gorilla playsets

Woodbridge

Model: 802

(BOXES: 801N-1, 801N-2, 802, 1509N, 1509W, 1513, RV, CB, 120 & 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 – 2015

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.

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. Checks or cracks in wood components that do not affect the intended function of the part, piece or overall swing set are not covered under 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

- WOODBRIDGE -

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: _____

_____

_____

_____

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IMPORTANT – PLEASE READ

Congratulations! You have just purchase one of the finest residential wooden swing sets available today. As with any wooden product that spends its entire life outside, in varying elements, it is important to know what to expect with your new swing set so that your family can enjoy it for many years.

As your swing set acclimates to its new environment, natural characteristics of the wood can show 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 and is not covered under warranty.

KEEPING YOUR PLAYSET LIKE NEW

MUST DO's

The following owner responsibilities are crucial to the safety, integrity and aesthetic appeal of your swing set and may affect the warranty if not adhered to.

WITHIN 60 DAYS

• Check and tighten Hex Bolts/T-nuts, Carriage Bolts/Lock-nuts, and Lag Screws within the first 60 days and then twice annually – once before each season and then once during the season.

WITHIN 90 DAYS

• Apply a **sealant** or **semi-transparent stain with sealant** within the first 90 days of owning the swing set. Our own Stain/sealant is available online here: http://www.gorillaplaysets.com/Playground-Sealant-p/10-0003.htm

Oil based stain or water based stain may be used. Should you choose to use other stain we suggest asking the product covering specialists at any number of specialty paint stores or home improvement centers for a product that would work best for your local environment. ** TIP – while the set is new, take a small board from to the store with you so they can color match the tint of the stain or sealant.

SEASONAL REMINDERS

• If your area experiences regular snowfall, remove your fabric tarp/canopy to avoid stretching, sagging or tearing of the material. Store it inside, folded up, and it will be as good as new when winter is over.
• If your area experiences extremely cold temperatures, remove swing belts and other pliable features to prolong the lifespan of these play activities.

OTHER TIPS

• 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 repel yellow jackets and wasps, use a cotton ball and dab interior wooden corners underneath the play set deck with a liquid dish soap. Avoid using insecticides.
• To speed up the slide wipe the center of slide with wax paper every 2 - 3 weeks.

For additional safety and maintenance guidelines, please visit our website.

IMPORTANT DOCUMENTS

CUSTOMER MUST READ AND RETAIN

Please go to the following links and read important SAFETY information prior to using your new play structure.

http://www.gorillaplaysets.com/Swing-Set-Safety-s/85.htm

https://www.gorillaplaysets.com/Maintenance-s/129.htm

http://www.gorillaplaysets.com/manuals.html (Click on your specific model)

http://www.gorillaplaysets.com/Warranty-s/82.htm

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

WARNING:

Children must NOT use this play set until it has been completely assembled and inspected by an adult to ensure it has been properly installed.

Gorilla Playsets
190 Etowah Industrial Court
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REV: 3.31.2015

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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.

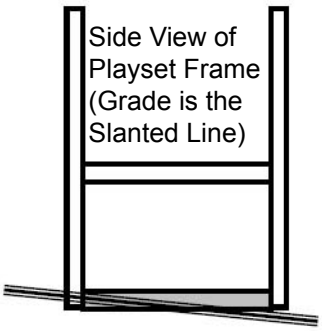
Swings should have a fall zone extending a minimum of 6' from the outer edge of the support structure on each side. The fall zone in front and back of the swing should extend out a minimum distance of twice the height of the swing as measured from the ground to the top of the swing support structure.

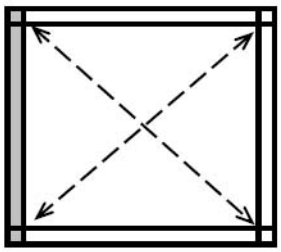
LEVELING YOUR FORT DURING ASSEMBLY

• 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.

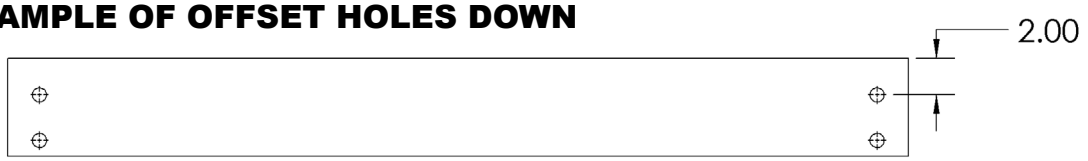
• Place the set on level ground, not less than 6 feet from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.

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

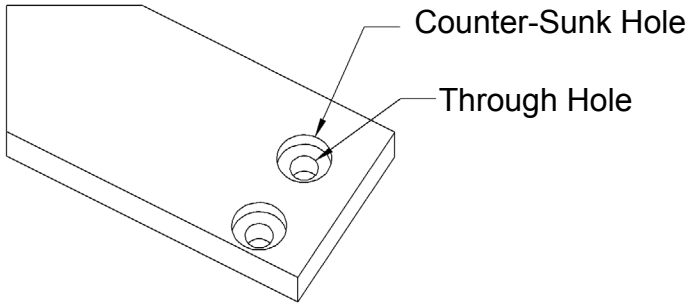
Offset Holes- Throughout the installation procedures we will refer to parts with offset holes. This refers to the orientation of the holes on the board. An offset hole is one that is closer to one side than it is the other or in other words, it is not centered on the board. In the procedures you will 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



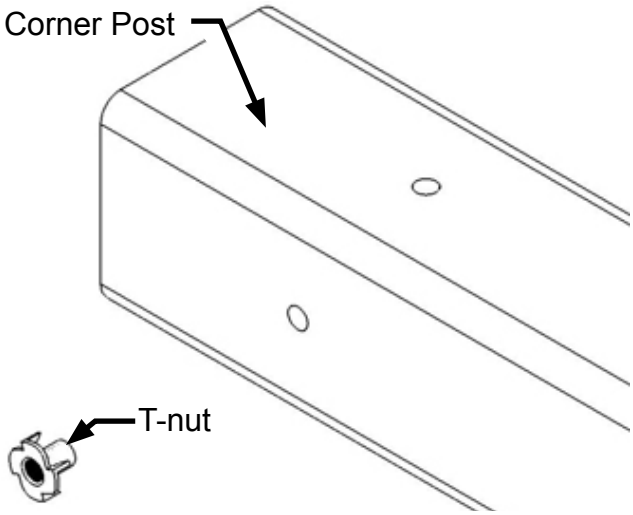
Counter-sunk holes - Many of the parts that will be used have counter-sunk holes. A counter-sunk hole is one that surrounds one side of a through hole, but does not extend through the wood it's self. When using a counter-sunk hole the bolt will be inserted through the through hole and either the head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

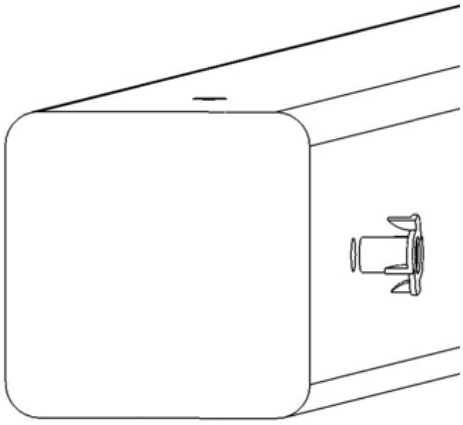


Lag Screws- Lag screws are used in the construction of our play sets to enhance the structural integrity of the unit. There will not be predrilled holes in the post for lag screw installation. Lag screws are self-tapping, though if you are using a manual socket wrench it may be advantageous to pre-drill 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.

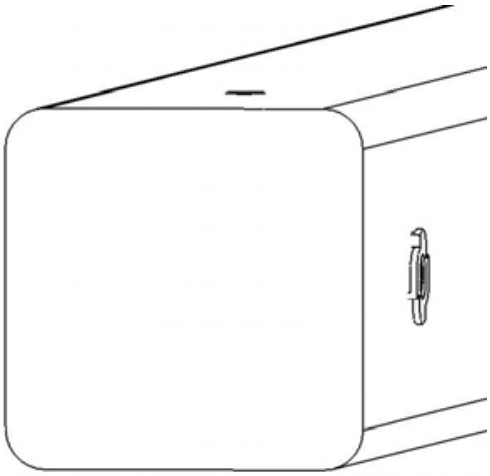
Common Installation Practice Installing T-nuts

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

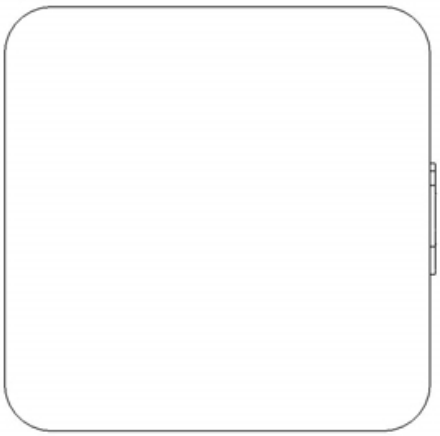




Insert the barrel of the T-nut into the predrilled hole. Using a smooth faced hammer, drive the T-nut until the face of the T-nut is flush to the wood.

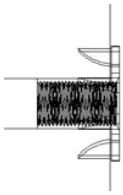


This picture shows the T-nut inserted and installed flush to the wood.



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



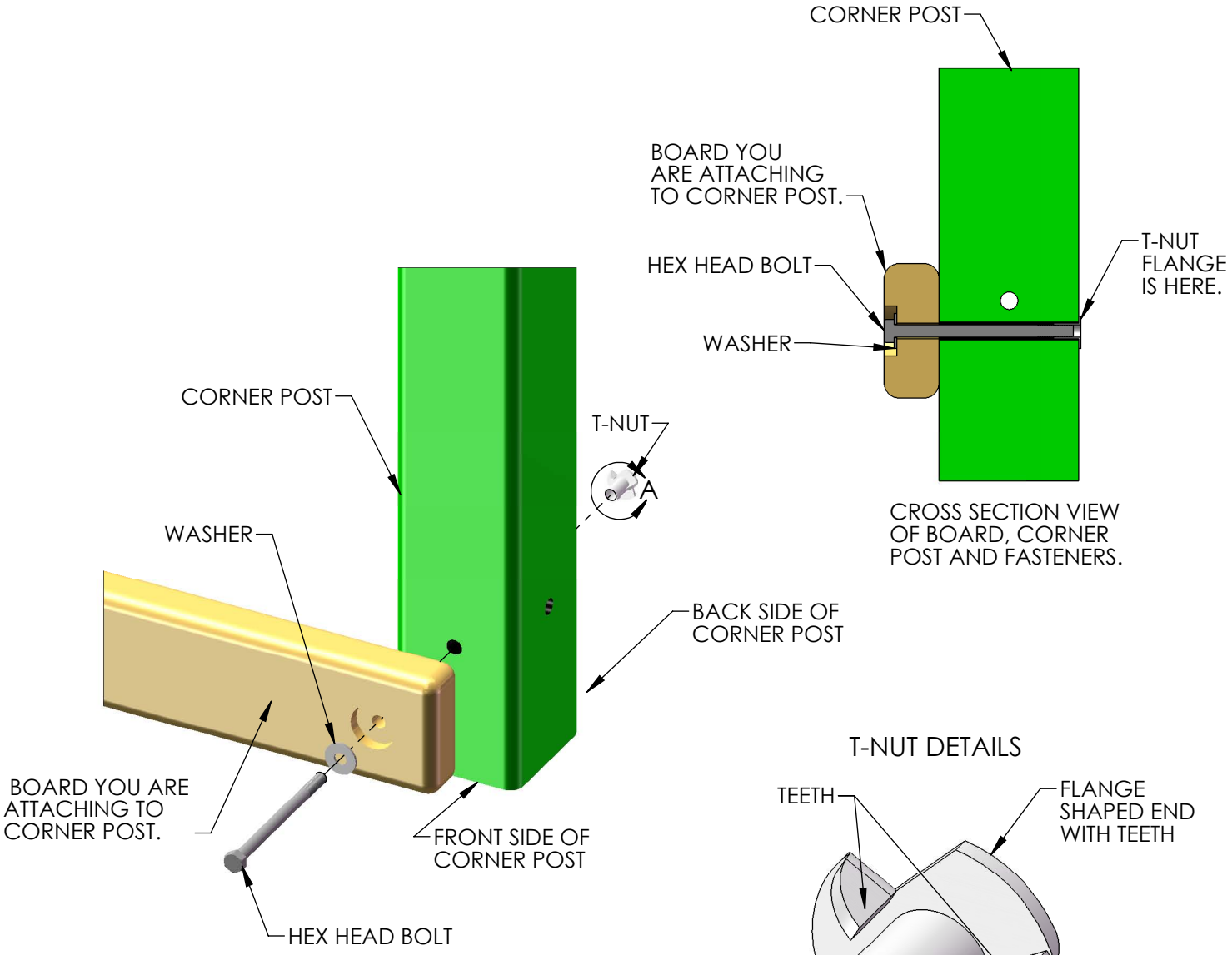
Cross Section end view, you are looking at an X-ray view of the post and T-nut. The barrel of the T-nut is in the corner post the line is the face of the wood.

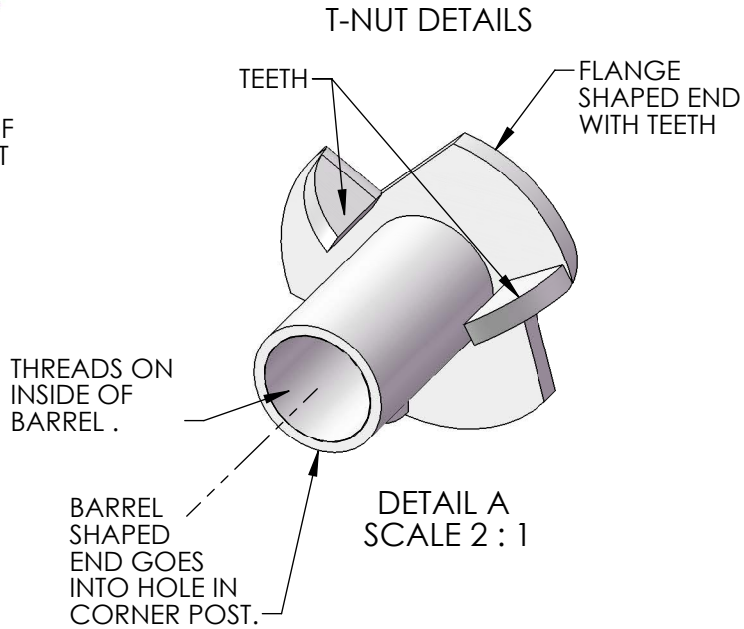
HOW A T-NUT WORKS

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"

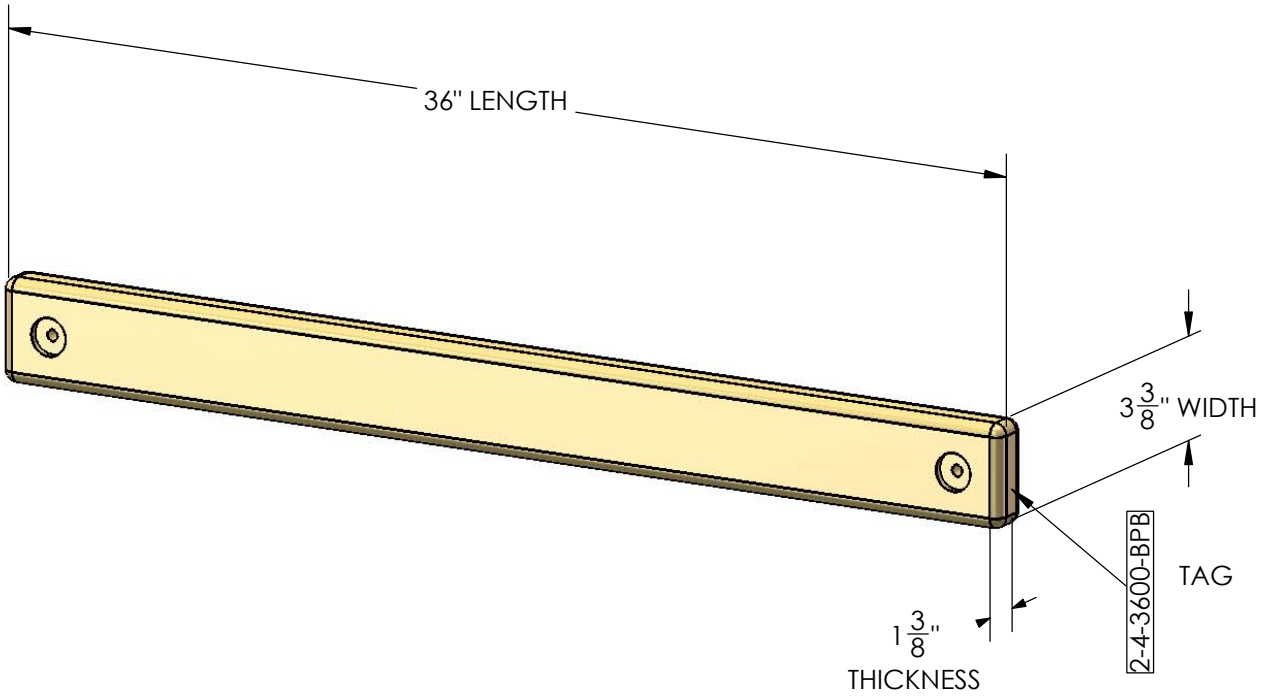
- The 2 is the thickness of the board. "Nominal Lumber" at a home center will measure 1-1/2" for the thickness. We "remill" that lumber to 1-3/8" thick.

- 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.**

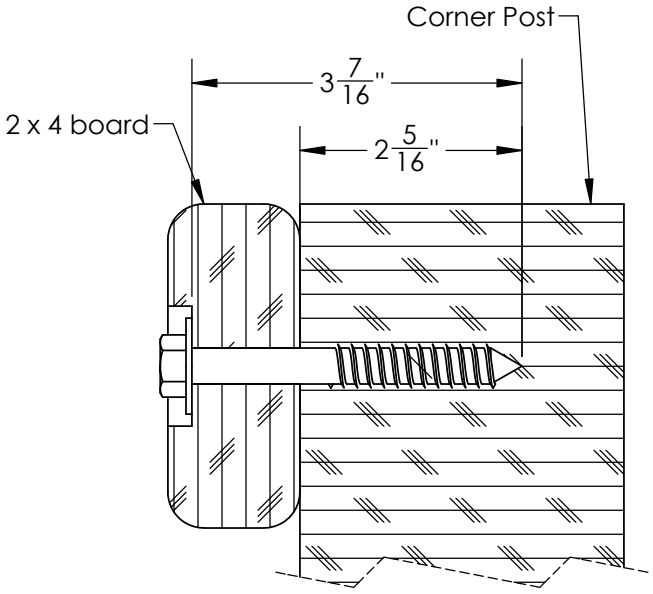
LAG SCREW DIAMETER	DRILL BIT SIZE
5/16" DIAMETER	9/64"
3/8" DIAMETER	11/64"

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.

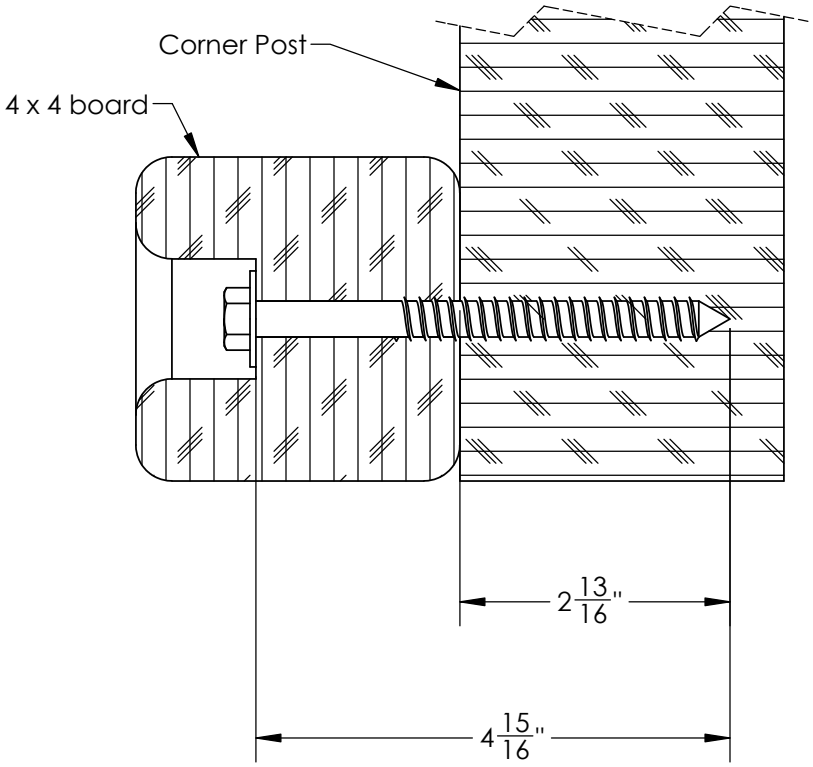
Example 5/16" diameter x 3-1/2" lag screw

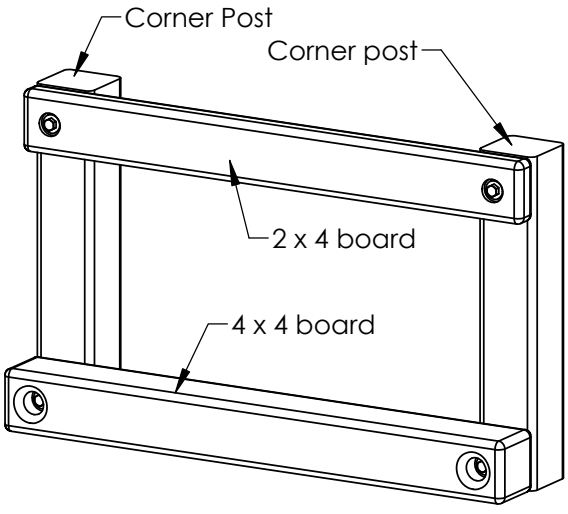
This would be like the 2 x 4 board installation shown below. Place the board into position. Spot Drill through the holes in the 2 x 4 board into the corner posts with an 9/64" drill bit. Remove the 2 x 4 board. Continue to drill the holes to a total depth of 2-5/16" as shown at the right. Install the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

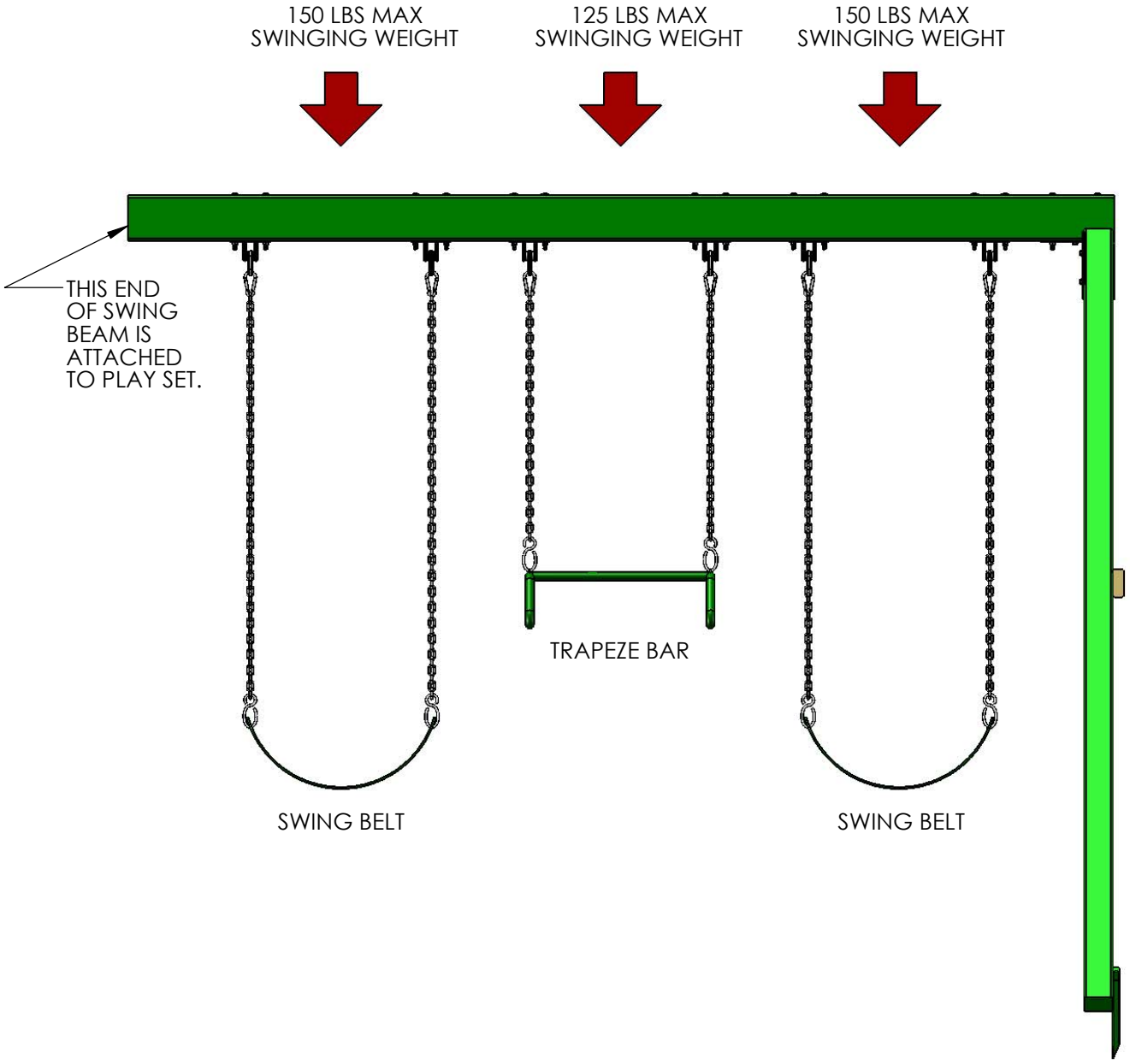
The weight limit for a Swing Belt is 225 lbs. (Although 150lbs is the maximum recommended swinging weight capacity for the swing position.)

The weight limit for a Trapeze Bar is 125 lbs.

Maximum Allowable swinging weight for a three position swing:

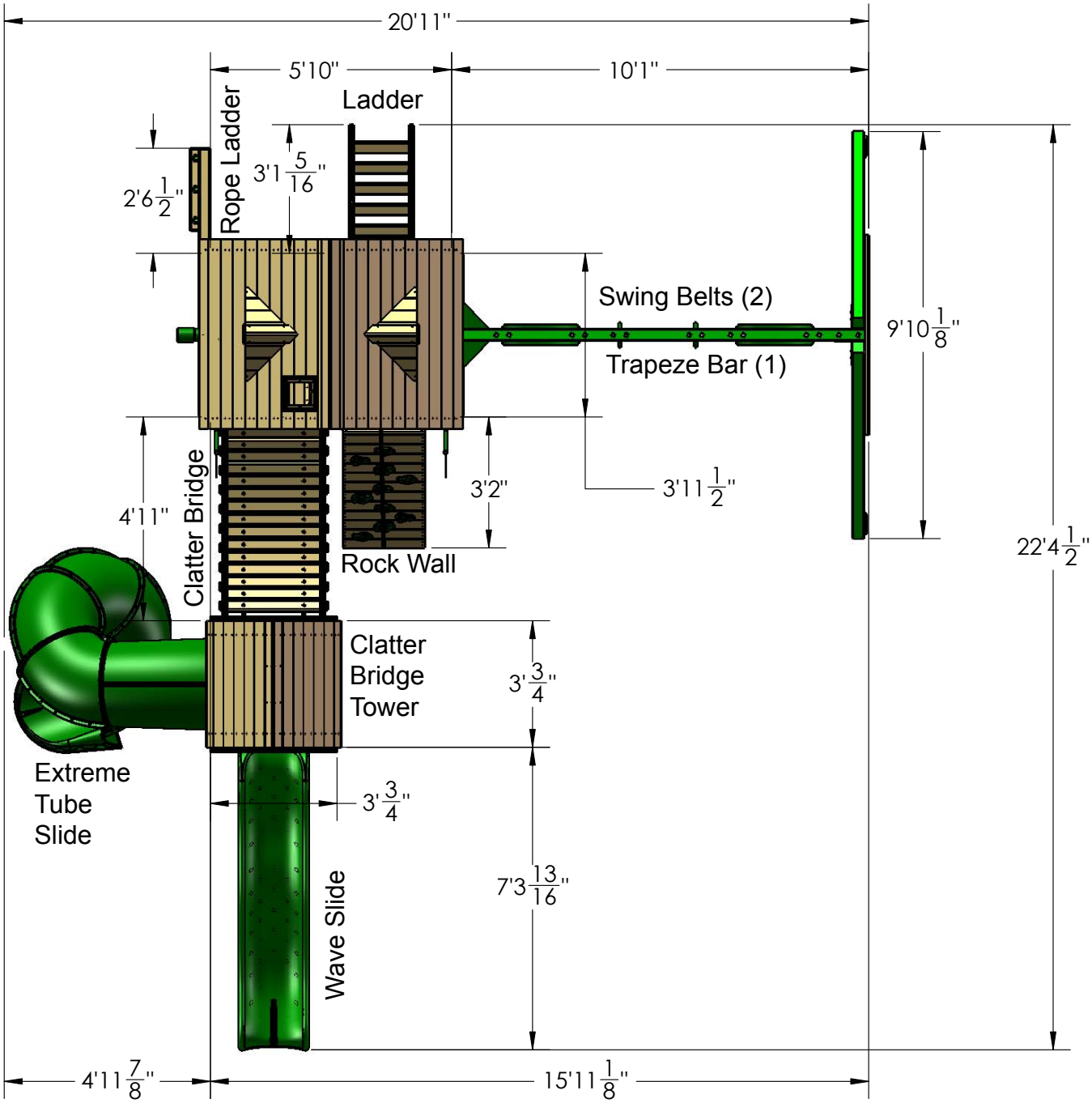
1) The maximum allowable swinging weight at each Swing Belt position is 150 lbs.
2) The maximum allowable swinging weight at the Trapeze position is 125 lbs.
3) The MAXIMUM SWING BEAM LOAD IS 425 lbs.

