gorilla playsets

Café Climber

Model: 2300

(BOXES: 2300-1, 2300-2, 2300-3 , (110 or 1513), Glider Box & Slide Box)

190 Etowah Industrial Court
Canton, GA 30114
www.gorillaplaysets.com

Please inspect and inventory all parts immediately upon accepting delivery. Use the inventory pages in the manual to make sure you have received all necessary parts. The quickest method to get any parts that are missing or damaged is to use our “Quick Response Center” located at:

www.gorillaplaysets.com/support

DO NOT RETURN THIS PRODUCT TO THE RETAILER OR CONTACT THE RETAILER DIRECTLY. THE RETAILER DOES NOT STOCK COMPONENTS.

PLEASE RETAIN ALL INSTRUCTIONS FOR FUTURE REFERENCE. KEEP THEM IN A SAFE PLACE WHERE YOU CAN REFER TO THEM AS NEEDED. CHECK FOR REVISED INSTRUCTIONS AT:

www.gorillaplaysets.com/manuals

GORILLA PLAYSETS WARRANTY – 2014

Gorilla Playsets® ("Gorilla") warrants its play sets to be free from defects in workmanship and materials, under normal use and conditions, for 10 years for above ground structural wood components and for one year for all other components (e.g., swings, hardware, plastics, tarps, rope ladder, etc.).

Gorilla warrants all remaining products, including but not limited to its , Free Standing Swing Set, Free Standing Tire Swing, See-Saw, Children's Picnic Table with Umbrella, Play-Zee-Bo™, Cedar Toy Chest and spring riders to be free from defects in workmanship and materials, under normal use and conditions, for a period of 1 year. The Krazy Clubhouse is warranted for a period of 6 months.

Cosmetic imperfections and natural tendencies of wood such as peeling, splintering, warping, seasonal checking or cracking, knots or knot holes, etc. are normal characteristics of all outdoor wooden play equipment and are not covered by this warranty.

Wood rot or decay that develops because the product was installed in an area with poor drainage is not covered under this warranty. Lumber that has been damaged by wood boring bees, or conditions that develop as a result of faulty or improper installation of the product, are not covered by this warranty. Fading of stain, discoloration or mold on any wood part or accessory is not covered by this warranty. Cracks in plastic components, surface rust on hardware and chips on powder coated materials are not considered defects in material as long as they do not affect the functionality or structural integrity of the part or component.

It is the owner's responsibility to maintain the swing set. **This includes but is not limited to staining and sealing the lumber as needed and regular inspection to be sure all hardware is tight.** Instructions for proper maintenance can be found on Gorilla's website. Imperfections or conditions that develop because of a failure to properly maintain the swing set are not covered by this warranty.

Gorilla will, at its discretion, replace any above ground part within the stated warranty period that is defective in workmanship or materials. This decision is subject to verification of the defect, which, at Gorilla's discretion, may be accomplished by submitting photographs or by delivery of the defective part to Gorilla Playsets • 190 Etowah Industrial Ct. • Canton, GA 30114 • 1-800-882-0272 Monday to Friday 9AM-5PM EST. Any warranty claim must include proof of purchase, including the date of purchase. In addition, within the first 30 days from the date of purchase, Gorilla will replace any parts discovered to be missing from or damaged in the original packaging.

This warranty is valid only if the product is used for the purpose for which it was designed and installed at a residential, single-family dwelling. This warranty is void if the product is used in a commercial, institutional or multi-family setting. **This warranty does not cover normal wear and tear or (a) products that have been damaged by acts of God and/or nature, negligence, misuse or accident; (b) products that have been modified or repaired by unauthorized persons; (c) the cost of labor; or (d) the cost of shipping any replacement product or part.**

GORILLA DISCLAIMS ALL OTHER REPRESENTATIONS AND WARRANTIES OF ANY KIND, EXPRESSED, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. GORILLA WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. This warranty is non-transferable and does not extend to the owners of the product subsequent to the original purchaser. Some states do not allow limitations on implied warranties or exclusion of incidental or consequential damages, so these restrictions may not be applicable to you. This warranty gives you specific legal rights. You may also have other rights which vary from state to state.

IMPORTANT SAFETY GUIDELINES

This product is recommended for use by children ages 3-11. This product is intended for residential use only and not intended for use in any public setting. A safety surface such as mulch or recycled tire should be used under the play set to prevent injury from falls. Also a 6 foot safety zone should be used around the entire play set.

As with any home project, good judgment and respect for power tools will greatly reduce the risk of injury. Gorilla recommends you follow all tool manufacturers' safety guidelines. Always wear eye protection and safety gloves to prevent injury. In several phases of construction two people may be required for lifting and securing of lumber. While the play set is being constructed, please keep children off the equipment until the project is complete. Bolts and screw heads should be checked regularly for tightness. The ground ladder, rope ladder, slide, swings and other areas where children spend a majority of their playtime should be checked more frequently.

Gorilla shall not be liable for incidental, indirect or consequential damages or injuries that result from building and/or playing on our play sets. Adult supervision is recommended anytime a play set is being used.

WEIGHT LIMITS FOR GORILLA PLAYSETS

- FORT PLATFORMS: 800 LBS. TOTAL WEIGHT
- SWING BELT: 225 LBS.
- GLIDER SWINGS: 70 LBS. PER CHILD. UP TO 140 LBS. TOTAL WEIGHT.
- TRAPEZE: 125 LBS.
- FULL BUCKET SWING/ HALF BUCKET SWING: 50 LBS.
- HEAVY DUTY TODDLER BUCKET SWING: 85 LBS.
- INFANT SWING: 35 LBS.
- TIRE SWING: 125 LBS. TOTAL WEIGHT
- ROPE LADDER: 75 LBS.
- ROCK WALL: 150 LBS.
- CLIMBING RAMP: 150 LBS.
- MONKEY BARS: 175 LBS.
- ALL SLIDES: 150 LBS.

Gorilla recommends that the weight limits for all components must not be exceeded. Failure to adhere to these and other safety guidelines could result in damage to the play set and injury to the users.

WARRANTY REGISTRATION

- Café Climber -

Gorilla Playsets manufactures the finest quality products that are designed for outstanding strength and durability. We back our products with an unparalleled warranty. In the unlikely event that you will need to contact us about covered repairs, we must have a valid Warranty Registration on file.

3 EASY WAYS TO REGISTER		
OPTION 1	Fax this completed form to: **(678) 880-3329** **OR**	Mail this completed form to: **Gorilla Playsets 190 Etowah Industrial Court Canton, GA 30114**
OPTION 2	Complete the online registration form at: **http://www.gorillaplaysets.com/register**	
OPTION 3	Scan this QR Code with your smart phone to complete the form using your phone	

Where did you buy this product?:

_____

Date of Purchase Place of Purchase

Your registration information:

Name: _____ Email: _____

Address: _____

Street City State Zip

Please select your age? ☐ 18-30 ☐ 41-50 ☐ 31-40 ☐ 51+

How old are your children? ☐ 2-3 ☐ 6-7 ☐ 4-5 ☐ 8+

How would you rate the quality of this product?

☐ ★★★★★ Excellent
☐ ★★★★ Above Average
☐ ★★★ Average
☐ ★★ Below Average
☐ ★ Poor

Would you recommend this product to friends & family? ☐ Yes ☐ No

Comments: _____

_____

_____

_____

IMPORTANT – PLEASE READ

As fresh lumber acclimates to its new environment, the natural tendencies of the tree can show itself in the form of checks, or “cracks” in the lumber. In almost all cases this is normal and it will not affect the structural integrity of your play set.

Cosmetic defects that do not affect the structural integrity of the product, or natural defects of wood such as warping, checking or any other physical properties of wood that do not present a safety hazard, are not covered by this warranty. Defects that develop because the product is exposed to extreme climate conditions or woodboring insects are not covered by this warranty. Defects that develop as a result of faulty or improper installation of the product are also not covered by this warranty.

Most cracks are not warrantable, however if you believe that the integrity of your play set is compromised by this natural occurrence, please follow the warranty claim procedure found at www.gorillaplaysets.com. Click on the “Customer Care” tab on the left hand side of the page, then click on “Warranty Claim” and follow the directions.

KEEPING YOUR PLAYSET LIKE NEW

LUBRICATE:

• Spray swing hangers with Pam, Mazola or olive oil to stop squeaking.
• Do not use petroleum based products such as WD-40 or motor oil.
• To speed up the slide wipe center of slide ONLY with wax paper every 2 - 3 weeks.

TIGHTEN:

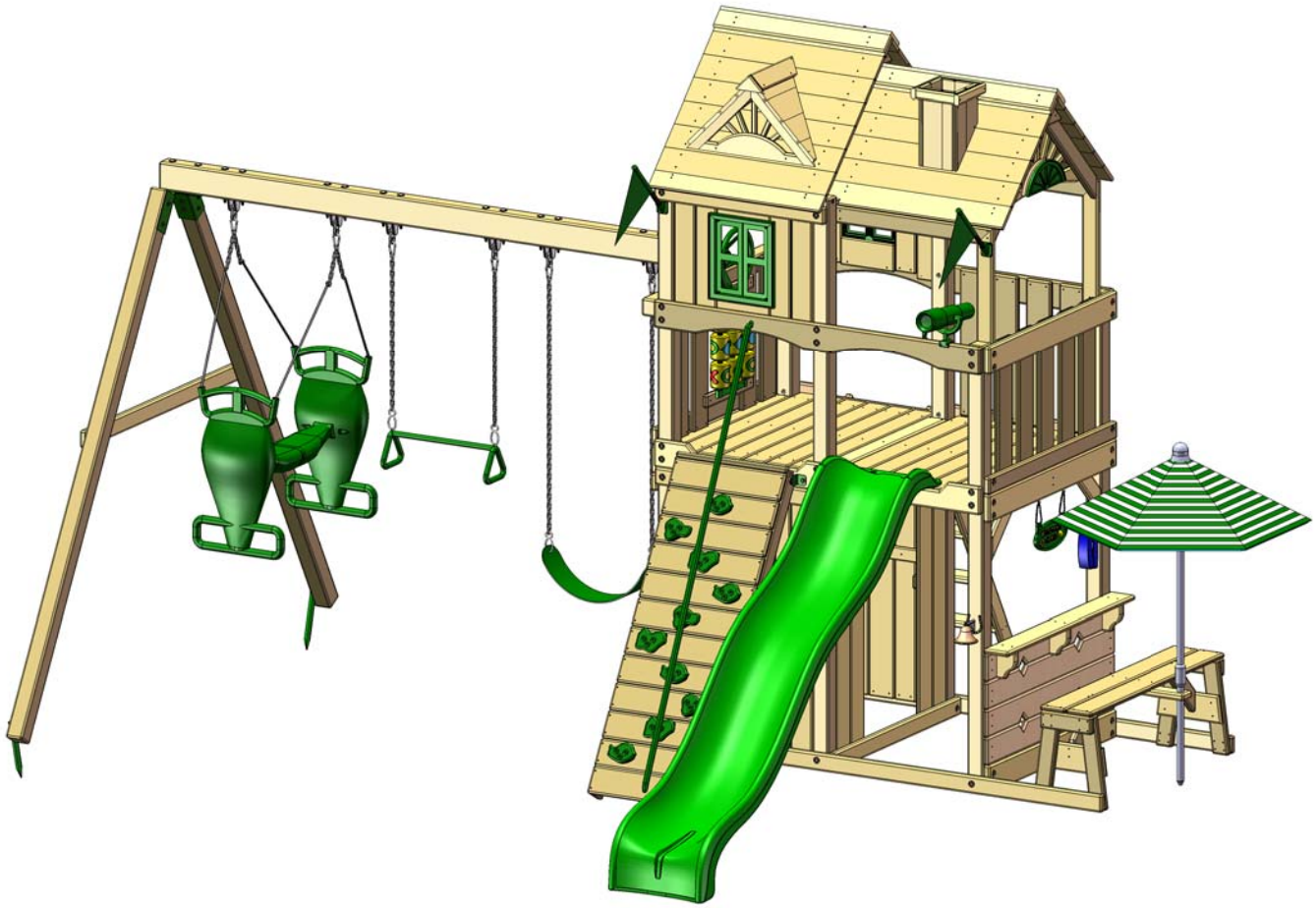
• Check and tighten hex/carriage bolts within first 60 days and then twice annually.
• Check lag screws for tightness before each season and then once during the season for tightness. Tighten lag screws as required.

SEAL:

• Apply an oil based sealer or preservative within 90 days, then every 2 - 3 years. You may need to power wash the unit before sealer application on year two.

INSECTS:

• To repel yellow jackets and wasps, using a cloth, coat all interior 90 degree corners with liquid dish soap underneath the play set deck. This will make wasps sick when they attempt to build a nest. Avoid using insecticides.



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REV: 4.28.2014

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PLEASE READ OWNER'S MANUAL CAREFULLY BEFORE STARTING ASSEMBLY!

Safety and Maintenance Tips for Your New Play Set:

NOTE: Your children's safety is our #1 concern. Observing the following statements and warnings reduces the likelihood of serious or fatal injury. Please review these safety rules regularly with your children.

• This play set is designed for the use of 4 occupants who have a combined weight not exceeding 800 pounds on the elevated floor, 3 occupants who have a combined weight of 425 pounds on the swing area, for a total Unit capacity of 7 occupants who have a combined weight of 1225. (This weight does not include any picnic table area(s).)
• On-site adult supervision is required.
• Teach children not to walk close to, in front of, behind, or between moving swings or other moving playground equipment.
• Teach children to sit in and never stand on swings
• Teach children not to twist the chains and ropes and not to loop them over the swing beam, since this may reduce the strength of the chain or rope.
• Teach children not to jump from swings or other playground equipment in motion.
• Teach children not to push empty seats. The seat may hit them and cause serious injury.
• Teach children to sit in the center of the swings with their full weight on the seats.
• Teach children not to use the equipment in a manner other than intended.
• Teach children to always go down slides feet first. Never slide headfirst.
• Teach children to look before they slide to make sure no one is at the bottom.
• Teach children to never run up a slide, as this increases their chances of falling.
• The parents should have the children dress appropriately with well-fitting shoes. Loose clothing such as scarves and ponchos should not be worn. Always take off, tie up or tuck in cords and drawstrings on children's clothing. These things can get caught on playground equipment and strangle a child.
• Teach children not to climb when the equipment is wet.
• Teach children to never jump from a fort deck. They should always use the ladder, ramp or slide.
• Teach children to never crawl or walk across the top of monkey bars or swing beam.
• Teach children to never crawl on top of a fort roof or on the outside of a tube slide.
• Verify that any suspended climbing ropes, chains, or cables are secured at both ends and that they cannot be looped around an adult hand.
• Teach children not to attach items to the playground equipment that are not specifically designed for use with the equipment, such as, but not limited to, jump ropes, clothesline, pet leashes, cables and chain as they may cause a strangulation hazard.
• Teach children to never wrap their legs around swing chain.
• Teach children to never slide down the swing chain.
• Teach children to remove their bike or other sports helmet before playing on the playgound equipment.
• Teach children to NEVER look at the sun or other bright light through any accessory such as but not limited to a telescope, periscope or binoculars.

WARNING: Children must NOT use this play set until it has been completely assembled and inspected by an adult to insure it has been properly installed and the swing beam legs are anchored.

Safety and Maintenance Tips for Your New Play Set: (continued)

Playgrounds should be inspected on a regular basis. If any of the following conditions are noted, they should be removed, corrected, or repaired immediately to prevent injuries.

• Hardware that is loose, worn or that has protrusions or projections.
• Exposed equipment footings.
• Scattered debris, litter, rocks, or tree roots.
• Splinters, large cracks, and decayed wood components.
• Deterioration and corrosion on structural components, which connect to the ground.
• Missing or damaged equipment components, such as handholds, guardrails, swing seats.
• Check all nuts and bolts twice monthly during the usage season and tighten as required. (But not so tight that you crack the wood) We recommend you check the swing beam and hardware often due to wood expansion and contraction. It is particularly important that this procedure be followed at the beginning of each season.
• Remove plastic swing seats and take indoors or do not use when the temperature drops below 32°F. Reinstall swings and other swing equipment at the beginning of the usage season.
• Oil all metallic moving parts monthly during the usage period.
• Check all coverings for bolts and sharp edges twice monthly during usage season to be certain they are in place. Replace when necessary. It is especially important to do this at the beginning of each new season.
• Check swing seats, ropes, cables and chains monthly during usage season for evidence of deterioration. Replacement should be made of any swing seat that has developed cracks in the plastic seats. Ropes, cables and chains should be removed and replaced if excessive wear is found. Contact us for warranted replacement parts.
• Swing chains, rings, ropes, etcetera should always be fastened to a rotating swing hanger. NEVER attach a chain, ring, rope, etcetera to a stationary hanger such as but not limited to an eye bolt. Severe wear could occur leading to an injury.
• For rusted areas on metallic members such as monkey bars, hand supports brackets, etc.; sand and repaint, using a non lead-based paint meeting the requirements of Title 16 C.F.R. Part 1303. These requirements are available at: http://www.cpsc.gov/
• Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe playing environment. If you are treating your play set with stain regularly, it will help prevent severe checking/splitting and other weather damage.
• Once or twice a year, depending on your climate conditions, you must apply some type of protection (sealant) to the wood of your unit. Prior to the application of sealant, lightly sand any “rough” spots on your set. Please note this is a requirement of your warranty.
• Creating and maintaining the play set on a level location is very important. As your children play, your play set will slowly dig its way into the soil, and it is very important that it settles evenly. Make sure the play set is level and true once each year or at the beginning of each play season.
• Twice a month during the usage season rake the playground protective surfacing materials to prevent compaction and maintain appropriate depths. Replace the protective surfacing materials as required.
• Disposal Instructions: When the play set is no longer desired, it should be disassembled and disposed of in such away that no unreasonable hazards will exist at the time the play set is discarded.

Play Set Surfacing Recommendations:

Below are some of the recommendations that the U.S. Consumer Product Safety Commission (CPSC) offers from its Handbook for Public Playground Safety. The guide can be downloaded in full at www.cpsc.gov/cpscpub/pubs/325.pdf

1. Protective Surfacing - Since almost 60% of all injuries are caused by falls to the ground, protective surfacing under and around all playground equipment is the most critical safety factor on playgrounds.

Certain manufactured synthetic surfaces also are acceptable; however, test data on shock absorbing performance should be requested from the manufacturer.

Asphalt and concrete are unacceptable. They do not have any shock absorbing properties. Similarly, grass and turf should not be used. Their ability to absorb shock during a fall can be reduced considerably through wear and environmental conditions.

Certain loose-fill surfacing materials are acceptable. Surfacing materials are acceptable, such as the types and depths shown in the table.

Fall Heights and Materials

Type Of Material	6 in. depth	9 in. depth	12 in. depth
Double-Shredded bark mulch	6’ Fall Height	10’ Fall Height	11’ Fall Height
Wood Chips	6’ Fall Height	7’ Fall Height	12’ Fall Height
Fine Sand	5’ Fall Height	5’ Fall Height	9’ Fall Height
Shredded Tires*	10-12’ Fall Height	N/A	N/A
Fine Gravel	6’ Fall Height	7’ Fall Height	10’ Fall Height

*This data is from tests conducted by independent testing laboratories on a 6-inch depth of uncompressed shredded tire samples produced by four manufacturers. The tests reported critical heights, which varied from 10 feet to greater than 12 feet. It is recommended that persons seeking to install shredded tires as a protective surface request test data from the supplier showing the critical height of the material when it was tested in accordance with ASTM F1292.

It should be recognized that all injuries due to falls cannot be prevented no matter what surfacing material is used.

2. Fall Zones - A fall zone, covered with a protective surfacing material, is essential under and around equipment where a child might fall. This area should be free of other equipment and obstacles onto which a child might fall. Stationary climbing equipment and slides should have a fall zone extending a Minimum of 6' in all directions from the perimeter of the equipment.

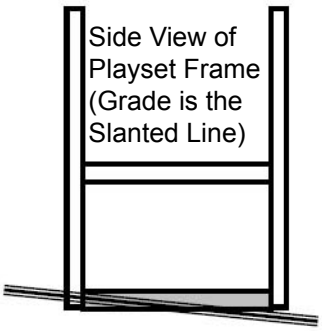
Swings should have a fall zone extending a minimum of 6' from the outer edge of the support structure on each side. The fall zone in front and back of the swing should extend out a minimum distance of twice the height of the swing as measured from the ground to the top of the swing support structure.

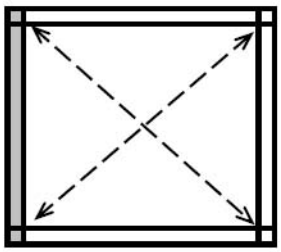
LEVELING YOUR FORT DURING ASSEMBLY

• Complete the steps which will be the basic frame of the fort. {i.e. four corner posts with base (sand box boards) and deck supports}
• Position in the most level area chosen for the play set, keeping in mind the location and size of the swing beam, ladder, slides, etc. that extend off the fort.
• Once the frame is in the final position, check for vertical and horizontal levelness to determine which side(s) will need to be dug into the ground to level the play set.
• With a shovel, score the ground around the outside edges of the sandbox boards on the 'high' side of the fort. This is the area that will be dug in. Make sure to score deep enough; the scored lines will be your digging template.
• Push the frame off and away from the scored area, far enough to dig and remove dirt to reach the appropriate depth.
• Dig a channel along the scored line(s) for the base of the fort (corner post and sandbox boards) to rest into. Dig the channel(s) to the same level depth. The bottom of the channel(s) should be level to each other so your frame doesn't teeter or rock because the channel(s) are uneven.
• Once you have removed enough grass and dirt, slide/push the frame into the channel(s). Place a level on the vertical and horizontal boards of the frame to determine if enough soil, or too much, was removed.
• Repeat this process until the basic frame is plumb and level and in its final position before completing the rest of the assembly.
• Measure to make sure fort is square.

Important: if you require a channel depth of more than 6", then we recommend you have your play set area professionally graded before completing assembly.

Example Play area:





The diagonal measurements should be the same from corner post to corner post. If not, adjust corner posts so that the distance is equal.

= Area to be scored and channeled for levelness

General Info to Review Before Installation

• Depending on your experience, assembly of the playset can take as little as 6 hours up to 24 hours, depending on size, after inventory of parts; therefore, we recommend you set aside a full two days for assembly.

• Identify all of the parts for your play set. Empty each box and lay out boards so you can see each part. Your instruction book will have detailed drawings that will make it easy for you to recognize individual parts. Keep all hardware and metal parts separate from wooden pieces.

• After everything is laid out, check carefully to ensure all parts are present. Make sure there are no broken boards.

• Find an area to sort your hardware. It is best to open the hardware on a solid surface so that you do not lose any pieces in the grass. This will save time and familiarize you with all the different pieces in the hardware bag.

• Important note: Wood has some natural defects such as knots, surface cracks, etc… We reject parts that are structurally defective. We use a high quality lumber in our structures; however, you should inspect each part for splinters or rough spots and sand them smooth to prevent injury.

• After familiarizing yourself with all of the components, read all instructions thoroughly. Reading instructions after you have studied the parts will help you understand the installation process, and help to eliminate unnecessary mistakes.

• Pay close attention to the diameter and length of each bolt and screw.

• Never tighten hardware completely at first. It helps to have some adjustment for bolt alignment while you are attaching parts together. After everything is square, tighten each joint.

• After the main unit is assembled it is critical that the floor is level and square. If the main frame is not level, the walls and floor will be out of square.

• After you complete installation, make sure every bolt, screw, and nut is tight, and every board is secure. Wood will expand and contract with the seasons.

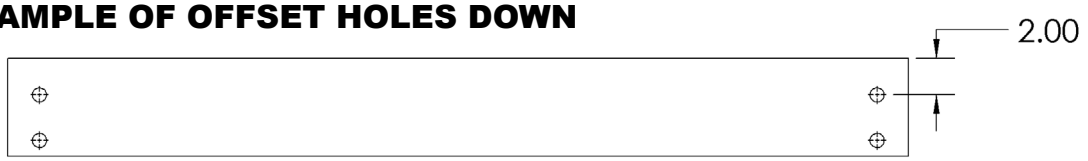
• Place the set on level ground, not less than 6 feet from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.

This page is a list of definitions and explanations used throughout our instructions to aid you in the assembly of your play set.

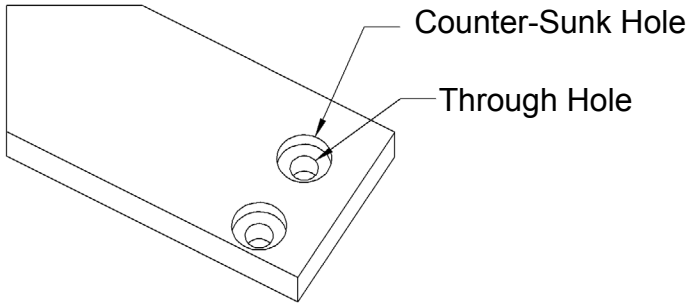
Offset Holes- Throughout the installation procedures we will refer to parts with offset holes. This refers to the orientation of the holes on the board. An offset hole is one that is closer to one side than it is the other or in other words, it is not centered on the board. In the procedures you will be instructed to attach the boards with the holes offset up or with the holes offset down. This refers to which side of the board the hole/holes should be closer to. Offset holes up= hole/holes will be closer to the top of the board. Offset holes down= hole/holes will be closer to the bottom of the board. Note: some parts do not have offset holes, but instead the holes are on center. Therefore there will not be any reference on how to offset these parts.

EXAMPLE OF OFFSET HOLES UP

EXAMPLE OF OFFSET HOLES DOWN



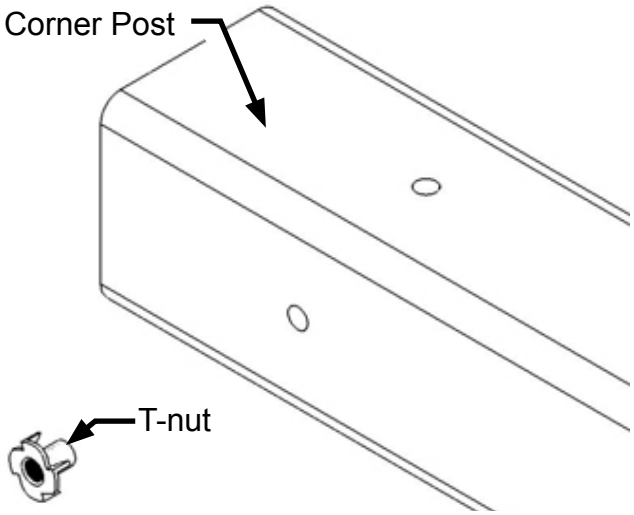
Counter-sunk holes - Many of the parts that will be used have counter-sunk holes. A counter-sunk hole is one that surrounds one side of a through hole, but does not extend through the wood it's self. When using a counter-sunk hole the bolt will be inserted through the through hole and either the head of the bolt and washer or nut and washer will occupy the counter sunk hole.

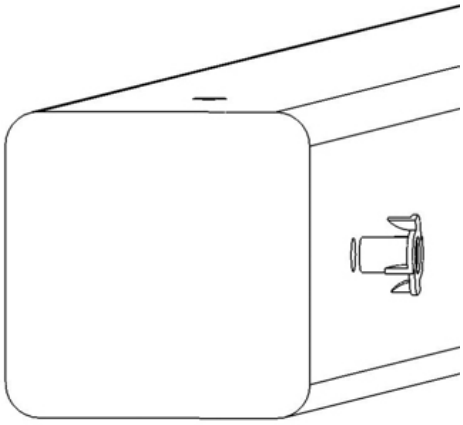


Lag Screws- Lag screws are used in the construction of our play sets to enhance the structural integrity of the unit. There will not be predrilled holes in the post for lag screw installation. Lag screws are self-tapping, though if you are using a manual socket wrench it may be advantageous to pre-drill a hole first. Instructions for this are provided on a separate page in the front of the manual. Be sure to tighten the lags completely when driving them in by hand. Power tools such as a heavy duty impact driver or large power drill should have enough torque to drive in the lag screws, but make sure not to over tighten as this can cause the threads to "strip out" in the post.

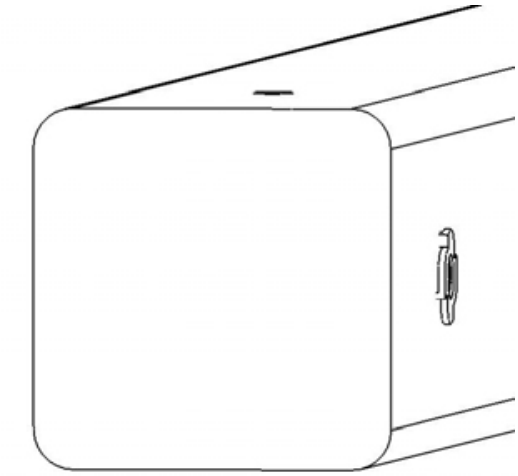
Common Installation Practice Installing T-nuts

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

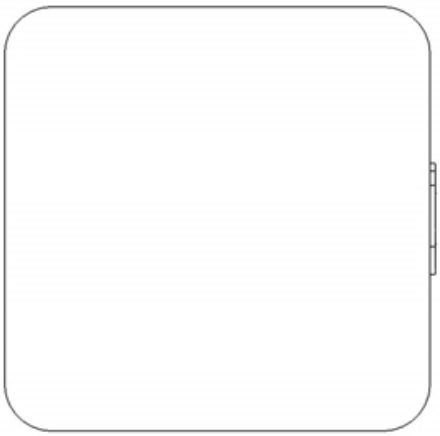




Insert the barrel of the T-nut into the predrilled hole. Using a smooth faced hammer, drive the T-nut until the face of the T-nut is flush to the wood.

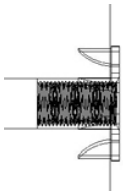


This picture shows the T-nut inserted and installed flush to the wood.



This picture shows an end view of the T-nut installed flush to the wood.

WARNING: DO NOT EMBED THE TOP OF THE T-NUT INTO THE FACE OF THE WOOD



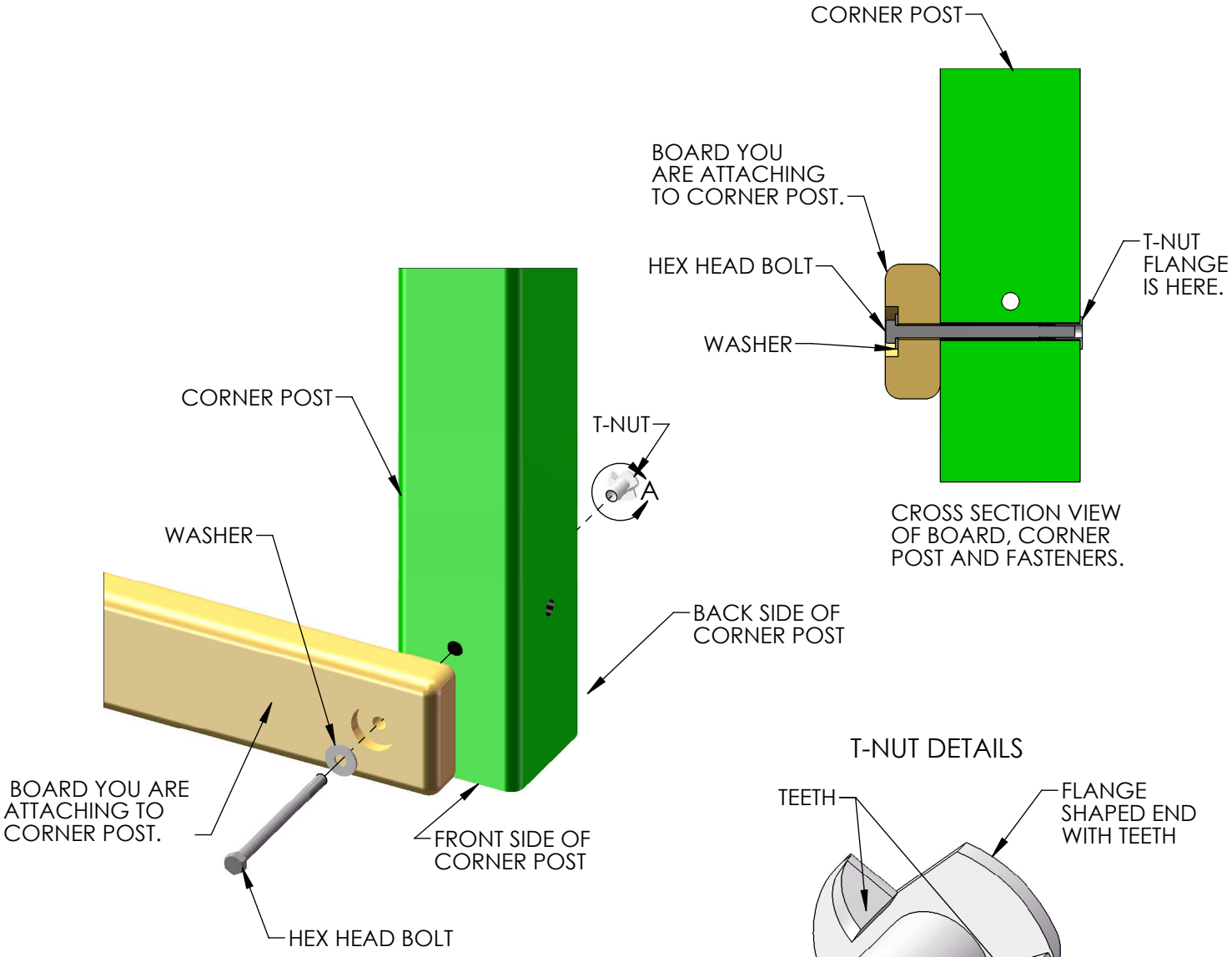
Cross Section end view, you are looking at an X-ray view of the post and T-nut. The barrel of the T-nut is in the corner post the line is the face of the wood.

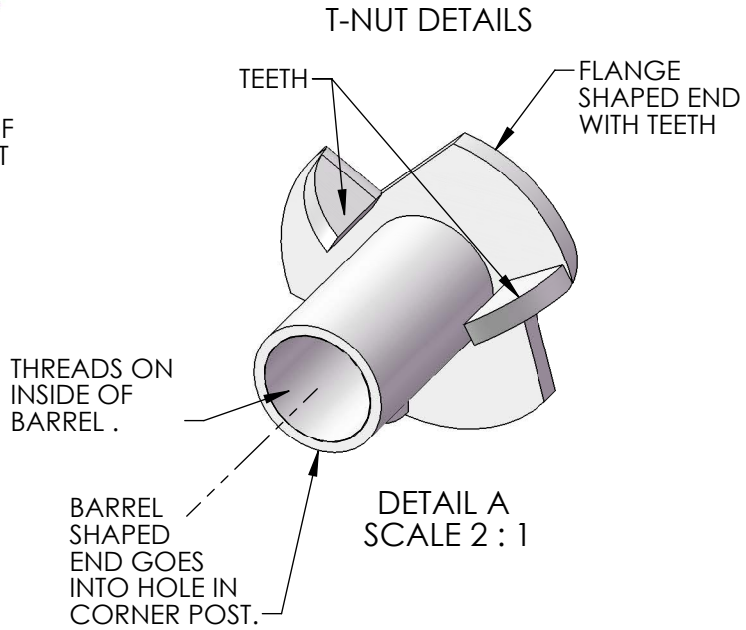
HOW A T-NUT WORKS

THE FIRST STEP IN OUR ASSEMBLY INSTRUCTIONS IS TO INSERT T-NUTS INTO THE CORNER POSTS. A T-NUT IS A FASTENER WHICH IS THREADED ON THE INSIDE AND IT FUNCTIONS JUST LIKE A STANDARD HEX NUT. YOU INSERT THE T-NUTS INTO THE PREDRILLED HOLES IN THE CORNER POSTS.

THE T-NUT HAS A BARREL SHAPED END WHICH GOES INTO THE HOLE IN THE CORNER POST. THE T-NUT ALSO HAS AN FLANGE SHAPED END WITH TEETH. THE TEETH PENETRATE INTO THE CORNER POST WOOD TO PREVENT THE T-NUT FROM SPINNING WHEN YOU TIGHTEN THE HEX HEAD BOLT.

SHOWN BELOW YOU WILL SEE THE T-NUT IS HAMMERED INTO THE CORNER POST ON THE BACK SIDE. THE BOARD IS BEING ATTACHED ON THE FRONT SIDE OF THE CORNER POST.





BOARD IDENTIFICATION

1. On the end of each board there should be a small white tag that is stapled into place.

2. This white identifcation tag displays the thickness, width, length and an abbreviated description of the part.

Example: a tag reads "2-4-3600-BPB"

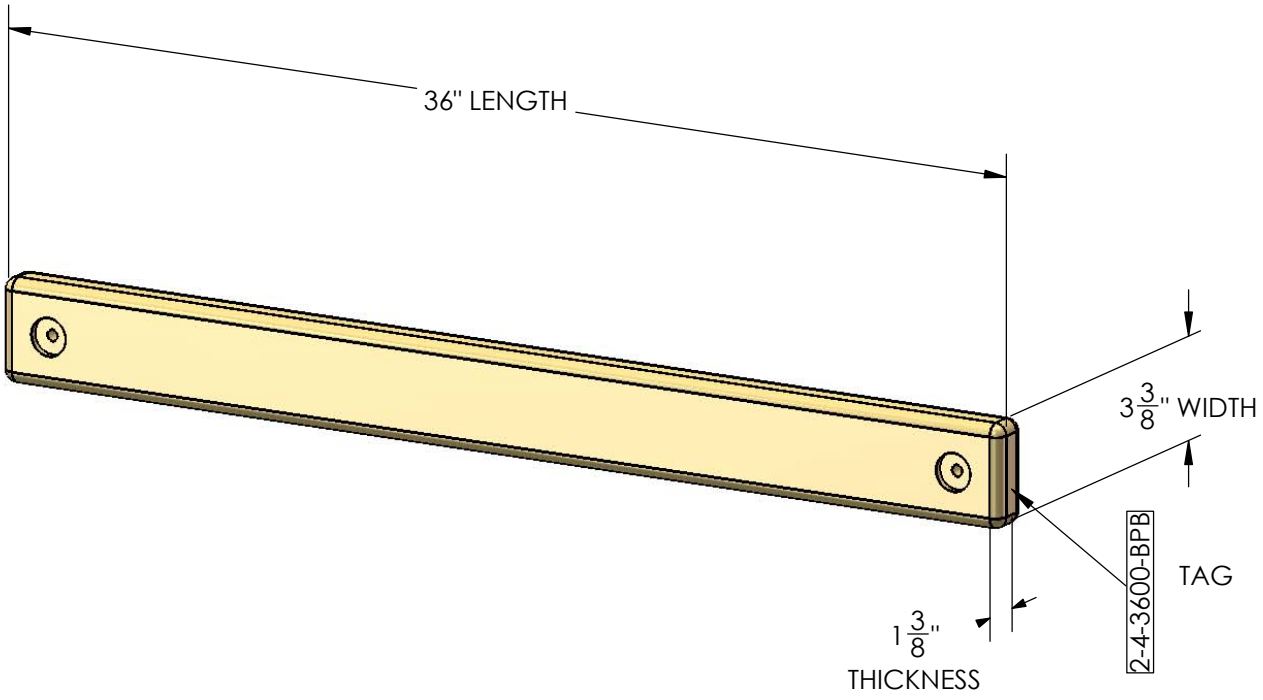
- The 2 is the thickness of the board. "Nominal Lumber" at a home center will measure 1-1/2" for the thickness. We "remill" that lumber to 1-3/8" thick.

- The 4 is the width of the board. "Nominal Lumber" at a home center will measure 3-1/2" for the width. We "remill" that lumber to 3-3/8" wide.
  Note: sometimes the width will be smaller than 3-3/8" because:
  A) We need the width of the part to fit into a certain area of the play set.
  B) We need the designation to be simple.

- The 3600 is the length of the board. It means the board is 36 inches long. If the code were 3625 then the board is 36-1/4" in length.

- The "BPB" abbreviation stands for "Bottom Panel Board". The wood part bill of materials in the instructions has a description which will match the abbreviation closely.

- In the event that there is no tag on a wood part measure the part then:
  A)Use the measurements and compare them to the wood list at the front of the instructions to identify it.
  B)Look at the holes on the wood part and compare them to the pictures in the wood list.
  C)Look to see if the holes are centered or if they are offset up or offset down.
  This should help you identify any parts that have missing tags. In the event that you cannot identify a board please email us for assistance.



PRE-DRILL LAG SCREW DIRECTIONS

Pre-drilling holes for lag screws will make it easier to drive the screws in by hand. "Jobber" length drill bits are available in sizes that are longer than standard drill bits and those are ideal for the job. When using the drill bit you will have to "spot" drill the post and then remove the board you are attaching to finish drilling the hole.

Pay attention to the DIAMETER of the lag screw you are installing. Your playset may come with two different diameter lag screws. Each diameter will require a different size drill bit. When installing lag screws **DO NOT OVERTIGHTEN.**

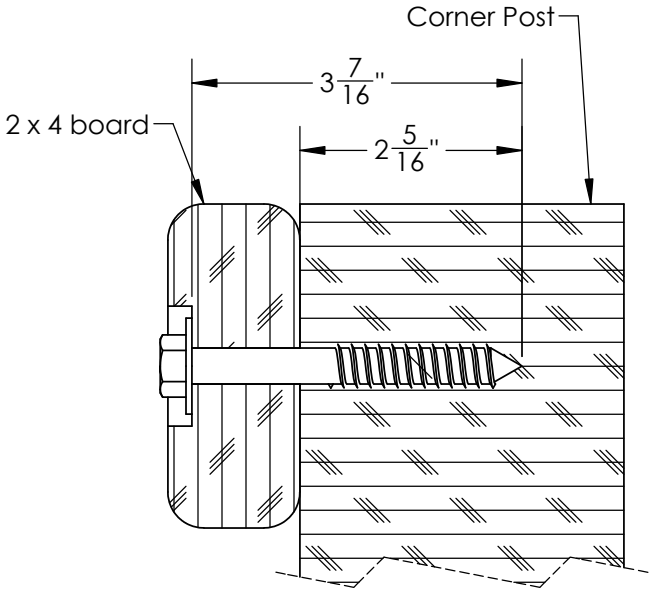
LAG SCREW DIAMETER	DRILL BIT SIZE
5/16" DIAMETER	9/64"
3/8" DIAMETER	11/64"

Example: 3/8" diameter x 3-1/2" lag screw

This would be like the 2 x 4 board installation shown below. Place the board into position. Spot Drill through the holes in the 2 x 4 board into the corner posts with an 11/64" drill bit. Remove the 2 x 4 board. Continue to drill the holes to a total depth of 2-5/16" as shown at the right. Install the 2 x 4 board.

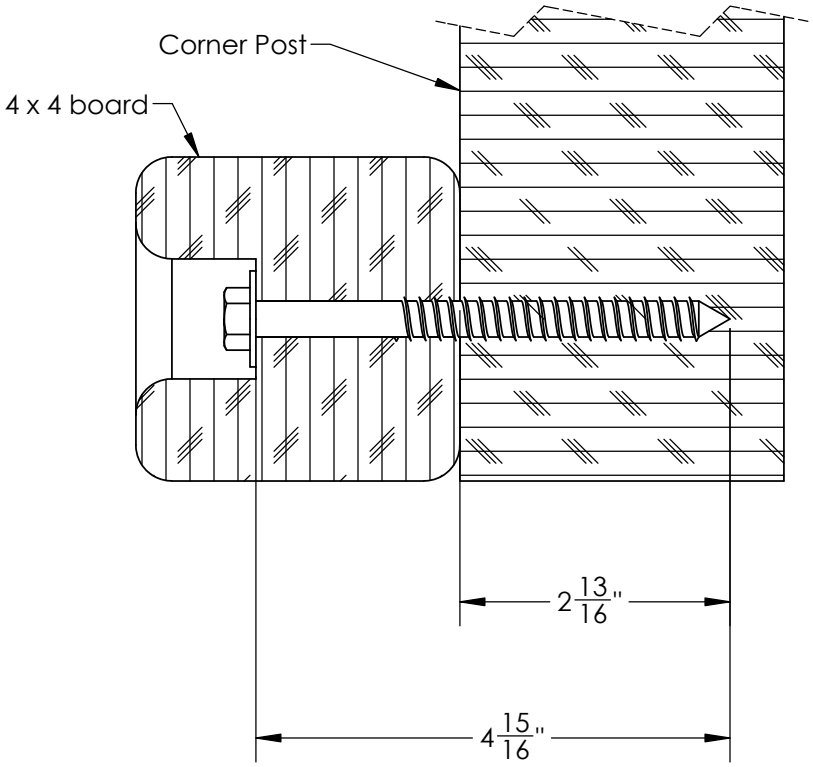
Example 5/16" diameter x 3-1/2" lag screw

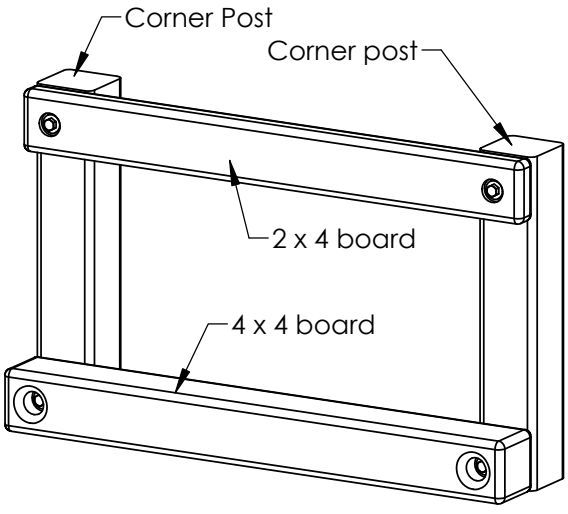
This would be like the 2 x 4 board installation shown below. Place the board into position. Spot Drill through the holes in the 2 x 4 board into the corner posts with an 9/64" drill bit. Remove the 2 x 4 board. Continue to drill the holes to a total depth of 2-5/16" as shown at the right. Install the 2 x 4 board.



Example 3/8" diameter x 5" lag screw

This would be like the 4 x 4 board installation shown below. Place the board into position. Spot drill through the holes in the 4 x 4 board into the corner posts with an 11/64" drill bit. Remove the 4 x 4 board. Continue to drill the holes to a total depth of 2-13/16" as shown at the right. Install the 4 x 4 board.





SWING BEAM LOADING

Weight Limits for Accessories:

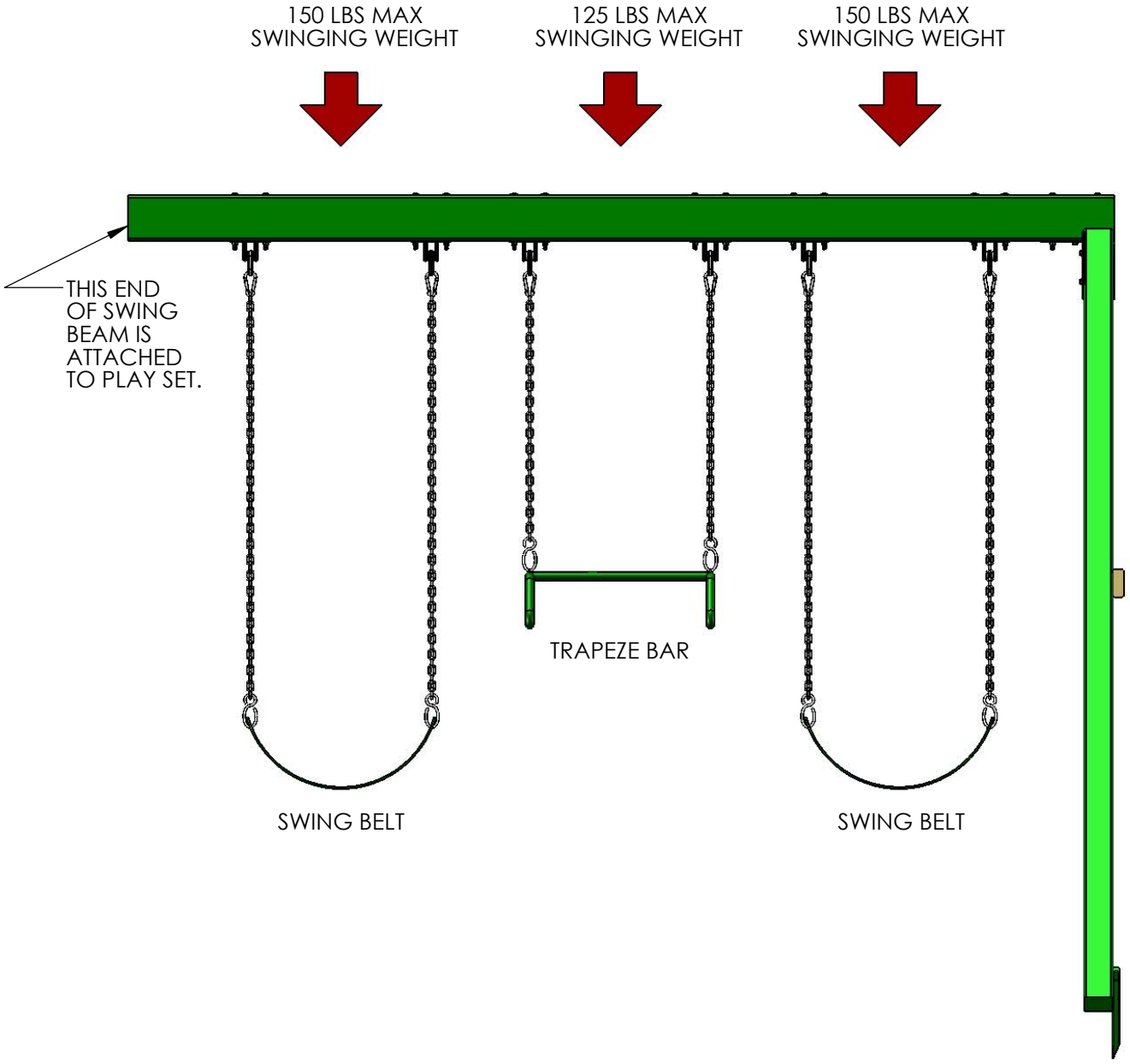
The weight limit for a Swing Belt is 225 lbs. (Although 150lbs is the maximum recommended swinging weight capacity for the swing position.)

The weight limit for a Trapeze Bar is 125 lbs.

Maximum Allowable swinging weight for a three position swing:

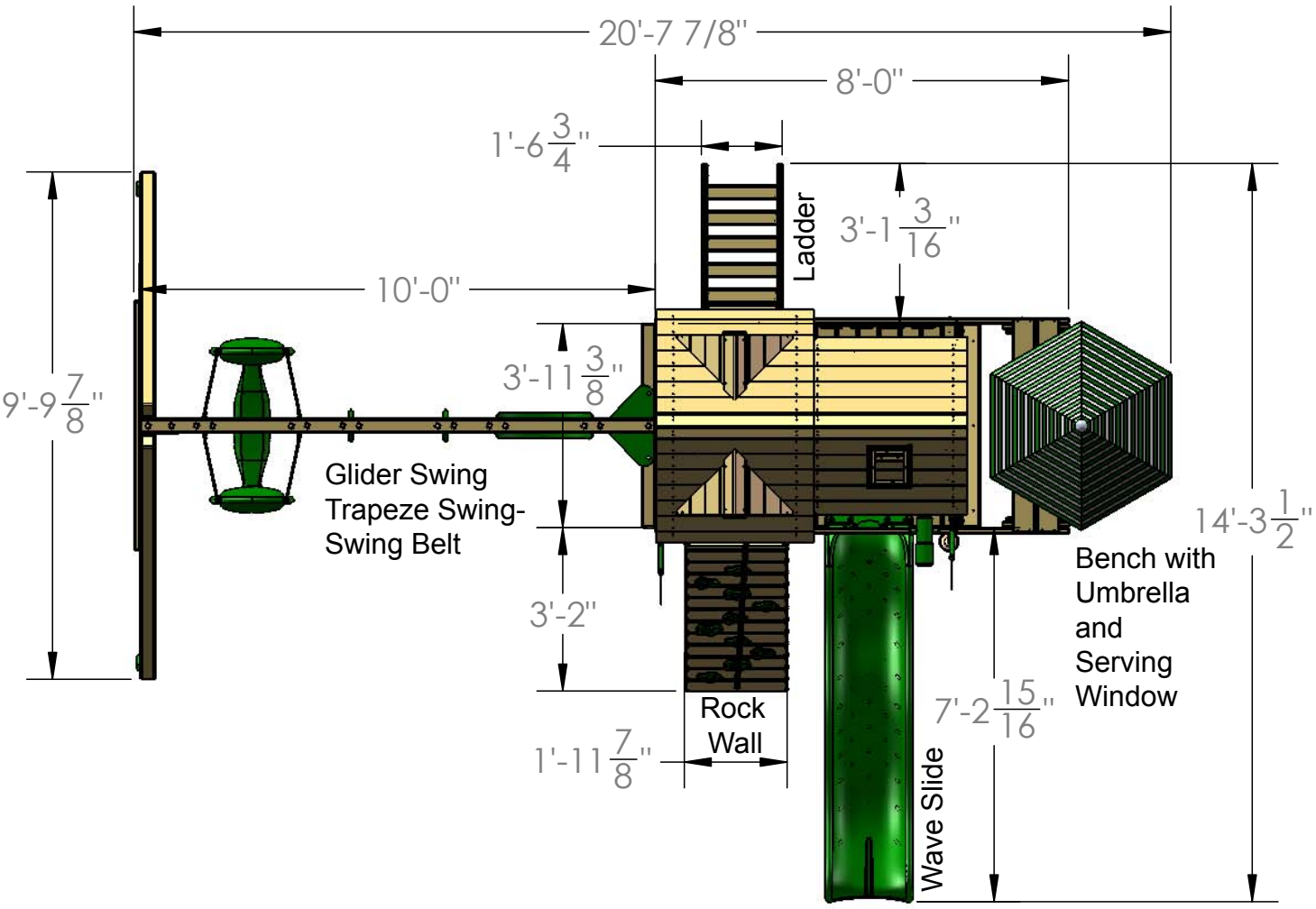
1) The maximum allowable swinging weight at each Swing Belt position is 150 lbs.
2) The maximum allowable swinging weight at the Trapeze position is 125 lbs.
3) The MAXIMUM SWING BEAM LOAD IS 425 lbs.

MAXIMUM SWING BEAM LOAD IS 425 LBS.



Please familiarize yourself with the manual, parts/components and general construction process of your new playset before getting started.

SITE PLAN:



Playset height: 11 feet - 4-3/4 inches
Deck height: 5 feet
Deck Size: 4 feet x 6 feet
Enclosed bottom - Playhouse Area: 4 feet x 3 feet
Swing Beam height: 7 feet - 7-1/4 inches

Approximate assembly time:16 to 24 hours

(6) foot unobstructed safety perimeter around playset recommended

REQUIRED TOOL LIST:

___ Standard or Cordless Drill w/ Phillips Bit (#2 square bit provided)
___ Drill Bits 1/8”, 3/8”, 9/64”, 11/64”
___ ½” Wrench and Socket
___ ½” Deep Well Socket
___ 9/16” Deep Well Socket
___ 9/16” Wrench and Socket
___ Level
___ Tape Measure
___ Extension Cord (if using standard drill)
___ Hammer
___ Pencil
___ Locking Pliers (Vise Grips)
___ Shovel

KIT CONTENTS

Swings, Slides, Accessories:

___ (Qty) Description
___ (1) Swingbelt w/ Chains
___ (1) Trapeze w/ Chains
___ (1) Glider w/Chains
___ (1) Wave Slide
___ (1) Telescope
___ (1) Green Crown
___ (2) Flag Kit
___ (1) Ground Stakes (pair)
___ (10) Climbing Rocks
___ (1) Tic Tac Toe
___ (1) Steering Wheel
___ (2) Safety Handles
___ (1) Telephone
___ (1) Dinner Bell
___ (1) Lemonade Stand Sign
___ (4) Window
___ (1) Umbrella

Fort Hardware:

see following pages

Swing Beam Hardware:

see following pages

Wood Components:

see following pages

#8 X 1-1/4"
WOOD SCREW
QTY: 84

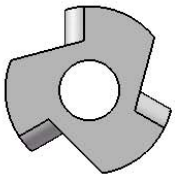
#8 X 1-1/2"
WOOD SCREW
QTY: 116

#8 X 1-3/4"
WOOD SCREW
QTY: 162

#8 X 2"
WOOD SCREW
QTY: 330

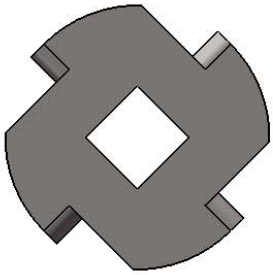
#8 X 2-1/2"
WOOD SCREW
QTY: 52

#8 X 3"
WOOD SCREW
QTY: 16

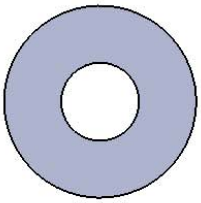


5/16" X 5/8" L TEE NUT
QTY: 48

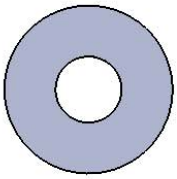
3/8" LOCK NUT
QTY: 19



TORQUE WASHER
QTY: 17



3/8" WASHER
QTY: 31



5/16" WASHER
QTY: 91

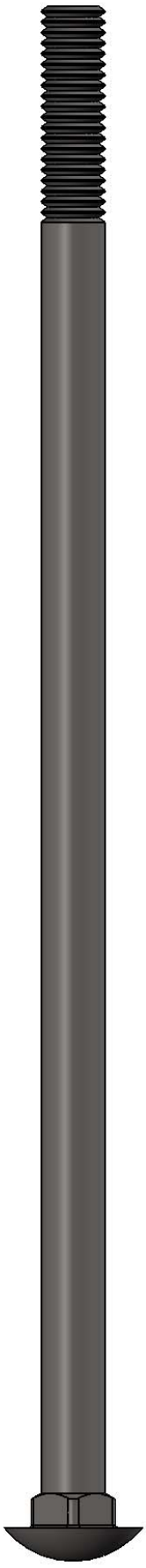
5/16 X 4-1/2"
HEX BOLT
QTY: 40

5/16 X 1-1/2"
HEX BOLT
QTY: 8

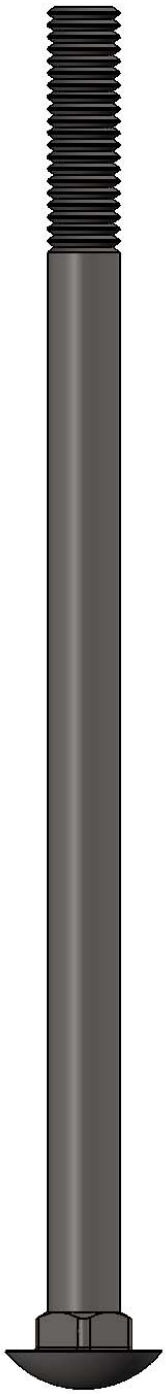
#14 X 1-1/4"
PAN HEAD SCREW
QTY: 4

USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.

