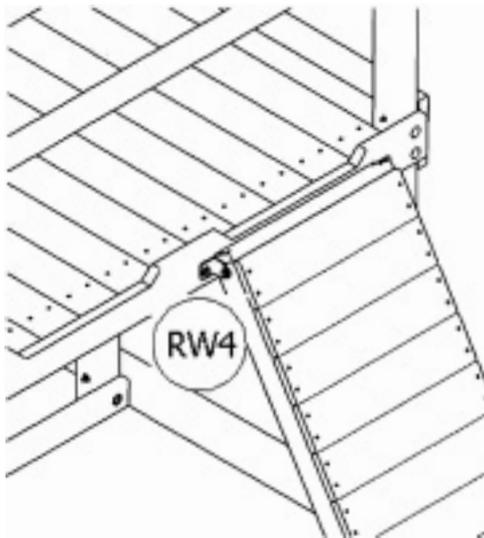
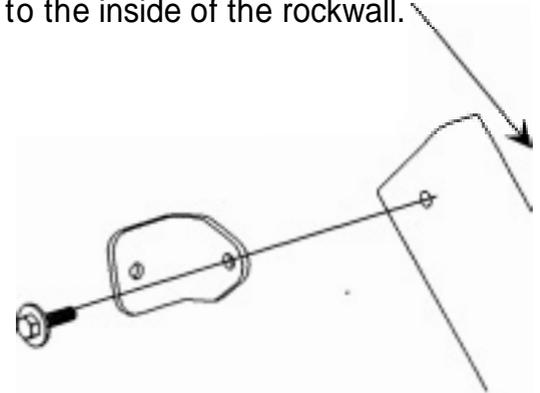
## Step #4: Rock Wall Assembly

Attach nine rockwall slats between slat A and Slat B starting from the bottom with two 2" wood screws per side.



Attach the angle brackets to the outside of the rockwall boards using the 5/16" x 1 1/4" bolt into the T-nut (As shown below)

T-nuts to the inside of the rockwall.



Place the rockwall into position on the fort as shown to the left, ensure to have at least 2" from the bottom of the face board to the bottom of the bracket. Using the rock wall brackets as a template drill a 3/8" hole through the front face board. Ensure the holes are low enough to insert a T-nut on the backside without the 2" x 4" deck support behind it causing interference.

From the underside of the platform insert a T-nut into the backside of the 3/8" holes on the front face board.

Attach the rock wall with 5/16" x 1 1/4" bolts and 5/16" washers.

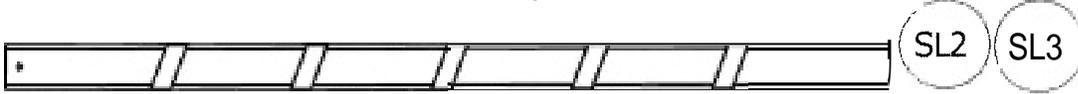
Using the last RW1 5/4 x 6 x 23 7/8" Rockwall slat.

Install this rock wall slat on top of the already installed slats with two 2" wood screws per side.

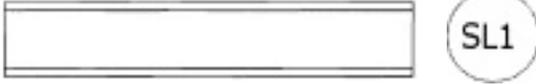
Using the RW4 2" x 3" x 23 7/8" rock wall top board with the 2 2" wood screws.

## Step #5: Step ladder

Find the SL2 and SL3 2" x 4" x 66" right and left hand ladder sides



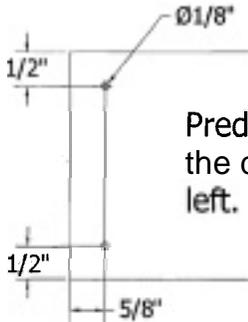
5 SL1 2" x 4" x 17" Ladder steps



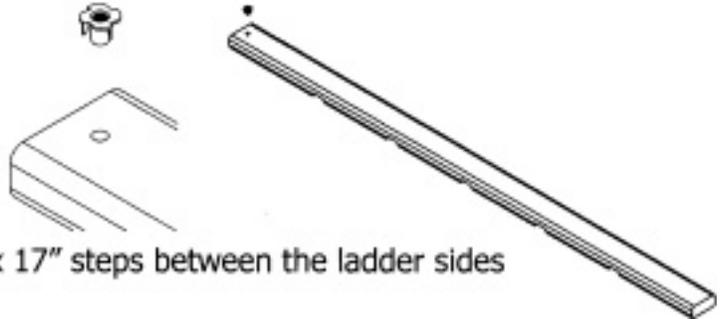
5 SL4 2 x 3 x 18 3/4" Ladder safety board



Place the ladder sides on the ground with the groove sides down. Insert a T-nut into the hole at the top of the ladder side. Repeat for the other ladder side. (As shown below)



Pre-drill the SL4 to the diagrams to the left.

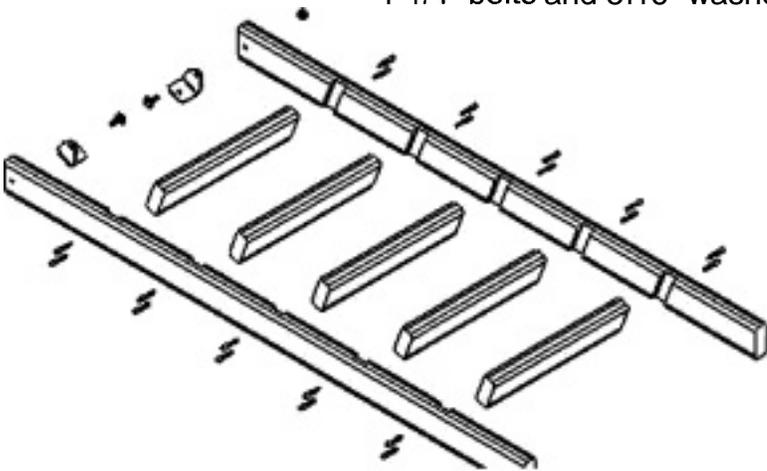


Place the 5 2" x 4" x 17" steps between the ladder sides as shown below.

Assemble with 2 2 1/2" wood screws into each end of every step.

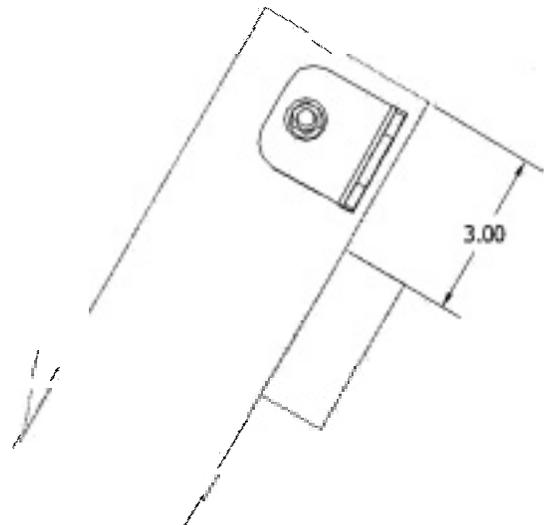
Attach the green angle brackets to the ladder with 5/16" x 1 1/4" bolts and 5/16" washers and T-nuts.

Place the ladder into position on the fort (As shown to the left). Using the step ladder brackets as a template, drill 3/8" holes into the 2" x 6" left side, bottom panel board. From the underside of the platform insert a T-nut into the backside of the 2" x 6". Attach the step ladder with the 5/16 x 1 1/4" bolts and 5/16" washers to the T-nuts.



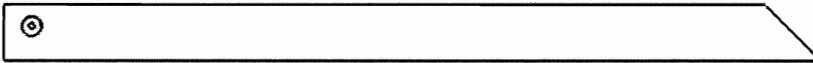
SL4

Mount the SL4 2" x 4" x 17" Ladder safety board with 2" wood screws 3" down from the top of the ladder

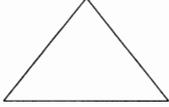


## Step #6 Roof assembly supports

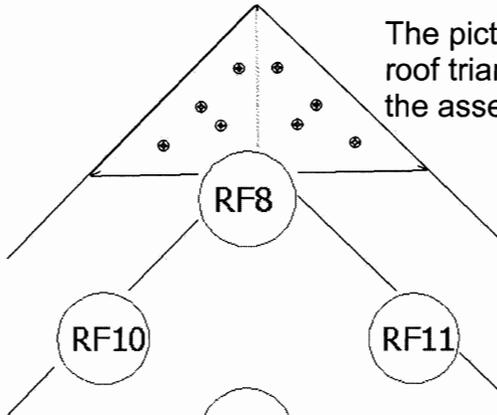
Find 4 2" x 4" x 51" roof supports (two right and two left)



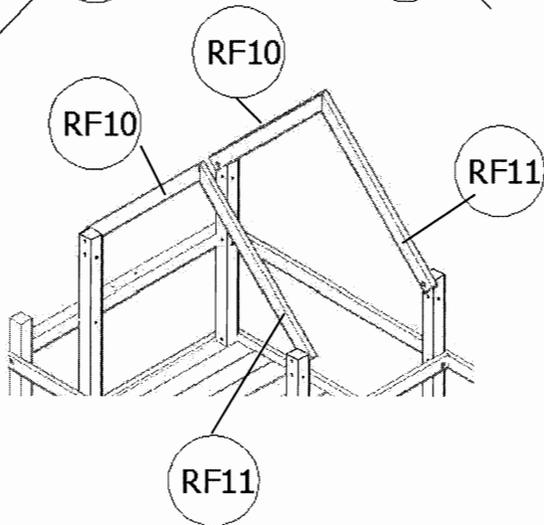
Find 2 5/4 x 10" triangles



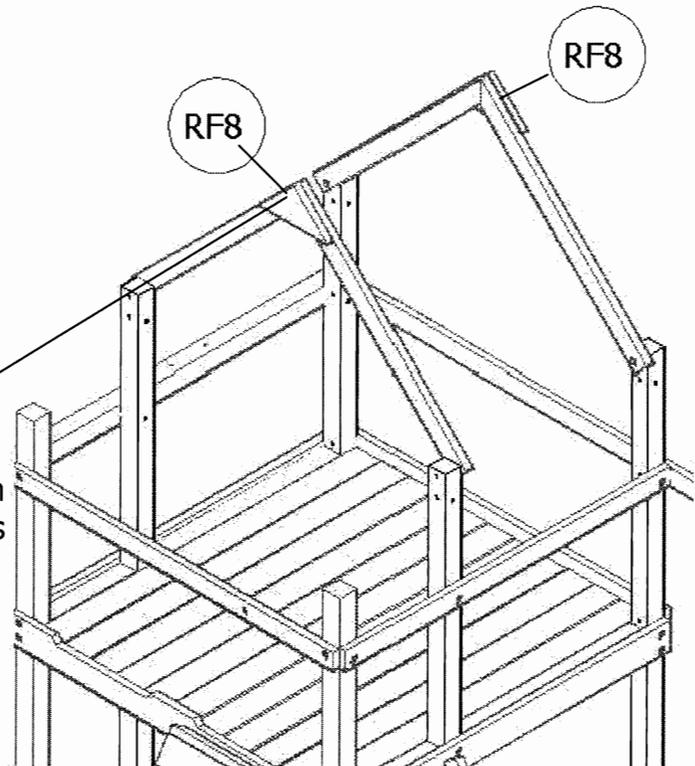
Drill pilot holes in the triangle to a pattern that matches the 2 x 4 x 51" supports



The picture shows a pattern with the 2" x 4" x 51" under the roof triangle. The 2" x 4" parts have been lightened to show the assembly



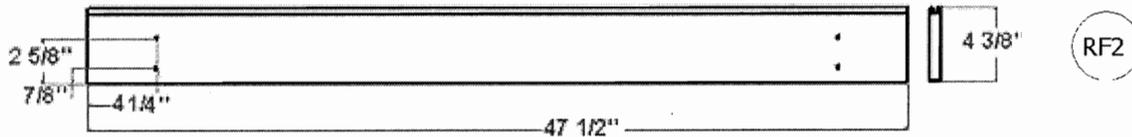
Attach a roof support to the inside of the rear corner post with 5/16" x 4 1/2" hex bolts and washers into the T-nuts installed earlier. Attach the other roof support to the inside middle corner post with 5/16" x 4 1/2" hex bolts and washers into the T-nuts installed earlier. Meet the angles of the roof supports and attach the triangles with 2" screws.