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: 12’ 3-1/2” , Height of Clatter bridge Tower 9’ 9-1/4”
Deck height: 4’ 9-1/2”, Swing Beam Height 7’ 7-3/8”

Approximate assembly time: Approximately 18 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” and a 7/8” & 1” Paddle style bit.
___ 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
___ Tape or Marker (See Step 61)

KIT CONTENTS

Swings, Slides, Accessories:

___ (Qty) Description
___ (2) Swingbelts w/ Chains
___ (1) Wave Slide
___ (1) Tic Tac Toe Panel
___ (10) Rock Wall Grips (assorted colors)
___ (1) Trapeze Swing
___ (1) Telescope
___ (1) Steering Wheel
___ (2) Safety Handles
___ (1) Flag Kit (1 pair)
___ (1) 10 ft Rope
___ (3) 13 ft Ropes
___ (2) 96” sections of chain
___ (1) Extreme Tube Slide

Fort and Swing Beam Hardware:

See following pages and pages 99 in PART II Clatter Bridge.

Wood Components:

See following pages and pages 100-101 in PART II Clatter Bridge.

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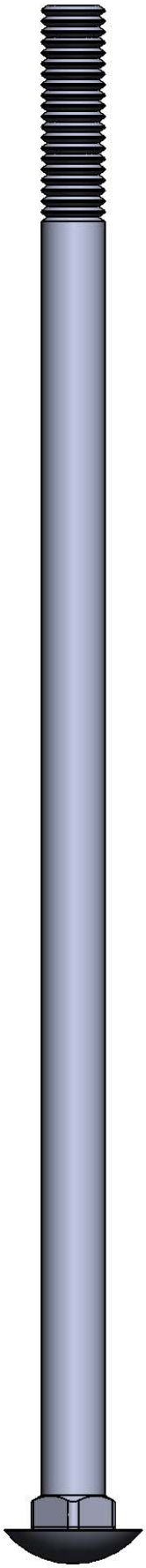
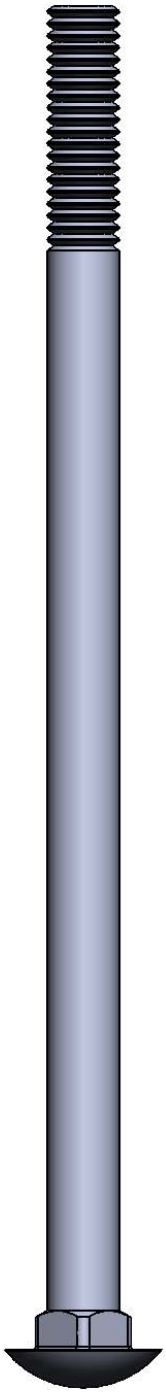
801N HARDWARE

SHEET 1 OF 2

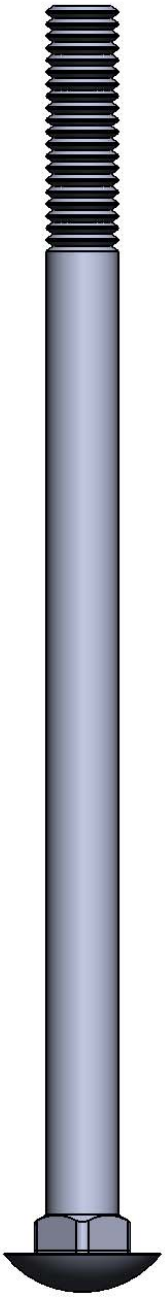
9/19/2014 JH



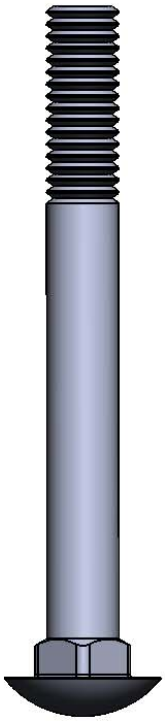
3/8 x 9"
CARRIAGE BOLT
QTY: 1



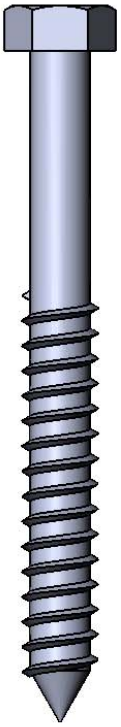
3/8 x 7"
CARRIAGE BOLT
QTY: 14



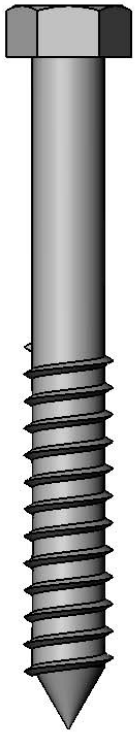
3/8 x 6-1/2"
CARRIAGE BOLT
QTY: 4



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



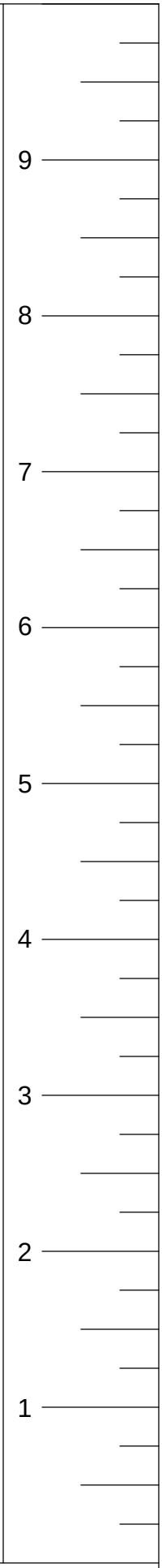
5/16" X 3-1/2"
HEX LAG
SCREW
QTY: 24



3/8 X 3-1/2"
HEX LAG
SCREW
QTY: 26

#2 SQUARE
DRIVE BIT
QTY: 1

PLASTIC
BOLT CAP
QTY: 21



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.

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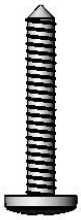
801N HARDWARE

SHEET 2 OF 2

9/19/2014 JH

#14 X 1-1/4"
PAN HEAD SCREW
QTY: 16



#14 x 1"
PAN HEAD SCREW
QTY: 4

#8 X 1"
WOOD SCREW
QTY: 8

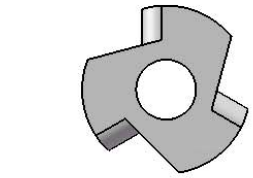
#8 X 1-1/4"
WOOD SCREW
QTY: 24

#8 X 1-1/2"
WOOD SCREW
QTY: 394

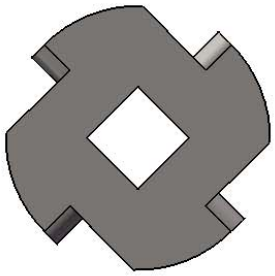
#8 X 2"
WOOD SCREW
QTY: 200

#8 X 2-1/2"
WOOD SCREW
QTY: 75

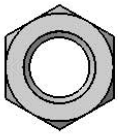
#8 X 3"
WOOD SCREW
QTY: 12



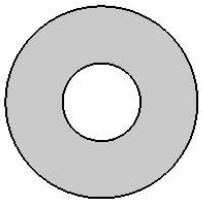
5/16" TEE NUT
QTY: 36



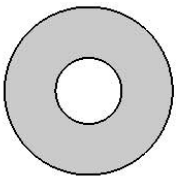
TORQUE WASHER
QTY: 19



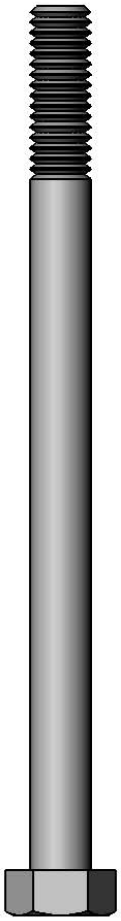
3/8" LOCK NUT
QTY: 21



3/8" WASHER
QTY: 47

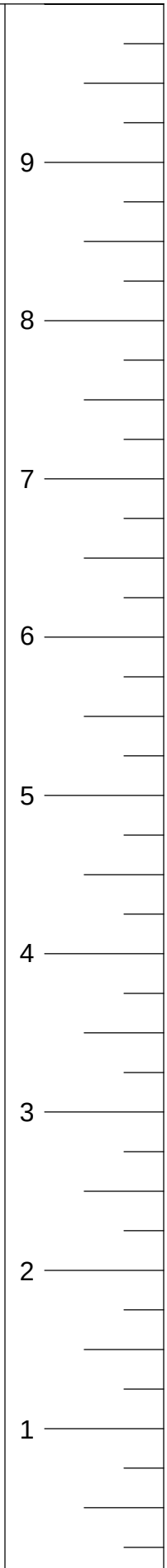


5/16" WASHER
QTY: 60

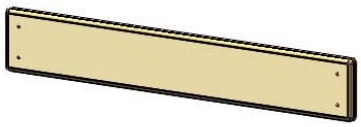
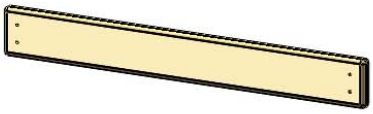
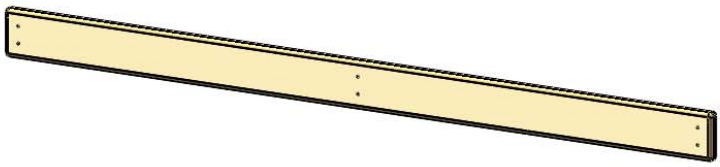
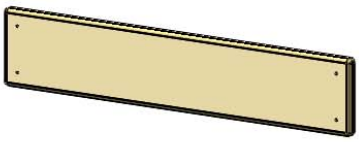
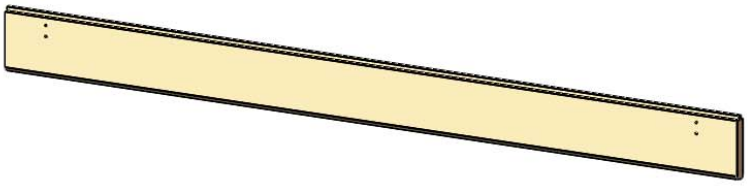
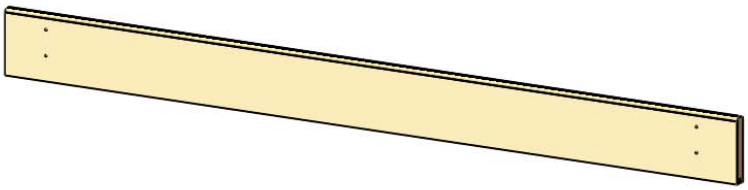


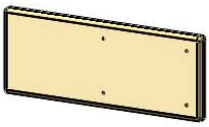
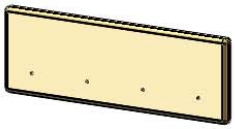
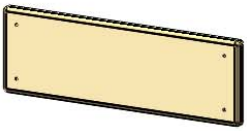
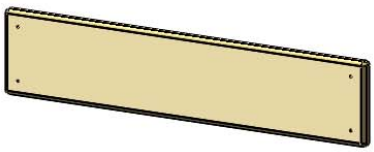
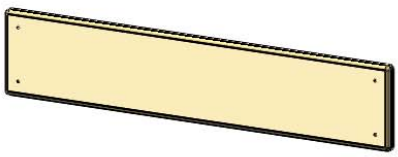
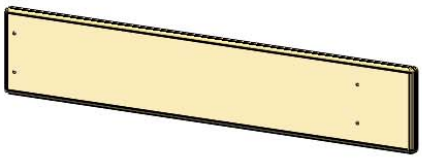
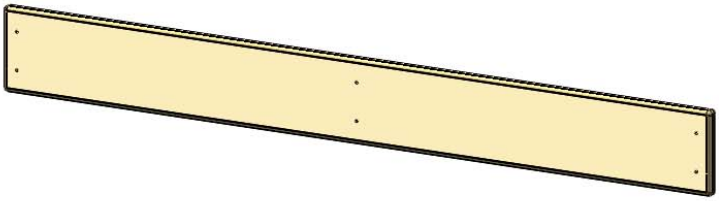
5/16 X 4-1/2"
HEX BOLT
QTY: 28

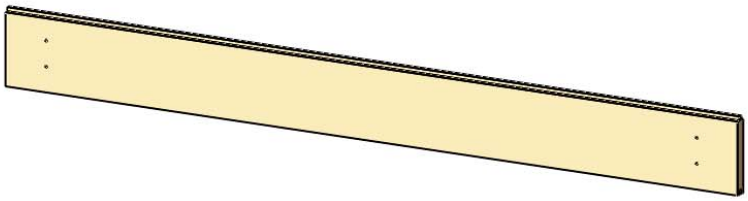
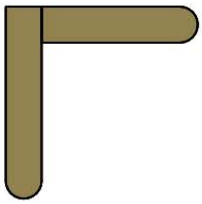
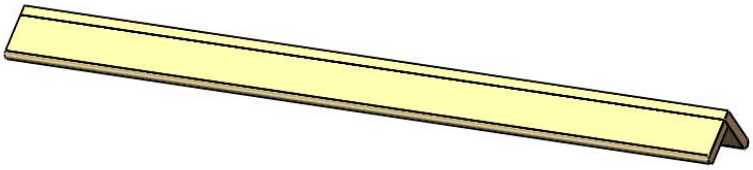
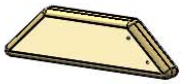
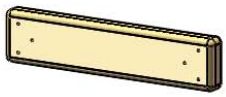
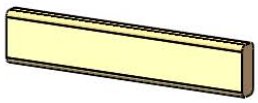
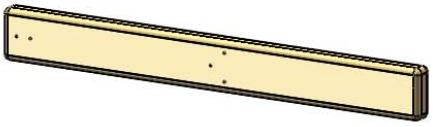
5/16 X 1-1/2"
HEX BOLT
QTY: 8

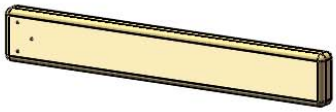
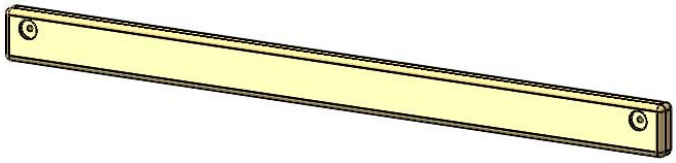
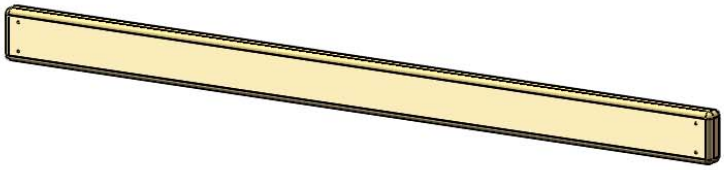
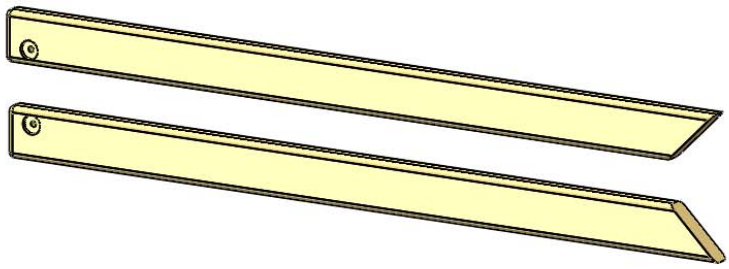
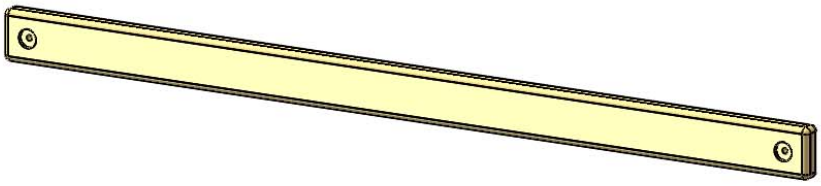
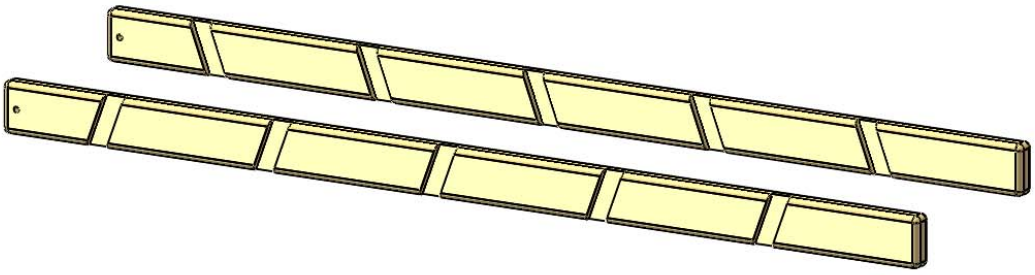
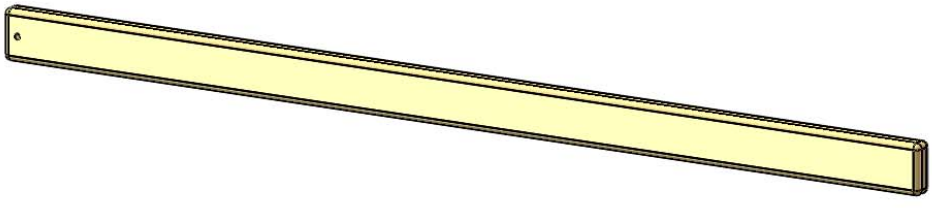


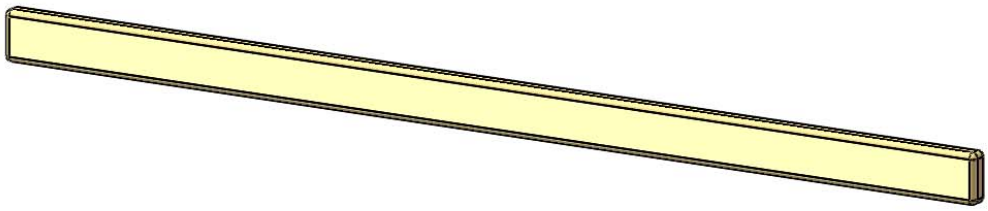
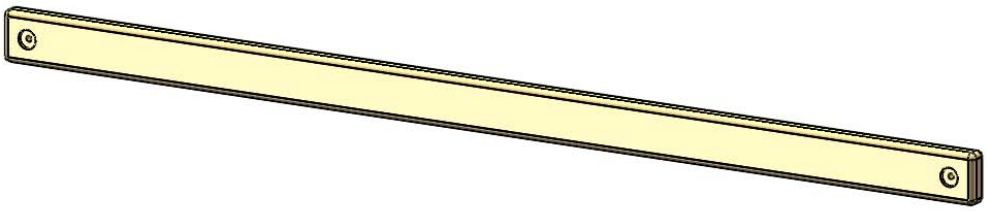
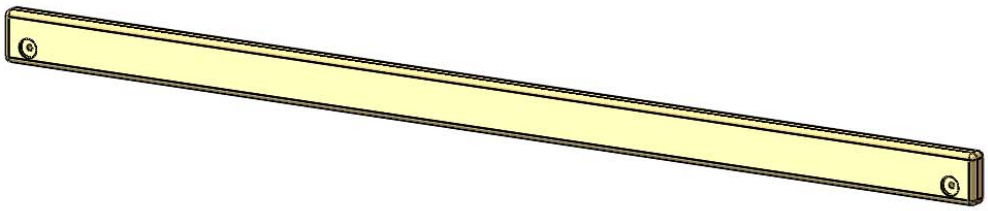
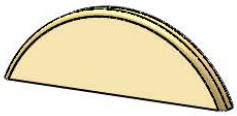
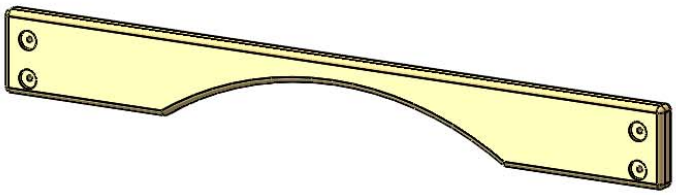
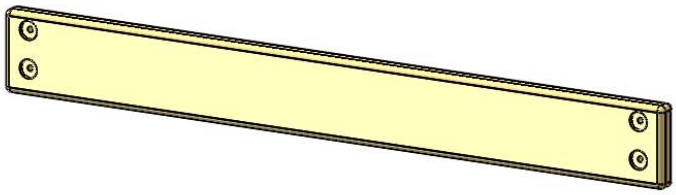
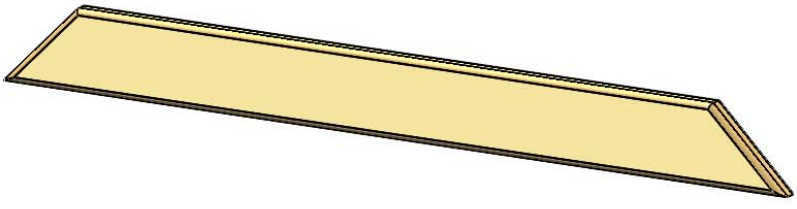
USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.

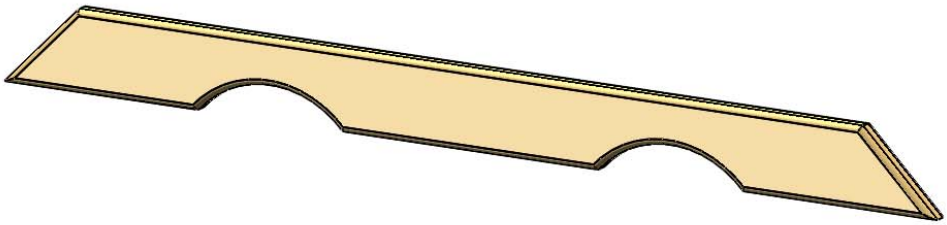
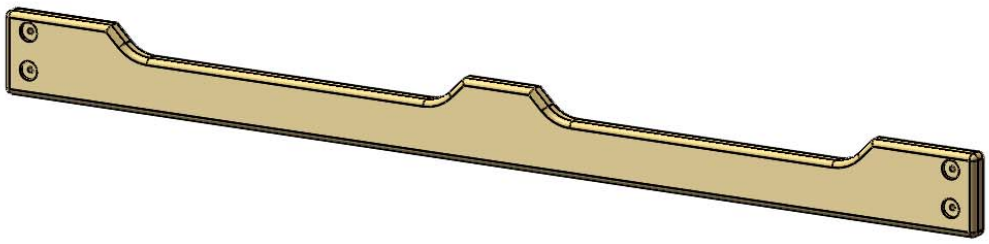
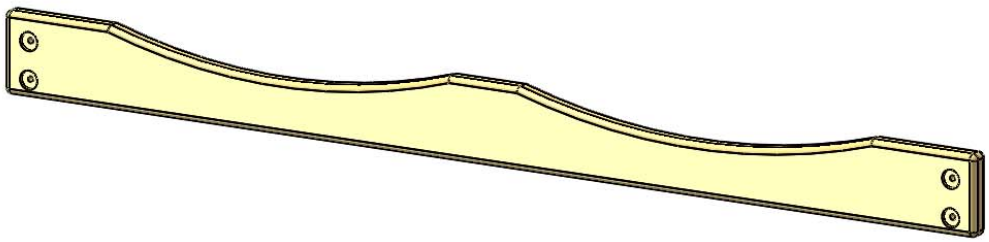
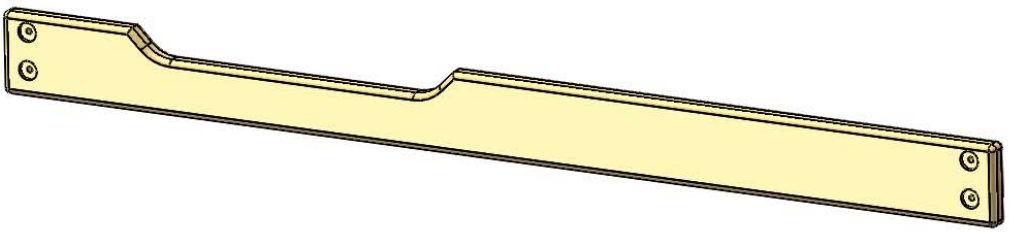
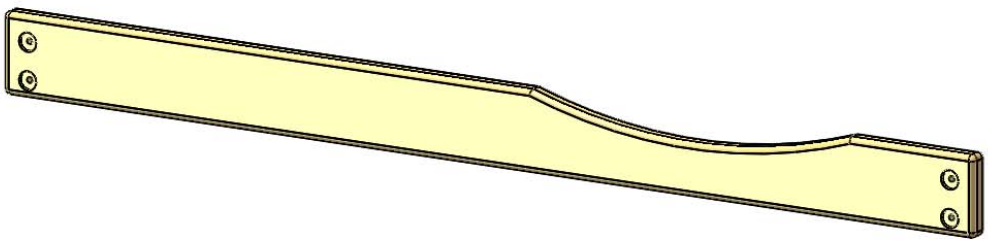
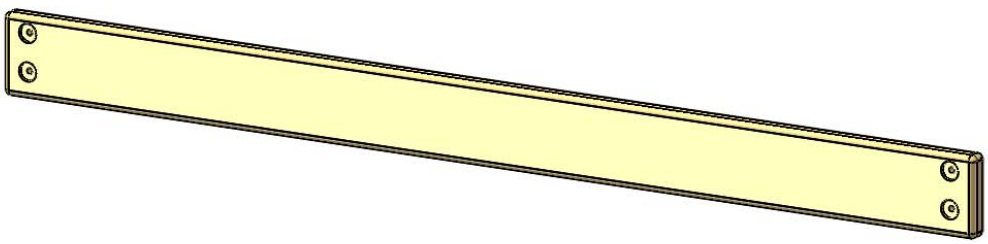
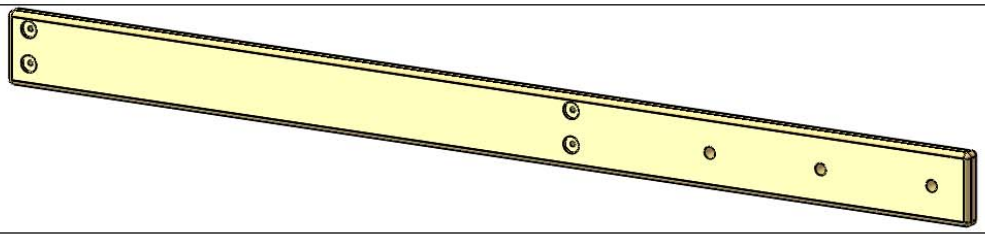
PICTURE	DESCRIPTION	QTY.
	1 X 4 X 25" PANEL SLAT **1-4-2500-PS**	2
	1 X 4 X 26" FRONT PANEL SLAT **1-4-2600-FPS**	2
	1 X 4 X 51" REAR PANEL SLAT **1-4-5100-RPS**	2
	1 X 5 X 25" PANEL SLAT **1-5-2500-PS**	1
 	1 X 5 X 55" ROOF FINISHER **1-5-5500-RF**	2
 	1 X 5 X 55" ROOF STARTER **1-5-5500-RS**	2
	1 X 6 X 4-1/2" BOTTOM WINDOW SUPPORT **1-6-0450-BWS**	6