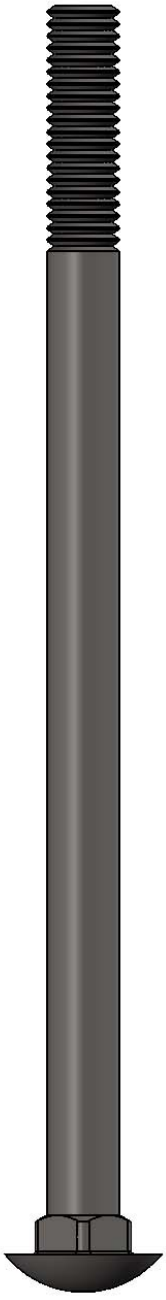
11-0055
2300 HARDWARE
PAGE 2 OF 2
REV C: 4/11/2014 JH



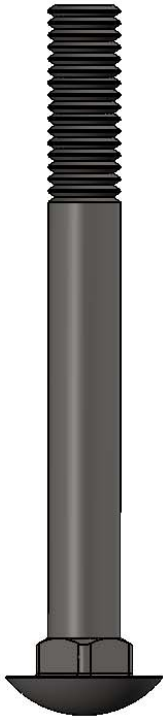
3/8 x 9"
CARRIAGE BOLT
QTY: 1



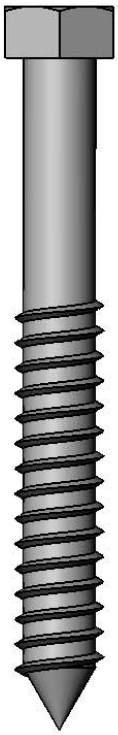
3/8 x 7"
CARRIAGE BOLT
QTY: 14



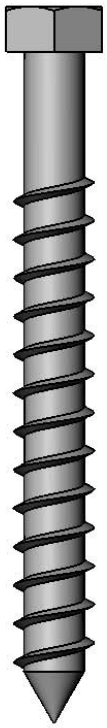
3/8 x 6-1/2"
CARRIAGE BOLT
QTY: 2



3/8 x 3-1/2"
CARRIAGE BOLT
QTY: 2



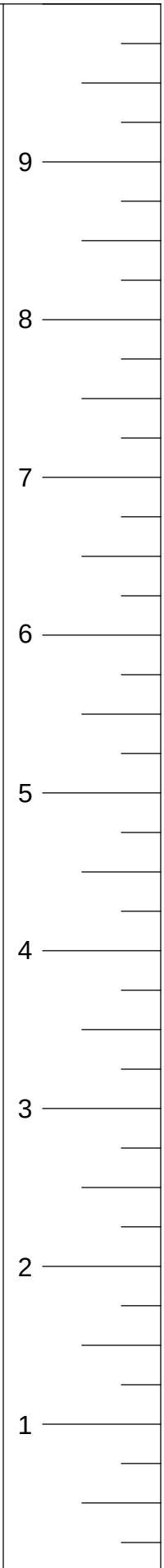
3/8 x 3-1/2"
LAG SCREW
QTY: 12



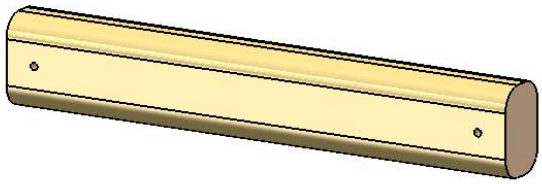
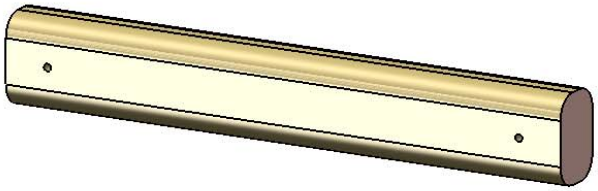
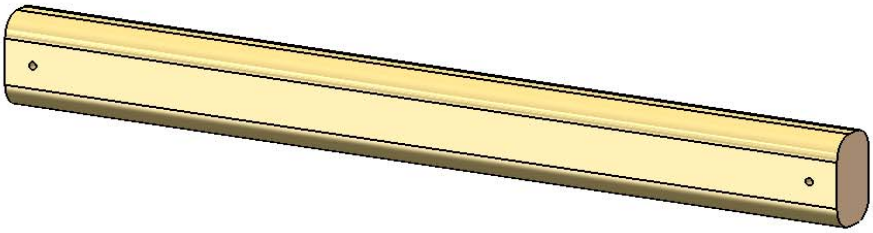
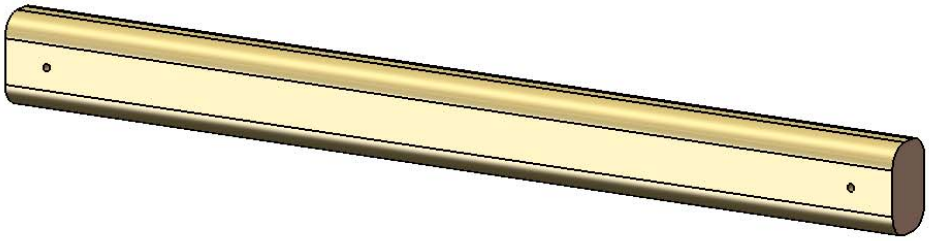
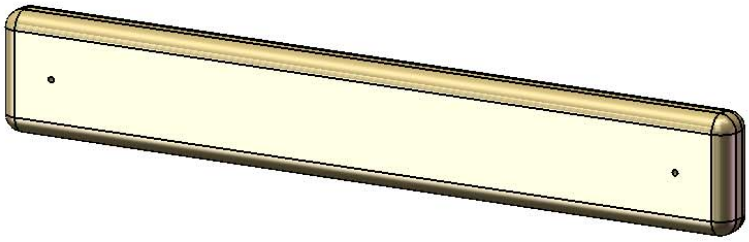
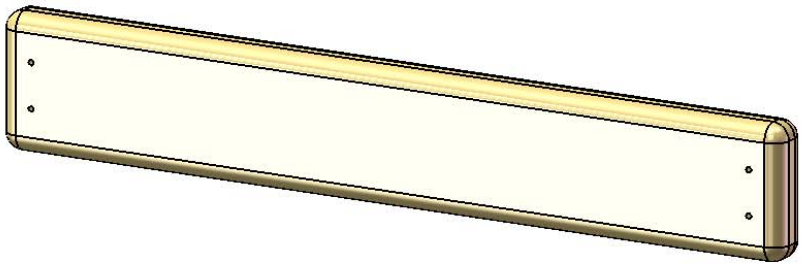
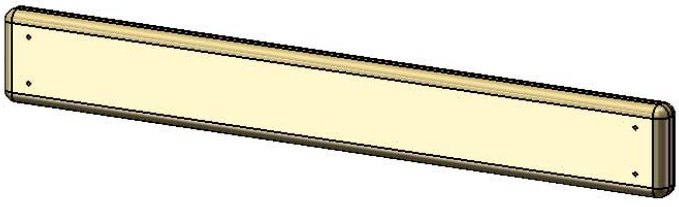
5/16 x 3-1/2"
LAG SCREW
QTY: 40

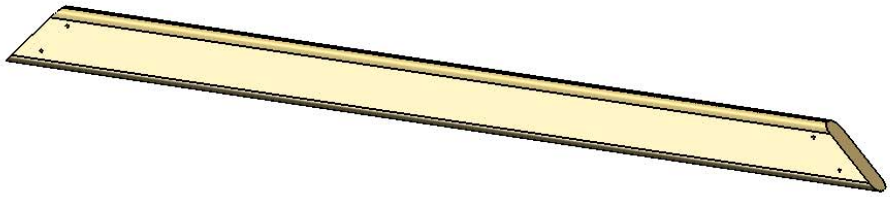
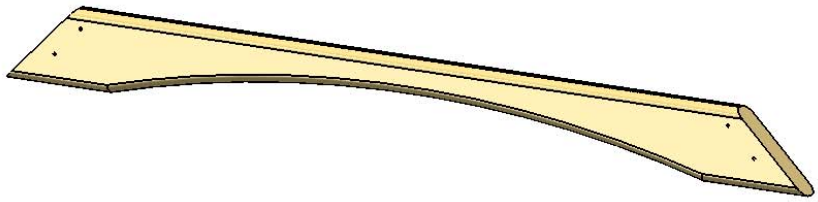
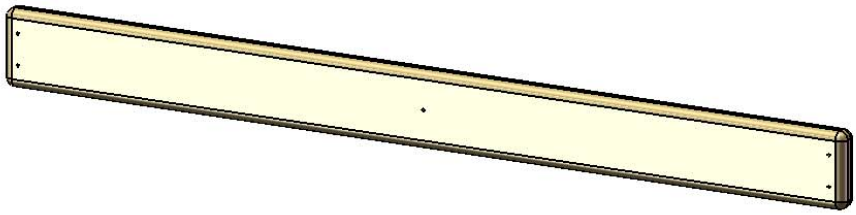
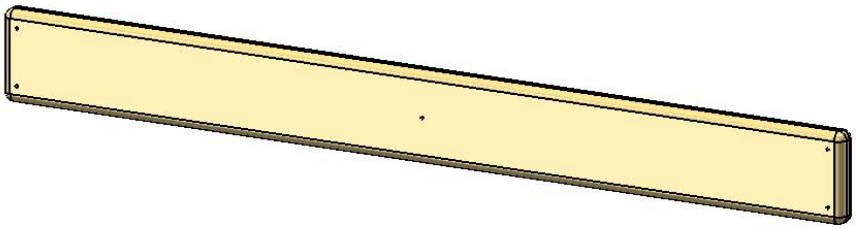
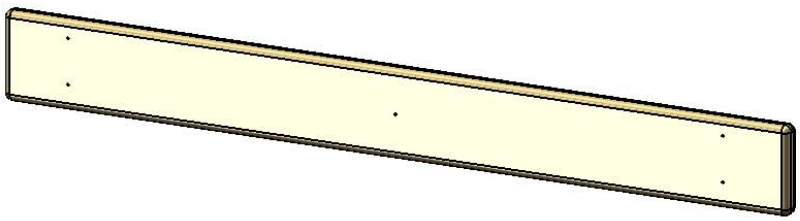
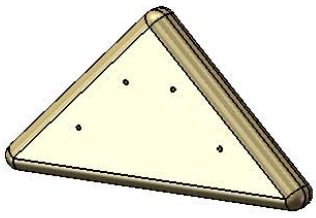
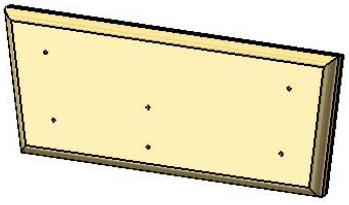
#2 SQUARE
DRIVE TIP
QTY:1

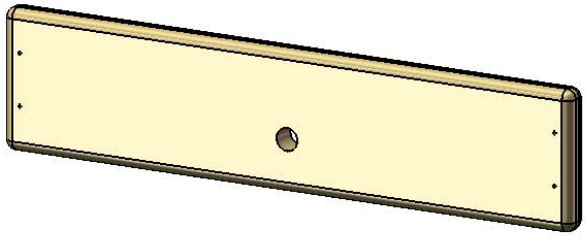
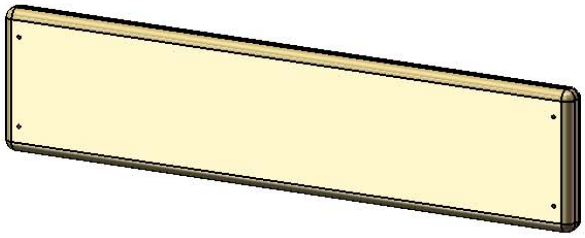
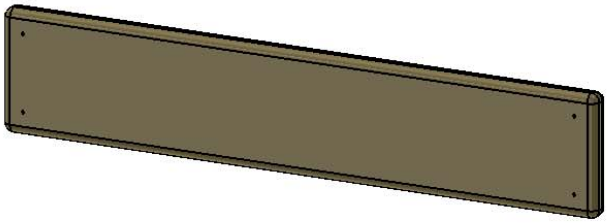
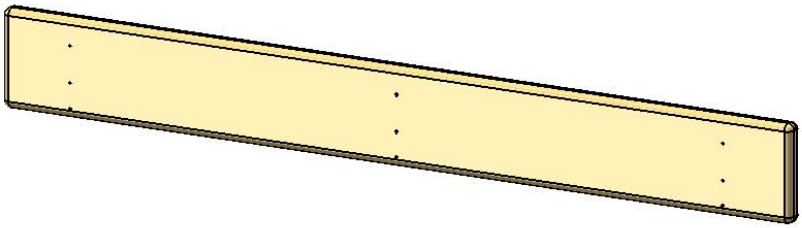
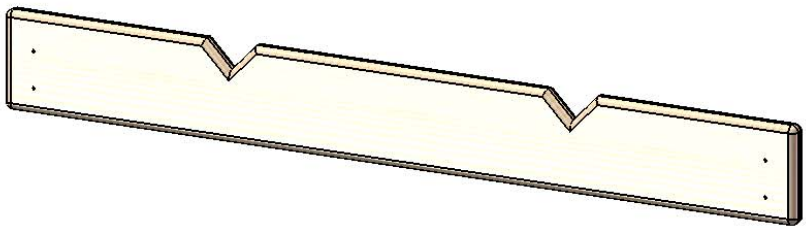
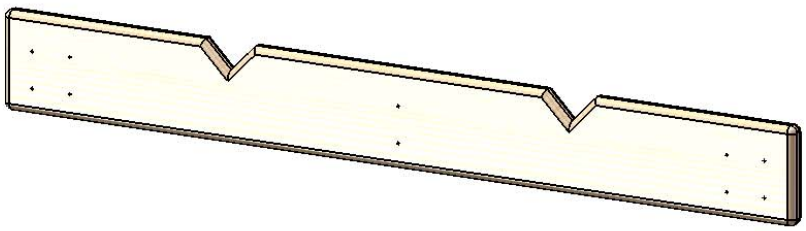
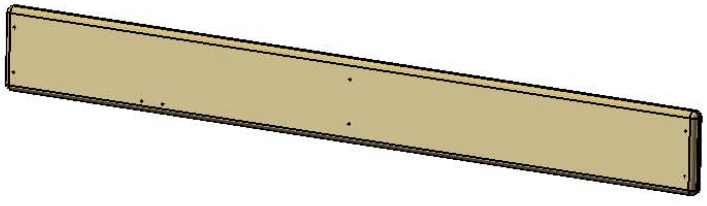
PLASTIC
BOLT CAP
QTY: 19

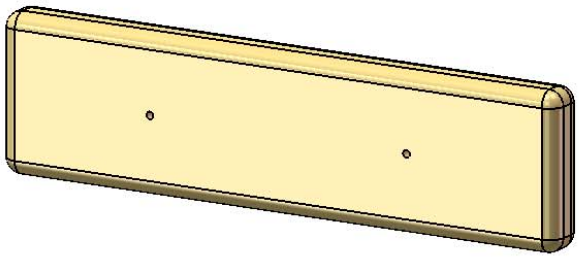
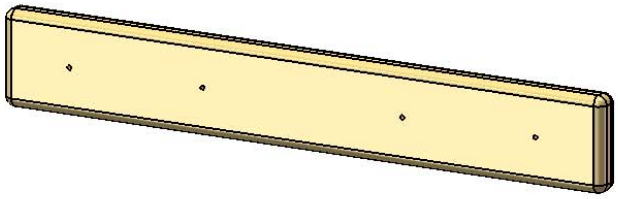
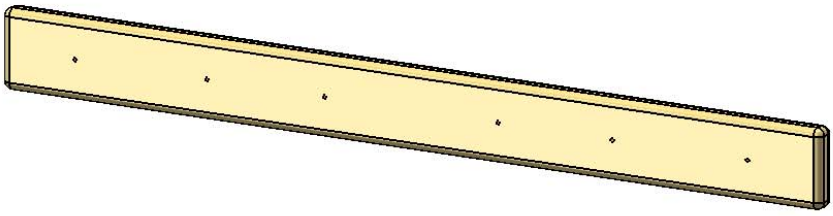
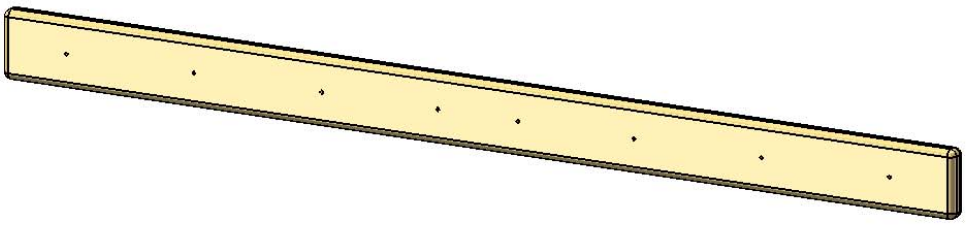
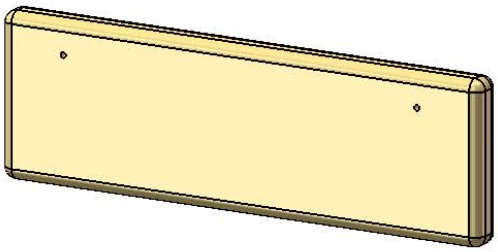
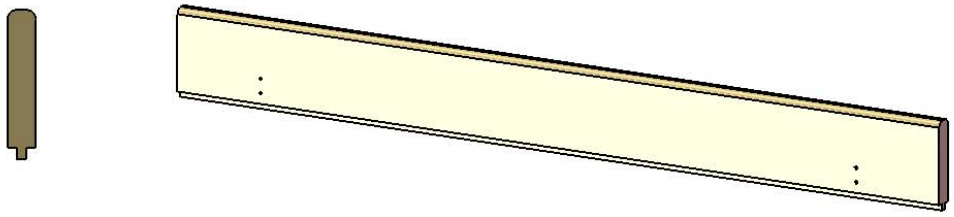
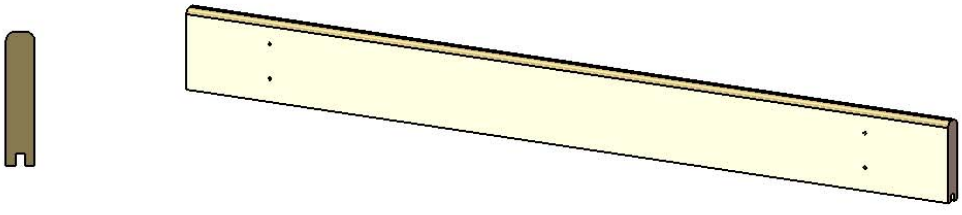


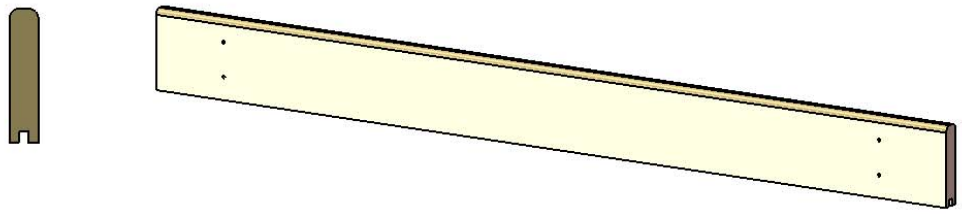
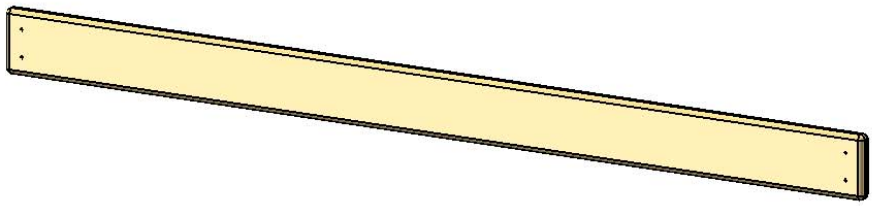
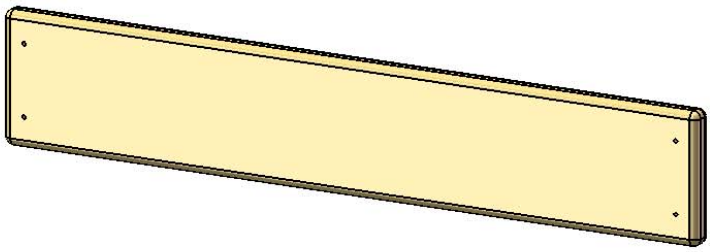
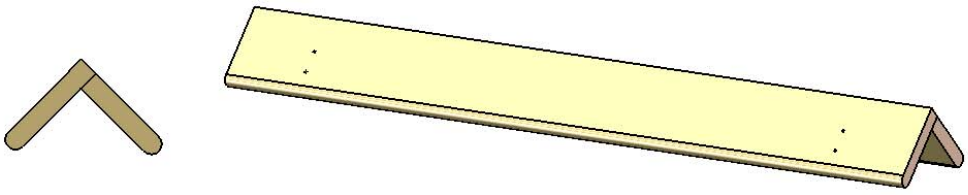
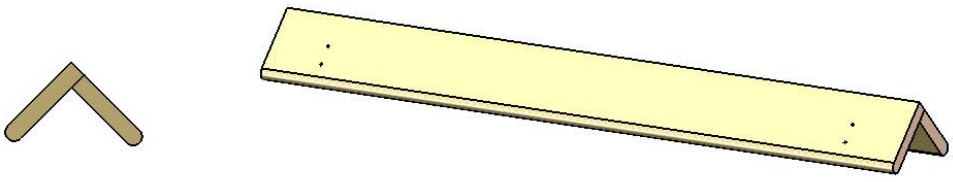
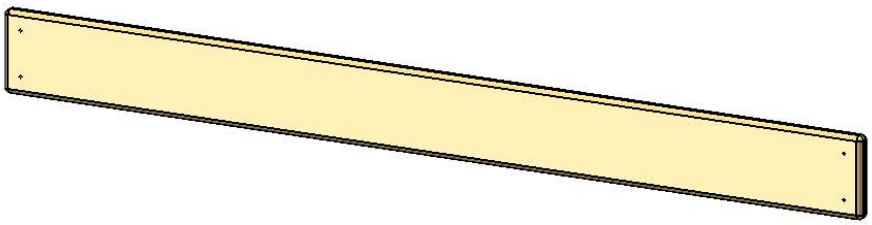
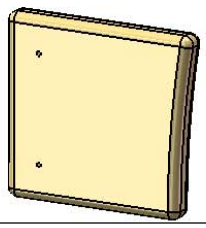
USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.

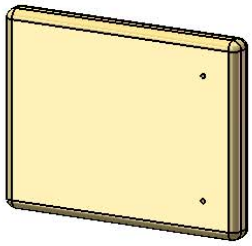
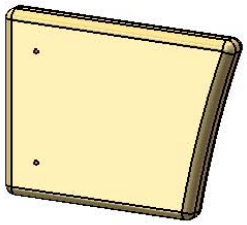
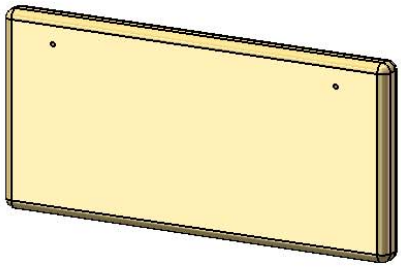
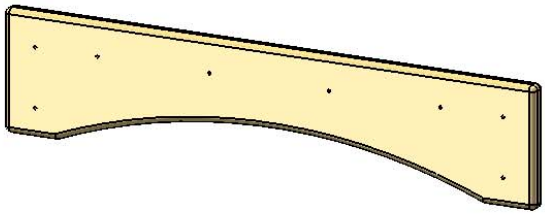
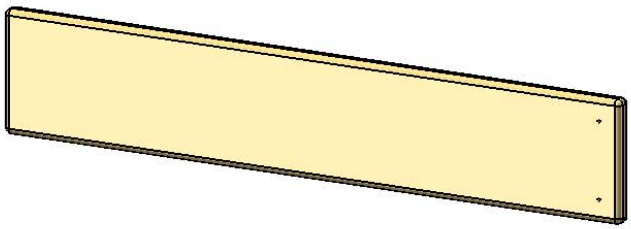
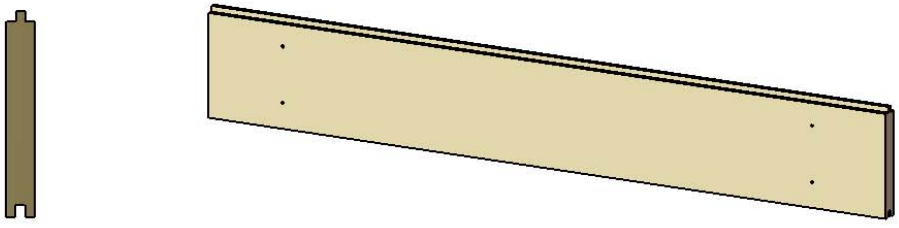
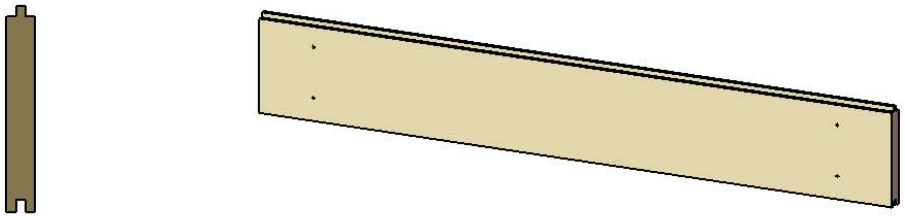
PICTURE	DESCRIPTION	QTY.
	5/4 X 2 X 9" LOWER ROOF RAY SUN **125-2-0900-LRRS**	**6**
	5/4 X 2 X 10" UPPER SMALL RAY **125-2-1000-USR**	**6**
	5/4 X 2 X 15" LOWER ROOF RAY SUN **125-2-1500-LRRS**	**1**
	5/4 X 2 X 16" UPPER LARGE RAY **125-2-1600-ULR**	**1**
	5/4 X 3 X 17-1/2" TIC TAC TOE MOUNT **125-3-1750-TTTM**	**2**
	5/4 X 3 X 18-3/4" LADDER BACK **125-3-1875-LB**	**1**
	5/4 X 3 X 23-7/8" ROCK WALL CAP **125-3-2376-RWC**	**1**

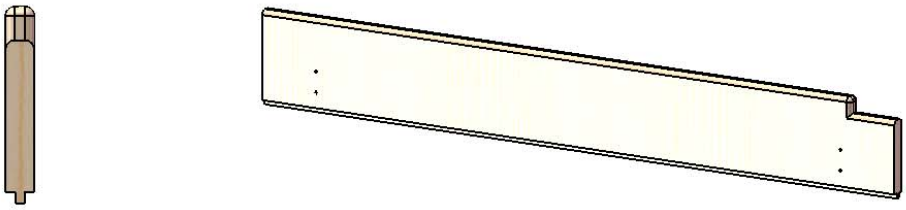
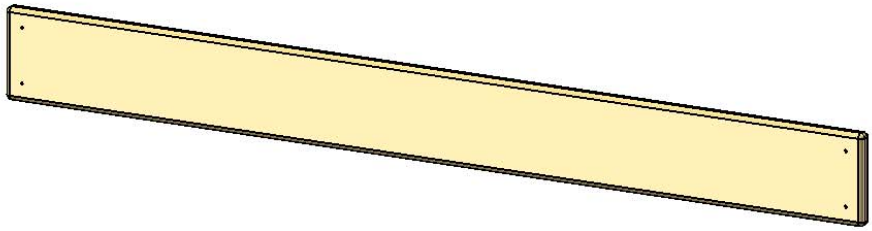
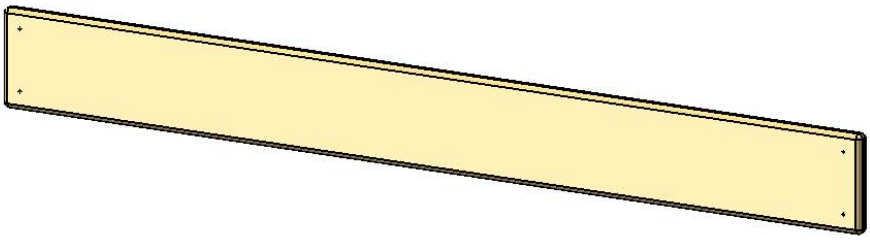
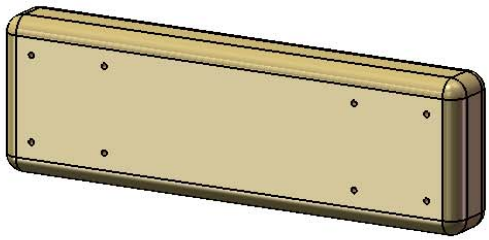
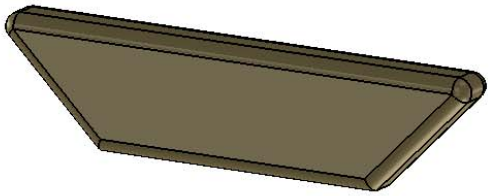
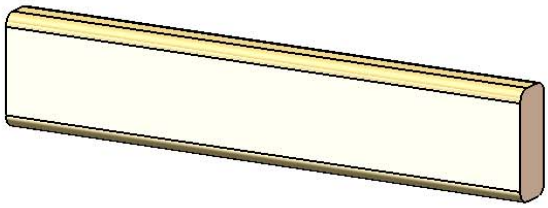
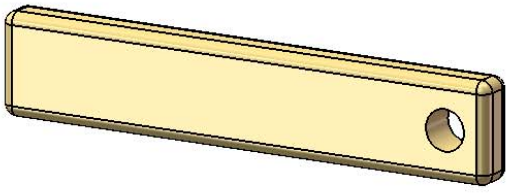
PICTURE	DESCRIPTION	QTY.
	5/4 X 3 X 42" UPPER SUN SUPPORT **125-3-4200-USS**	**1**
	5/4 X 4 X 38-1/2" LOWER ROOF SUN SUPPORT **125-4-3850-LRSS**	**1**
	5/4 X 4 X 40-3/8" DECK SPACER **125-4-4038-DS**	**2**
	5/4 X 5 X 40-3/8" DECK BOARD MIDDLE **125-5-4038-DBM**	**1**
	5/4 X 5 X 47-1/8" DECK BOARD **125-5-4713-DB**	**12**
	5/4 X 6 X 10" ROOF PEAK SUPPORT **125-6-1000-RPS**	**4**
	5/4 X 6 X 14" PICNIC TABLE LEG BRACE **125-6-1400-PTLB**	**2**

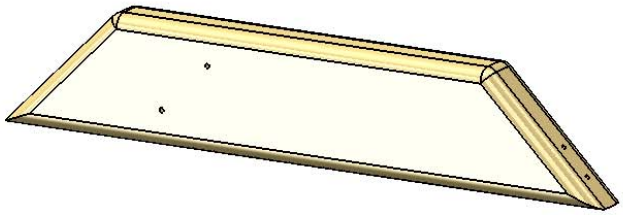
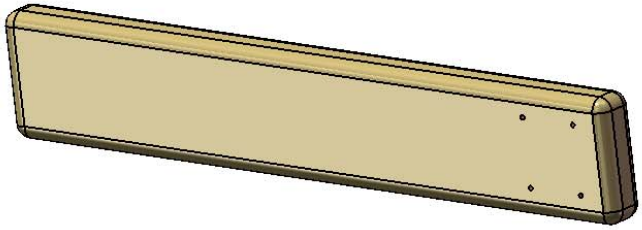
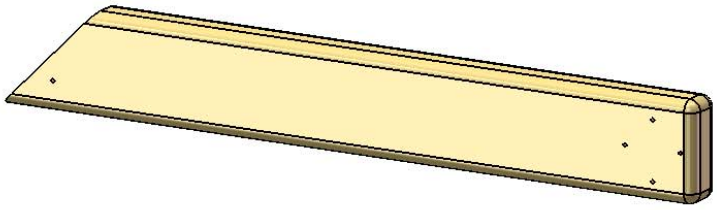
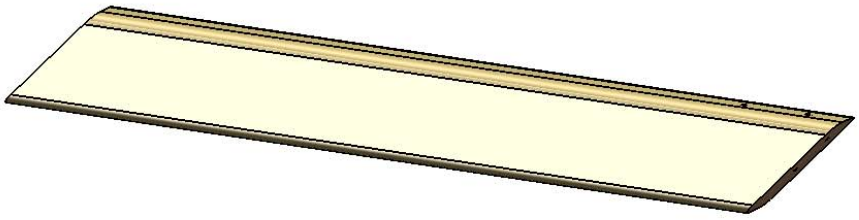
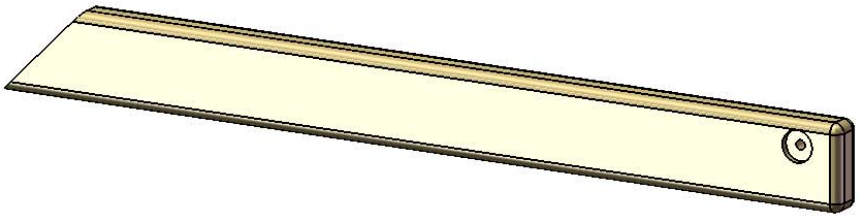
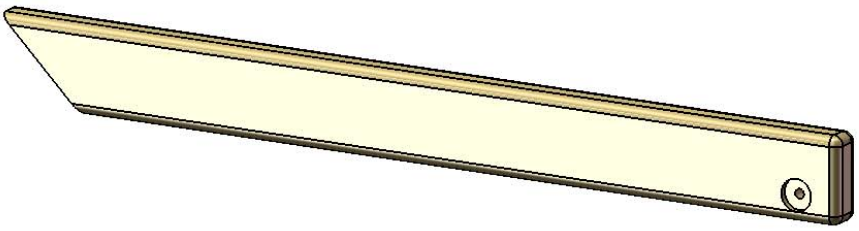
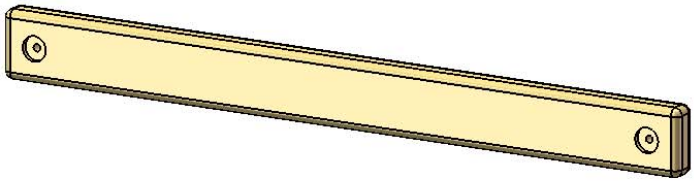
PICTURE	DESCRIPTION	QTY.
	5/4 X 6 X 23-7/8" BOTTOM ROCK WALL BOARD **125-6-2388-BRWB**	**1**
	5/4 X 6 X 23-7/8" ROCK WALL BOARD **125-6-2388-RWB**	**11**
	5/4 X 6 X 28-1/2" PANEL SLAT **125-6-2850-PS**	**13**
	5/4 X 6 X 47-3/8" PICNIC TABLE TOP BOARD **125-6-4738-PTTB**	**1**
	5/4 X 6 X 47-1/2" PICNIC TABLE WALL BOTTOM **125-6-4750-PTWB**	**3**
	5/4 X 6 X 47-1/2" PICNIC TABLE WALL TOP **125-6-4750-PTWT**	**1**
	5/4 X 6 X 50" PICNIC TABLE SEAT **125-6-5000-PTS**	**2**

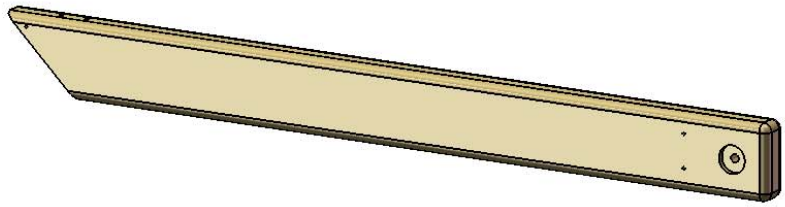
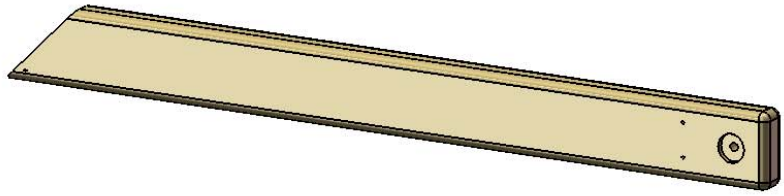
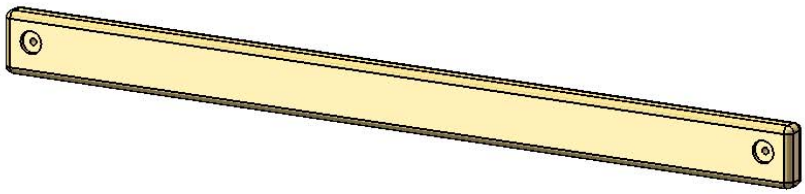
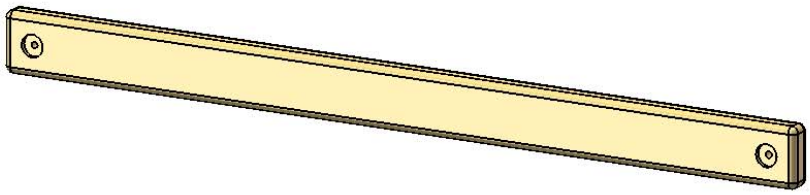
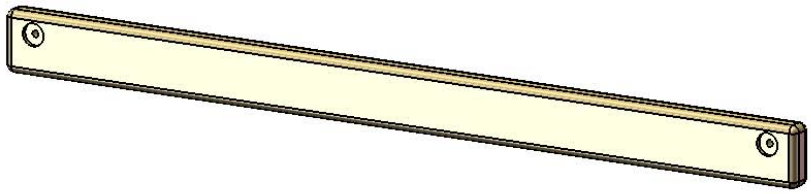
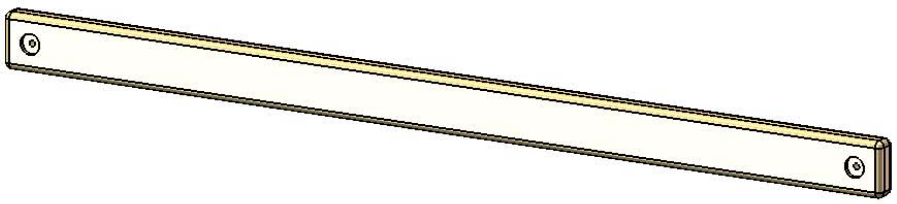
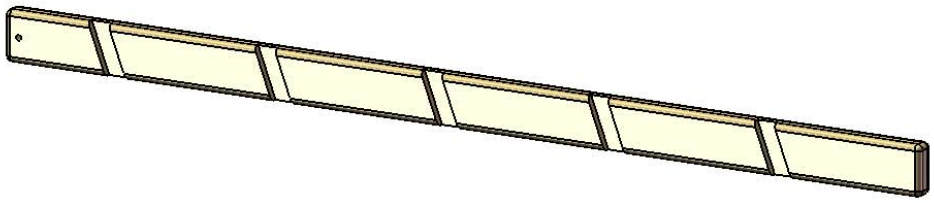
PICTURE	DESCRIPTION	QTY.
	1 X 3 X 10" DOOR SUPPORT **1-3-1000-DS**	**2**
	1 X 3 X 18" WALL PANEL BRACE **1-3-1800-WPB**	**2**
	1 X 3 X 29-1/2" WALL PANEL BRACE **1-3-2950-WPB**	**2**
	1 X 3 X 40" WALL PANEL BRACE **1-3-4000-WPB**	**1**
	1 X 4 X 11-1/2" UPPER WALL PANEL BOARD **1-4-1150-UWPB**	**1**
	1 X 4 X 36-5/8" UPPER ROOF FINISHER **1-4-3663-URF**	**2**
	1 X 4 X 36-5/8" UPPER ROOF STARTER **1-4-3663-URS**	**2**

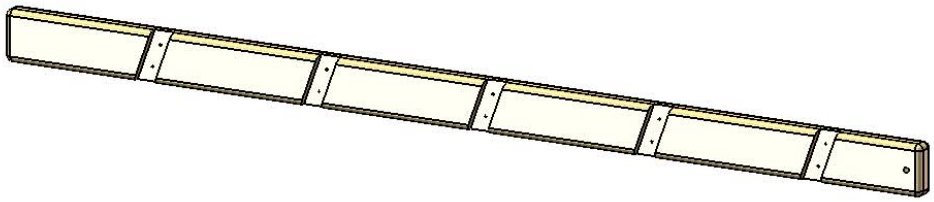
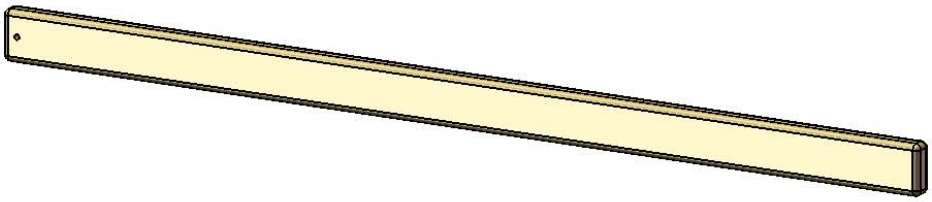
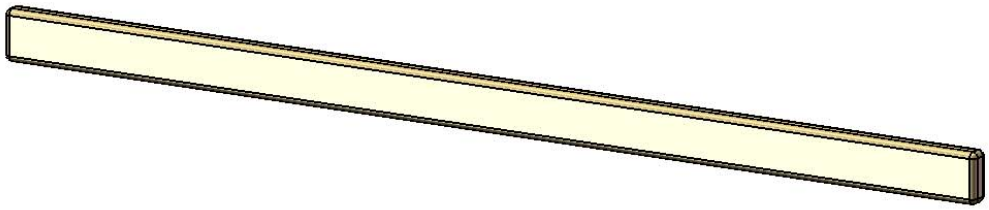
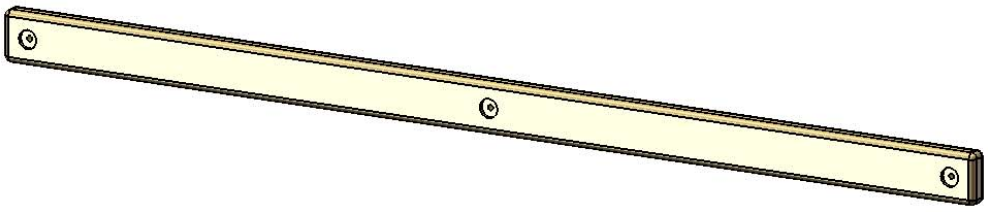
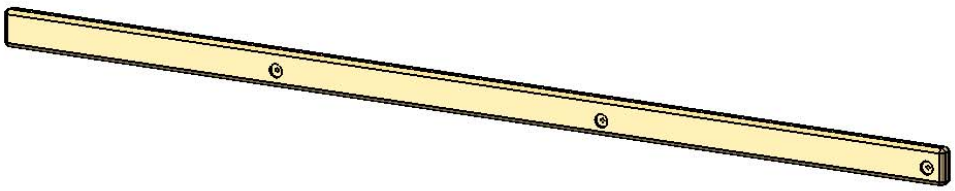
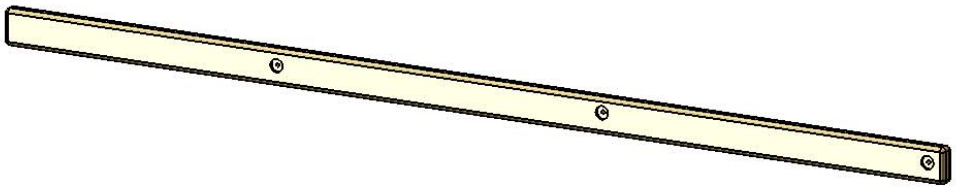
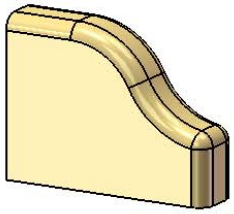
PICTURE	DESCRIPTION	QTY.
	1 X 4 X 38" LOWER ROOF STARTER **1-4-3800-LRS**	**2**
	1 X 4 X 51-1/2" WALL PANEL BOARD **1-4-5150-WPB**	**2**
	1 X 5 X 25" UPPER WALL PANEL BOARD **1-5-2500-UWPB**	**8**
	1 X 5 X 36-5/8" UPPER ROOF PEAK **1-5-3663-URP**	**1**
	1 X 5 X 38" LOWER ROOF PEAK **1-5-3800-LRP**	**1**
	1 X 5 X 51-1/2" WALL PANEL BOARD **1-5-5150-WPB**	**8**
	1 X 6 X 6" WALL PANEL BOARD DOOR 2 **1-6-0600-WPBD2**	**2**

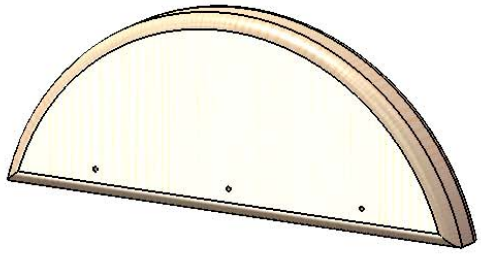
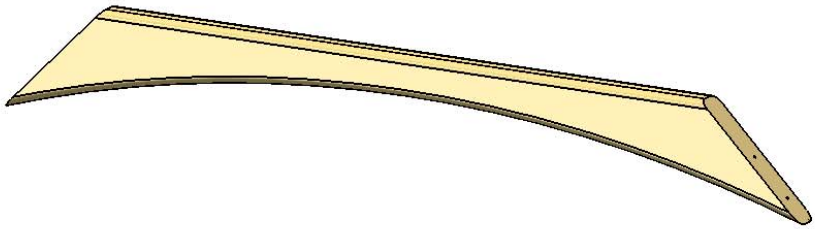
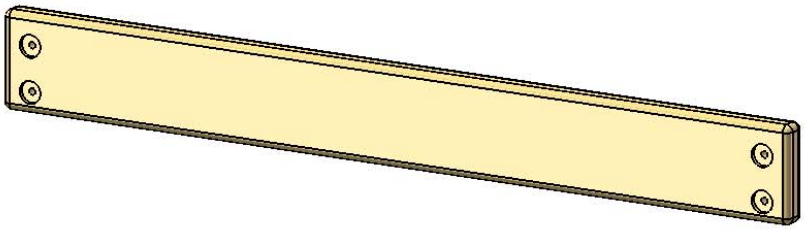
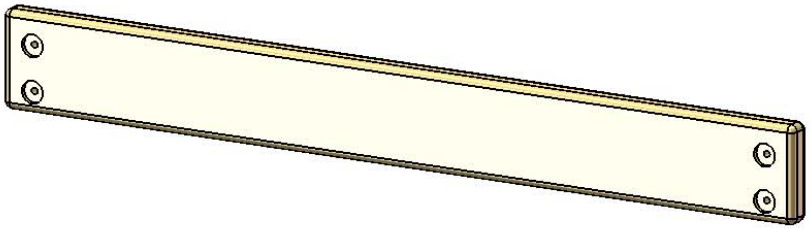
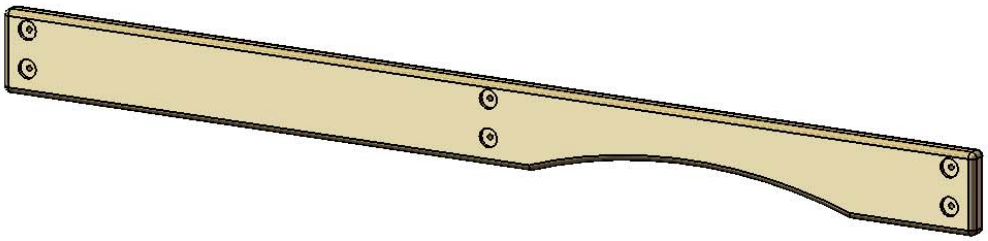
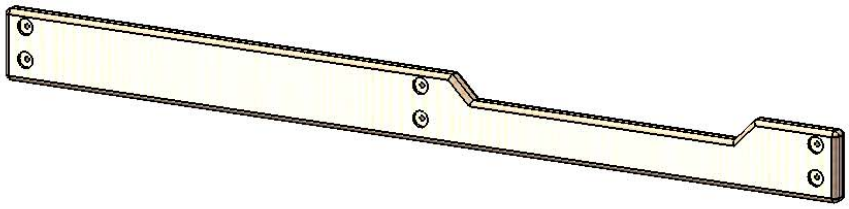
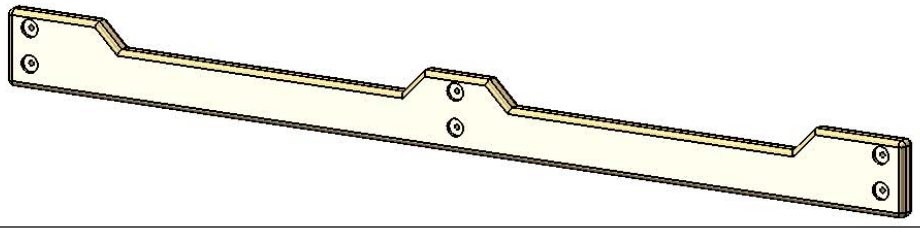
PICTURE	DESCRIPTION	QTY.
	1 X 6 X 7" WALL PANEL BOARD **1-6-0700-WPB**	**4**
	1 X 6 X 7" WALL PANEL BOARD DOOR 1 **1-6-0700-WPBD1**	**2**
	1 X 6 X 11-1/2" UPPER WALL PANEL BOARD **1-6-1150-UWPB**	**3**
	1 X 6 X 25" ARCH DOOR BOARD **1-6-2500-ADB**	**1**
	1 X 6 X 29-5/8" WALL PANEL BOARD **1-6-2963-WPB**	**4**
	1 X 6 X 36-5/8" UPPER ROOF BOARD **1-6-3663-URB**	**12**
	1 X 6 X 38" LOWER ROOF BOARD **1-6-3800-LRB**	**8**

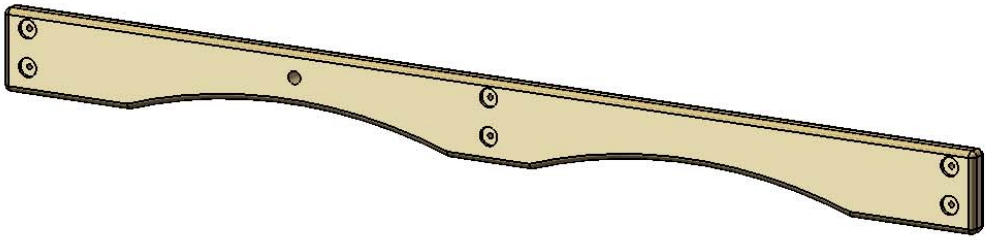
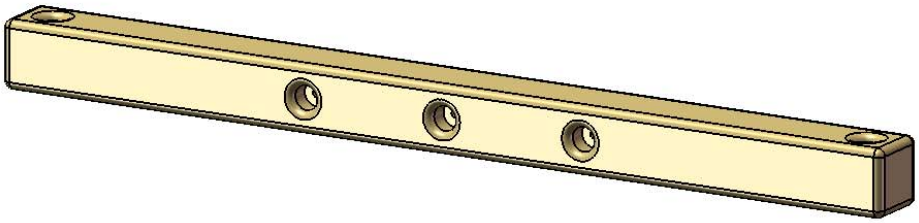
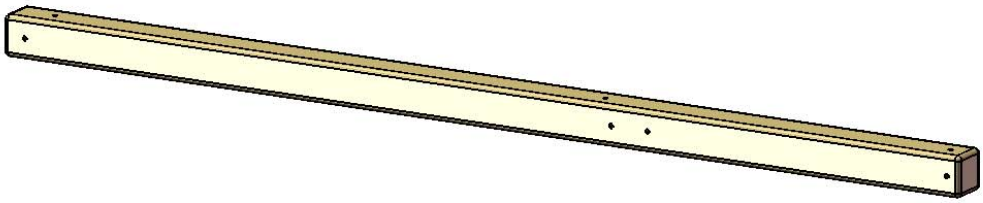
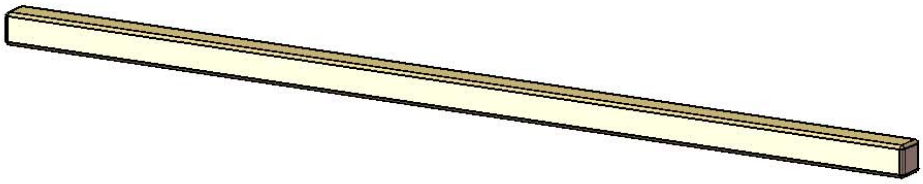
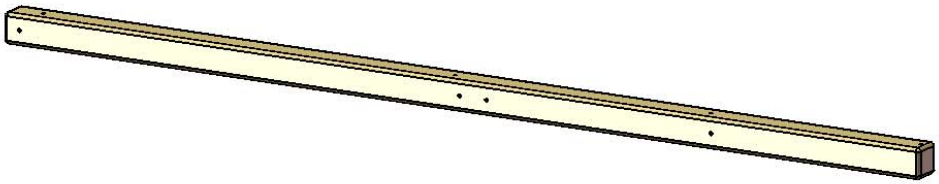
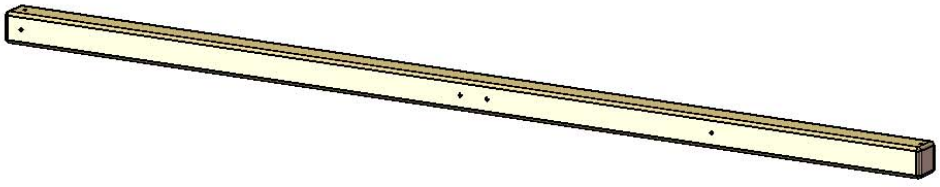
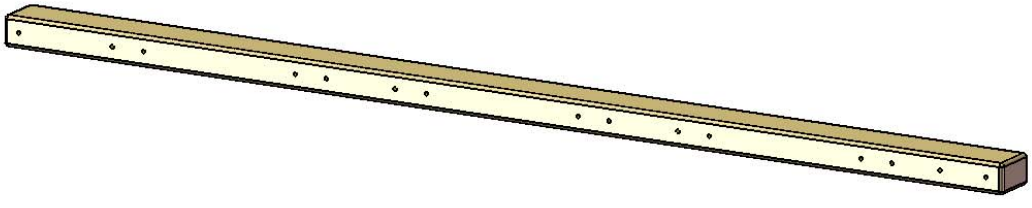
PICTURE	DESCRIPTION	QTY.
	1 X 6 X 38" LOWER ROOF FINISHER **1-6-3800-LRF**	**2**
	1 X 6 X 51-1/2" WALL PANEL BOARD DOOR **1-6-5150-WPBD**	**4**
	1 X 6 X 51-1/2" WALL PANEL BOARD **1-6-5150-WPB**	**6**
	2 X 4 X 11" PICNIC TABLE SEAT SUPPORT **2-4-1100-PTSS**	**2**
	2 X 4 X 15" PICNIC TABLE SEAT ANGLE SUPPORT **2-4-1500-PTSAS**	**2**
	2 X 4 X 17" LADDER STEP **2-4-1700-LS**	**5**
	2 X 4 X 17-1/2" PICNIC TABLE UMBRELLA SUPPORT **2-4-1750-PTUS**	**1**

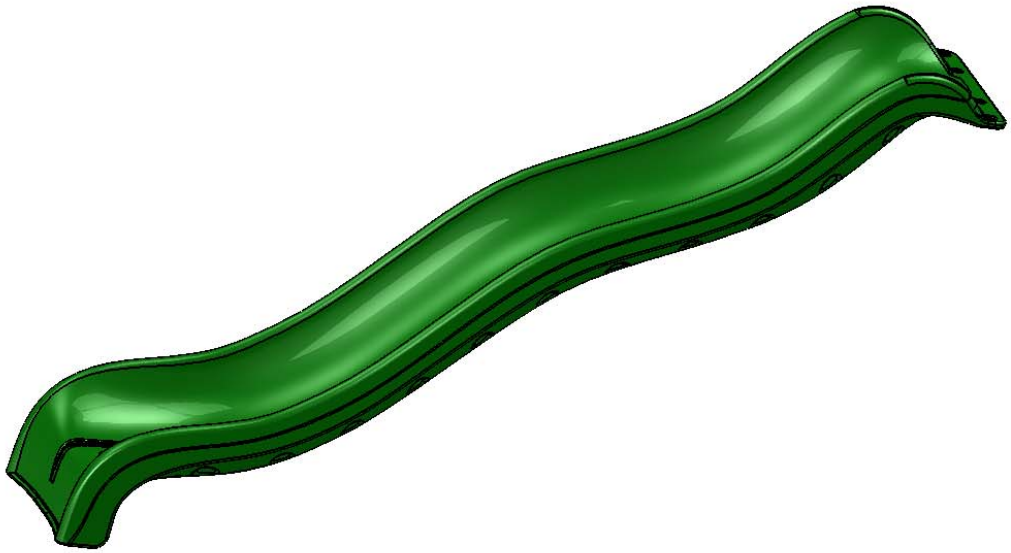
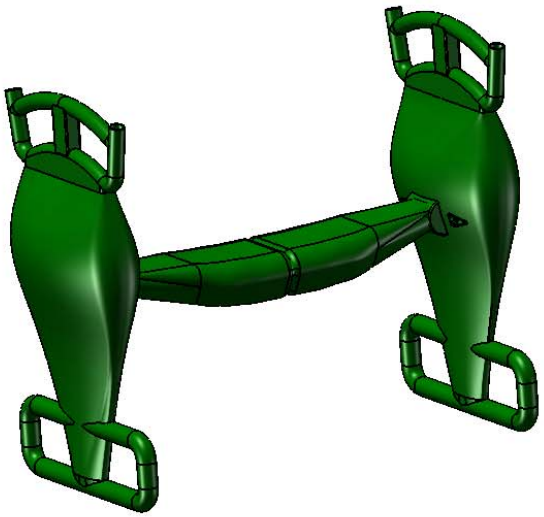
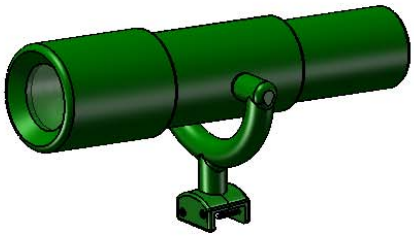
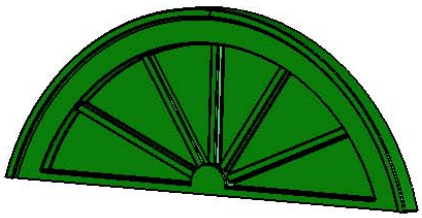
PICTURE	DESCRIPTION	QTY.
	2 X 4 X 18" ANGLE SUPPORT **2-4-1800-AS**	**2**
	2 X 4 X 18-1/2" PICNIC TABLE LEG **2-4-1850-PTL**	**4**
	2 X 4 X 25" VERTICAL LOWER ROOF SUPPORT **2-4-2500-VLRS**	**2**
	2 X 4 X 30-1/8" LOWER ROOF SUPPORT **2-4-3013-LRS**	**4**
	2 X 4 X 35-1/4" UPPER ROOF SUPPORT LEFT **2-4-3524-URSL**	**2**
	2 X 4 X 35-1/4" UPPER ROOF SUPPORT RIGHT **2-4-3524-RSR**	**2**
	2 X 4 X 36-1/2" WALL PANEL BOARD **2-4-3650-WPB**	**4**

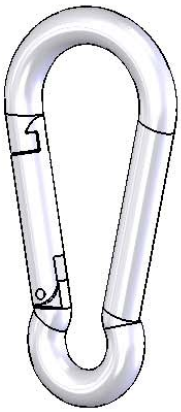
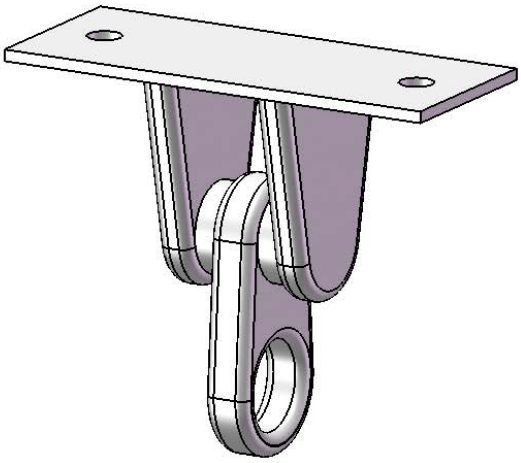
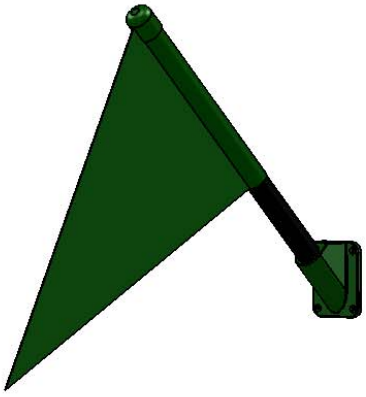
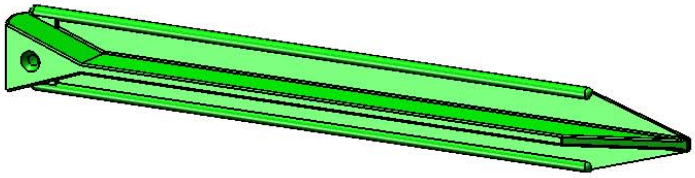
PICTURE	DESCRIPTION	QTY.
	2 X 4 X 36-5/8" LOWER ROOF SUPPORT LEFT **2-4-3663-LRSL**	**1**
	2 X 4 X 36-5/8" LOWER ROOF SUPPORT RIGHT **2-4-3663-LRSR**	**1**
	2 X 4 X 47-1/4" BOTTOM PANEL BOARD DOOR **2-4-4725-BPBD**	**1**
	2 X 4 X 47-1/2" TOP WALL PANEL BOARD **2-4-4750-TWPB**	**2**
	2 X 4 X 47-1/2" BOTTOM BOARD **2-4-4750-BB**	**2**
	2 X 4 X 58" SWING CROSS MEMBER **2-4-5800-SCM**	**1**
	2 X 4 X 66" LADDER LEFT SIDE **2-4-6600-LLS**	**1**

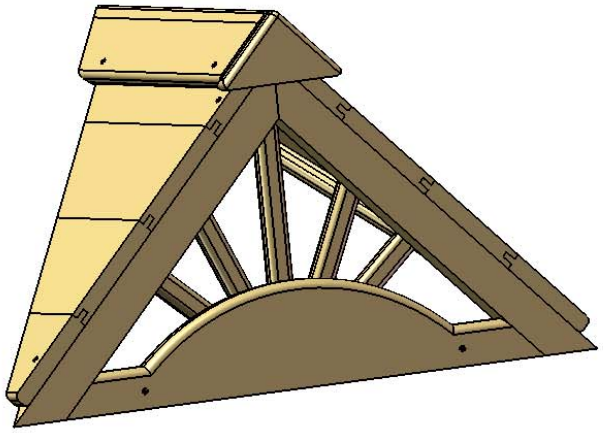
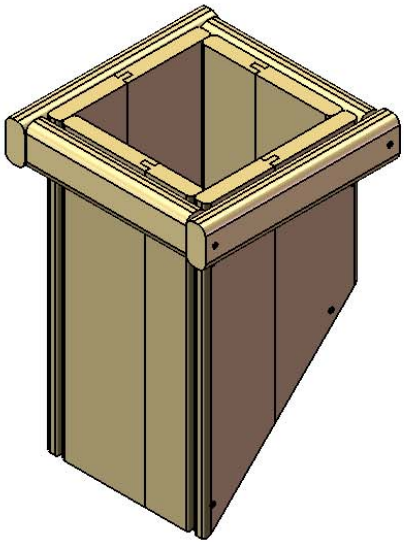
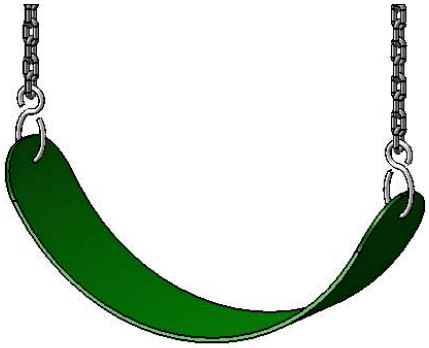
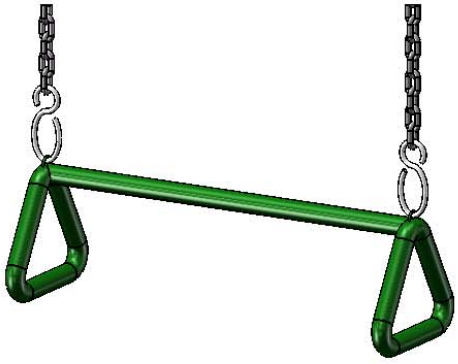
PICTURE	DESCRIPTION	QTY.
	2 X 4 X 66" LADDER RIGHT SIDE **2-4-6600-LRS**	**1**
	2 X 4 X 66" ROCK WALL SIDE **2-4-6600-RWS**	**2**
	2 X 4 X 70" CENTER DECK SUPPORT **2-4-7000-CDS**	**1**
	2 X 4 X 70" DECK SUPPORT **2-4-7000-DS**	**2**
	2 X 4 X 96" SANDBOX BOARD LEFT **2-4-9600-SBL**	**1**
	2 X 4 X 96" SANDBOX BOARD RIGHT **2-4-9600-SBR**	**1**
	2 X 5 X 5-3/8" PICNIC TABLE SUPPORT **2-5-0538-PTS**	**3**

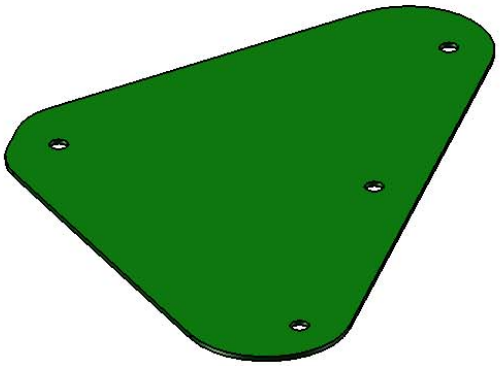
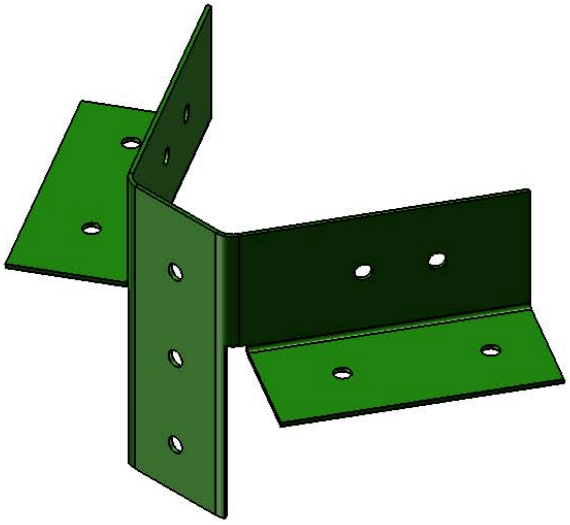
PICTURE	DESCRIPTION	QTY.
	2 X 6 X 16" SUN **2-6-1600-S**	**2**
	2 X 6 X 43-1/8" UNDER SUN SUPPORT **2-6-4313-USS**	**1**
	2 X 6 X 47-1/4" BOTTOM SANDBOX BOARD **2-6-4725-BSB**	**1**
	2 X 6 X 47-1/2" END SANDBOX/ PANEL BOARD **2-6-4750-ESPB**	**4**
	2 X 6 X 70" BACK TOP PANEL BOARD **2-6-7000-BTPB**	**1**
	2 X 6 X 70" BACK FACE BOARD **2-6-7000-BFB**	**1**
	2 X 6 X 70" FRONT FACE BOARD **2-6-7000-FFB**	**1**

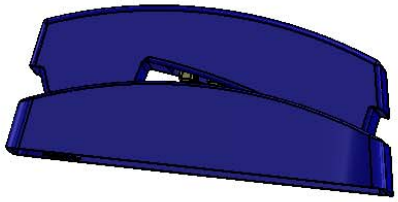
PICTURE	DESCRIPTION	QTY.
	2 X 6 X 70" FRONT TOP PANEL BOARD **2-6-7000-FTPB**	**1**
	4 X 4 X 47-1/2" SWING BEAM MOUNT **4-4-4750-SBM**	**1**
	4 X 4 X 86-1/8" CORNER POST RIGHT **4-4-8613-CPR**	**2**
	4 X 4 X 108" SWING LEGS **4-4-10800-SL**	**2**
	4 X 4 X 110" CORNER POST LEFT **4-4-11000-CPL**	**2**
	4 X 4 X 110" CORNER POST MIDDLE **4-4-11000-CPM**	**2**
	4 X 6 X 120" SWING BEAM **4-6-12000-SB**	**1**

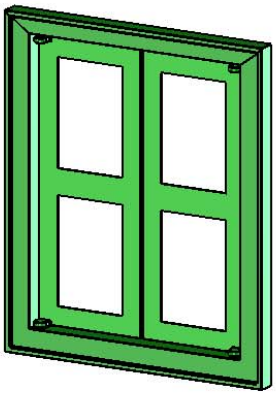
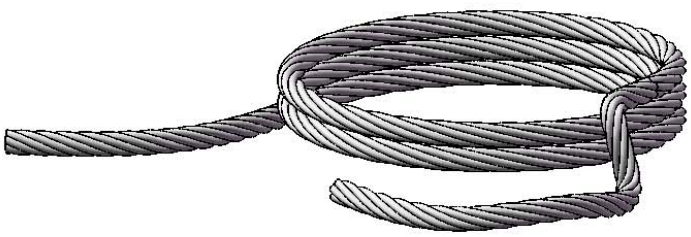
PICTURE	DESCRIPTION	QTY.
	WAVE SLIDE **03-0013**	**1**
	GLIDER **04-0020**	**1**
	TELESCOPE **07-0001**	**1**
	CROWN **07-0019**	**1**
	90° GREEN BRACKET **11-5013**	**4**

PICTURE	DESCRIPTION	QTY.
	SPRING CLIP **11-4003**	**6**
	IRON DUCTILE SWING HANGER **11-4012**	**6**
	FLAG KIT **09-1014**	**2**
	GROUND STAKE (2 STAKES ARE IN ONE BAG) **07-0016**	**1PR**

PICTURE	DESCRIPTION	QTY.
	UNASSEMBLED DORMER (110 BOX OR 1513 BOX)	**2**
	UNASSEMBLED CHIMNEY (110 BOX OR 1513 BOX)	**1**
	SWING W/CHAINS **04-0002**	**1**
	TRAPEZE BAR W/CHAINS **04-0006**	**1**

PICTURE	DESCRIPTION	QTY.
	SWING PLATE **11-5002**	**1**
	CLIMBING ROCK (5 ROCKS ARE IN ONE BAG) **07-0008**	**10** **ROCKS**
	A-FRAME SWING LEG BRACKET **11-5010**	**1**
HARDWARE BOX: 2300	HARDWARE BOX **11-0055**	**1**

PICTURE	DESCRIPTION	QTY.
(NOT SHOWN)	MANUFACTURER LOGO PLATE	**1**
	TIC TAC TOE (UNASSEMBLED) **07-0010**	**1**
	STEERING WHEEL **07-0004**	**1**
	SAFETY HANDLE (2 HANDLES ARE IN ONE BAG) **07-0005**	**2**
	TELEPHONE **07-0014**	**1**

PICTURE	DESCRIPTION	QTY.
	DINNER BELL **09-0001**	1
	LEMONADE STAND SIGN **07-0024**	**1**
	WINDOW **07-0013**	**4**
	10' ROCK WALL ROPE	**1**

PICTURE	DESCRIPTION	QTY.
	UMBRELLA **09-0013**	**1**

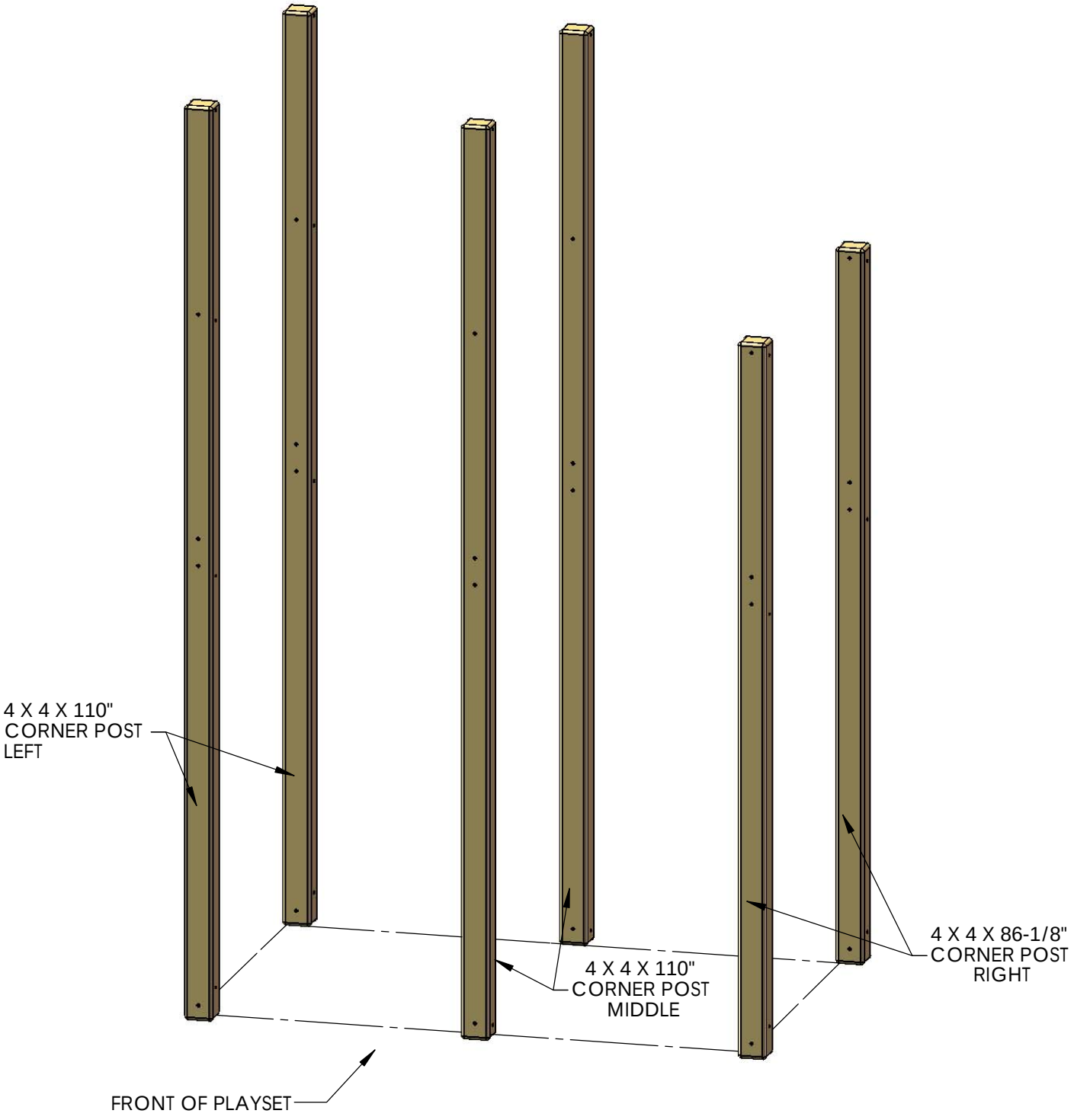
STEP 1: CORNER POST LAYOUT

1: THIS STEP IS CRITICAL TO BUILDING THE FORT PROPERLY. IF ANY MISTAKES ARE MADE HERE, YOU WILL NEED TO DIS-ASSEMBLE AND THE RE-ASSEMBLE TO MAKE YOUR CORRECTIONS.