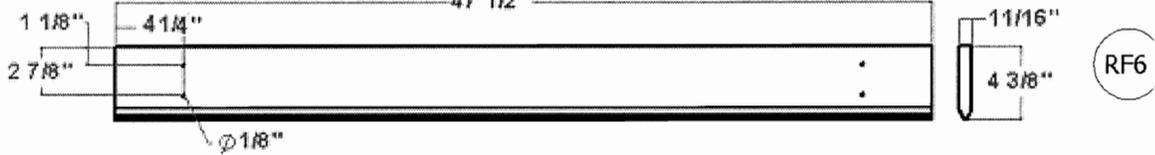
Ensure the triangle plates are both facing the outside of the unit as shown.

## Step #6(cont) Roof assembly supports

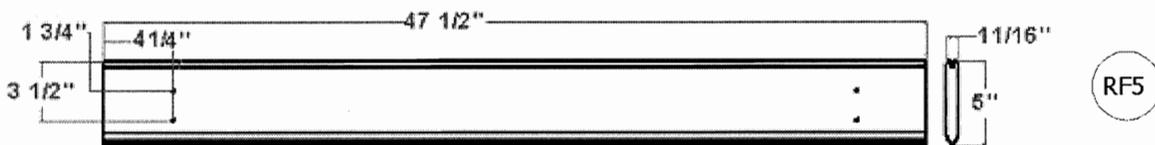
2 RF2 roof starters



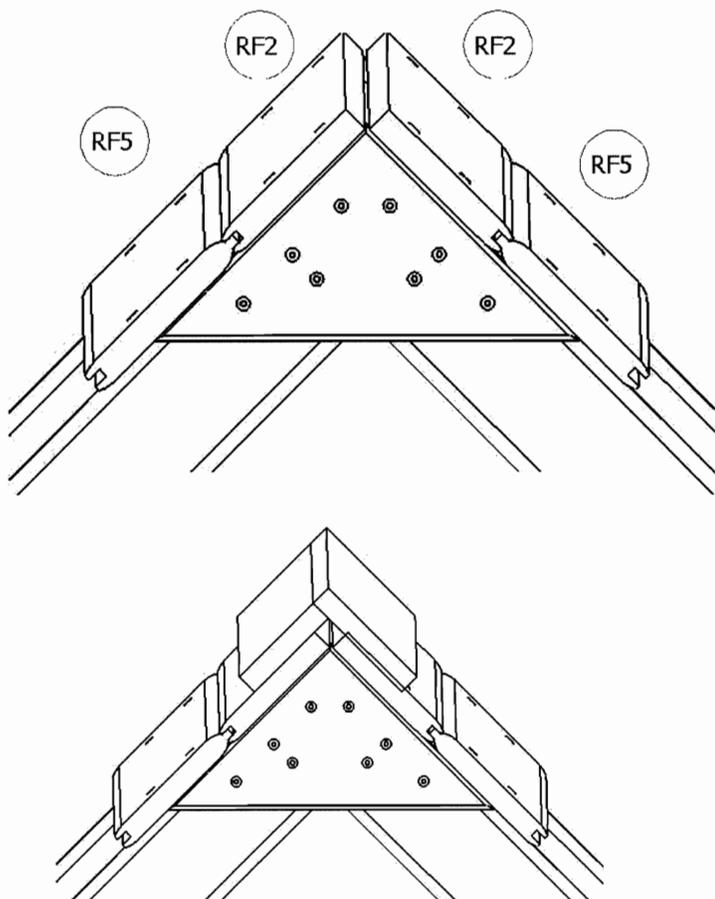
2 RF6 roof finishers



18 RF5 roof boards

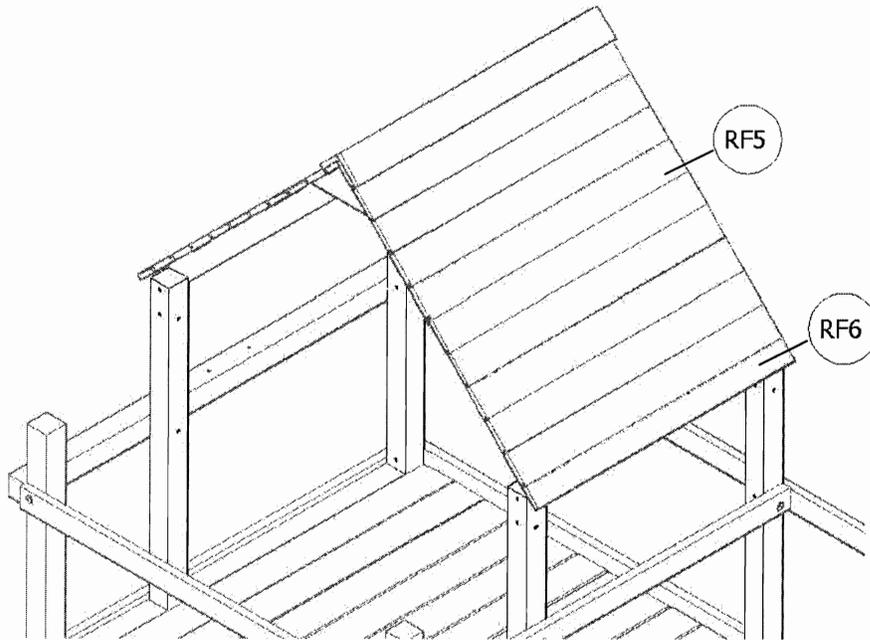


Find the tongue and groove parts below and drill 1/8" pilot holes to the dimensions shown.



Install a roof starter at the top of each roof support. The groove of the starter should face downward and the tops of the two should meet at the peak of the supports. Measure 3 1/2" from the face of the starter board RF2 and the face of the RF8. This will leave a roof overhang of 3 1/2". Secure the starters to the supports with 1 1/2" screws through the pilot holes. Install a roof board below the starters with the tongue inserted into the groove. Note: All roof boards should have 3 1/2" overhang past the roof supports.

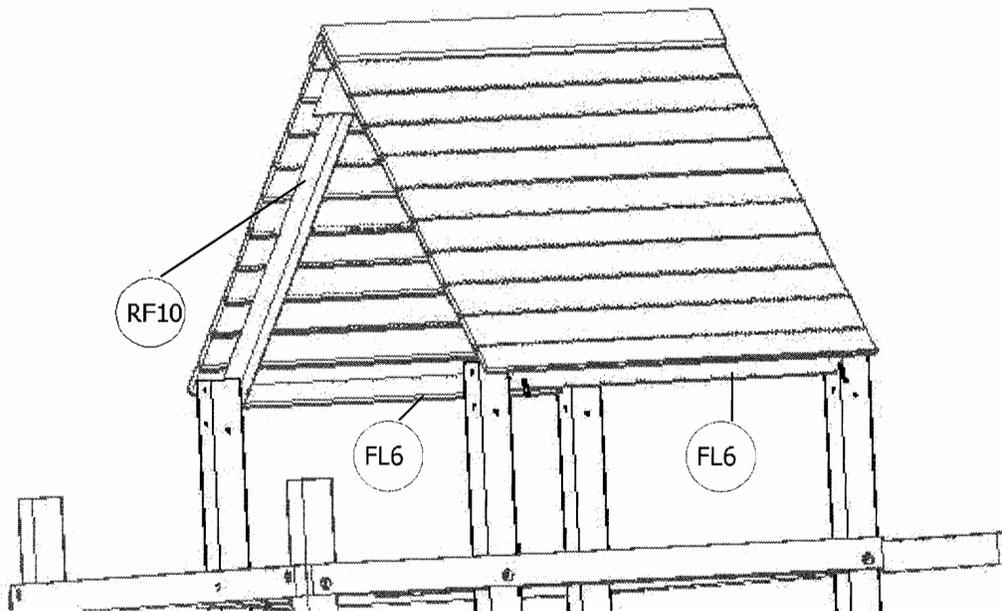
Find the 47 1/2" roof peak and the roof peak. Drill pilot holes in the peak to the same dimensions as the roof boards. Attach the roof peaks on top of the two roof starters and secure them with 2 1/2" wood screws through the pilot holes.



Continue to install the roof boards by inserting the tongue into the groove of the previous board until there are nine roof boards per side (Not counting the roof starters)

Install the roof finishers below the last roof boards. The finishers will overhang the bottom of the roof supports approximately 2"

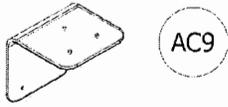
Find the 2 FL6 OF 1X3X40.25" Spacer



Using the ends of the roof supports as a template drill in the center of the FL6 and RF11 and fasten with a 2" wood screw on both sides of the fort.

## **Step 7 Roof top supports**

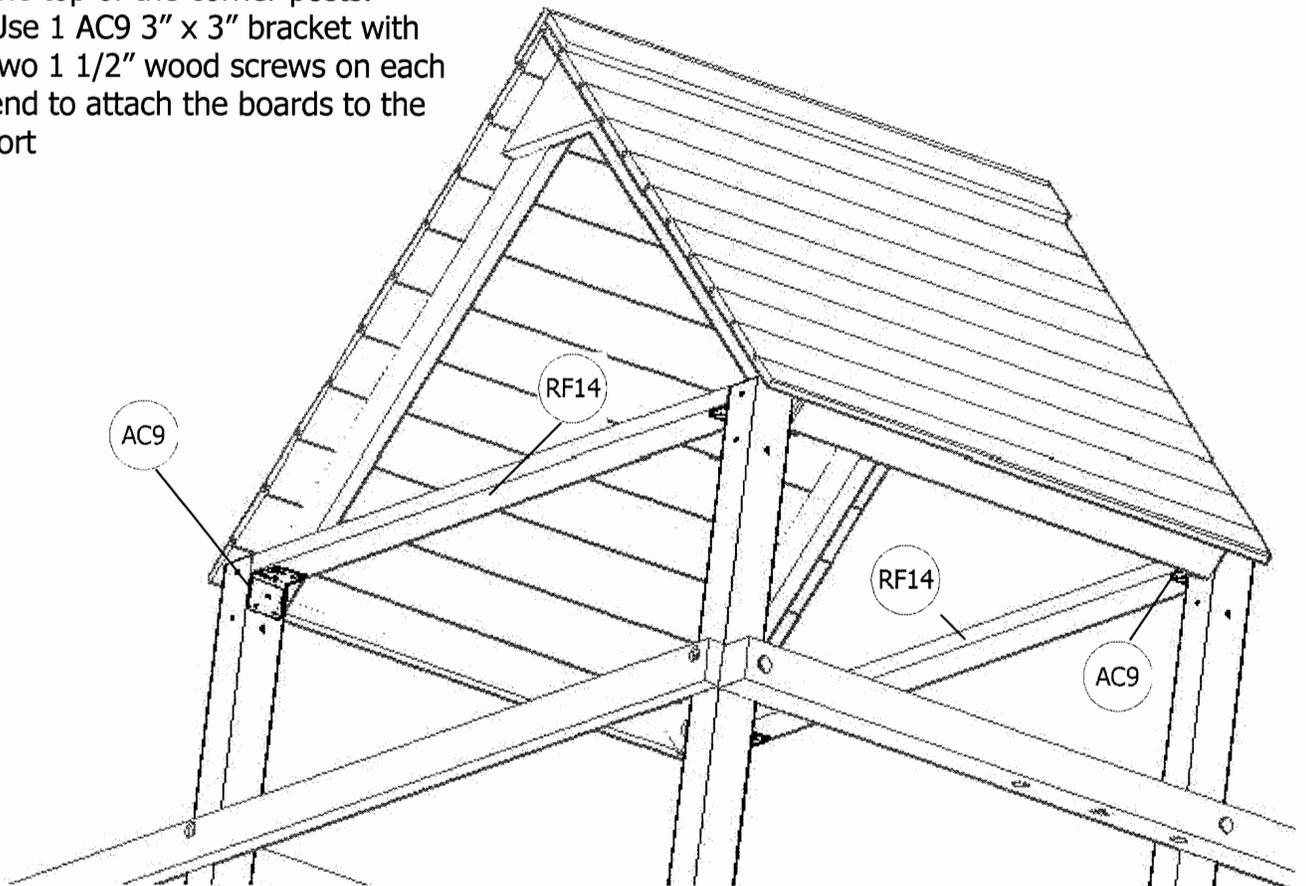
Find AC9 4 OF 3" x 3" Brackets



Find RF14. 2 OF 2X4X62.875" Spacer



Install the RF14 with the top of the 2" x 4" x 62 7/8" flush with the top of the corner posts.  
Use 1 AC9 3" x 3" bracket with two 1 1/2" wood screws on each end to attach the boards to the fort