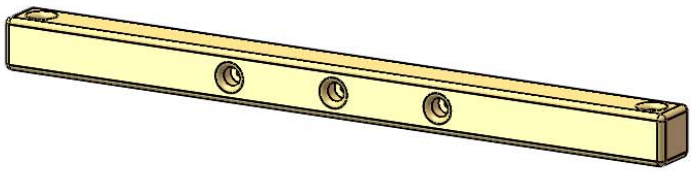
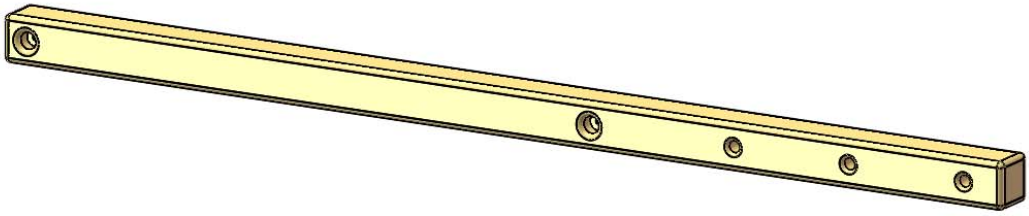
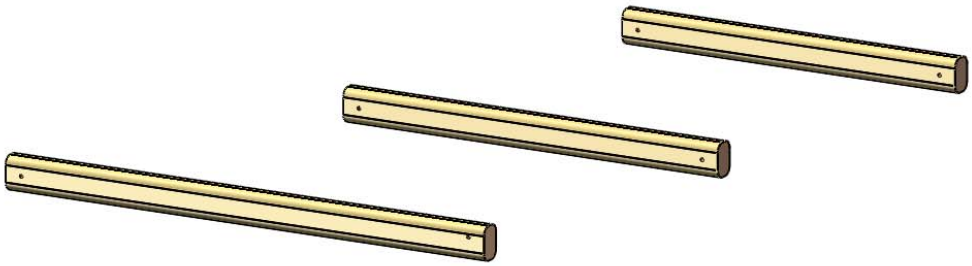
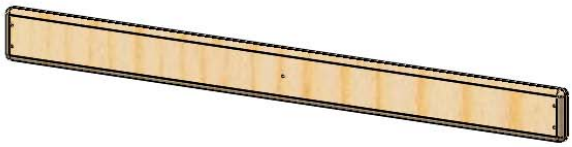
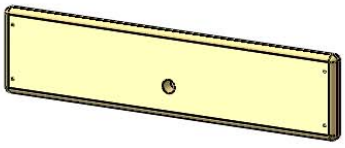
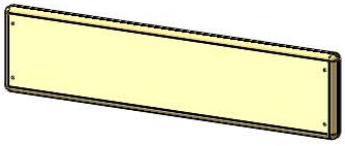
PICTURE	DESCRIPTION	QTY.
	1 X 6 X 14-1/4" FRONT PANEL SLAT **1-6-1425-FPS**	8
	1 X 6 X 16" TIC TAC TOE SUPPORT **1-6-1600-TTTS**	2
	1 X 6 X 17" PANEL SLAT **1-6-1700-PS**	20
	1 X 6 X 26" FRONT PANEL SLAT **1-6-2600-FPS**	8
	1 X 6 X 27-3/4" PANEL SLAT **1-6-2775-PS**	11
	1 X 6 X 29-1/2" BOTTOM WINDOW SUPPORT **1-6-2950-BWS**	2
	1 X 6 X 51" REAR PANEL SLAT **1-6-5100-RPS**	4

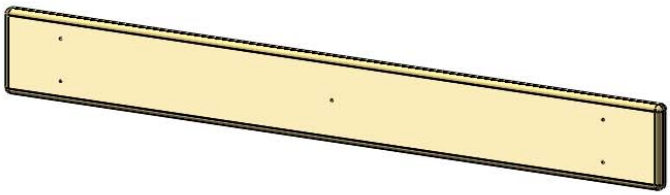
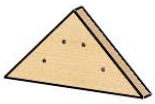
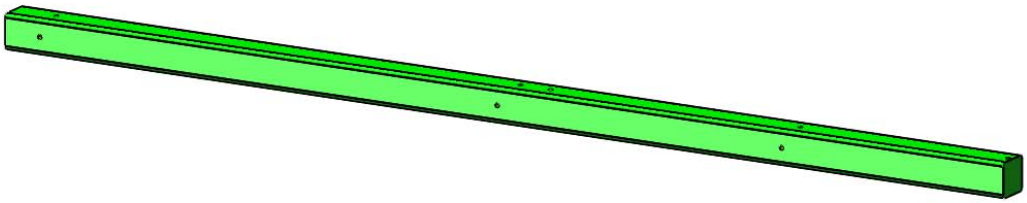
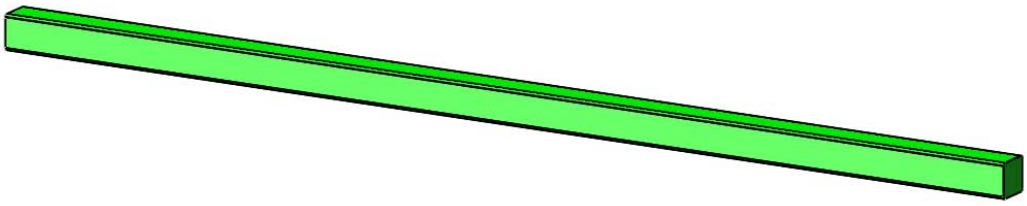
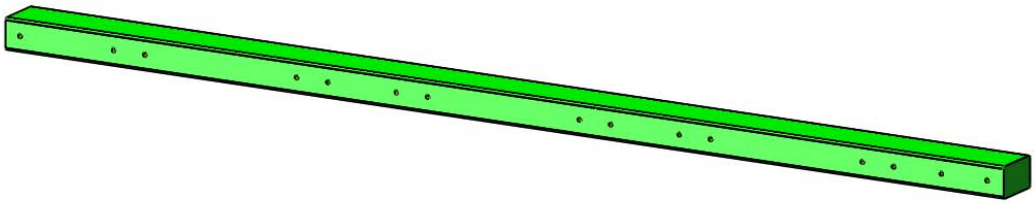
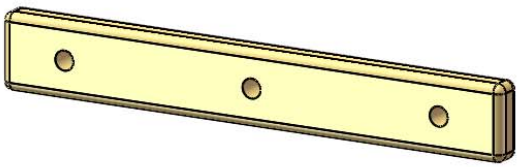
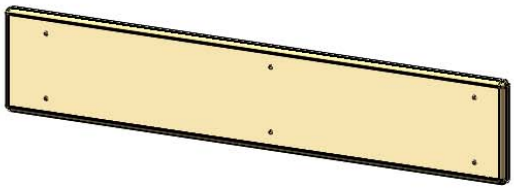
PICTURE	DESCRIPTION	QTY.
 	1 X 6 X 55" ROOF BOARD **1-6-5500-RB**	18
 	55" ROOF PEAK **1-6-5500-RP**	1
	2 X 4 X 13" ANGLE SUPPORT **2-4-1300-AS**	4
	2 X 4 X 15" PICNIC TABLE SUPPORT **2-4-1500-PTS**	2
	2 X 4 X 17" LADDER STEP **2-4-1700-LS**	5
	2 X 4 X 18" ANGLE SUPPORT **2-4-1800-AS**	4
	2 X 4 X 30" PICNIC TABLE VERTICAL SUPPORT **2-4-3000-PTVS**	2

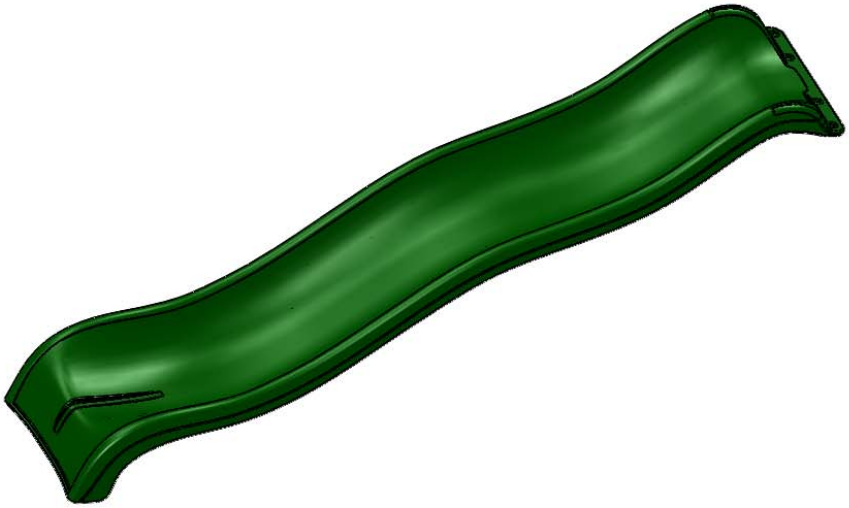
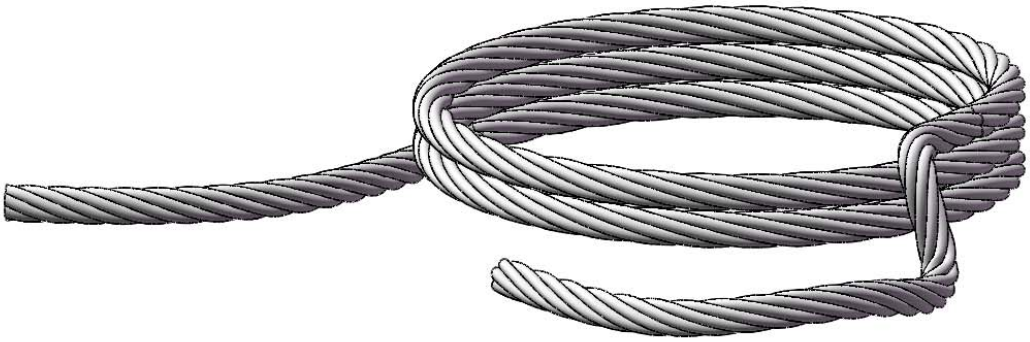
PICTURE	DESCRIPTION	QTY.
	2 X 4 X 23" BENCH SUPPORT **2-4-2300-BS**	1
	2 X 4 X 47-1/2" SAFETY/END PANEL BOARD **2-4-4750-SBEP**	4
	2 X 4 X 51" PICNIC TABLE SEATS AND TOP **2-4-5100-PTST**	5
	2 X 4 X 51-1/8" ROOF SUPPORT LEFT AND RIGHT **2-4-5113-RSL** **2-4-5113-RSR**	2 LEFT 2 RIGHT
	2 X 4 X 58" SWING BEAM CROSS MEMBER **2-4-5800-CM**	1
	2 X 4 X 66" LADDER LEFT AND RIGHT SIDES **2-4-6600-LLS** **2-4-6600-LRS**	1 LEFT 1 RIGHT
	2 X 4 X 66" ROCK WALL SIDE **2-4-6600-RWS**	2

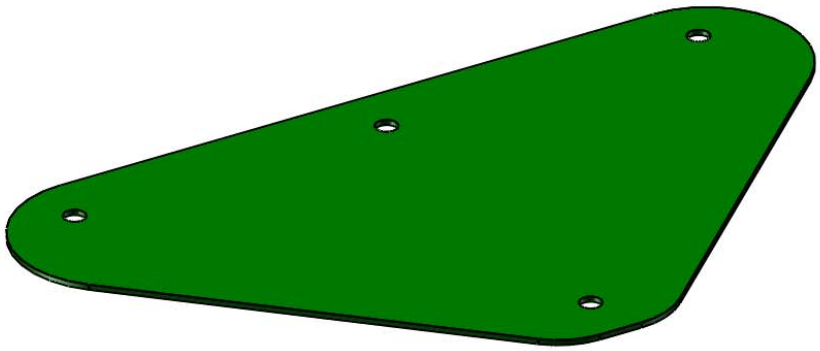
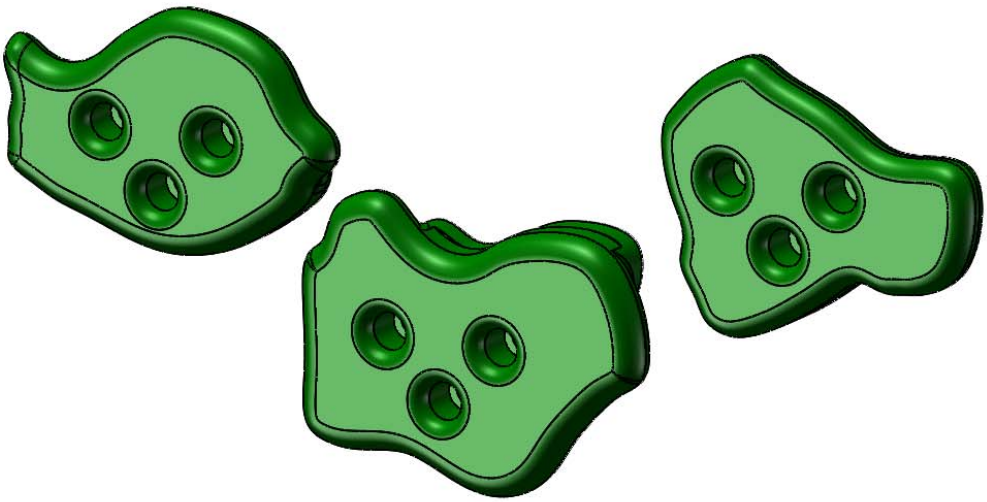
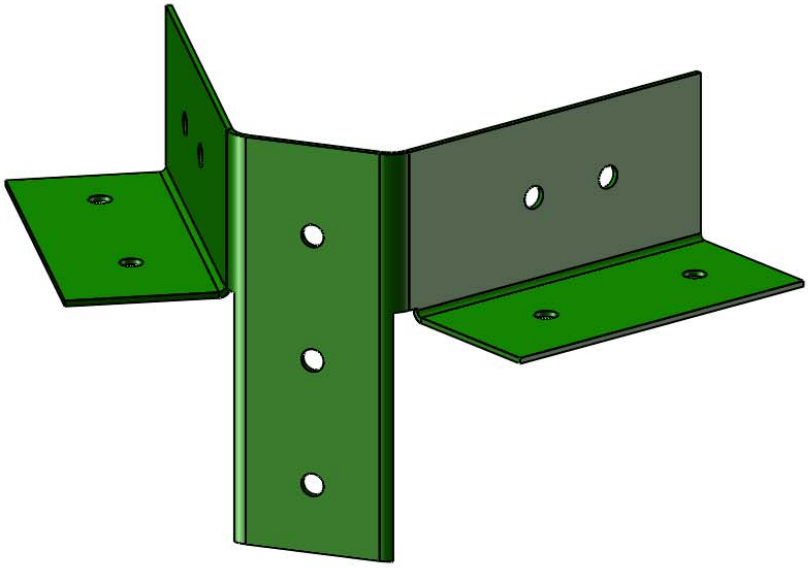
PICTURE	DESCRIPTION	QTY.
	2 X 4 X 70" CENTER DECK SUPPORT **2-4-7000-CDS**	1
	2 X 4 X 70" DECK SUPPORT **2-4-7000-DS**	2
	2 X 4 X 70" PANEL SUPPORT **2-4-7000-PS**	1
	2 X 6 X 13-5/8" SUN **2-6-1363-S**	2
	2 X 6 X 47-1/2" ARCHED SIDE TOP BOARD **2-6-4750-ASTB**	2
	2 X 6 X 47-1/2" END SANDBOX / PANEL BOARD **2-6-4750-ESPB**	3
	2 X 6 X 56-1/2" SUNBURST BOARD **2-6-5650-SB**	2

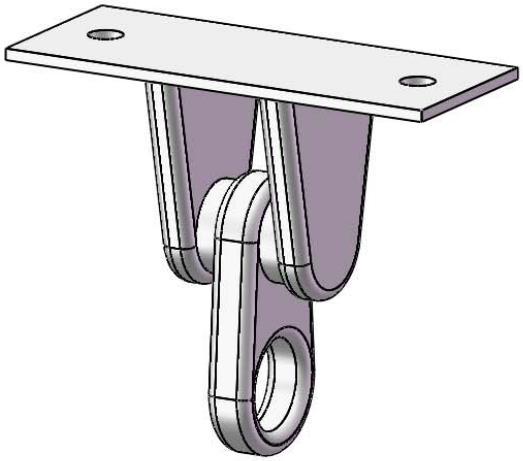
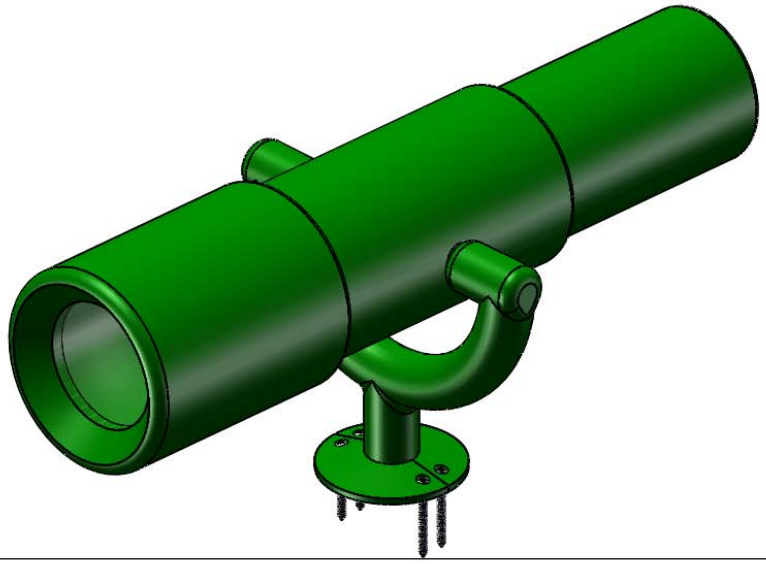
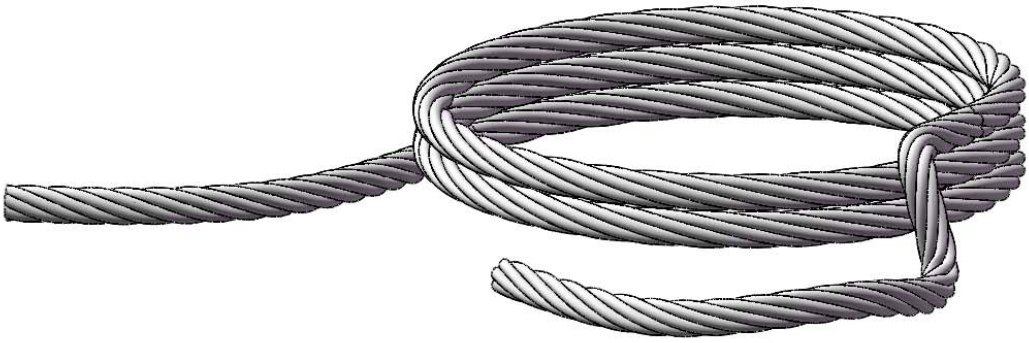
PICTURE	DESCRIPTION	QTY.
	2 X 6 X 67-1/4" SUNBURST BOARD **2-6-6725-SB**	2
	2 X 6 X 70" FRONT FACE BOARD **2-6-7000-FFB**	1
	2 X 6 X 70" FRONT TOP PANEL BOARD **2-6-7000-FTPB**	1
	2 X 6 X 70" REAR FACE BOARD **2-6-7000-RFB**	1
	2 X 6 X 70" REAR TOP PANEL BOARD **2-6-7000-RPTB**	1
	2 X 6 X 70" SANDBOX BOARD **2-6-7000-SB**	2
	2 X 6 X 78" ROPE LADDER RUNNER **2-6-7800-RLR**	1

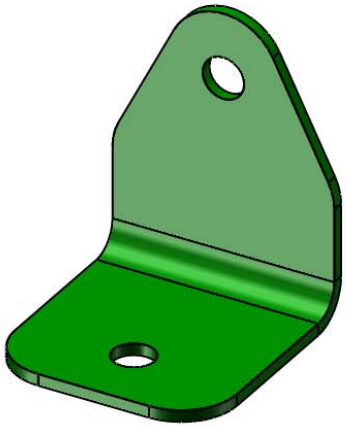
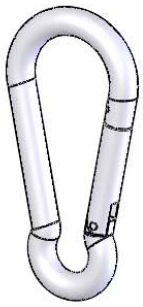
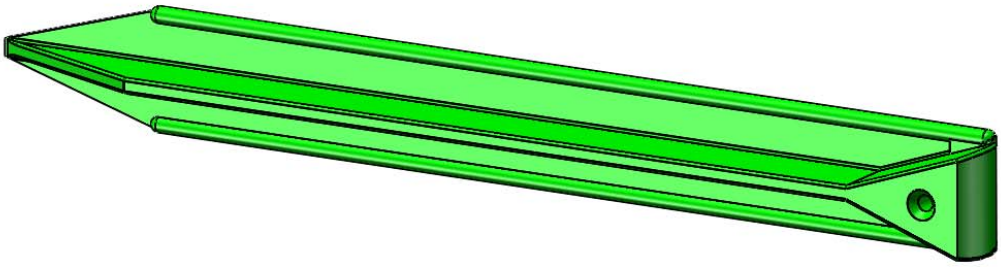
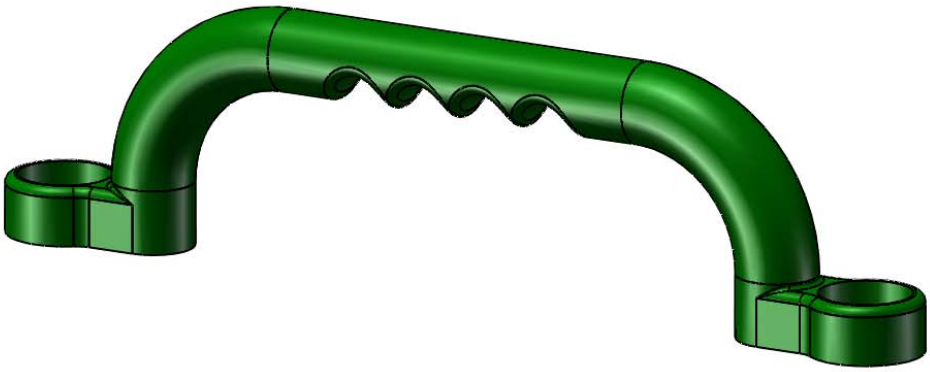
PICTURE	DESCRIPTION	QTY.
	4 X 4 X 47-1/2" SWING BEAM MOUNT **4-4-4750-SBM**	1
	4 X 4 X 78" ROPE LADDER SUPPORT **4-4-7800-RLS**	1
	5/4 X 2 X 16" SMALL RAY **125-2-1600-SR** 5/4 X 2 X 18" SMALL RAY **125-2-1800-SR** 5/4 X 2 X 23" LARGE RAY **125-2-2300-LR**	4 4 2
	5/4 X 3 X 18-3/4" LADDER BACK **125-3-1875-LB** 5/4 X 3 X 23-7/8" ROCK WALL CAP **125-3-2387-RWC**	1 1
	5/4 X 4 X 40-1/4" DECK SPACER **125-4-4025-DS**	2
	5/4 X 6 X 23-7/8" BOTTOM ROCK WALL BOARD **125-6-2387-BRW**	1
	5/4 X 6 X 23-7/8" ROCK WALL BOARD **125-6-2387-RWB**	11

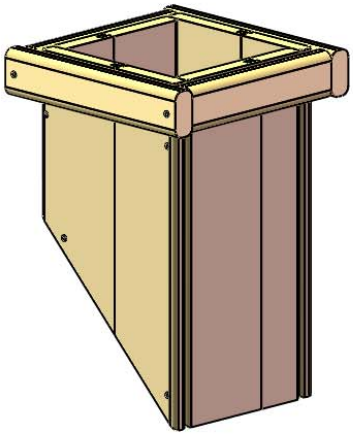
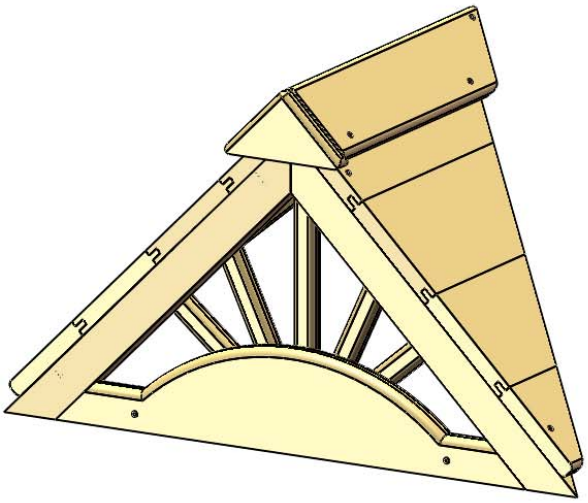
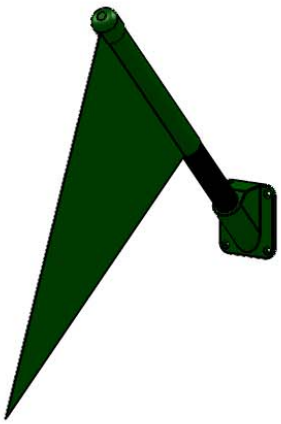
PICTURE	DESCRIPTION	QTY.
	5/4 X 6 X 47-3/8" DECK BOARD **125-6-4737-DB**	11
	5/4 X 6 X 10" ROOF PEAK SUPPORT **125-6-1000-RPS**	2
	4 X 4 X 108" PLASTIC COATED CORNER POST	4
	4 X 4 X 108" PLASTIC COATED SWING LEG	2
	4 X 6 X 120" PLASTIC COATED SWING BEAM	1
	2 X 4 X 24" ROPE LADDER STEP **2-4-2400-RLST**	6
	1 X 6 X 30" PANEL SLAT **1-6-3000-PS**	2

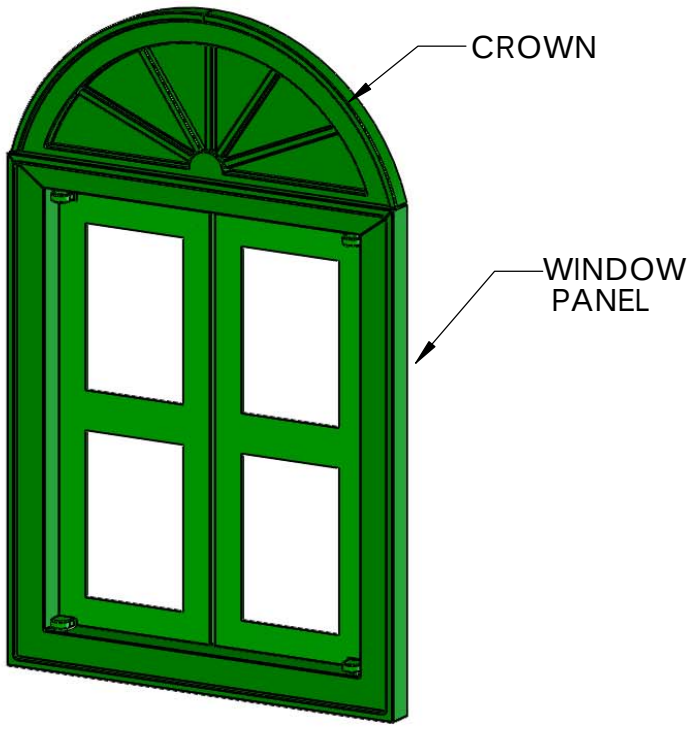
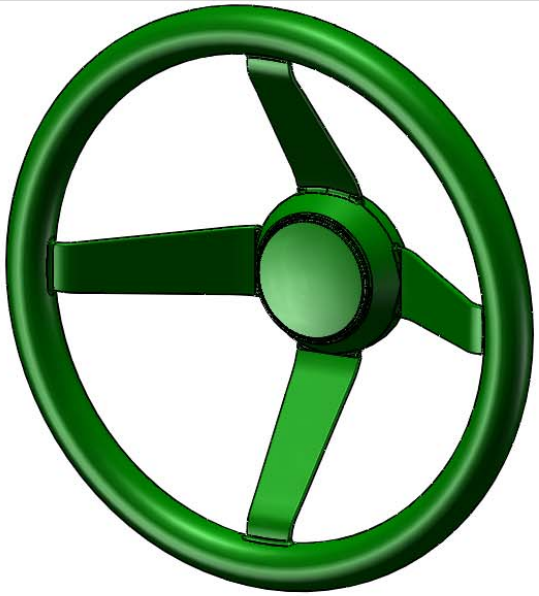
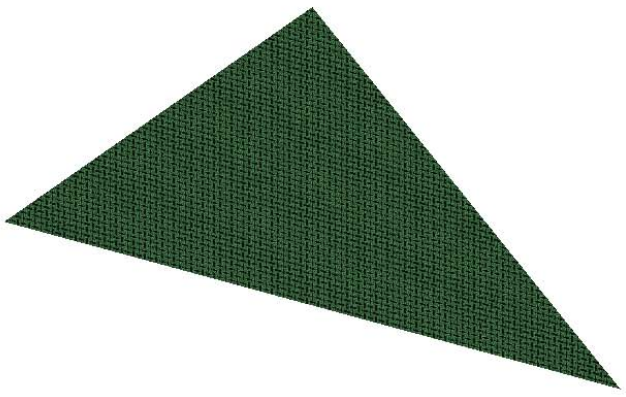
PICTURE	DESCRIPTION	QTY.
	WAVE SLIDE 03-0013	1
	13' ROPE	3
 	SWING W/CHAINS 04-0002 TRAPEZE BAR W/CHAINS 04-0006	2 1