2: LAY OUT EACH OF THE 4 X 4 X 86-1/8" CORNER POST RIGHT, 4 X 4 X 110" CORNER POST MIDDLE AND 4 X 4 X 110" CORNER POST LEFT IN THE AREA YOU INTEND ON BUILDING THE FORT SIDE OF THE PLAYSET.

3: USE THE DIAGRAM BELOW TO CORRECTLY IDENTIFY AND ORIENT THE NECESSARY DIRECTION THE POST SHOULD FACE.

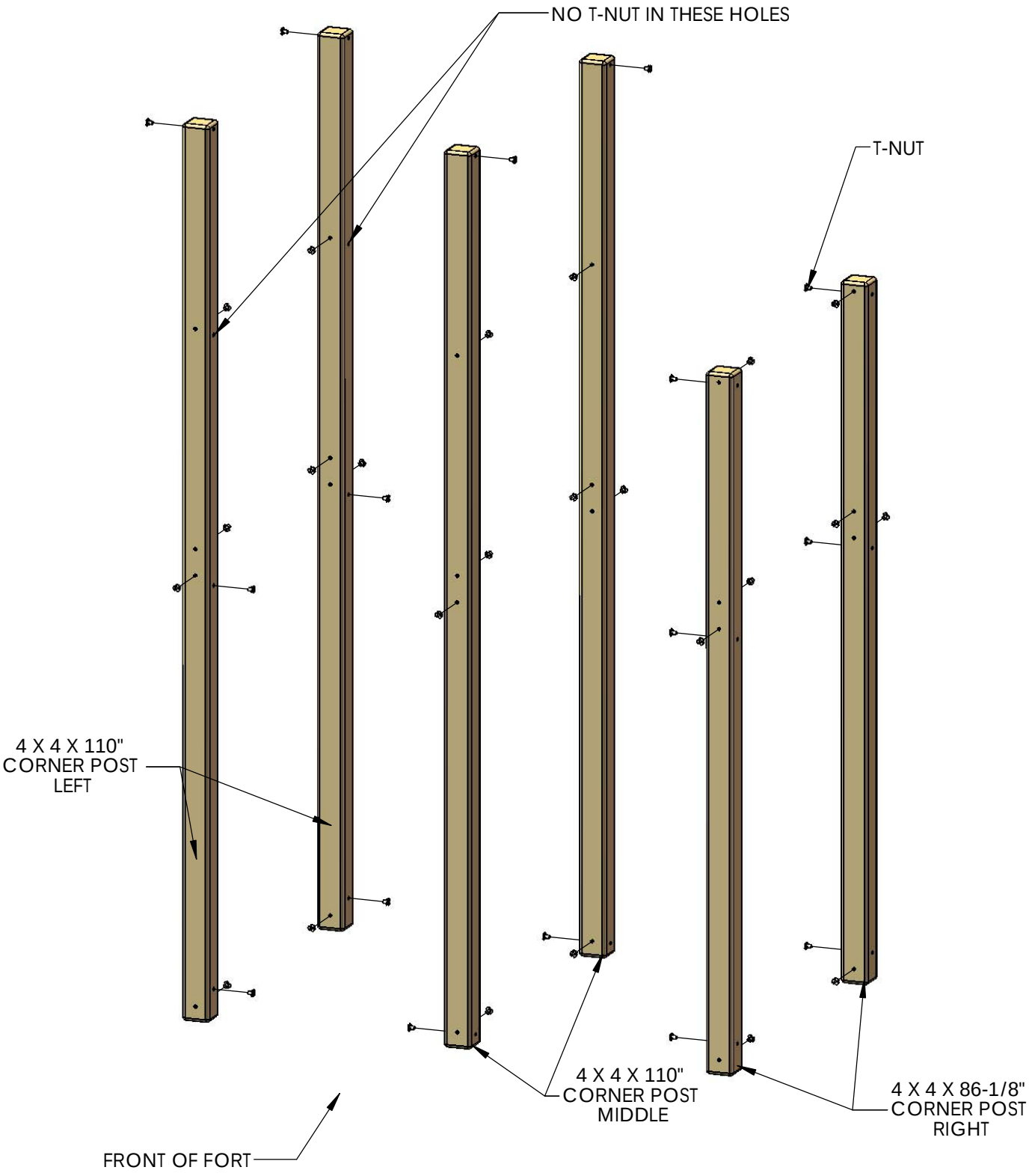
NOTE: THE SLIDE SIDE IS CONSIDERED THE FRONT OF THE PLAYSET WITH THE SWINGBEAM EXTENDING OFF THE LEFT SIDE.



STEP 2: INSERTING T-NUTS INTO CORNER POSTS

1: USE A HAMMER TO SEAT THE T-NUTS AFTER INSERTING THEM INTO THE HOLES SHOWN IN THE DIAGRAM BELOW.

2: THE BARREL OF THE T-NUT SHOULD GO IN THE HOLE FIRST. HAMMER THE T-NUT UNTIL IT IS FLUSH/ALMOST FLUSH TO THE CORNER POSTS.



STEP 3: ASSEMBLING THE RIGHT SIDE FRAME

1: LAY THE 2 X 6 X 47-1/4" BOTTOM SANDBOX BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS AT THE BOTTOM OF THE CORNER POSTS. THE HOLES IN THE SANDBOX BOARD MUST BE OFFSET DOWN.

2: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THET-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

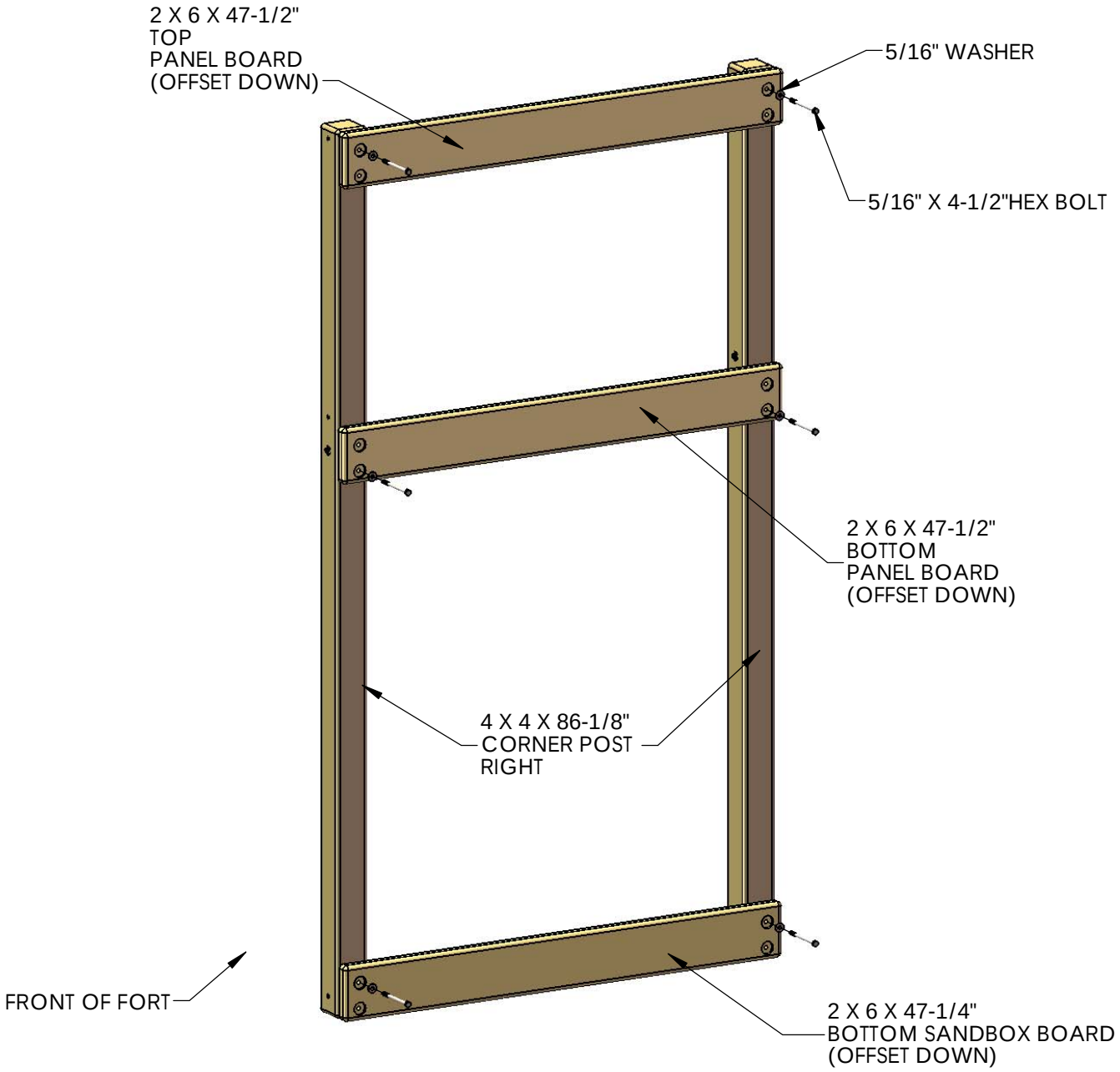
3: LAY THE 2 X 6 X 47-1/2" BOTTOM PANEL BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE HOLES IN THE BOTTOM PANEL BOARD MUST BE OFFSET DOWN.

4: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE BOTTOM HOLES OF THE BOTTOM PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE TOP HOLES WILL BE USED LATER.

5: LAY THE 2 X 6 X 47-1/2" TOP PANEL BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS. THE HOLES IN THE TOP PANEL BOARD MUST BE OFFSET DOWN.

6: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.

7: DO NOT INSTALL LAG SCREWS AT THIS TIME.



STEP 4: ASSEMBLING THE LEFT SIDE FRAME

1: LAY THE LEFT SIDE CORNER POSTS ON THE GROUND IN THEIR PROPER ORIENTATION.

2: LAY THE 2 X 6 X 47-1/2" SANDBOX BOARD ON TOP OF THE LEFT SIDE CORNER POSTS AT THE BOTTOM OF THE CORNER POSTS. THE HOLES IN THE SANDBOX BOARD MUST BE OFFSET DOWN.

3: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THET-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

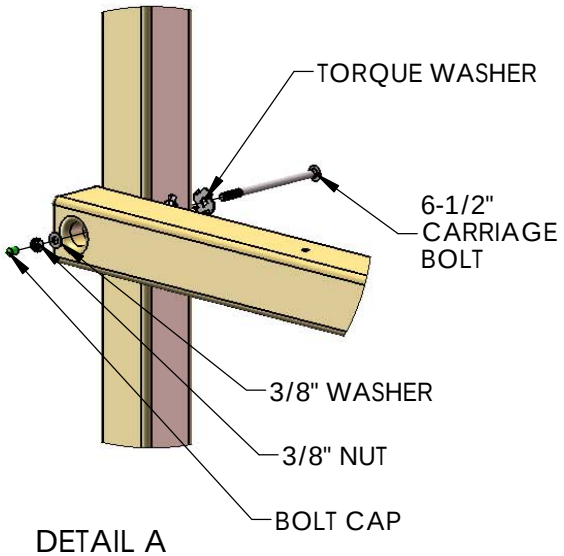
4: LAY THE 2 X 6 X 47-1/2" BOTTOM PANEL BOARD ON TOP OF THE LEFT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE HOLES IN THE BOTTOM PANEL BOARD MUST BE OFFSET DOWN.

5: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE BOTTOM HOLES OF THE BOTTOM PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE TOP HOLES WILL BE USED LATER.

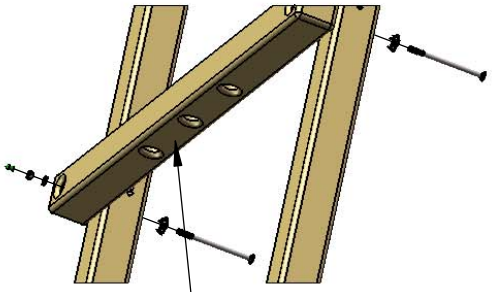
6: LAY THE 4 X 4 X 47-1/2" SWING BEAM MOUNT ON TOP OF THE LEFT SIDE CORNER POSTS. THE THREE COUNTER-SUNK HOLES IN THE MIDDLE OF THE SWING BEAM SUPPORT MUST FACE DOWNWARD.

7: FIND TWO TORQUE WASHERS. PLACE A 6-1/2" CARRIAGE BOLT THROUGH THE TORQUE WASHER, MAKING SURE THAT THE TEETH ARE FACING IN THE SAME DIRECTION AS THE THREADS OF THE CARRIAGE BOLT. PLACE THE TORQUE WASHER/CARRIAGE BOLT ASSEMBLY INTO THE CORNER POST HOLES SO THAT THE HEAD OF THE CARRIAGE BOLT FACES WHAT WILL BE THE INSIDE OF THE FORT. USE A HAMMER TO SET THE TORQUE WASHER INTO THE CORNER POST.

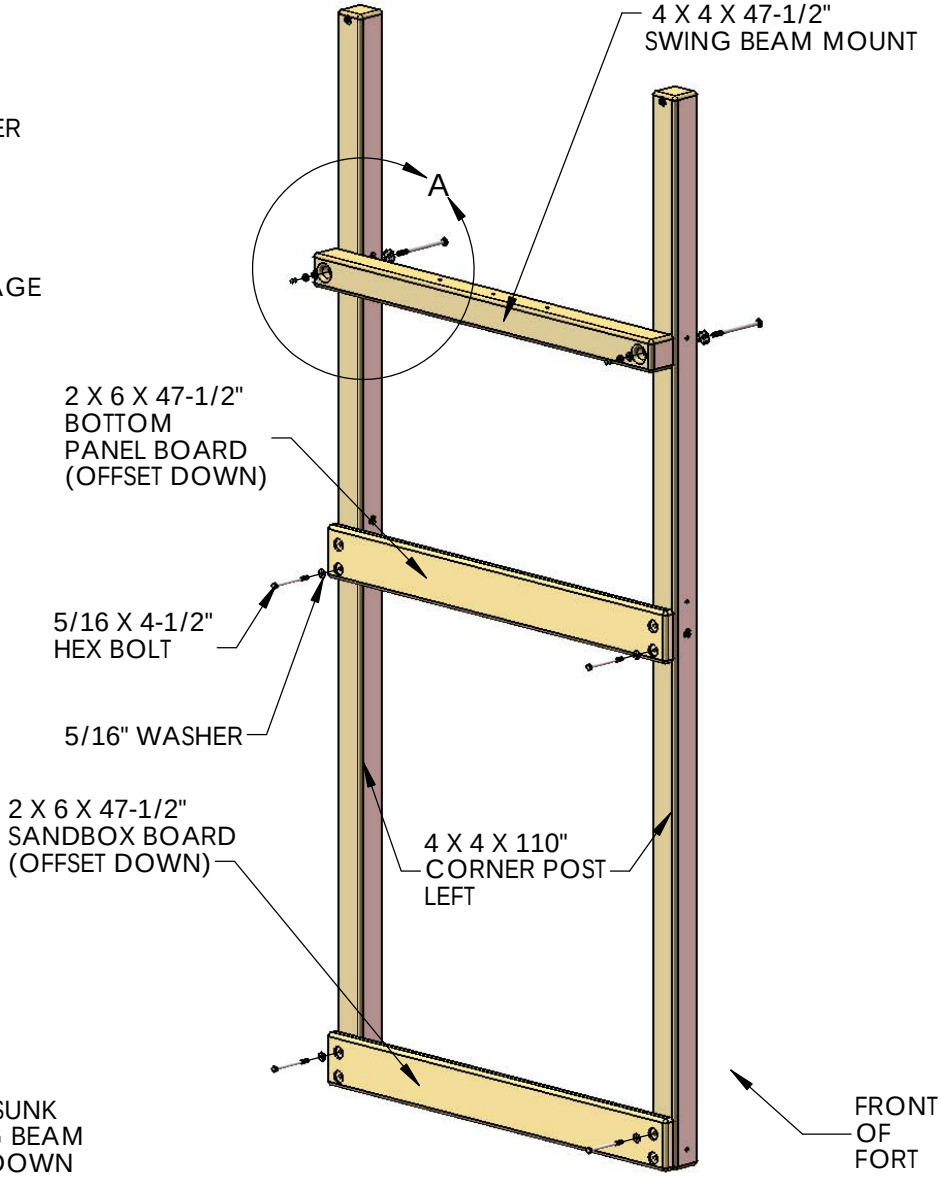
8: ATTACH THE SWING BEAM SUPPORT AS SHOWN IN DETAIL A.



DETAIL A
SCALE 2 : 19



THE THREE COUNTER-SUNK HOLES ON THE SWING BEAM SUPPORT WILL FACE DOWN WHEN PROPERLY INSTALLED.

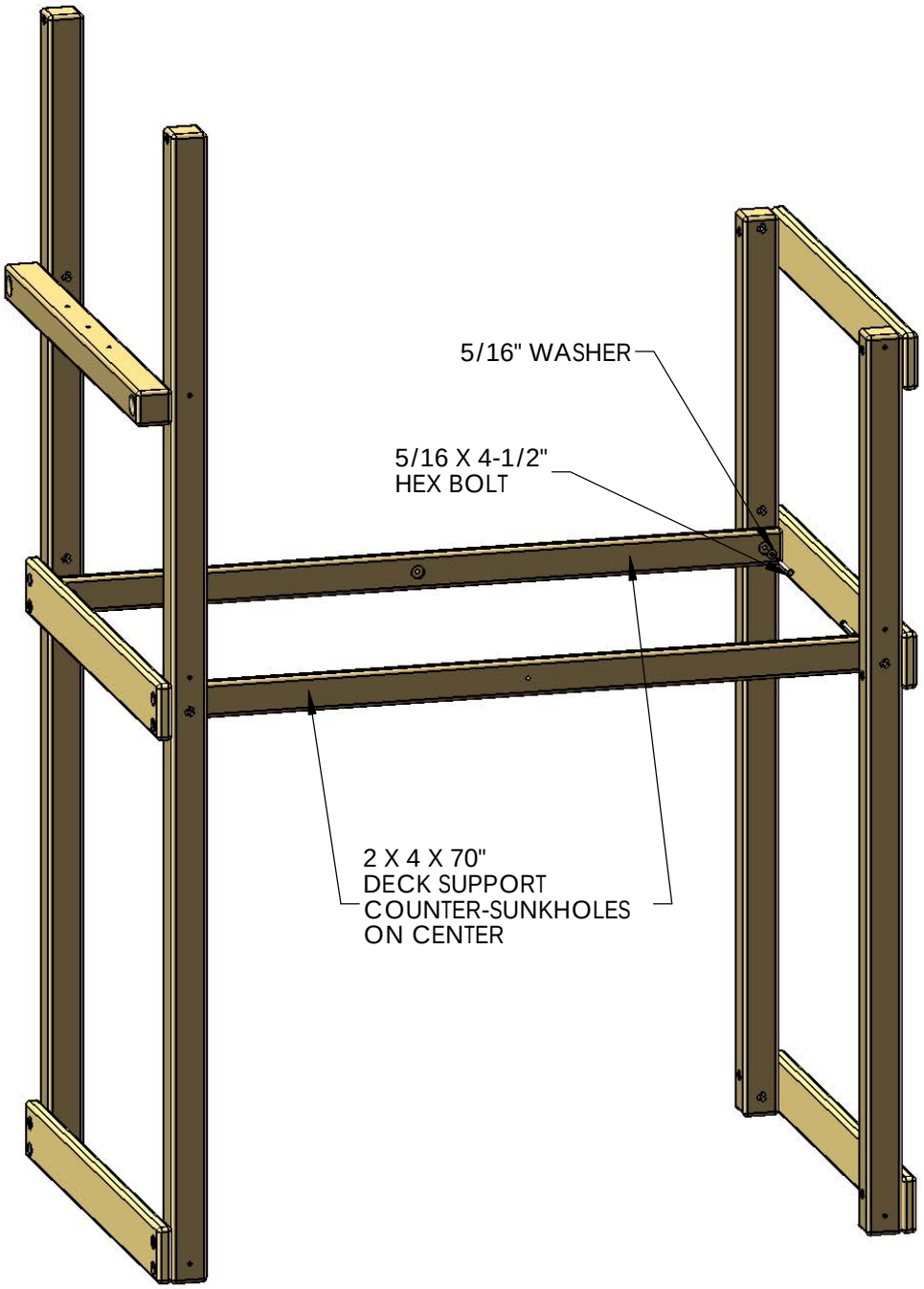


STEP 5: DECK SUPPORTS

YOU WILL NEED AN EXTRA PERSON FOR THIS STEP.

1: WITH HELP, STAND UP THE LEFT AND RIGHT SIDE ASSEMBLIES.

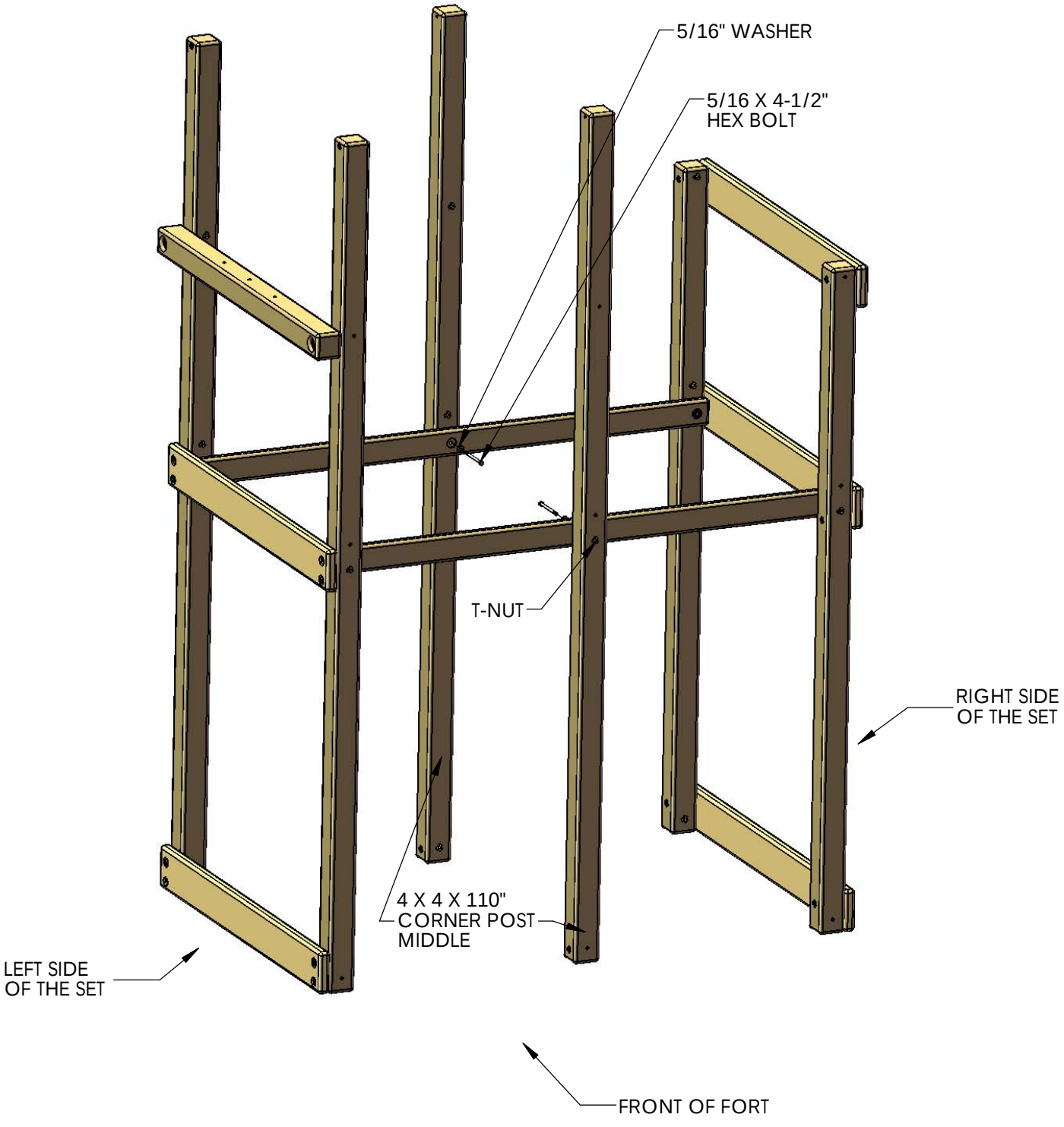
2: FASTEN THE 2 X 4 X 70" DECK SUPPORTS TO THE HOLES AT 54-3/4" WITH 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS FROM THE INSIDE OF THE FORT



STEP 6: MIDDLE CORNER POST

1: PLACE THE 4 X 4 X 110" CORNER POST MIDDLE BETWEEN THE LEFT AND RIGHT SIDE FRAMES .

2: USE A 5/16 X 4-1/2" HEX BOLT AND A 5/16" WASHER THROUGH THE DECK SUPPORT AND POSTS HOLE INTO THE T-NUT TO ATTACH THEM.



STEP 7: FRONT FRAME ASSEMBLY

1: PLACE THE 2 X 4 X 96" SANDBOX BOARD LEFT ON THE FRONT OF THE CORNER POSTS. THE CENTER HOLE IN THE SANDBOX BOARD LEFT SHOULD BE OFFSET UP.

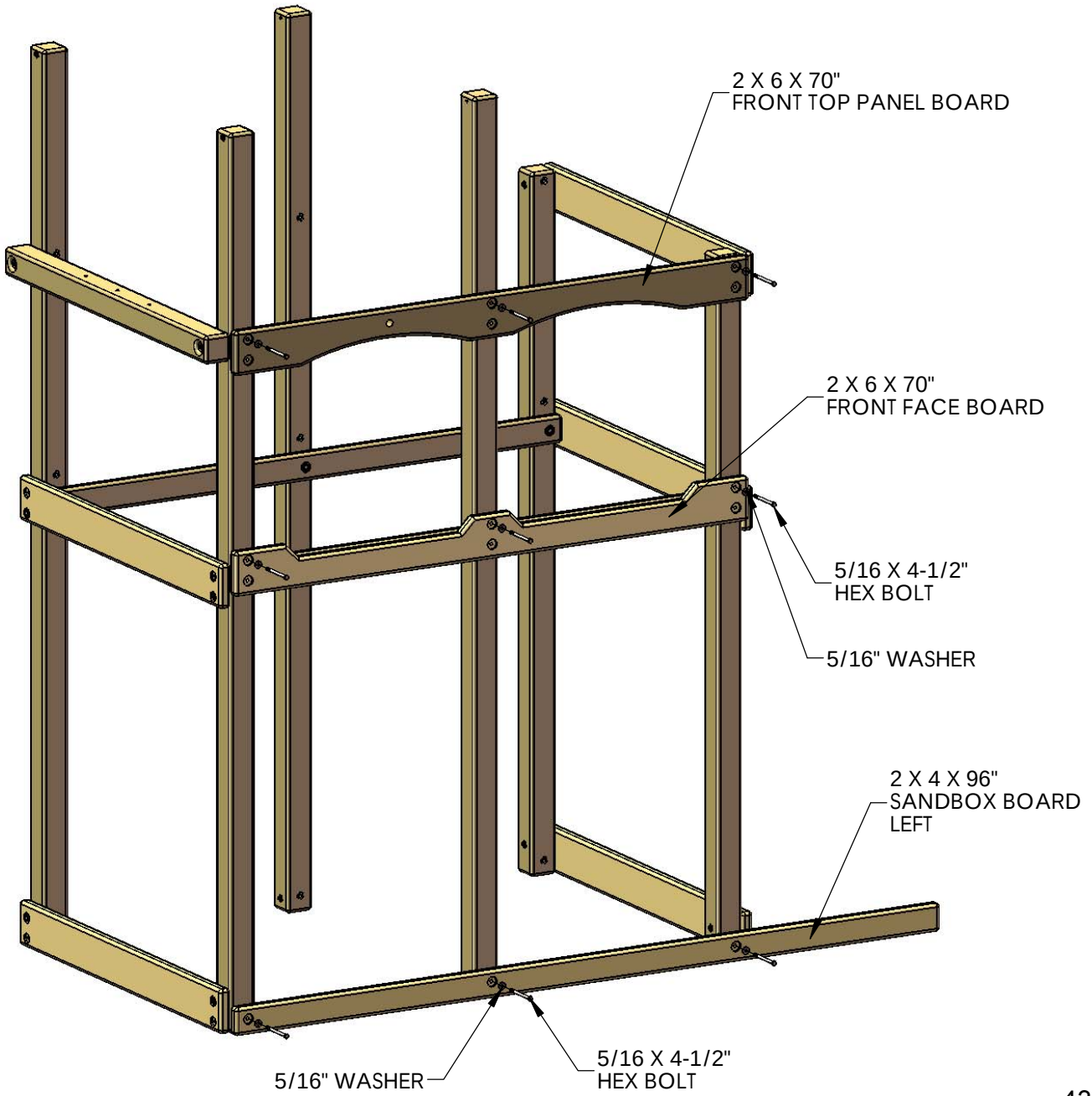
2: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE HOLES OF THE SANDBOX BOARD LEFT TO THE T-NUTS INSTALLED ON THE CORNER POSTS.

3: PLACE THE 2 X 6 X 70" FRONT FACE BOARD WITH NOTCHES ON THE FRONT OF THE CORNER POSTS. THE HOLES IN THE FRONT FACE BOARD SHOULD BE OFFSET UP.

4: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE FRONT FACE BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

5: PLACE THE 2 X 6 X 70" FRONT TOP PANEL BOARD ON THE FRONT OF THE CORNER POSTS. THE HOLES IN THE FRONT TOP PANEL BOARD SHOULD BE OFFSET UP.

6: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE FRONT TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.



STEP 8: REAR FRAME ASSEMBLY

1: PLACE THE 2 X4 X 96" SANDBOX BOARD RIGHT ON THE BOTTOM REAR OF THE CORNER POSTS. THE CENTER HOLE IN THE SANDBOX BOARD RIGHT MUST BE OFFSET UP.

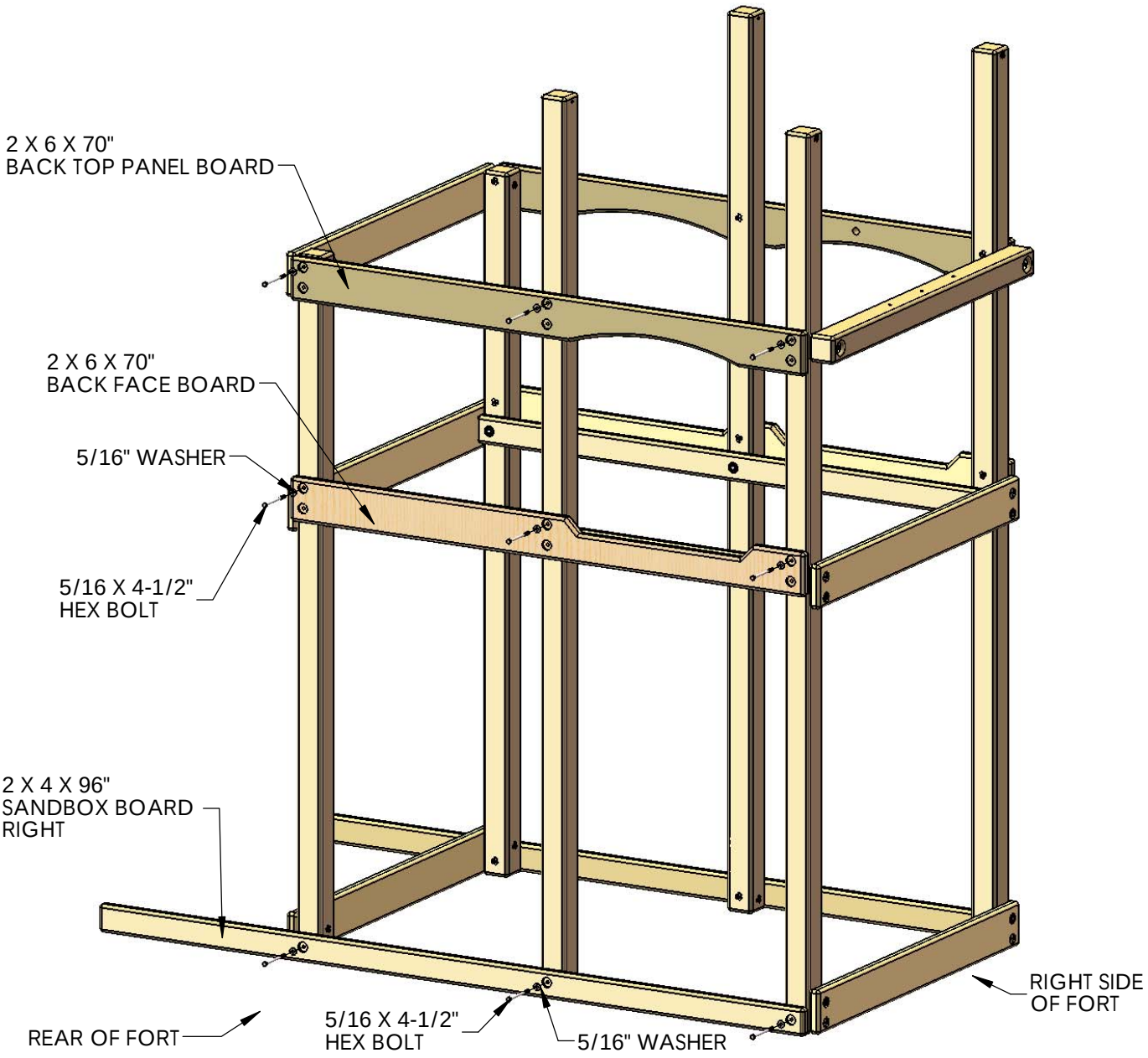
2: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.

3: PLACE THE 2 X 6 X 70" BACK FACE BOARD AT THE MIDDLE OF THE REAR CORNER POSTS. THE HOLES IN THE BACK FACE BOARD MUST BE OFFSET UP.

4: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE BOTTOM PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

5: PLACE THE 2 X 6 X 70" BACK TOP PANEL BOARD NEAR THE TOP OF THE REAR CORNER POSTS. THE HOLES IN THE BACK TOP PANEL BOARD MUST BE OFFSET UP.

6: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE HOLES OF THE BACK TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.

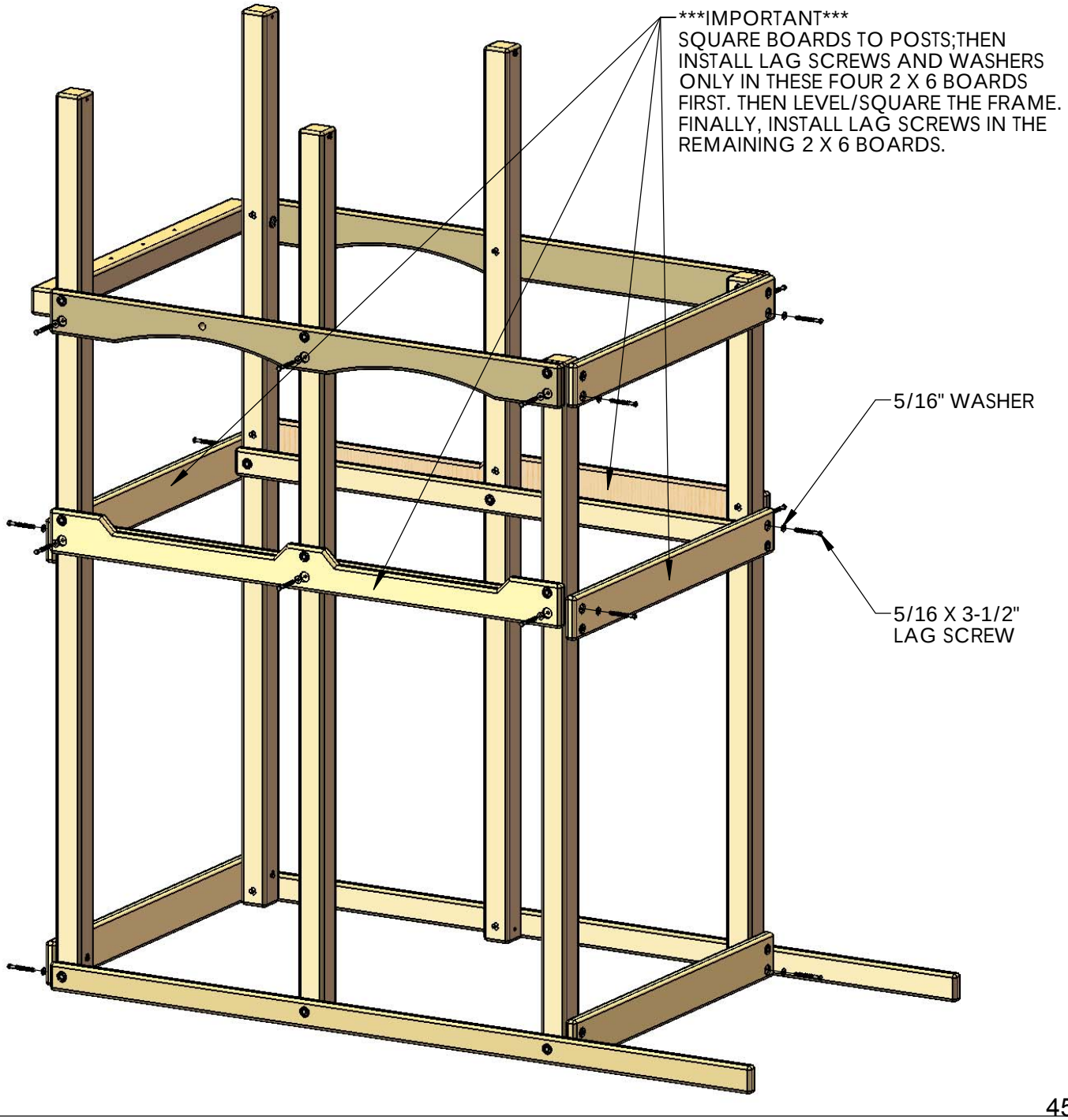


STEP 9: LEVELING THE PLAY SET AND LAGS

1: INSTALL LAG SCREWS ONLY IN THE FOUR 2 X 6 BOARDS AT DECK HEIGHT AT THIS TIME. SQUARE EACH OF THESE FOUR BOARDS TO THE CORNER POSTS AND THEN INSTALL THE LAG SCREWS. THIS IS TO MAKE THE STRUCTURE RIDGID FOR THE LEVELING AND SQUARING PROCESS.

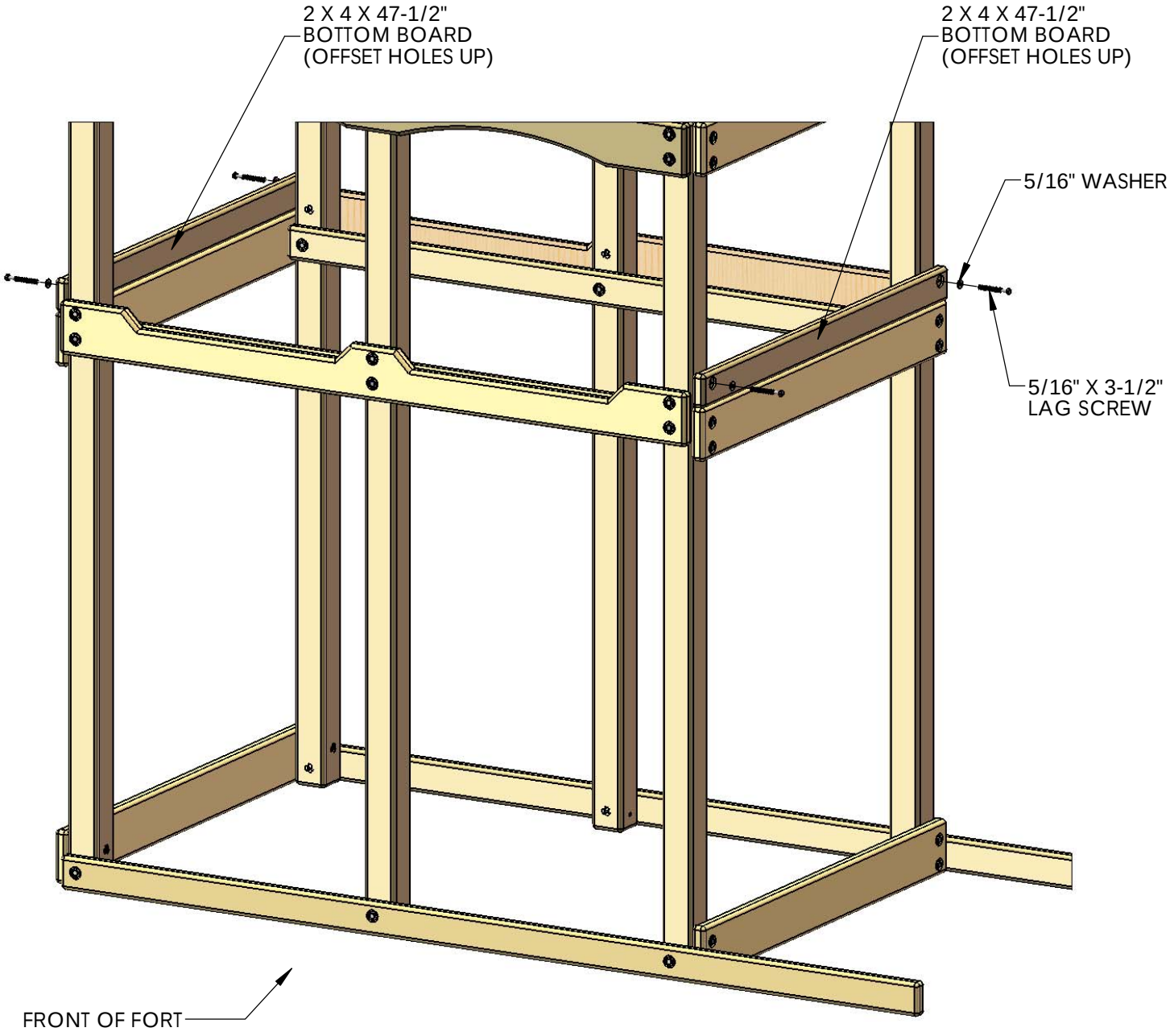
2: PLACE THE FRAME IN ITS FINAL POSITION AND FOLLOW THE PROCEDURES AT THE FRONT OF THE MANUAL TO LEVEL AND SQUARE THE STRUCTURE. HAVE AN ASSISTANT HELP YOU LIFT THE FRAME AS REQUIRED. DO NOT INSTALL REMAINING LAG SCREWS UNTIL AFTER THE FRAME HAS BEEN LEVELED AND SQUARED.

3: ONCE THE FRAME IS LEVEL, SQUARE AND SET INTO POSITION; GO BACK AND INSERT THE 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS IN ALL OF THE REMAINING HOLES OF THE 2 X 6 PARTS ON THE FRONT, SIDES AND REAR OF THE PLAY SET. NOTE: THERE WILL NOT BE ANY PREDRILLED HOLES IN THE CORNER POSTS FOR THE LAG SCREWS.



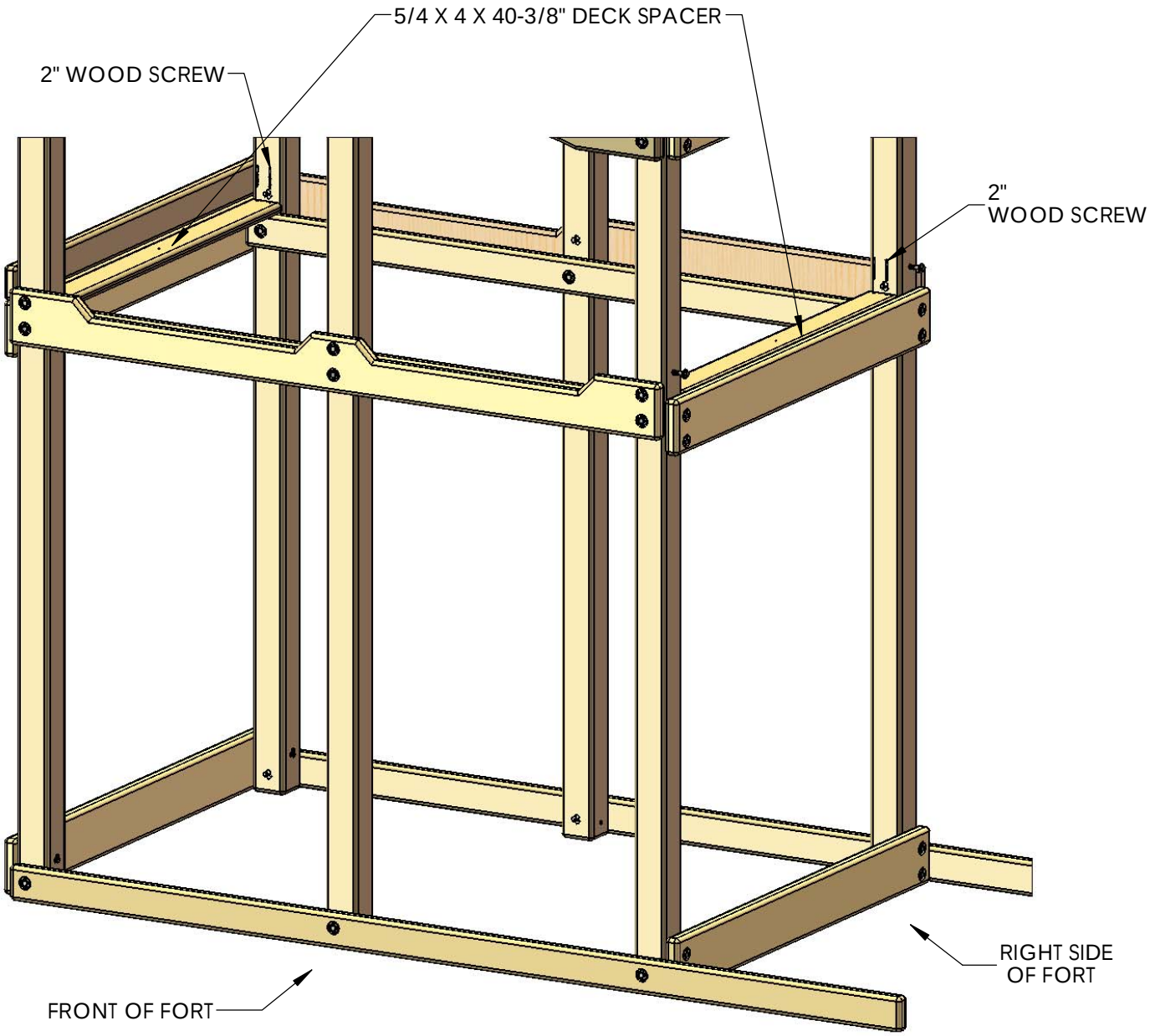
STEP 10: BOTTOM BOARDS

1: PLACE THE 2 X 4 X 47-1/2" BOTTOM BOARDS ON TOP OF THE 2 X 6 PANEL BOARD WITH OFFSET HOLES UP ON RIGHT AND LEFT SIDE OF THE SET, FASTEN TO THE CORNER POSTS WITH 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS.



STEP 11: DECK SPACERS

1: PLACE THE 5/4 X 4 X 40-3/8" DECK SPACER AT ONE END OF THE FORT. CENTER THE BOARD BETWEEN THE CORNER POSTS AND ATTACH IT WITH 2" WOOD SCREWS THROUGH THE PREDRILLED HOLES AND INTO THE DECK SUPPORT BELOW. NOTE THE TOP OF THE SCREW HEAD SHOULD BE FLUSH TO THE TOP OF THE DECK SPACER.



NOTE: THE RIGHT BOTTOM BOARD IS REMOVED FOR CLARITY.

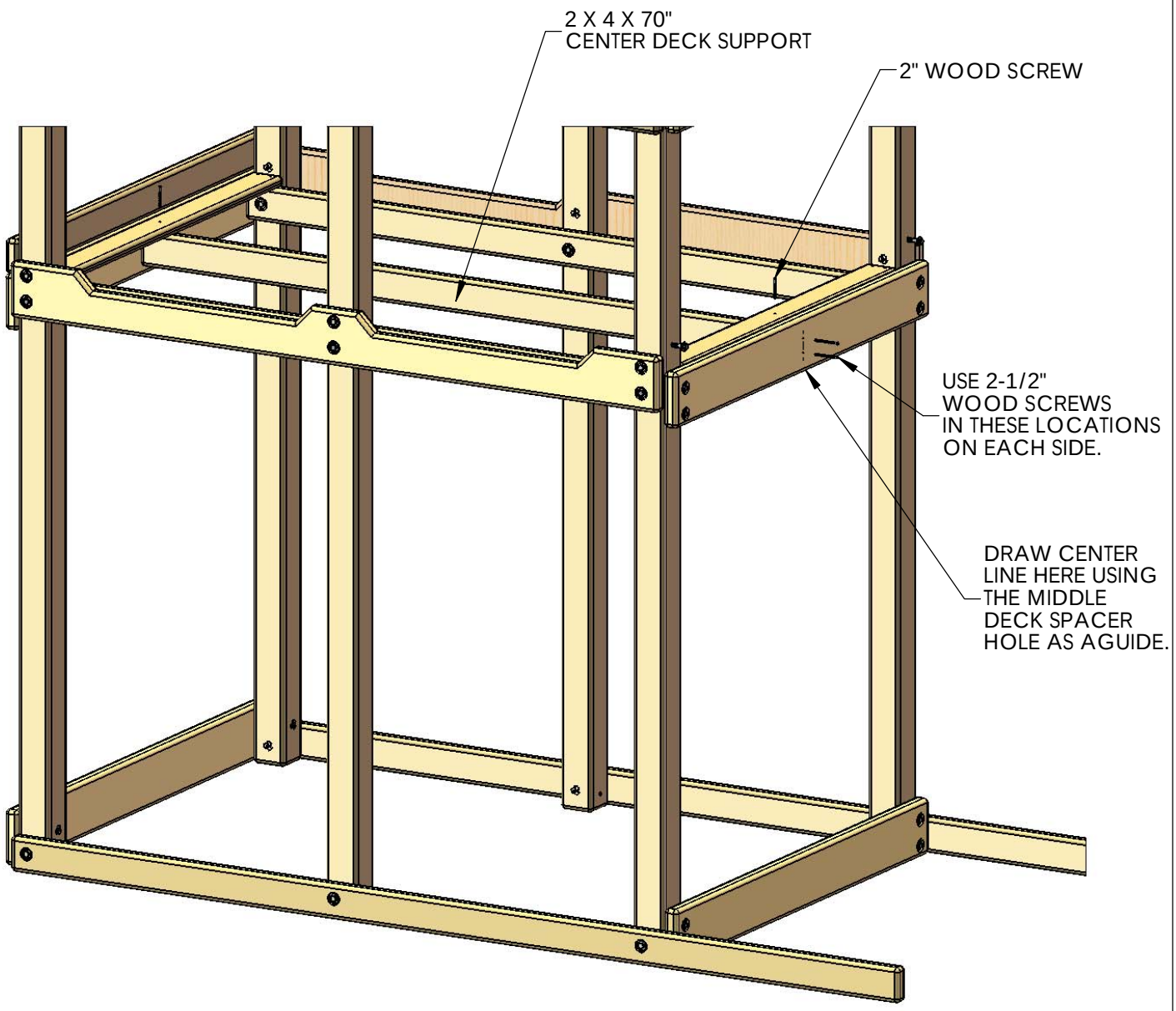
STEP 12: CENTER DECK SUPPORT

1: FIND THE 2 X 4 X 70" CENTER DECK SUPPORT WITHOUT HOLES.

2: PLACE THE CENTER DECK SUPPORT UNDER THE CENTER OF THE DECK SPACERS (USE THE HOLE ON CENTER AS A GUIDE) AND DRAW A LINE ON THE OUTSIDE OF THE FORT TO REPRESENT A CENTER LINE.

3: CENTER THE 2 X 4 X 70" CENTER DECK SUPPORT ON THE LINE AND PUSH THE CENTER DECK SUPPORT FLUSH TO THE BOTTOM SIDE OF THE DECK SPACERS. USE 2" WOOD SCREWS TO ATTACH THE DECK SPACERS TO THE CENTER DECK SUPPORT.

4: USING TWO 2-1/2" WOOD SCREWS, ATTACH THE 2 X 4 X 70" CENTER DECK SUPPORT THROUGH THE OUTSIDE OF THE 2 X 6, AND INTO THE END OF THE CENTER DECK SUPPORT. REPEAT THIS STEP ON THE OPPOSITE END OF THE FORT.

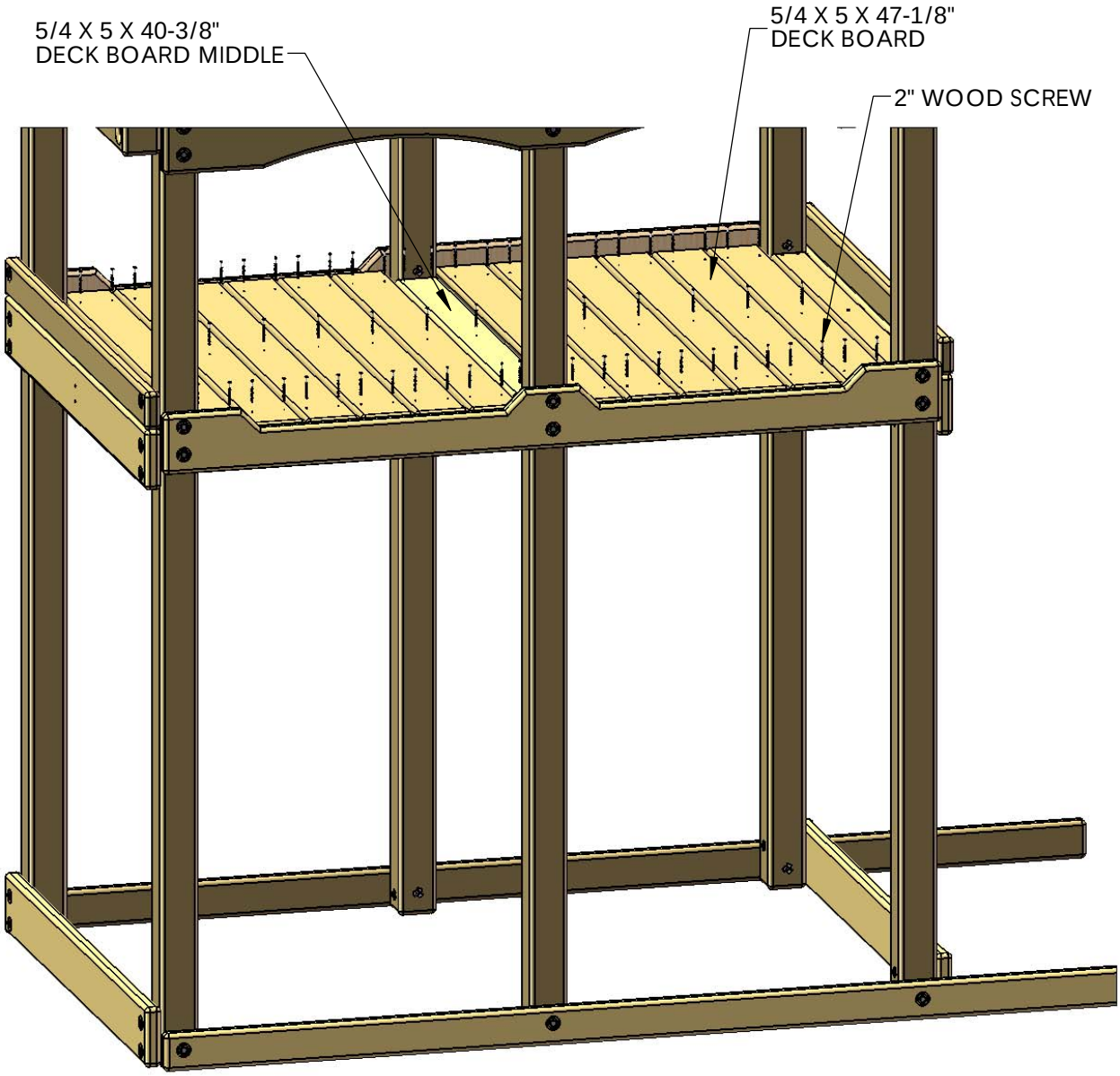


NOTE:THE RIGHT 2 X 4 BOTTOM BOARD IS REMOVED FOR CLARITY.

STEP 13: DECK BOARDS

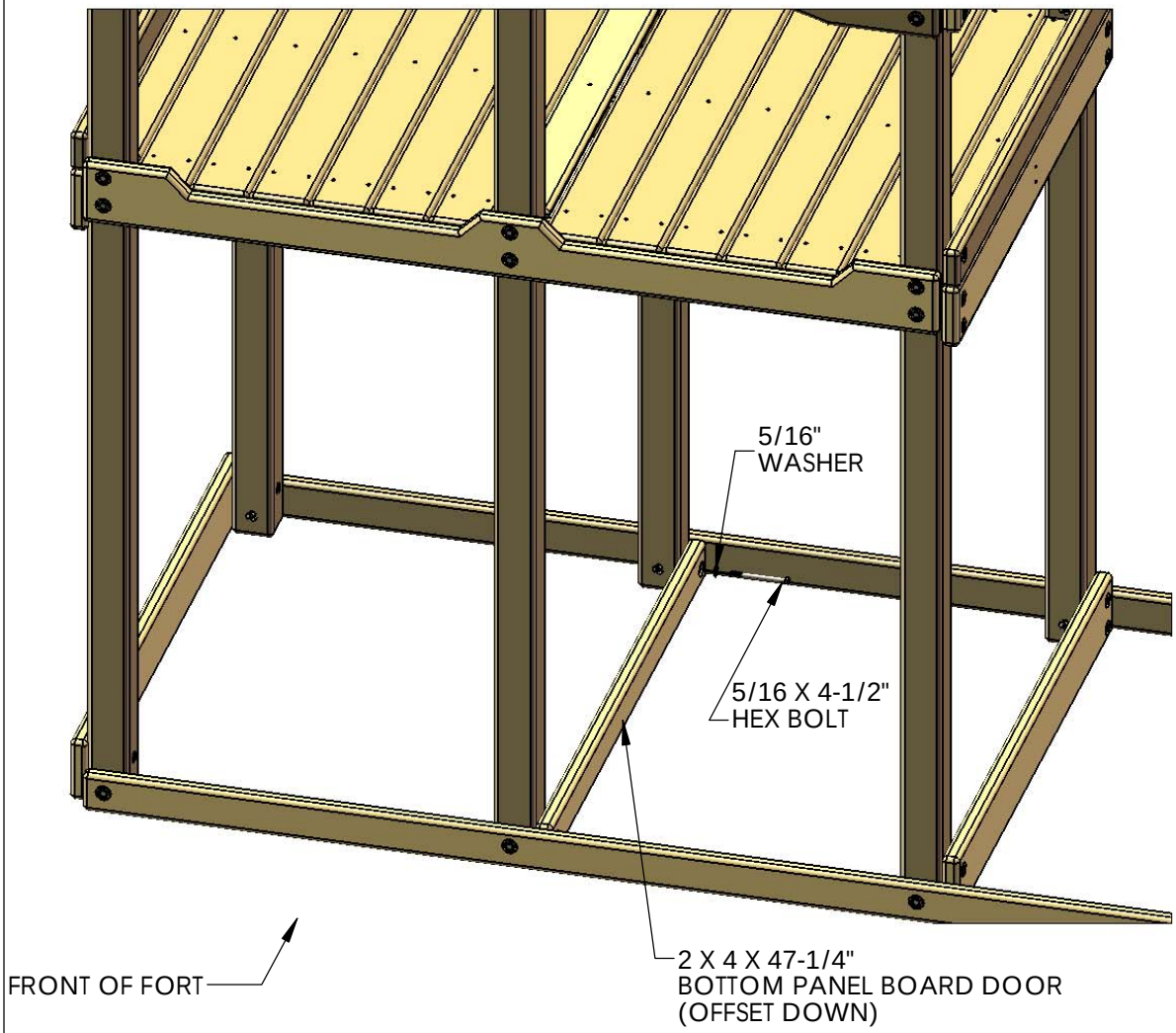
1: START WITH A 5/4 X 5 X 47-1/8" DECK BOARD AT ONE END OF THE FORT. CENTER THE BOARD BETWEEN THE FRONT FACE BOARD AND THE REAR BOTTOM BOARD AND PLACE 5/4 X 5 X 40-3/8" DECK BOARD MIDDLE BETWEEN THE CORNER POST MIDDLE AND ATTACH THE DECK BOARDS WITH 2" WOOD SCREWS THROUGH THE PREDRILLED HOLES AND INTO THE DECK SUPPORT BELOW. LEAVE A UNIFORM (APPROX. 1/8") SPACE BETWEEN THE DECK BOARDS. NOTE: THE TOP OF THE SCREW HEAD SHOULD BE FLUSH TO THE TOP OF THE DECK BOARDS.

LAY ALL DECK BOARDS ACROSS THE DECK SUPPORTS BEFORE SECURING THEM TO THE FORT. THIS WILL ENSURE THAT YOU HAVE EQUAL SPACING ACROSS THE DECK.



STEP 14: BOTTOM PANEL BOARD DOOR

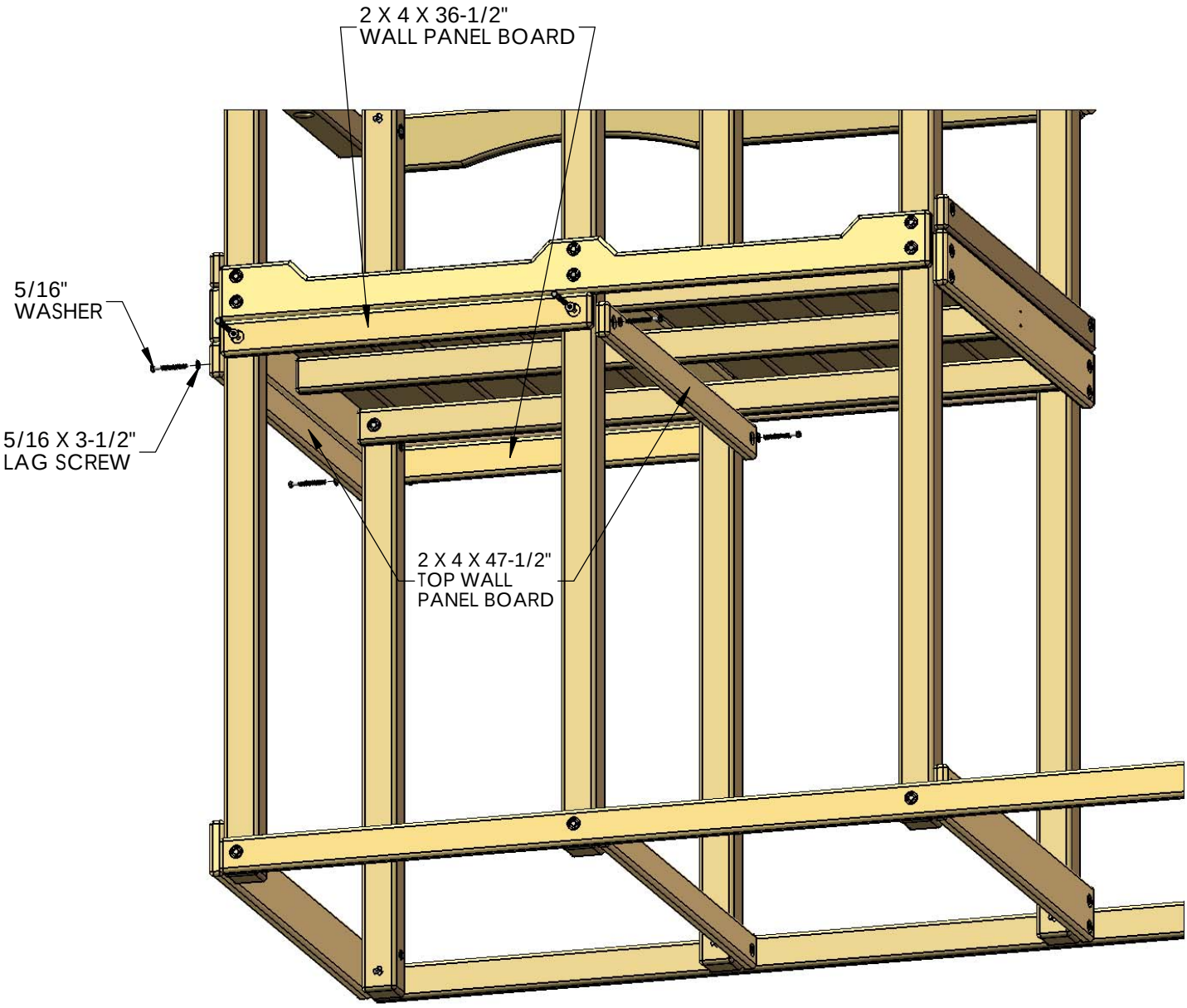
1: FASTEN THE 2 X 4 X 47-1/4" BOTTOM PANEL BOARD DOOR (OFFSET DOWN) TO THE CORNER POSTS MIDDLE. USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE BOTTOM PANEL BOARD DOOR.



STEP 15: WALL PANEL BOARDS

1: PLACE THE 2 X 4 X 36-1/2" WALL PANEL BOARDS UNDER OF THE 2 X 6 X 70" FRONT FACE BOARD AND 2 X 6 X 70" BACK FACE BOARD. FASTEN TO THE CORNER POSTS LEFT AND CORNER POSTS MIDDLE WITH 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS.

2: PLACE THE 2 X 4 X 47-1/2" TOP WALL PANEL BOARDS UNDER THE 2 X 6 X 47-1/2" PANEL BOARD AND 2 X 4 X 70" DECK SUPPORTS. FASTEN TO THE CORNER POSTS LEFT AND CORNER POSTS MIDDLE WITH 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS.