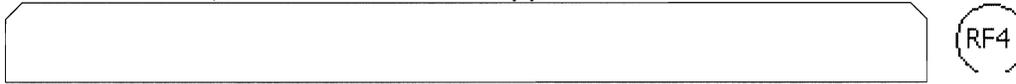


## Step 8 Sunray and Facia board assembly

RF13. 2 OF 5/4X6X49" Sun support



RF3. 2 OF 5/4X6X62.875" Sun support



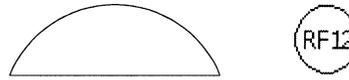
RF4. 2 OF 5/4X6X60" Sun support



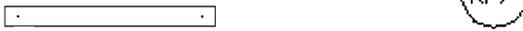
RF9. 12 OF 5/4X1.5X10"



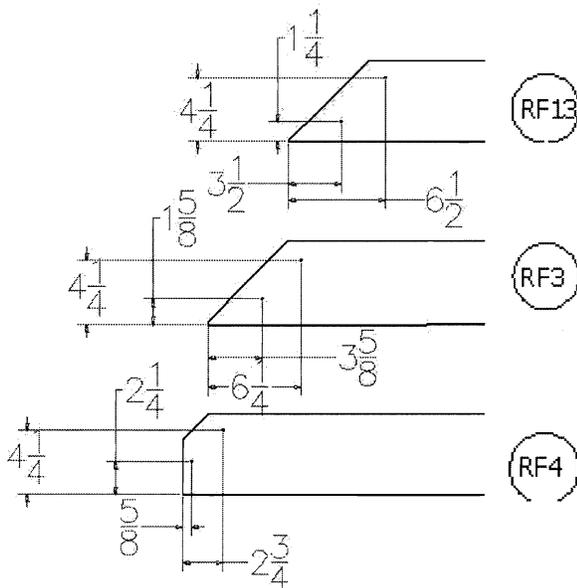
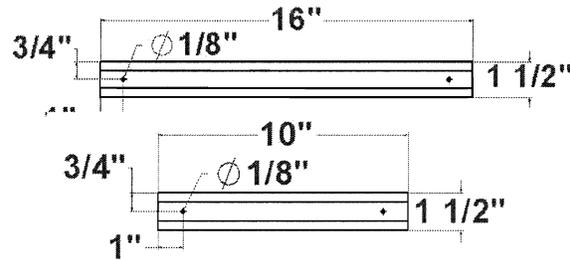
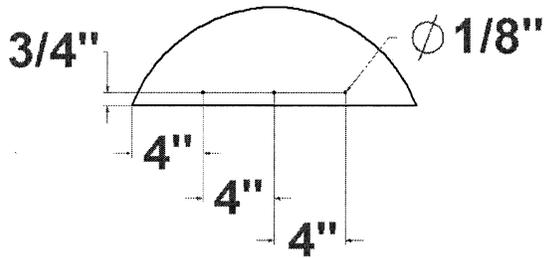
RF12. 2 OF 2X6X16" Moon



RF7. 2 OF 5/4X1.5X16" Large ray



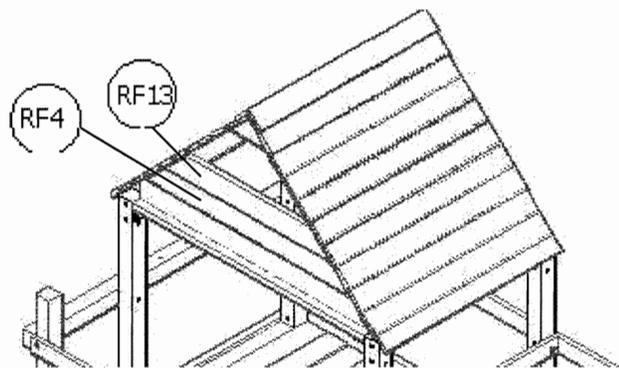
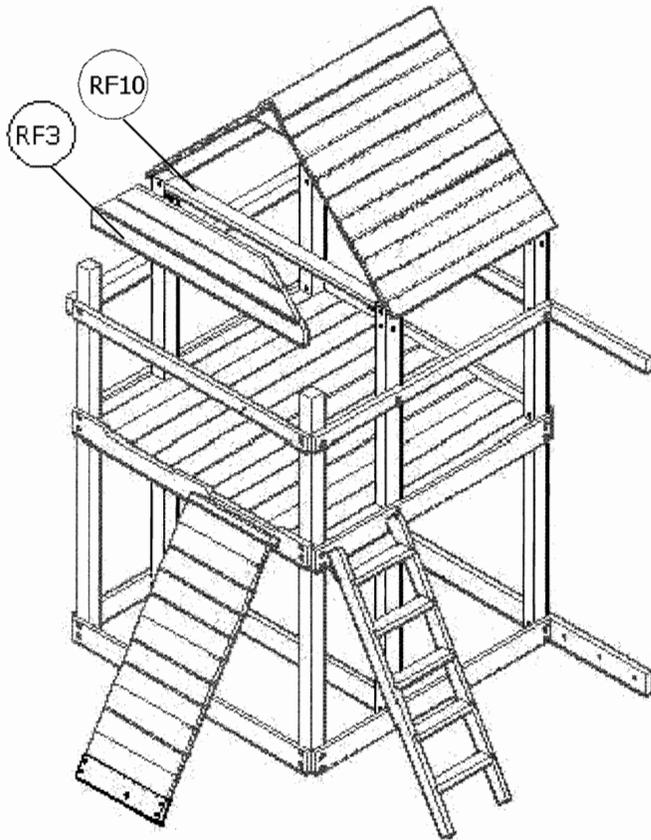
Drill holes at dimensions shown with a 1/8" drill bit



Predrill holes with a 1/8" drill bit shown to the left.

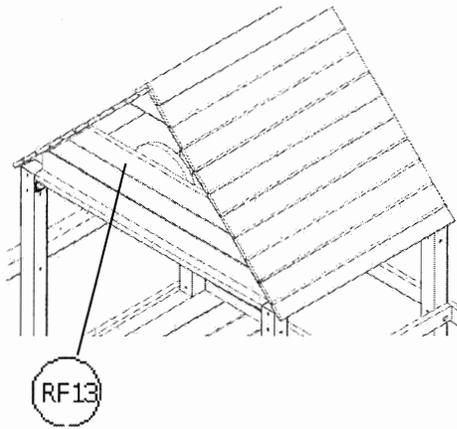
## Step 8 Sunray and Facia board assembly (cont)

Begin by putting RF3 flush against RF14 attach with 2" screws into RF10



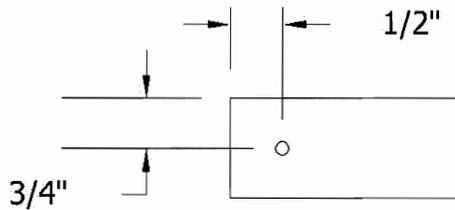
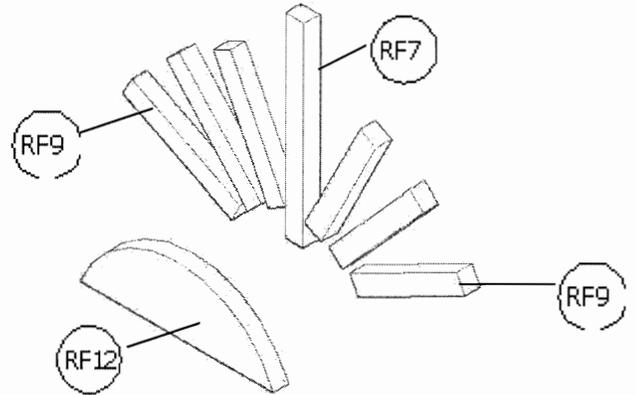
Followed by RF4 flush against RF3 and attach with 2" screws into RF10. Finish by RF13 flush against RF4 and attach with 2" screws into RF10.

## Step 8(cont) Sunray and Facia board assembly



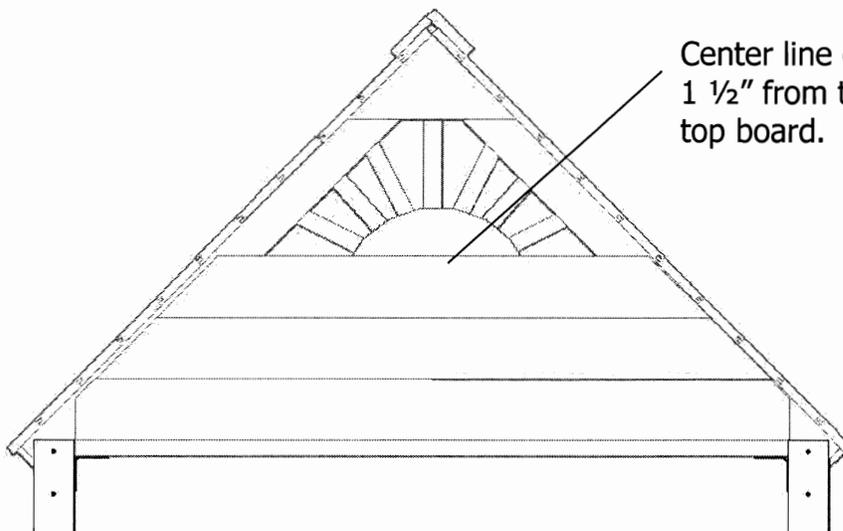
Attach RF12 through the predrilled holes to RF13 directly in the middle of RF13 with 2" screws.

This is an exploded view of the sunray before assembly.

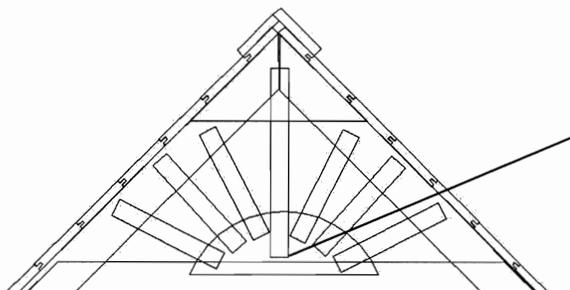


Using the 1/8" drill bit, predrill the RF9 and RF7 parts to the pattern above.

Start with RF7 and attach with 2" screws vertically in the roof peak and RF12. Continue with the RF9 parts attaching to the RF12 use the exploded view of the sunray before assembly for angles. The sunray should be space equally.



Repeat these steps to assemble the facia and sunray on the rear of the fort.



The view to the left shows the top board and the mounting of the half moon 1 1/2" from the top of the top.