PICTURE	DESCRIPTION	QTY.
	SWING PLATE 11-5002	1
	CLIMBING ROCKS (07-0008 IS A PACK OF 5 ROCKS)	10 ROCKS
	A-FRAME SWING LEG BRACKET 11-5010	1
NOT SHOWN	801N HARDWARE BOX 11-0072	1

PICTURE	DESCRIPTION	QTY.
	IRON DUCTILE SWING HANGERS 11-4012	6
	TELESCOPE 07-0001	1
	10' ROPE (ROCK WALL)	1

PICTURE	DESCRIPTION	QTY.
	90° GREEN BRACKET 11-5013	4
	SPRING CLIP 11-4003	6
	GROUND STAKES (PAIR) 07-0016-P	1pr
	SAFETY HANDLES (PAIR) 07-0005	1pr

PICTURE	DESCRIPTION	QTY.
	UNASSEMBLED CHIMNEY 1513 BOX	1
	UNASSEMBLED DORMER 1513 BOX	2
	BOXED TIC-TAC-TOE SPINNER PANEL 07-0010	1
	FLAG KIT 09-1014	2

PICTURE	DESCRIPTION	QTY.
	CROWN 07-0019	5
	WINDOW PANEL 07-0013	4
	STEERING WHEEL 07-0004	1
	SUNBURST SCREEN 06-2001	2

STEP 1: ATTACHING THE T-NUTS TO THE CORNER POSTS

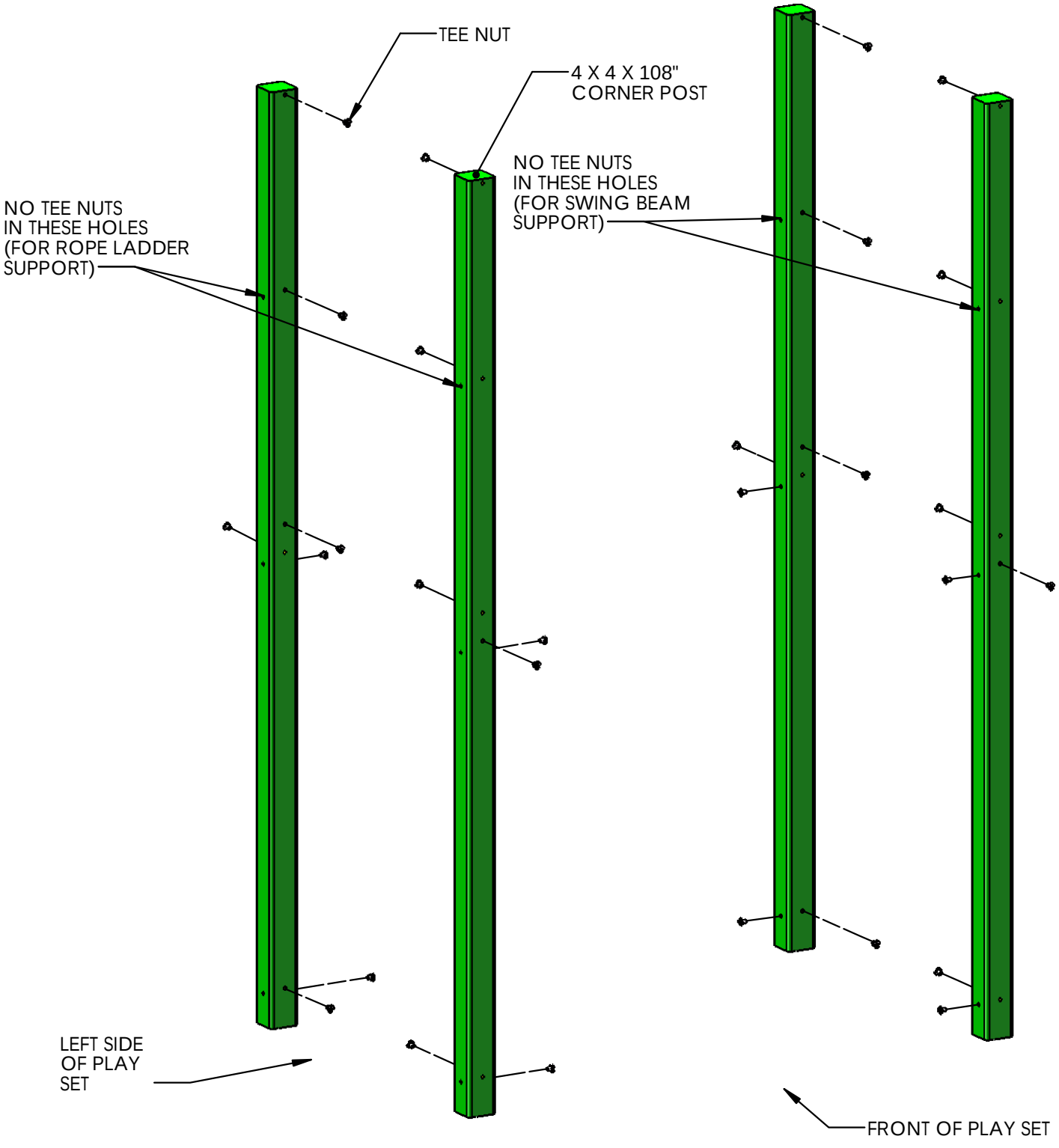
1: THIS STEP IS CRITICAL TO BUILDING THE PLAY SET PROPERLY. IF ANY MISTAKES ARE MADE HERE, YOU WILL NEED TO DISASSEMBLE THEN REASSEMBLE TO MAKE YOUR CORRECTIONS. MAKE SURE HOLES ARE FREE OF ANY OBSTRUCTIONS. USE A BOLT TO CLEAN OUT ANY DEBRIS.

2: LAY OUT EACH OF THE 4 X 4 X 108" CORNER POSTS IN THE AREA YOU INTEND ON BUILDING THE PLAYSET.

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

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

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



STEP 2: 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 78" ROPE LADDER RUNNER ON TOP OF THE LEFT SIDE CORNER POSTS AT THE BOTTOM OF THE CORNER POSTS. THE HOLES IN THE SANDBOX BOARD ARE 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 THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

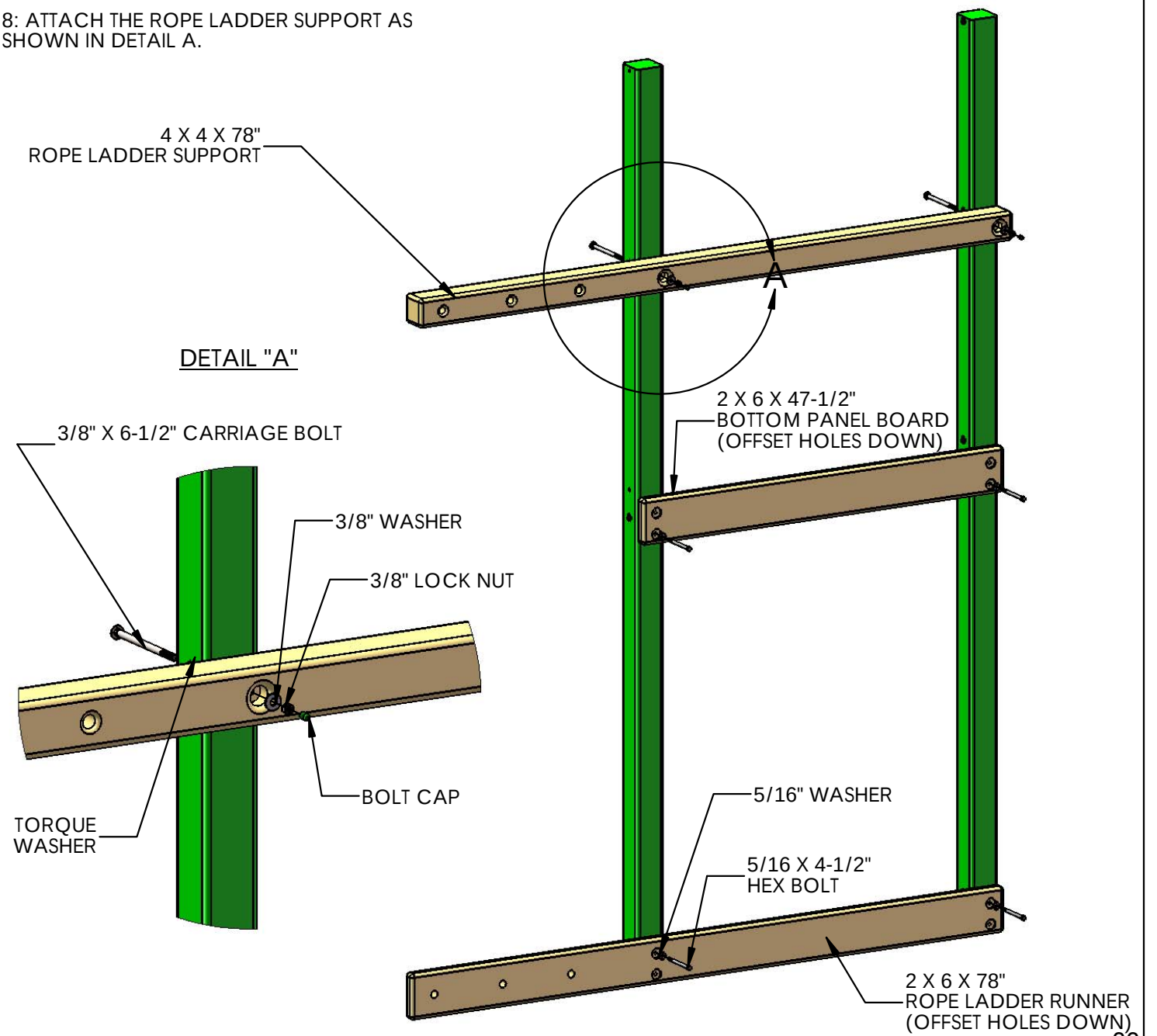
4: LAY THE 2 X 6 X 47-1/2" BOTTOM PANEL BOARD ON TOP OF THE LEFT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE HOLES IN THE BOTTOM PANEL BOARD ARE OFFSET DOWN.

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 78" ROPE LADDER SUPPORT ON TOP OF THE LEFT SIDE CORNER POSTS.

7: FIND TWO TORQUE WASHERS. PLACE A 3/8" X 6-1/2" CARRIAGE BOLT INSIDE 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 HOLES OF THE CORNER POST 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 ROPE LADDER SUPPORT AS SHOWN IN DETAIL A.



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

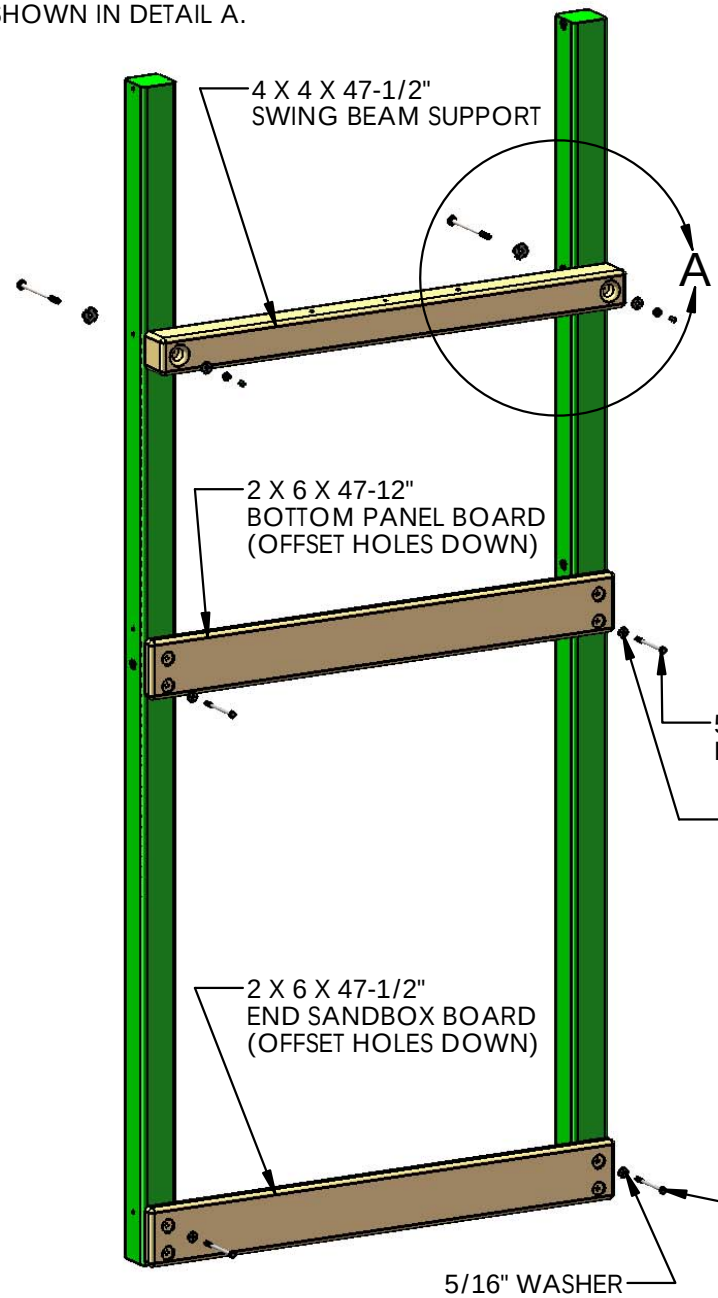
4: LAY THE 2 X 6 X 47-1/2" BOTTOM PANEL BOARD ON TOP OF THE LEFT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE HOLES IN THE BOTTOM PANEL BOARD MUST BE OFFSET DOWN.

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.

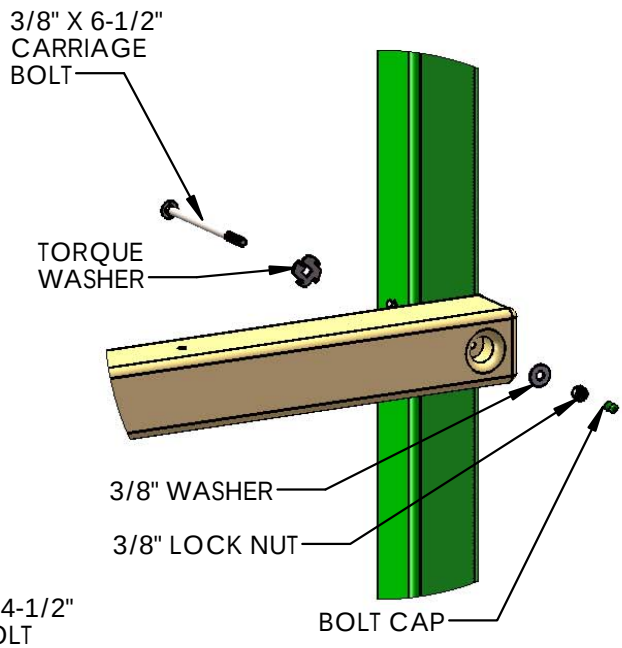
6: LAY THE 4 X 4 X 47-1/2" SWING BEAM SUPPORT ON TOP OF THE LEFT SIDE CORNER POSTS. THE THREE COUNTERSUNK HOLES IN THE MIDDLE OF THE SWING BEAM SUPPORT MUST FACE DOWNWARD.

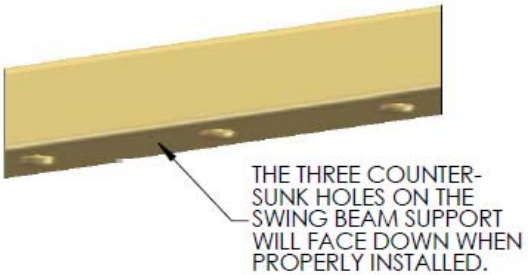
7: FIND TWO TORQUE WASHERS. PLACE A 3/8" X 6-1/2" CARRIAGE BOLT INSIDE THE TORQUE WASHER, MAKING SURE THAT THE TEETH ARE FACING IN THE SAME DIRECTION AS THE THREADS OF THE CARRIAGE BOLT. PLACE THE TORQUE WASHER/ CARRIAGE BOLT ASSEMBLY INTO THE HOLES OF THE CORNER POST SO THAT THE HEAD OF THE CARRIAGE 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"



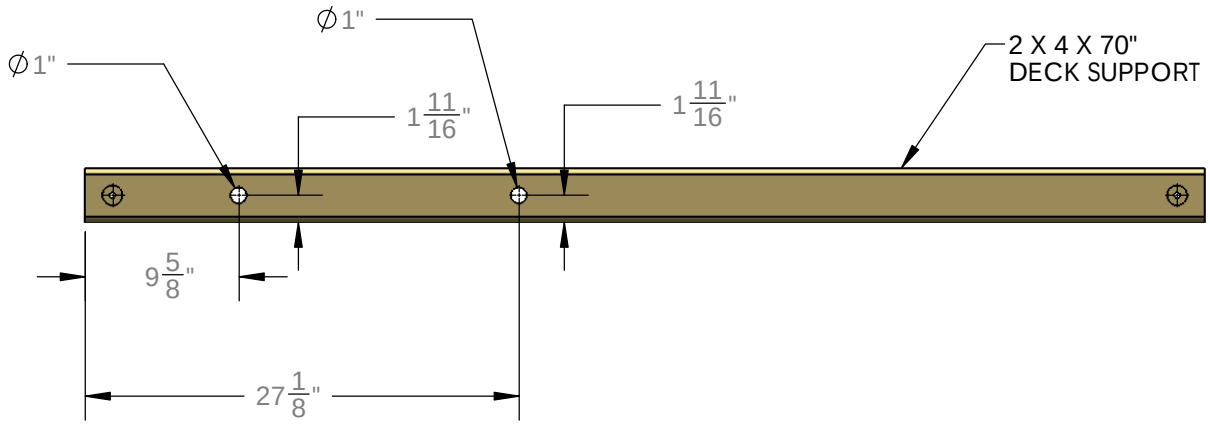


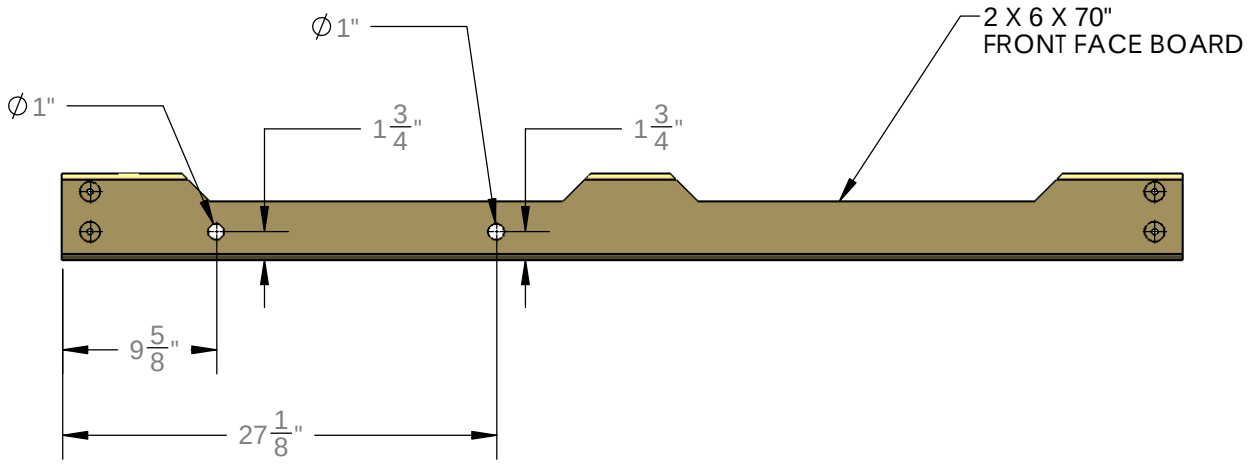
STEP 3A: DRILL HOLES FOR BRIDGE CHAINS

1: LOCATE ONE 2 X 4 X 70" DECK SUPPORT AND ONE 2 X 6 X 70" FRONT FACE BOARD.

2: MEASURE AS SHOWN BELOW AND MAKE MARKS ON EACH BOARD.

3: PLACE A SCRAP PIECE OF WOOD UNDER THE BOARD BEFORE YOU DRILL THE 1" HOLES WITH A SPADE BIT.



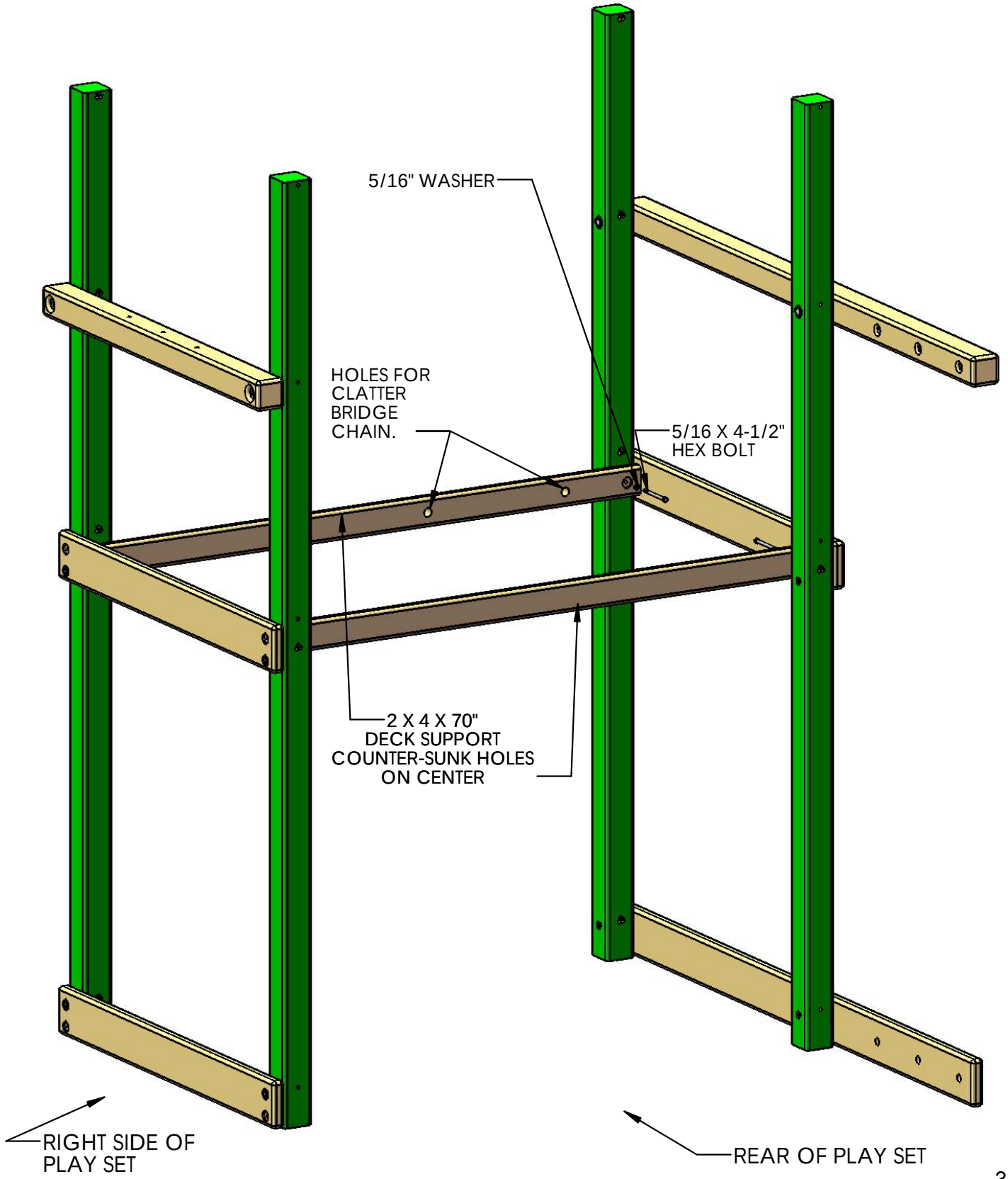


STEP 4: DECK SUPPORTS

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 PLAY SET.



STEP 5: FRONT FRAME ASSEMBLY

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

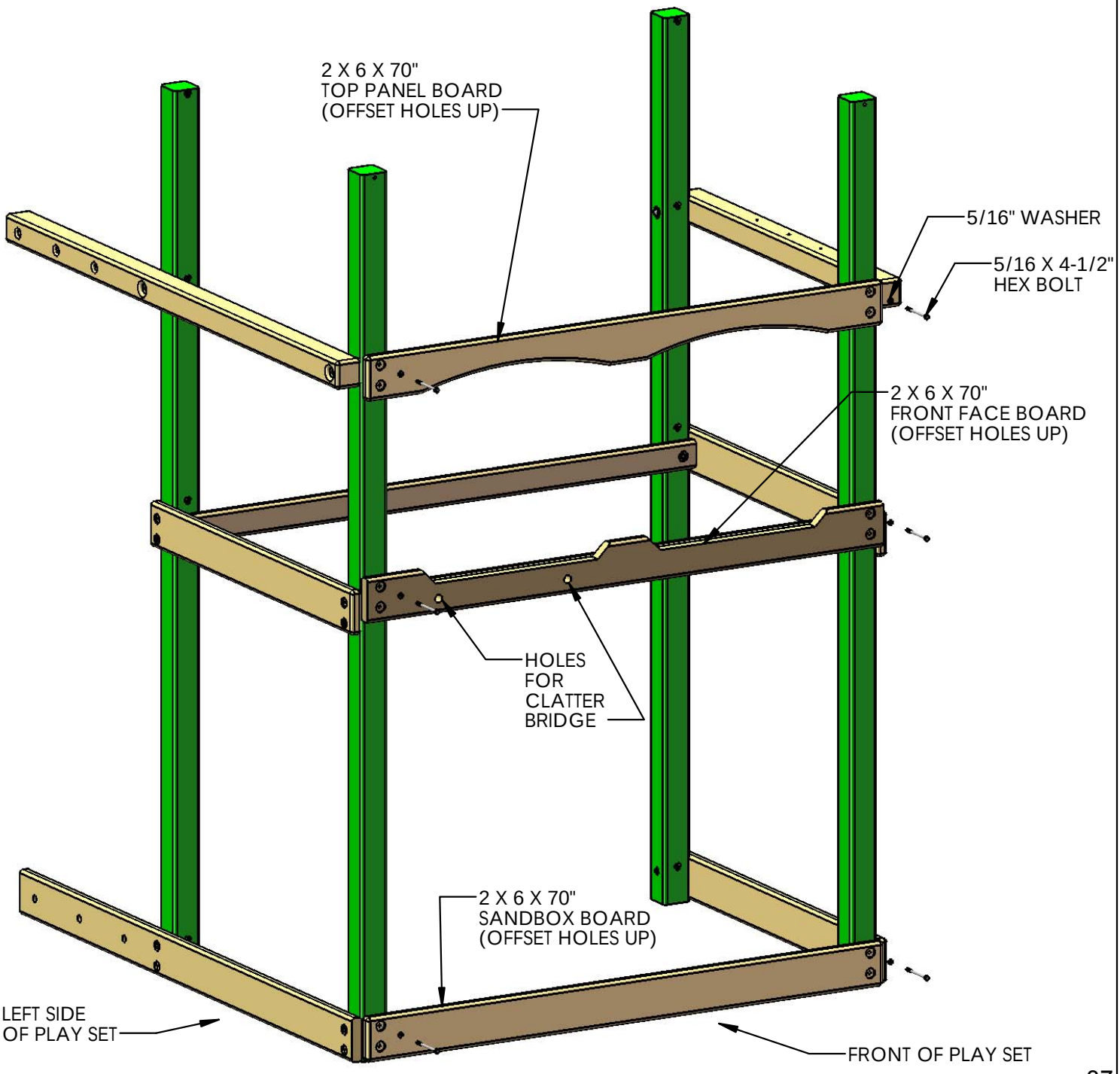
2: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

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" TOP PANEL BOARD ON THE FRONT OF THE CORNER POSTS. THE HOLES IN THE 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 TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.