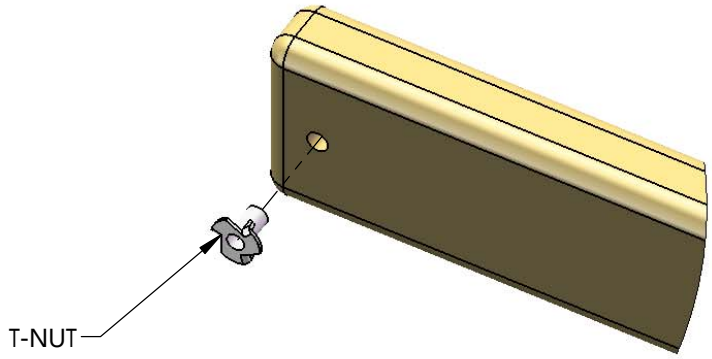


STEP 16: ROCK WALL

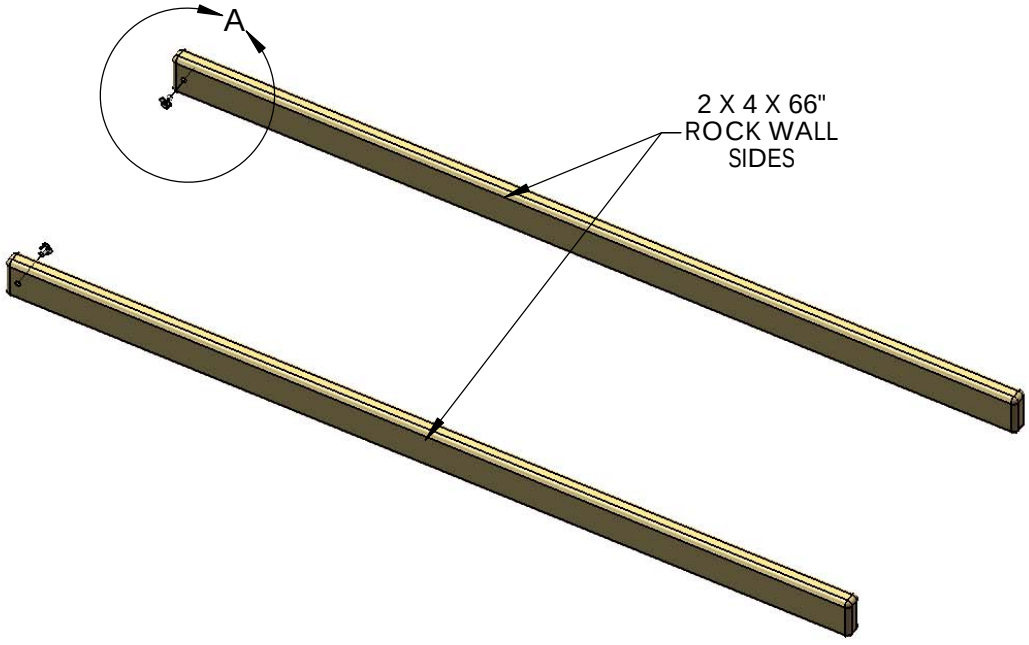
1: FIND TWO 2 X 4 X 66" ROCK WALL SIDES.

2: POSITION THE ROCK WALL SIDES SO THAT THE HOLES IN THE BOARDS ARE BOTH FACING THE SAME WAY.

3: INSERT T-NUTS INTO THE INSIDE OF THE ROCK WALL SIDES AND SET WITH A HAMMER.



DETAIL A
SCALE 1 : 3



STEP 17: ROCK WALL

1: FIND ELEVEN 5/4 X 6 X 23-7/8" ROCK WALL BOARDS, AND ONE 5/4 X 6 X 23-7/8" BOTTOM ROCK WALL BOARD(1 HOLE).

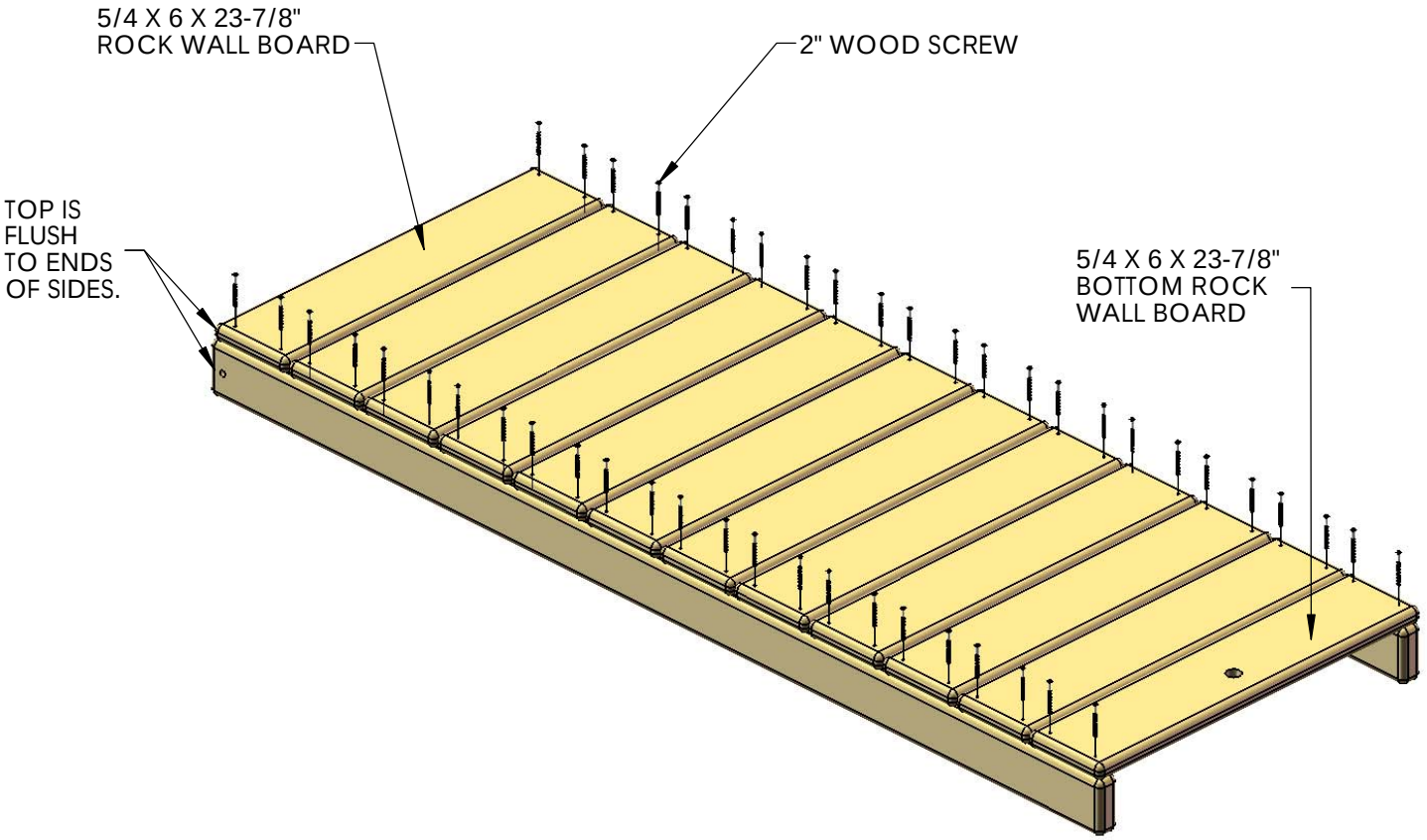
2: STARTING FROM THE TOP, PLACE ONE ROCK WALL BOARD ON TOP OF THE ROCK WALL SIDES, FLUSH TO THE TOP OF THE ROCK WALL SIDES, AND ATTACH WITH TWO 2" WOOD SCREWS IN EACH SIDE.

3: CONTINUE DOWN THE ROCK WALL WITH THE REMAINING ROCK WALL BOARDS, FASTENING EACH BOARD WITH TWO 2" WOOD SCREWS ON EACH END.

4: THE FINAL BOARD WILL BE THE BOTTOM ROCK WALL BOARD WITH ONE HOLE. ATTACH WITH TWO 2" WOOD SCREWS PER SIDE.

5: IN SOME CASES, THERE WILL BE EXCESS LENGTH ON THE ROCK WALL SIDES. THIS IS DUE TO MILLING VARIATIONS, AND IS ALSO USED TO HELP LEVEL THE ROCK WALL SIDES ON UNEVEN GROUND.

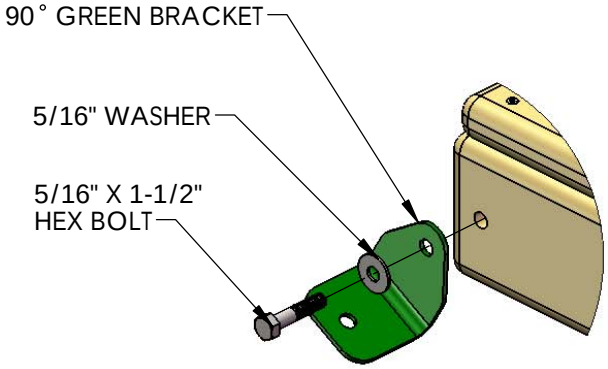
6: ROCK WALL SIDES MAY NOT BE EVEN WITH THE BOTTOM ROCK WALL BOARD DUE TO MILLING VARIATIONS AND WOOD SHRINKAGE.



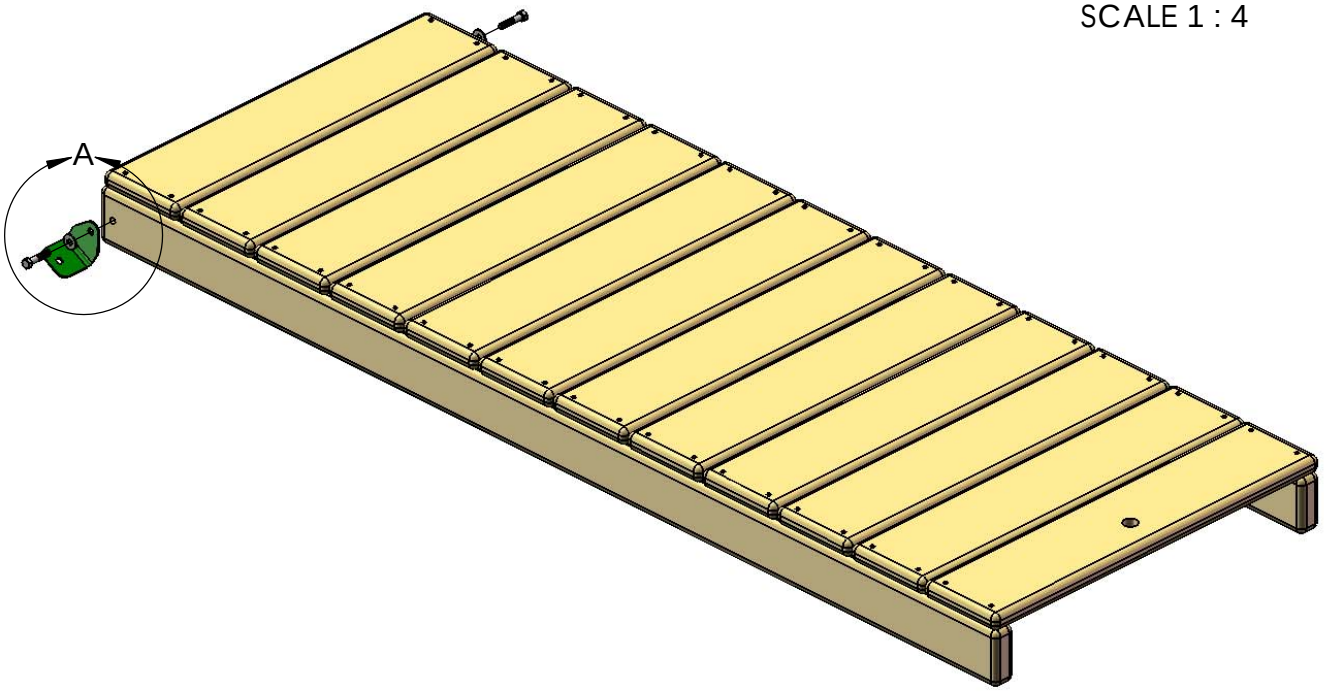
STEP 18: ROCK WALL

1: FASTEN THE 90˚ GREEN BRACKET TO THE ROCK WALL SIDES WITH 5/16 X 1-1/2" HEX BOLTS AND 5/16" WASHERS.

2: DO NOT FULLY TIGHTEN THE HEX BOLTS INTO THE T-NUTS AT THIS TIME.



DETAIL A
SCALE 1 : 4

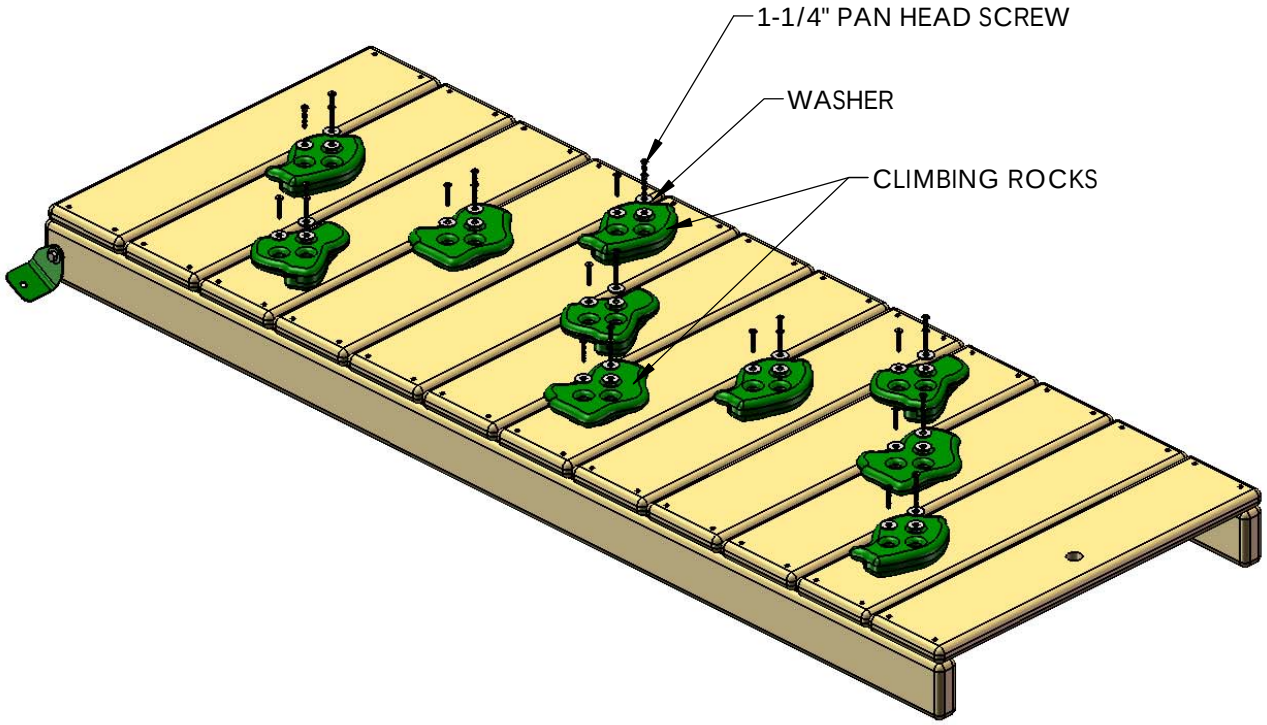


STEP 19: ROCK WALL

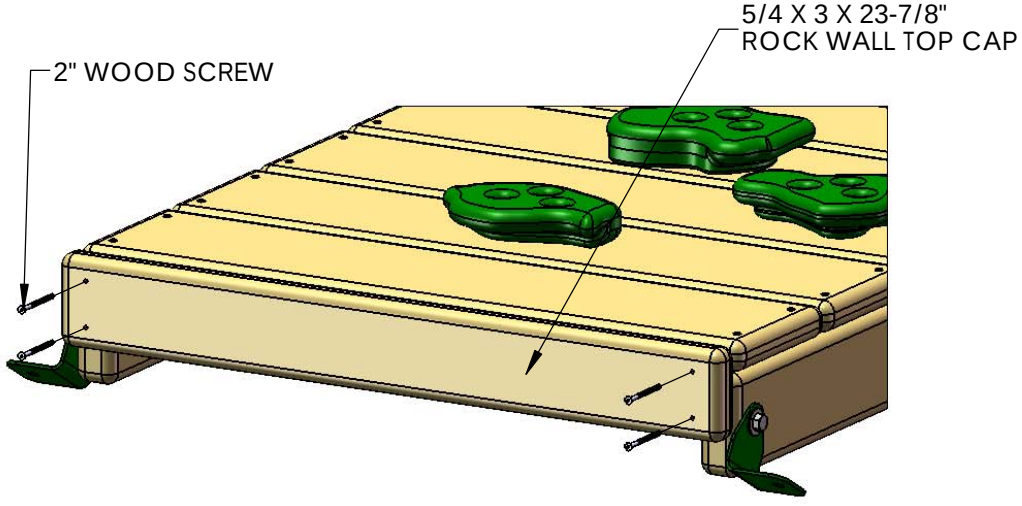
1: FIND TEN ROCKS AND THIRTY 1-1/4" PAN HEAD SCREWS WITH WASHERS.

2: MOUNT THE ROCKS IN A STAGGERED MANNER ON THE ROCK WALL BOARDS. THREE PAN HEAD SCREWS AND WASHERS WILL SECURE EACH ROCK TO THE WALL.

NOTE: THE IMAGE SHOWN BELOW IS A GENERIC ARRANGEMENT OF ROCKS ON THE ROCK WALL. YOUR ACTUAL CONFIGURATION MAY BE DIFFERENT THAT WHAT YOU SEE BELOW. ROCKS CAN BE ARRANGED IN ANY PATTERN AS LONG AS THEY WILL ALLOW PROPER ACCESS TO THE FORT. BE CREATIVE!



3: PLACE THE 5/4 X 3 X 23-7/8" ROCK WALL TOP CAP ON TOP OF THE ROCK WALL SIDES. FASTEN THE ROCK WALL TOP CAP TO THE ROCK WALL SIDES WITH 2" WOOD SCREWS.



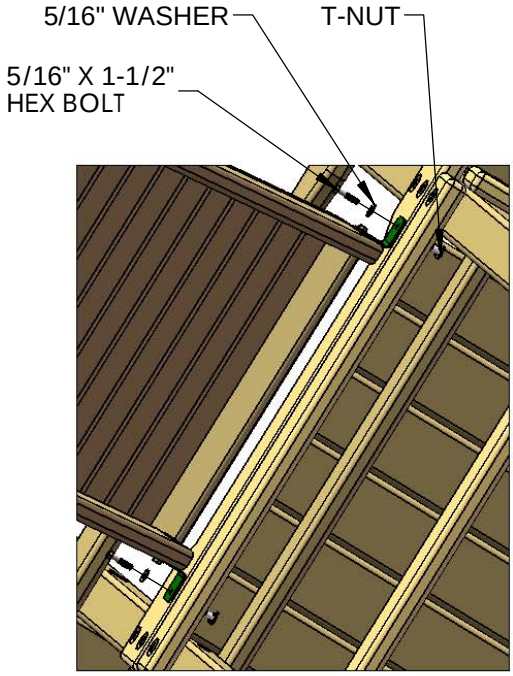
STEP 20: ATTACHING THE ROCK WALL

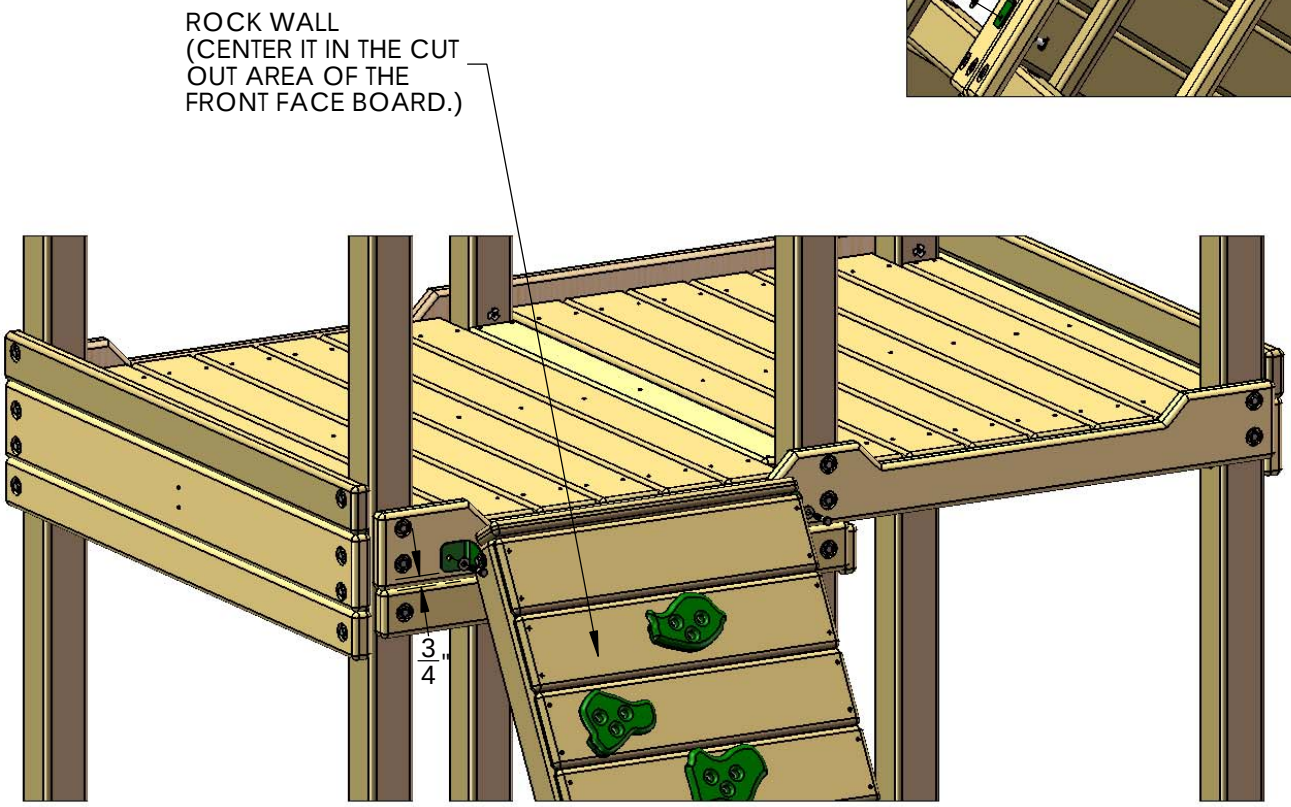
1: PLACE THE ROCK WALL INTO POSITION CENTERED ON THE FRONT - LEFT CUT OUT AREA OF THE FORT AS SHOWN BELOW. THE GREEN BRACKETS SHOULD BE 3/4" ABOVE THE BOTTOM OF THE FRONT FACE BOARD. USING THE 90 GREEN BRACKETS AS A TEMPLATE; DRILL A 3/8” HOLE THROUGH THE FRONT FACE BOARD.

2: GO UNDERNEATH THE DECK TO INSERT A T-NUT INTO THE BACKSIDE OF THE 3/8” HOLES IN THE FRONT FACE BOARD.

3: ATTACH THE ROCK WALL WITH 5/16 X 1-1/2” BOLTS AND 5/16” WASHERS.

4: WHEN THE BRACKETS ARE SECURE, AND THE ROCK WALL IS IN ITS FINAL POSITION; TIGHTEN THE 5/16 X 1-1/2” BOLTS ON THE ROCK WALL SIDES.



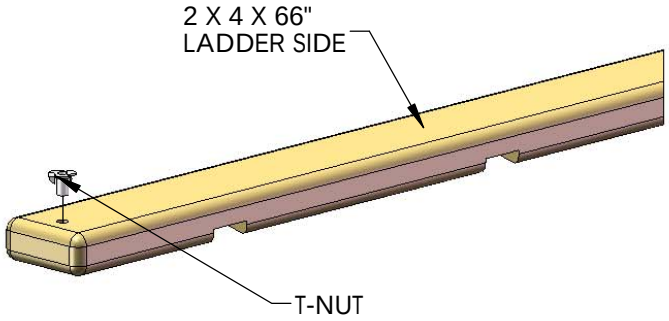


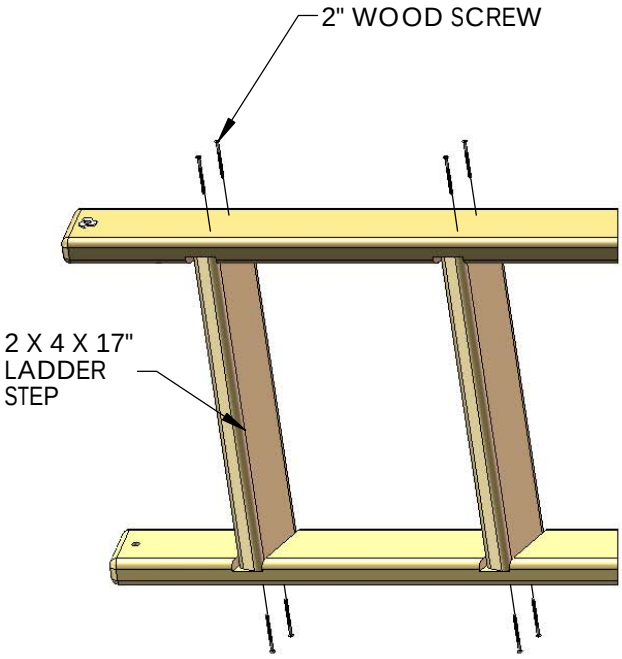
STEP 21: LADDER

1: FIND TWO 2 X 4 X 66" LADDER SIDES.

2: POSITION THE LADDER SIDES SO THAT THE SLOTS IN THE BOARDS ARE FACING EACH OTHER AND ARE PARALLEL.

3: INSERT T-NUTS INTO THE OUTSIDE OF THE LADDER SIDES AND SET WITH A HAMMER.

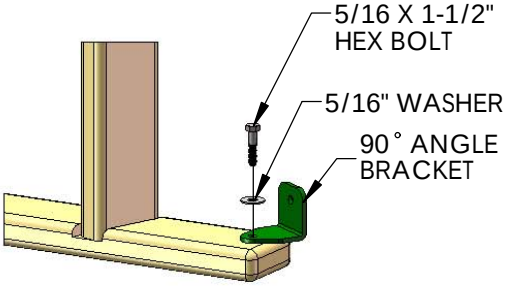




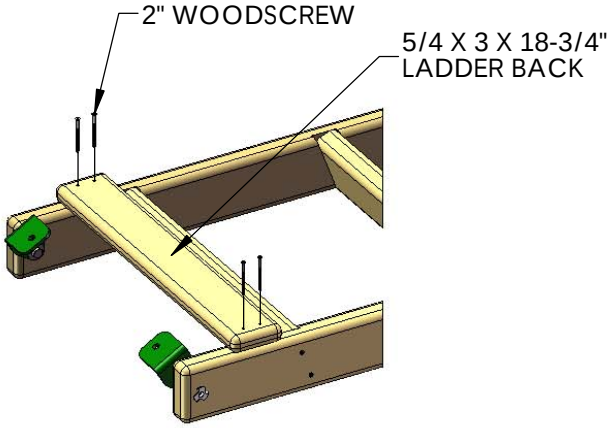
4: FIND FIVE 2 X 4 X 17" LADDER STEPS.

5: PLACE THE STEPS INTO THE SLOTS ON THE LADDER SIDES, AND FASTEN WITH 2" WOOD SCREWS.

6: CAREFULLY TURN THE LADDER OVER AND PUT THE SCREWS INTO THE OTHER SIDE.



7: INSTALL THE 90˚ ANGLE BRACKETS TO THE INSIDE OF THE LADDER RAILS WITH 5/16 X 1-1/2" BOLTS, 5/16 WASHERS, INTO THE 5/16" T-NUTS.



8: INSTALL THE 5/4 X 3 X 18-3/4" LADDER BACK ABOVE THE TOP STEP OF THE LADDER WITH TWO 2" WOOD SCREWS PER SIDE.

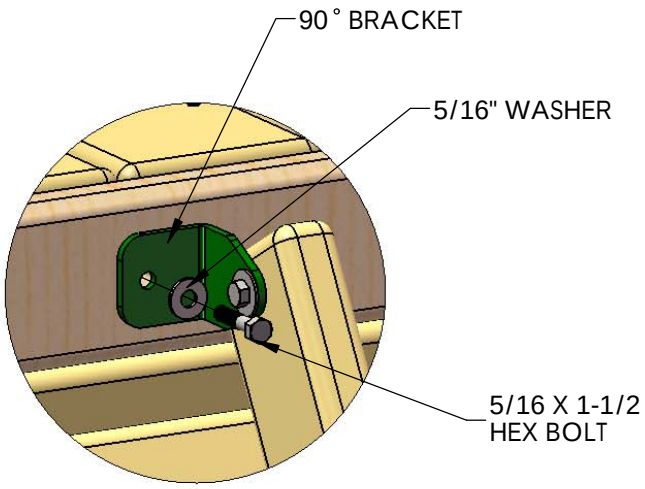
STEP 22: LADDER TO FORT

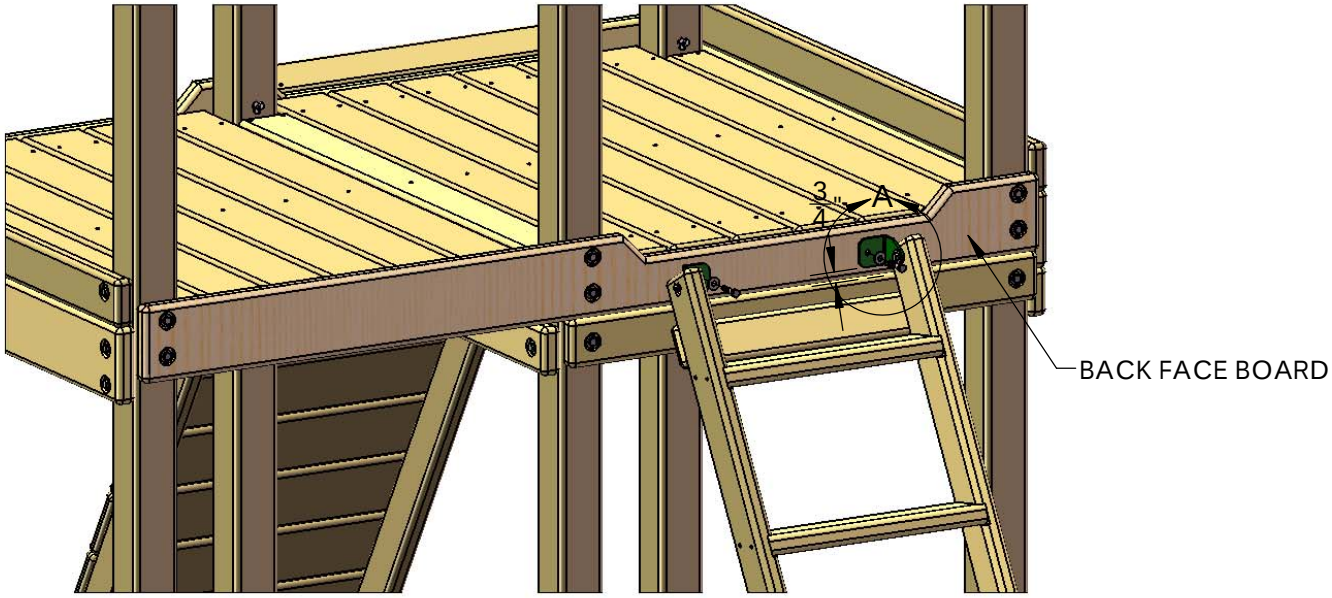
1: PLACE THE LADDER INTO POSITION CENTERED ON THE REAR - LEFT CUT OUT AREA OF THE FORT AS SHOWN BELOW. THE GREEN BRACKETS SHOULD BE 3/4" ABOVE THE BOTTOM OF THE BACK FACE BOARD. USING THE 90˚ GREEN BRACKETS AS A TEMPLATE; DRILL A 3/8" HOLE THROUGH THE FRONT FACE BOARD.

2: FROM THE UNDERSIDE OF THE DECK INSERT A T-NUT INTO THE BACK SIDE OF THE 3/8" HOLES IN THE BACK FACE BOARD.

3: ATTACH THE LADDER WITH 5/16" X 1-1/2" HEX BOLTS AND 5/16" WASHERS.

4: WHEN THE BRACKETS ARE SECURE AND THE LADDER IS IN ITS FINAL POSITION, TIGHTEN THE 5/16" X 1-1/2" BOLTS ON THE LADDER SIDES.

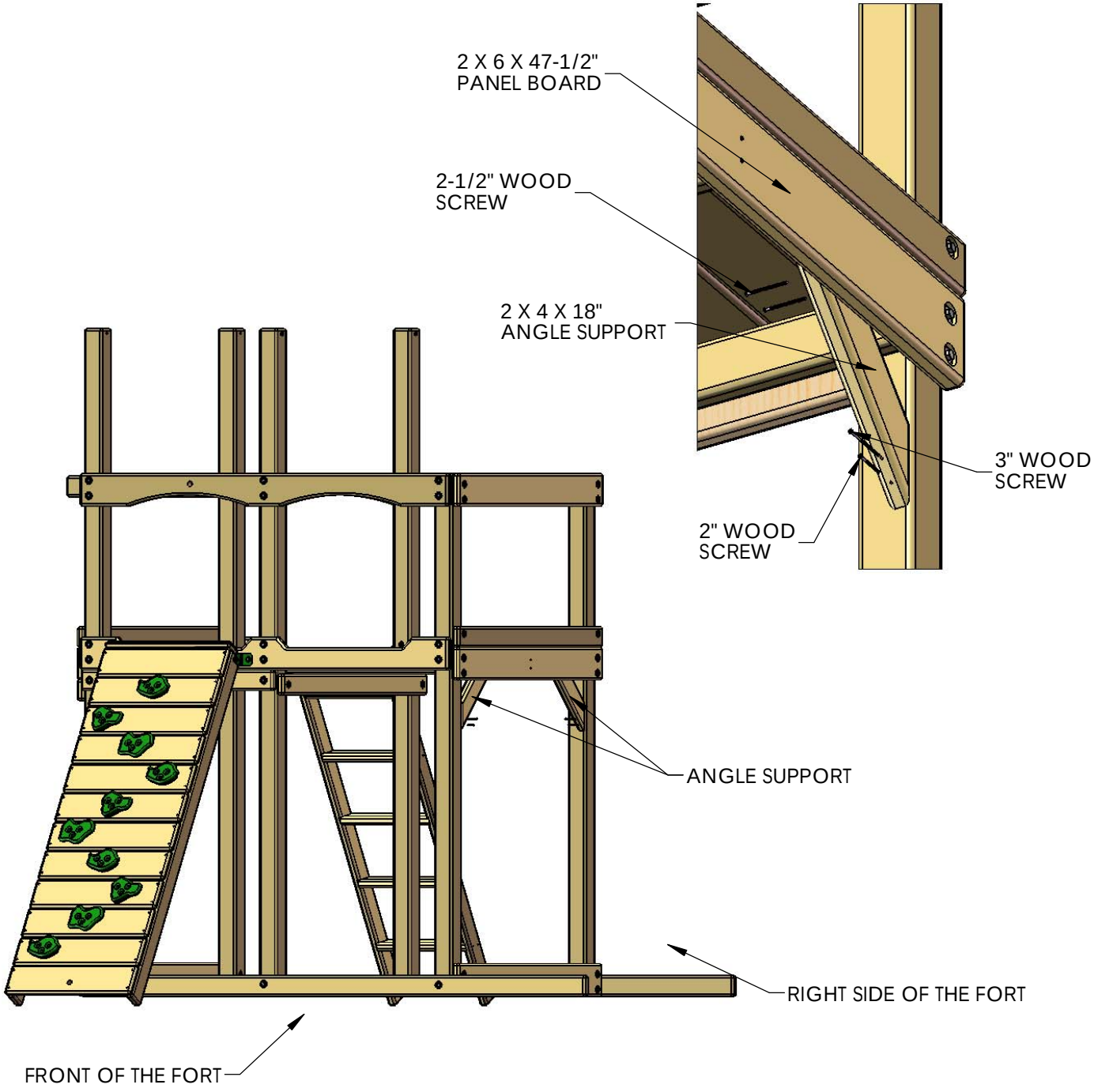




STEP 23: ANGLE SUPPORTS

1: TWO 2 X 4 X 18" ANGLE SUPPORTS ARE MOUNTED UNDER THE DECK ON THE RIGHT SIDE OF THE PLAY SET TO THE 2 X 6 PANEL BOARD. THE TOP OF THE ANGLE SUPPORT SHOULD BE FLUSH OR LOWER THAN THE TOP OF THE DECK SUPPORT

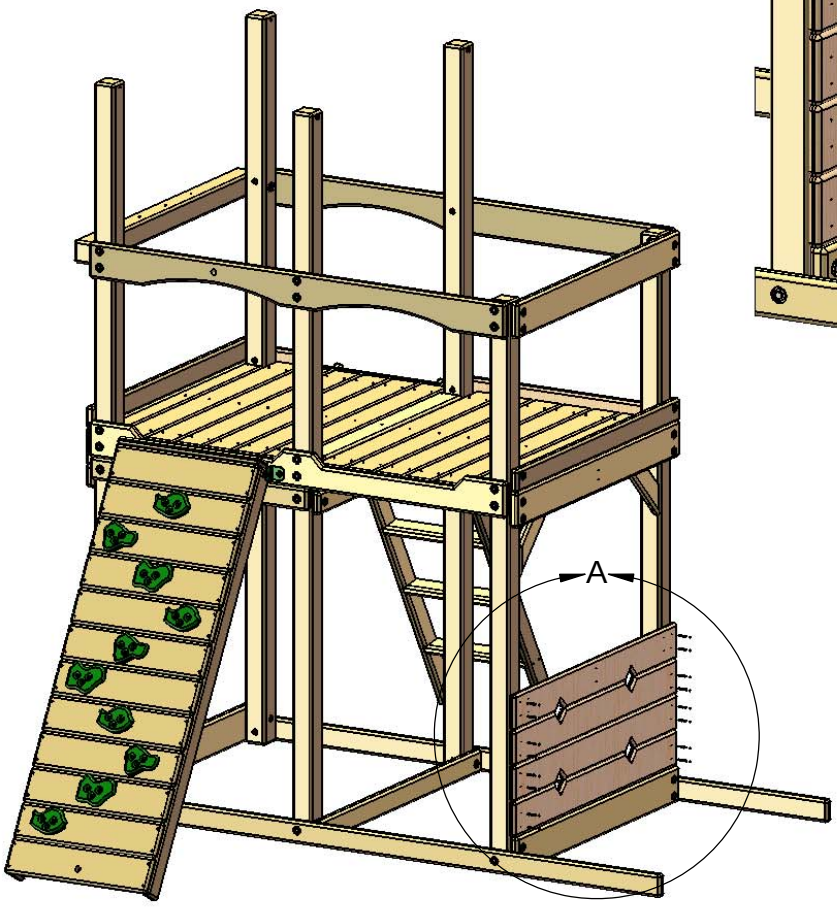
2: AT THE TOP USE 2-1/2" WOOD SCREWS THROUGH THE ANGLE SUPPORTS INTO THE PANEL BOARD. AT THE BOTTOM USE ONE 2" AND ONE 3" WOOD SCREW TO FASTEN THE ANGLE SUPPORT TO THE CORNER POST.

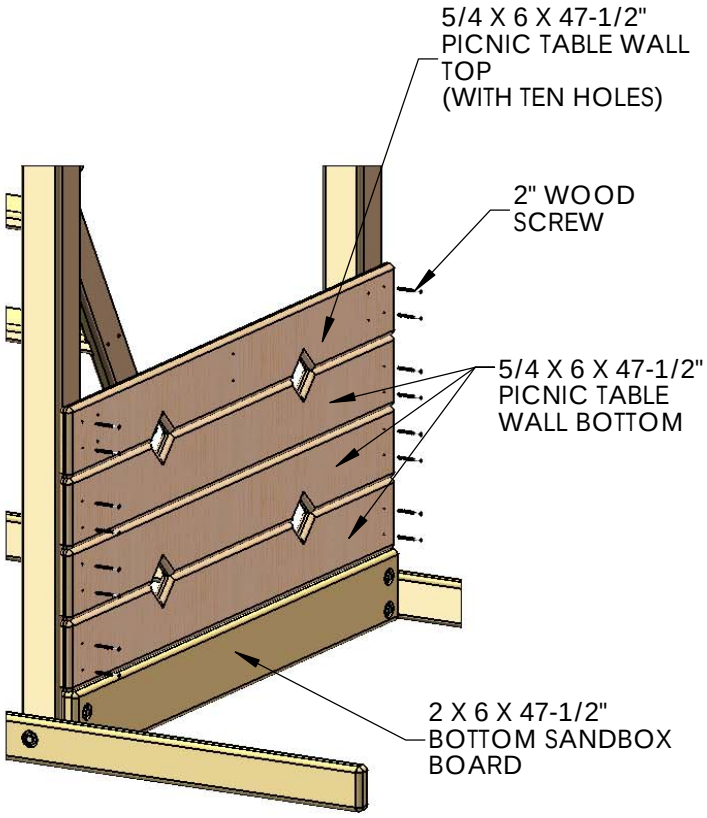


STEP 24: ATTACHING PICNIC TABLE WALL BOARD

1: PLACE THREE 5/4 X 6 X 47-1/2" PICNIC TABLE WALL BOTTOM (WITH FOUR HOLES)ON TOP OF THE 2 X 6 BOTTOM SANDBOX BOARD ON THE RIGHT SIDE OF THE FORT. FASTEN TO THE CORNER POSTS RIGHT WITH #8 X 2" WOOD SCREWS AS SHOWN BELOW.

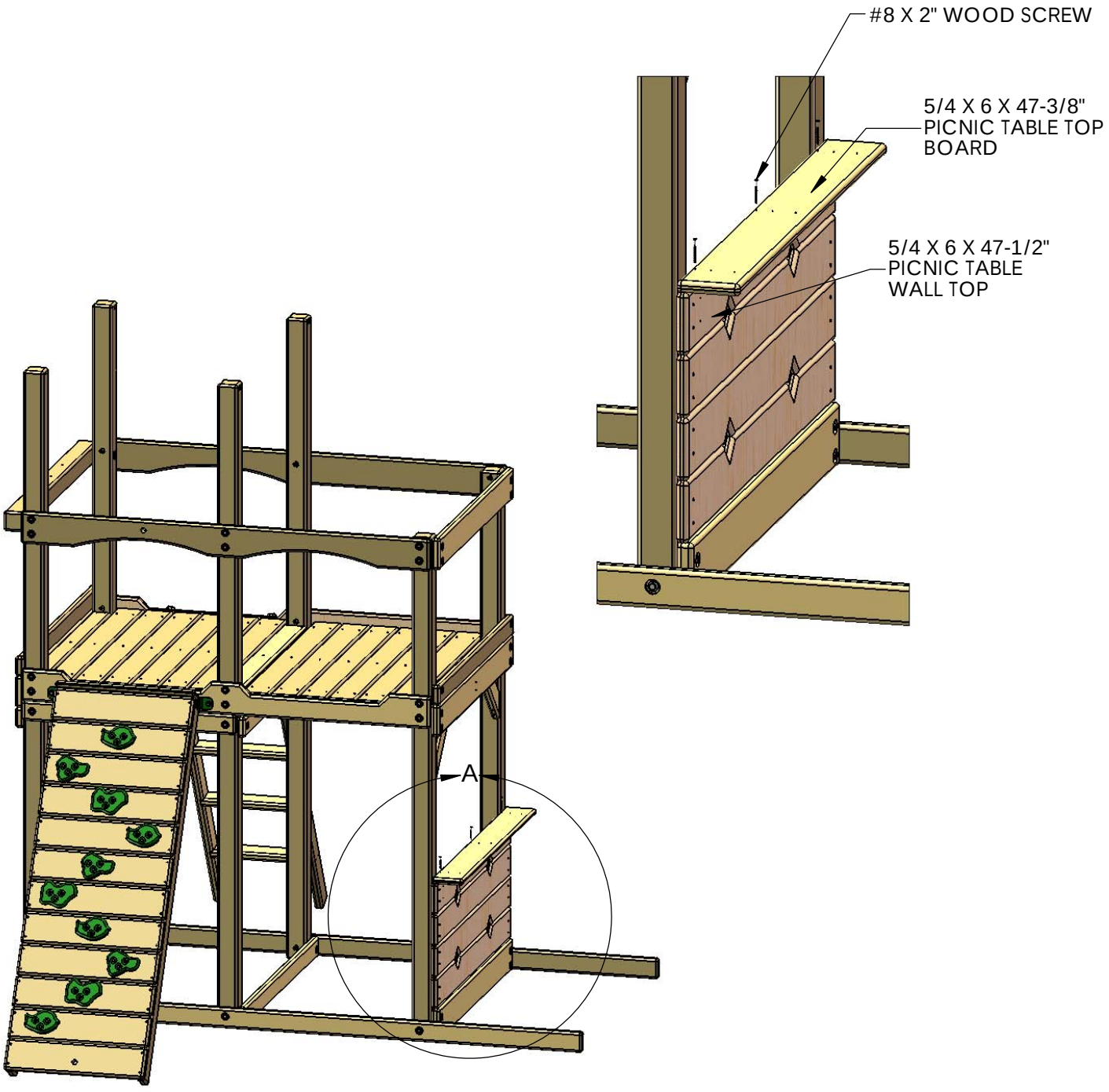
2: PLACE THE 5/4 X 6 X 47-1/2" PICNIC TABLE WALL TOP (WITH TEN HOLES)ON TOP OF THE 5/4 X 6 X 47-1/2" PICNIC TABLE WALL BOTTOM. FASTEN TO THE CORNER POSTS RIGHT WITH #8 X 2" WOOD SCREWS AS SHOWN BELOW.





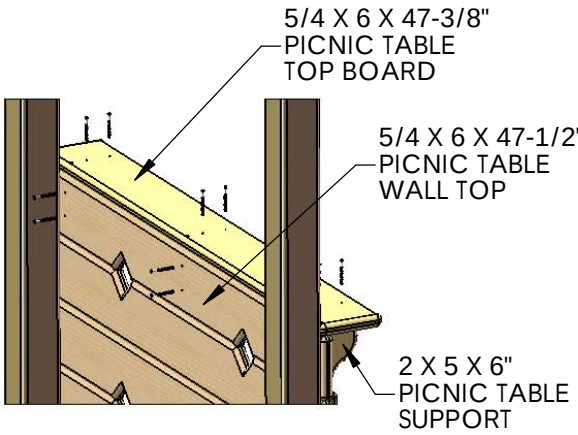
STEP 25: PICNIC TABLE TOP BOARD

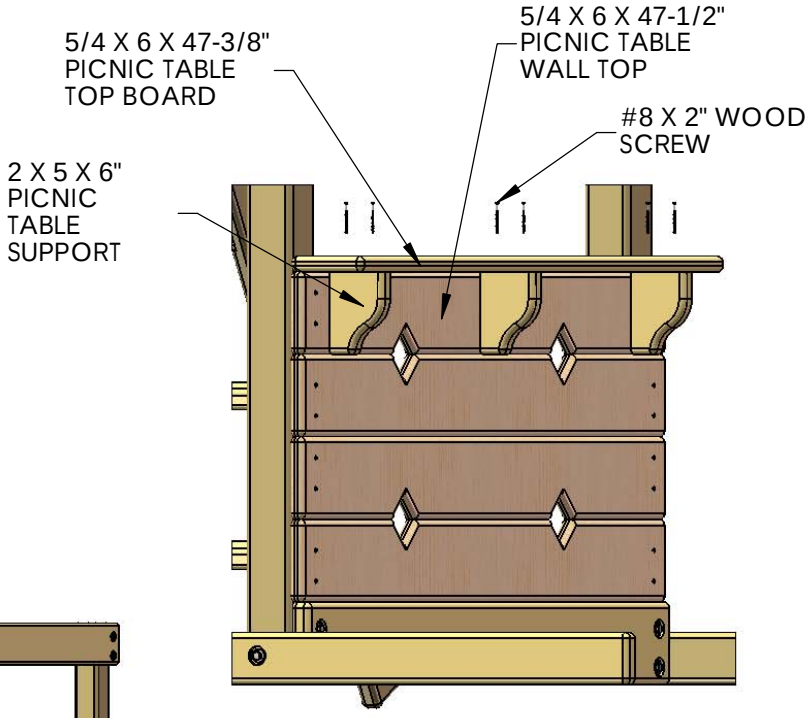
1: PLACE THE 5/4 X 6 X 47-3/8" PICNIC TABLE TOP BOARD (WITH NINE HOLES)HORIZONTALLY ON TOP OF THE 5/4 X 6 X 47-1/2" PICNIC TABLE WALL TOP. FASTEN TO THE 5/4 X 6 X 47-1/2" PICNIC TABLE WALL TOP WITH THREE #8 X 2" WOOD SCREWS. AS SHOWN BELOW.

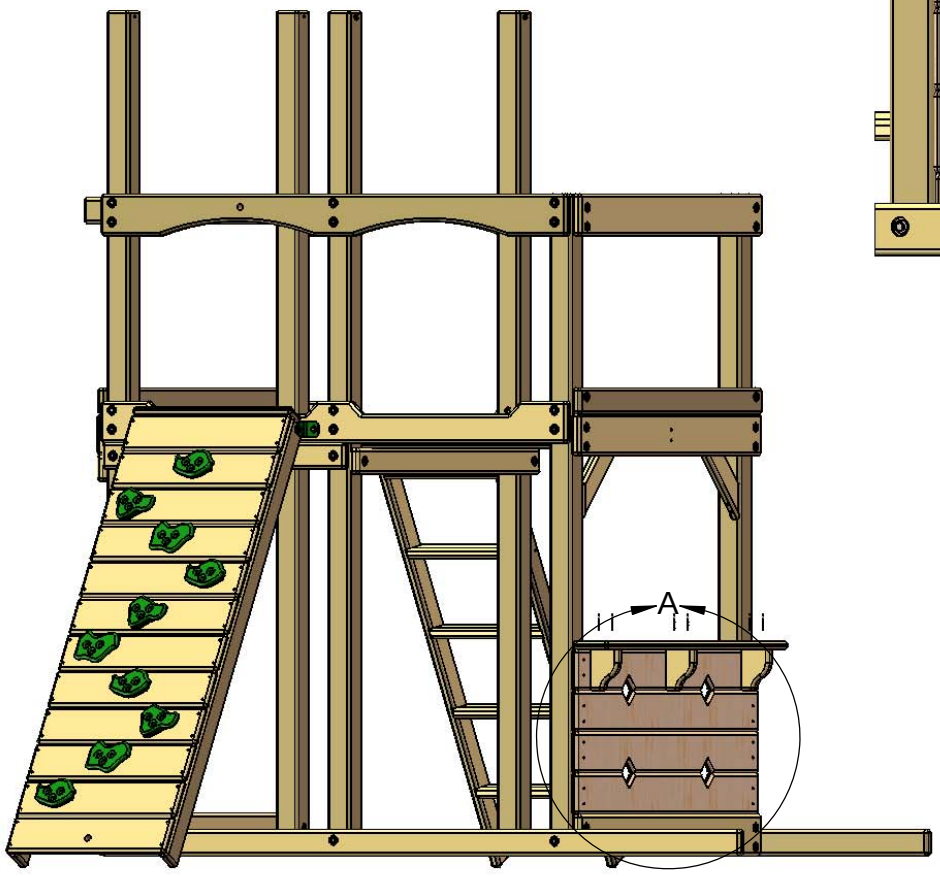


STEP 26: PICNIC TABLE SUPPORT

1: PLACE THREE 2 X 5 X 6" PICNIC TABLE SUPPORTS AGAINST THE 5/4 X 6 X 47-3/8" PICNIC TABLE TOP BOARD AND THE 5/4 X 6 X 47-1/2" PICNIC TABLE WALL TOP. THE ANGLE SUPPORTS SHOULD BE CENTERED UNDER/BEHIND THE PRE-DRILLED HOLES . FASTEN THE 2 X 5 X 6" PICNIC TABLE SUPPORTS WITH #8 X 2" WOOD SCREWS.





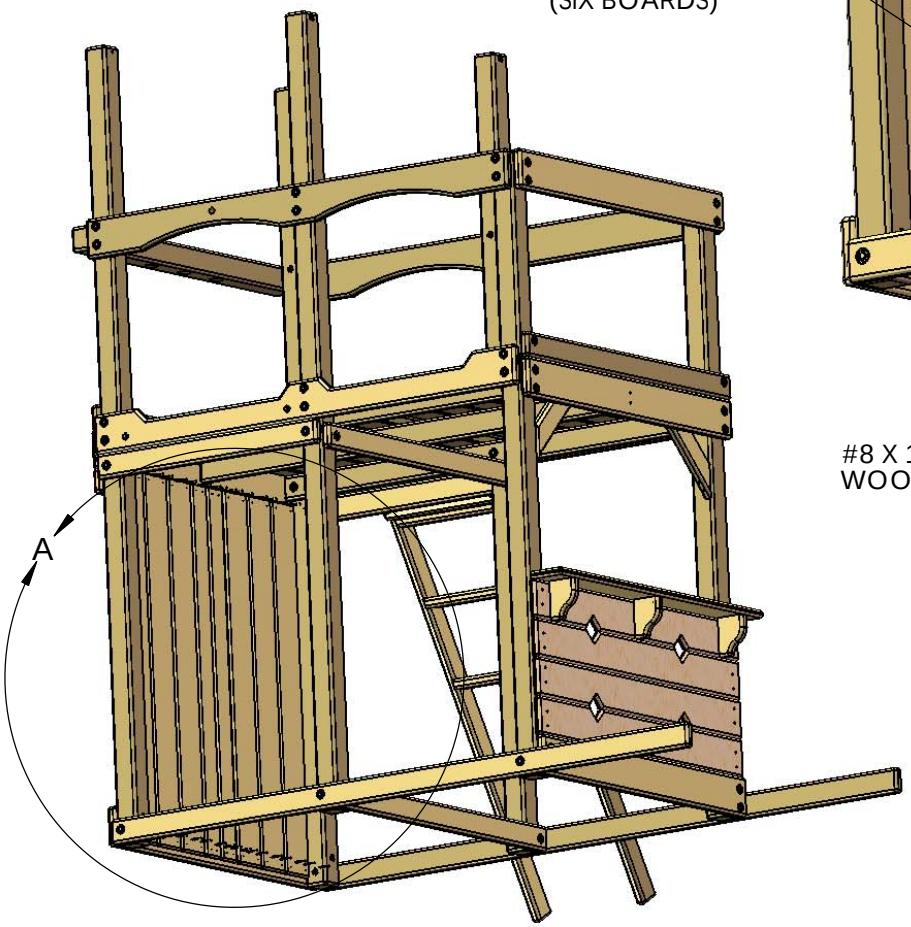


STEP 27: LEFT SIDE WALL BOARDS

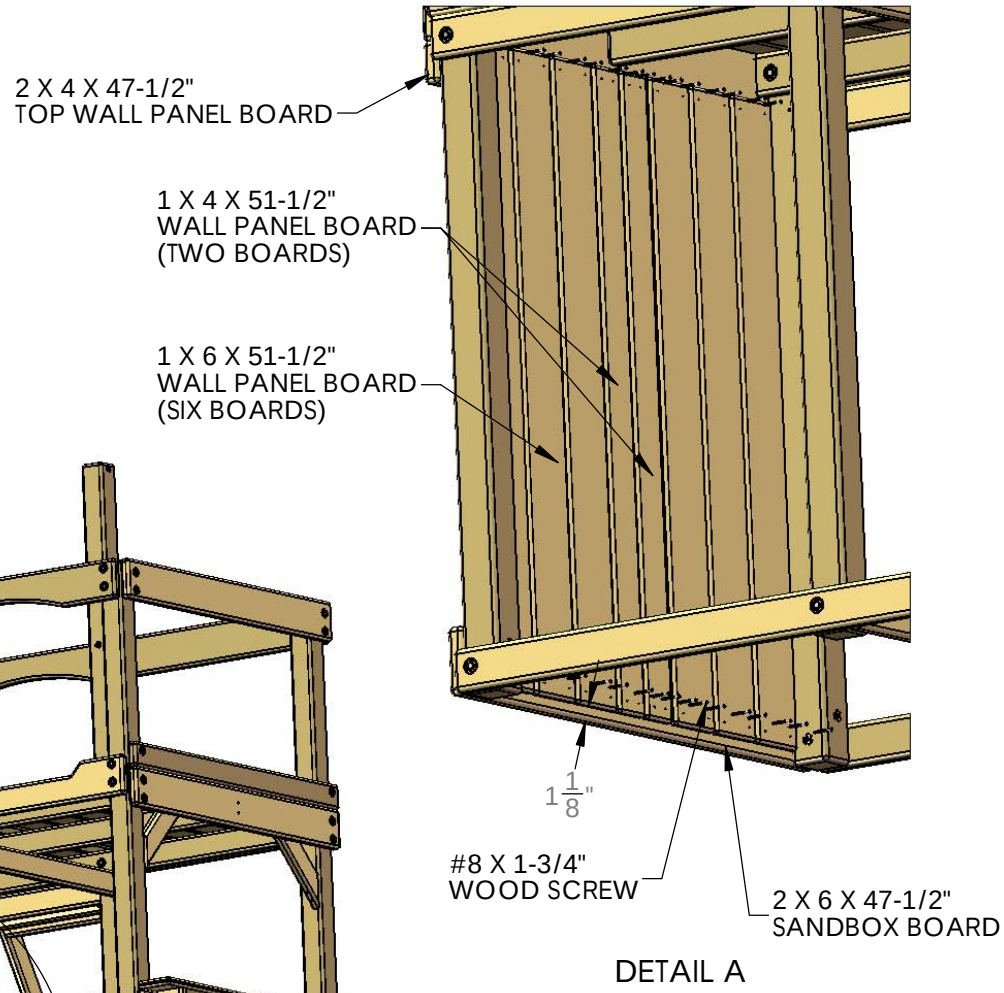
1: FIND SIX 1 X 6 X 51-1/2" WALL PANEL BOARDS AND TWO 1 X 4 X 51-1/2" WALL PANEL BOARDS WITH PRE-DRILL HOLES.

2: PLACE WALL PANEL BOARDS ON THE LEFT SIDE OF THE FORT AGAINST THE TOP WALL PANEL BOARD AND SANDBOX BOARD AS SHOWN BELOW. THE BOTTOM OF THE WALL PANEL BOARDS SHOULD BE 1-1/8 " ABOVE THE BOTTOM OF THE SANDBOX BOARD.

3: ATTACH TO THE WALL PANEL BOARD AND SANDBOX BOARD USING #8 X 1-3/4" WOOD SCREWS LEAVING 1/4" SPACES BETWEEN THE BOARDS.



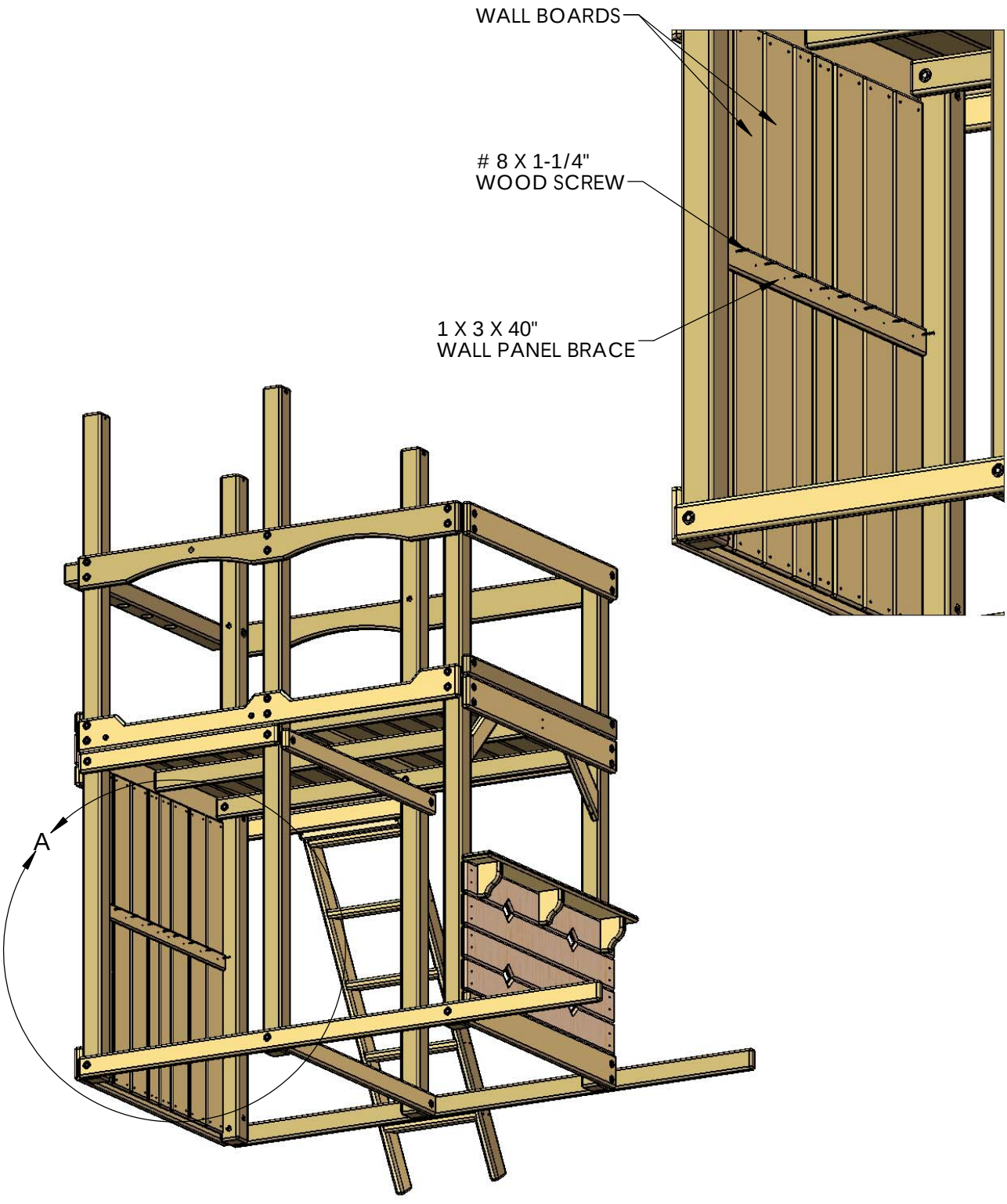
NOTE: ROCK WALL REMOVED FOR CLARITY.



DETAIL A

STEP 28: ATTACHING WALL PANEL BRACE

1: PLACE THE 1 X 3 X 40" WALL PANEL BRACE AT CENTER OF THE WALL PANEL BOARDS. FASTEN WITH # 8 X 1-1/4" WOOD SCREWS.



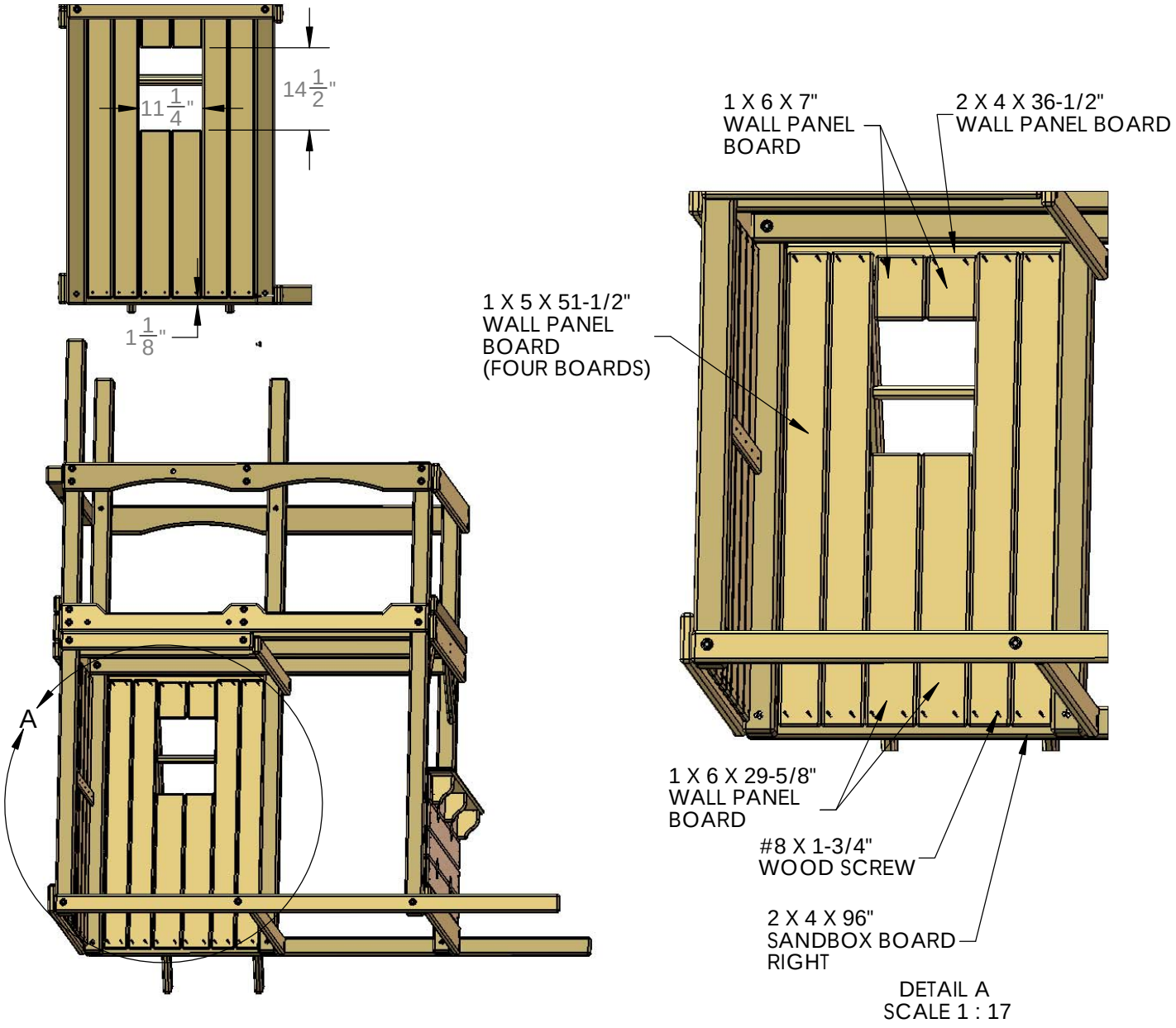
STEP 29: FRONT AND REAR WALL PANEL BOARD

1: FIND FOUR 1 X 5 X 51-1/2" WALL PANEL BOARDS, TWO 1 X 6 X 29-5/8" WALL PANEL BOARDS AND TWO 1 X 6 X 7" WALL PANEL BOARDS WITH PRE-DRILLED HOLES.

2: PLACE WALL BOARDS INSIDE THE REAR OF THE FORT AGAINST THE WALL PANEL BOARD AND SANDBOX BOARD RIGHT AS SHOWN BELOW. THE BOTTOM OF THE WALL PANEL BOARDS SHOULD BE 1-1/8 " ABOVE THE BOTTOM OF THE SANDBOX BOARD RIGHT. THE DIMENSIONS FOR ATTACHING THE WINDOWS ARE SHOWN BELOW.

3: ATTACH THE WALL PANEL BOARDS USING #8 X 1-3/4" WOOD SCREWS LEAVING 1/4" SPACES BETWEEN THE BOARDS.

4: REPEAT SUBSTEPS 1-3 FOR THE FRONT SIDE OF THE FORT.