## STEP 9 Finishing structure

Find 2 2"x6"x70" Panel board



PB1

Find 3 2"x4"x47.5" Top panel board



PB4

Find 1 2"x4"x25.5" Left front wall support



WS5

Find 1 2"x4"x25.5" Right front wall support



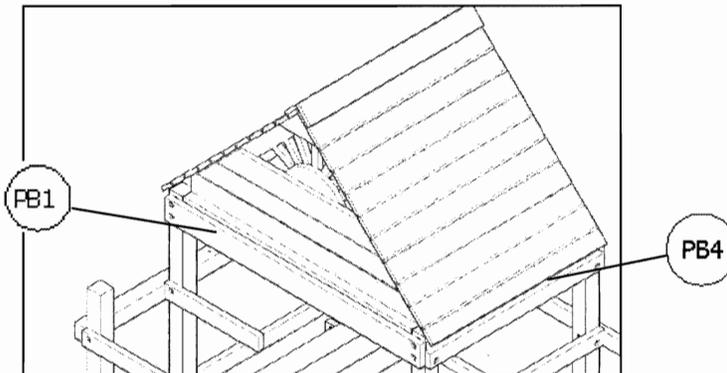
WS6

Find 1 2"x4"x 70" 3 hole



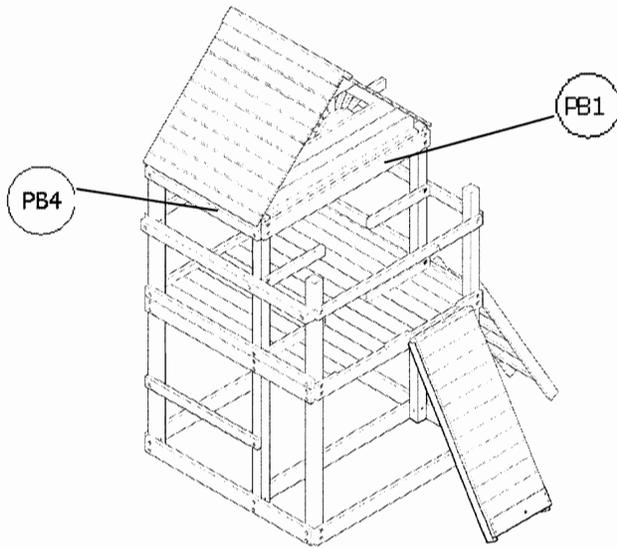
PB6

- Attach the PB1 sandbox board with counter bores upward to the back corner post with 5/16" X 4 1/2" hex bolts and 5/16" washers through the bottom hole of the sandbox board, through the holes at 103 1/4", and into the previously installed T-nuts. (Note: The top holes of the sandbox board will not be used at this time).

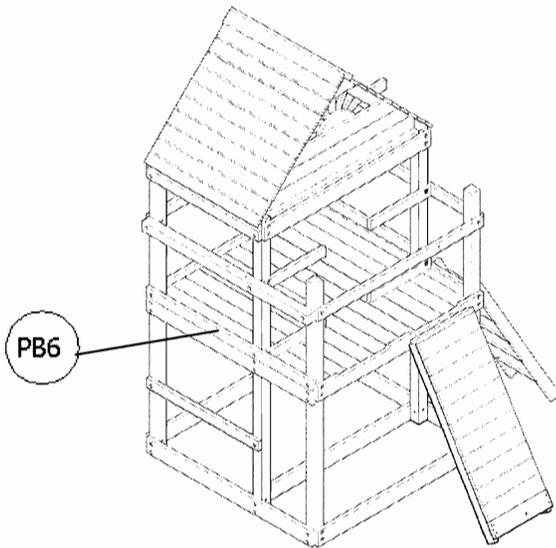


- Attach the PB1 sandbox board with counter bores upward to the middle corner post with 5/16" X 4 1/2" hex bolts and 5/16" washers through the bottom hole of the sandbox board, through the holes at 103 1/4", and into the previously installed T-nuts. (Note: The top holes of the sandbox board will not be used at this time).
- Attach the PB4 top panel board with counter bores downward to the right middle and back corner post with 5/16" X 4 1/2" hex bolts and 5/16" washers through the hole at 102 1/2", and into the previously installed T-nuts.

## STEP 9 (cont)

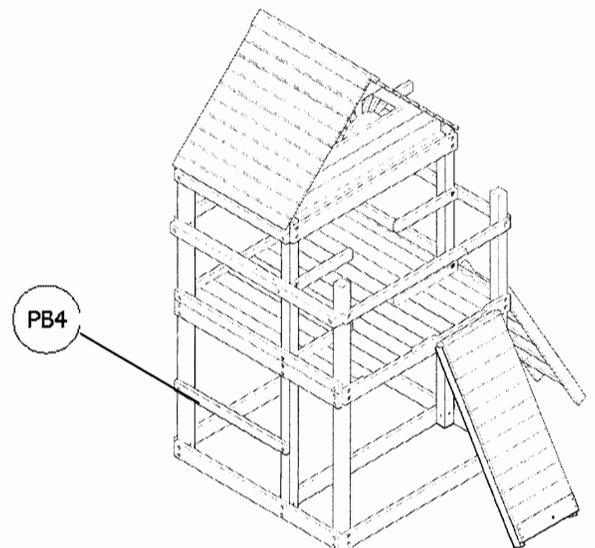


- Attach the PB4 top panel board to the left middle and back corner post with 5/16" X 4 1/2" hex bolts and 5/16" washers through the hole at 102 1/2", and into the previously installed T-nuts with holes offset upward.

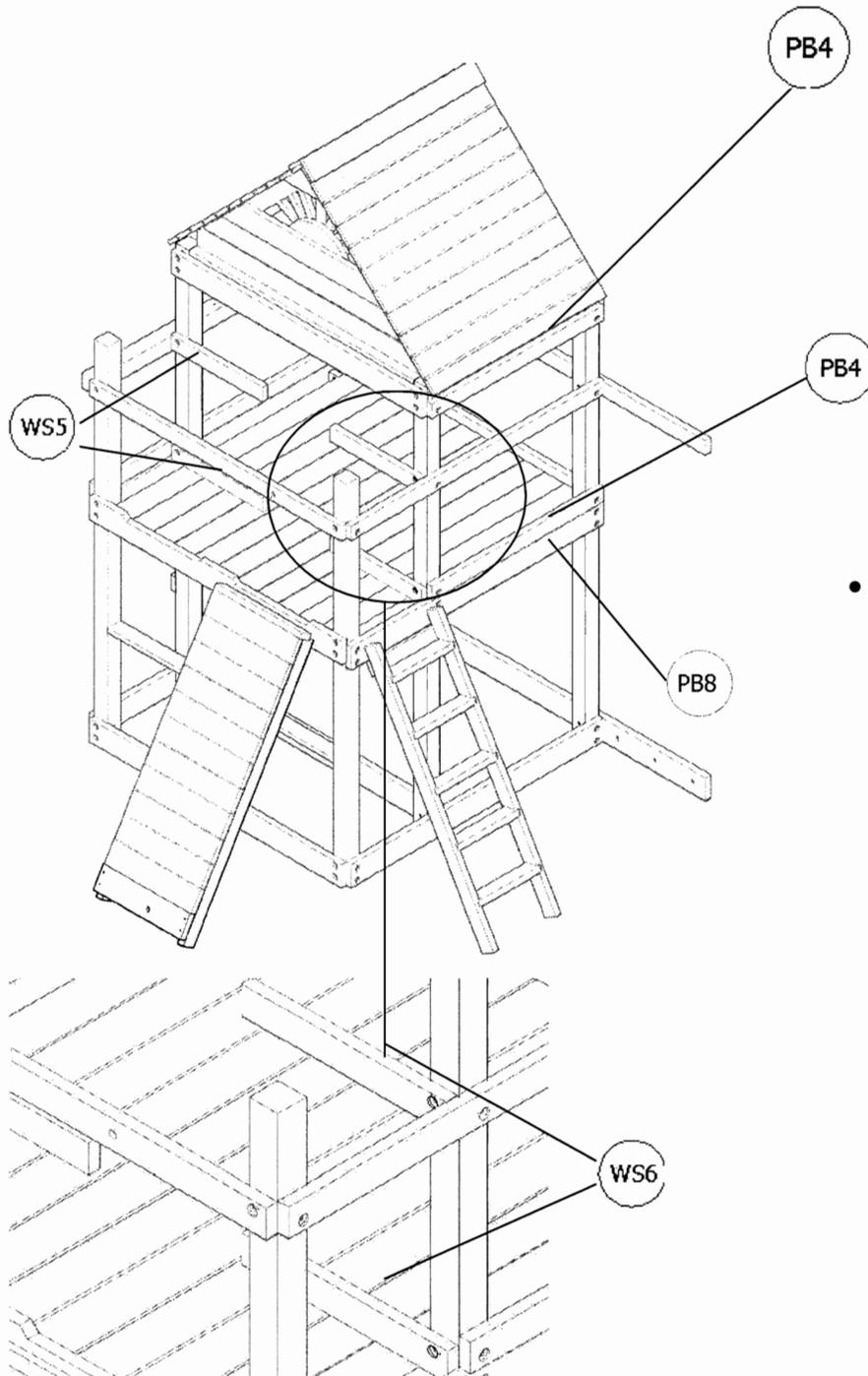


- Attach the PB6 2" x 4" x 70" 3 hole board to the left front, middle and back corner post with 5/16" X 4 1/2" hex bolts and 5/16" washers through the hole at 58", and into the previously installed T-nuts.

- Attach the PB4 2" x 4" x 47 1/2" board to the left middle and left rear corner post at 24" from the ground with 5/16" X 3 1/2" lag bolts and 5/16" washers.



## Step 9 (cont)



- Attach the PB4 top panel board with counter bores downward to the left middle and back corner post with 5/16" X 4 1/2" hex bolts and 5/16" washers through the hole at 102 1/2", and into the previously installed T-nuts.
- Attach the PB4 top panel board with counter bores downward to the left middle and back corner post with 5/16" X 3 1/2" lag bolts and 5/16" washers through the hole at 25".
- Attach the PB4 top panel board with counter bores downward to the right middle and back corner post with 5/16" X 3 1/2" lag bolts and 5/16" washers flush to the PB8 right sandbox board.
- Attach the WS5 left front wall support with counter bores upward to the left middle corner post with 5/16" x 3 1/2" lag bolts and 5/16" washers flush to the FL1 deck board and the second WS5 left front wall support with counter bores upward to the left middle corner post with 5/16" x 3 1/2" lag bolt and 5/16" washer at 85. 1/2".

- Attach the WS6 right front wall support with counter bores upward to the right middle corner post with 5/16" x 3 1/2" lag bolts and 5/16" washers flush to the FL1 deck board and the second WS6 left front wall support with counter bores upward to the left middle corner post with 5/16" x 3 1/2" lag bolt and 5/16" washer at 85. 1/2".

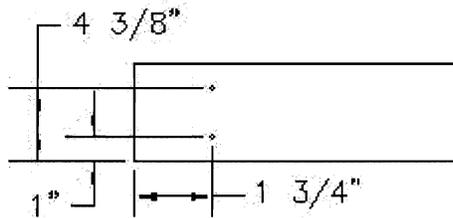
## Step 10 Walls and door

Find 24 1"x6"x47.5" Wall slats

Find 12 1"x6"x28.5" Wall slats

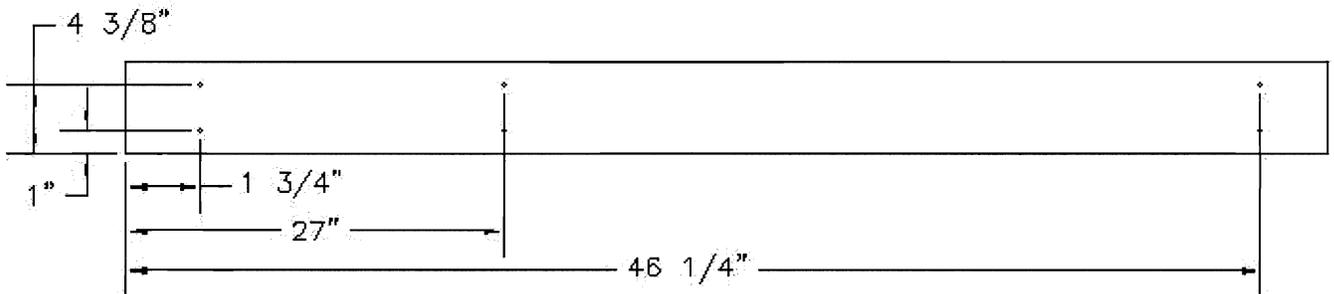
Find 2 2"x4"x18" Door support

The wallboards will need to be predrilled on the ends to prevent splitting. Using your 1/8" drill bit, drill the holes to the specified dimensions below.