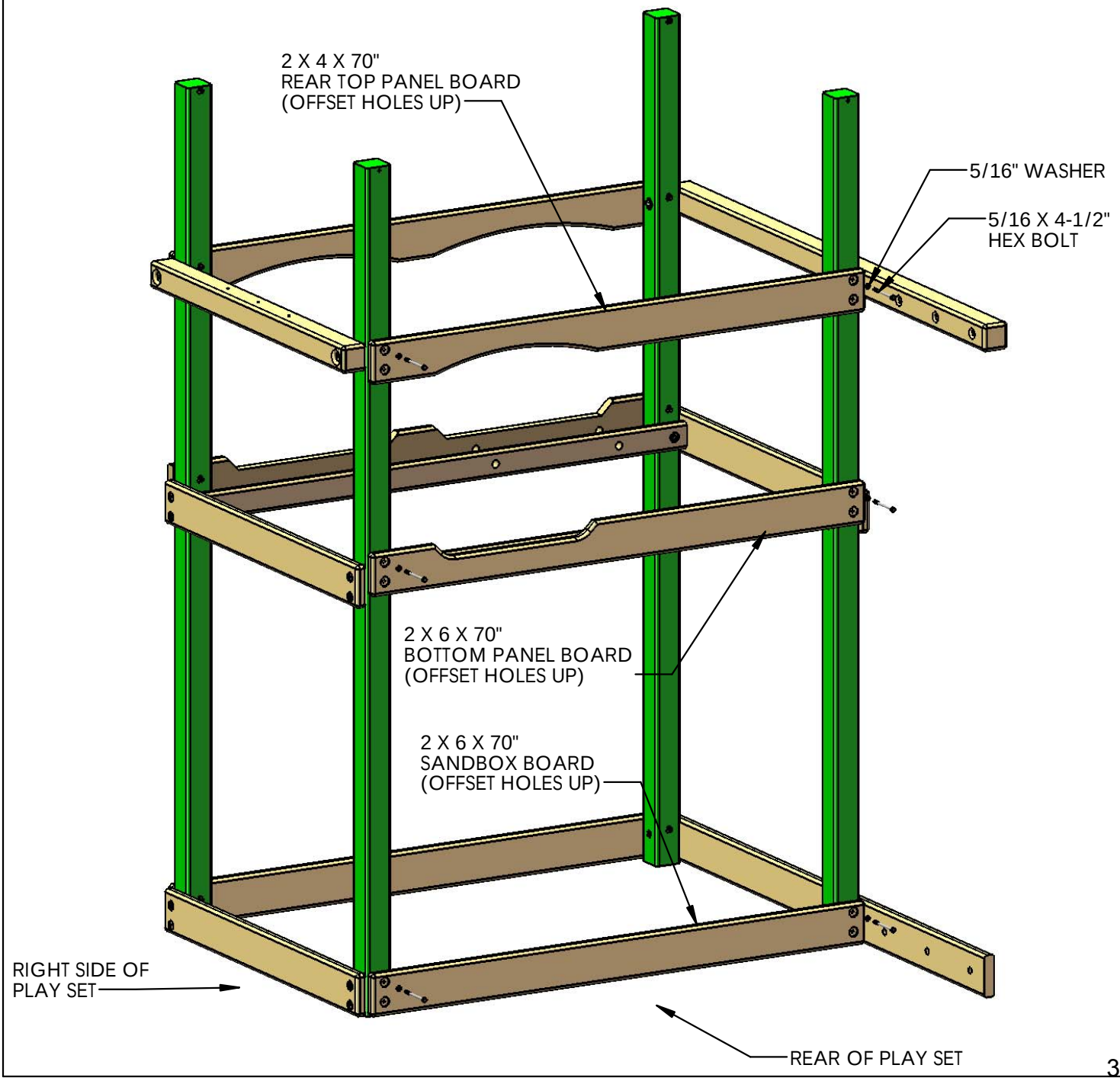


STEP 6: REAR FRAME ASSEMBLY

1: PLACE THE 2 X 6 X 70" SANDBOX BOARD ON THE REAR CORNER POSTS. THE HOLES IN THE SANDBOX BOARD ARE OFFSET UP. USE 5/16" X 4-1/2" HEX BOLTS AND 5/16" WASHER TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

2: PLACE THE 2 X 6 X 70" BOTTOM PANEL BOARD ON THE REAR CORNER POSTS. THE HOLES IN THE BOTTOM PANEL BOARD ARE OFFSET UP. 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.

3: PLACE THE 2 X 4 X 70" REAR TOP PANEL BOARD ON THE REAR CORNER POSTS. THE HOLES IN THE REAR TOP PANEL ARE OFFSET UP. USE 5/16" X 4-1/2" HEX BOLTS AND 5/16" WASHER TO ATTACH THE TOP HOLES OF THE REAR TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.

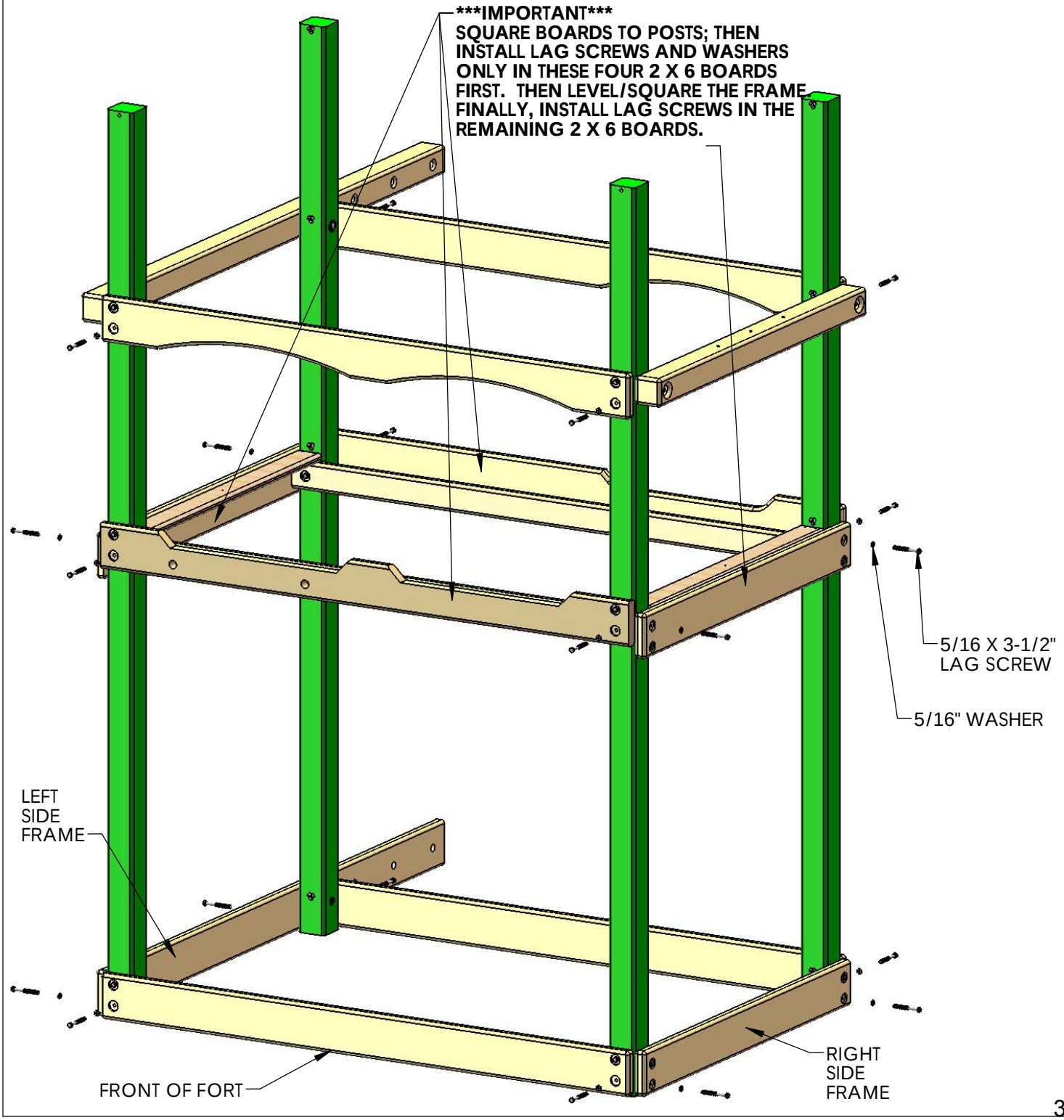


STEP 6A: LEVELING THE PLAY SET AND LAGS

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 RIGID 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.

2: 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.



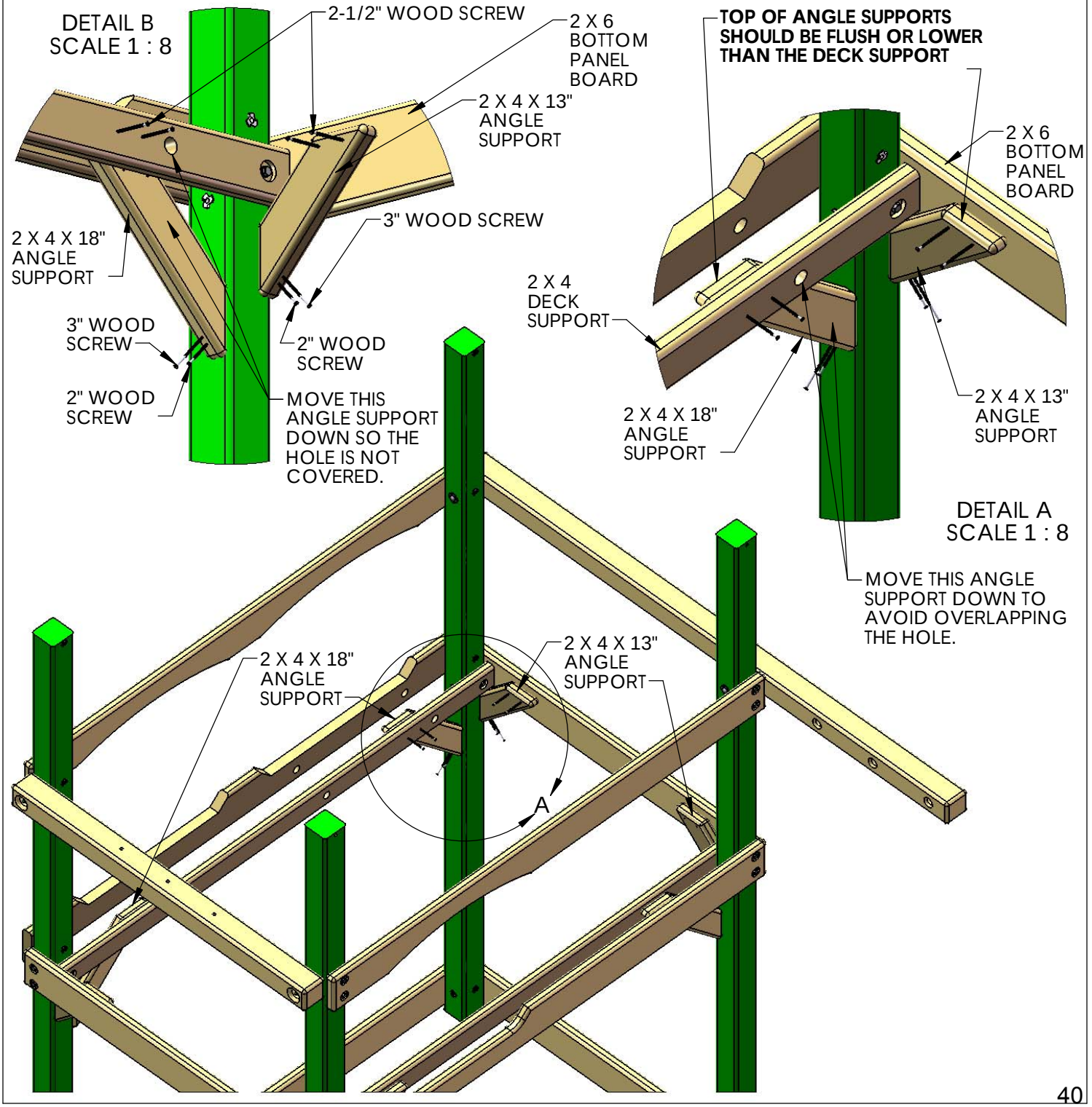
STEP 7: ANGLE SUPPORTS

1: FOUR 2 X 4 X 13" ANGLE SUPPORTS ARE MOUNTED UNDER THE DECK ON THE LEFT AND RIGHT SIDES OF THE PLAY SET TO THE 2 X 6 BOTTOM PANEL BOARDS. **THE TOP OF THE ANGLE SUPPORT SHOULD BE FLUSH OR LOWER THAN THE TOP OF THE DECK SUPPORT.**

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

3: FOUR 2 X 4 X 18" ANGLE SUPPORTS ARE MOUNTED UNDER THE DECK ON THE FRONT AND REAR OF THE PLAY SET TO THE 2 X 4 DECK SUPPORTS. **THE TOP OF THE ANGLE SUPPORT SHOULD BE FLUSH OR LOWER THAN THE TOP OF THE DECK SUPPORT.**

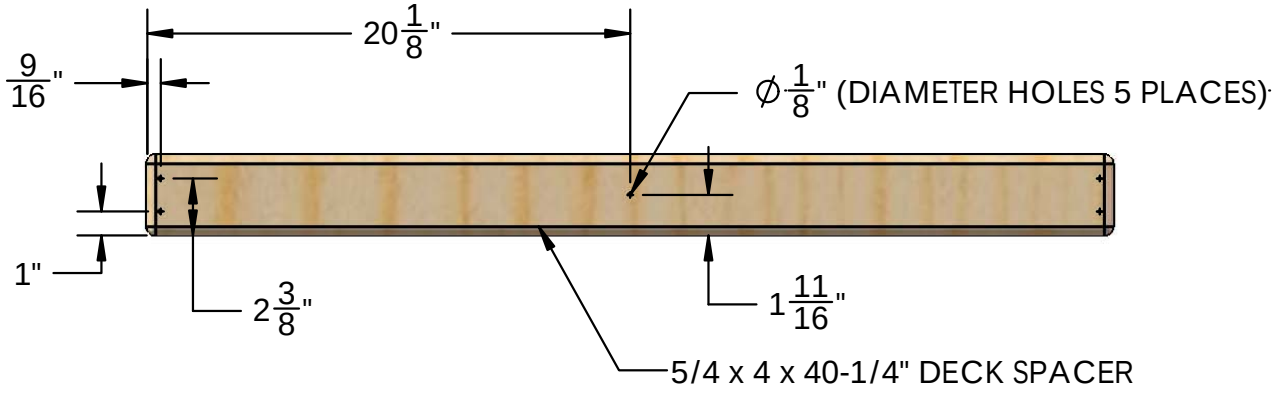
4: AT THE TOP USE TWO 2-1/2" WOOD SCREWS THROUGH THE DECK SUPPORT INTO THE ANGLE SUPPORT. AT THE BOTTOM USE ONE 2" AND ONE 3" WOOD SCREW TO FASTEN THE ANGLE SUPPORT TO THE CORNER POST.



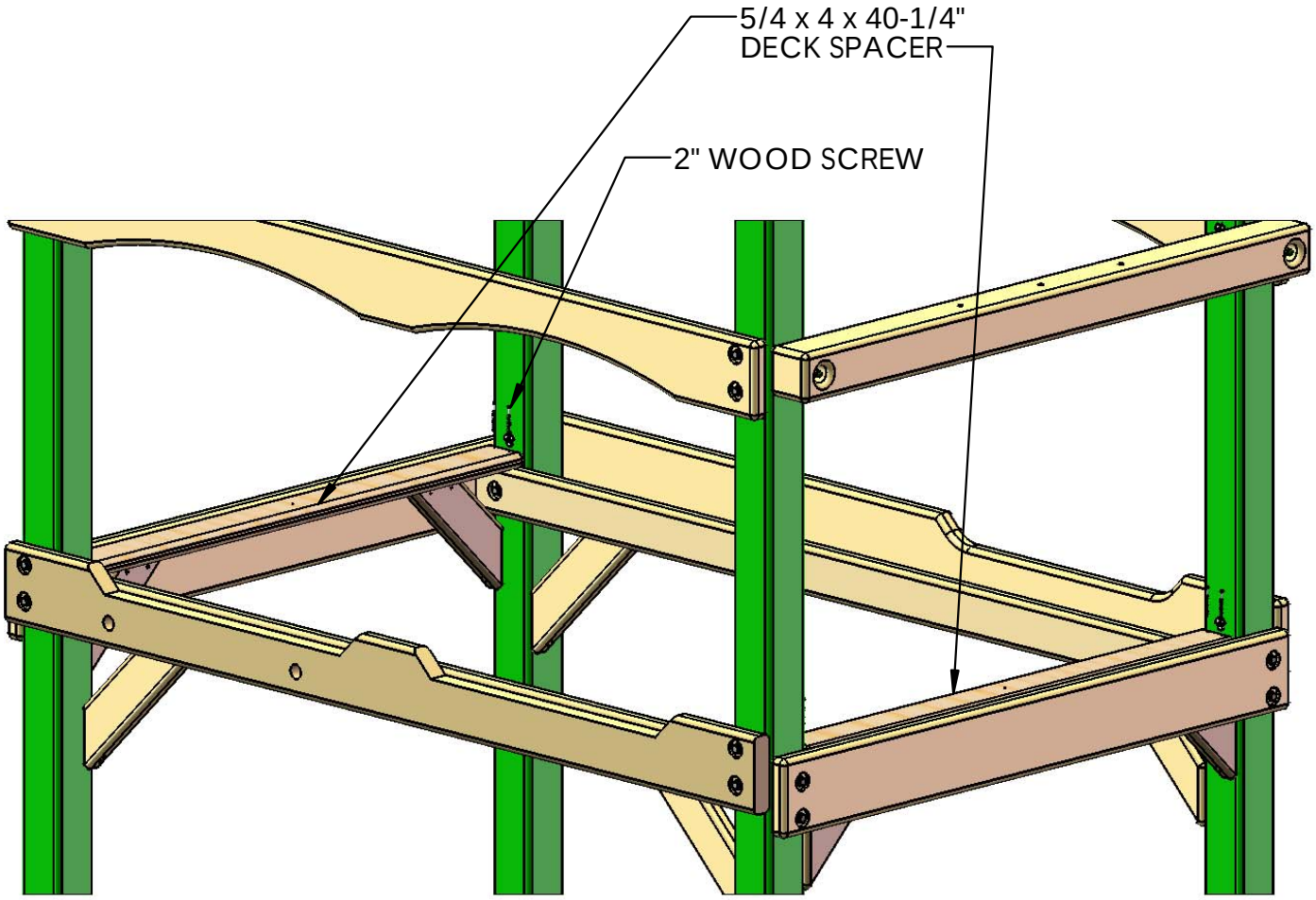
STEP 8: DECK SPACERS

THE FOLLOWING STEP IS RECOMMENDED TO PREVENT POSSIBLE SPLITS IN THE WOOD.

1: PRE-DRILL THE ENDS OF THE 5/4 X 4 X 40-1/4" DECK SPACERS TO PREVENT INSTALLATION DAMAGE. PRE-DRILL BOTH ENDS WITH A 1/8" DRILL BIT AT THE DIMENSIONS SHOWN BELOW. THE HOLE AT 20-1/8" ONLY NEEDS TO BE DRILLED ONCE. THIS HOLE IS TO ATTACH THE CENTER DECK SUPPORT TO THE DECK SPACER.



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



STEP 9: CENTER DECK SUPPORT

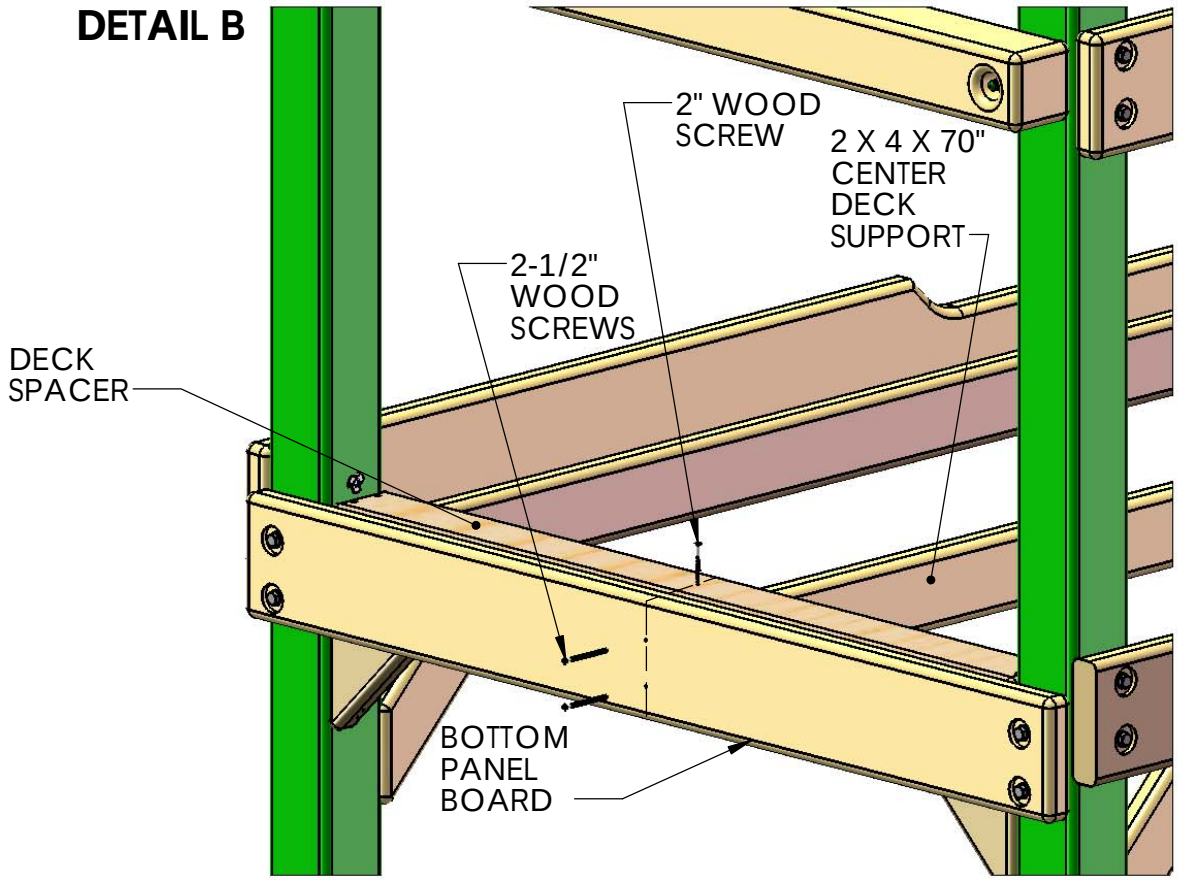
1: FIND THE 2 X 4 X 70" CENTER DECK SUPPORT WITHOUT HOLES.

2: USE THE HOLE IN THE CENTER OF THE DECK SPACER AS A GUIDE TO DRAW A LINE ON THE OUTSIDE OF THE BOTTOM PANEL BOARD ON EACH SIDE OF THE PLAY SET. (SEE DETAIL B) PLACE THE CENTER DECK SUPPORT UNDERNEATH THE DECK SPACERS THAT WERE PREVIOUSLY INSTALLED.

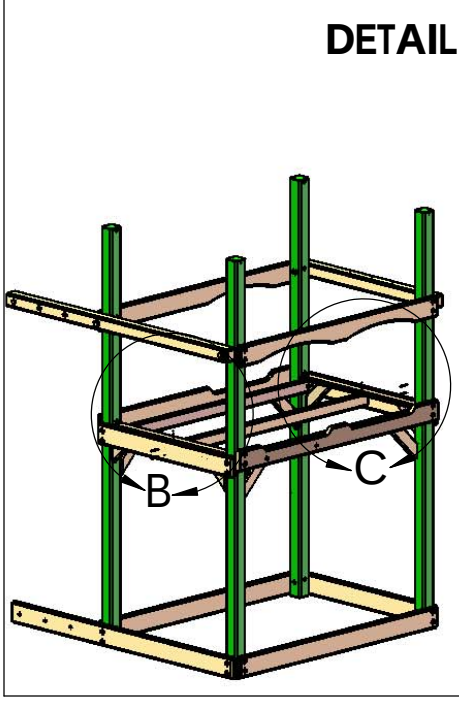
3: CENTER THE 2 X 4 X 70" CENTER DECK SUPPORT UNDER THE HOLE IN THE DECK SPACER. USE 2" WOOD SCREWS TO ATTACH THE DECK SPACERS TO THE CENTER DECK SUPPORT.

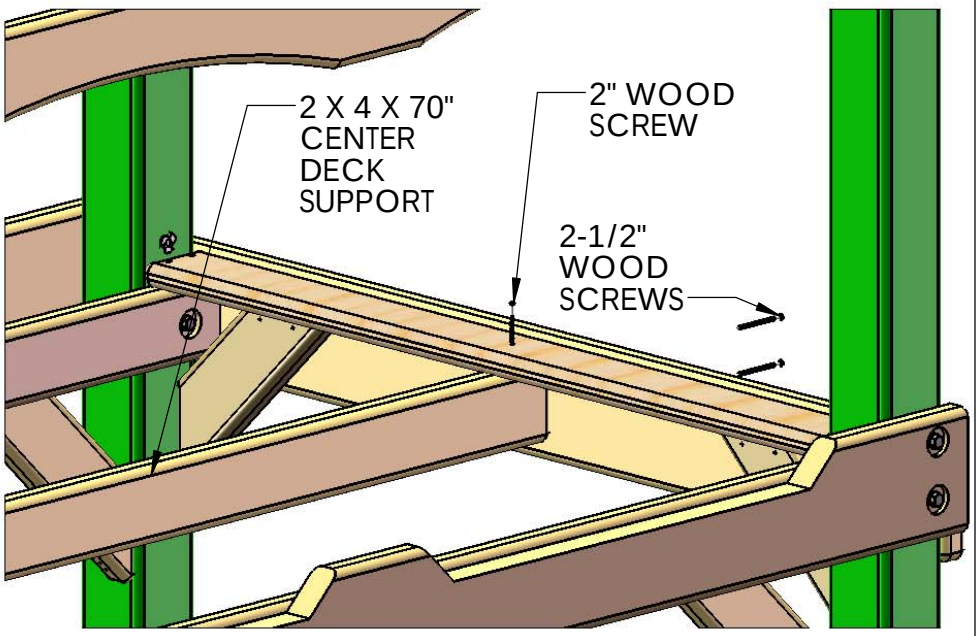
4: USING TWO 2-1/2" WOOD SCREWS, FASTEN THE END OF THE 2 X 4 X 70" CENTER DECK SUPPORT TO THE INSIDE OF THE BOTTOM PANEL BOARD. REPEAT THIS STEP ON THE OPPOSITE END OF THE FORT AS SHOWN IN DETAIL C.