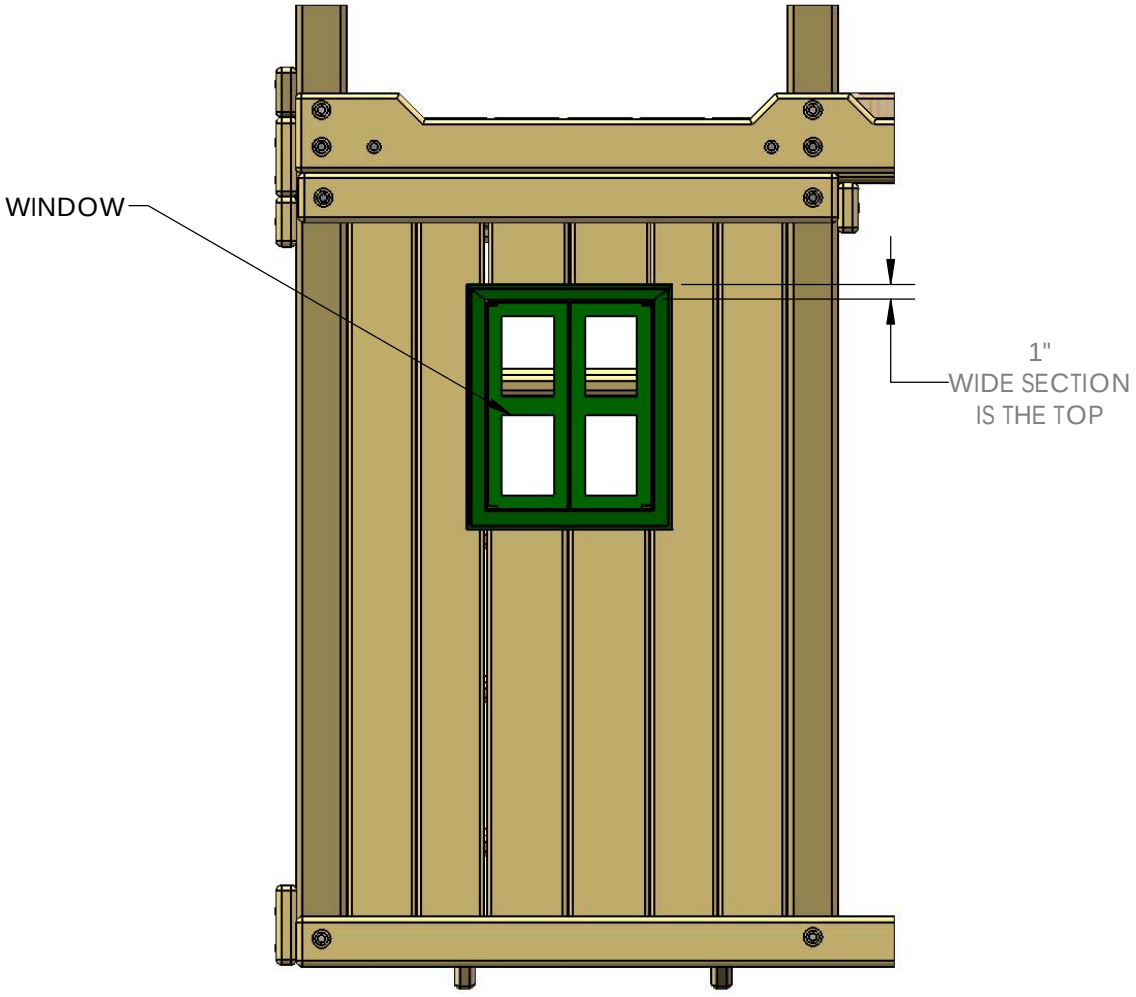


DETAIL A
SCALE 1 : 17

NOTE: ROCK WALL AND FRONT CORNER POST MIDDLE REMOVED FOR CLARITY.

STEP 30: INSTALL WINDOWS

1: FIND TWO PLASTIC WINDOWS. PLACE EACH WINDOW ON THE FRONT AND REAR OF THE FORT IN THE OPENING WITH THE 1" WIDE SECTION OF THE WINDOW FRAME AT THE TOP. ATTACH EACH WINDOW WITH FOUR 1-1/4" WOOD SCREWS.

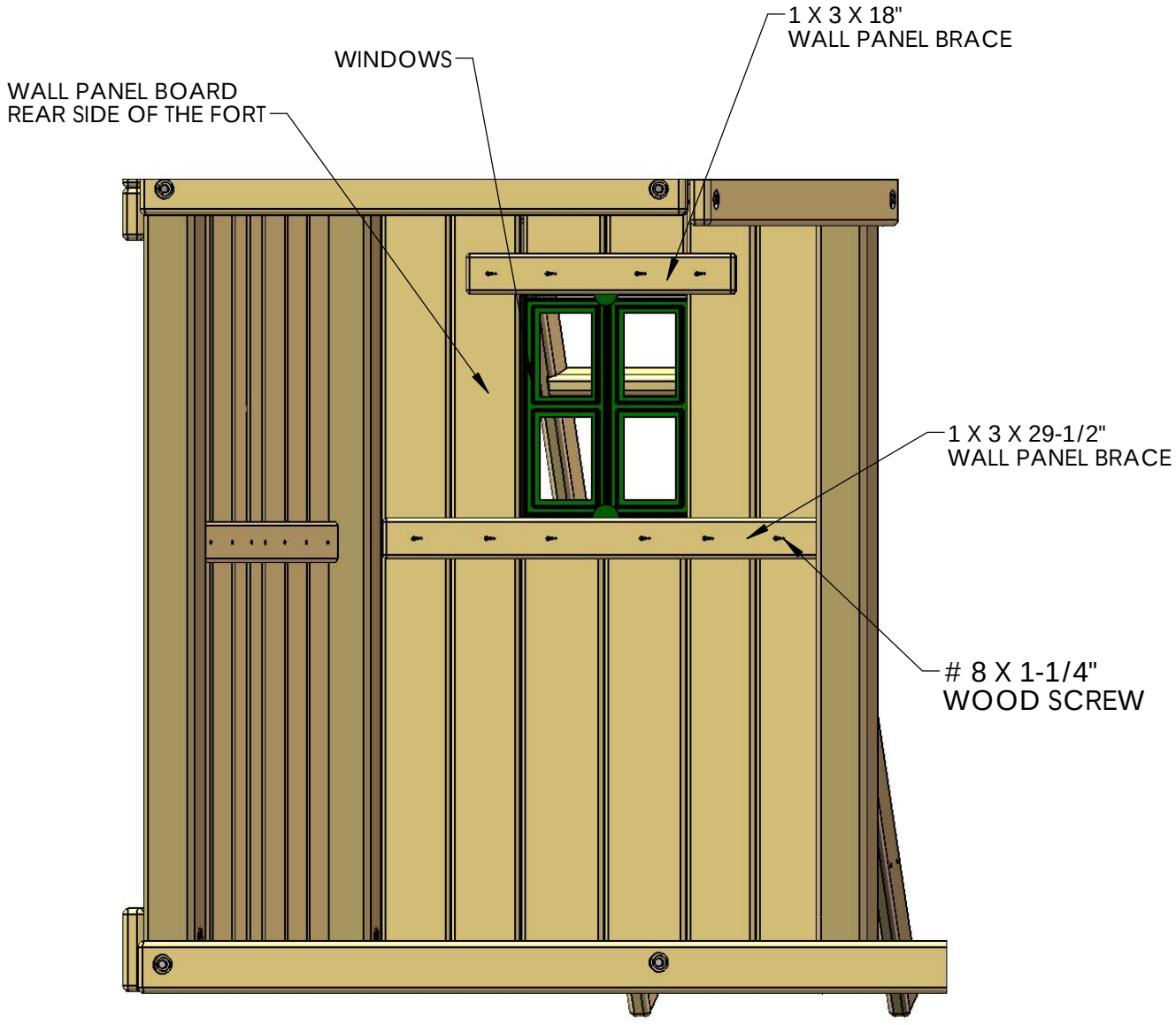


STEP 31: ATTACHING WALL PANEL BRACE

1: PLACE THE 1 X 3 X 29-1/2" WALL PANEL BRACE FLUSH WITH THE BOTTOM OF THE WINDOWS. FASTEN WITH # 8 X 1-1/4" WOOD SCREWS.

2: PLACE THE 1 X 3 X 18" WALL PANEL BRACE FLUSH WITH THE TOP OF THE WINDOWS. FASTEN WITH # 8 X 1-1/4" WOOD SCREWS.

3: REPEAT SUBSTEPS 1-2 FOR THE FRONT SIDE OF THE FORT.



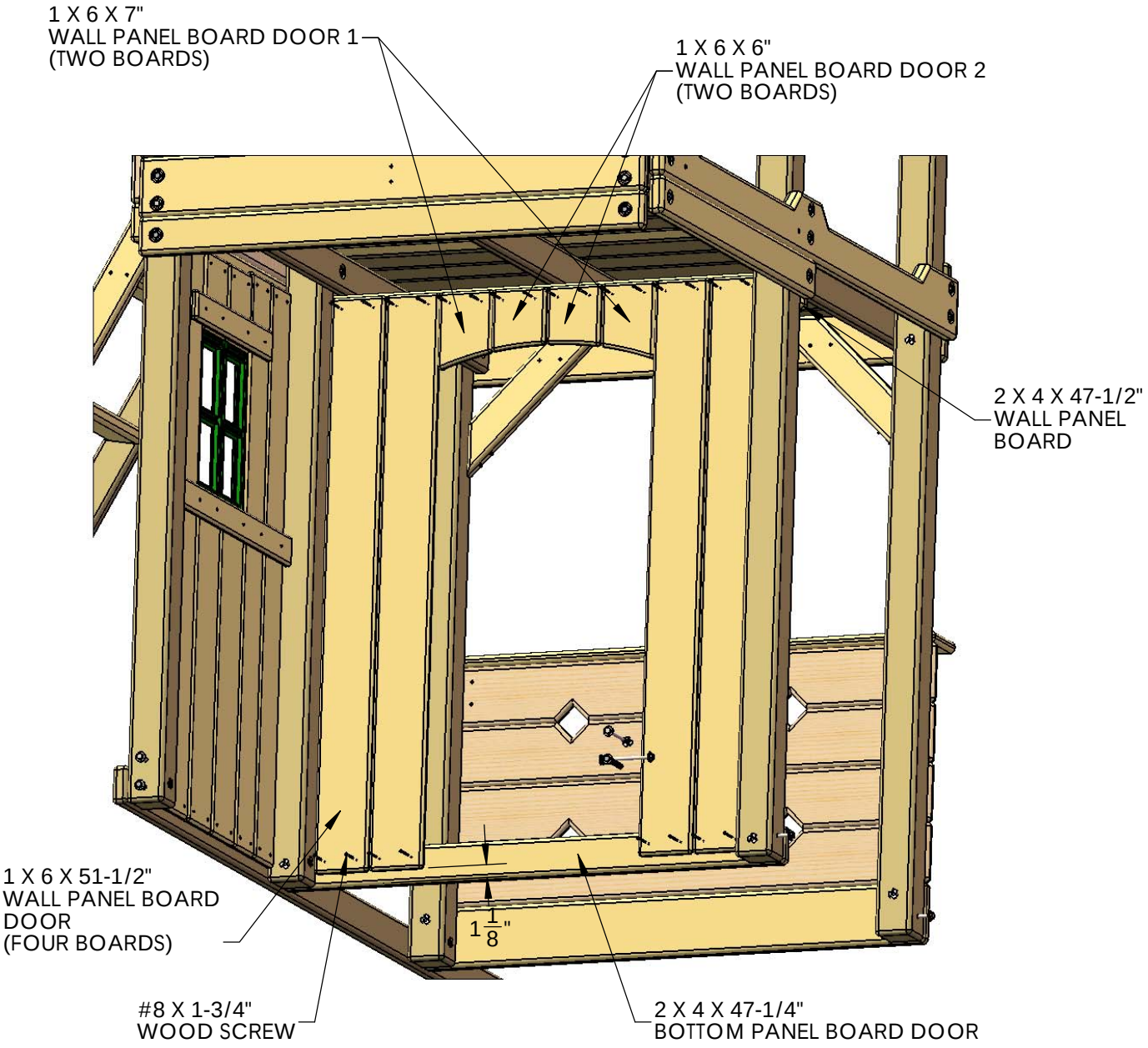
NOTE: ROCK WALL, FRONT CORNER POST MIDDLE AND FRONT WALL REMOVED FOR CLARITY.

STEP 32: RIGHT SIDE WALL PANEL BOARD

1: FIND FOUR 1 X 6 X 51-1/2" WALL PANEL BOARDS, TWO 1 X 6 X 7" WALL PANEL BOARD DOOR 1 AND TWO 1 X 6 X 6" WALL PANEL BOARD DOOR 2 WITH PRE-DRILLED HOLES.

2: PLACE WALL BOARD BETWEEN THE CORNER POST MIDDLE AGAINST THE WALL PANEL BOARD AND 2 X 4 X 47-1/4" BOTTOM PANEL BOARD DOOR AS SHOWN BELOW. THE BOTTOM OF THE WALL PANEL BOARD SHOULD BE 1-1/8 " ABOVE THE BOTTOM OF THE 2 X 4 X 47-1/4" BOTTOM PANEL BOARD DOOR . USE #8 X 1-3/4" WOOD SCREWS .

3: PLACE WALL BOARD DOOR BETWEEN THE WALL BOARDS AGAINST THE WALL PANEL BOARD AS SHOWN BELOW. THE TOP OF THE WALL BOARD DOOR SHOULD BE FLUSH WITH TOP OF THE WALL BOARDS. USE #8 X 1-3/4" WOOD SCREWS LEAVING A 1/4" SPACE BETWEEN THE BOARDS.

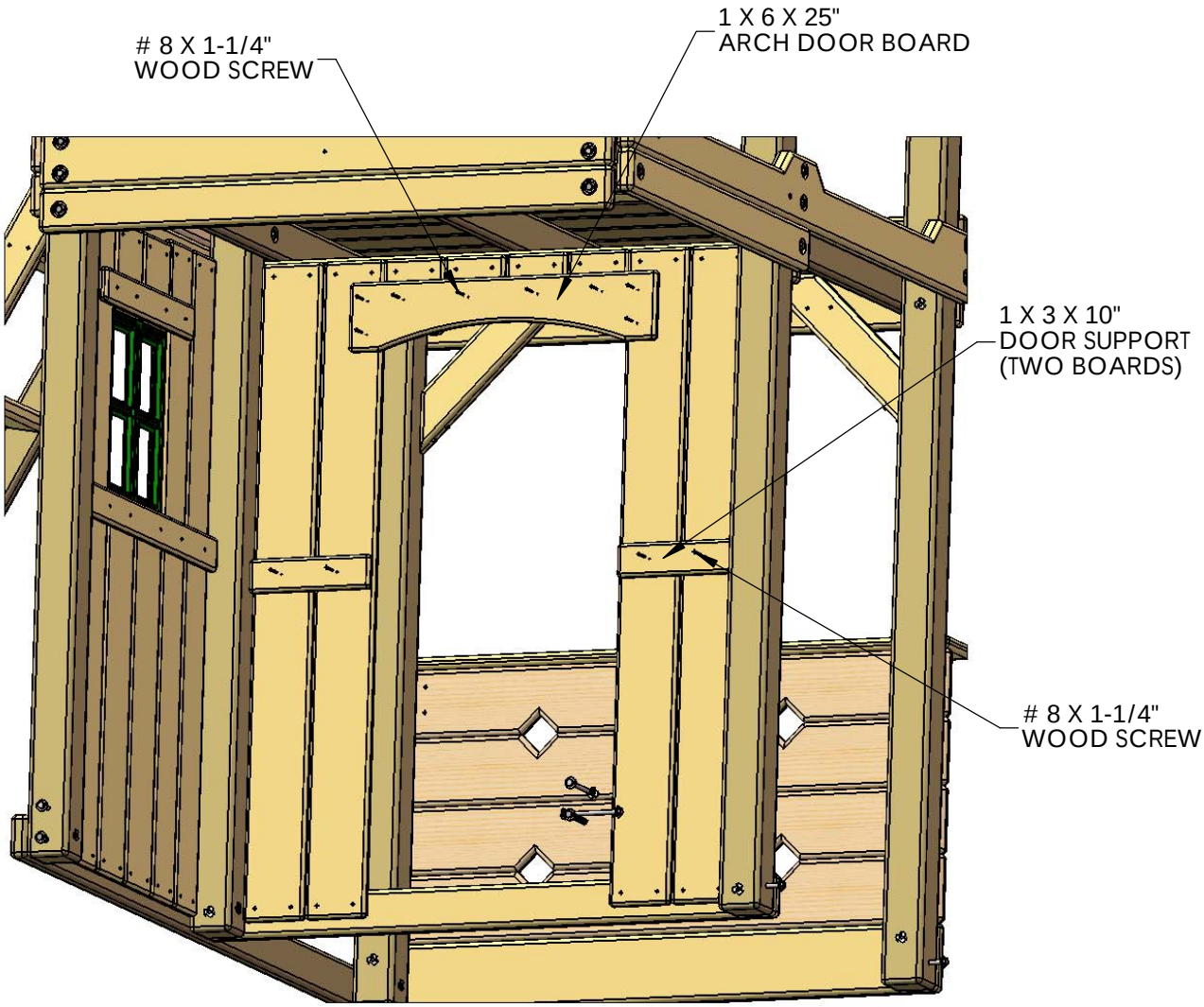


NOTE: LEFT WALL AND FRONT WALL REMOVED FOR CLARITY.

STEP 33: ATTACHING DOOR SUPPORTS

1: PLACE THE 1 X 3 X 10" DOOR SUPPORT CENTERED ON THE WALL PANEL BOARDS. FASTEN WITH #8 X 1-1/4" WOOD SCREWS.

2: PLACE THE 1 X 6 X 25" ARCH DOOR BOARD FLUSH WITH ARCH WALL PANEL BOARD DOOR. FASTEN WITH # 8 X 1-1/4" WOOD SCREWS.



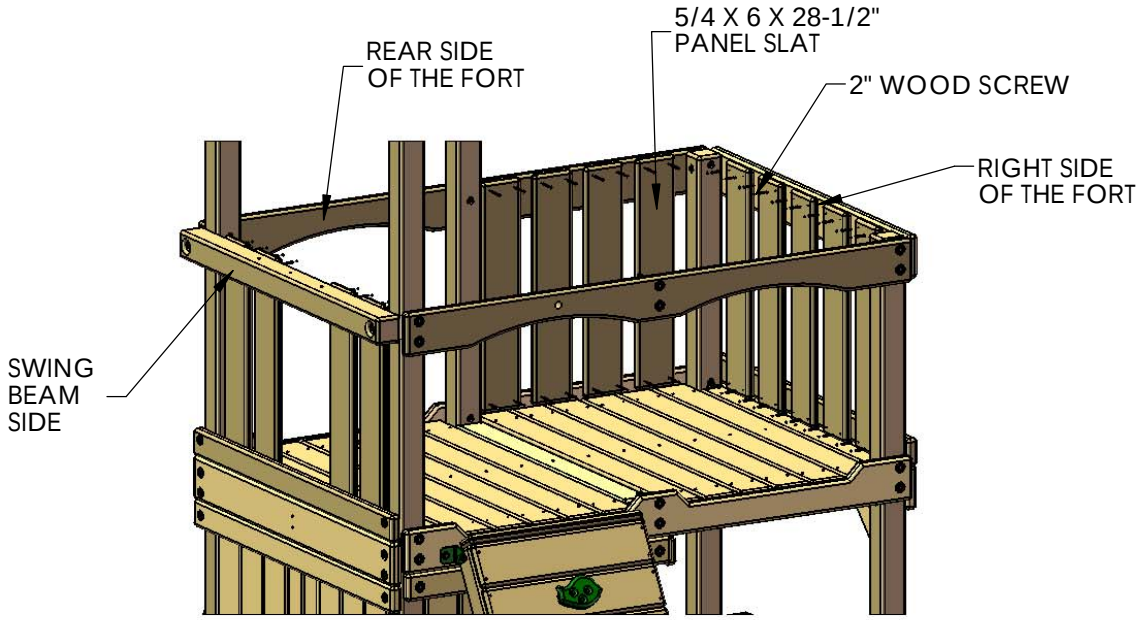
NOTE: LEFT WALL AND FRONT WALL REMOVED FOR CLARITY.

STEP 34: PANEL SLATS

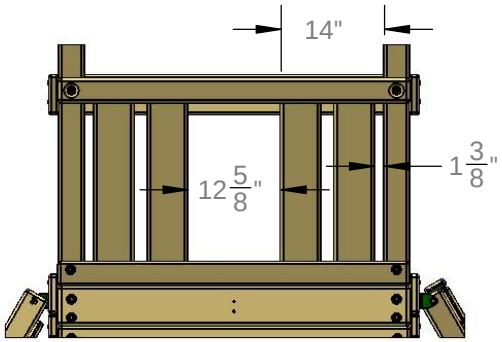
1: FIND THIRTEEN 5/4 X 6 X 28-1/2" PANEL SLATS

2: INSTALL THE PANEL SLATS AT EQUAL LENGTHS. SEE DETAIL BELOW FOR MEASUREMENTS.

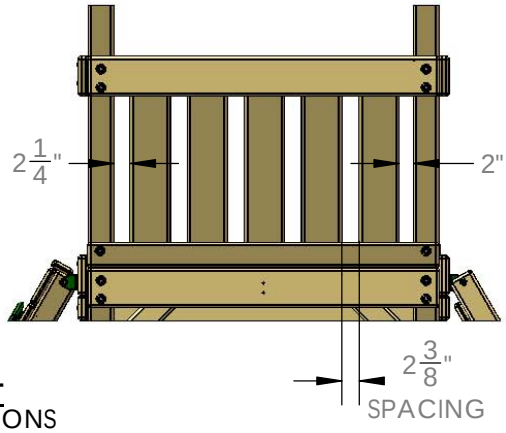
3: ATTACH THE PANEL SLATS TO THE FORT WITH 2" WOOD SCREWS IN THE PRE-DRILLED HOLES.



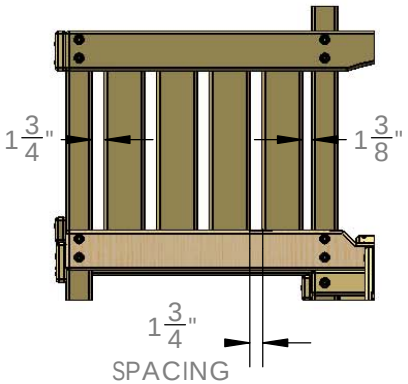
SWING BEAM SIDE
PANEL SLAT DIMENSIONS
(VIEW FROM OUTSIDE THE PLAY SET)



RIGHT SIDE OF THE FORT
WALL PANEL SLAT DIMENSIONS



REAR SIDE OF THE FORT
WALL PANEL SLAT DIMENSIONS



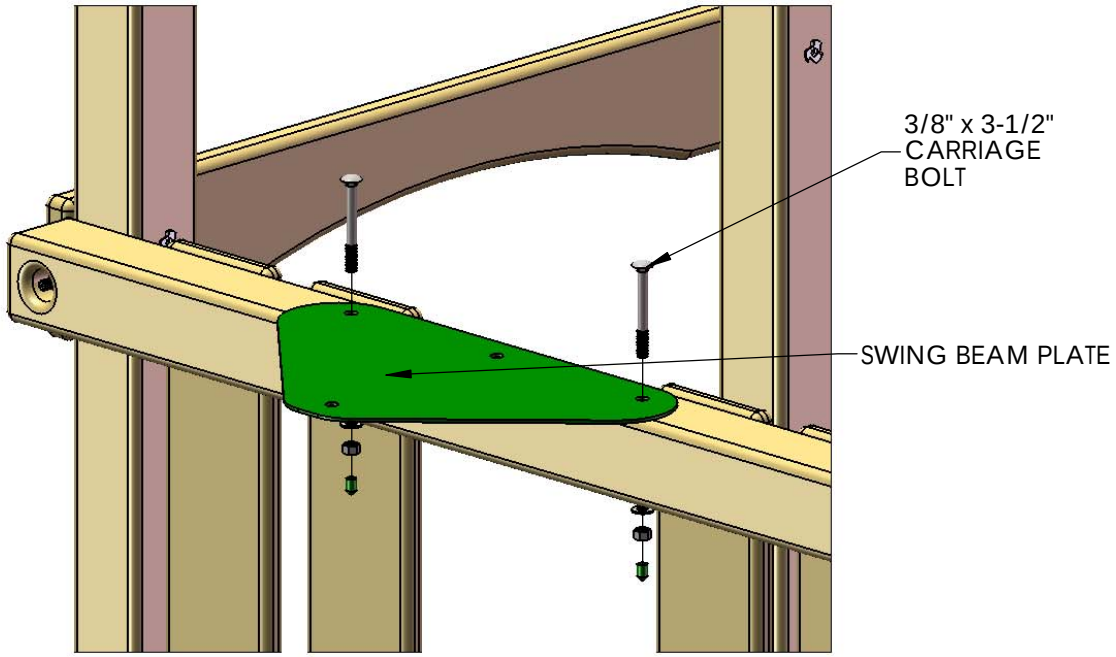
STEP 35: SWING BEAM PLATE

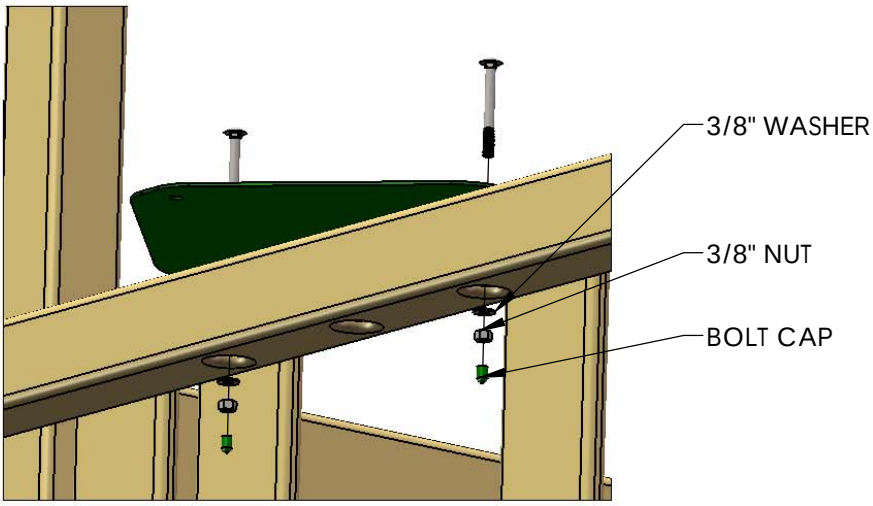
1: PLACE THE SWING BEAM PLATE ON TOP OF THE SWING BEAM MOUNT, LINING UP THE PILOT HOLES.

2: FASTEN THE SWING BEAM PLATE TO THE SWING BEAM MOUNT USING 3-1/2" CARRIAGE BOLTS ON TOP, AND 3/8" LOCK NUTS WITH 3/8" WASHERS FROM UNDERNEATH, IN THE COUNTER-SUNK HOLES OF THE SWING BEAM MOUNT. USE BOLT CAPS TO COVER ANY EXPOSED THREADS.

3: LEAVE THE MIDDLE HOLE EMPTY, IT WILL BE USED LATER.

4: IF NECESSARY USE LOCKING PLIERS TO HOLD CARRIAGE BOLTS IN PLACE WHEN INSTALLING.



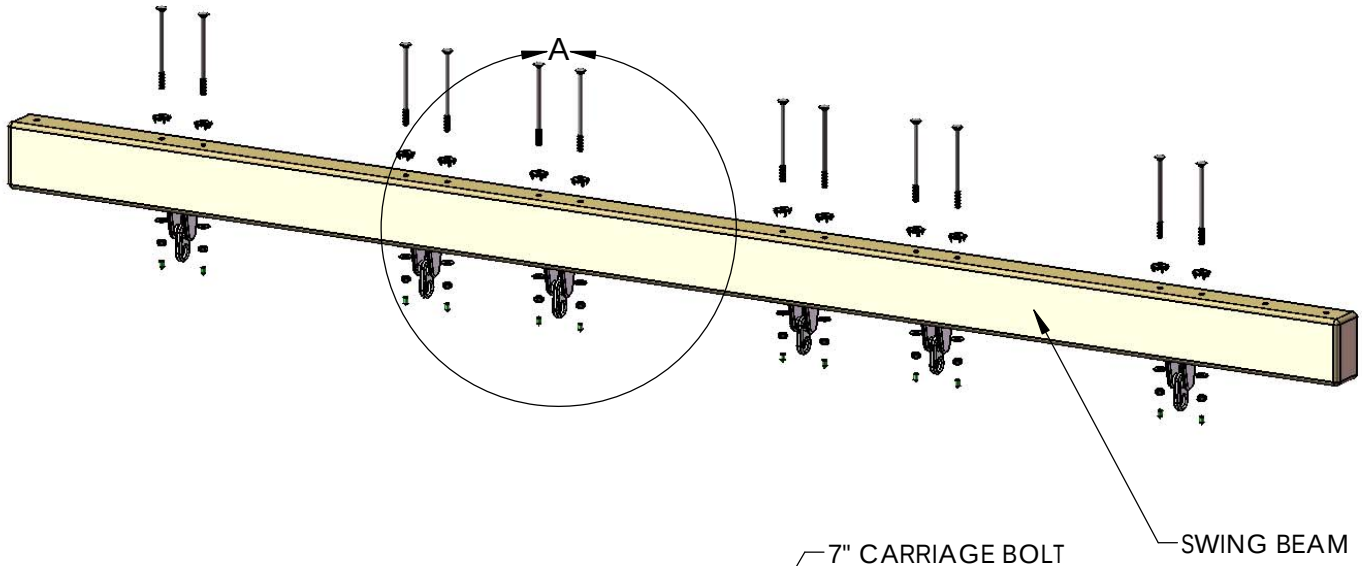


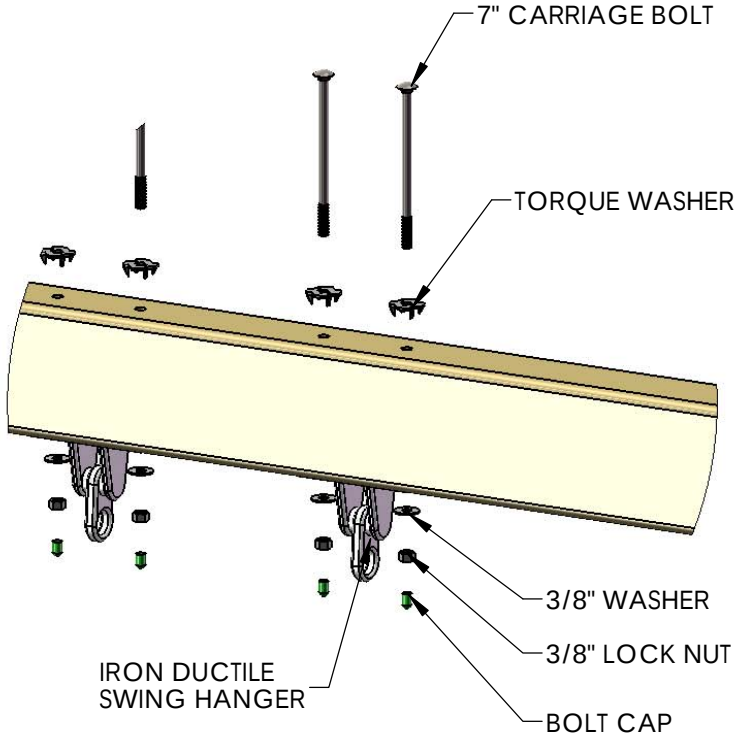
STEP 36: IRON DUCTILE SWING HANGERS

1: LINE UP THE HOLES OF THE IRON DUCTILE SWING HANGERS WITH THE HOLES IN THE SWING BEAM. IF YOUR BEAM IS BOWED SLIGHTLY PLACE THE BOW SIDE UP; THE SWING HANGERS WILL BE ON THE BOTTOM.

2: FASTEN EACH SWING HANGER TO THE SWING BEAM USING 7" CARRIAGE BOLTS WITH TORQUE WASHERS, AND 3/8" WASHERS WITH 3/8" LOCK NUTS.

3: PLACE BOLT CAPS OVER EXPOSED THREADS.



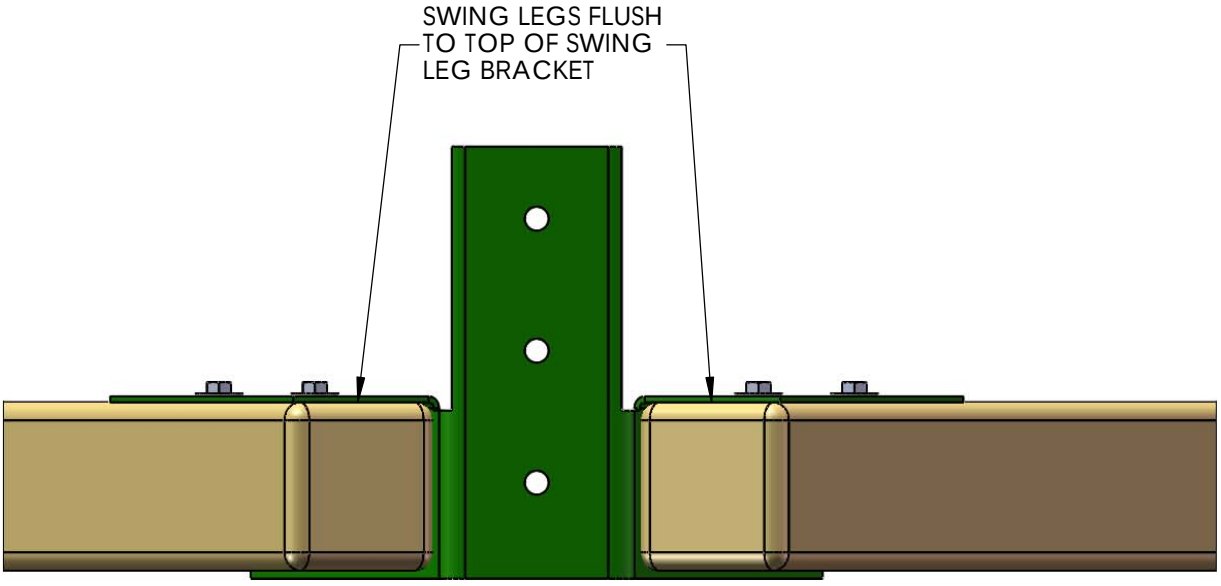


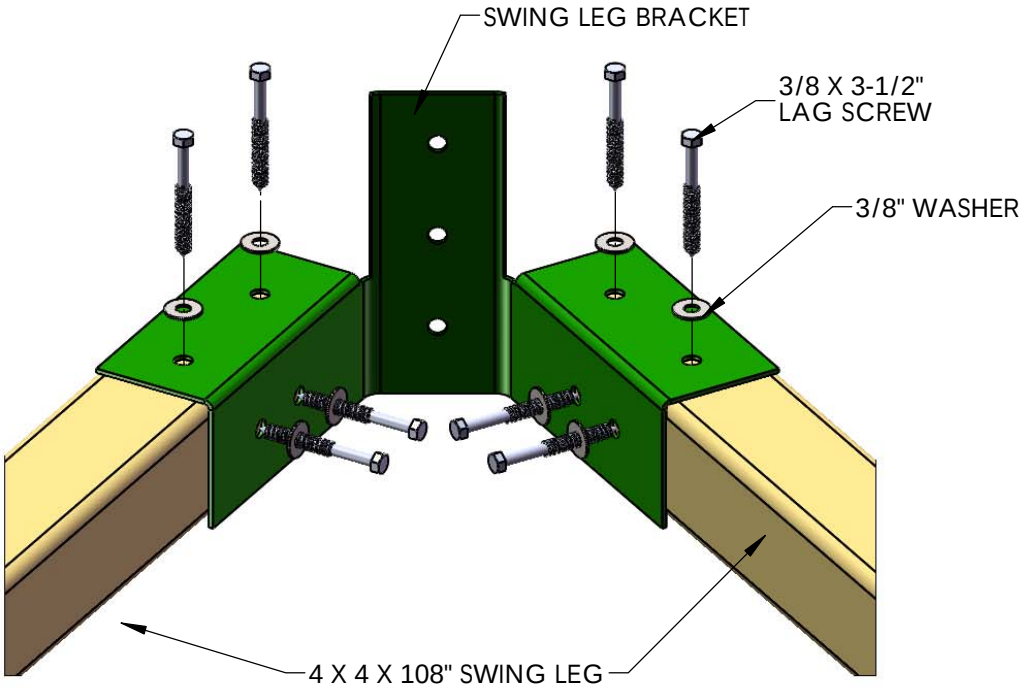
DETAIL A
SCALE 2 : 15

STEP 37: ATTACH SWING LEGS TO BRACKET

1: PLACE THE 4 X 4 X 108" SWING LEGS FLUSH TO THE TOP OF THE SWING LEG BRACKET.

2: FASTEN THE SWING LEGS TO THE SWING LEG BRACKET WITH 3/8 X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



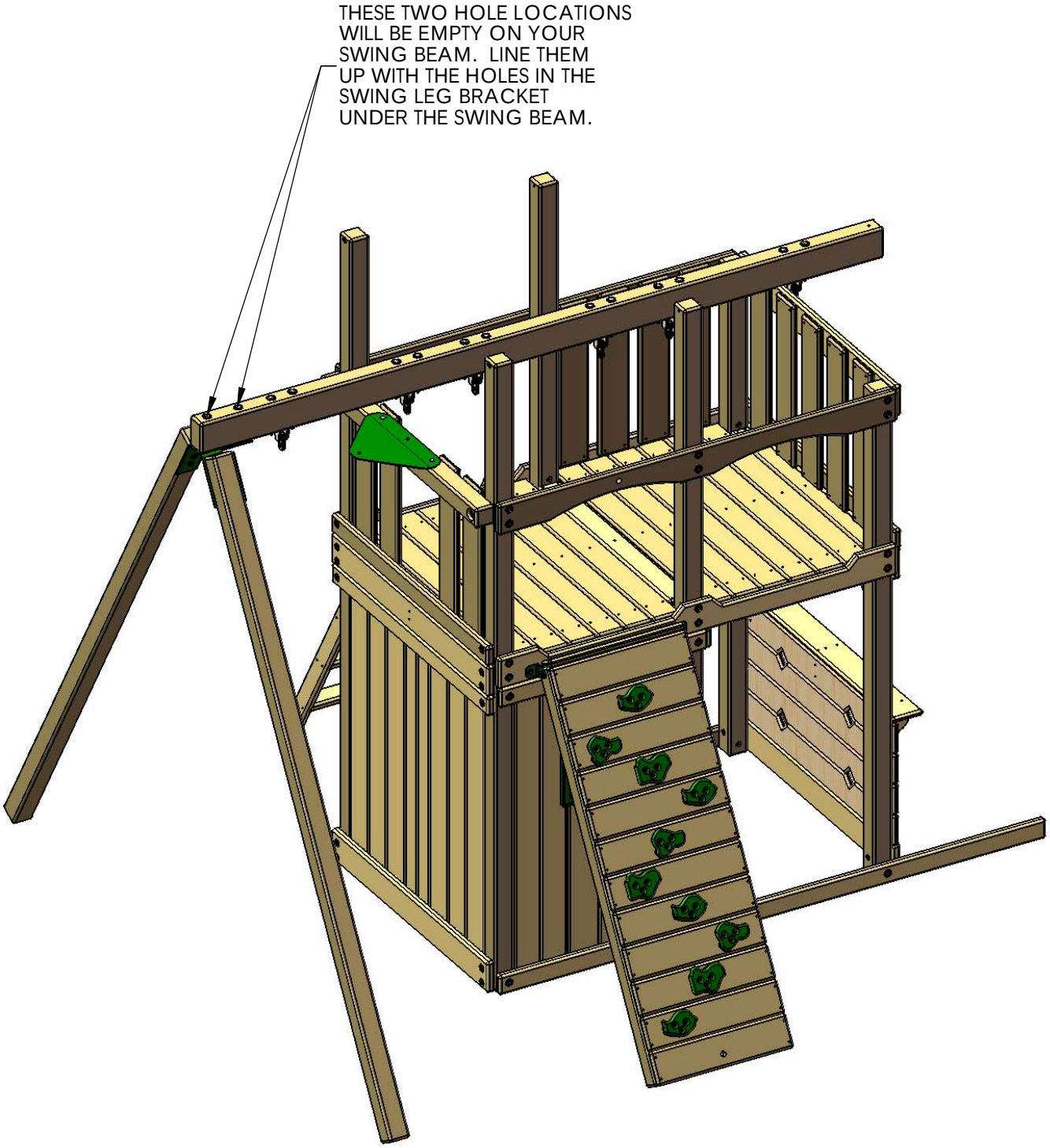


STEP 38: REST SWING BEAM ON FORT

AN EXTRA PERSON IS NEEDED FOR THIS STEP.

1: REST THE SWING BEAM ON TOP OF THE FORT RAILINGS. THE END OF THE SWING BEAM WITH TWO EMPTY HOLES SHOULD OVERHANG THE SIDE OF THE FORT WITH THE TRIANGULAR SWING BEAM PLATE.

2: SIT THE SWING BEAM LEGS UPRIGHT UNDER THE TWO EMPTY HOLES IN THE END OF THE SWING BEAM.

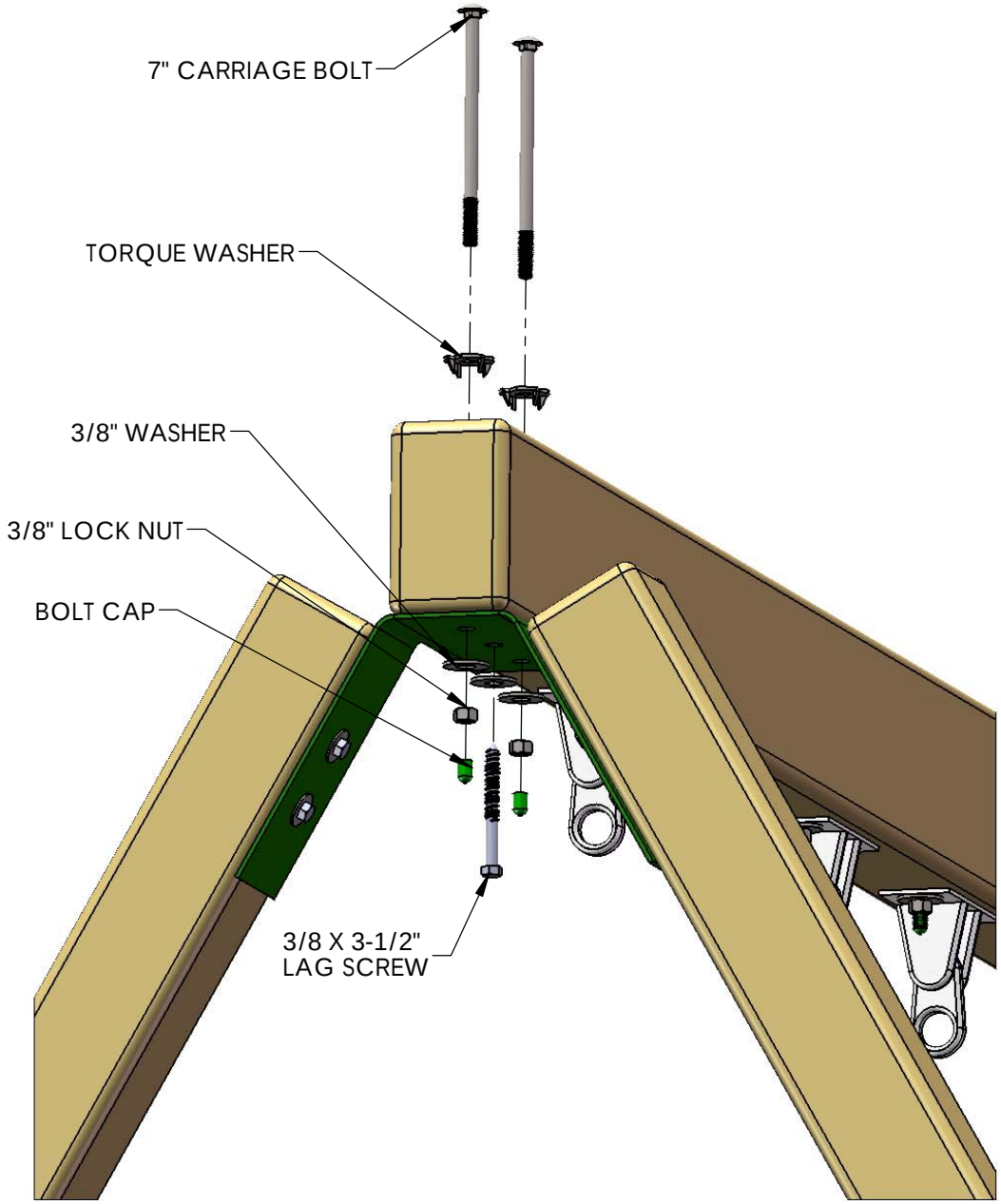


STEP 39: MOUNT SWING BEAM TO SWING BEAM LEGS

1: FASTEN THE SWING BEAM TO THE SWING BEAM BRACKET USING 7" CARRIAGE BOLTS WITH TORQUE WASHERS ON TOP OF THE SWING BEAM, AND 3/8" LOCK NUTS WITH 3/8" WASHERS FROM UNDERNEATH.

2: USE A 3/8 X 3-1/2" LAG SCREW WITH 3/8" WASHER FOR THE HOLE IN THE CENTER OF THE SWING BEAM BRACKET.

3: PLACE A BOLT CAP OVER ANY EXPOSED THREADS.



STEP 40: MOUNT SWING BEAM ON FORT

AN EXTRA PERSON IS NEEDED FOR THIS STEP.

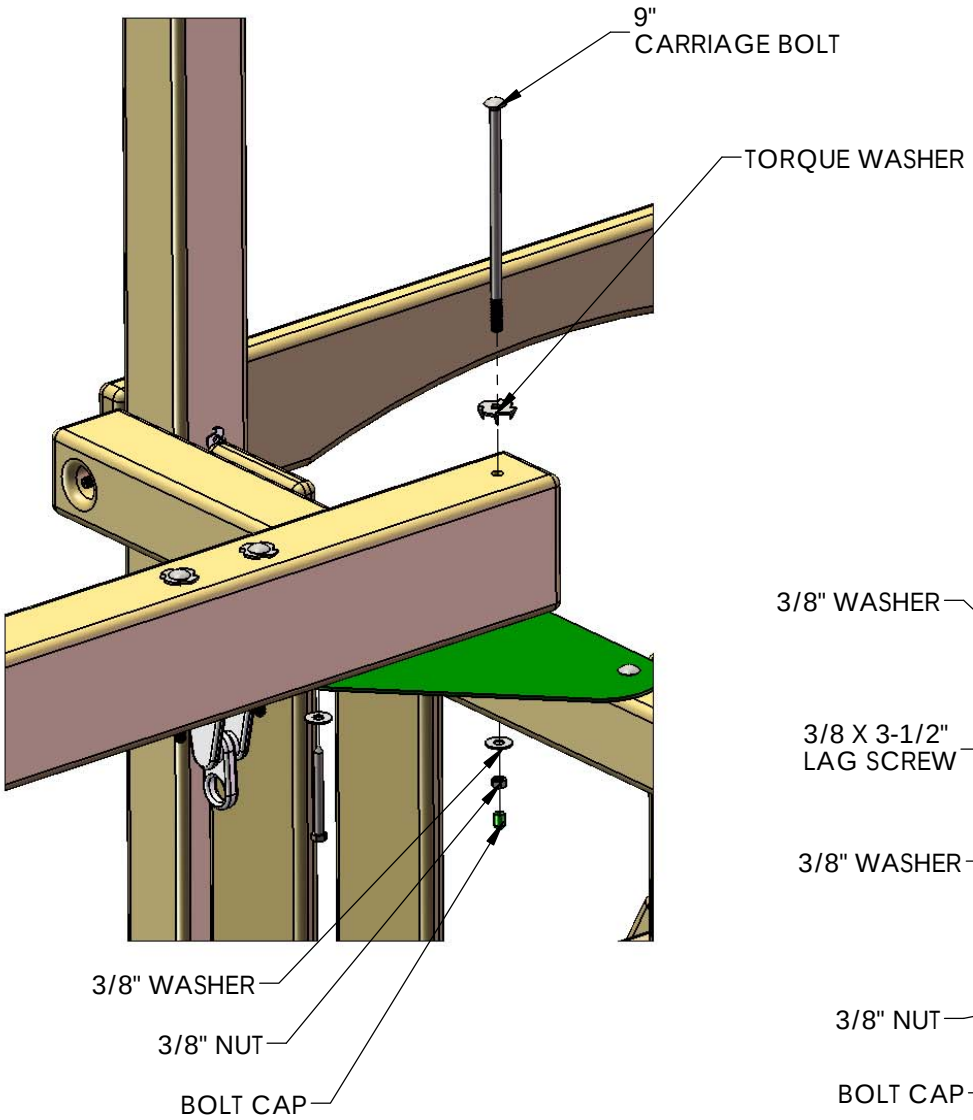
1: HAVE ONE PERSON WALK THE SWING BEAM OUT TO THE END OF THE FORT FROM INSIDE THE FORT WHILE THE OTHER PERSON CARRIES IT BY THE LEGS.

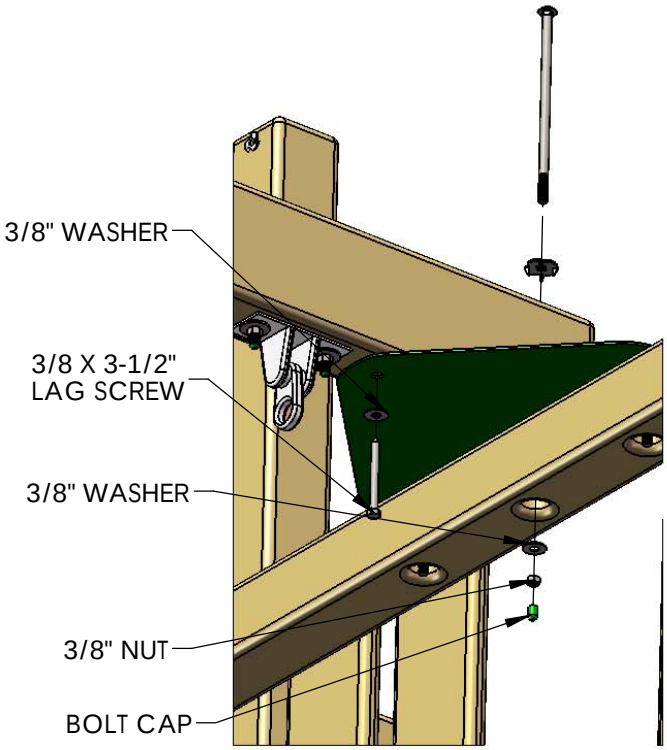
2: LINE UP THE PILOT HOLE AT THE END OF THE SWING BEAM WITH THE MIDDLE HOLE ON THE SWING BEAM PLATE.

3: FASTEN THE SWING BEAM TO THE SWING BEAM PLATE AND SWING BEAM SUPPORT USING A 9" CARRIAGE BOLT WITH A TORQUE WASHER ON TOP AND A 3/8" LOCK NUT AND WASHER ON THE BOTTOM. PLACE GREEN BOLT CAPS OVER EXPOSED THREADS AFTER SECURING.

4: FASTEN THE SWING BEAM TO THE SWING BEAM PLATE FROM UNDERNEATH WITH A 3/8 X 3-1/2" LAG SCREW AND 3/8" WASHER.

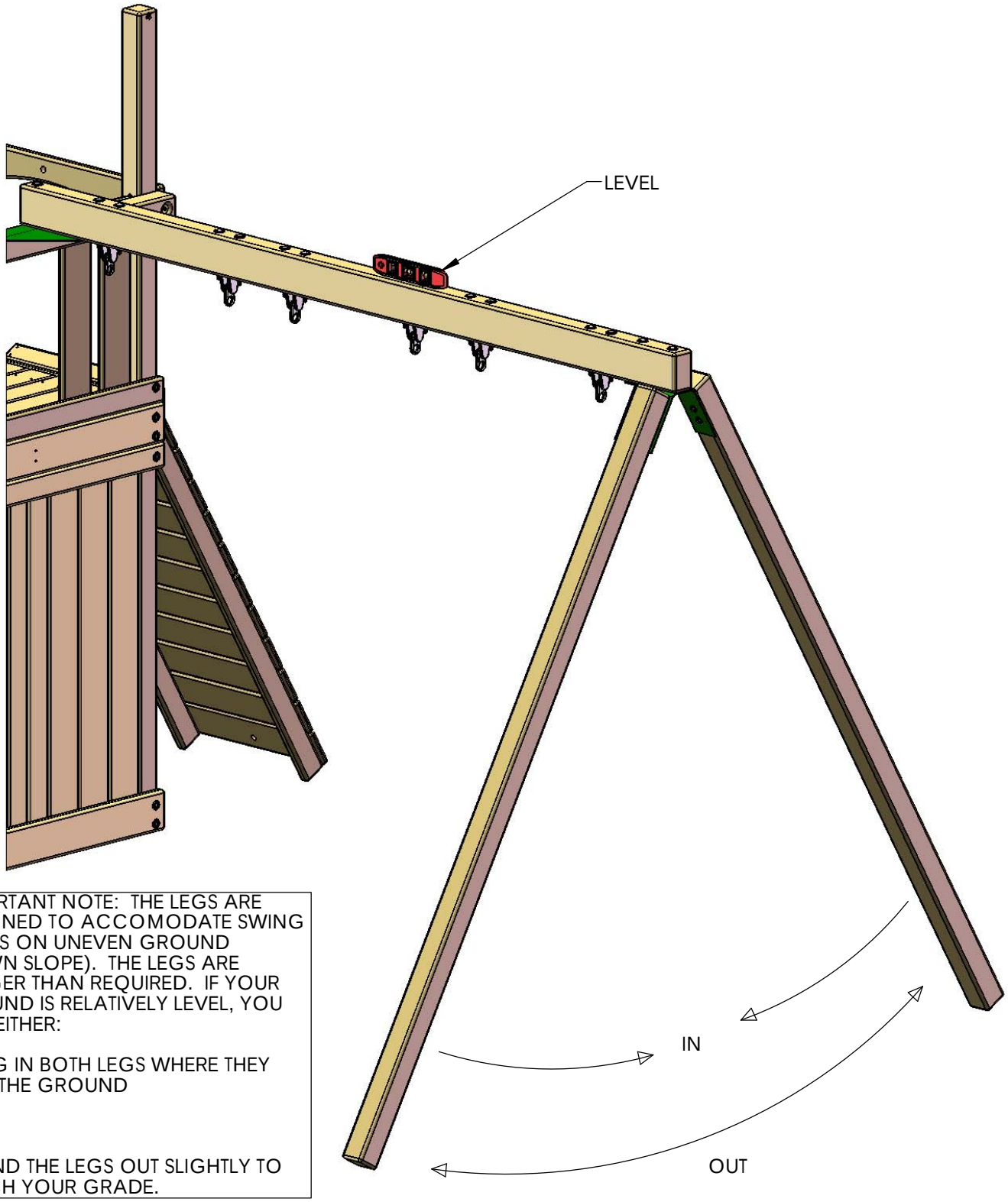
5: IF NECESSARY USE VISE GRIPS TO HOLD CARRIAGE BOLTS IN PLACE WHEN INSTALLING.





STEP 41: LEVEL SWING BEAM

1: PLACE A LEVEL ON TOP OF THE SWING BEAM AND ADJUST THE BEAM LEGS IN OR OUT AS NEEDED TO MAKE THE SWING BEAM LEVEL.



IMPORTANT NOTE: THE LEGS ARE DESIGNED TO ACCOMODATE SWING BEAMS ON UNEVEN GROUND (DOWN SLOPE). THE LEGS ARE LONGER THAN REQUIRED. IF YOUR GROUND IS RELATIVELY LEVEL, YOU MAY EITHER:

A) DIG IN BOTH LEGS WHERE THEY MEET THE GROUND

OR

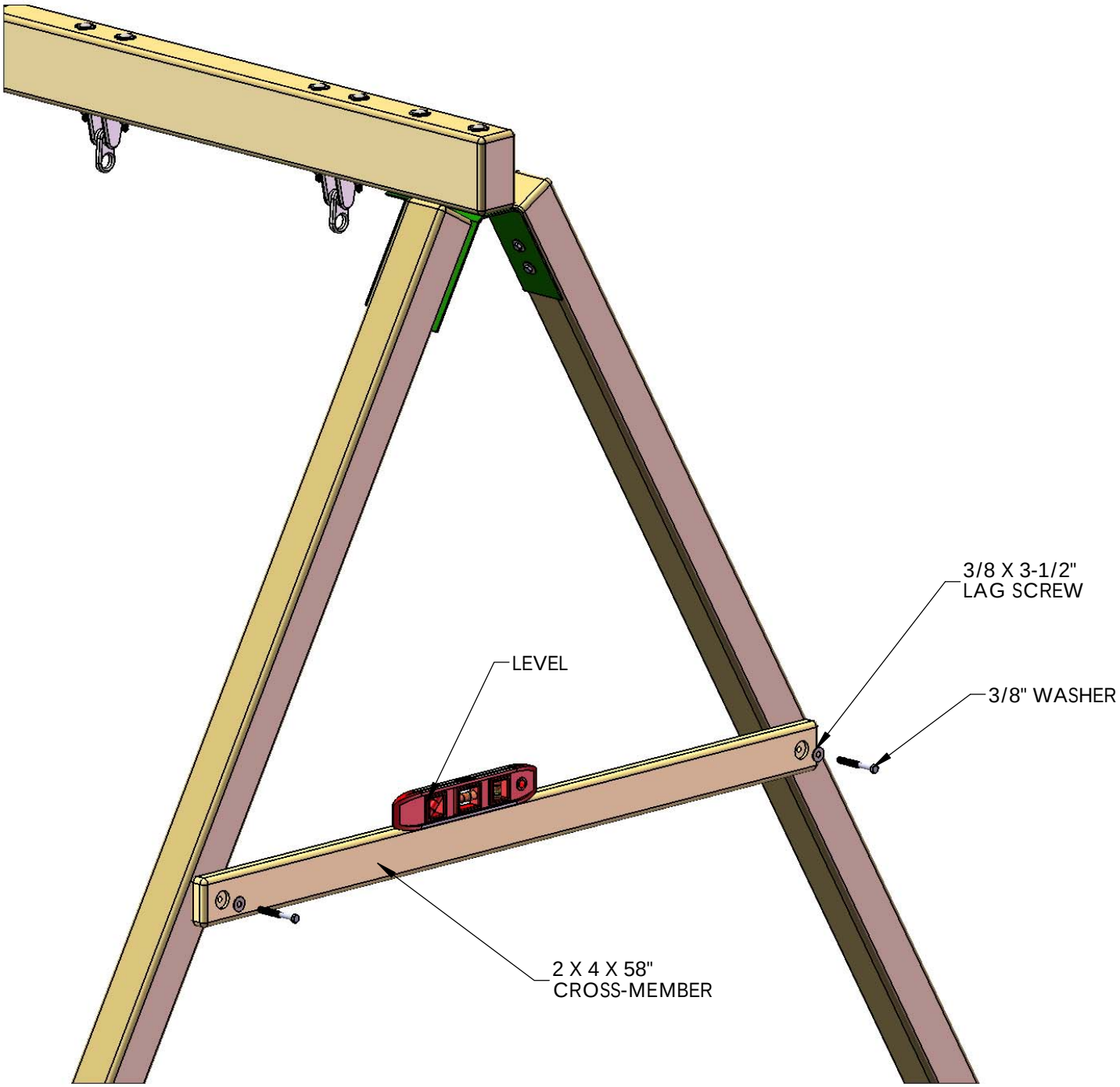
B) BEND THE LEGS OUT SLIGHTLY TO MATCH YOUR GRADE.

STEP 42: SWING LEG CROSS-MEMBER

1: POSITION THE 2 X 4 X 58" SWING LEG CROSS-MEMBER AGAINST THE SWING BEAM LEGS.

2: LEVEL CROSS-MEMBER AND MARK THE LOCATION OF THE SECURING HOLES INSIDE THE CROSS-MEMBER HOLES.

3: USE 3/8 X 3-1/2" LAG SCREWS WITH 3/8" WASHERS TO SECURE THE CROSS-MEMBER TO THE SWING BEAM LEGS.



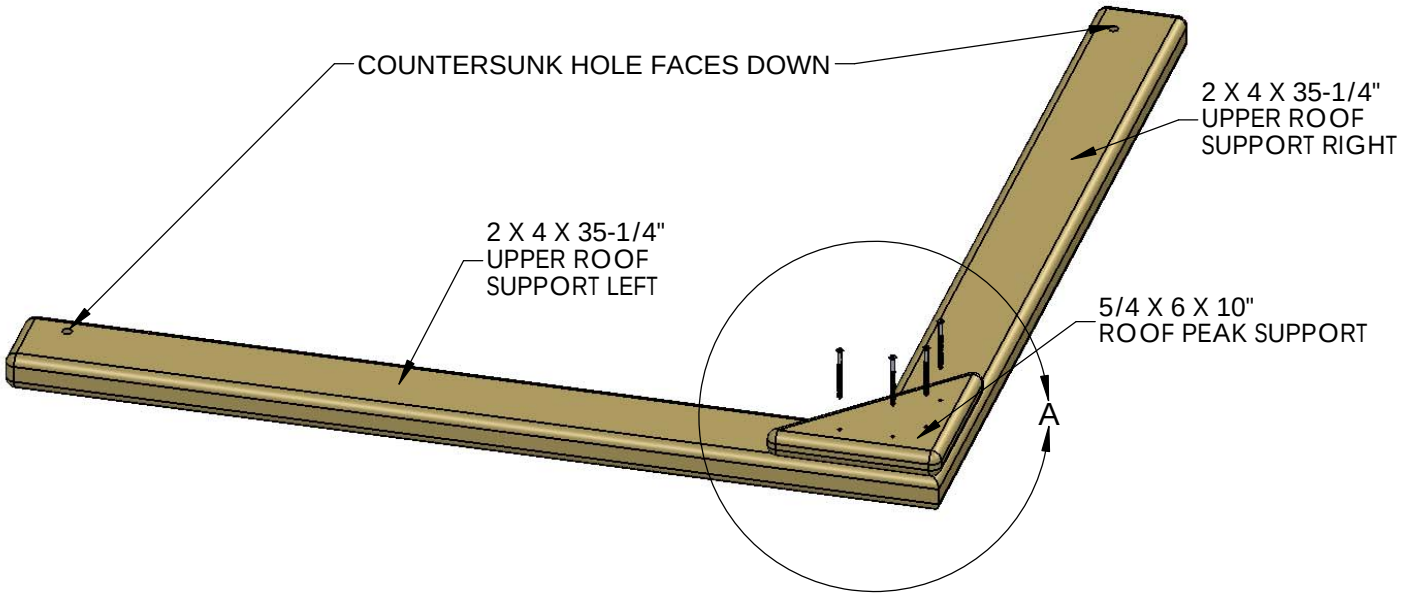
STEP 43: ROOF SUPPORT ASSEMBLIES

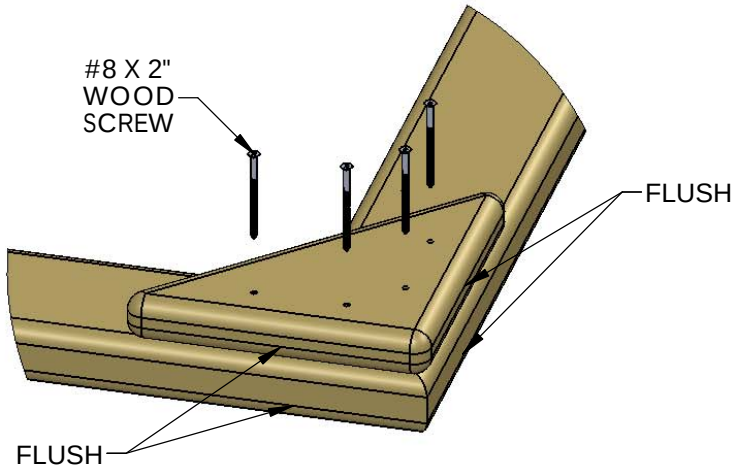
1: LOCATE TWO 2 X 4 X 35-1/4" ROOF SUPPORT (LEFT), TWO 2 X 4 X 35-1/4" ROOF SUPPORT (RIGHT) AND TWO 5/4 X 6 X 10" ROOF PEAK SUPPORT PIECES.

2: FIND A FLAT SURFACE TO WORK ON. LAY THE ROOF SUPPORTS DOWN ON THE FLAT SURFACE WITH THE COUNTERSUNK HOLES FACING DOWN. ALIGN THE ANGLED ENDS OF THE ROOF SUPPORTS FLUSH WITH ONE ANOTHER. PLACE A ROOF PEAK SUPPORT ON TOP OF THE ROOF SUPPORTS AS SHOWN. THE EDGES SHOULD BE FLUSH WHERE SHOWN BELOW.

3: USE FOUR #8 X 2" WOOD SCREWS TO ATTACH THE ROOF PEAK SUPPORT TO THE ROOF SUPPORTS AS SHOWN BELOW.

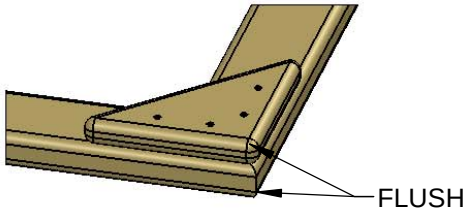
4: MAKE ONE MORE ROOF SUPPORT ASSEMBLY BY REPEATING 2 AND 3.