The picture to the left is a section view of the end of the WS1 and WS4 boards. Predrill both ends of the board with the dimensions shown before installation on the unit.

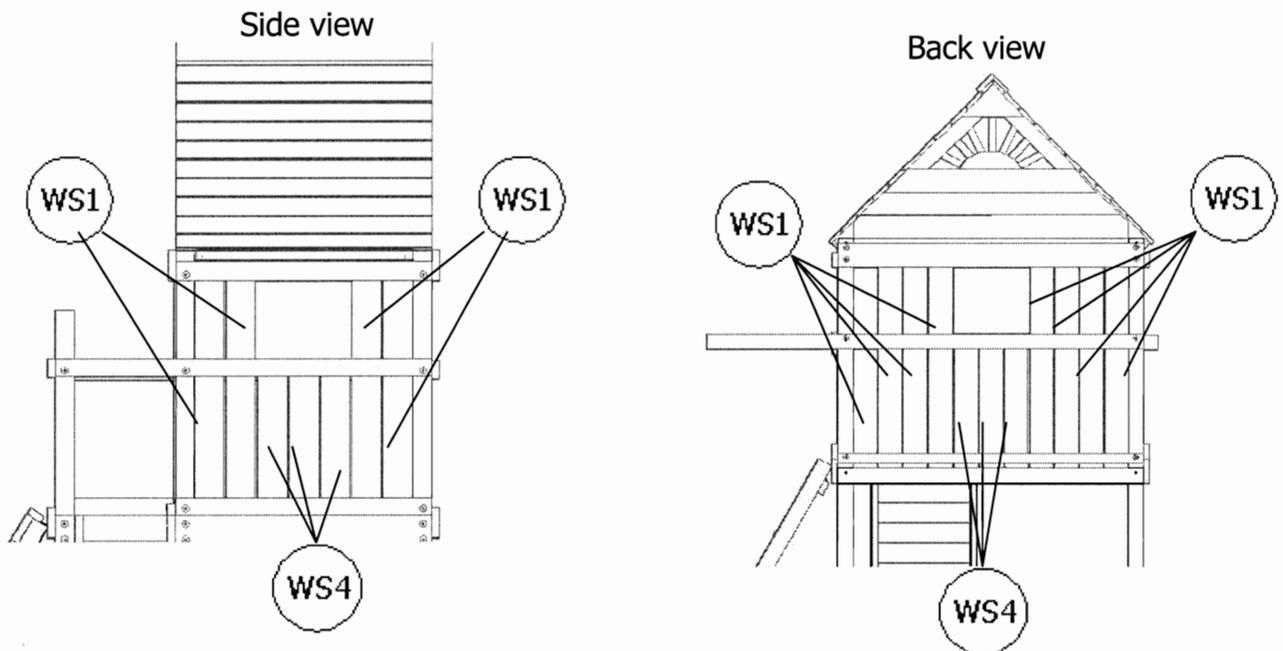
The picture below is a view of the WS4 board. Predrill at the locations shown before installation on the unit.



## Step 10(cont) Walls and door

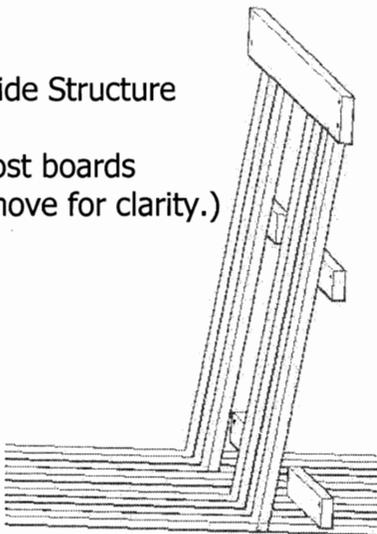
Once all the wallboards are drilled, place them on the unit as shown. You will want to evenly space the wall boards before permanently attaching them with the wood screws and square bit provided.

Attach the WS1 & WS4 wall slats as shown. NOTE: There should be approximately 1/8" gap between corner posts and slats when properly installed.



Inside Structure

(Most boards  
remove for clarity.)

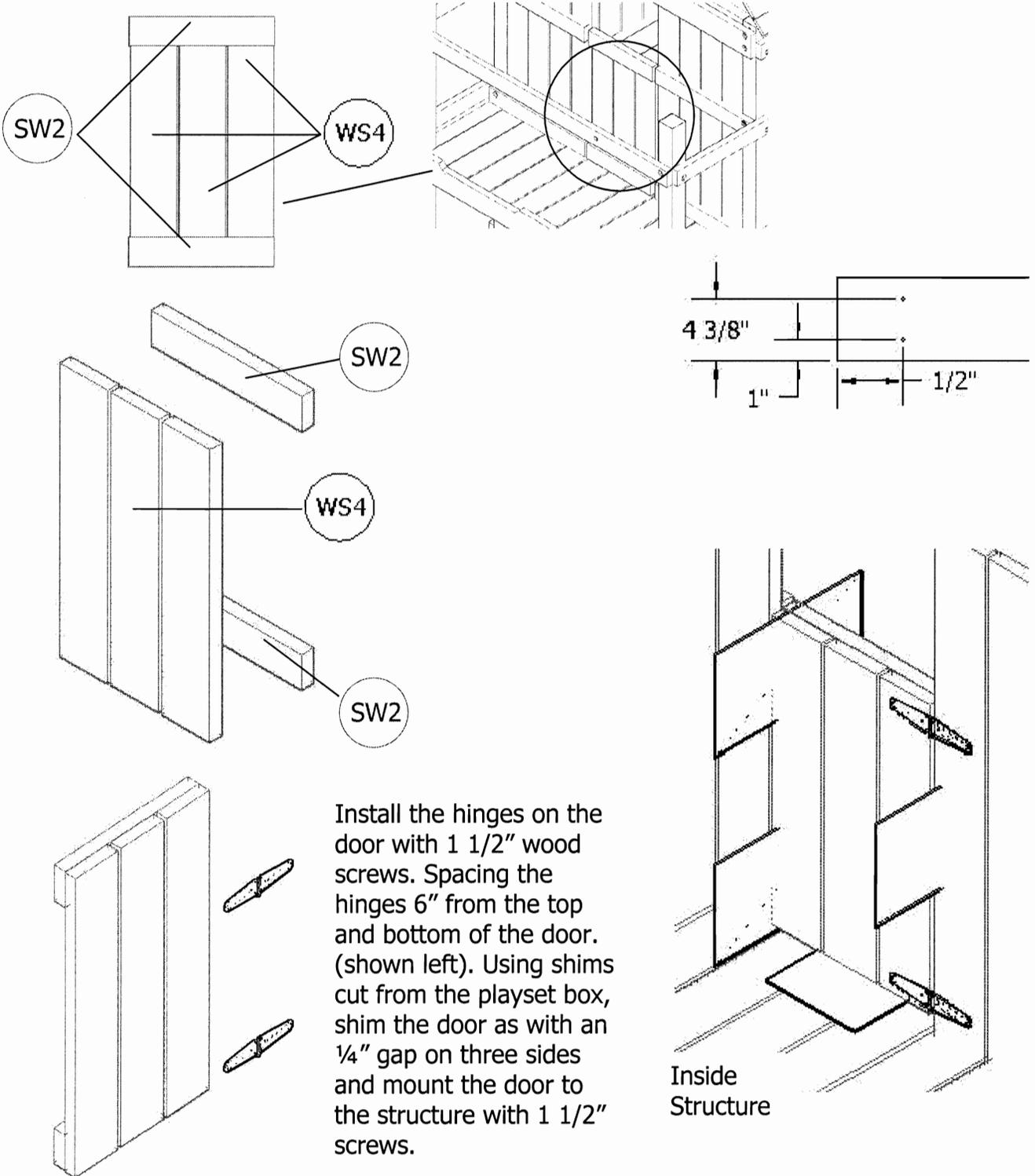


Lean the wall boards on the inside structure of the playset. Use this as a reference of placement. Space the boards evenly inside of the playset. Once the layout is complete attach the wall boards with the 1 1/2" wood screws.

## Step 10(cont) Walls and door

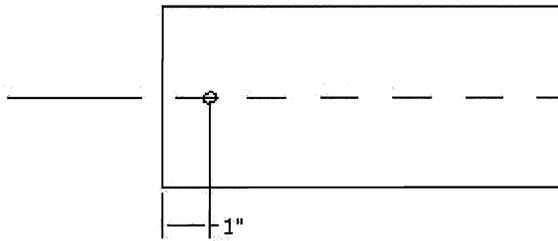
The pictures below show the assembly and mounting of the door. Pre-drill both ends of the WS4 boards with the dimensions shown before installation on the door.

Align the SW2 edge to the top of the WS4 and use the 1 1/2" wood screws through the SW2 into the WS4 boards.



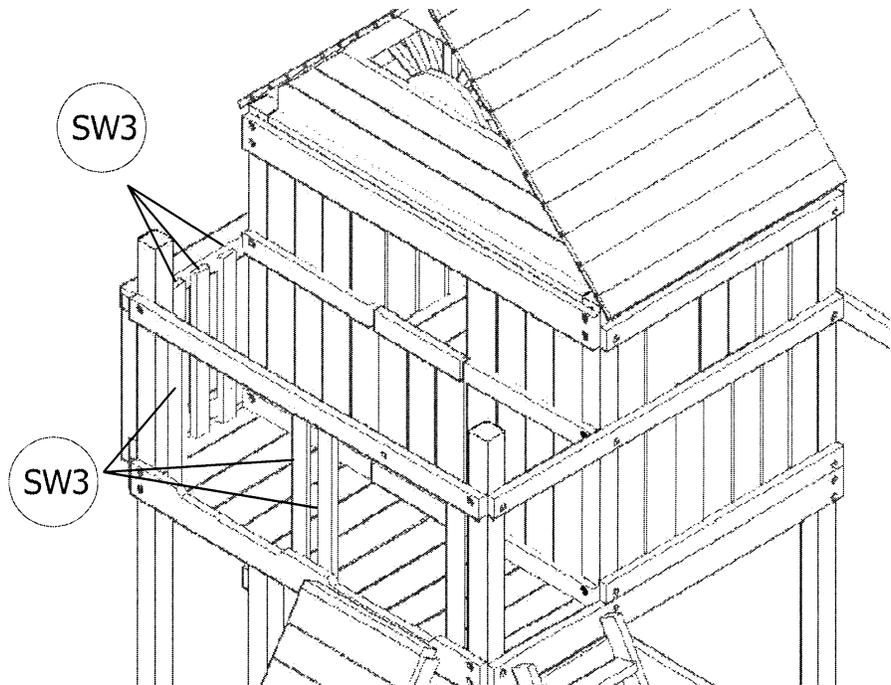
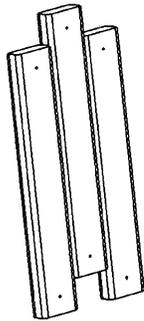
## Step 11: Installing panel slats and window screens

Find WS.3 7 of 5/4 x 2.625 x 28.5" Panel Slats

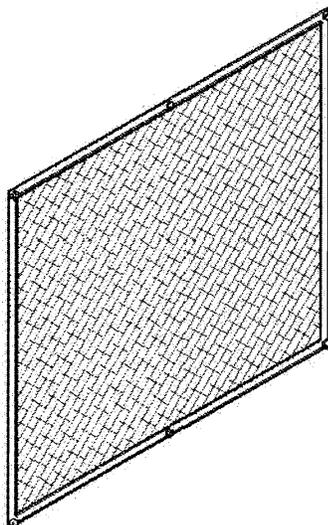


Predrill the slat 1" from each end on center as shown with 1/8" drill bit

Using a slat as a spacer (as shown below) install the panel slats with 1-1/2" wood screw.