DETAIL B



DETAIL C

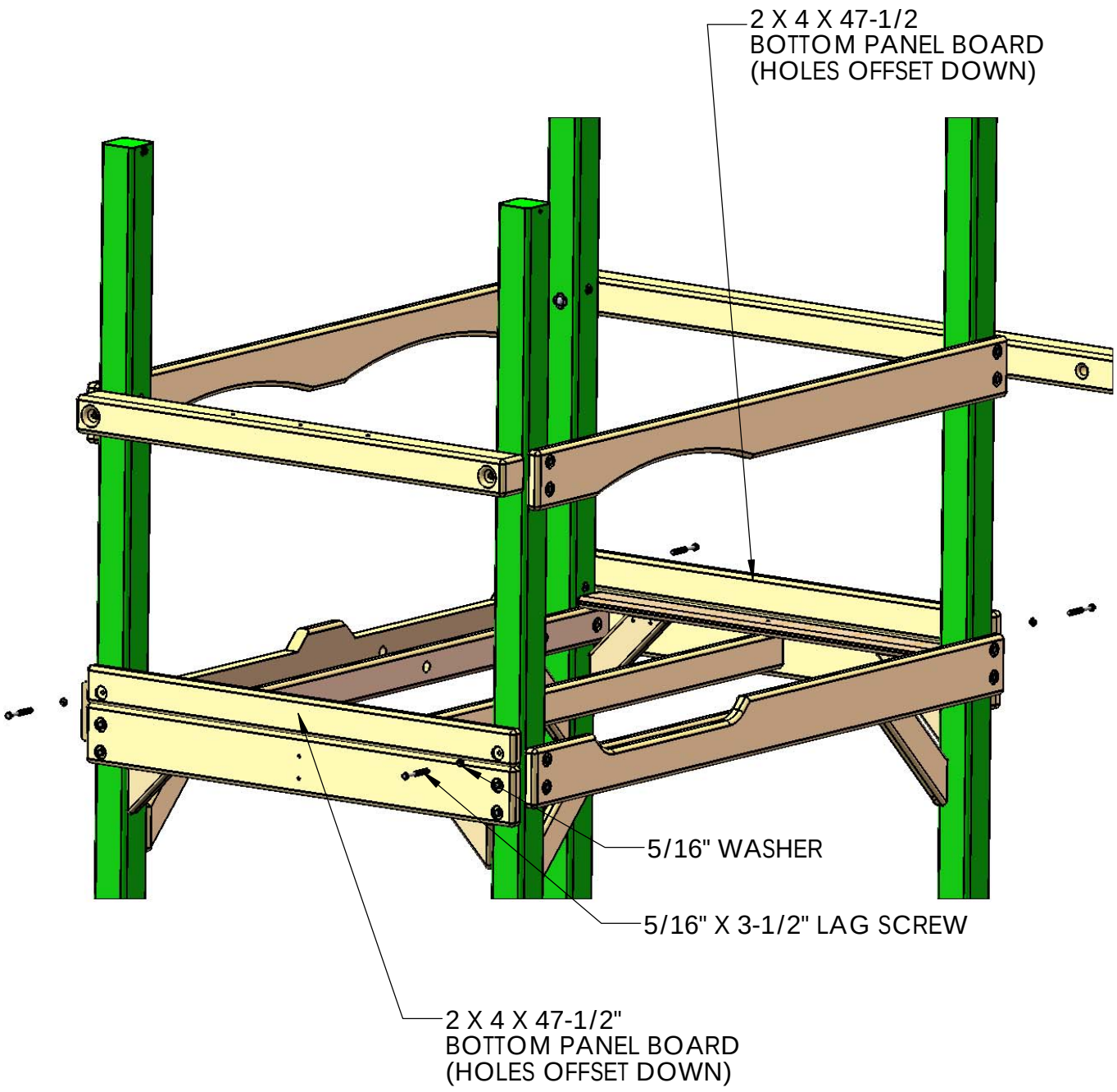




STEP 10: BOTTOM PANEL BOARDS

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

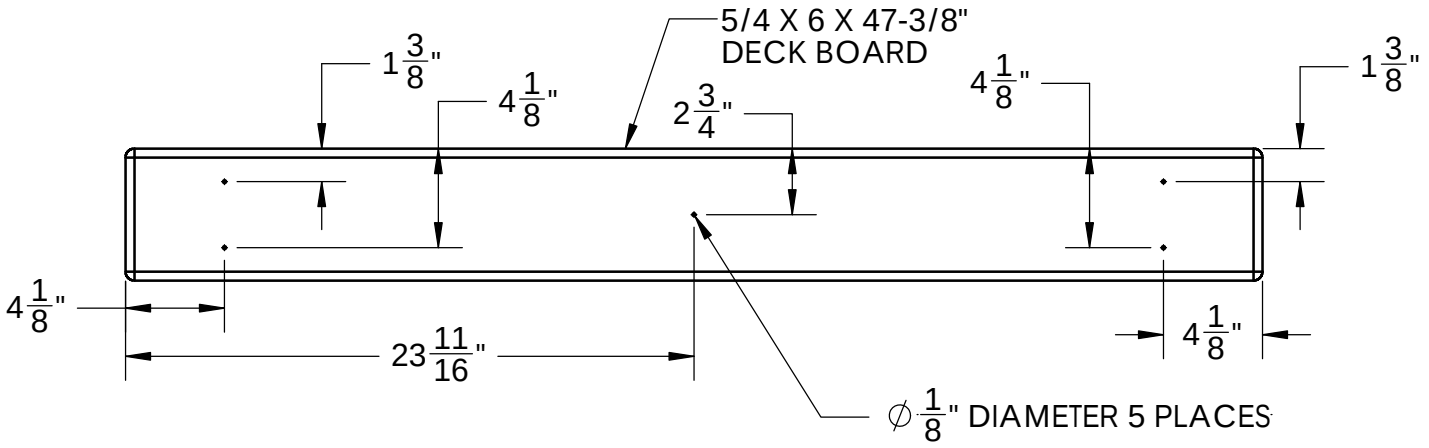
2: DO THE SAME PROCEDURE FOR THE OTHER SIDE USING A 2 X 4 X 47-1/2" BOTTOM PANEL BOARD, 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS.



STEP 11: DECK BOARDS

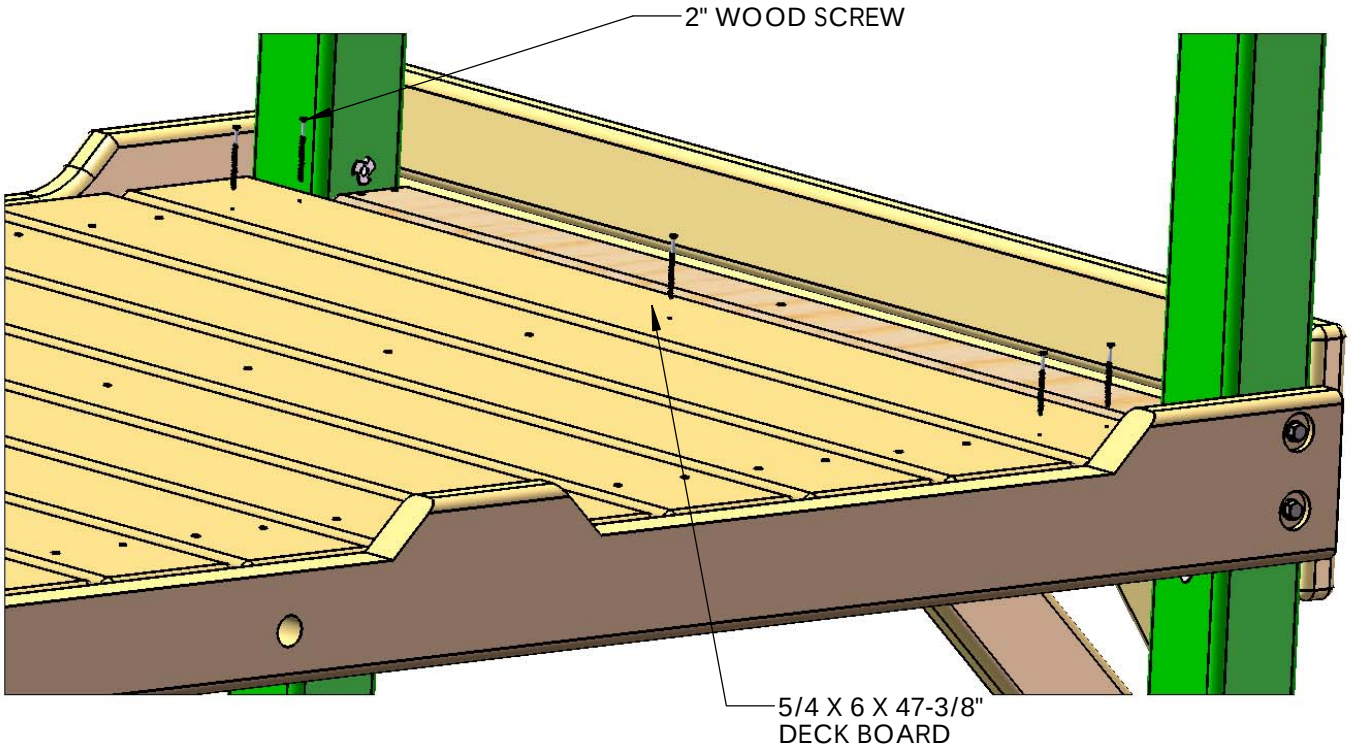
THE FOLLOWING STEP IS RECOMMENDED TO PREVENT POSSIBLE SPLITS IN THE WOOD.

1: PRE-DRILL THE ENDS OF THE DECK BOARDS TO PREVENT INSTALLATION DAMAGE. PRE-DRILL BOTH ENDS WITH A 1/8" DRILL BIT AT THE DIMENSIONS SHOWN BELOW.



2: START WITH A 5/4 X 6 X 47-3/8" DECK BOARD AT ONE END OF THE FORT. CENTER THE BOARD BETWEEN THE FRONT FACE BOARD AND THE REAR BOTTOM PANEL BOARD AND ATTACH IT WITH 2" WOOD SCREWS THROUGH THE PREDRILLED HOLES AND INTO THE DECK SUPPORT SHOWN BELOW. LEAVE A UNIFORM (APPROXIMATELY 1/4") 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.

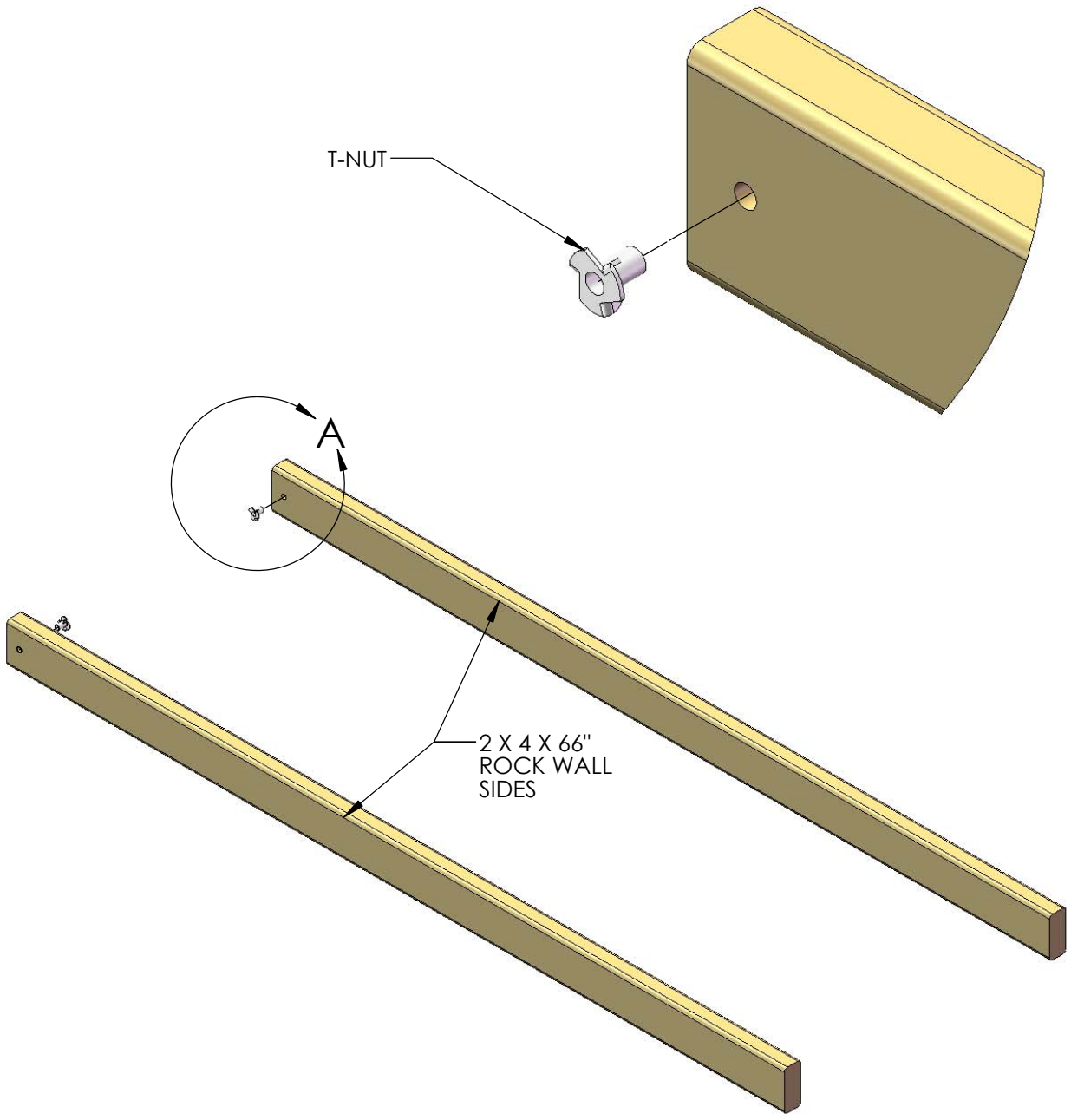


STEP 12: ROCK WALL

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.



STEP 13: 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).

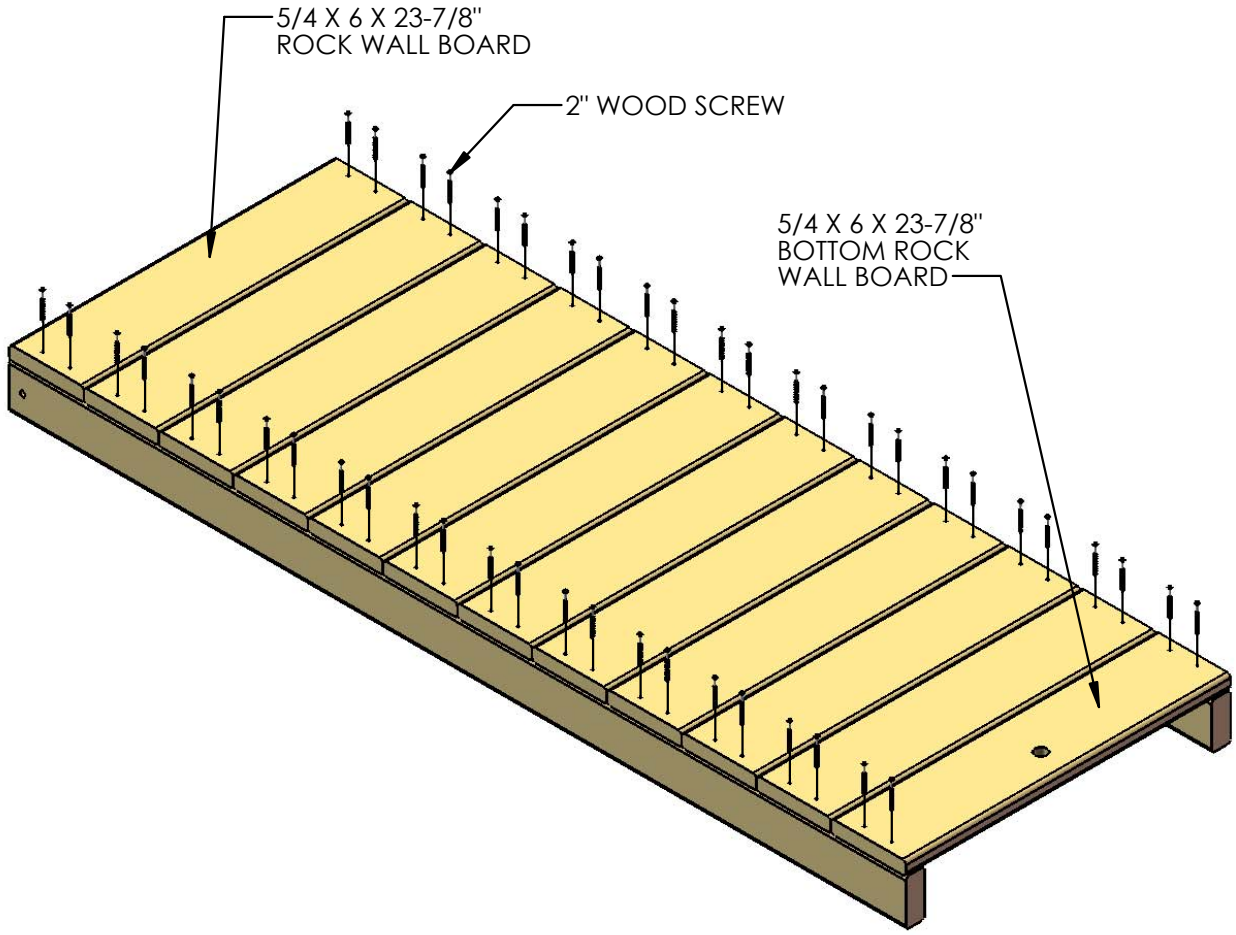
2: STARTING FROM THE TOP, PLACE ONE ROCK WALL BOARD ON TOP OF THE ROCK WALL SIDES, FLUSH TO THE TOP OF THE ROCK WALL SIDES, AND ATTACH WITH TWO 2" WOOD SCREWS ON EACH SIDE.

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 ON EACH 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.

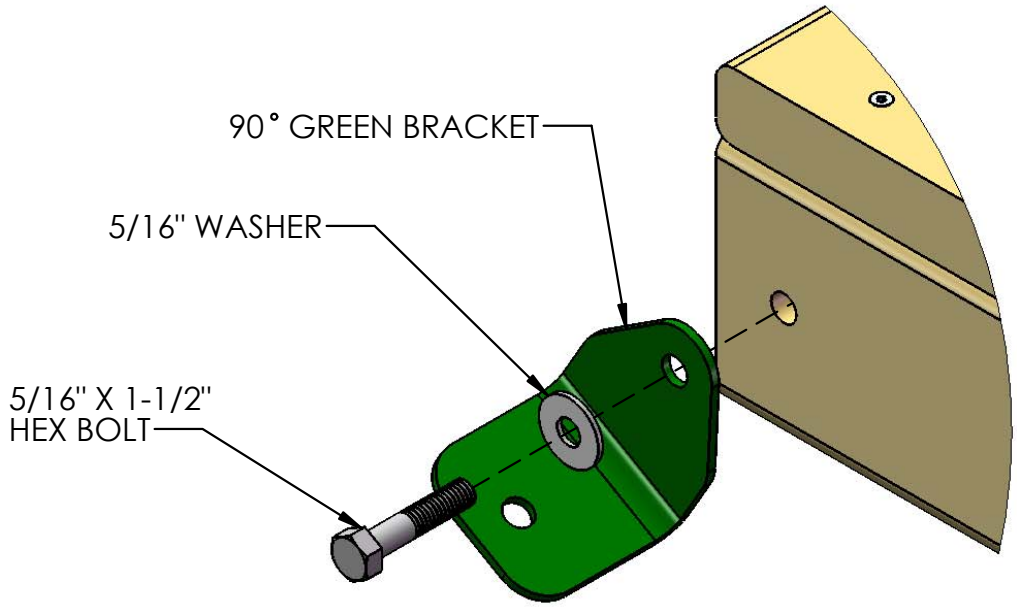
6: ROCK WALL SIDES MAY NOT BE EVEN WITH THE BOTTOM ROCK WALL BOARD DUE TO MILLING VARIATIONS AND WOOD SHRINKAGE.

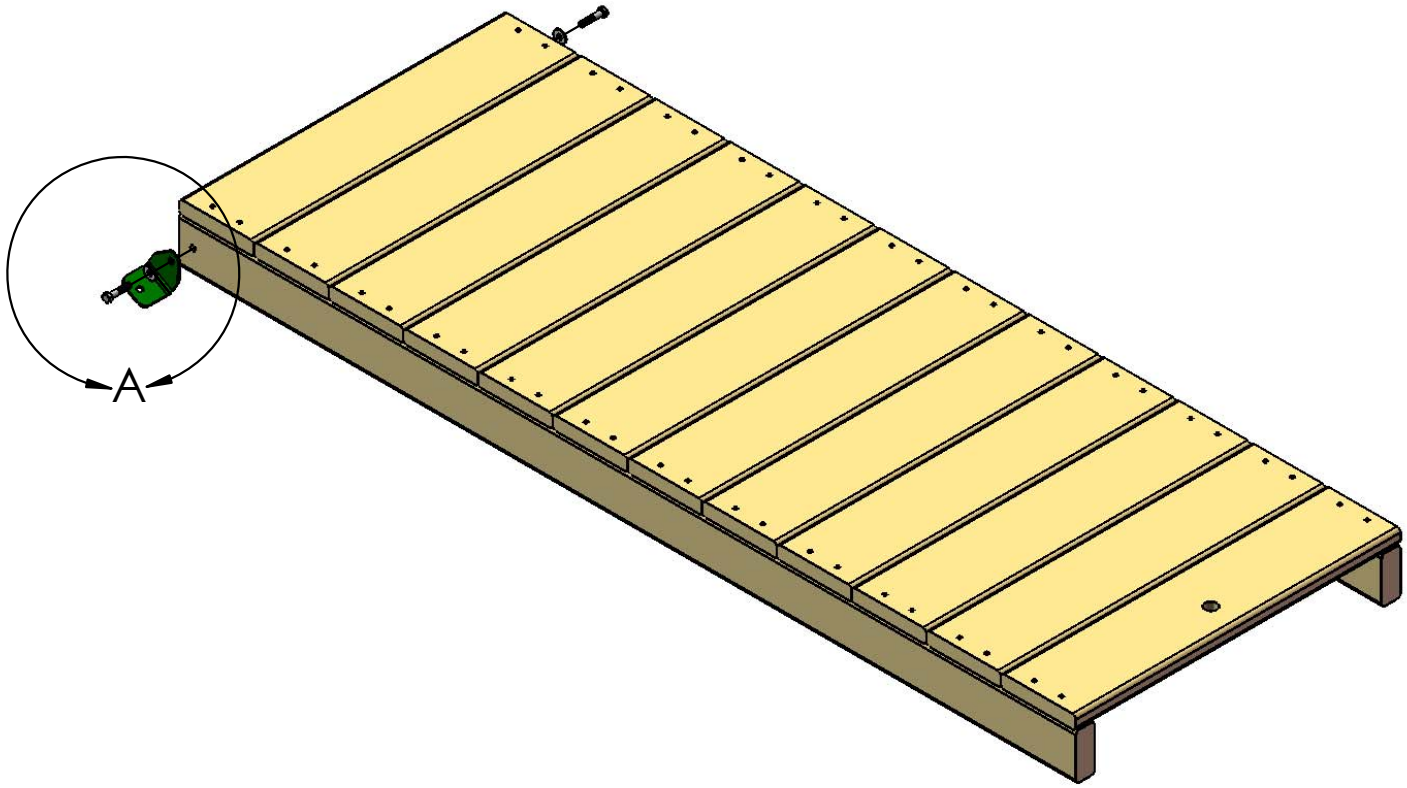


STEP 14: ROCK WALL

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

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



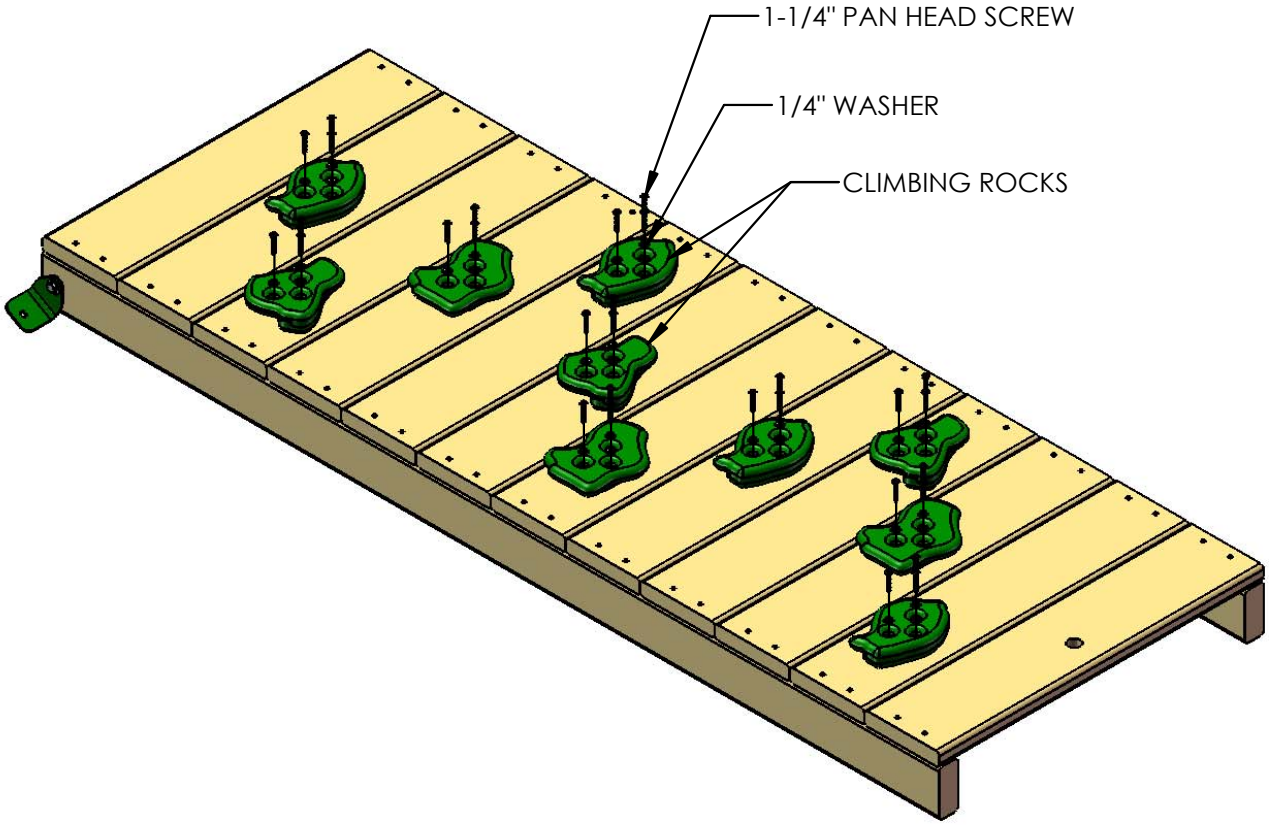


STEP 15: ROCK WALL

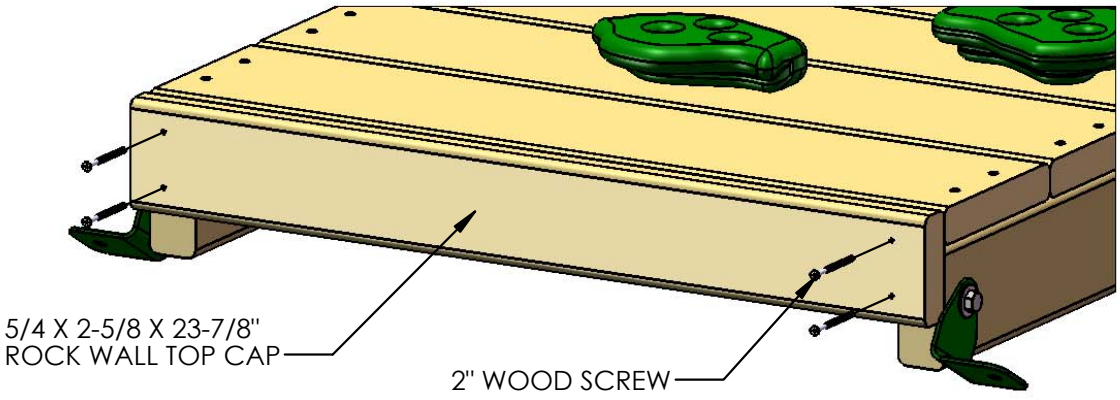
1: FIND TEN ROCKS AND THIRTY 1-1/4" PAN HEAD SCREWS AND THIRTY 1/4" WASHERS.

2: MOUNT THE ROCKS IN A STAGGERED MANNER ON THE ROCK WALL BOARDS. THREE PAN HEAD SCREWS WITH THREE 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 THAN 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 2-5/8 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.



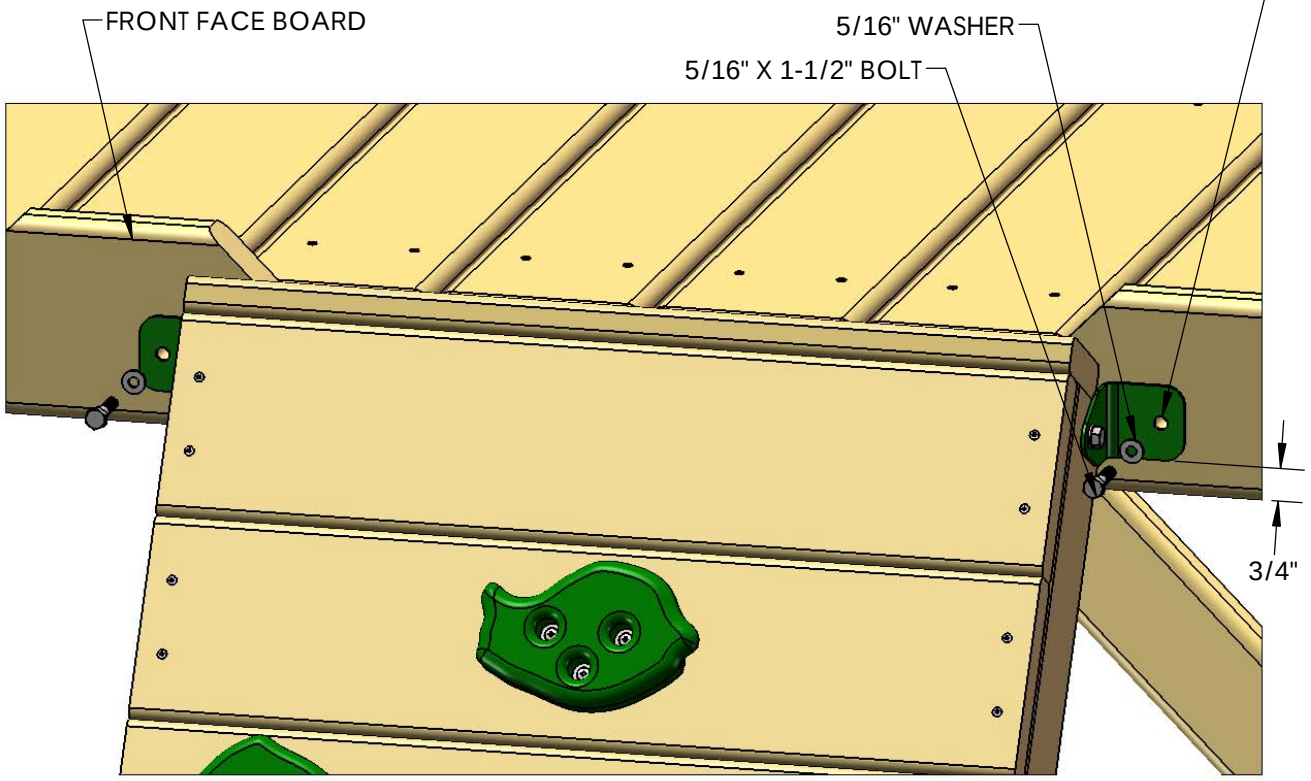
STEP 16: ATTACHING THE ROCK WALL

1: PLACE THE ROCK WALL INTO POSITION ON THE FRONT SIDE - RIGHT OF THE PLAY SET AS SHOWN BELOW. THE BOTTOM OF THE 90˚ BRACKETS SHOULD BE APPROXIMATELY 3/4" FROM THE BOTTOM OF THE FRONT FACE BOARD. USING THE 90˚ 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 BACKSIDE OF THE 3/8" HOLES ON THE FRONT FACE BOARD.