DETAIL A

COMPLETED ROOF SUPPORT ASSEMBLY (MAKE ONE MORE)

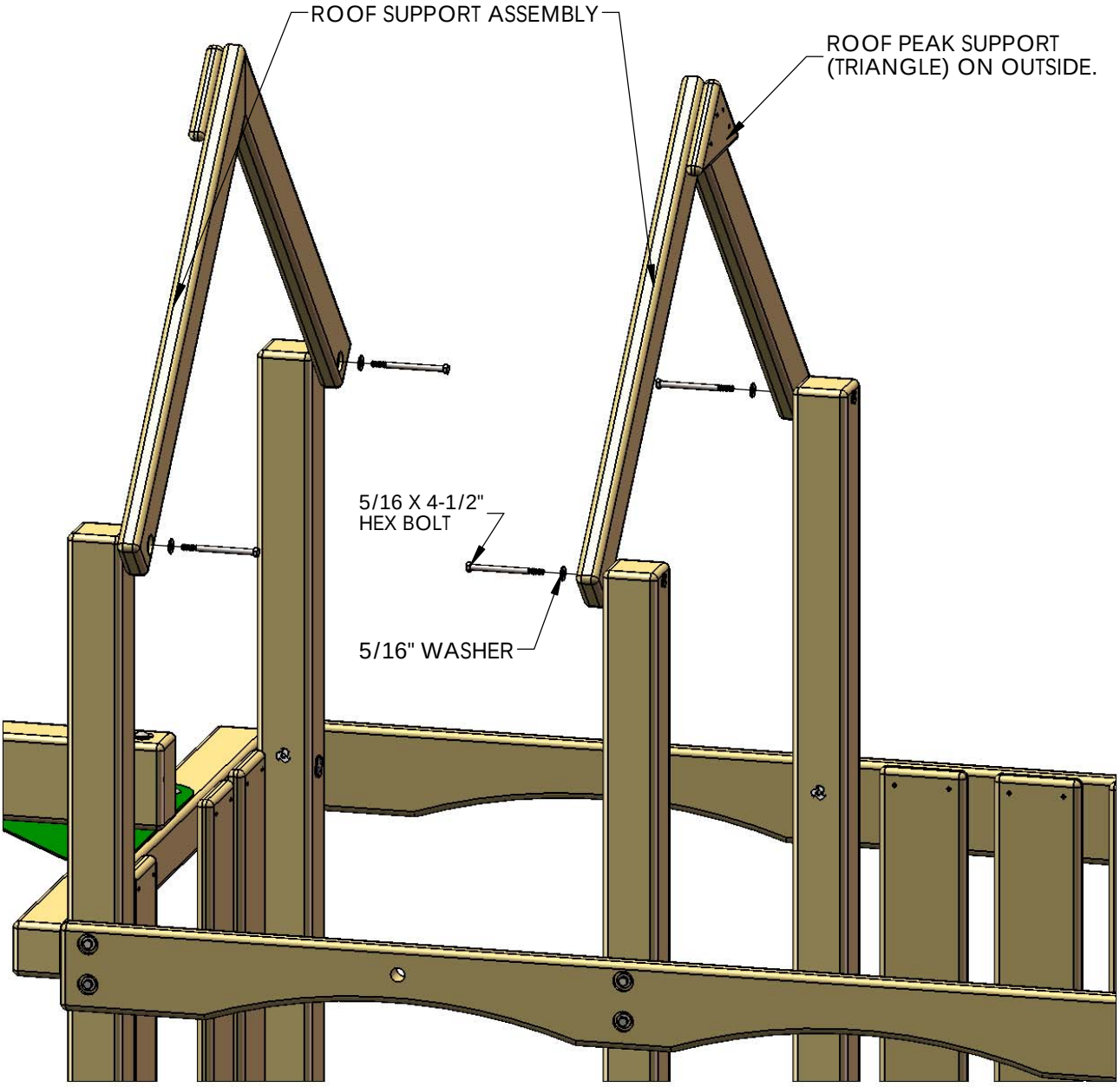


STEP 44: ROOF SUPPORTS

1: PLACE TWO OF THE ROOF SUPPORT ASSEMBLIES AT THE CORNER POSTS LEFT AND CORNER POST MIDDLE

2: THE (TRIANGLE) ROOF PEAK SUPPORT SHOULD FACE THE OUTSIDE.

3: ATTACH EACH ROOF SUPPORT ASSEMBLY TO THE POSTS WITH 5/16" X 4-1/2" HEX BOLTS WITH 5/16" WASHERS.



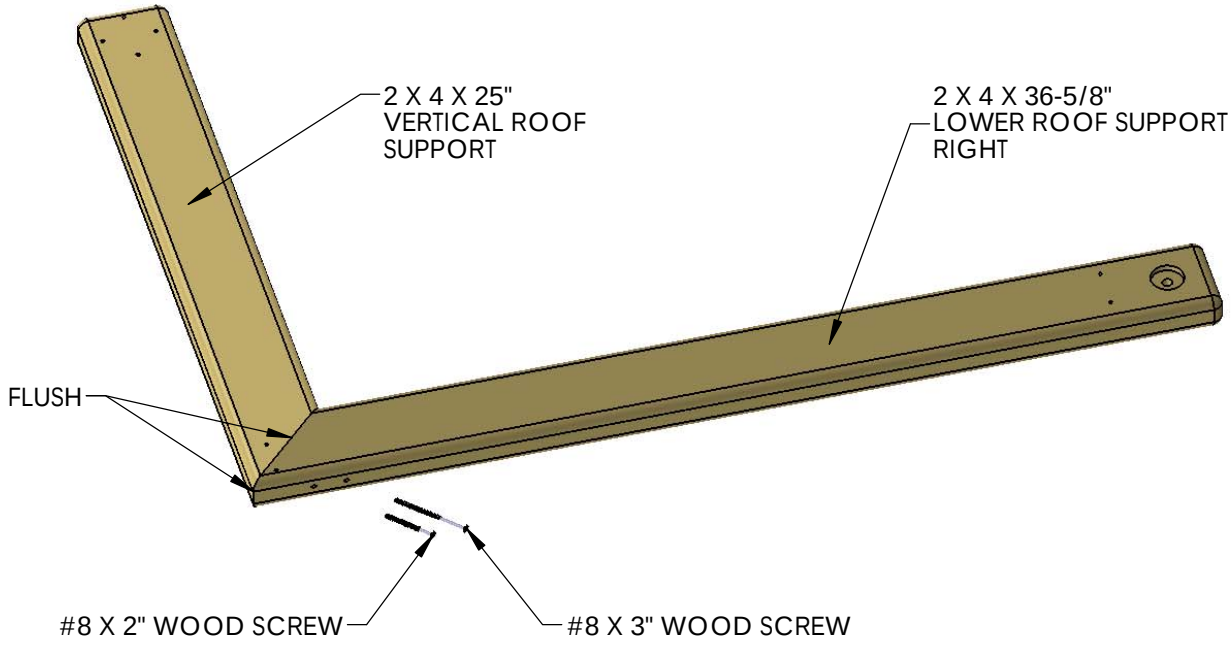
STEP 45: LOWER ROOF SUPPORTS

1: LOCATE TWO 2 X 4 X 25" VERTICAL ROOF SUPPORTS, A 2 X 4 X 36-5/8" LOWER ROOF SUPPORT RIGHT AND A 2 X 4 X 36-5/8" LOWER ROOF SUPPORT LEFT.

2: FIND A FLAT SURFACE TO WORK ON. LAY THE VERTICAL ROOF SUPPORT DOWN AND LOWER ROOF SUPPORT RIGHT ON THE FLAT SURFACE. ALIGN THE ANGLED ENDS OF THE ROOF SUPPORT RIGHT AND VERTICAL ROOF SUPPORT FLUSH WITH ONE ANOTHER. THE EDGES SHOULD BE FLUSH WHERE SHOWN BELOW.

3: USE A #8 X 2" WOOD SCREW AND #8 X 3" WOOD SCREW TO ATTACH THE ROOF SUPPORTS AS SHOWN BELOW.

4: MAKE A LEFT ROOF SUPPORT ASSEMBLY BY REPEATING 2 AND 3.



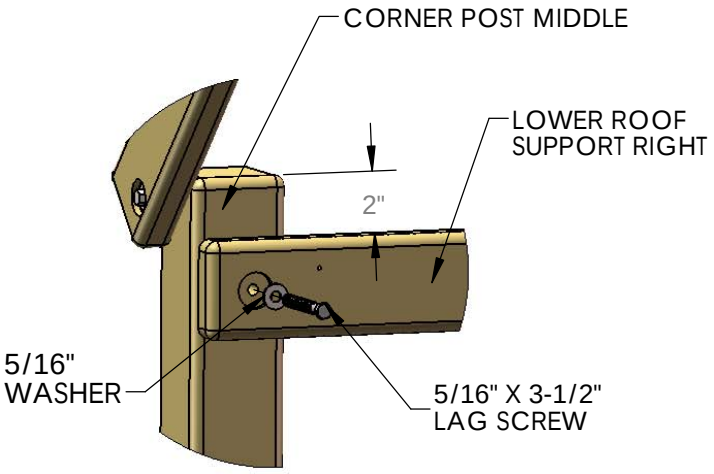
STEP 46: LOWER ROOF SUPPORT ASSEMBLIES

1: PLACE THE LOWER ROOF SUPPORT RIGHT ASSEMBLY ON THE REAR OF THE FORT . THE TOP SHOULD BE 2" FROM THE TOP OF THE CORNER POST MIDDLE .

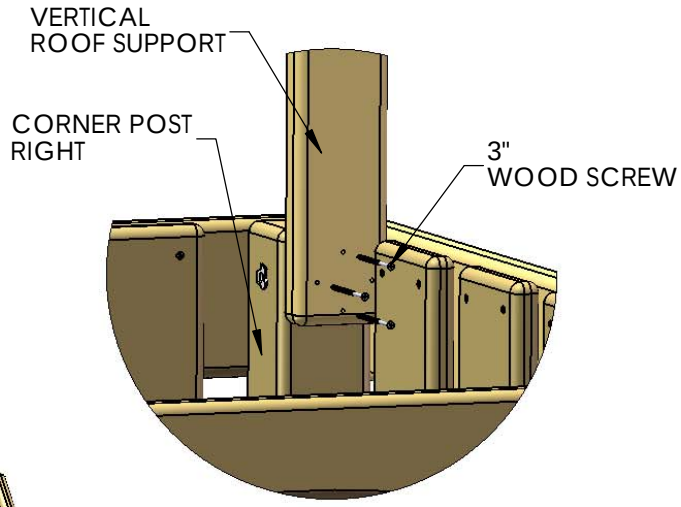
2: ATTACH LOWER ROOF SUPPORT RIGHT ASSEMBLY TO THE CORNER POST MIDDLE WITH A 5/16" X 3-1/2" LAG SCREW AND A 5/16" WASHER. ATTACH THE VERTICAL ROOF SUPPORT TO THE CORNER POST RIGHT WITH 3" WOOD SCREWS.

3: PLACE THE LOWER ROOF SUPPORT LEFT ASSEMBLY ON THE FRONT OF THE FORT. THE TOP SHOULD BE 2" FROM THE TOP OF THE CORNER POST MIDDLE.

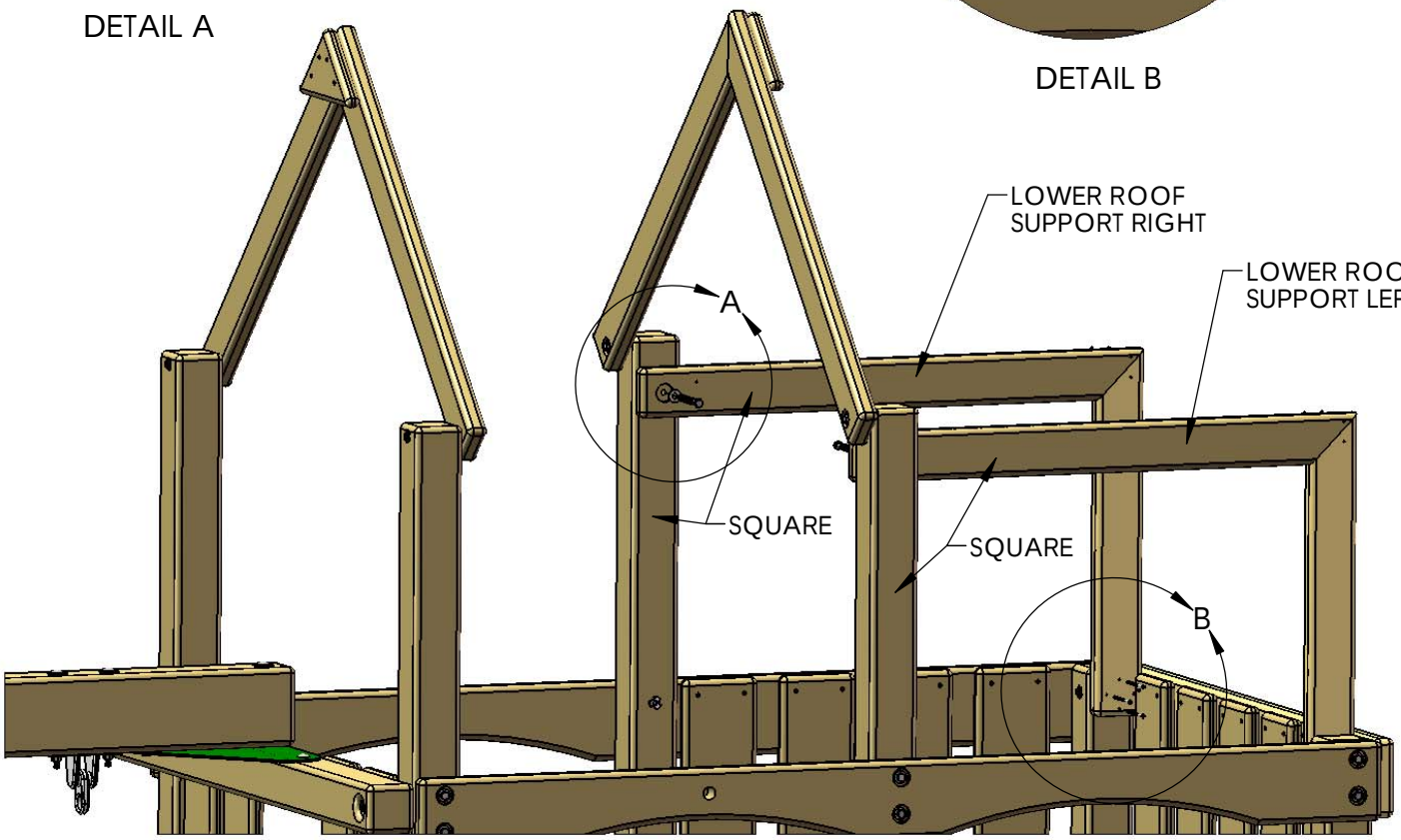
4: ATTACH LOWER ROOF SUPPORT LEFT ASSEMBLY TO THE CORNER POST MIDDLE WITH A 5/16" X 3-1/2" LAG SCREW AND A 5/16" WASHER. ATTACH THE VERTICAL ROOF SUPPORT TO THE CORNER POST RIGHT WITH 3" WOOD SCREWS.



DETAIL A



DETAIL B



STEP 47: LOWER ROOF SUPPORT ASSEMBLIES

1: LOCATE FOUR 2 X 4 X 30-1/8" LOWER ROOF SUPPORT, AND TWO 5/4 X 6 X 10" ROOF PEAK SUPPORT PIECES.

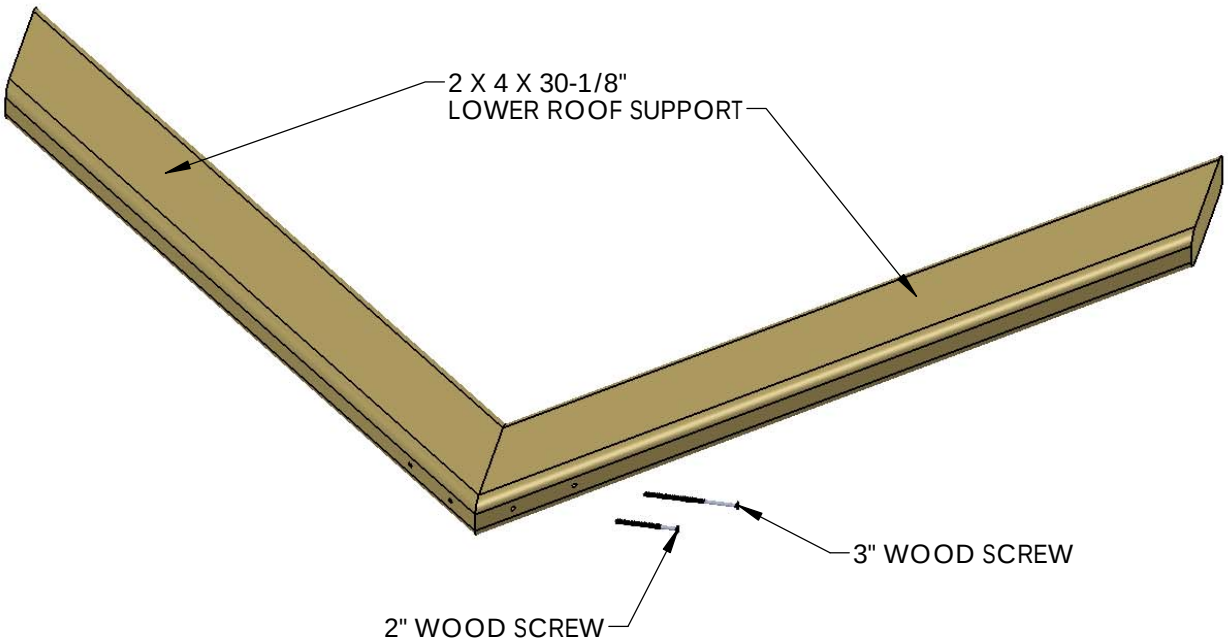
2: FIND A FLAT SURFACE TO WORK ON. LAY THE LOWER ROOF SUPPORTS DOWN ON THE FLAT SURFACE WITH TWO HOLES ON TOP. ALIGN THE ANGLED ENDS WITH TWO HOLES OF THE LOWER ROOF SUPPORTS FLUSH WITH ONE ANOTHER.

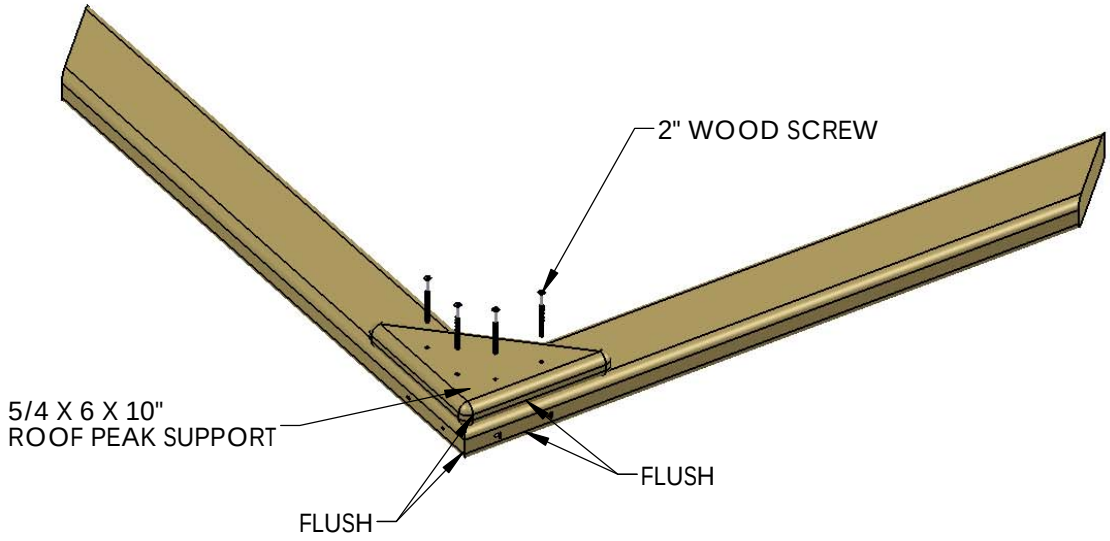
3: USE A #8 X 3" WOOD SCREW AND A #8 X 2" WOOD SCREW TO ATTACH THE LOWER ROOF SUPPORTS TOGETHER.

4: PLACE A ROOF PEAK SUPPORT ON TOP OF THE LOWER ROOF SUPPORTS AS SHOWN. THE EDGES SHOULD BE FLUSH WHERE SHOWN BELOW.

5: USE FOUR #8 X 2" WOOD SCREWS TO ATTACH THE ROOF PEAK SUPPORT TO THE ROOF SUPPORTS AS SHOWN BELOW.

6: MAKE ONE MORE LOWER ROOF SUPPORT ASSEMBLY BY REPEATING 2 THROUGH 5.



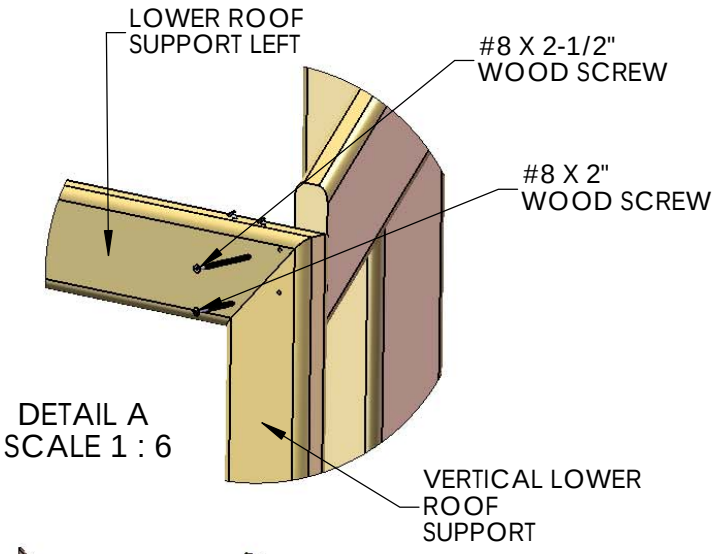


STEP 48: LOWER ROOF SUPPORTS

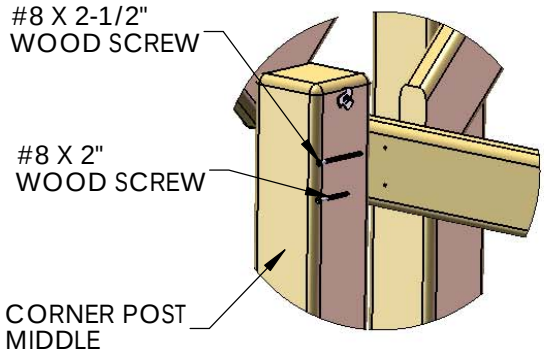
1: PLACE TWO OF THE ROOF SUPPORT ASSEMBLIES INSIDE THE LOWER ROOF SUPPORTS.

2: THE (TRIANGLE) ROOF PEAK SUPPORT SHOULD FACE THE OUTSIDE.

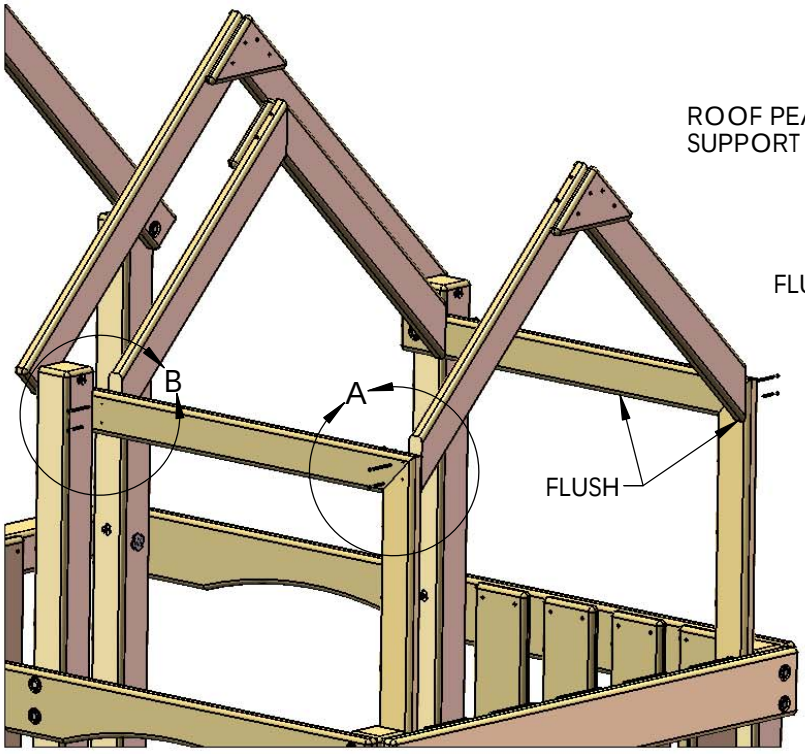
3: ATTACH EACH ROOF SUPPORT ASSEMBLY TO THE LOWER ROOF SUPPORT WITH A #8 X 2-1/2" WOOD SCREW ON TOP AND A #8 X 2" WOOD SCREW ON THE BOTTOM.

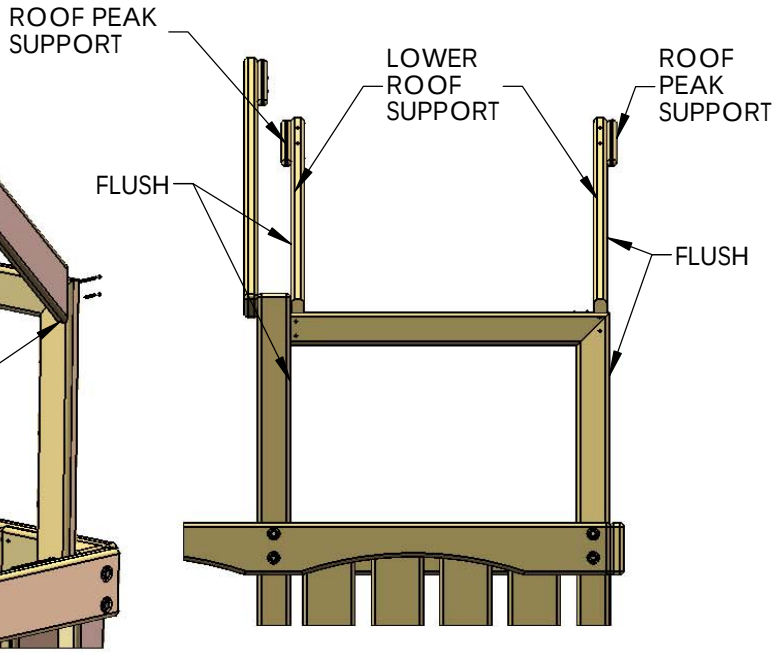


DETAIL A
SCALE 1 : 6



DETAIL B
SCALE 2 : 15

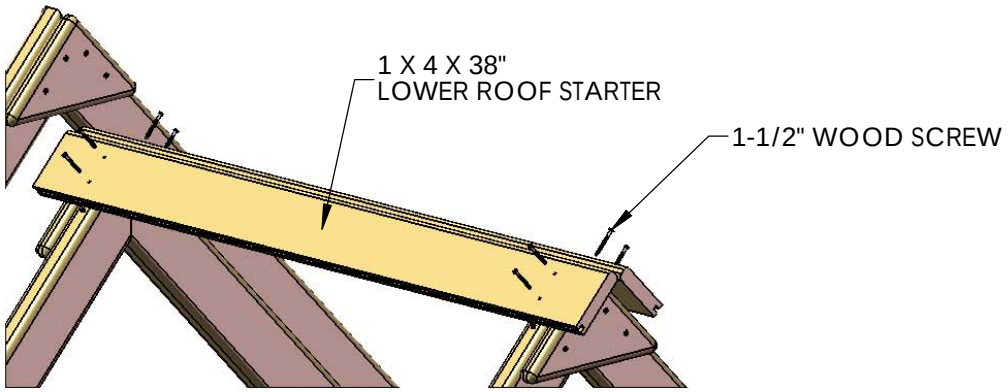




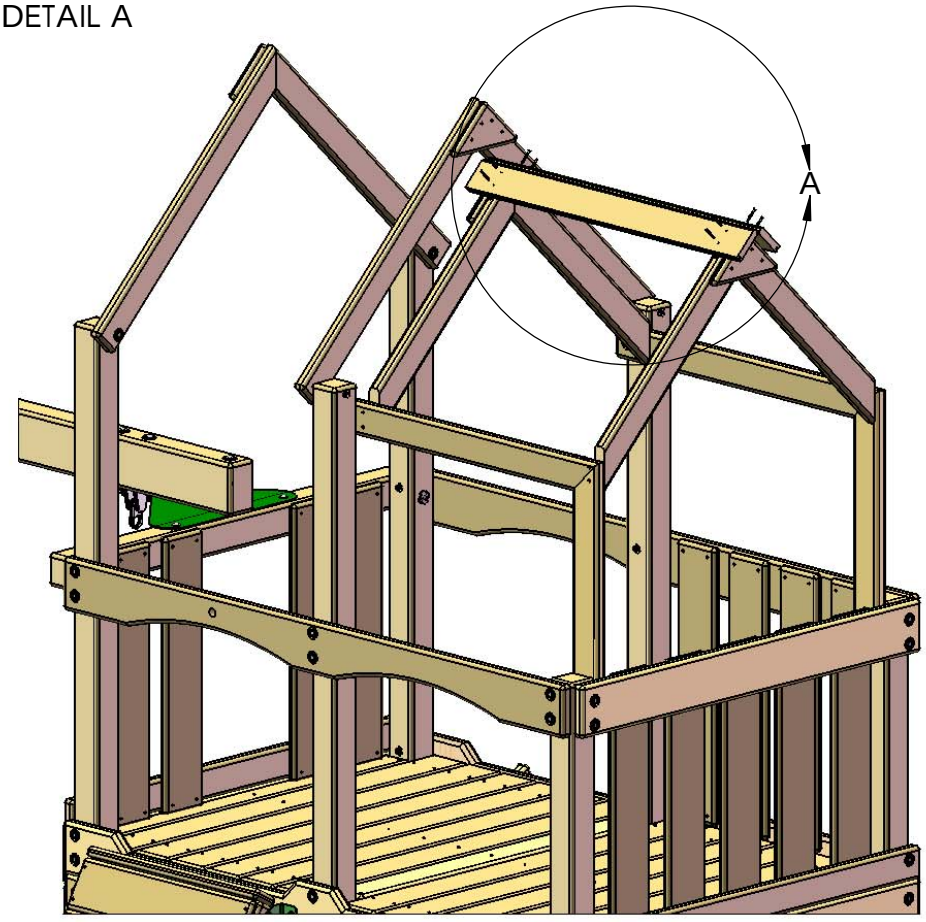
STEP 49: LOWER ROOF STARTER

1: PLACE THE 1 X 4 X 38" GROOVE-ONLY LOWER ROOF STARTER BOARDS AT THE PEAK OF THE ROOF. THE HOLES IN THE ROOF STARTERS SHOULD BE CENTERED ON THE LOWER ROOF SUPPORTS. THE SMOOTH ENDS OF THE ROOF STARTERS SHOULD BE PLACED AS CLOSE TO EACH OTHER AS POSSIBLE WITHOUT THE BOARDS OVERLAPPING.

2: FASTEN THE LOWER ROOF STARTER BOARDS TO THE ROOF SUPPORTS WITH 1-1/2" WOOD SCREWS.



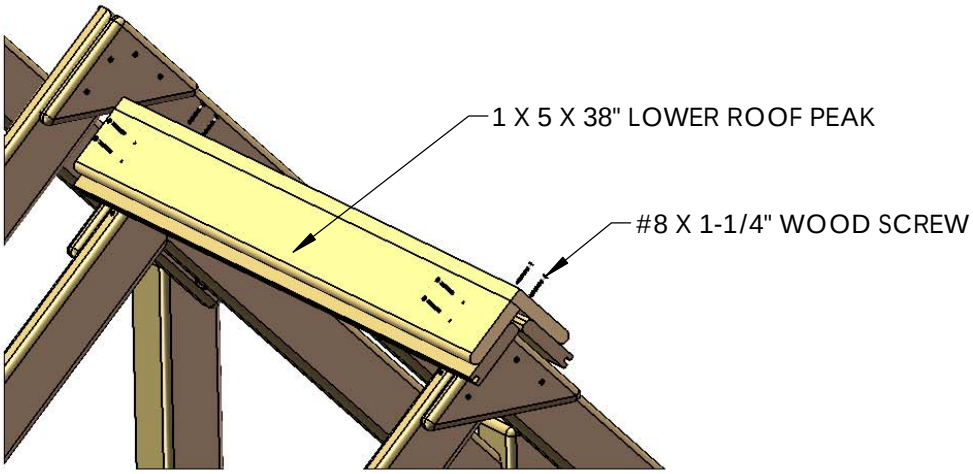
DETAIL A

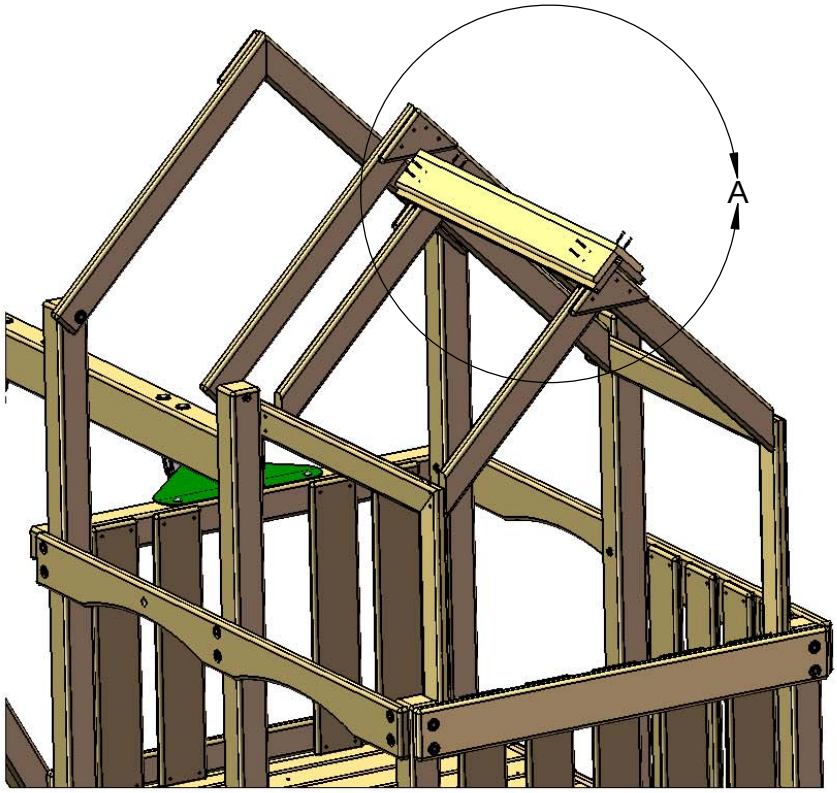


STEP 50: LOWER ROOF PEAK

1: PLACE THE 1 X 5 X 38" LOWER ROOF PEAK ON TOP OF THE LOWER ROOF STARTER BOARDS.

2: FASTEN THE LOWER ROOF PEAK TO THE LOWER ROOF STARTER BOARDS WITH #8 X 1-1/4" WOOD SCREWS.





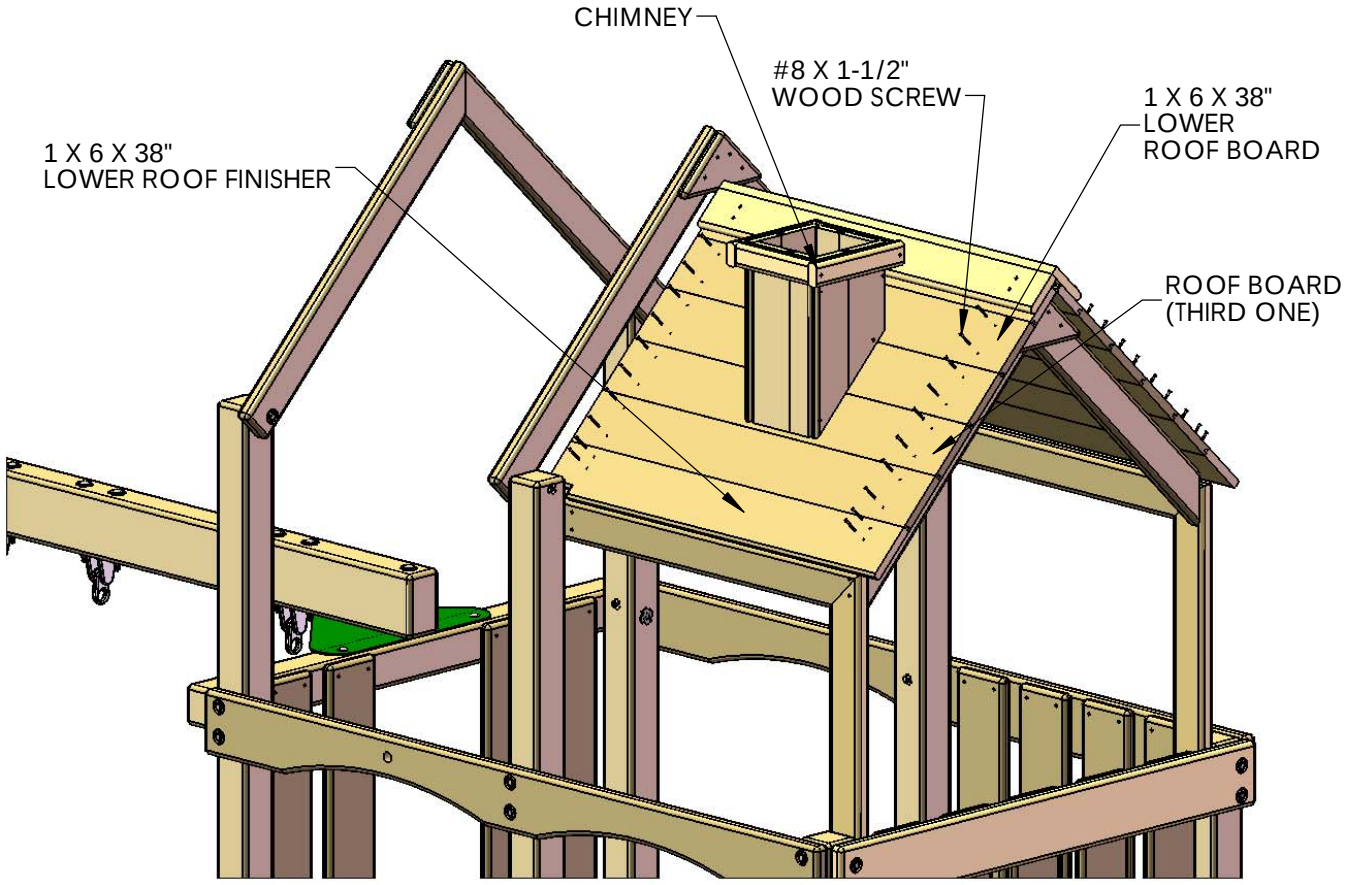
STEP 51: UPPER LEVEL ROOF

1: PLACE A 1 X 6 X 38" LOWER ROOF BOARD ON TOP OF THE LOWER ROOF SUPPORTS, FITTING THE TONGUE END INTO THE GROOVE END OF THE ROOF STARTER. EACH SIDE OF THE ROOF GETS FOUR ROOF BOARDS.

2: FASTEN THE LOWER ROOF BOARDS TO THE LOWER ROOF SUPPORTS WITH 1-1/2" WOOD SCREWS.

3: PLACE A 1 X 5 X 38" LOWER ROOF FINISHER ON THE ENDS OF THE LOWER ROOF ASSEMBLY AND FASTEN WITH #8 X 1-1/2" WOOD SCREWS.

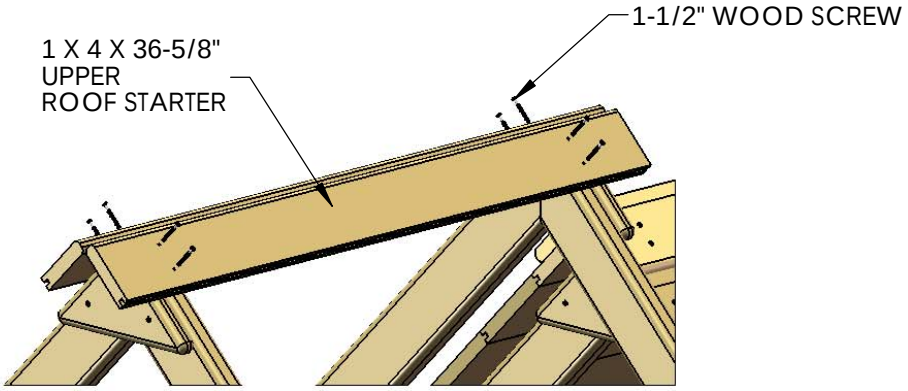
TIP: USE THE INSTRUCTIONS PROVIDED WITH THE CHIMNEY TO BUILD IT. INSTALL THREE ROOF BOARDS AND INSTALL THE CHIMNEY ACCORDING TO THE CHIMNEY INSTRUCTIONS.

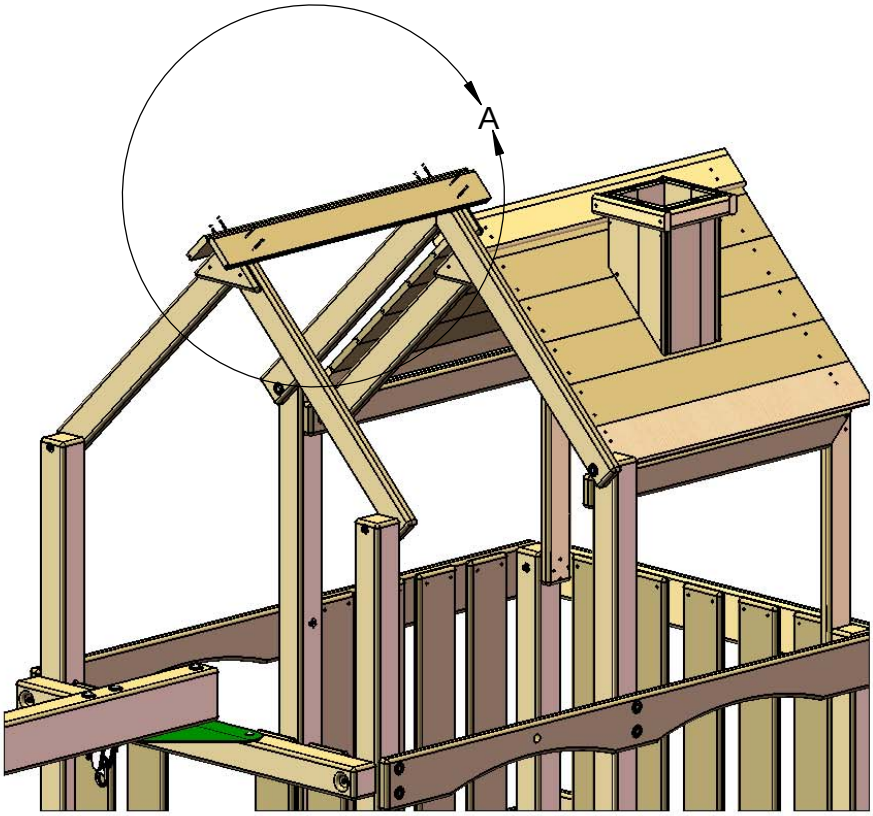


STEP 52: UPPER ROOF STARTER

1: PLACE THE 1 X 4 X 36-5/8" GROOVE-ONLY UPPER ROOF STARTER BOARDS AT THE PEAK OF THE ROOF. THE HOLES IN THE UPPER ROOF STARTERS SHOULD BE CENTERED ON THE ROOF SUPPORTS, AND THE SMOOTH ENDS OF THE ROOF STARTERS SHOULD BE PLACED AS CLOSE TO EACH OTHER AS POSSIBLE WITHOUT THE BOARDS OVERLAPPING.

2: FASTEN THE ROOF STARTER BOARDS TO THE ROOF SUPPORTS WITH 1-1/2" WOOD SCREWS.

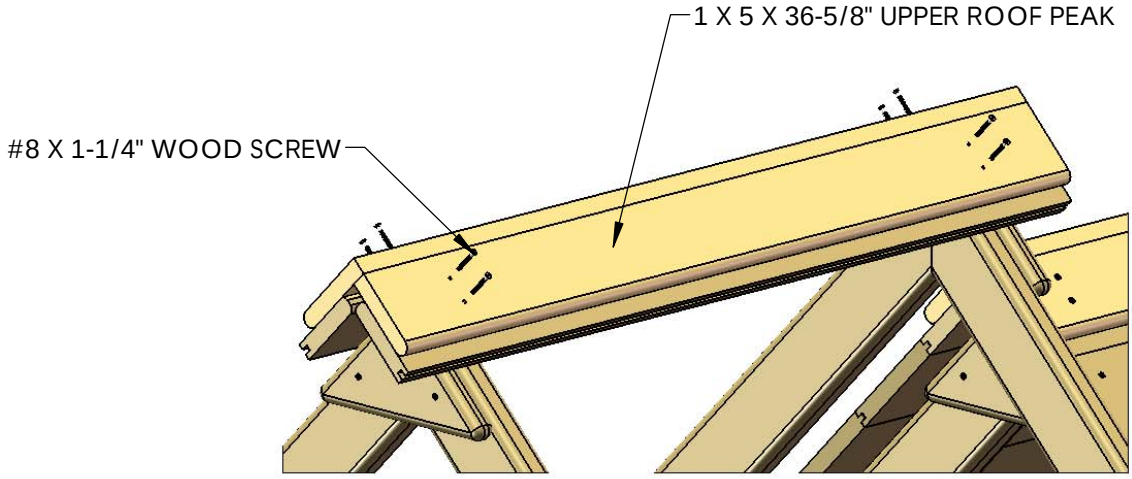


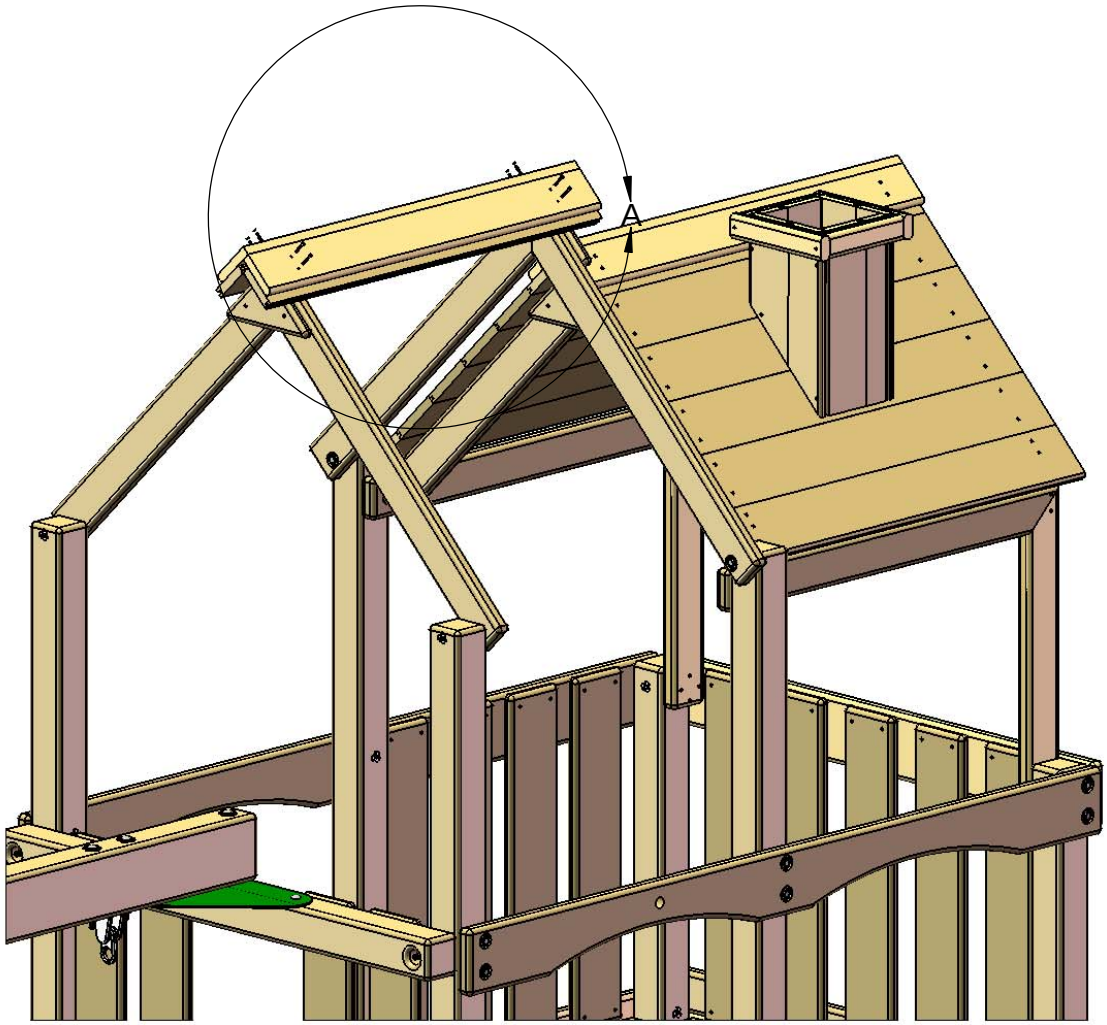


STEP 53: UPPER ROOF PEAK

1: PLACE THE 1 X 5 X 36-5/8" UPPER ROOF PEAK ON TOP OF THE UPPER ROOF STARTER BOARDS.

2: FASTEN THE UPPER ROOF PEAK TO THE UPPER ROOF STARTER BOARDS WITH #8 X 1-1/4" WOOD SCREWS.





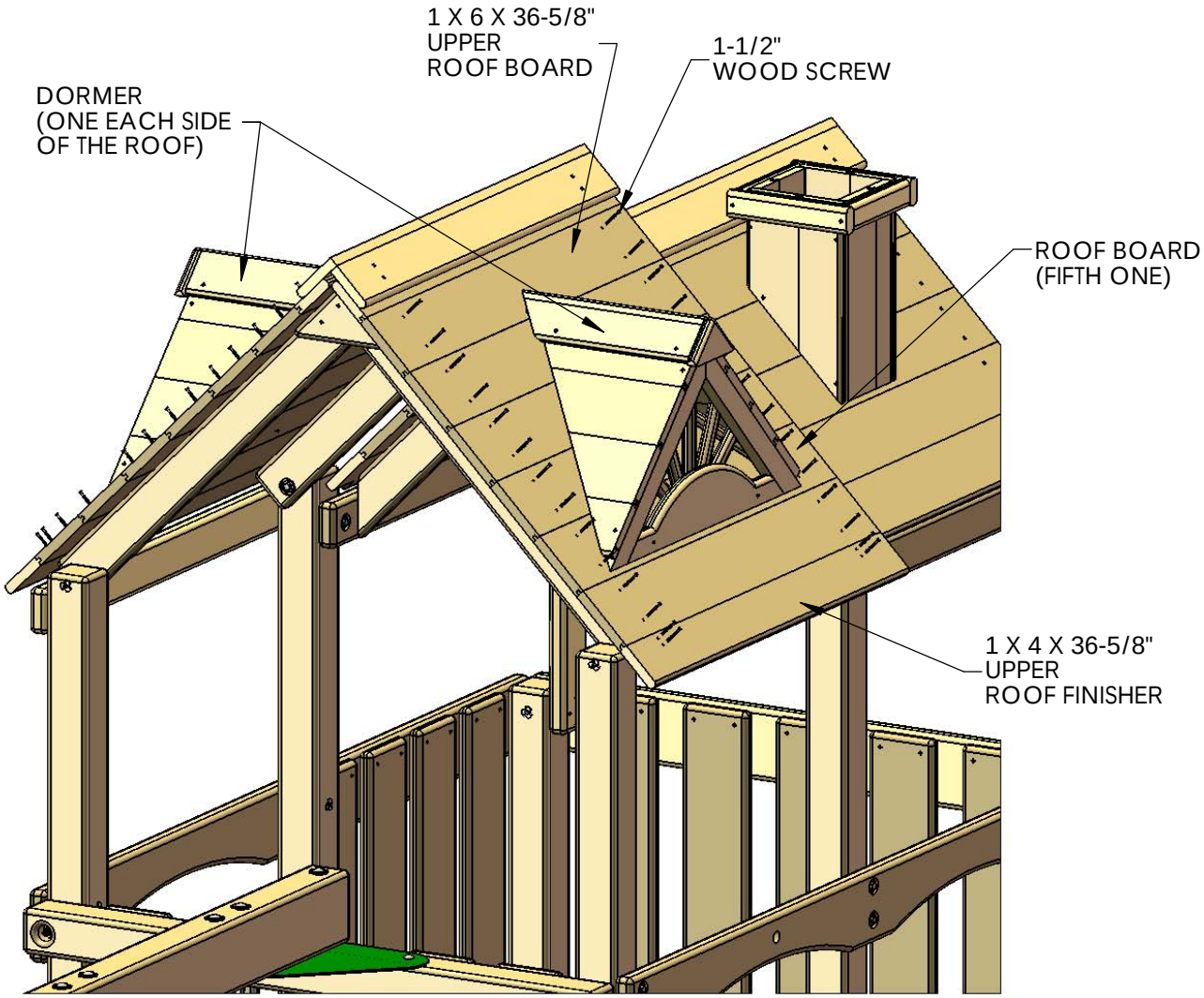
STEP 54: UPPER ROOF BOARDS

1: PLACE A 1 X 6 X 36-5/8" UPPER ROOF BOARD ON TOP OF THE ROOF SUPPORTS, FITTING THE TONGUE END INTO THE GROOVE END OF THE ROOF STARTER. EACH SIDE OF THE ROOF GETS SIX ROOF BOARDS.

2: FASTEN THE UPPER ROOF BOARDS TO THE ROOF SUPPORTS WITH 1-1/2" WOOD SCREWS.

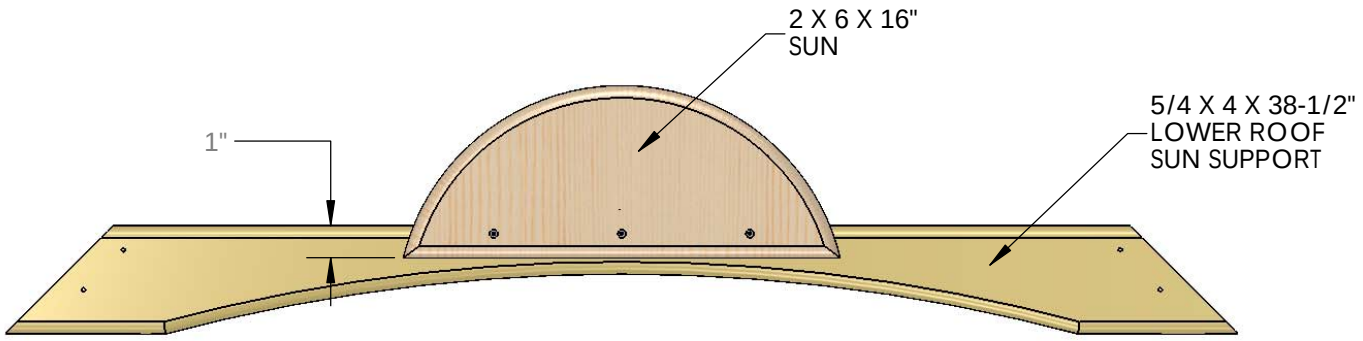
3: PLACE A 1 X 4 X 36-5/8" UPPER ROOF FINISHER ON THE ENDS OF THE ROOF ASSEMBLY AND FASTEN WITH 1-1/2" WOOD SCREWS.

TIP: USE THE INSTRUCTIONS PROVIDED WITH THE DORMER TO BUILD IT. INSTALL THE FIFTH ROOF BOARD AND INSTALL THE DORMER ACCORDING TO THE DORMER INSTRUCTIONS. THEN FINISH INSTALLING THE REMAINING ROOF BOARDS AND FINISHER. ALSO NOTE THAT THERE IS ONE DORMER ON EACH SIDE OF THE ROOF.

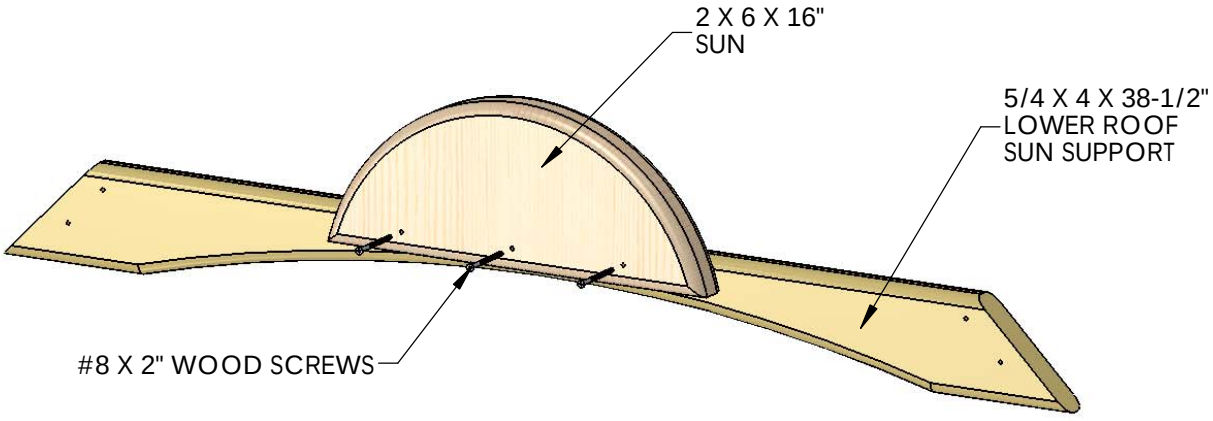


STEP 55: LOWER SUN SUPPORT ASSEMBLY

1: CENTER A 2 X 6 X 16" SUN ON TOP OF A 5/4 X 4 X 38-1/2" LOWER SUN SUPPORT. THE BOTTOM OF THE SUN SHOULD BE 1" BELOW THE TOP OF THE LOWER ROOF SUN SUPPORT.



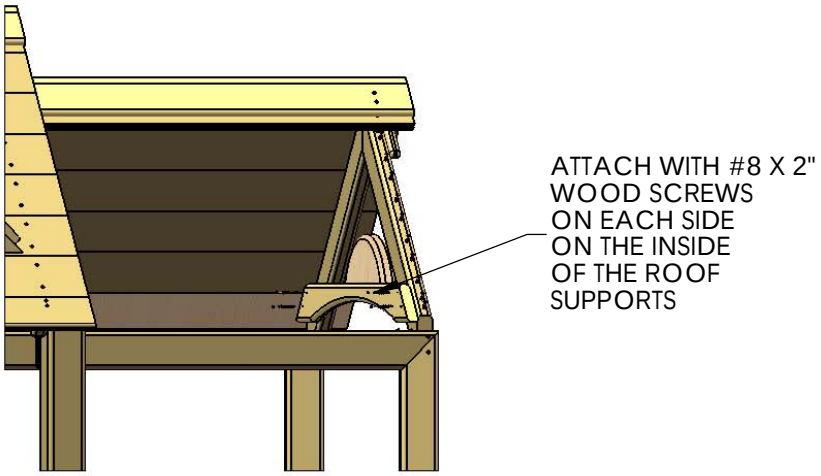
2: FASTEN THE SUN TO THE LOWER SUN SUPPORT WITH #8 X 2" WOOD SCREWS.

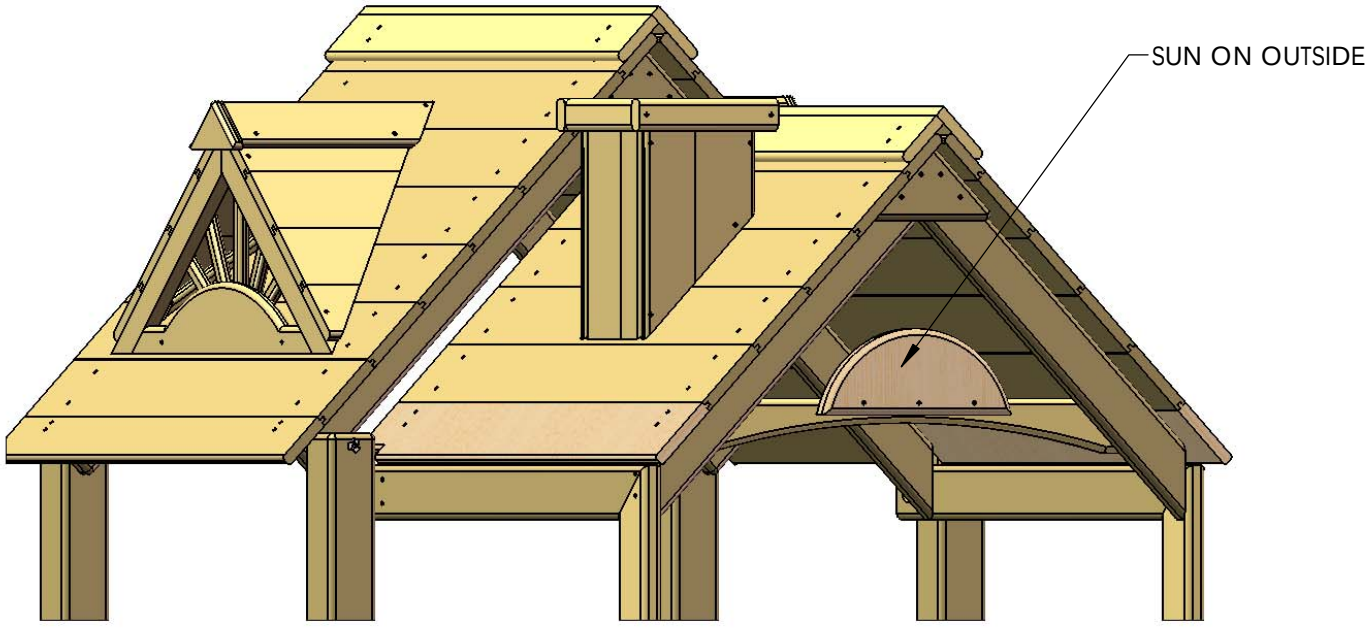


STEP 56: LOWER SUN SUPPORT

1: PLACE THE ASSEMBLY MADE IN THE PREVIOUS STEP UNDERNEATH THE LOWER ROOF BOARDS ON THE INSIDE OF THE ROOF SUPPORTS. THE SUN SHOULD BE ON THE OUTSIDE. MAKE SURE THE ASSEMBLY IS LEVEL BEFORE PROCEEDING TO THE NEXT STEP.

2: FASTEN THE LOWER SUN SUPPORT ASSEMBLY TO THE FORT WITH #8 X 2" WOOD SCREWS FROM THE INSIDE INTO THE ROOF SUPPORTS.



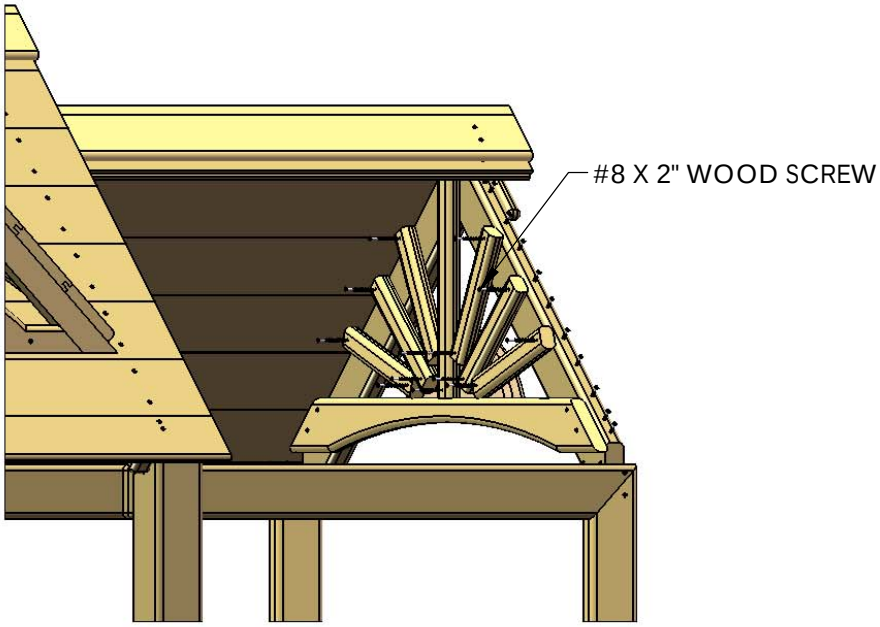


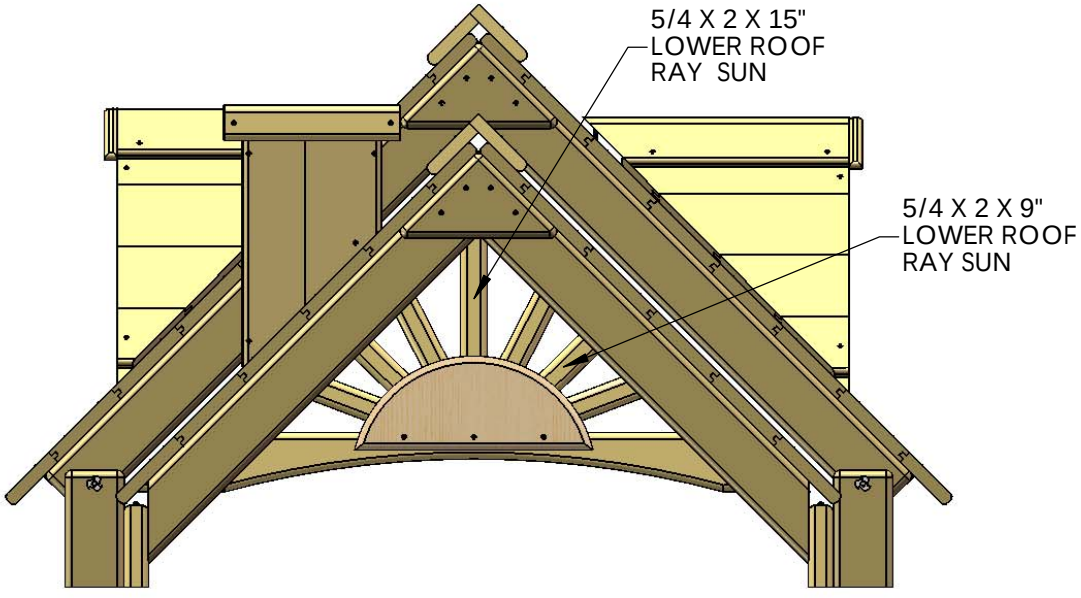
STEP 57: LOWER ROOF SUN RAYS

1: LOCATE SIX 5/4 X 2 X 9" LOWER ROOF RAY SUN AND ONE 5/4 X 2 X 15" LOWER ROOF RAY SUN .

2: PLACE THE 5/4 X 2 X 15" LOWER ROOF RAY SUN CENTERED OVER THE MIDDLE OF THE SUN ON THE INSIDE OF THE LOWER SUN SUPPORT ASSEMBLY. FASTEN THE 5/4 X 2 X 15" LOWER ROOF RAY SUN TO THE LOWER ROOF SUPPORT AND SUN WITH TWO #8 X 2" WOOD SCREWS.

3: ARRANGE THREE 5/4 X 2 X 9" LOWER ROOF RAYS SUN ON EACH SIDE OF THE 5/4 X 2 X 15" LOWER ROOF RAY SUN. SPACE THE RAYS AS SHOWN IN THE PICTURE AT THE BOTTOM BELOW. FASTEN EACH 5/4 X 2 X 9" LOWER ROOF RAY SUN TO THE LOWER ROOF SUPPORT AND SUN WITH TWO #8 X 2" WOOD SCREWS.