Using a the screen as a pattern, push the snap screws into the snaps on the screen. Center the screen on the window and push the tips of the screws into the wood. Remove the snap screws from the snaps and using a Phillips screwdriver, screw the snap screws into the indentions in the boards. Snap the screen onto the snap screws for final installation. The Velcro strips hold the screen open when the screen is folded back onto itself.



20" x 22" screen

Repeat the above section for the other two windows

## Step #12 Picnic table

Find PT1. 1 OF 5/4" X 3.5" X 62.875" Picnic table Tops



PT1

Find PT3. 2 of 5/4" X 6" X 69.875" Picnic table top



PT3

Find PT5. 1 OF 2" x 6" x 62.875" Picnic table seat



PT5

Find PT2. 4 OF 2" x 4" x 26" Picnic table supports



PT2

Find PT4. 1 OF 2" x 4" x 14.5" center Picnic table support



PT4

Measure 15" from the ground up and mark this point on the inside of the front and middle corner post. Measure 28" from the ground up and mark this point on the inside of the front and middle corner post.

Align the bottom edge of PT2 on the 16" mark, and attach with two 5/16" X 3 1/2" lag bolts and 5/16 washers.

Align the bottom edge of PT2 on the 28" mark, and attach with two 5/16" X 3 1/2" lag bolts and 5/16 washers.

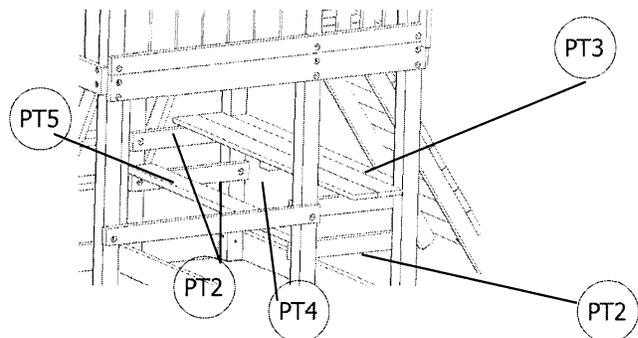
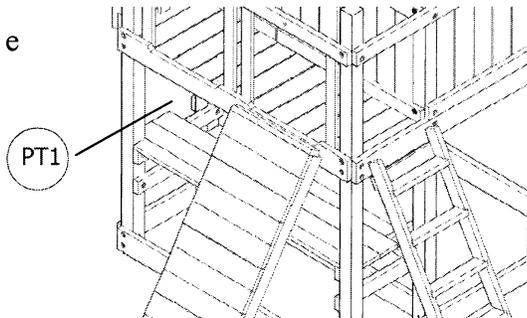
Repeat steps 6 thru 9 on the other side.

Align PT1 in between the front corner posts. Attach PT 1 with two 2" wood screws on each end to PT2.

Align the two PT3 behind PT1, attach with 2" wood screws to PT2. Note: each end

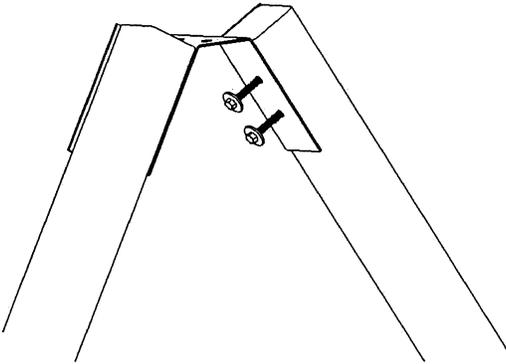
Install picnic table seat 2x6x62.875 5T5 with 2-1/2" wood screws

Install PT4 2x4x14 to center underside of picnic table top with 2" wood screws.



## Step #13: Swing leg assembly

Top of swing leg flush to top corner of bracket



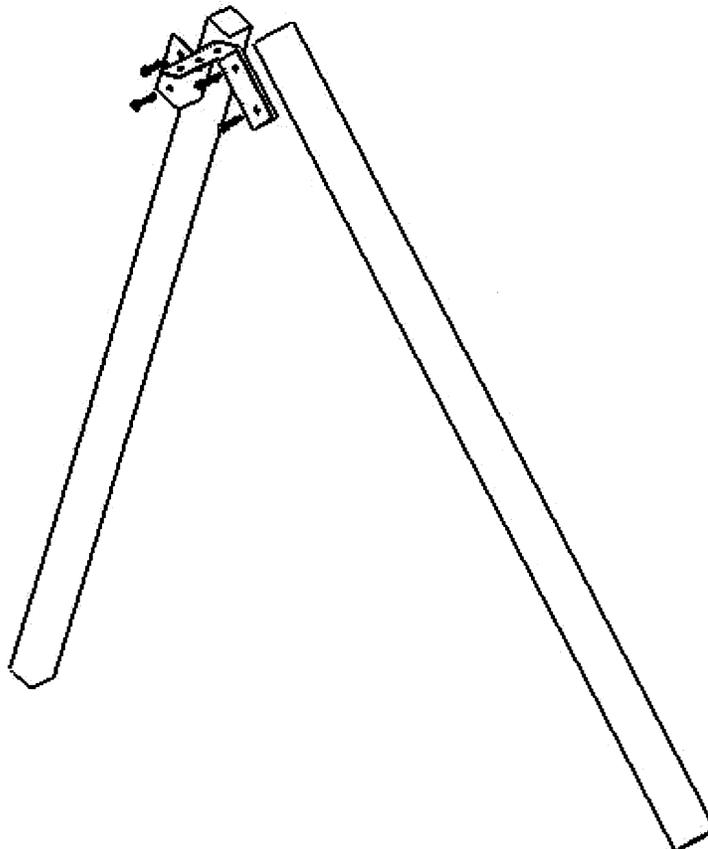
In this step you will attach the swing beam legs to the swing leg bracket.

Find the 4" x 4" X 96" (No holes swing legs

Place the swing legs in the bracket

Fasten the legs to the bracket with four 3/8" x 3 1/2" lag bolts and 3/8" washers per leg

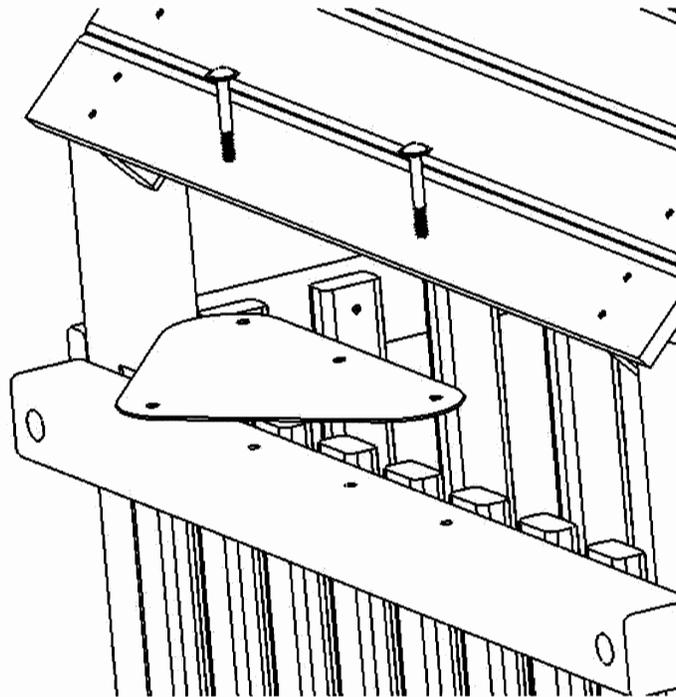
Note: If using a ratchet tap lag screw in with a hammer to start.



## Step #14 Swing beam mount

In this step you will attach the swing beam plate to the fort.

Place the swing beam plate on top of the swing beam support.  
Fasten the swing beam plate to the swing beam support through the outside holes with 3/8" x 3 1/2" carriage bolt and 1/2" washer on top of side support and 3/8" washer and lock nut on bottom. Hold the head of the carriage bolt with vise grips to prevent spinning. Leave the middle hole empty it will be used later.

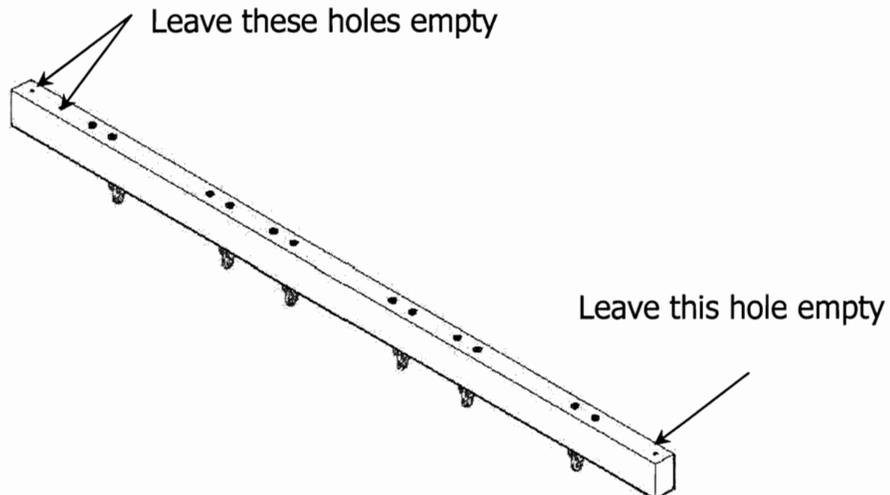
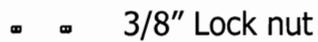
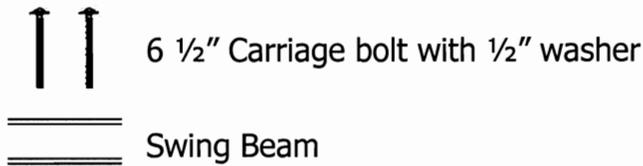


## Step #15: Swing hangers

In this step you will install the 6 1/2" bolts through the swing hangers on the swing beam.

Line up the two holes in the swing hanger with the holes on the swing beam as shown below

Fasten the hangers to the swing beam using 6 1/2" carriage bolt and 1/2" washer on top of the swing beam and tighten with 3/8" washer and locknut on the bottom of the swing hangers.



## Step #16: Attaching the swing beam to the fort

In this step you will rest the swing beam on top of the fort and the swing legs.

Sit the swing beam legs upright.

With the hangers facing down, rest the swing beam on top of the swing beam plate and the swing beam leg bracket lining up the pre-drilled holes.

With the swing beam on top of the plate line it up with the middle pre-drilled holes.

Fasten the swing beam to the plate and side rail with a 9" carriage bolt and 1/2" washer on top of the swing beam and a 3/8" washer and lock nut on the bottom of the swing beam support.