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

4: WHEN THE 90˚ 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.

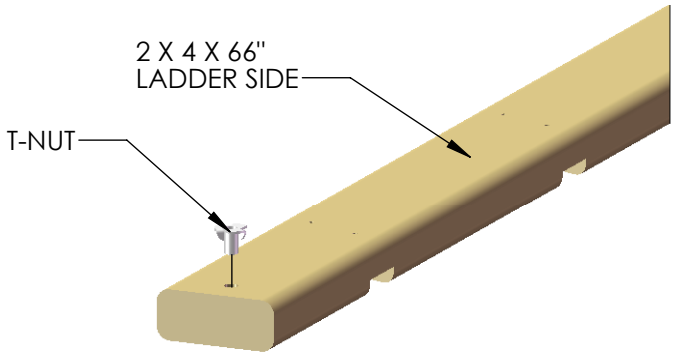


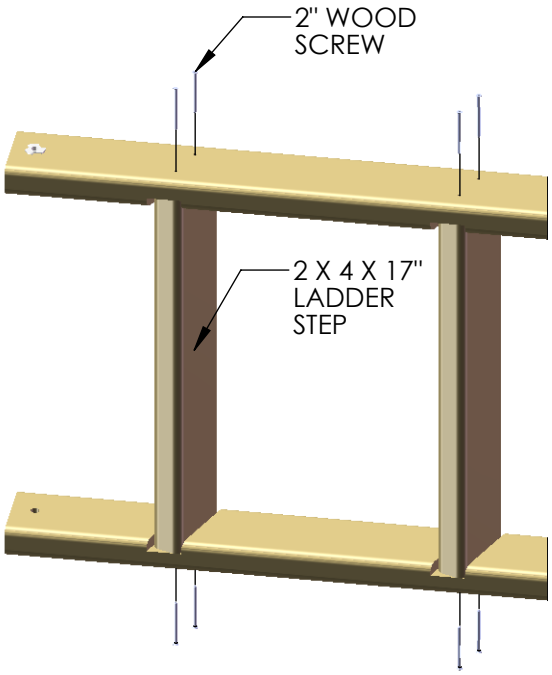
STEP 17: LADDER

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.

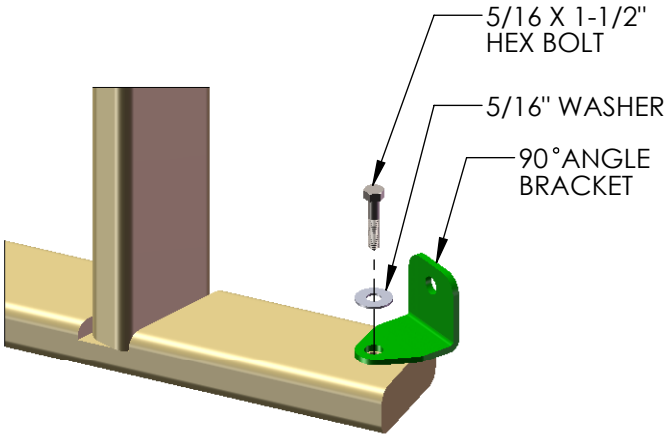




4: FIND FIVE 2 X 4 X 17" LADDER STEPS.

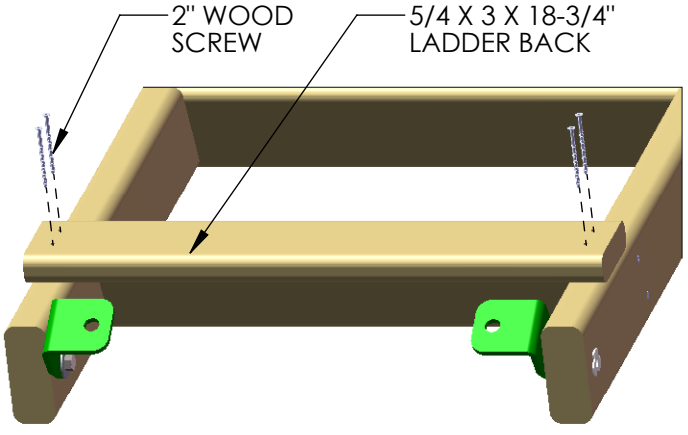
5: PLACE THE STEPS INTO THE SLOTS ON THE LADDER SIDES, AND FASTEN WITH 2" WOOD SCREWS.

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 18: LADDER TO PLAY SET

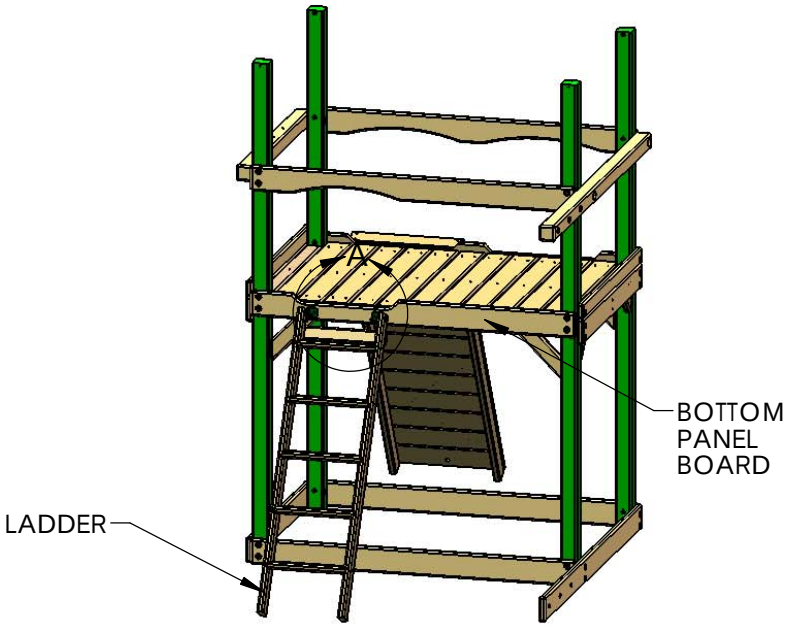
1: THE LADDER WILL ATTACH TO THE REAR OF THE PLAY SET. PLACE THE LADDER AGAINST THE BOTTOM PANEL BOARD CENTERED IN THE NOTCHED OUT AREA.

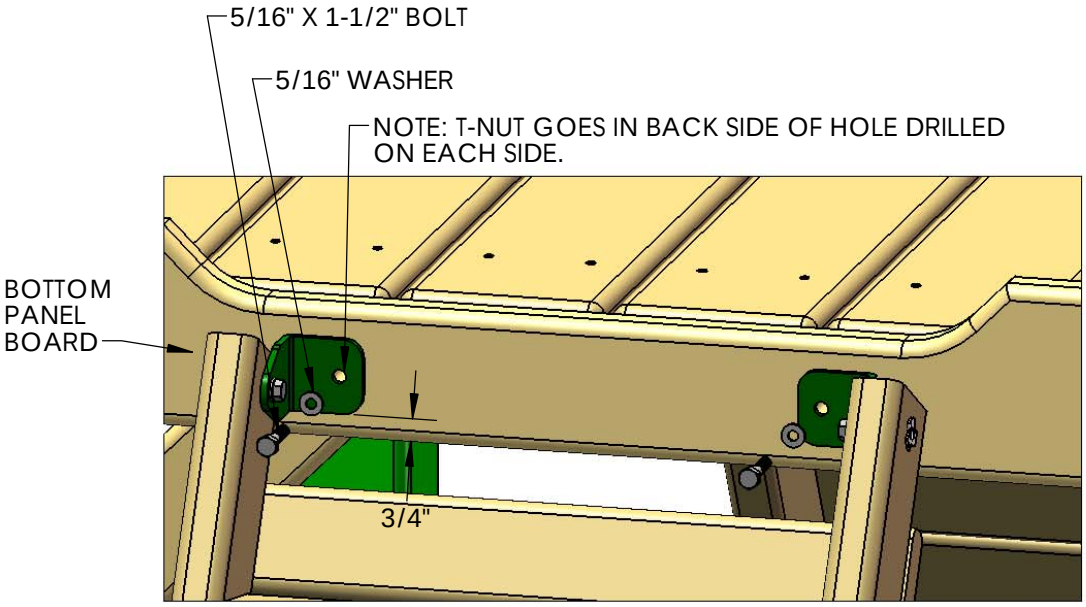
2: THE BOTTOM OF THE 90˚ BRACKETS SHOULD BE APPROXIMATELY 3/4" FROM THE BOTTOM OF THE BOTTOM PANEL BOARD. USING THE 90˚ BRACKETS AS A TEMPLATE DRILL A 3/8" HOLE THROUGH THE BOTTOM PANEL BOARD.

3: FROM THE UNDERSIDE OF THE DECK INSERT A T-NUT INTO THE BACKSIDE OF THE 3/8" HOLES ON THE BOTTOM PANEL BOARD.

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

5: WHEN THE 90˚ BRACKETS ARE SECURE, AND THE LADDER IS IN ITS FINAL POSITION TIGHTEN THE 5/16" X 1-1/2" BOLTS ON THE INSIDE OF THE LADDER SIDES.





STEP 19: FRONT PANEL SLATS

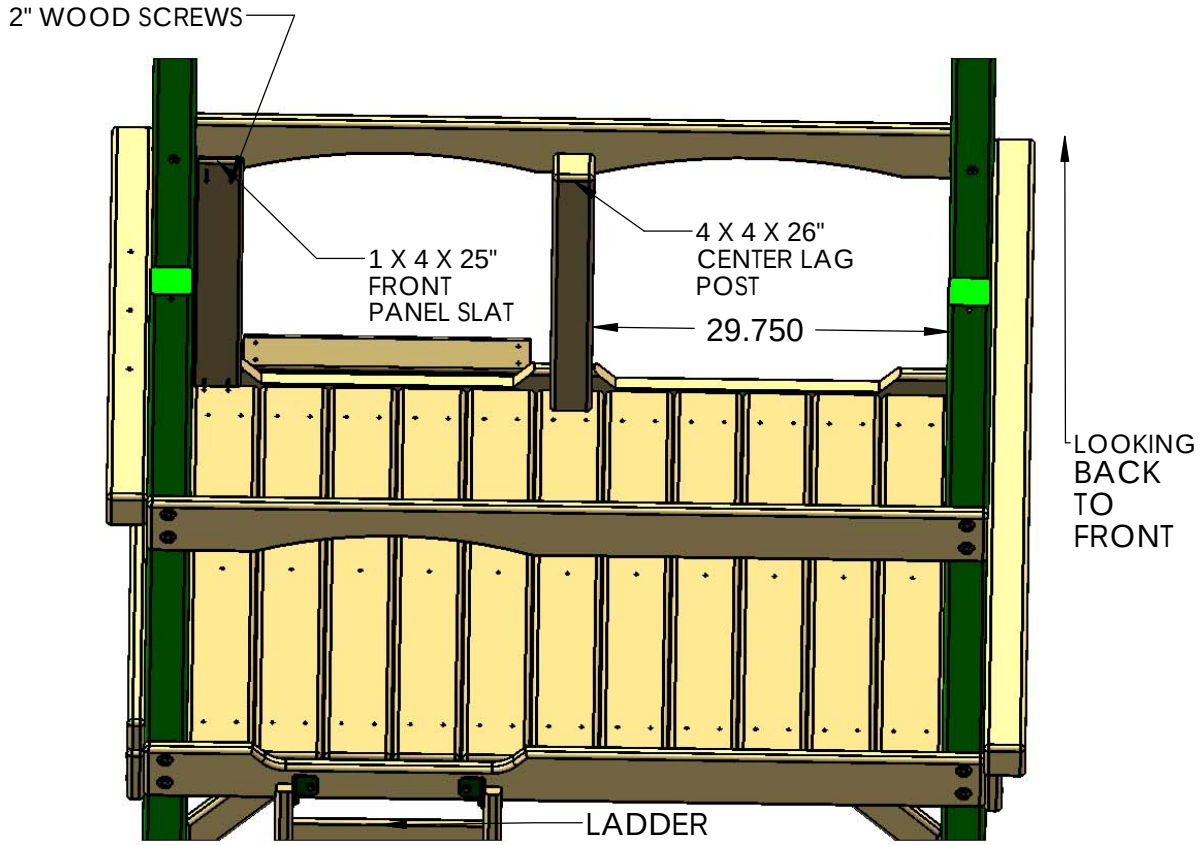
1: FIND ONE 1 X 4 X 25" FRONT PANEL SLATS AND ONE 4 X 4 X 26" CENTER POST.

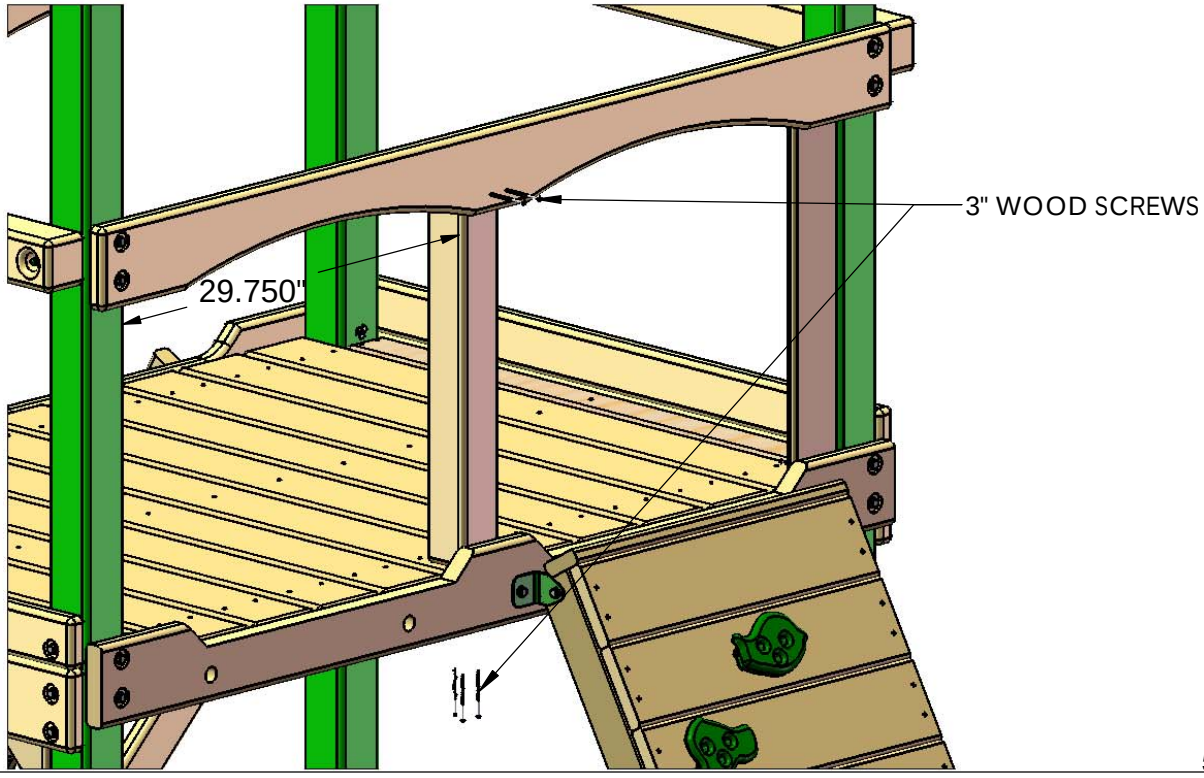
2: PREDRILL THE SLAT 1" FROM EACH END WITH TWO HOLES EQUALLY SPACED WITH A 1/8" DRILL BIT

3: INSTALL THE PANEL SLAT AS SHOWN ON THE FIGURE BELOW AND ATTACH WITH 2" WOOD SCREWS.

4: PLACE THE 4 X 4 X 26" CENTER POST 29-3/4" AWAY FROM THE LEFT FRONT CORNER POST AS SHOWN.

5: ATTACH THE CENTER POST TO THE TOP PANEL BOARD WITH TWO 3" WOOD SCREWS. GO UNDERNEATH THE DECK TO ATTACH THE CENTER POST TO THE DECK BOARD WITH THREE 3" WOOD SCREWS.





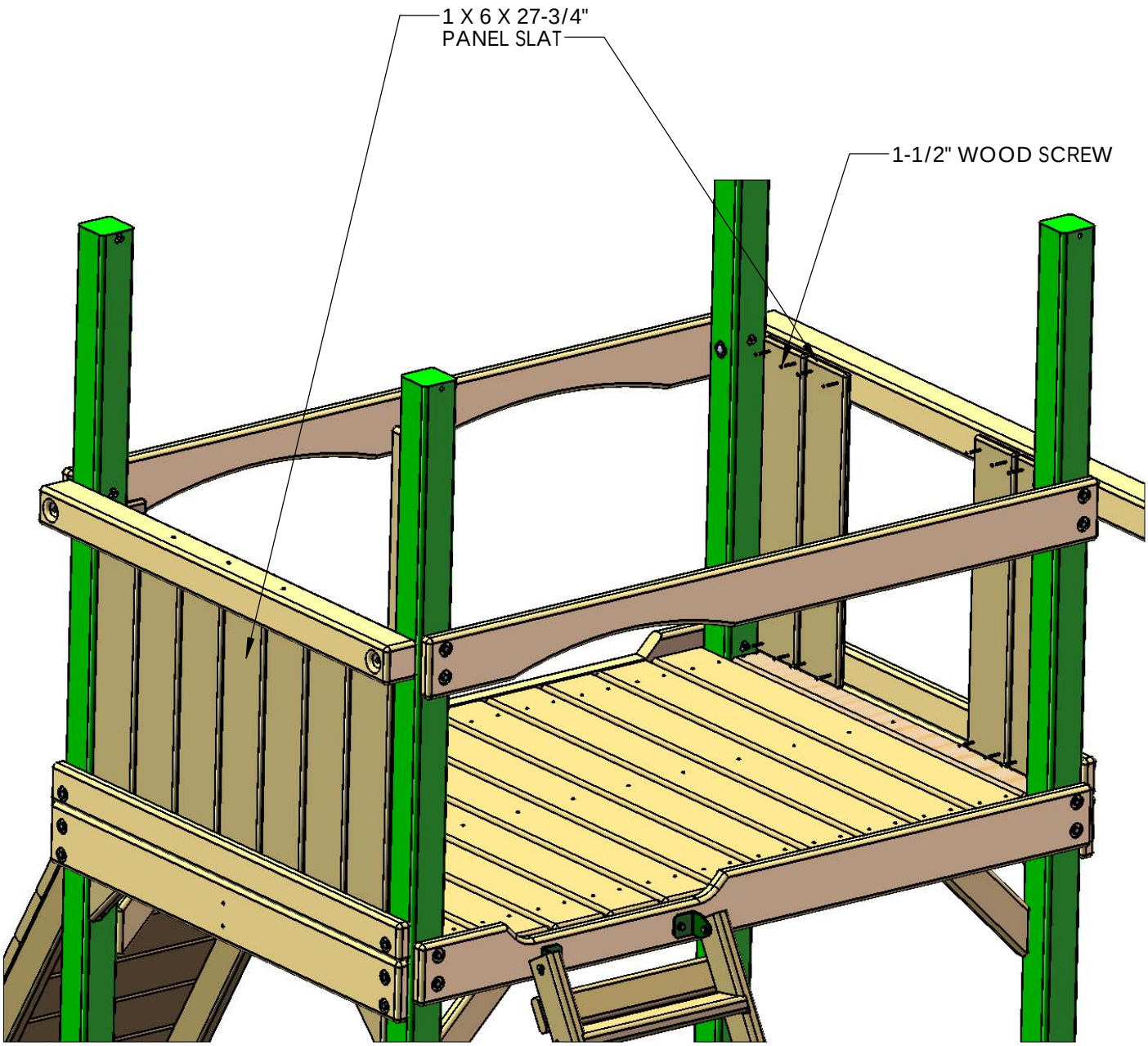
STEP 20: SIDE PANEL SLATS

1: FIND ELEVEN 1 X 6 X 27-3/4" PANEL SLATS.

2: PRE-DRILL THE PANEL SLATS 1" FROM EACH END WITH TWO EQUALLY SPACED HOLES WITH A 1/8" DRILL BIT.

3. INSTALL THE PANEL SLATS AS SHOWN LEAVING 1/4" GAP BETWEEN EACH PANEL SLAT OR A 1/4" GAP BETWEEN THE CORNER POST AND PANEL SLAT.

4. ATTACH THE PANEL SLATS TO THE PLAY SET WITH 1-1/2" WOOD SCREWS IN THE PREDRILLED HOLES.



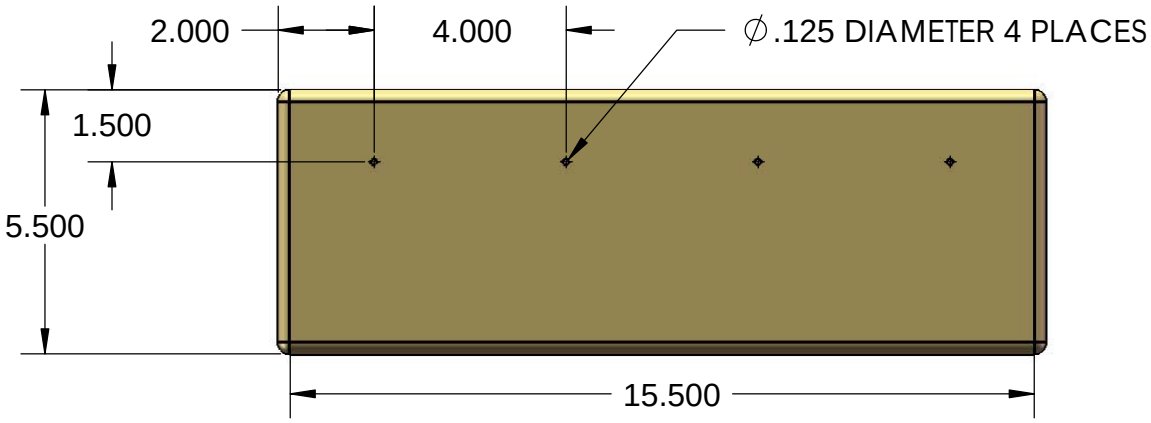
STEP 21: TIC TAC TOE SUPPORT

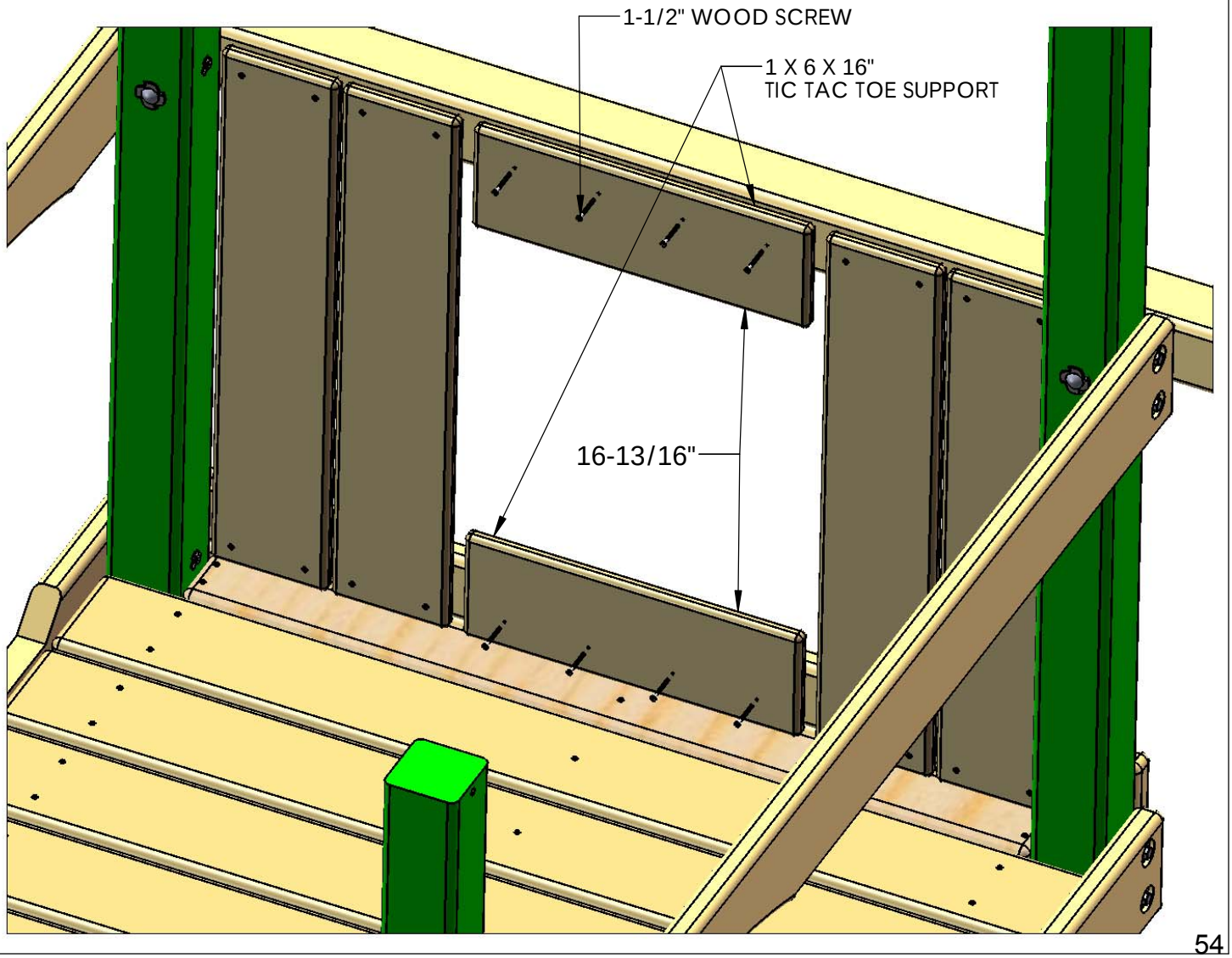
1:FIND TWO 1 X 6 X 16" TIC TAC TOE SUPPORT SLATS.

2: PRE-DRILL THE SLATS 2" FROM EACH END, AND 4" OVER FROM THE FIRST HOLE AS SHOWN ON THE DIAGRAM USING A 1/8" DRILL BIT.

3: INSTALL THE SLATS IN THE GAP LEFT FROM THE PREVIOUS INSTALLATION LEAVING A 3/4" GAP ON THE END.

4: ATTACH THE PANEL SLATS TO THE FORT WITH 1-1/2" WOOD SCREWS IN THE PRE-DRILLED HOLES LEAVING A 16-13/16" OPENING BETWEEN THE TIC TAC TOE SUPPORT SLATS.