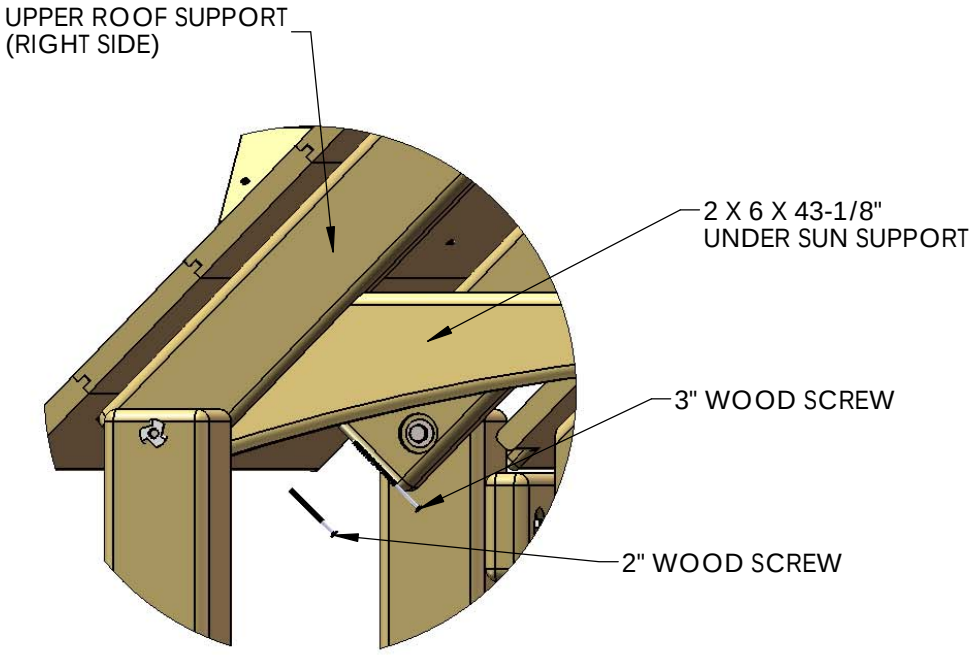




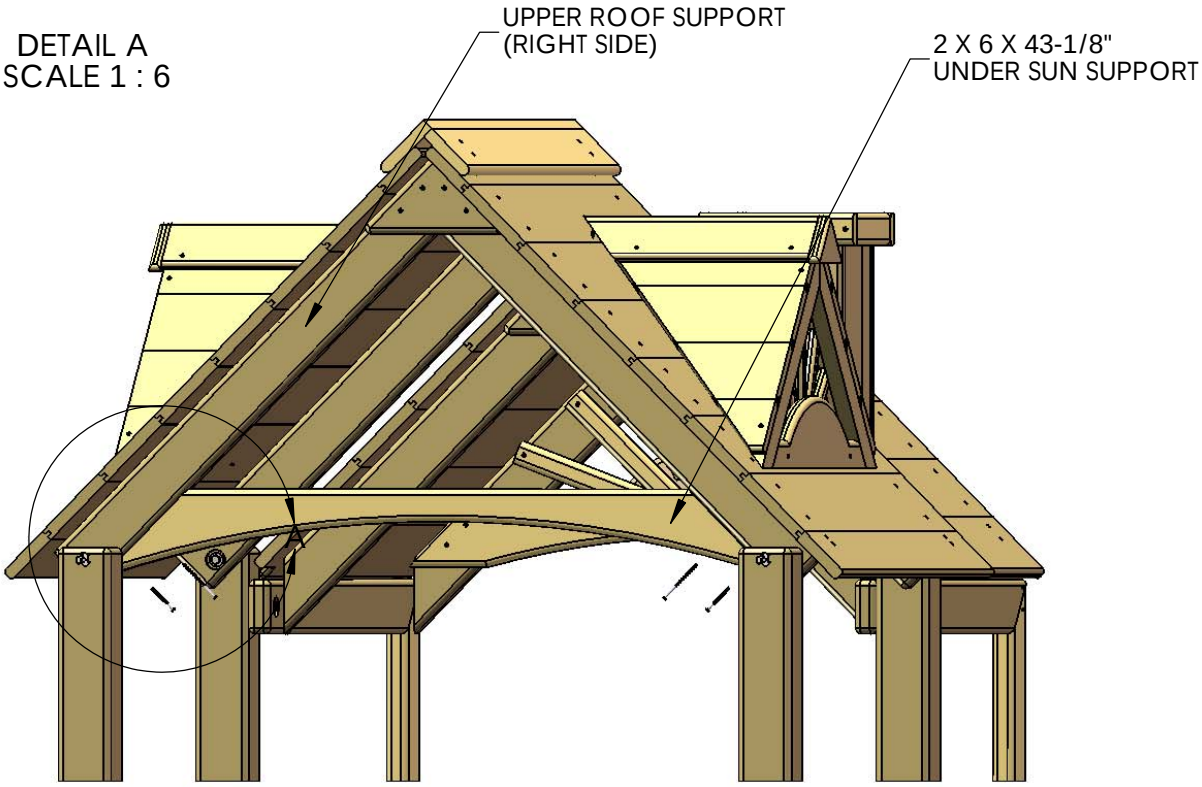
STEP 58: UNDER SUN SUPPORT

1: PLACE THE UNDER SUN SUPPORT UNDERNEATH THE ROOF SUPPORTS. MAKE SURE THE UNDER SUN SUPPORT IS LEVEL BEFORE PROCEEDING TO THE NEXT STEP.

2: FASTEN THE UNDER SUN SUPPORT TO THE ROOF SUPPORTS WITH 2" WOOD SCREWS ON THE BOTTOM AND 3" WOOD SCREWS ON TOP.

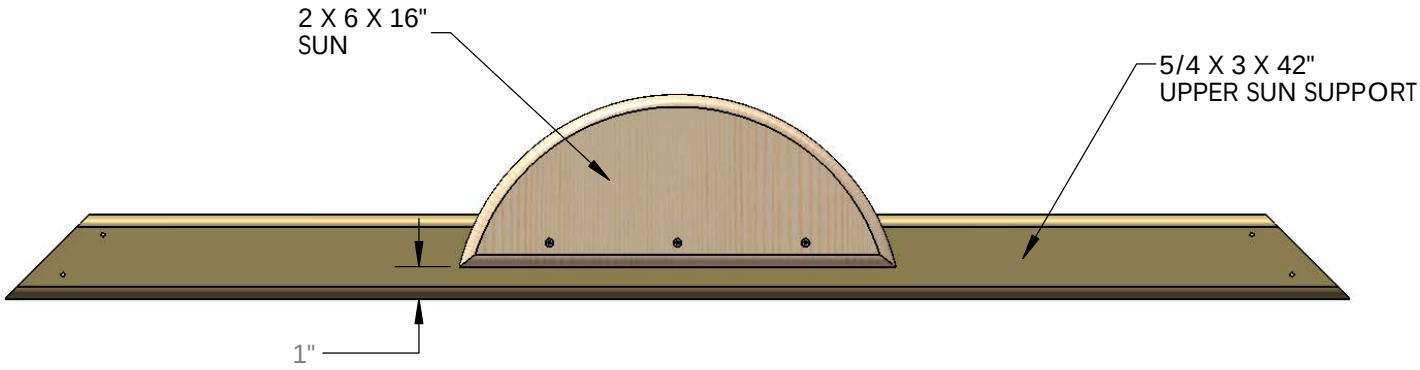


DETAIL A
SCALE 1 : 6

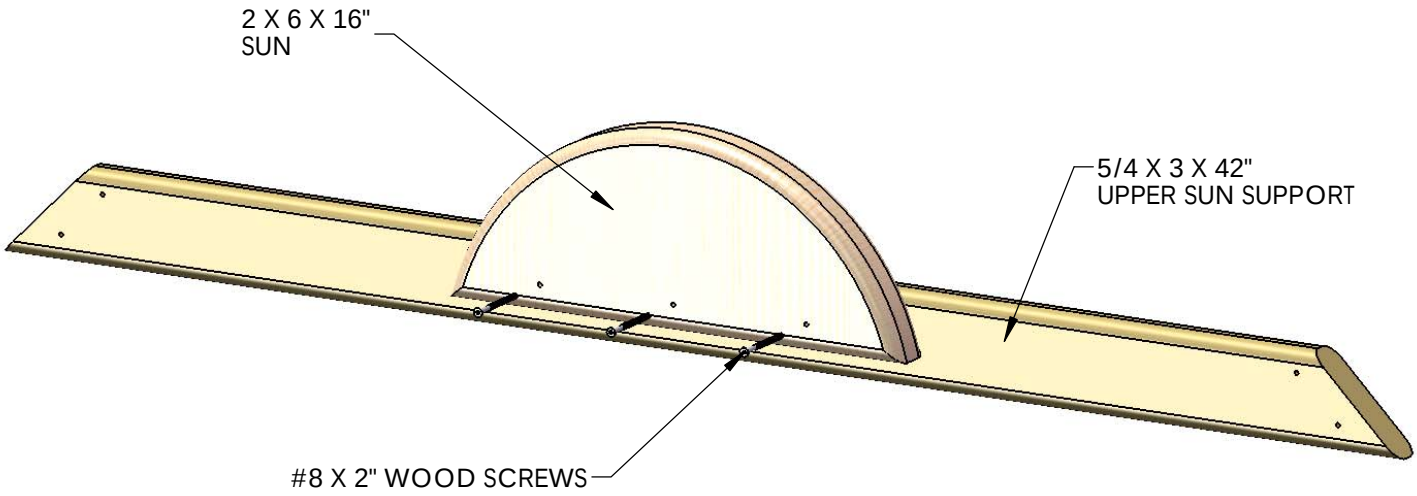


STEP 59: UPPER SUN SUPPORT ASSEMBLY

1: CENTER A 2 X 6 X 16" SUN ON TOP OF A 5/4 X 3 X 42" UPPER SUN SUPPORT. THE BOTTOM OF THE SUN SHOULD BE 1" ABOVE THE BOTTOM OF THE UPPER SUN SUPPORT.



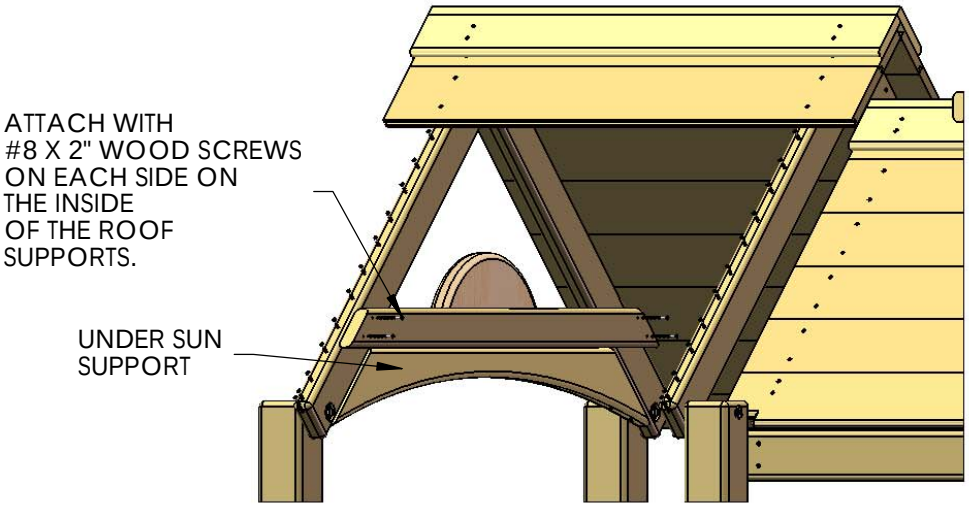
2: FASTEN THE SUN TO THE UPPER SUN SUPPORT WITH #8 X 2" WOOD SCREWS.

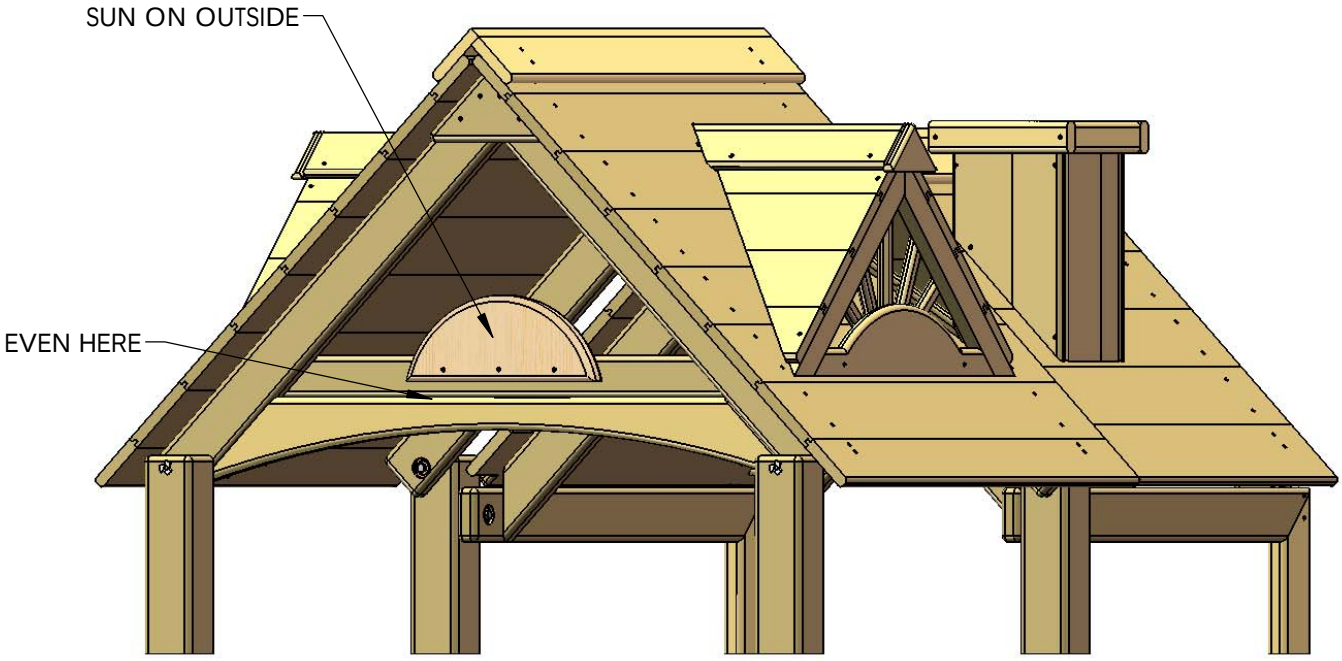


STEP 60: UPPER SUN SUPPORT

1: PLACE THE ASSEMBLY MADE IN THE PREVIOUS STEP UNDERNEATH THE UPPER ROOF BOARDS ON THE INSIDE OF THE ROOF SUPPORTS. THE SUN SHOULD BE ON THE OUTSIDE. MAKE SURE THE ASSEMBLY IS LEVEL AND EVEN WITH UNDER SUN SUPPORT BEFORE PROCEEDING TO THE NEXT STEP.

2: FASTEN THE UPPER SUN SUPPORT ASSEMBLY TO THE FORT WITH #8 X 2" WOOD SCREWS FROM THE INSIDE INTO THE ROOF SUPPORTS.



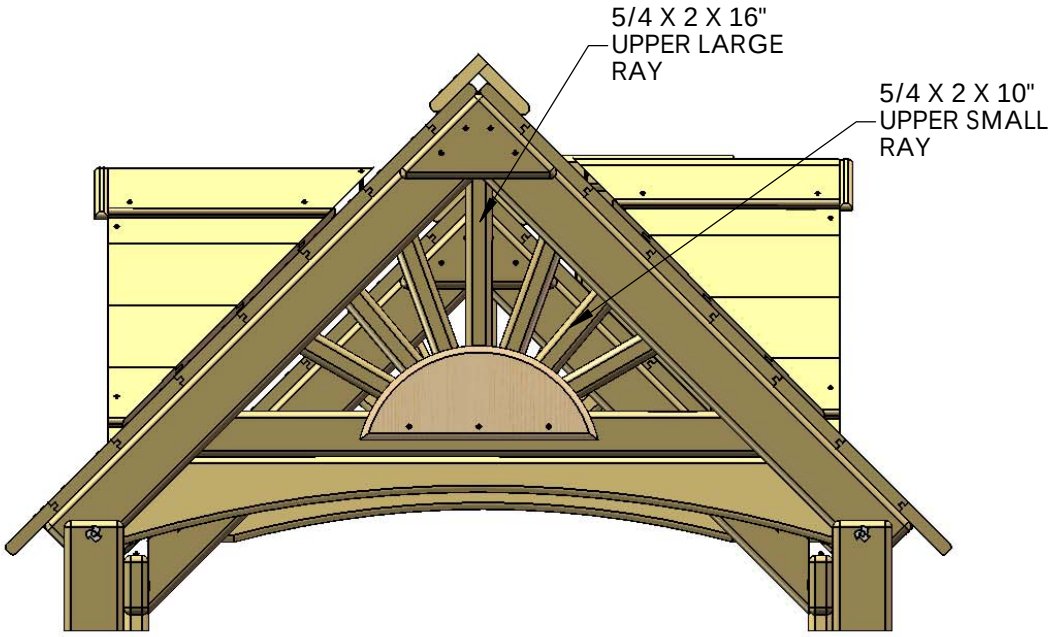


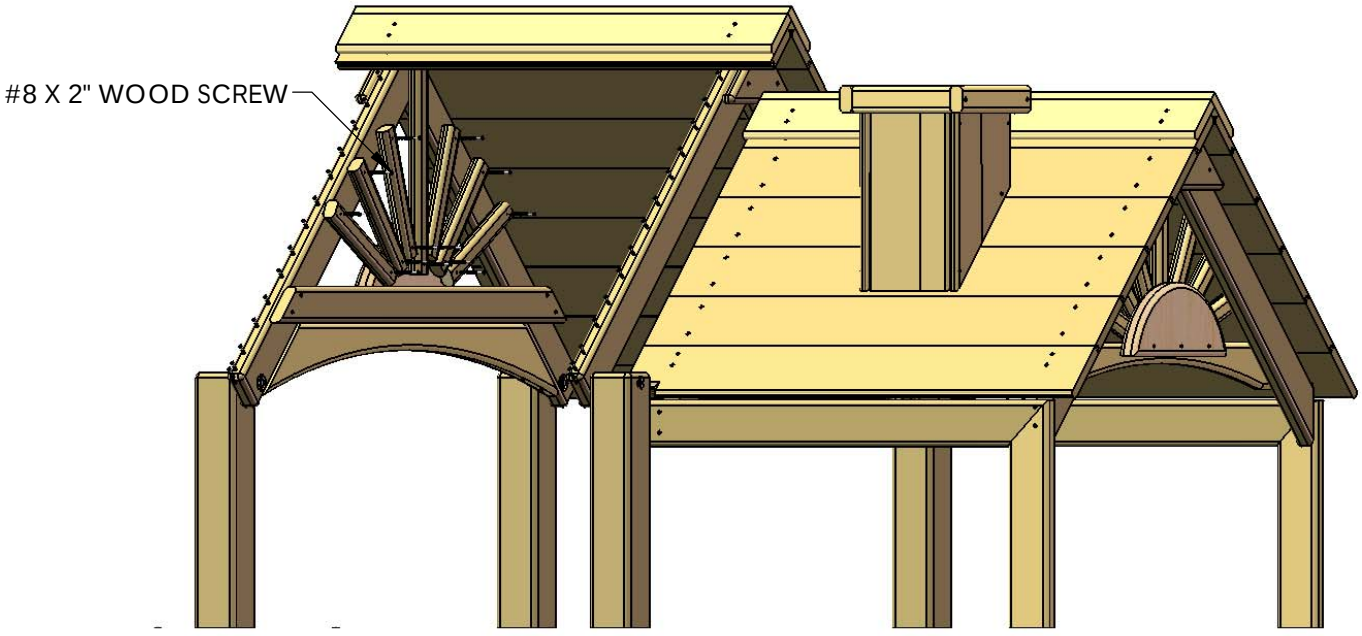
STEP 61: UPPER SUN RAYS

1: LOCATE SIX 5/4 X 2 X 10" UPPER SMALL RAYS AND ONE 5/4 X 2 X 16" UPPER LARGE RAY.

2: PLACE THE 5/4 X 2 X 16" UPPER LARGE RAY CENTERED OVER THE MIDDLE OF THE SUN ON THE INSIDE OF THE UPPER SUN SUPPORT ASSEMBLY. FASTEN THE 5/4 X 2 X 16" UPPER LARGE RAY TO THE UPPER ROOF SUPPORT AND SUN WITH TWO #8 X 2" WOOD SCREWS.

3: ARRANGE THREE 5/4 X 2 X 10" UPPER SMALL RAYS ON EACH SIDE OF THE 5/4 X 2 X 16" UPPER LARGE RAY. SPACE THE RAYS AS SHOWN IN THE PICTURE AT THE TOP BELOW. FASTEN EACH 5/4 X 2 X 10" UPPER SMALL RAYS TO THE UPPER ROOF SUPPORT AND SUN WITH TWO #8 X 2" WOOD SCREWS.

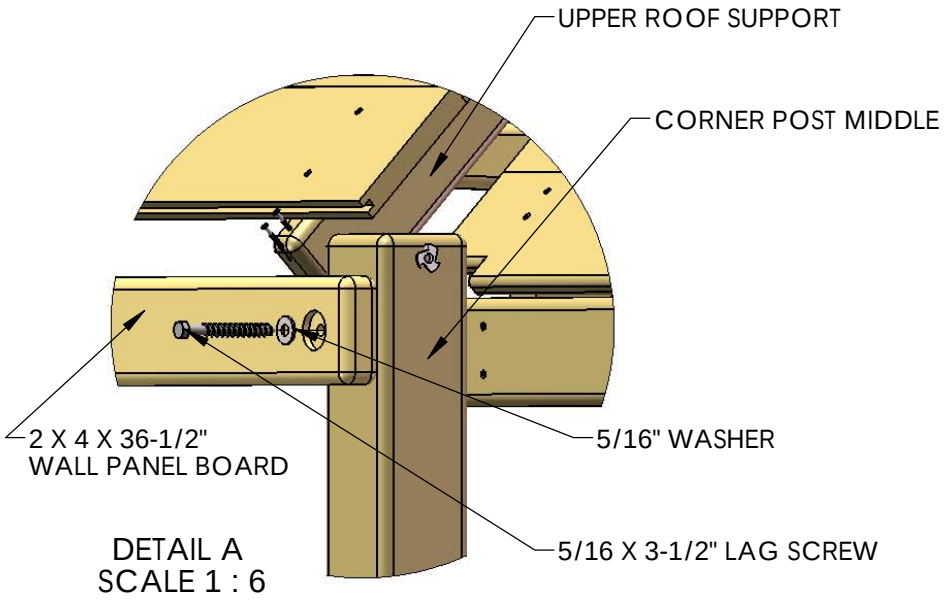




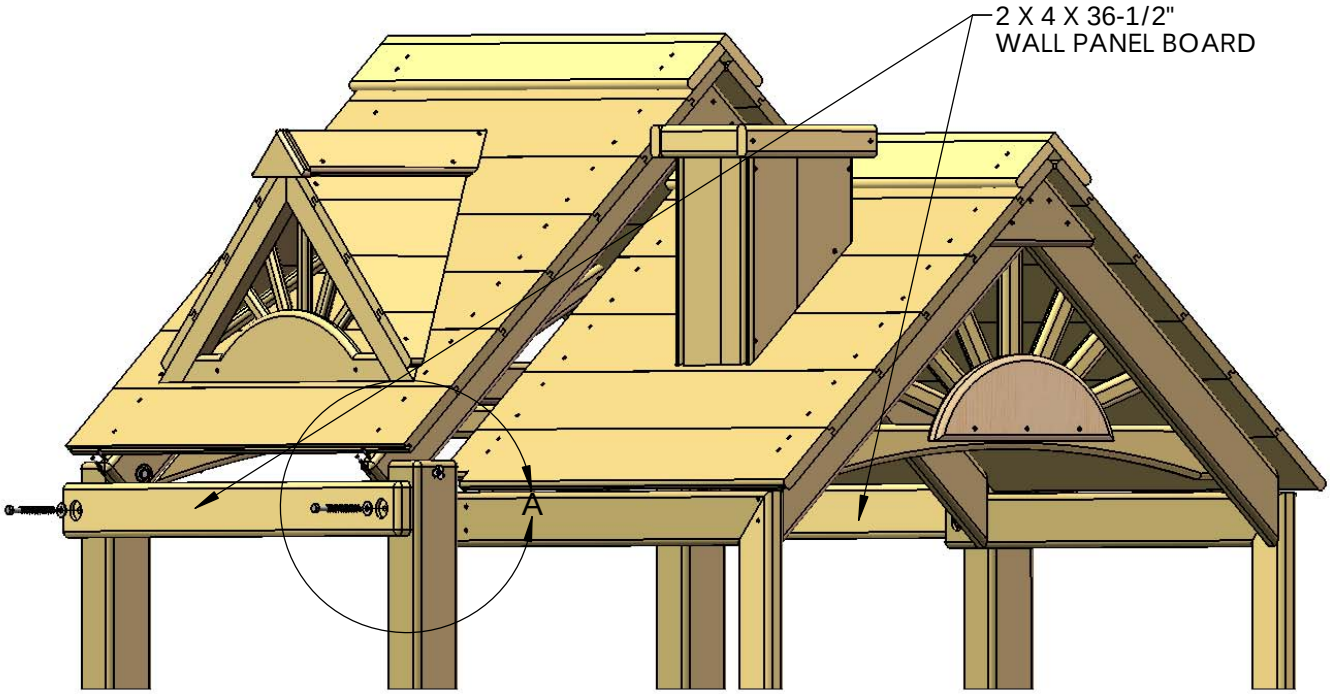
STEP 62: WALL PANEL BOARDS

1: PLACE THE 2 X 4 X 36-1/2" WALL PANEL BOARD AT THE TOP OF THE CORNER POST MIDDLE AND CORNER POST RIGHT ON THE FRONT OF THE FORT. MAKE THE WALL PANEL BOARD FLUSH WITH UPPER ROOF SUPPORT . USE 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS TO ATTACH THE WALL PANEL BOARD TO THE CORNER POSTS.

2: REPEAT ON THE REAR SIDE OF THE FORT.



DETAIL A
SCALE 1 : 6



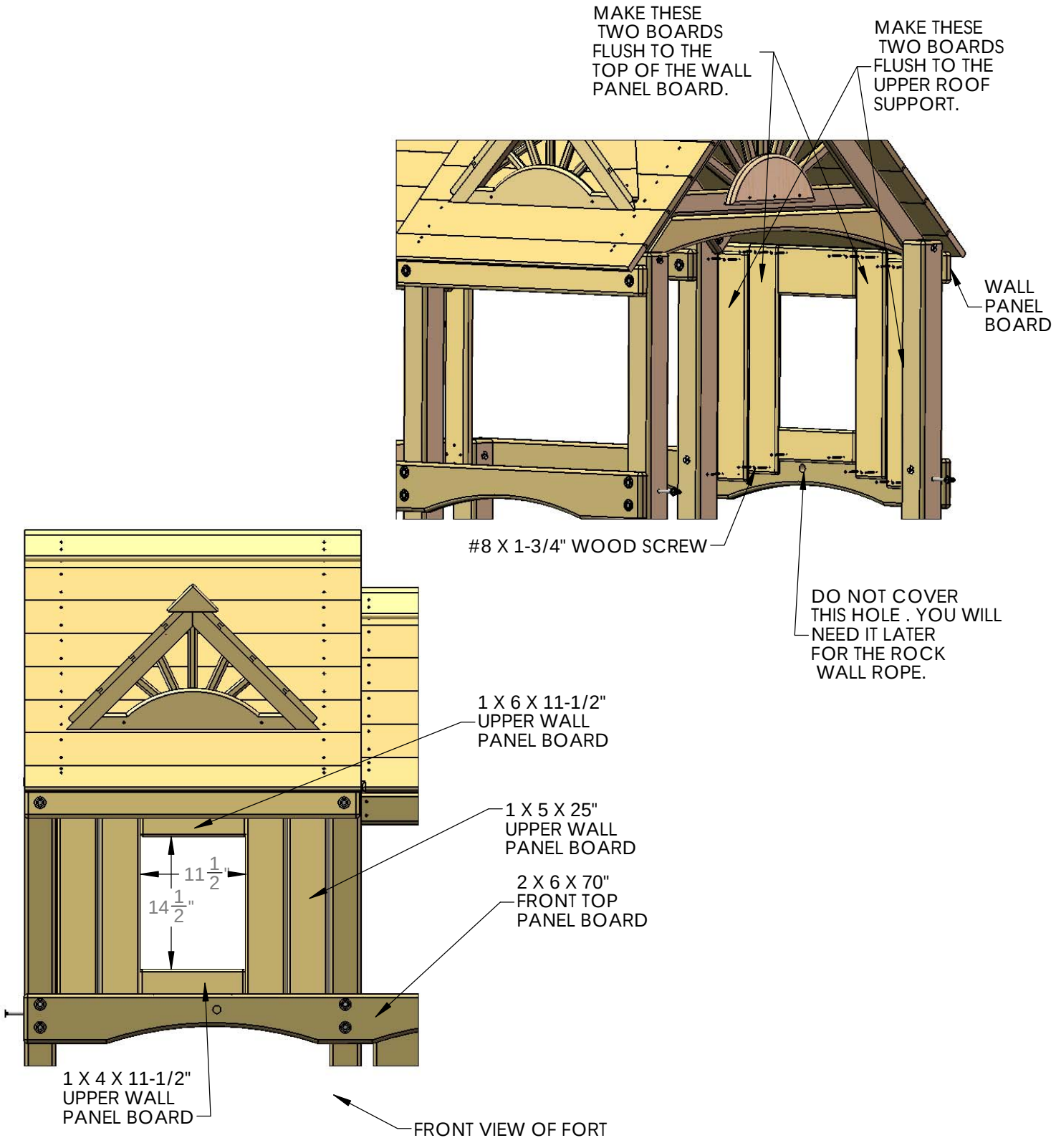
NOTE: UPPER ROOF FINISHER REMOVED FOR CLARITY.

STEP 63: FRONT UPPER WALL PANEL BOARD

1: FIND FOUR 1 X 5 X 25" UPPER WALL PANEL BOARDS , ONE 1 X 6 X 11-1/2" UPPER WALL PANEL BOARD AND ONE 1 X 4 X 11-1/2" UPPER WALL PANEL BOARD.

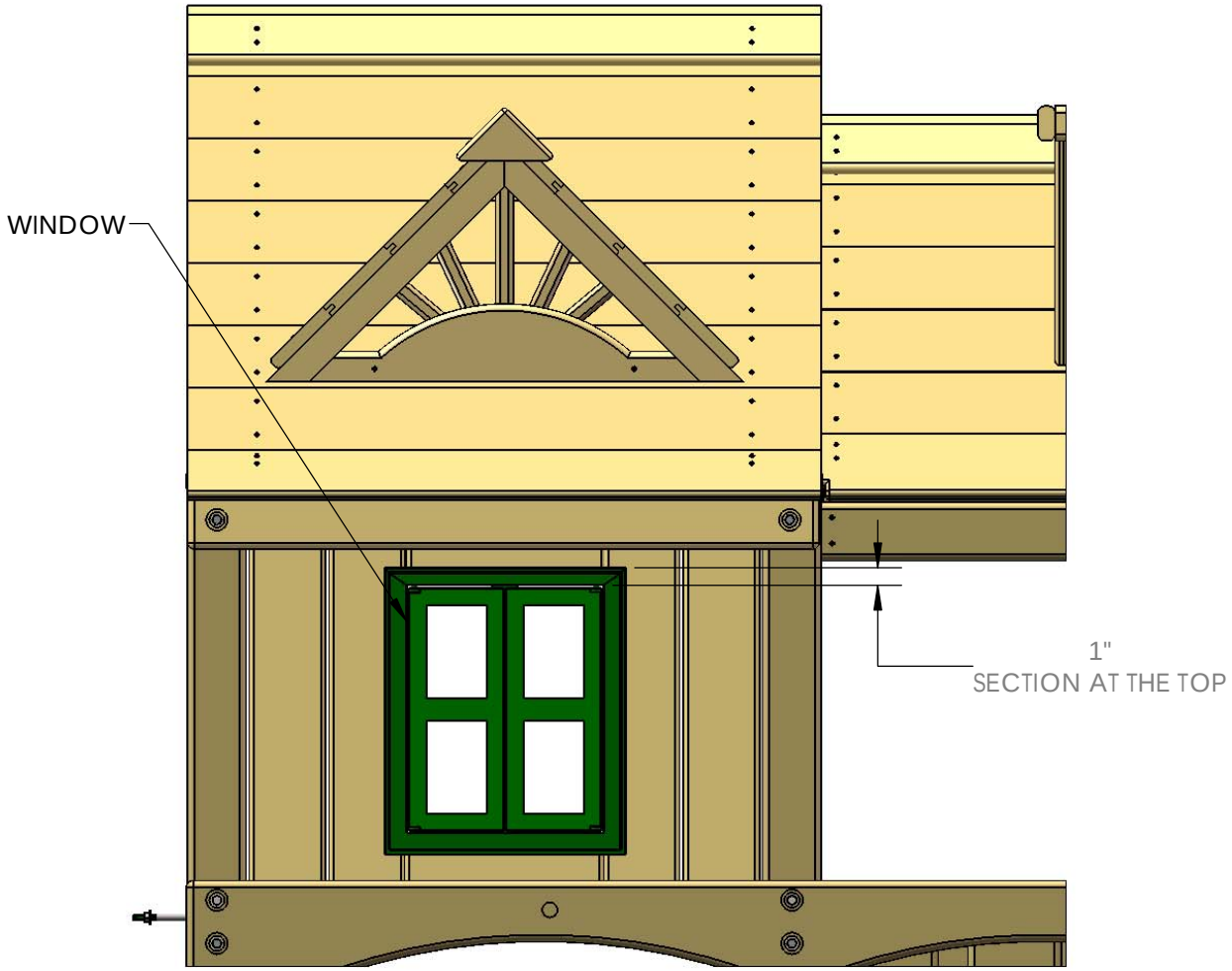
2: INSTALL THE UPPER WALL PANEL BOARDS AT THE DIMENSIONS SHOWN ON THE DIAGRAM.

3: ATTACH THE UPPER WALL PANEL BOARDS TO THE FRONT OF THE FORT WITH 1-3/4" WOOD SCREWS IN THE PRE-DRILLED HOLES. SWING BEAM MOUNT REMOVED FOR CLARITY.



STEP 64: INSTALL FRONT WINDOW

1: FIND A PLASTIC WINDOW. PLACE THE WINDOW INTO THE FRONT OPENING WITH THE 1" WIDE SECTION OF THE WINDOW FRAME AT THE TOP. ATTACH WINDOW WITH FOUR 1-1/4" WOOD SCREWS.

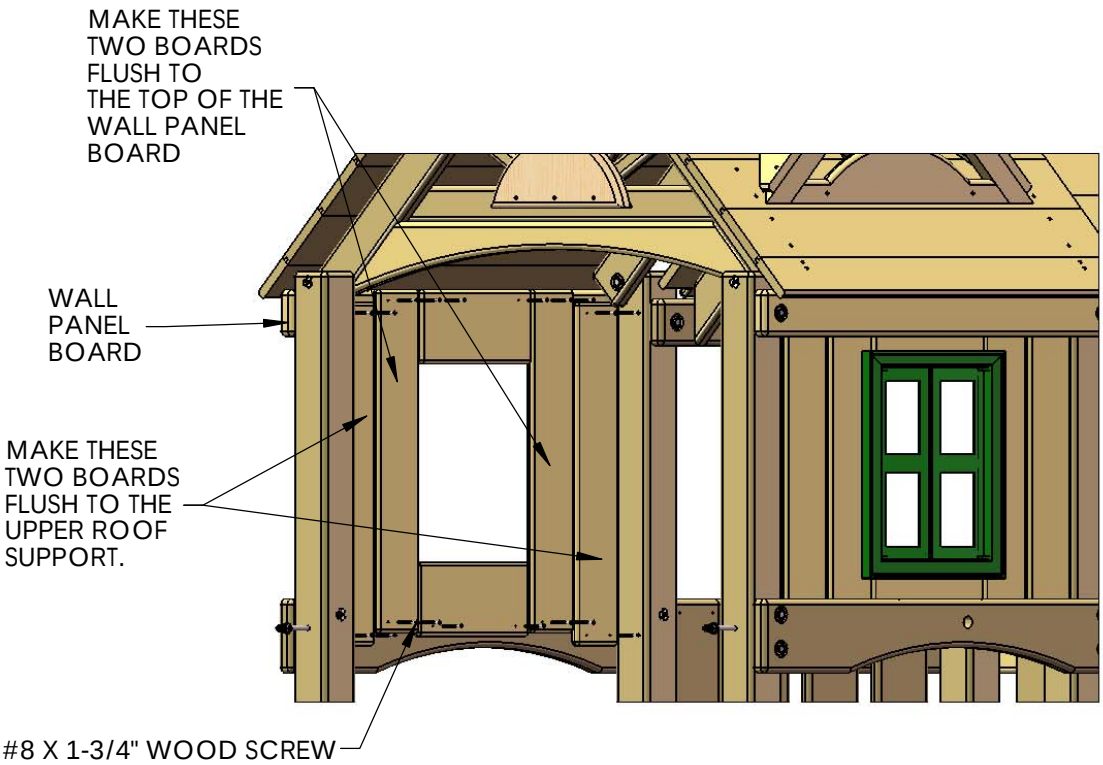


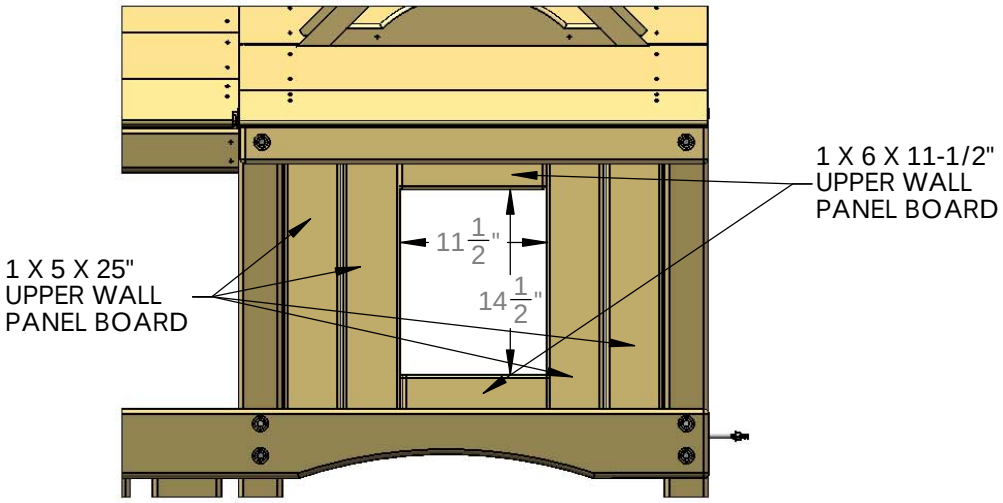
STEP 65: REAR UPPER WALL PANEL BOARD

1: FIND FOUR 1 X 5 X 25" UPPER WALL PANEL BOARD AND TWO 1 X 6 X 11-1/2" UPPER WALL PANEL BOARD.

2: INSTALL THE UPPER WALL PANEL BOARDS AT THE DIMENSIONS SHOWN ON THE DIAGRAM.

3: ATTACH THE UPPER WALL PANEL BOARDS TO THE REAR OF THE FORT WITH 1-3/4" WOOD SCREWS IN THE PRE-DRILLED HOLES. SWING BEAM MOUNT REMOVED FOR CLARITY

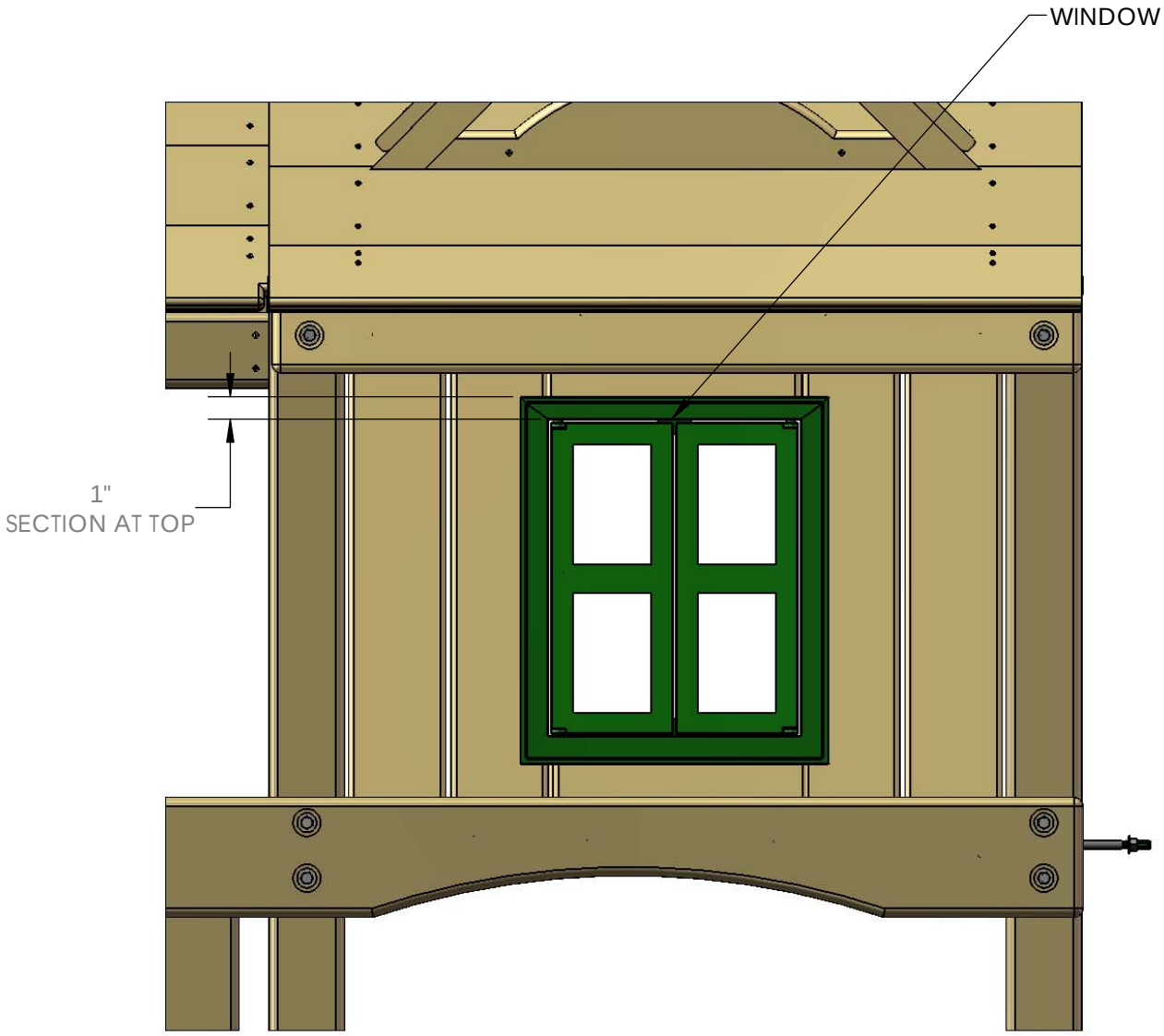




REAR VIEW OF FORT

STEP 66: INSTALL REAR WINDOW

1: FIND PLASTIC WINDOW. PLACE THE WINDOW INTO THE REAR IN THE OPENING WITH THE 1" WIDE SECTION OF THE WINDOW FRAME AT THE TOP. ATTACH WINDOW WITH FOUR 1-1/4" WOOD SCREWS.

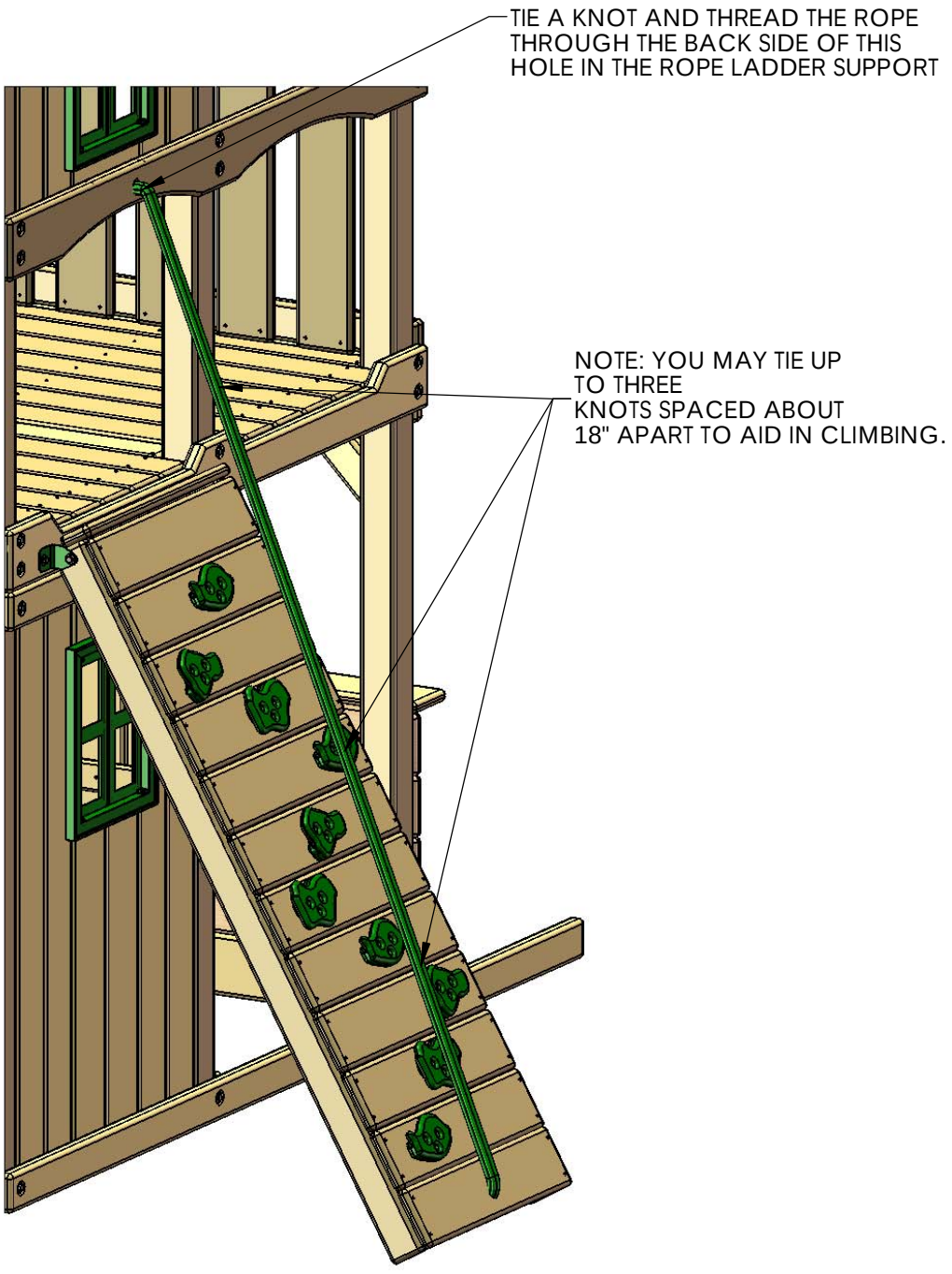


STEP 67: INSTALLING THE ROCK WALL ROPE

1: TIE A KNOT AT ONE END OF THE 10' ROPE AND THREAD IT THROUGH THE BACK SIDE OF THE HOLE IN THE ROPE LADDER SUPPORT.

2: THE UNTIED END WILL GO THROUGH THE HOLE OF THE BOTTOM ROCK WALL BOARD. TIE A SECURE KNOT AT THE END MAKING SURE THAT THE ROPE IS TIGHT AND WILL NOT WRAP AROUND YOUR HAND. IF THE ROPE WRAPS AROUND YOUR HAND IT IS TOO LOOSE. UNTIE ONE END AND THEN RETIE IT UNTIL IT NO LONGER WRAPS AROUND YOUR HAND.

HINT: TO REDUCE THE AMOUNT OF SLACK IN THE ROPE, LIFT THE ROCK WALL ASSEMBLY SLIGHTLY WHEN TYING THE KNOT IN THE BOTTOM ROCK WALL BOARD. WHEN YOU LOWER THE ASSEMBLY, THE ROPE WILL TIGHTEN.

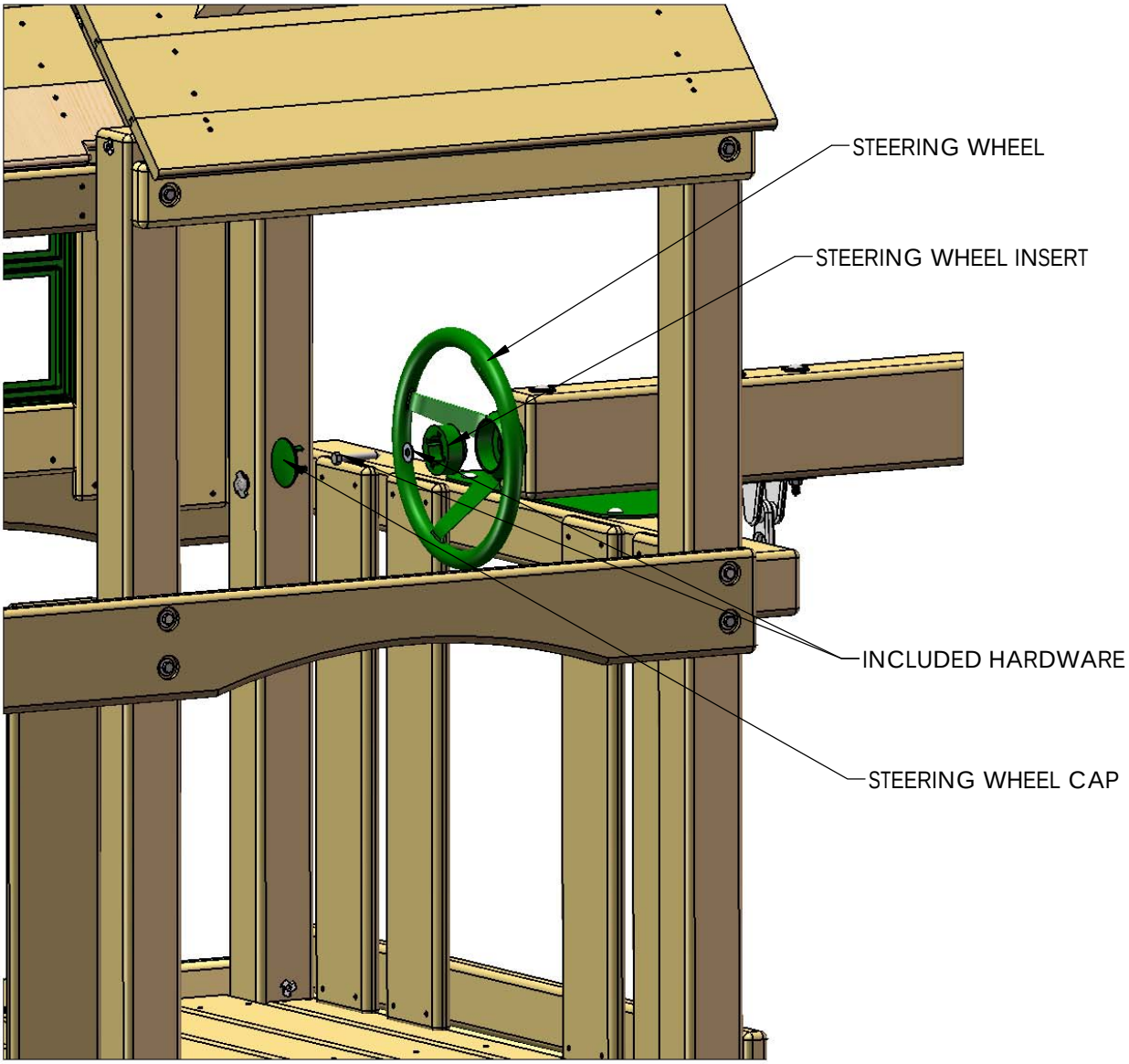


STEP 68: STEERING WHEEL

1: PLACE THE STEERING WHEEL INSERT INSIDE THE STEERING WHEEL.

2: USE THE HARDWARE INCLUDED WITH THE STEERING WHEEL TO MOUNT THE STEERING WHEEL TO THE END OF THE SWING BEAM. DO NOT OVER-TIGHTEN THE LAG SCREW INTO THE STEERING WHEEL, OR IT WILL NOT TURN.

3: PLACE THE STEERING WHEEL CAP OVER THE CENTER OF THE STEERING WHEEL.



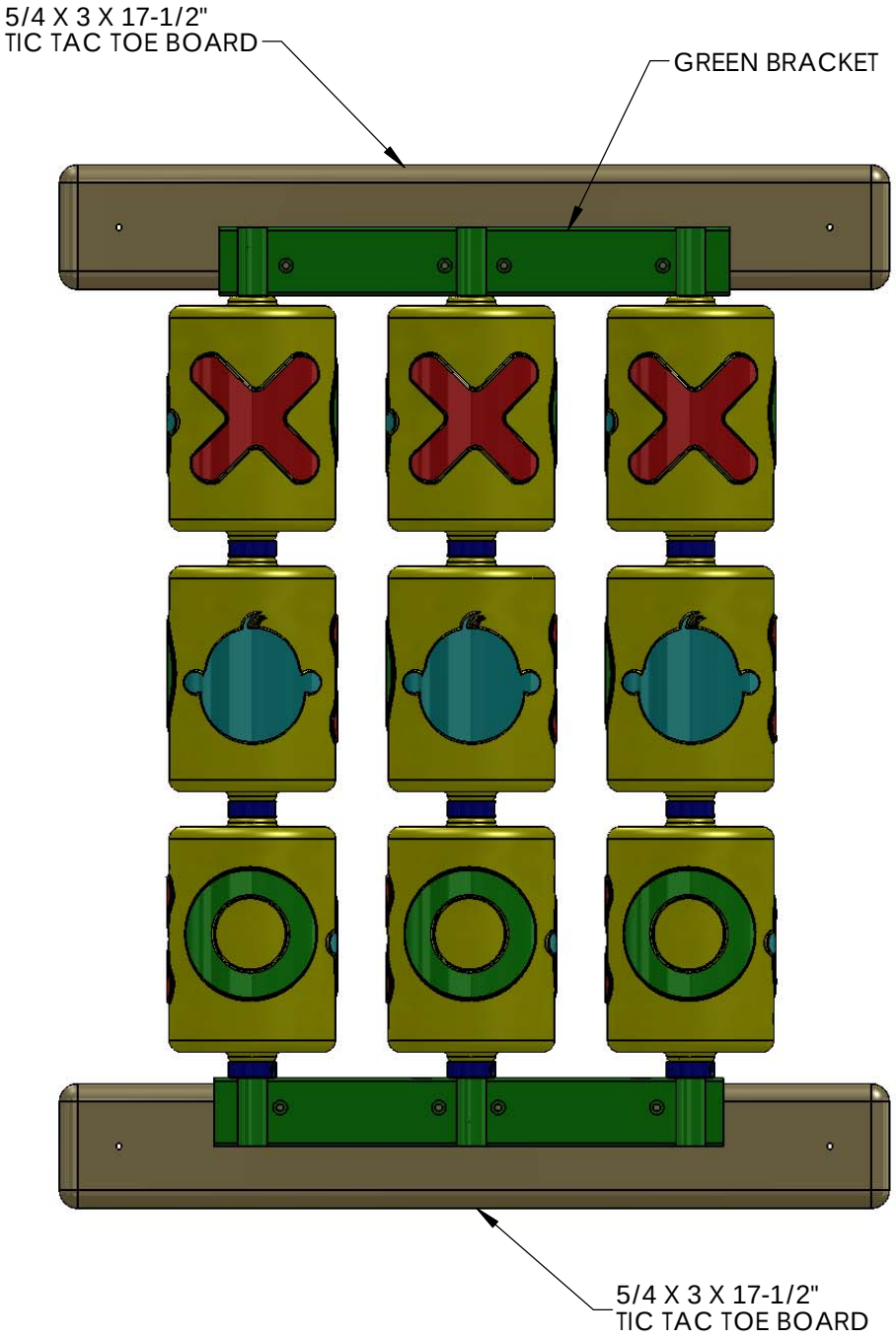
STEP 69: TIC TAC TOE ASSEMBLY

1: LOCATE THE 5/4 X 3 X 17-1/2" TIC TAC TOE MOUNTS. DRILL A 1/8" HOLE IN EACH END OF THE MOUNT AS SHOWN BELOW.

2: FASTEN THE TIC TAC TOE MOUNTS TO THE GREEN TIC TAC TOE BRACKETS WITH THE SCREWS PROVIDED IN THE TIC TAC TOE BOX.

3: ASSEMBLE THE TIC TAC TOE ACCORDING TO THE INSTRUCTIONS IN THE BOX.

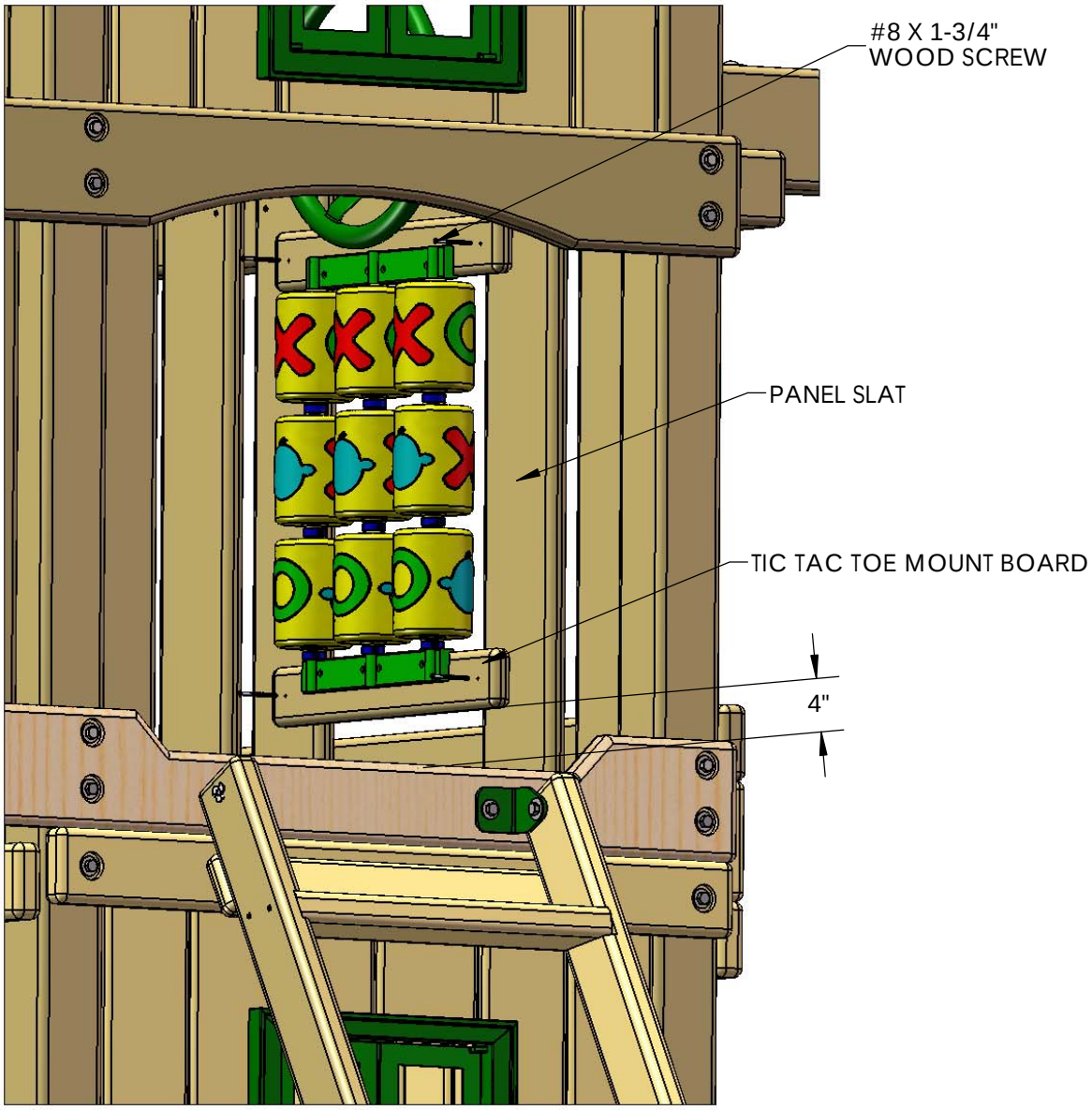
IGNORE STEPS 6 AND 7 IN THE INSTRUCTIONS.



STEP 70: MOUNTING TIC TAC TOE PANEL

1: PLACE THE TIC TAC TOE PANEL ASSEMBLY FROM THE PREVIOUS STEP ONTO THE SWING BEAM WALL. THE LOWER TIC TAC TOE MOUNT BOARD SHOULD BE 4" ABOVE THE DECK.

2: ATTACH EACH TIC TAC TOE MOUNT TO THE PANEL SLATS WITH #8 X 1-3/4 WOOD SCREWS.

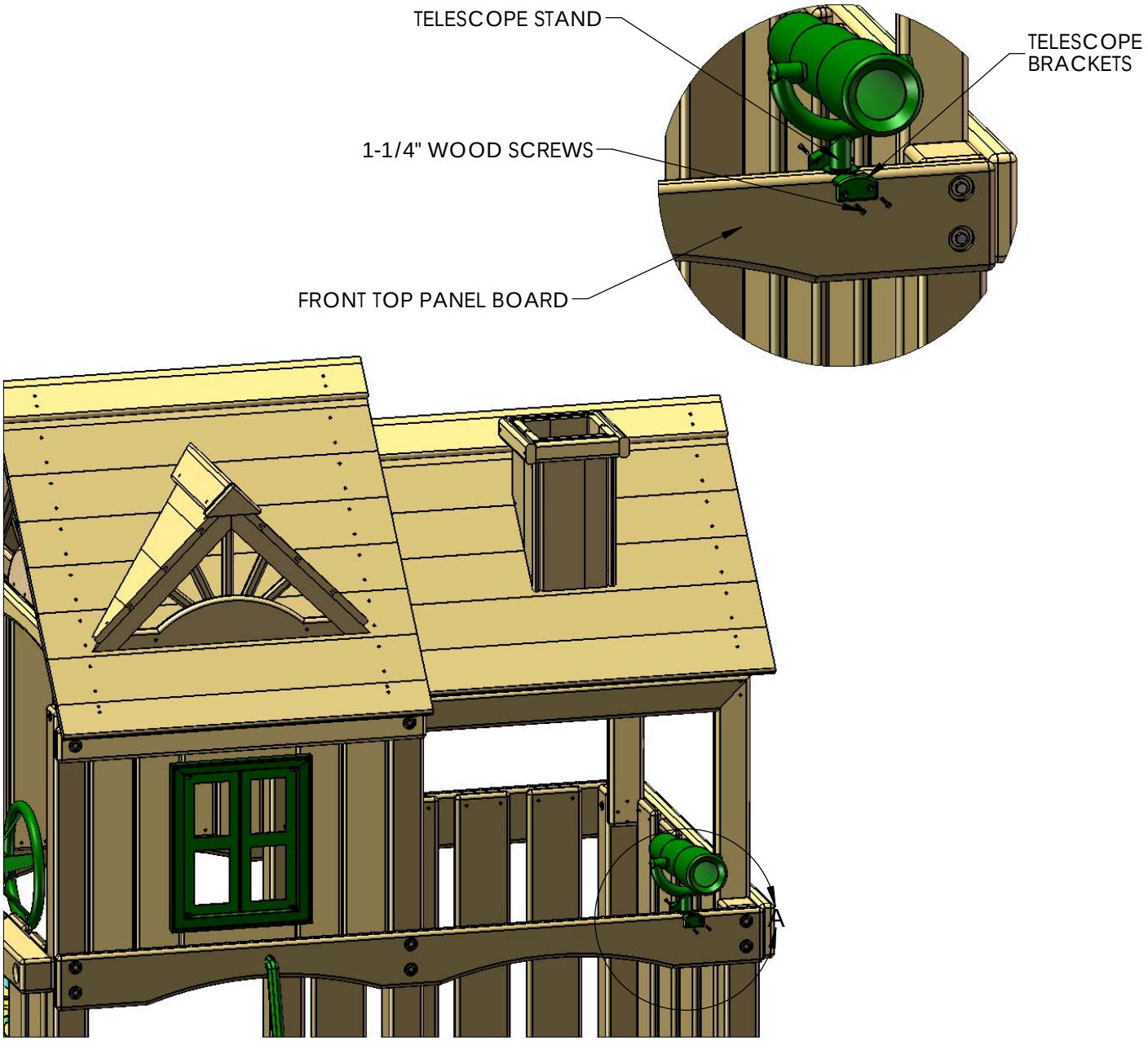


STEP 71: MOUNTING THE TELESCOPE

1: WITH THE 1-1/4" WOOD SCREWS PROVIDED IN THE TELESCOPE BAG, FASTEN ONE OF THE SQUARE TELESCOPE BRACKETS TO THE FRONT TOP PANEL BOARD ON THE SLIDE SIDE.

2: PLACE THE TELESCOPE STAND AND TELESCOPE INTO THE SLOT OF THE TELESCOPE BRACKET.

3: FASTEN THE REMAINING TELESCOPE BRACKET TO THE OPPOSITE SIDE THAT THE FIRST TELESCOPE BRACKET WAS INSTALLED ON WITH 1-1/4" WOOD SCREWS PROVIDED WITH THE TELESCOPE.

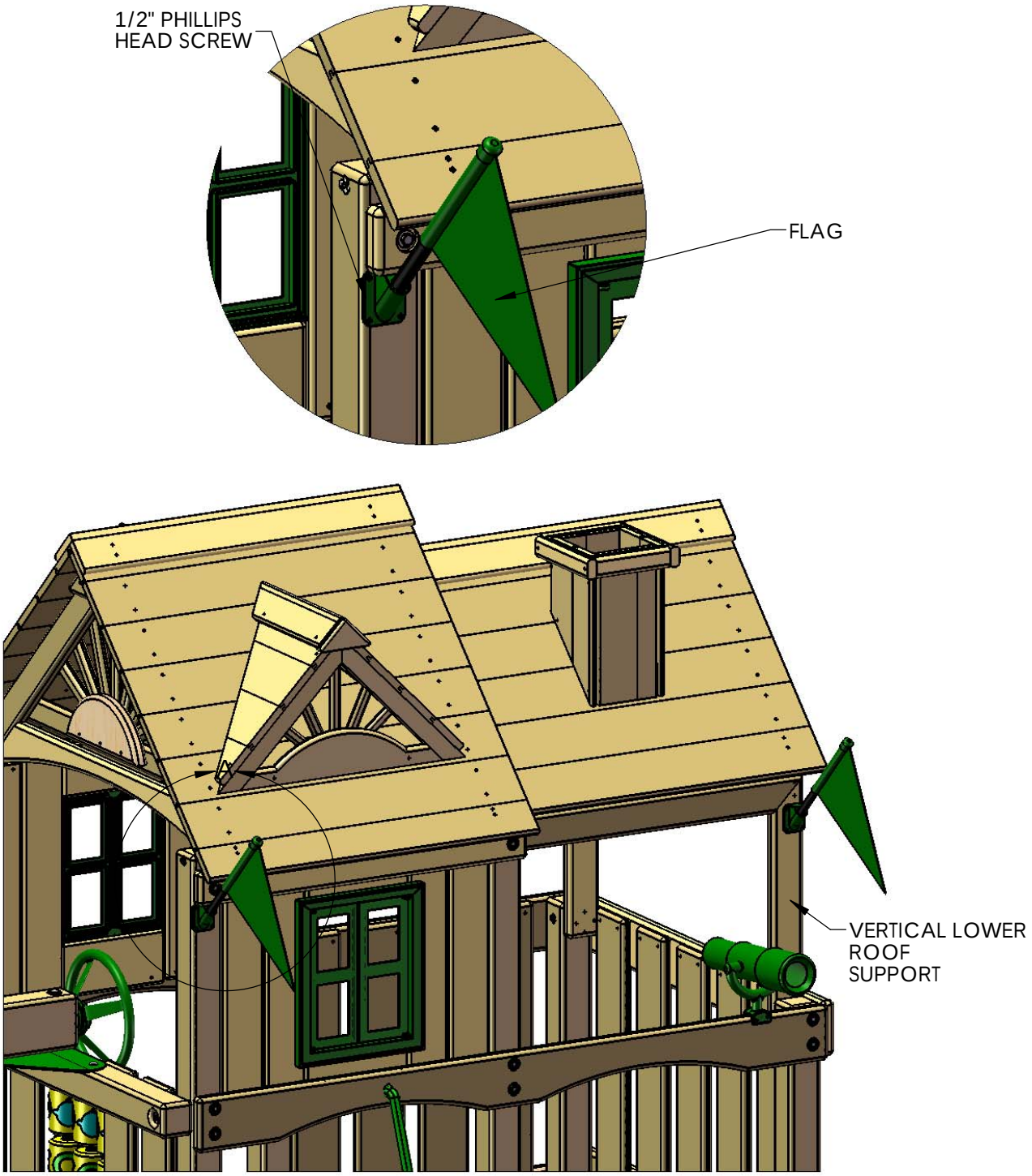


STEP 72: FLAG KIT

1: PLACE A FLAG ON THE CORNER POST AND VERTICAL LOWER ROOF SUPPORT AT THE FRONT OF THE FORT.