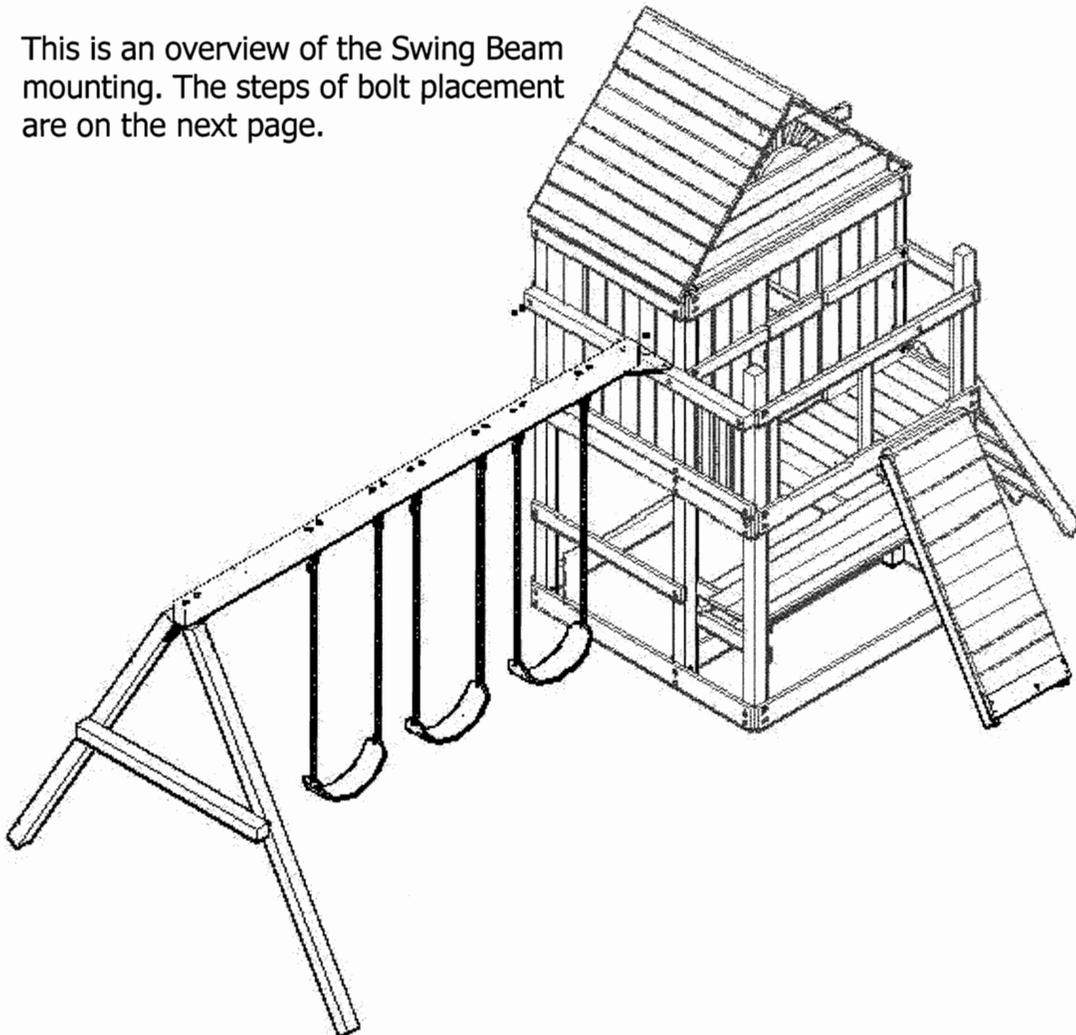
From the bottom of the plate fasten with a 3 1/2" lag bolt and 3/8" washer through the remaining hole in the plate (Shown in **Figure D** on the next page.)

Install bolt cap covers over exposed threads of bolts.

Fasten the swing beam to the swing beam leg bracket with 6 1/2" carriage bolts and 1/2" washers from the top and tighten with 3/8" washer and locknuts on the bottom of the bracket (Shown in **Figure A** on the next page).

Install bolt cap covers over exposed threads of the bolts.

This is an overview of the Swing Beam mounting. The steps of bolt placement are on the next page.



## Step #17: Placing the swing beam on the fort

In this step you will level the swing beam.

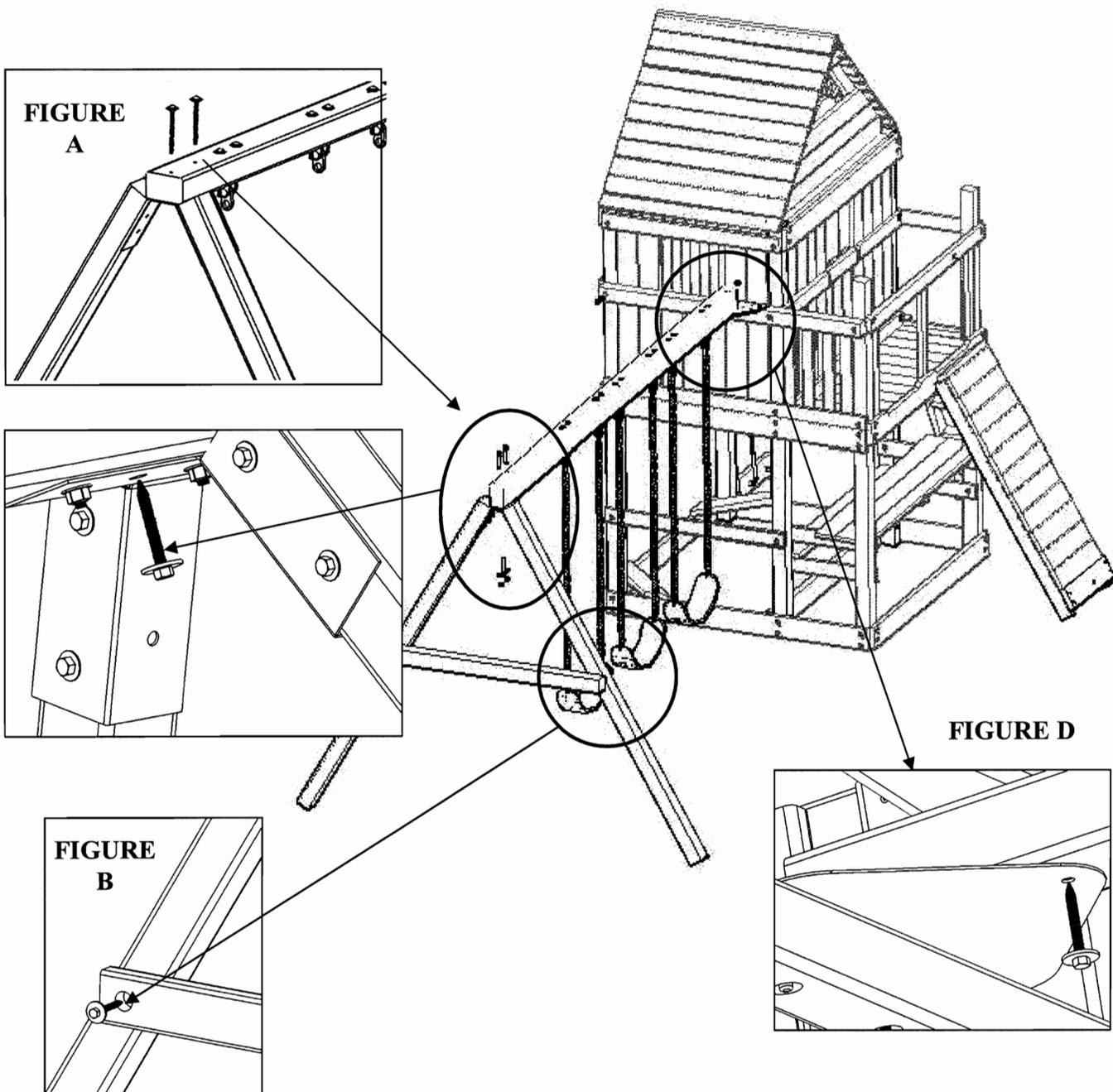
Place a level on top of the swing beam and adjust the swing beam legs in or out as needed until the swing beam is level.

Find the 2" X 4" X 58" Cross-Member.

Position the 2" x 4" x 58" cross-member in the location where it is level and meets the swing legs as shown

Secure using 3/8" x 3 1/2" lag bolts and 3/8" washers from the outside of the legs as shown in **Figure B**.

Install a 3/8" x 3 1/2" lag with washer in the center hole of the leg bracket as shown in **Figure C**.



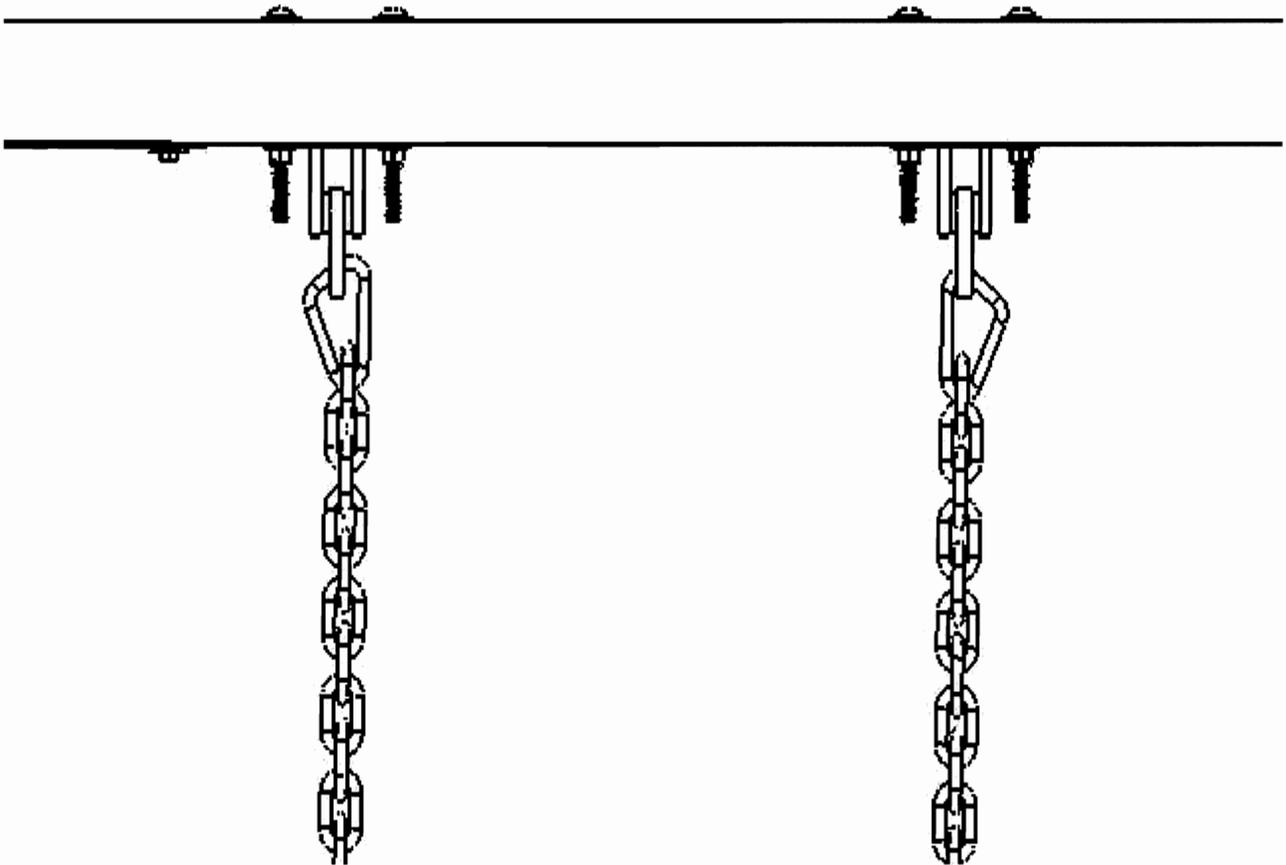
## Step #18: Hanging the swings

In this step you will hang the swings on the swing hangers.

Clip each of the six spring clips onto the swing hangers.

Clip on the swing chains. Use the clips to adjust the height of the swing by clipping it on higher or lower chain links.