2: ATTACH THE BASE OF THE FLAG WITH THE 1/2" PHILLIPS HEAD SCREWS PROVIDED.

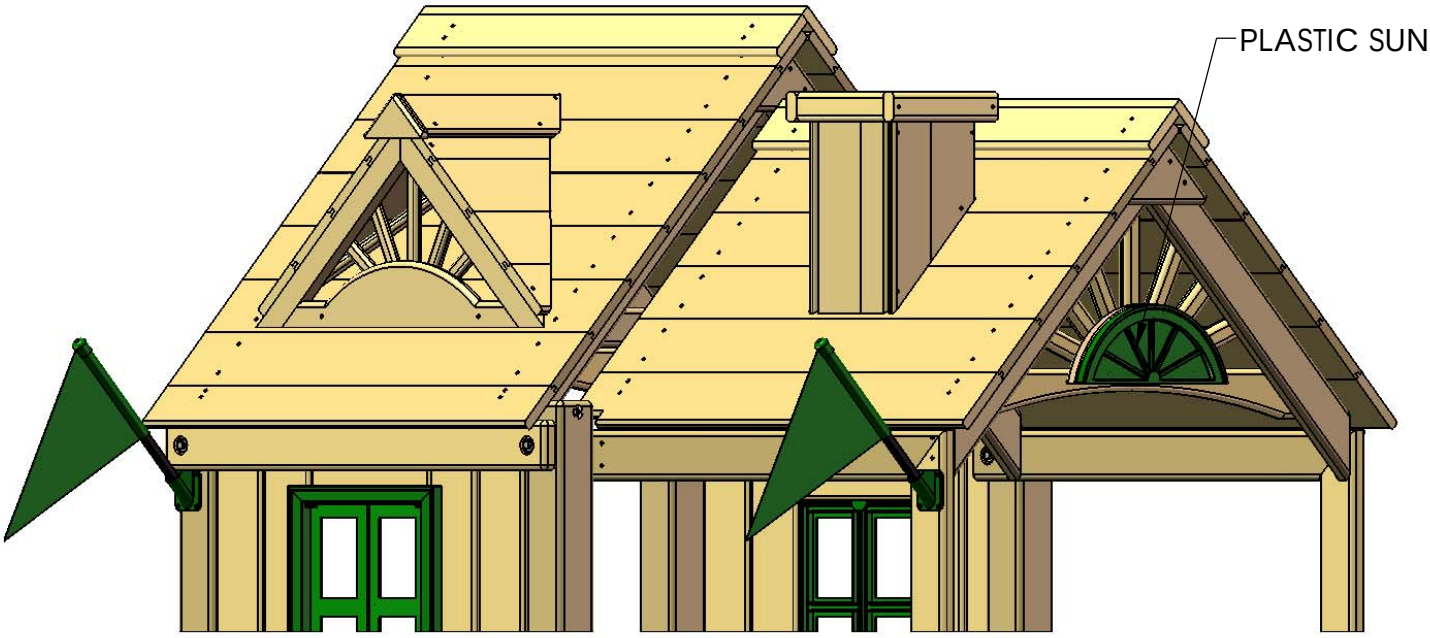
****DO NOT OVER-TIGHTEN****



STEP 73: PLASTIC SUN

1: PLACE THE PLASTIC SUN ON TOP OF THE WOOD SUN ON THE RIGHT SIDE AND SECURE USING #8 X 1-1/4" WOOD SCREWS.

NOTE: PLASTIC SUN IS ONLY INSTALLED ON THE FRONT WOOD SUN.



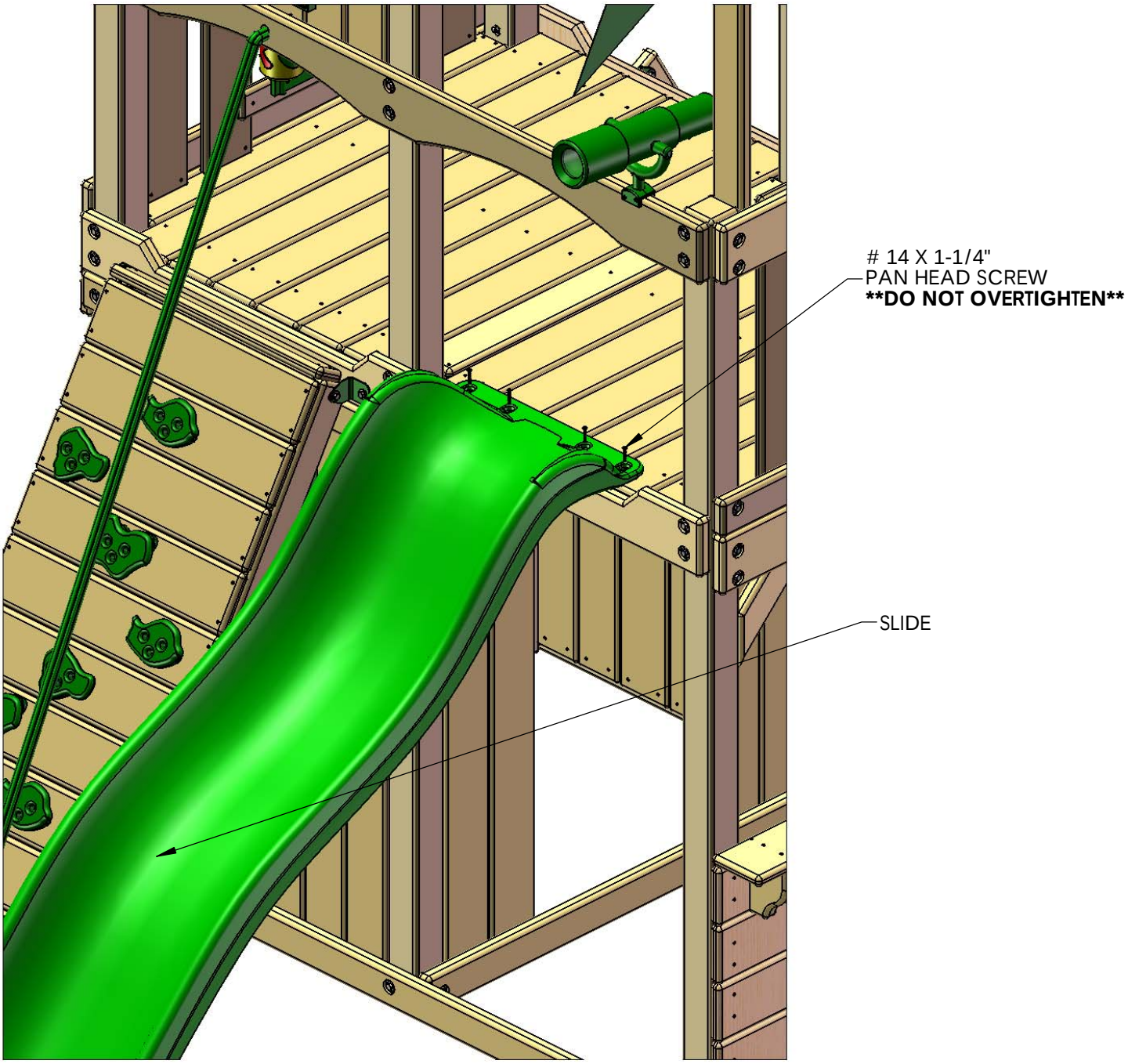
STEP 74: MOUNTING THE SLIDE

1: PLACE THE SLIDE IN THE OPENING AT THE FRONT RIGHT OF THE FORT. LAY THE SLIDE ON THE DECK WITH THE LIP EXTENDING ONTO THE DECK.

2: PREDRILL 1/8" HOLES INTO THE DECK BOARDS AT THE SCREW LOCATIONS.

3: ATTACH THE SLIDE TO THE DECK BOARDS WITH #14 X 1-1/4" PAN HEAD SCREWS.

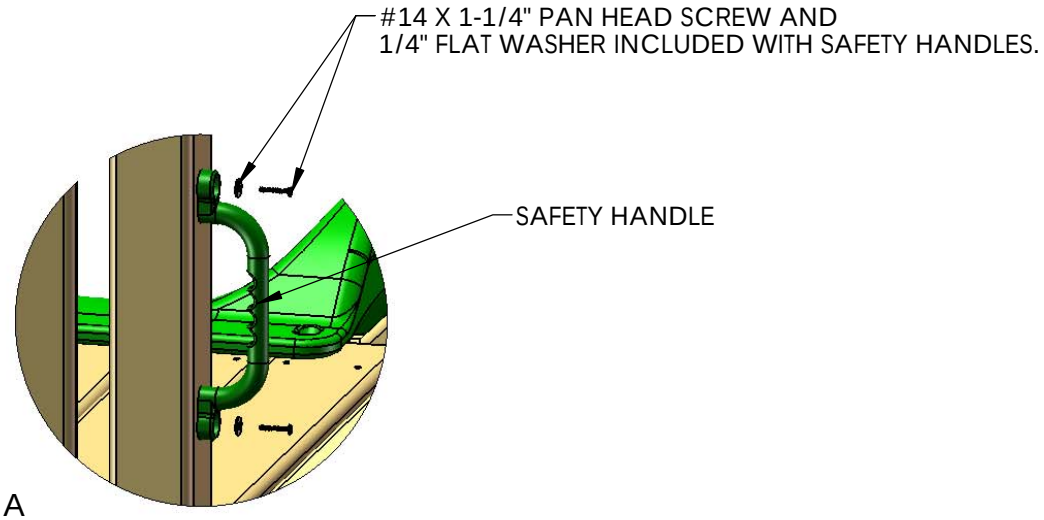
****DO NOT OVERTIGHTEN****



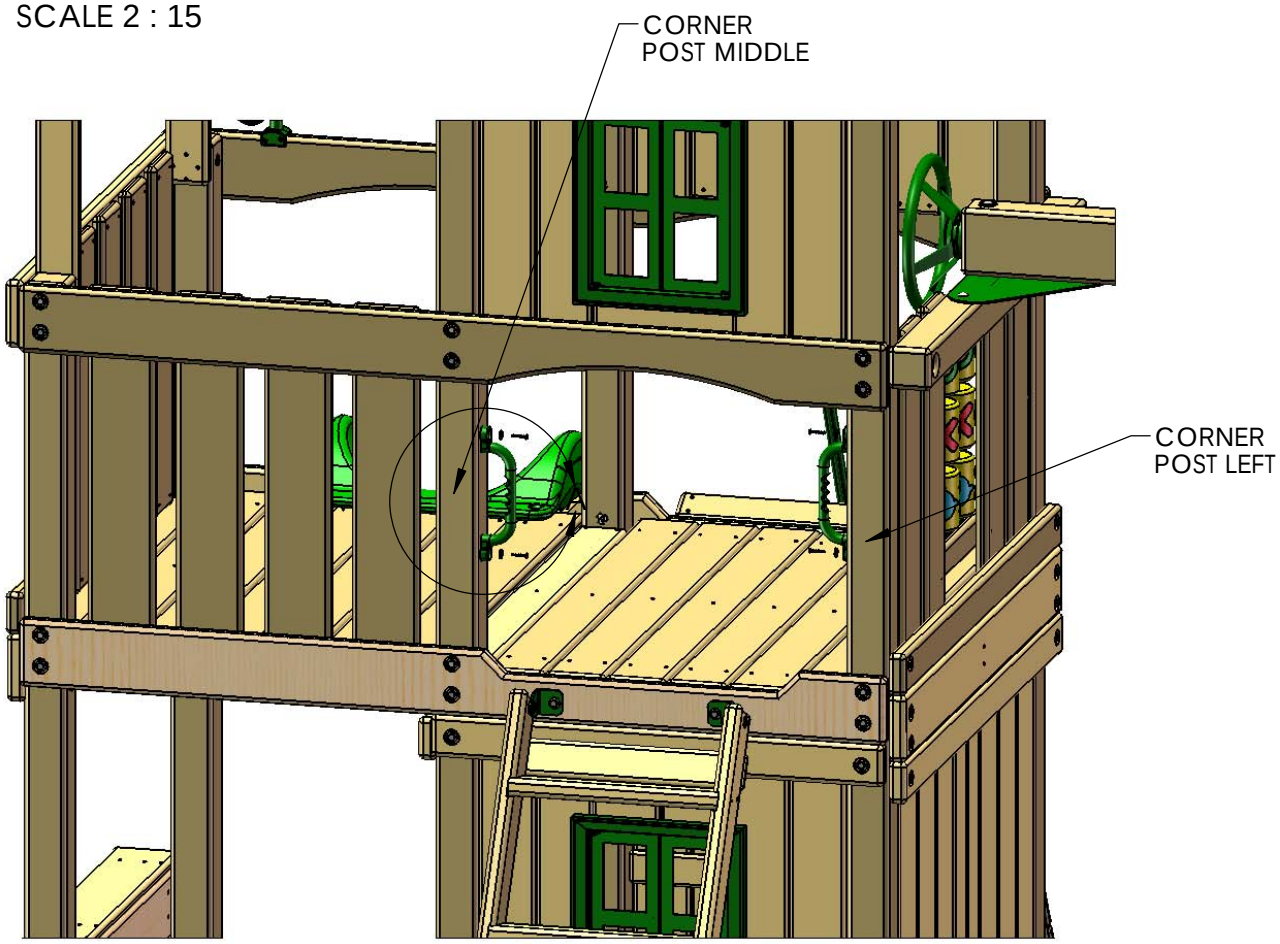
STEP 75: SAFETY HANDLES

1: LOCATE THE SAFETY HANDLE BAG. PLACE A SAFETY HANDLE ON THE CORNER POST LEFT AND CORNER POST MIDDLE. ADJUST THE HEIGHT TO SUIT THE NEEDS OF YOUR CHILD.

2: USE THE HARDWARE INCLUDED WITH THE SAFETY HANDLES TO ATTACH EACH HANDLE TO THE CORNER POST LEFT OR CORNER POST MIDDLE.



DETAIL A
SCALE 2 : 15



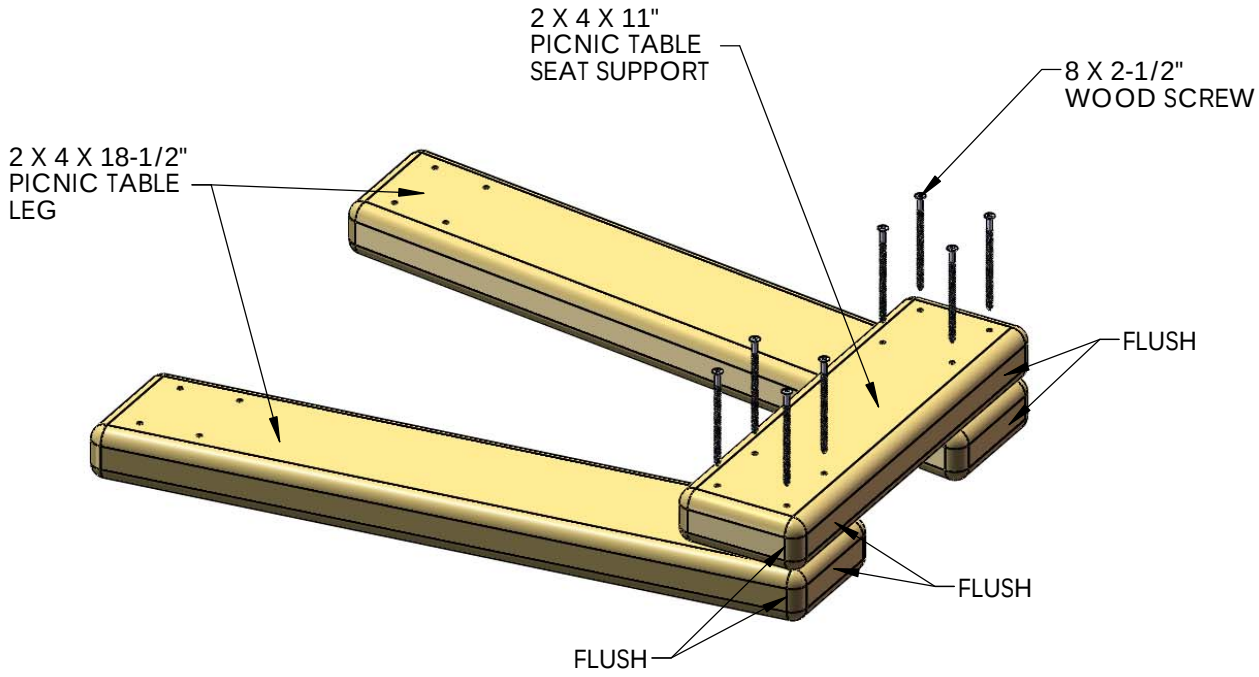
STEP 76: INSTALL PICNIC TABLE

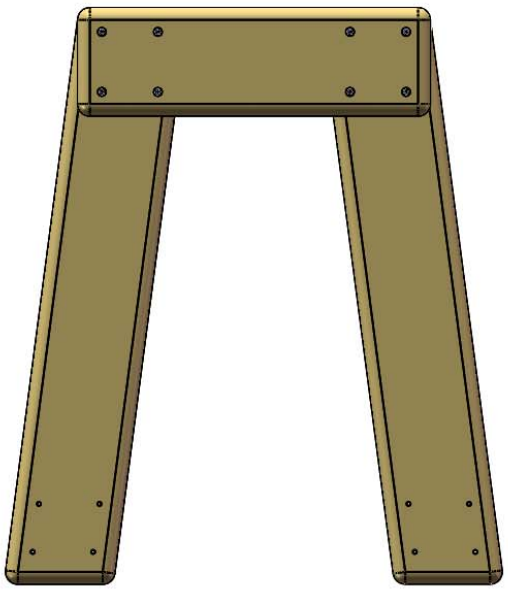
1: LOCATE FOUR 2 X 4 X 18-1/2" PICNIC TABLE LEGS AND TWO 2 X 4 X 11" PICNIC TABLE SEAT SUPPORTS.

2: FIND A FLAT SURFACE TO WORK ON. LAY TWO 2 X 4 X 18-1/2" PICNIC TABLE LEG DOWN ON THE FLAT SURFACE WITH THE PRE-DRILL HOHES FACING DOWN. PLACE A 2 X 4 X 11" PICNIC TABLE SEAT SUPPORT ON TOP OF THE TWO 2 X 4 X 18-1/2" PICNIC TABLE LEG AS SHOWN. THE EDGES SHOULD BE FLUSH WHERE SHOWN BELOW.

3: USE FOUR #8 X 2-1/2" WOOD SCREWS TO ATTACH THE PICNIC TABLE SEAT SUPPORT TO THE PICNIC TABLE LEGS AS SHOWN BELOW.

4: MAKE ONE MORE ASSEMBLY BY REPEATING 2 AND 3.





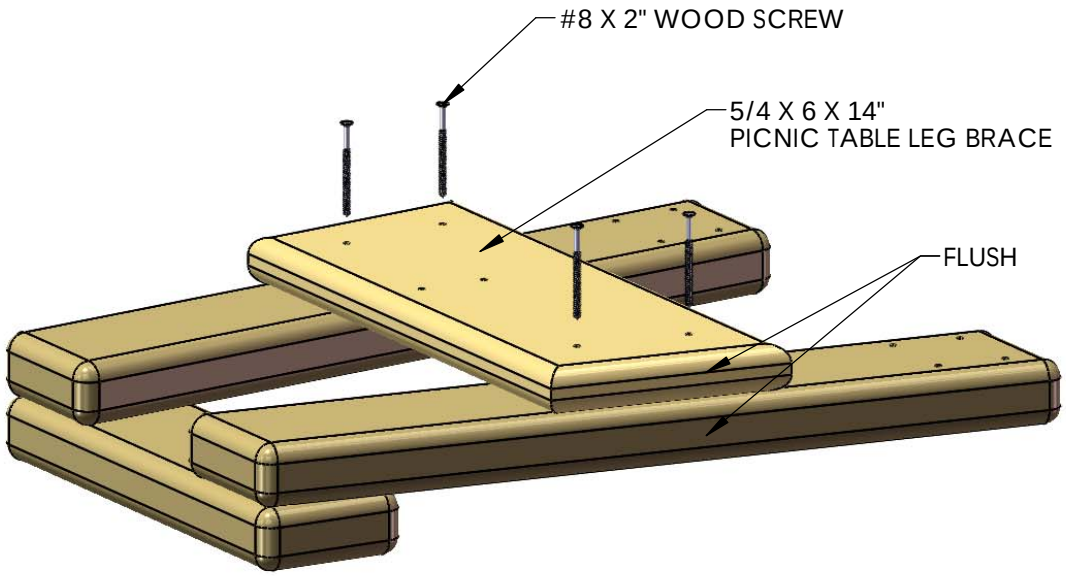
STEP 77: INSTALL PICNIC TABLE

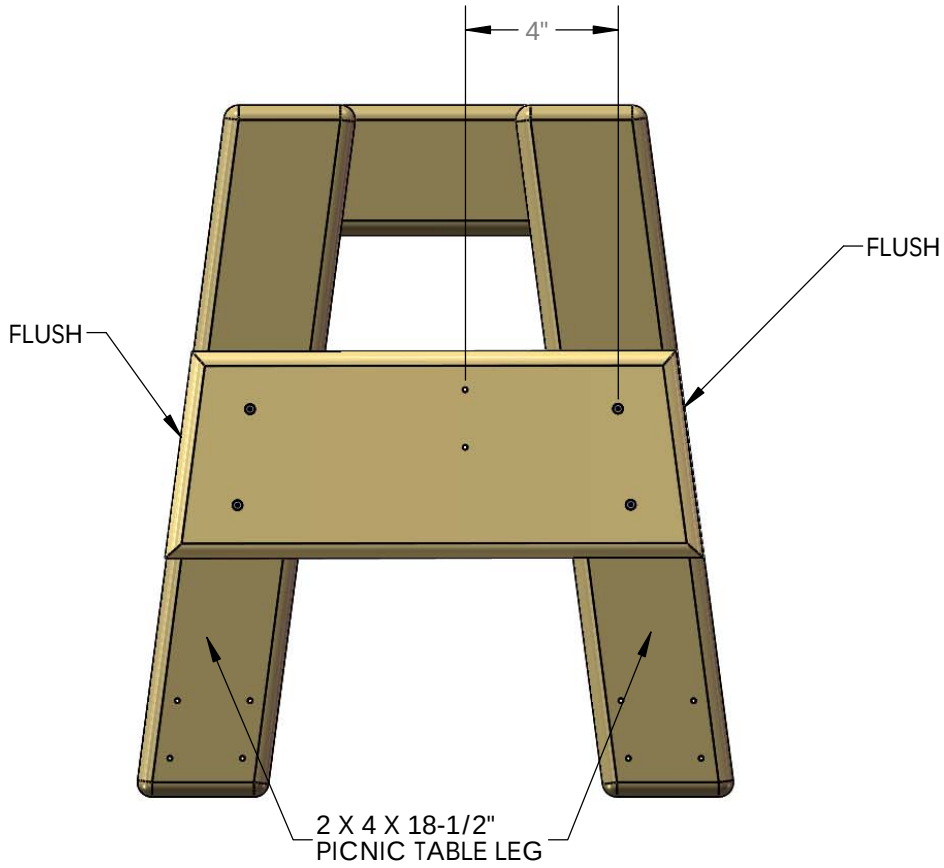
1: LOCATE TWO 5/4 X 6 X 14" PICNIC TABLE LEG BRACES.

2: PLACE A 5/4 X 6 X 14" PICNIC TABLE LEG BRACE ON TOP OF THE TWO 2 X 4 X 18-1/2" PICNIC TABLE LEGS AS SHOWN. THE EDGES SHOULD BE FLUSH WHERE SHOWN BELOW.

3: USE #8 X 2" WOOD SCREWS TO ATTACH THE PICNIC TABLE LEG BRACE TO THE PICNIC TABLE LEGS AS SHOWN BELOW.

4: MAKE ONE MORE ASSEMBLY BY REPEATING 2 AND 3.



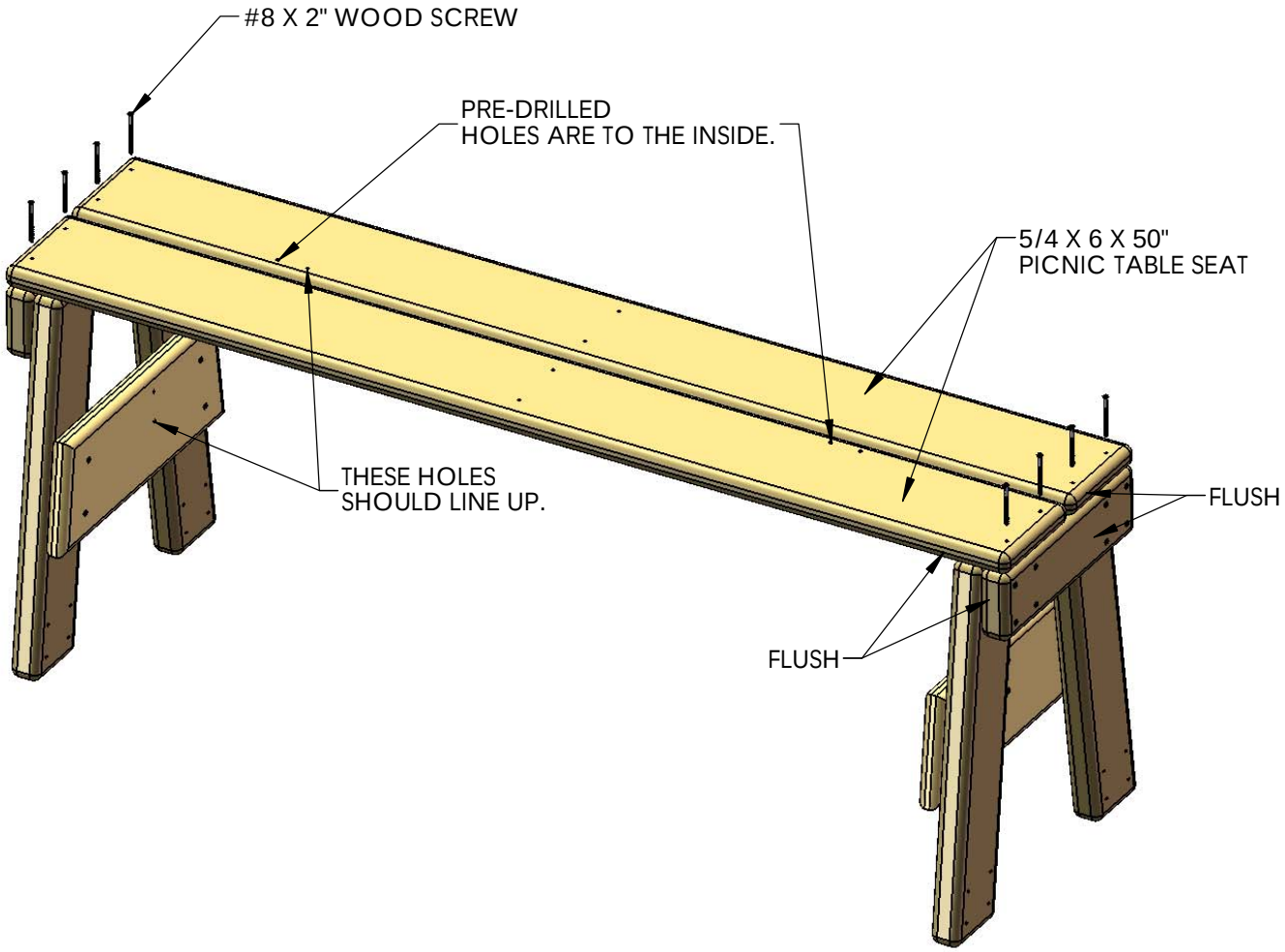


STEP 78: INSTALL PICNIC TABLE

1: LOCATE TWO 5/4 X 6 X 50" PICNIC TABLE SEAT.

2: PLACE A 5/4 X 6 X 50" PICNIC TABLE SEAT ON TOP OF THE TWO PICNIC TABLE LEGS YOU JUST ASSEMBLED AS SHOWN. THE EDGES SHOULD BE FLUSH WHERE SHOWN BELOW.

3: USE #8 X 2" WOOD SCREWS TO ATTACH THE PICNIC TABLE SEAT TO THE PICNIC TABLE LEGS ASSEMBLE AS SHOWN BELOW.



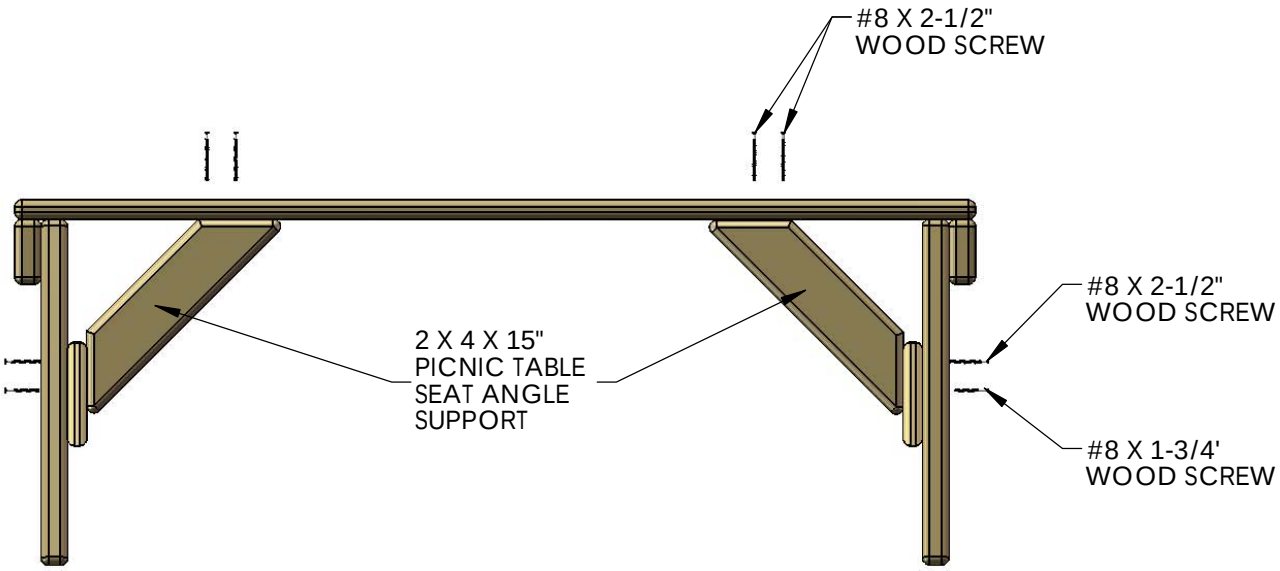
STEP 79: INSTALL PICNIC TABLE

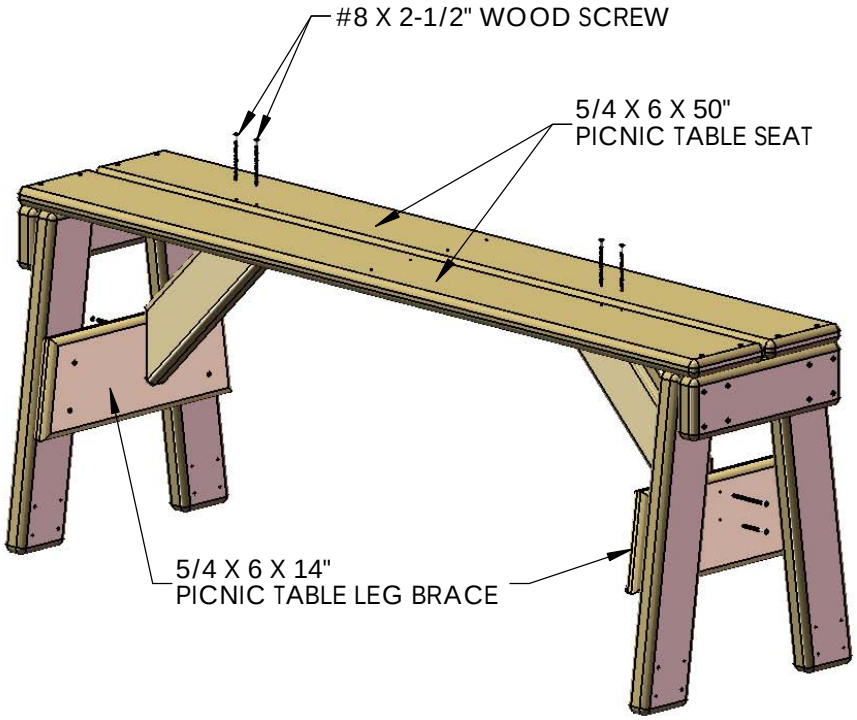
1: LOCATE TWO 2 X 4 X 15" PICNIC TABLE SEAT ANGLE SUPPORT.

2: PLACE A 2 X 4 X 15" PICNIC TABLE SEAT ANGLE SUPPORT UNDER THE 5/4 X 6 X 50" PICNIC TABLE SEAT AS SHOWN BELOW.

3: USE TWO 2-1/2" WOOD SCREWS THROUGH THE PICNIC TABLE SEAT INTO THE PICNIC TABLE SEAT ANGLE SUPPORT.

4: FOR THE PICNIC TABLE LEG BRACE AT THE TOP USE A 2-1/2" WOOD SCREW THROUGH THE PICNIC TABLE LEG BRACE INTO THE PICNIC TABLE SEAT ANGLE SUPPORT. AT THE BOTTOM USE A #8 X 1-3/4" WOOD SCREW.



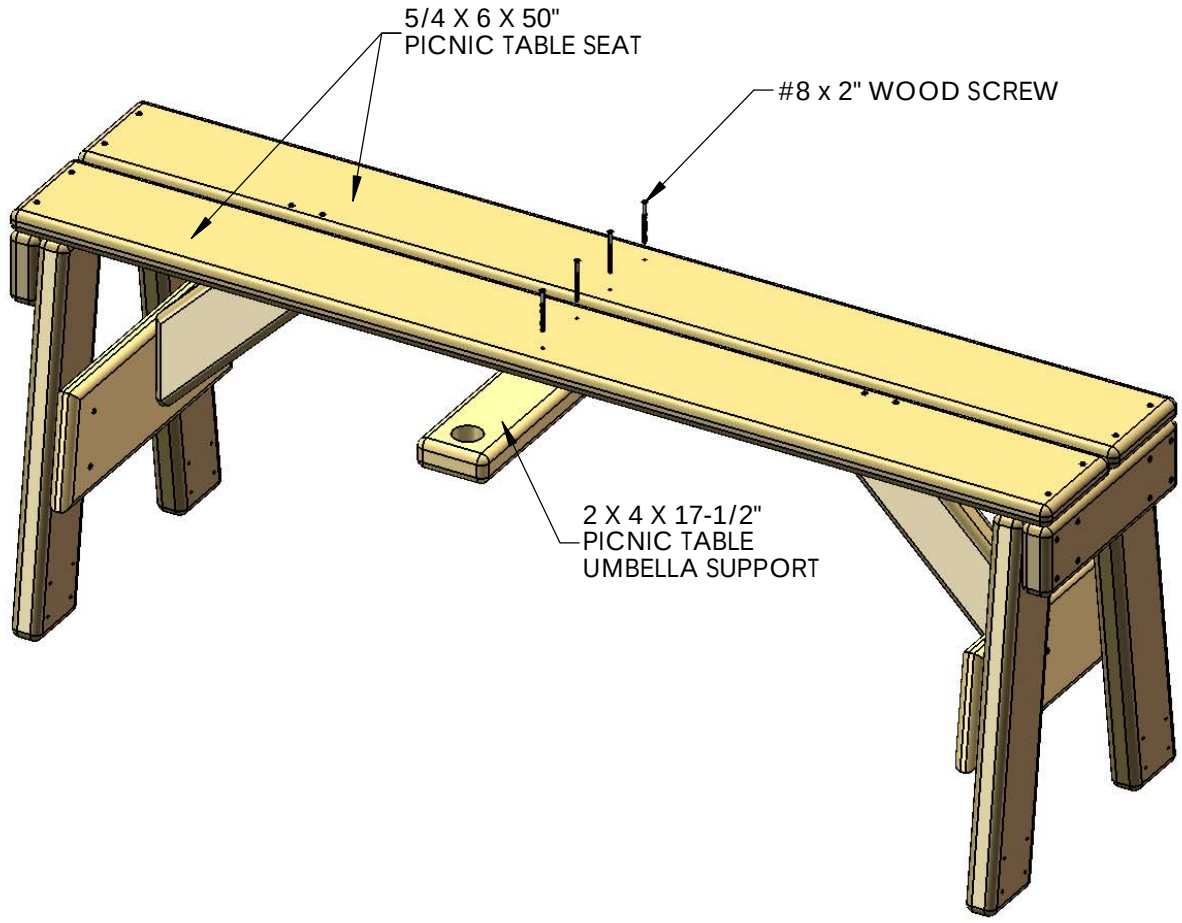


STEP 80: INSTALL PICNIC TABLE

1: LOCATE A 2 X 4 X 17-1/2" PICNIC TABLE UMBELLA SUPPORT.

2: PLACE A 2 X 4 X 17-1/2" PICNIC TABLE UMBELLA SUPPORT UNDER THE 5/4 X 6 X 50" PICNIC TABLE SEAT AS SHOWN BELOW.

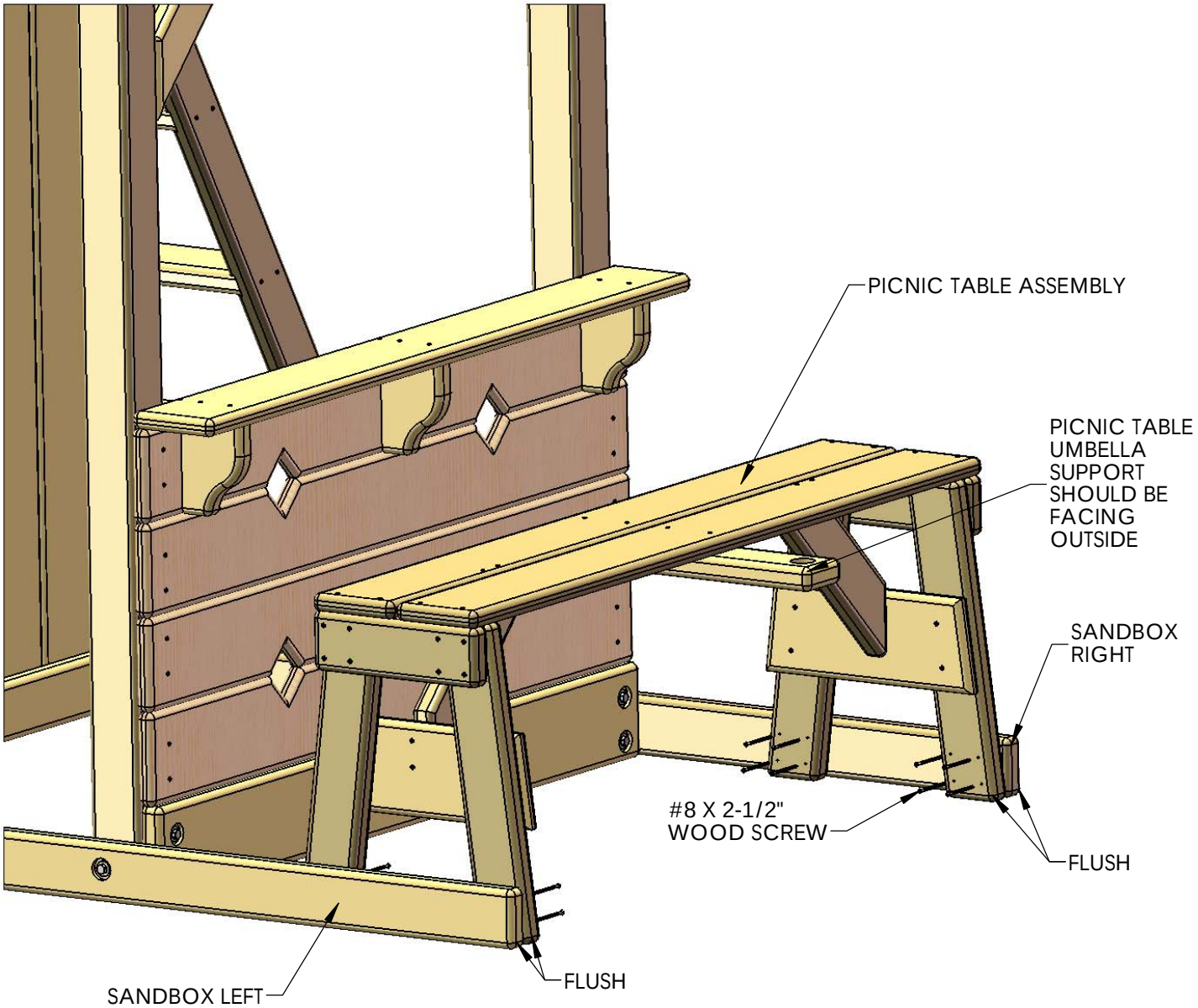
3: USE #8 X 2" WOOD SCREWS TO ATTACH THE PICNIC TABLE UMBELLA SUPPORT TO THE PICNIC TABLE SEAT AS SHOWN BELOW.



STEP 81: INSTALL PICNIC TABLE

1: PLACE THE PICNIC TABLE ASSEMBLY BETWEEN OF THE SANDBOX LEFT AND SANDBOX RIGHT AS SHOWN BELOW.

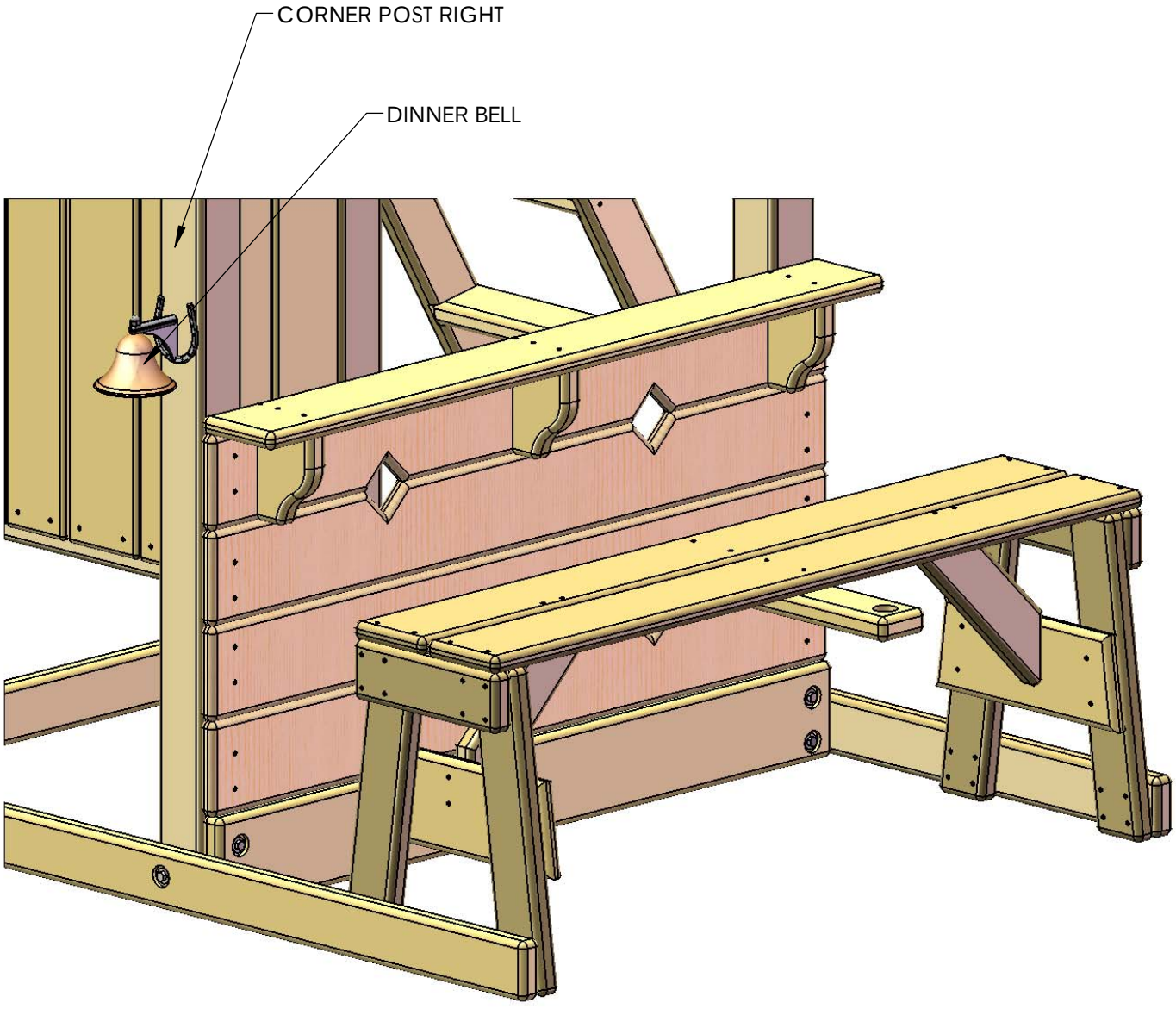
2: USE #8 X 2-1/2" WOOD SCREWS TO ATTACH THE PICNIC TABLE ASSEMBLY TO THE SANDBOX BOARDS AS SHOWN BELOW.



STEP 82: DINNER BELL

1: PLACE THE BASE OF THE DINNER BELL ON THE CORNER POST RIGHT RIGHT ON THE FRONT OF THE FORT AND ATTACH WITH PROVIDED SCREWS.

2: ASSEMBLE THE BELL AND TIGHTEN TO THE BASE WITH THE PROVIDED NUT.

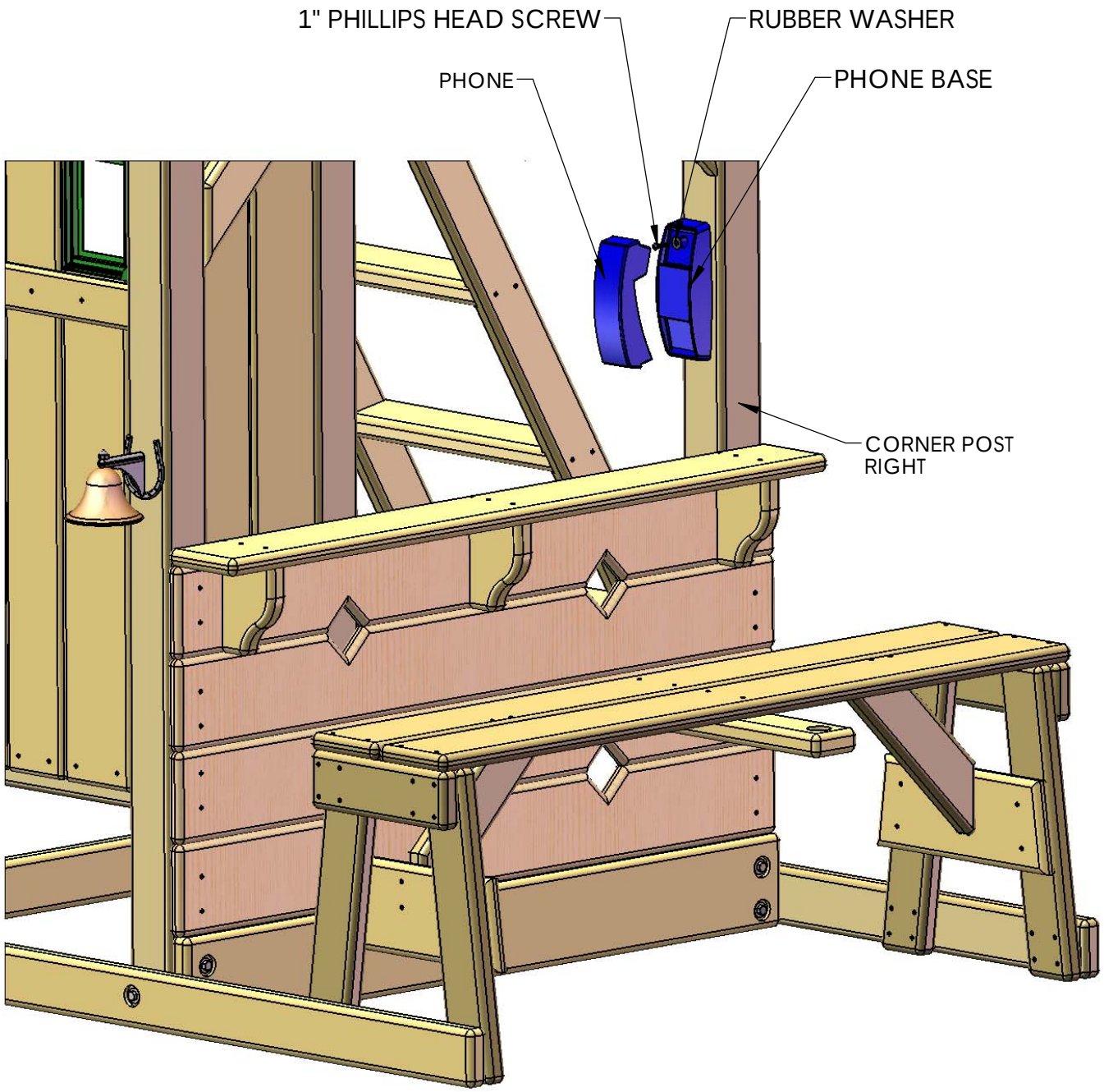


STEP 83: PHONE

1: PLACE THE PHONE BASE ON THE SIDE OF CORNER POST RIGHT REAR .

2: PLACE THE BLACK RUBBER WASHER OVER THE END OF THE 1" LONG PHILLIPS HEAD SCREW. INSERT THE SCREW INTO THE HOLE IN THE PHONE BASE AND SCREW IT INTO THE CORNER POST RIGHT. **DO NOT OVER-TIGHTEN SCREW.** OVER-TIGHTENING MAY CAUSE THE PLASTIC TO CRACK.

3: HANG UP THE PHONE ONTO THE PHONE BASE.

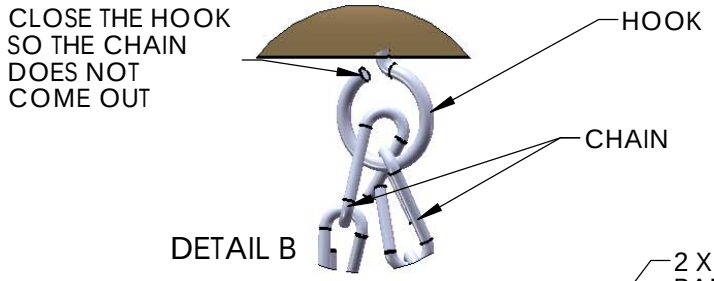


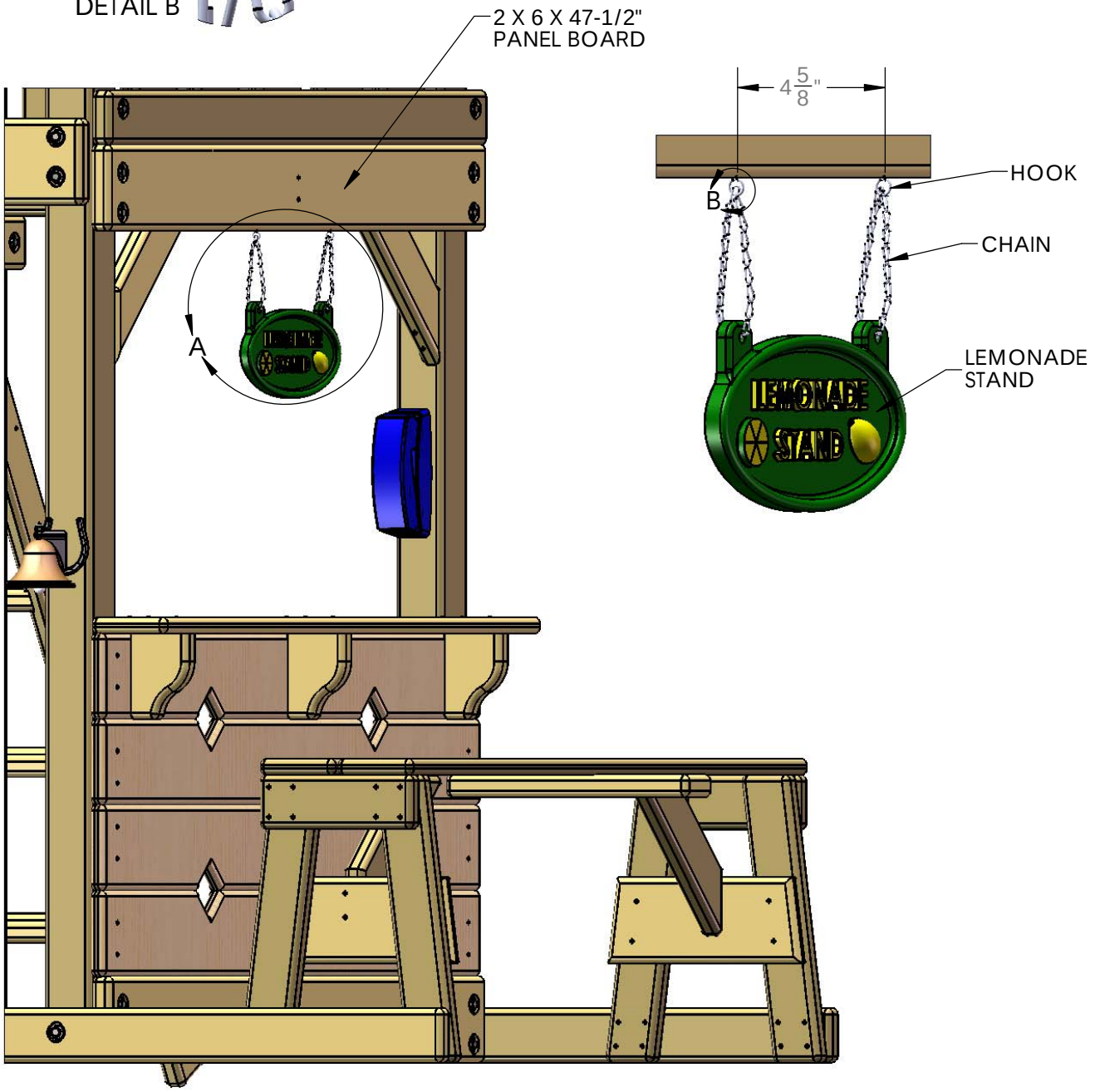
STEP 84: INSTALL LEMONADE STAND SIGN

1: PLACE THE LEMONADE STAND AT THE CENTER OF THE 2 X 6 X 47-1/2" PANEL BOARD.

2: SCREW THE HOOKS UNDERNEATH OF THE PANEL BOARD AS SHOWN BELOW. THEN PUT THE CHAIN THROUGH THE HOLE OF LEMONADE STAND PLATE.

3: HANG THE CHAIN ON THE HOOK AS SHOWN IN DETAIL B THEN CLOSE THE HOOK SO THE CHAIN DOES NOT COME OUT .





STEP 85: UMBRELLA

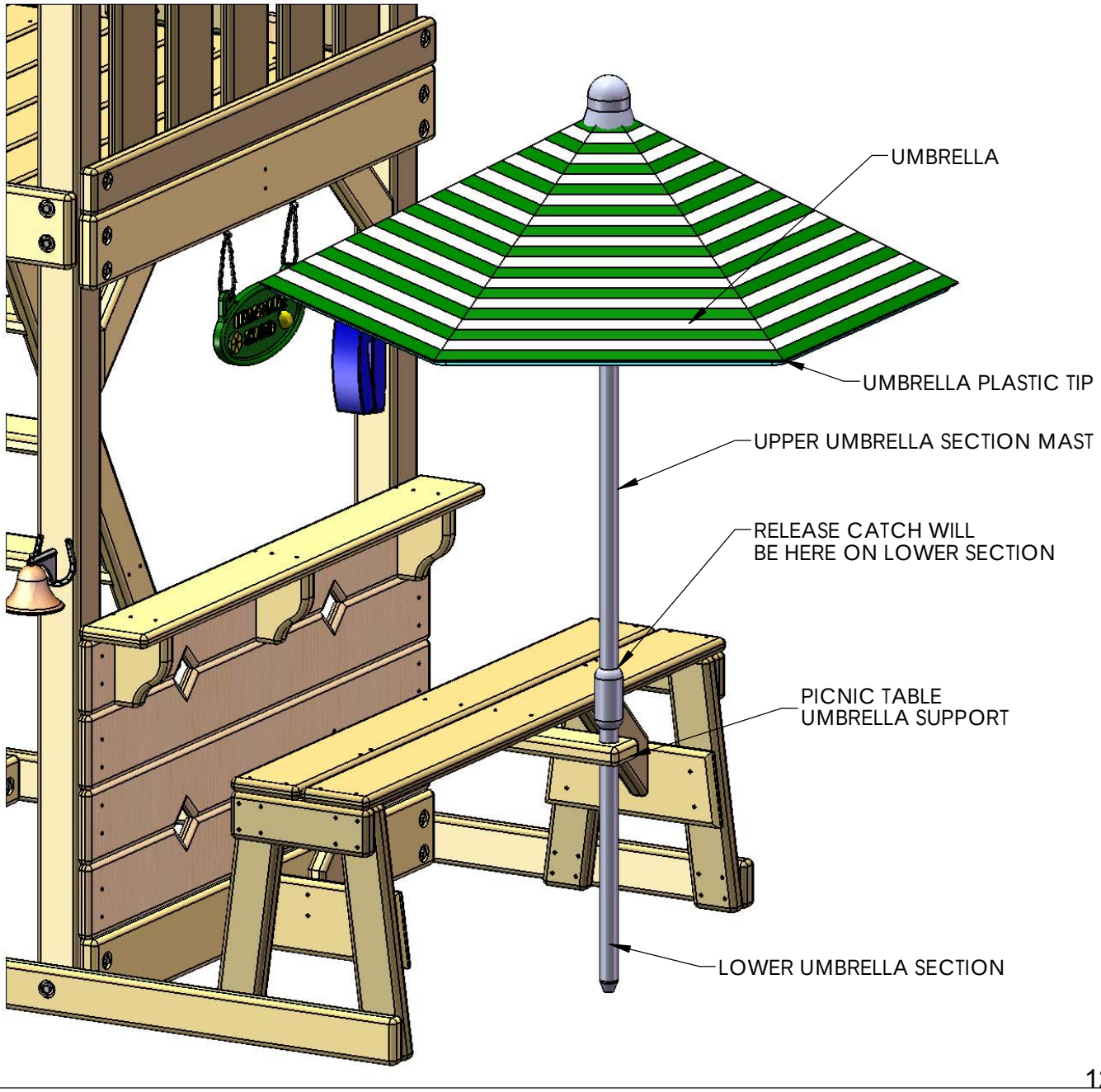
1: PLACE THE LOWER SECTION OF THE UMBRELLA WITH THE POINTED END THROUGH THE HOLE IN THE PICNIC TABLE UMBRELLA SUPPORT. PLACE A BLOCK OF WOOD ON TOP OF THE LOWER SECTION AND HAMMER IT INTO THE GROUND 3 TO 4 INCHES.

2: RELEASE THE CATCH ON THE LOWER UMBRELLA SECTION. NOW PLACE THE UPPER UMBELLA SECTION MAST INTO THE TOP OF THE LOWER UMBRELLA SECTION. ADJUST THE UPPER UMBRELLA SECTION MAST UP AS HIGH AS POSSIBLE. THEN PUSH THE CATCH IN THE LOWER UMBRELLA SECTION TO SECURE IT.

BEFORE ANY STORMS OR HIGH WIND CONDTIONS REMOVE UMBRELLA FROM LOWER SECTION AND STOW IN GARAGE. IF NO GARAGE IS AVAILABLE THEN COLLAPSE THE UMBRELLA AND USE A RUBBER BAND OVER THE TOP NEAR THE PLASTIC TIPS SO IT DOES NOT BLOW OPEN.

!!WARNING!!

IF ANY PLASTIC TIPS OF THE UMBRELLA BECOME BROKEN, CRACKED OR MISSING IMMEDIATELY DISCONTINUE USE. REPLACEMENT UMBRELLAS ARE AVAILABLE SHOULD YOU NEED ONE.

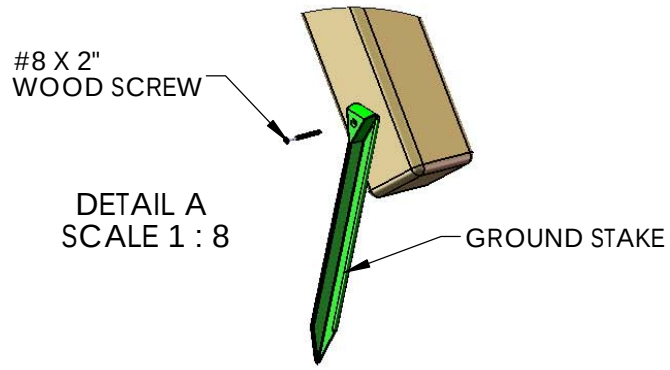


STEP 86: GROUND STAKES AND NAME PLATE

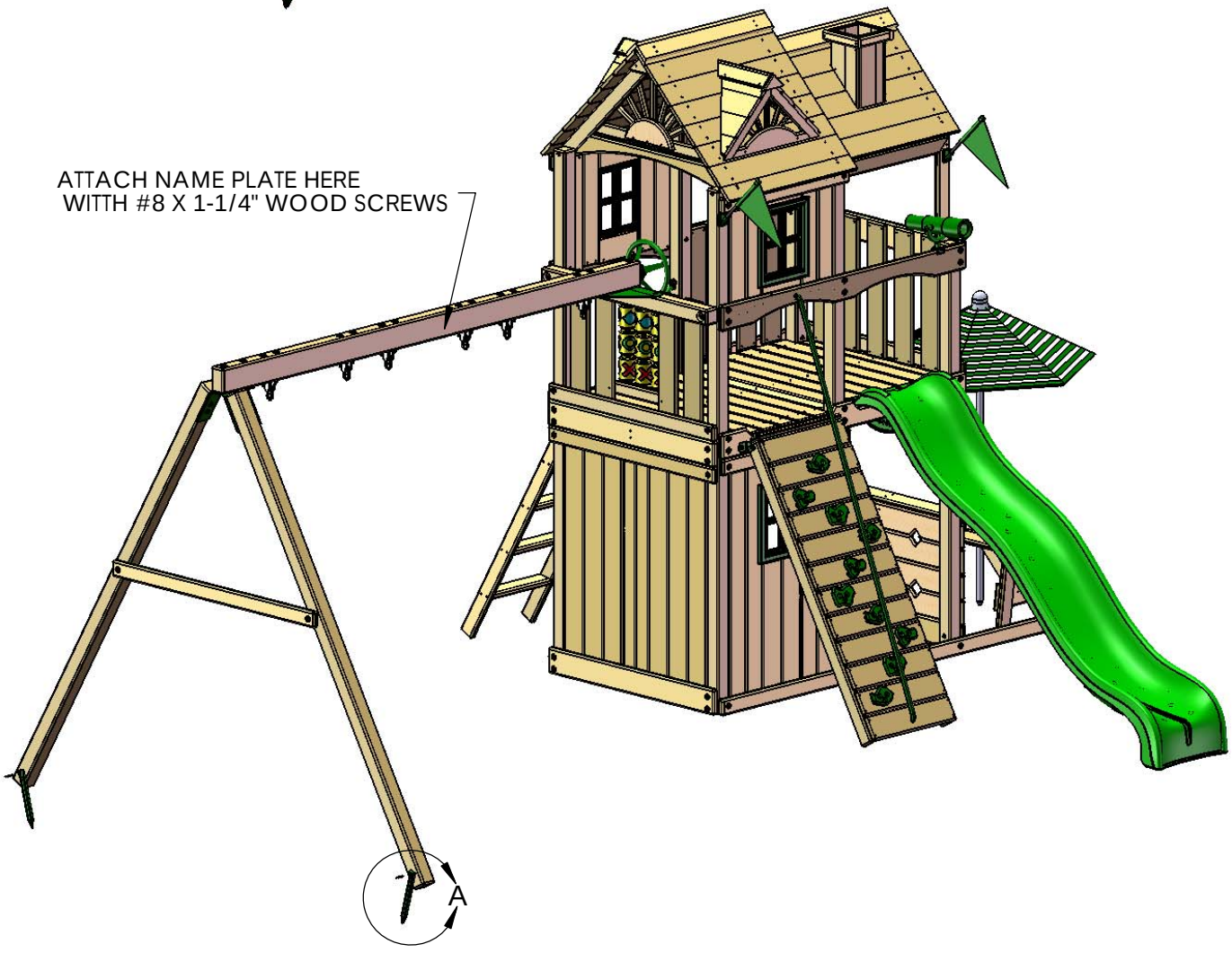
1: HAMMER A GROUND STAKE INTO THE EARTH NEXT TO EACH SWING LEG AT AN ANGLE.

2: ATTACH EACH GROUND STAKE TO THE SWING LEG WITH A #8 X 2" WOOD SCREW PROVIDED WITH THE GROUND STAKE.

3: LOCATE THE NAME PLATE FOR YOUR PLAY SET. ATTACH THE NAME PLATE ON THE FRONT OF THE SWING BEAM WITH #8 X 1-1/4" WOOD SCREWS.



DETAIL A
SCALE 1 : 8



STEP 87: HANGING THE SWINGS

1: START BY ATTACHING ONE SPRING CLIP TO EACH IRON DUCTILE ON THE SWING BEAM.

2: ATTACH ONE CHAIN PER ACCESSORY TO EACH SPRING CLIP.

3: ADJUST HEIGHT AS NEEDED.