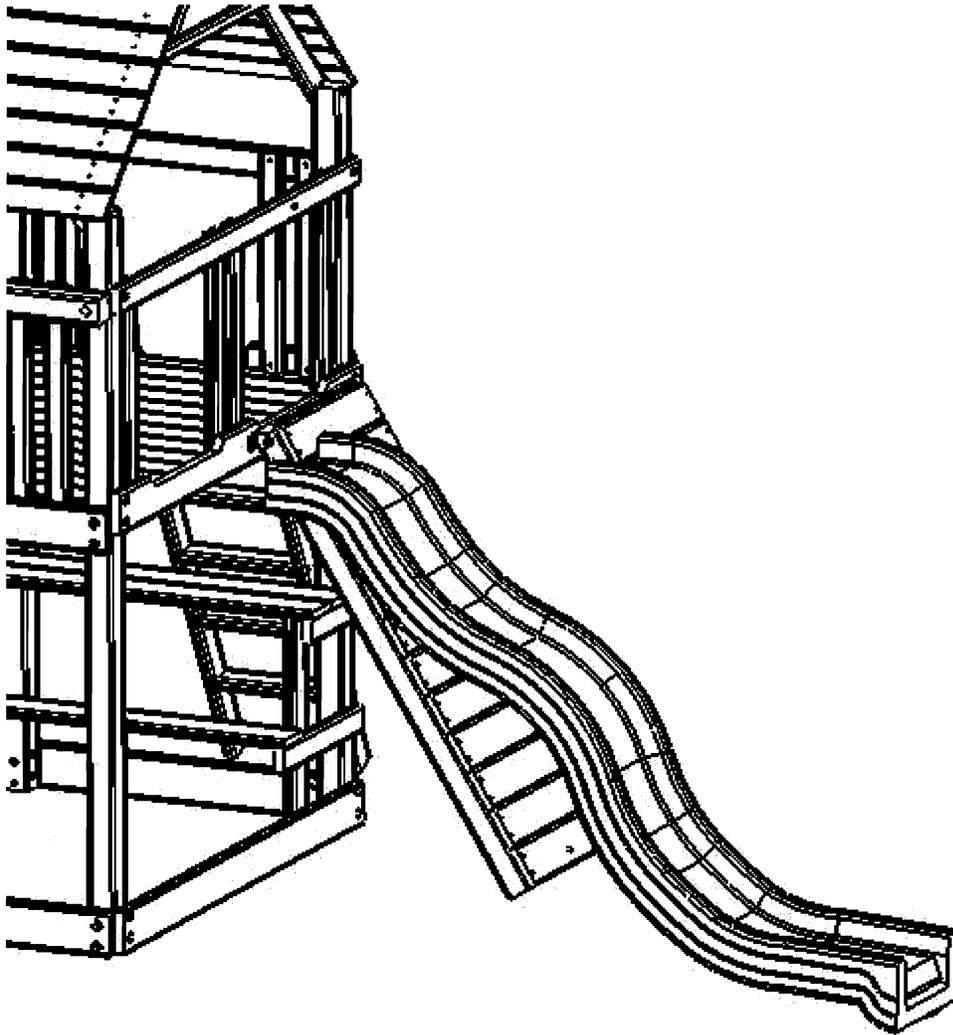
Count back the same number of links on the opposite side to insure the swing is level and adjust to fit your needs.



## Step #19: Installing the wave slide

In this step you will install the wave slide.

Install the wave slide with #8 x 1 ¼" screws from the wave slide into the deck.



## Step #20: Installing rocks on the rock wall

In this step you will mount the rocks.

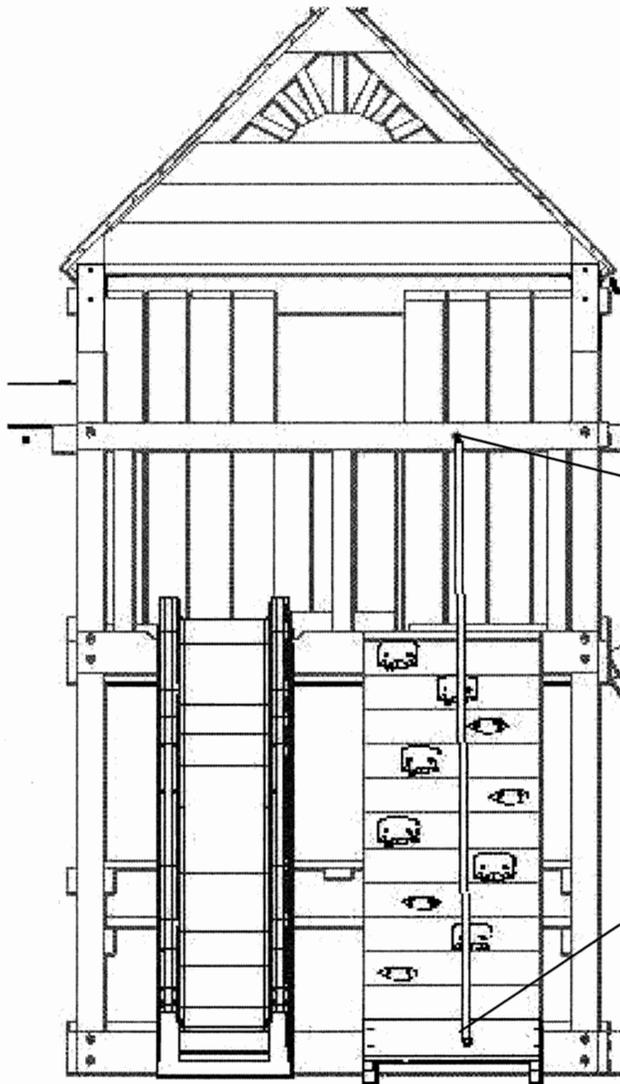
Ten rocks and twenty 1 ¼" pan head screws are supplied.

Mount in a staggered manner on rock wall slats.

Two pan head screws secure each rock to the wall.

Thread rope through the hole above the rock wall (Note R1). Tie knot on the inside of the top side rail.

Thread the rope through the hole in the top rock wall board pull it tight. Lift the rock wall assembly 2' thread the rope through the hole in the bottom rock wall board, tie a knot behind the board. If installed correctly, you should not be able to loop the rope around your hand.



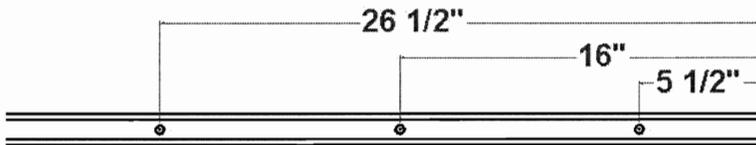
Thread rope through the hole above the rock wall. Tie knot on the inside of the top side rail.

Lift the rockwall assembly and thread the bottom of the rope through the hole in the bottom rock wall board pull it tight and tie a knot behind the rock wall.

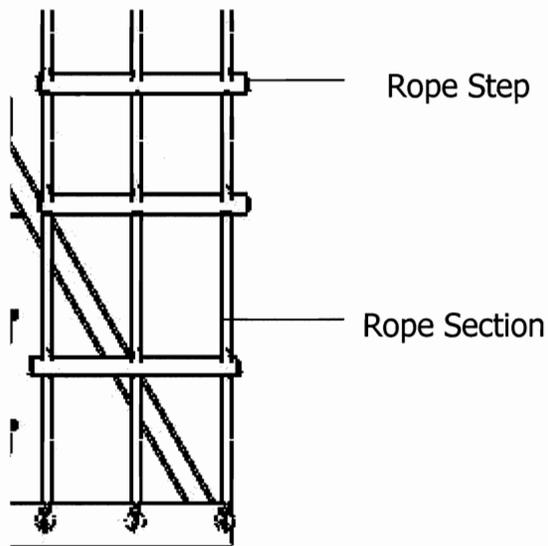
## Step #21: Installing rope ladder

In this step you will install the rope wall.

1. Using a  $\frac{1}{4}$ " drill bit Drill a  $\frac{1}{4}$ " pilot hole 1" deep into the rope ladder support at the dimensions shown below.



Attach the rope wall to the eyebolt and s hook assembly. Insert the bolt portion through the pre-drilled holes and using the  $\frac{5}{16}$ " eye-bolt lag tighten assembly until the wall looks as shown below.



## **Step #22: Installing the telescope**

In this step you will install the telescope.

Using the hardware provided with the telescope, find the two halves of the round brackets. The square bracket will not be used.

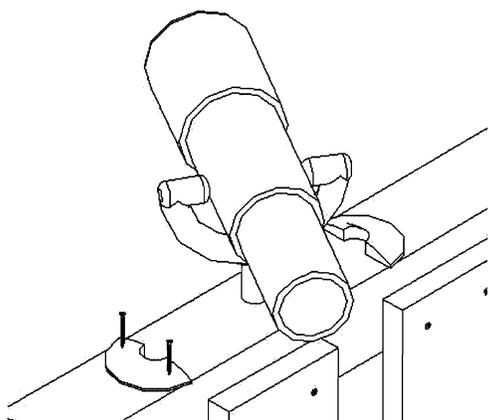
With the included screws install one half of the round bracket to the 4 X 4 swing beam mount top side rail.

Slide the round disk of the telescope assembly into the attached half of the bracket. Slide the second half of the bracket over the telescope assembly disk and attach to 4 X 4 with provided screws.

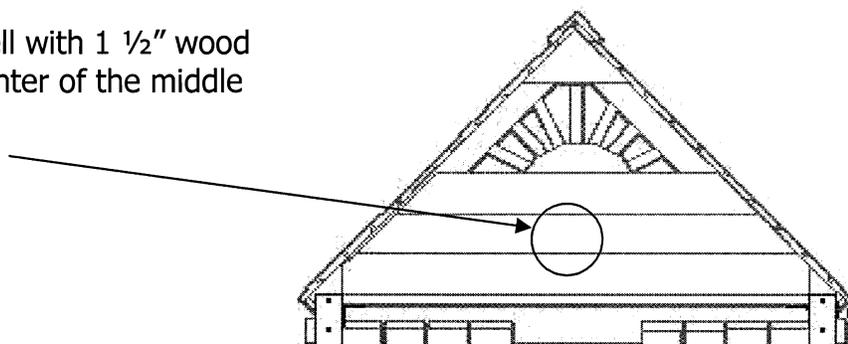
1ST Install half round bracket with provided screws.

2ND Slide telescope in place

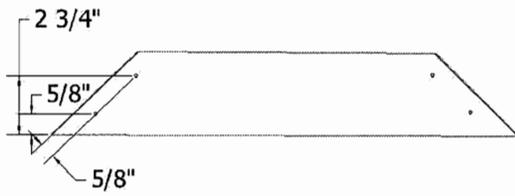
3RD Slide second half round bracket and install with provided screws.



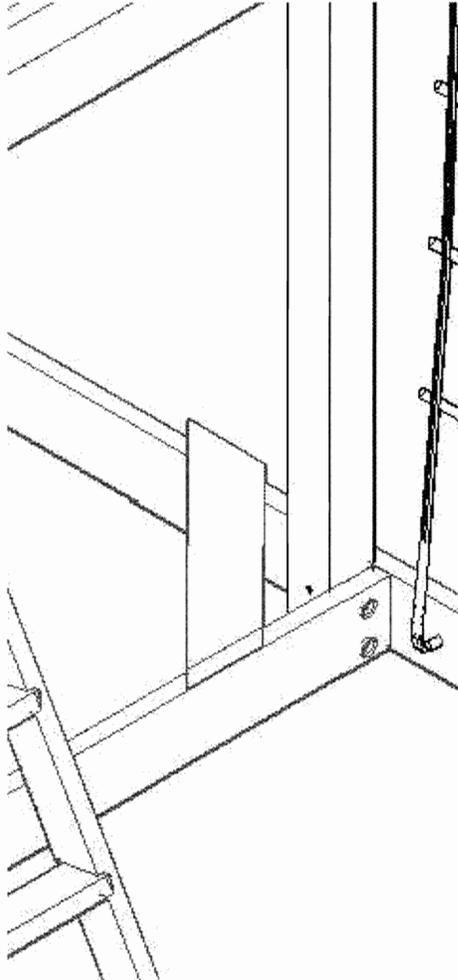
Mount Dinner bell with 1 1/2" wood screws in the center of the middle board.



## **Step #23: Installing the sandbox seats**



Find the two angled 2X6x24-3/4" boards. Pre-drill the boards to the dimensions to the left.



Align the angles to the back sandbox boards and attach with 2 1/2" wood screws. Repeat the same steps on the other side of the unit.

Install bumper pad over 2x4 above ladder opening.

# WARRANTY REGISTRATION CARD

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City, State, Zip: \_\_\_\_\_  
Playset Model: \_\_\_\_\_

Please, check the boxes below.

Your age?

- 18-25    26-30    31-35    36-40    41-45    46-50    51-55    56-60  
 61-65    66+

How old are your children?

- 2-3    4-5    6-7    8+

How would you rate the quality of our product?

- Excellent    Above average    Average    Below average    Poor

Would you recommend this product?

- Yes    No

Comments:

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