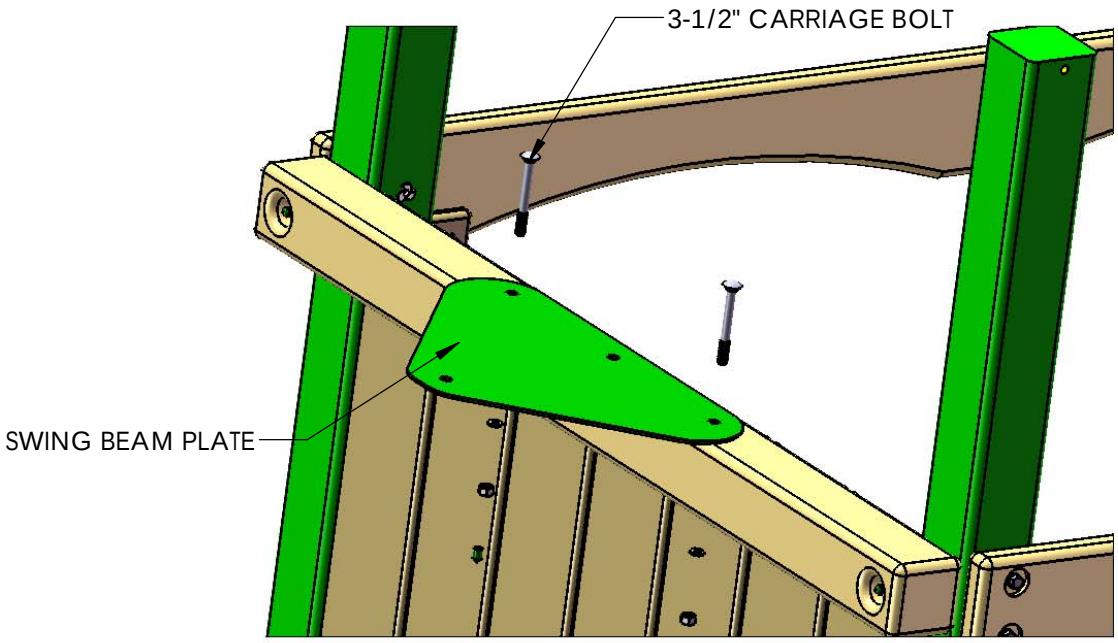
STEP 22: SWING BEAM PLATE

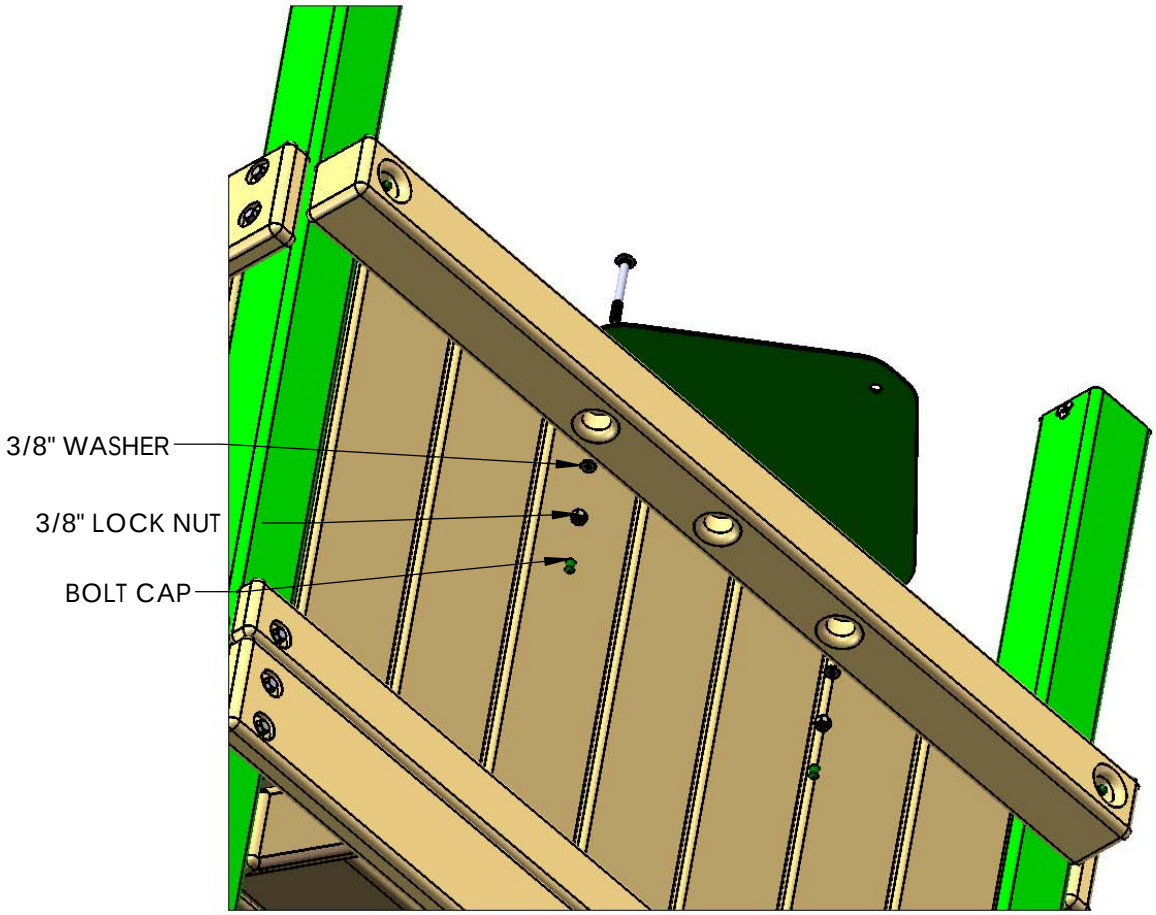
1: PLACE THE SWING BEAM PLATE ON TOP OF THE SWING BEAM SUPPORT, LINING UP THE PILOT HOLES.

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

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

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



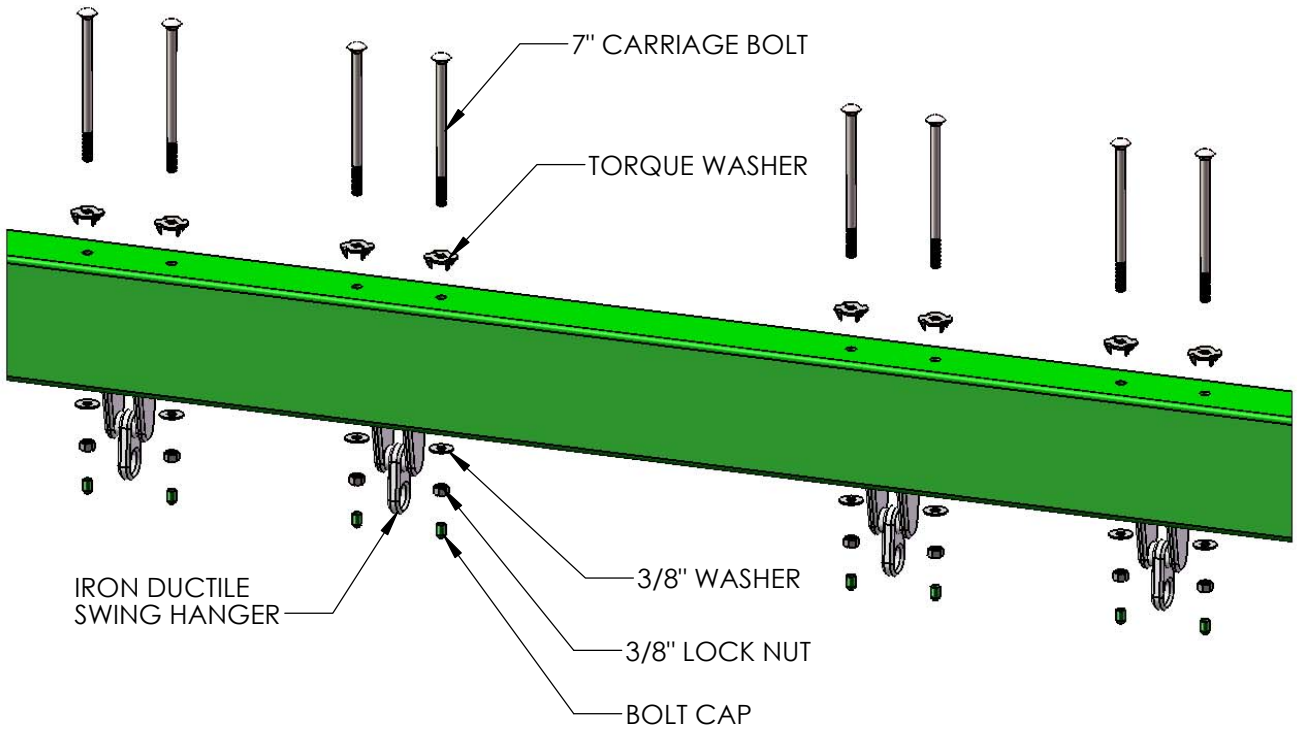


STEP 23: IRON DUCTILES

1: LINE UP THE HOLES OF THE IRON DUCTILES WITH THE HOLES IN THE SWING BEAM.

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

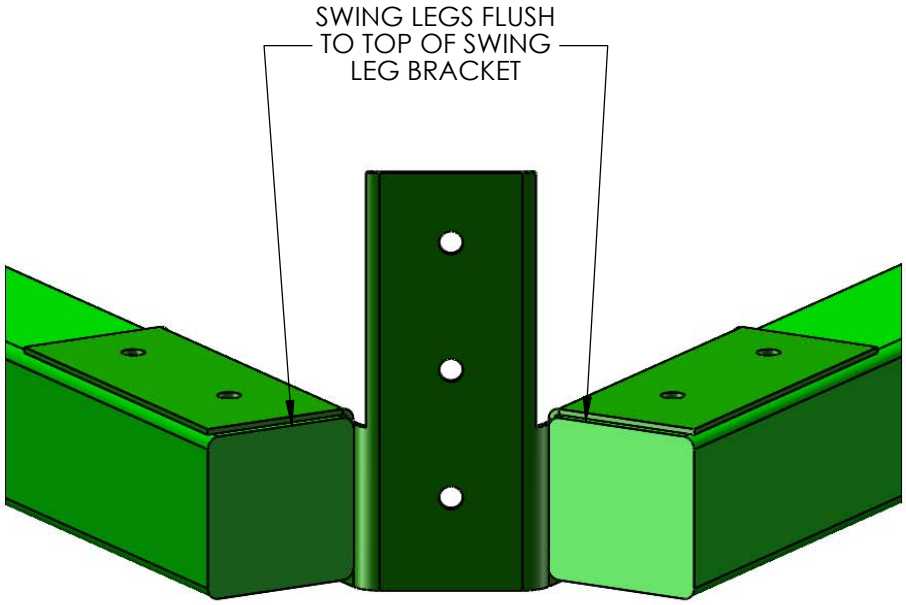
3: PLACE BOLT CAPS OVER EXPOSED THREADS.

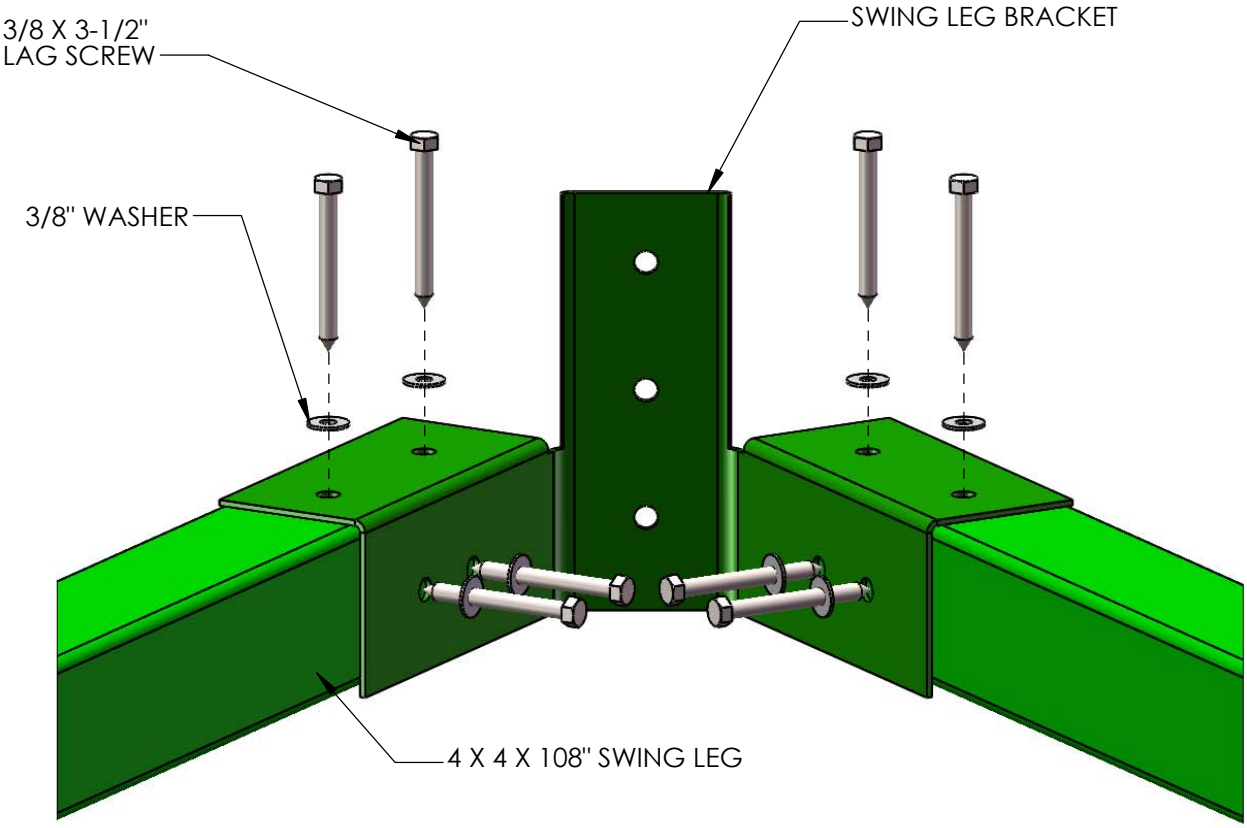


STEP 24: ATTACH SWING LEGS TO BRACKET

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.



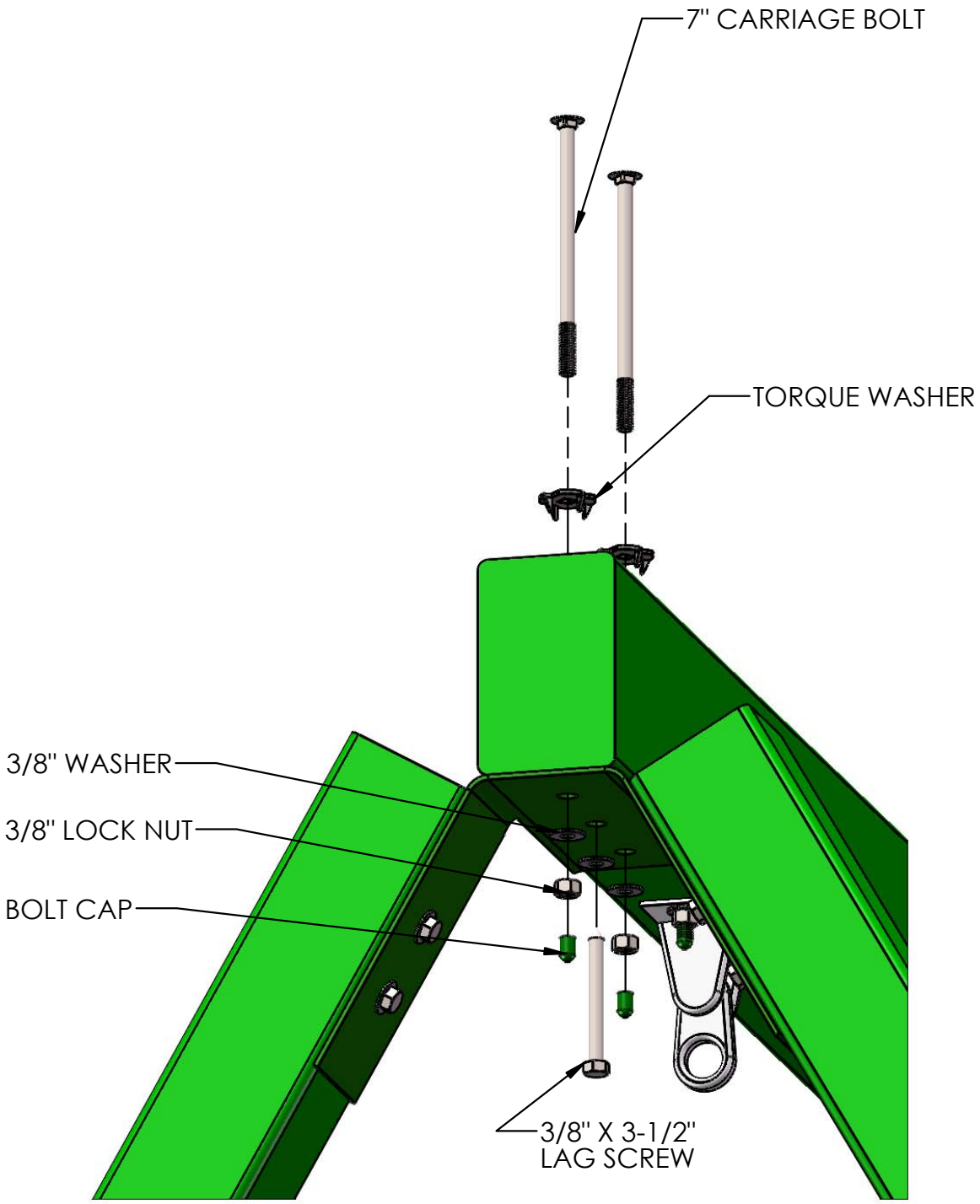


STEP 25: MOUNT SWING BEAM TO SWING BEAM LEGS

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 26: MOUNT SWING BEAM TO FORT

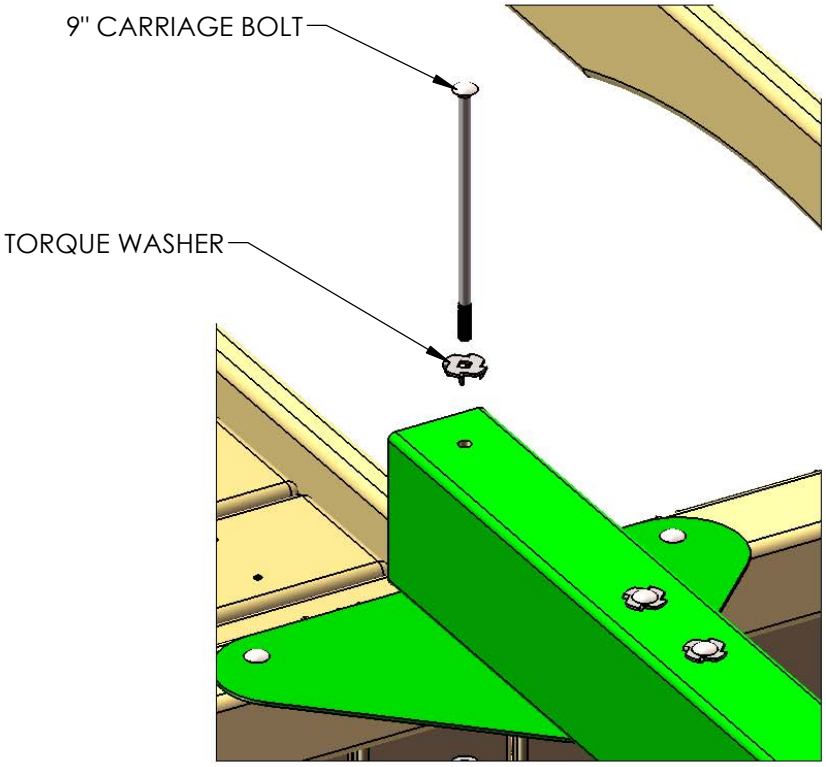
AN EXTRA PERSON IS NEEDED FOR THIS STEP.

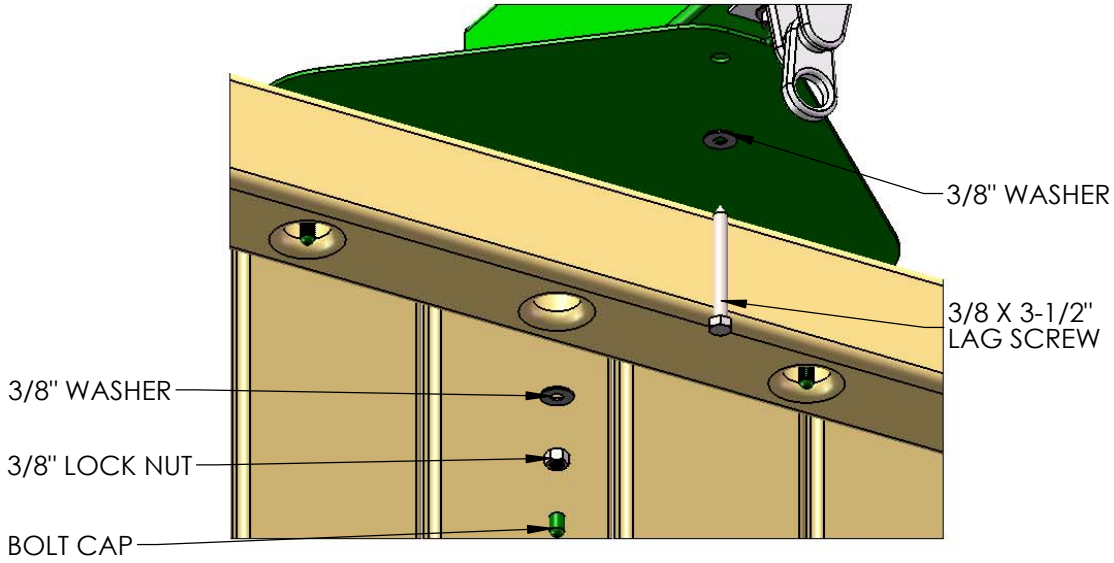
1: HAVE ONE PERSON WALK THE SWING BEAM OUT TO THE END OF THE FORT FROM INSIDE THE FORT WHILE THE OTHER PERSON CARRIES IT BY THE LEGS.

2: LINE UP THE PILOT HOLES AT THE END OF THE SWING BEAM WITH THE MIDDLE HOLES 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 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.





STEP 27: 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.

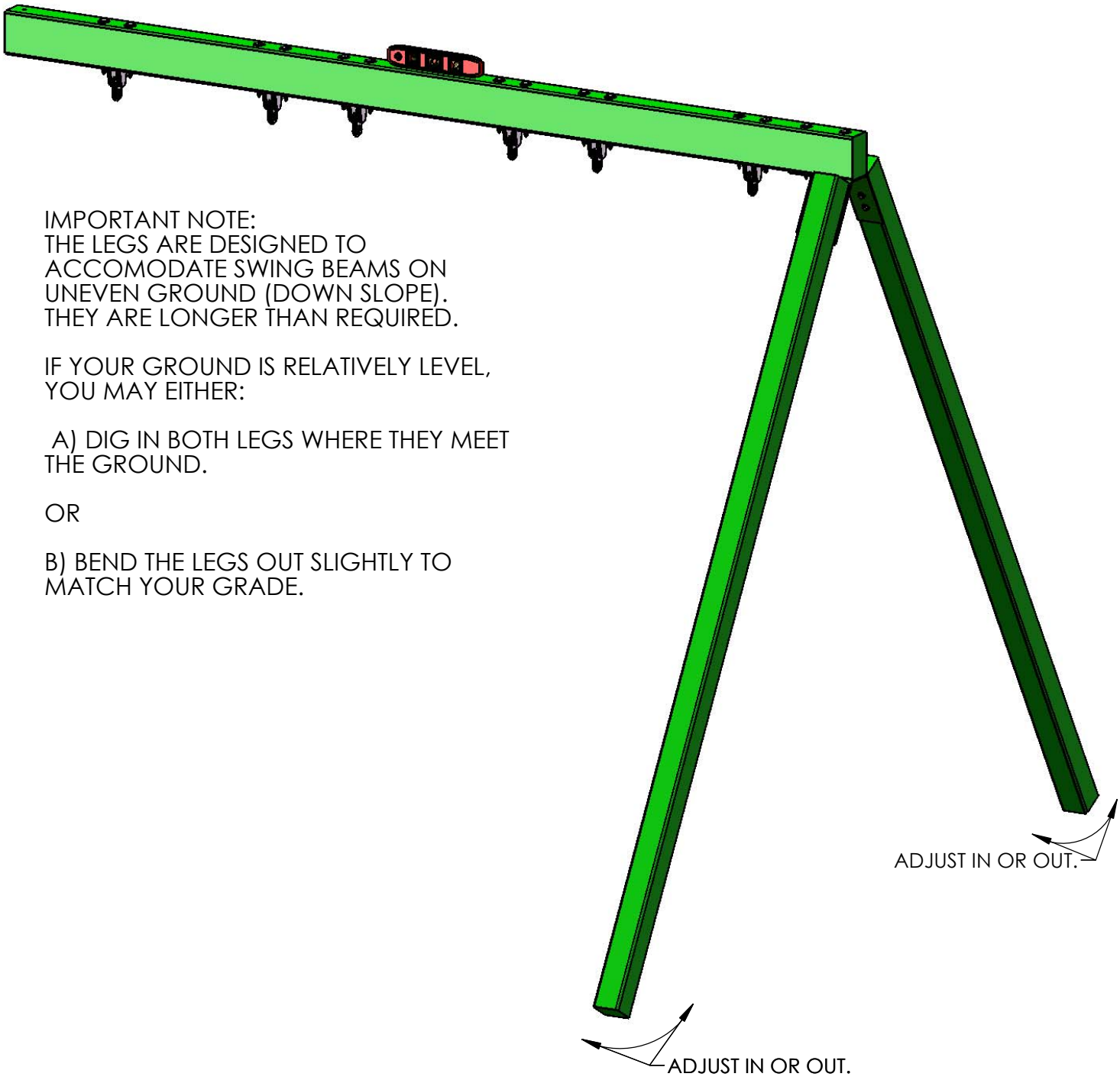
IMPORTANT NOTE:
THE LEGS ARE DESIGNED TO ACCOMODATE SWING BEAMS ON UNEVEN GROUND (DOWN SLOPE). THEY ARE LONGER THAN REQUIRED.

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.

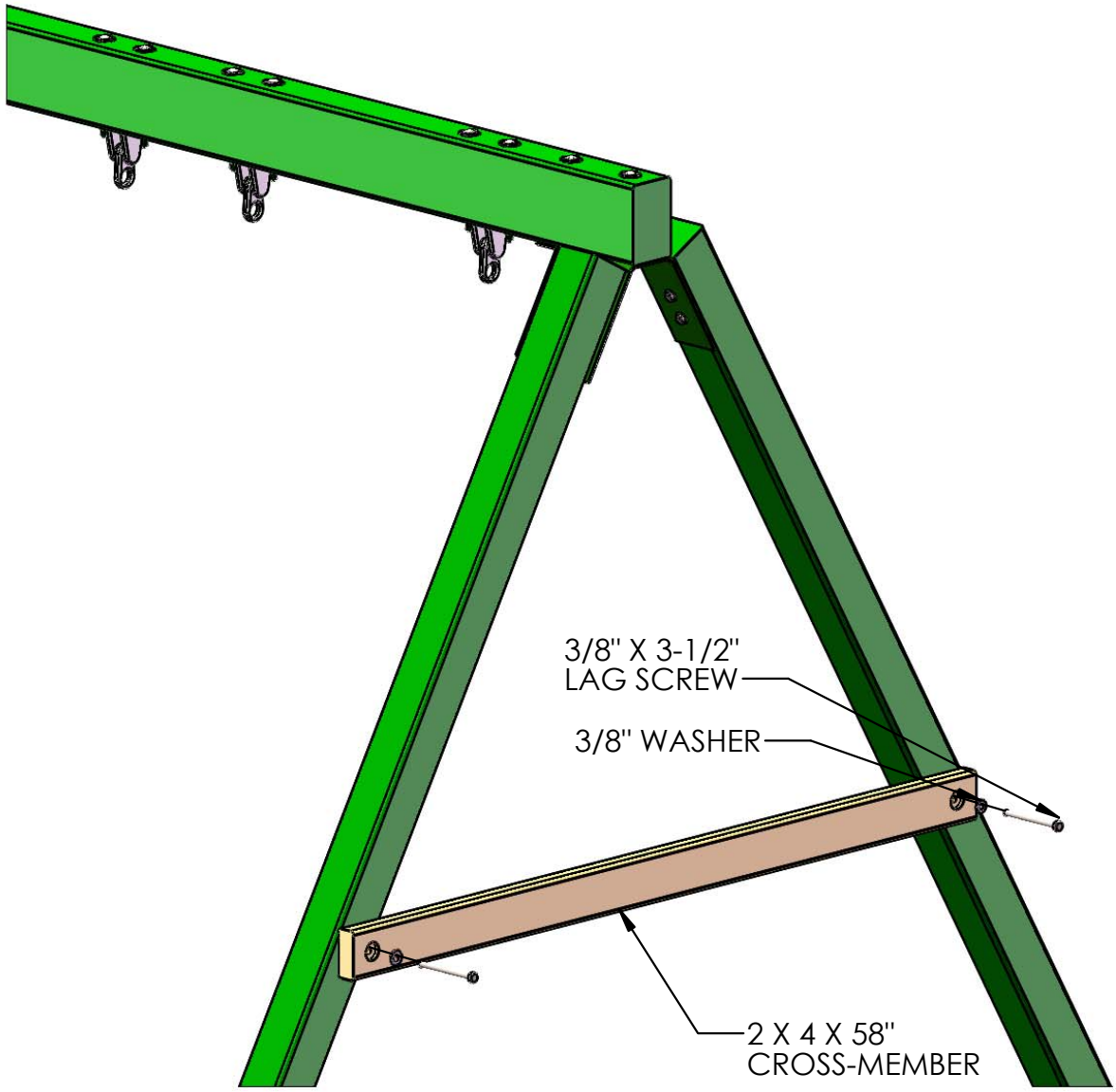


STEP 28: SWING LEG CROSS-MEMBER

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

2: LEVEL THE 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.



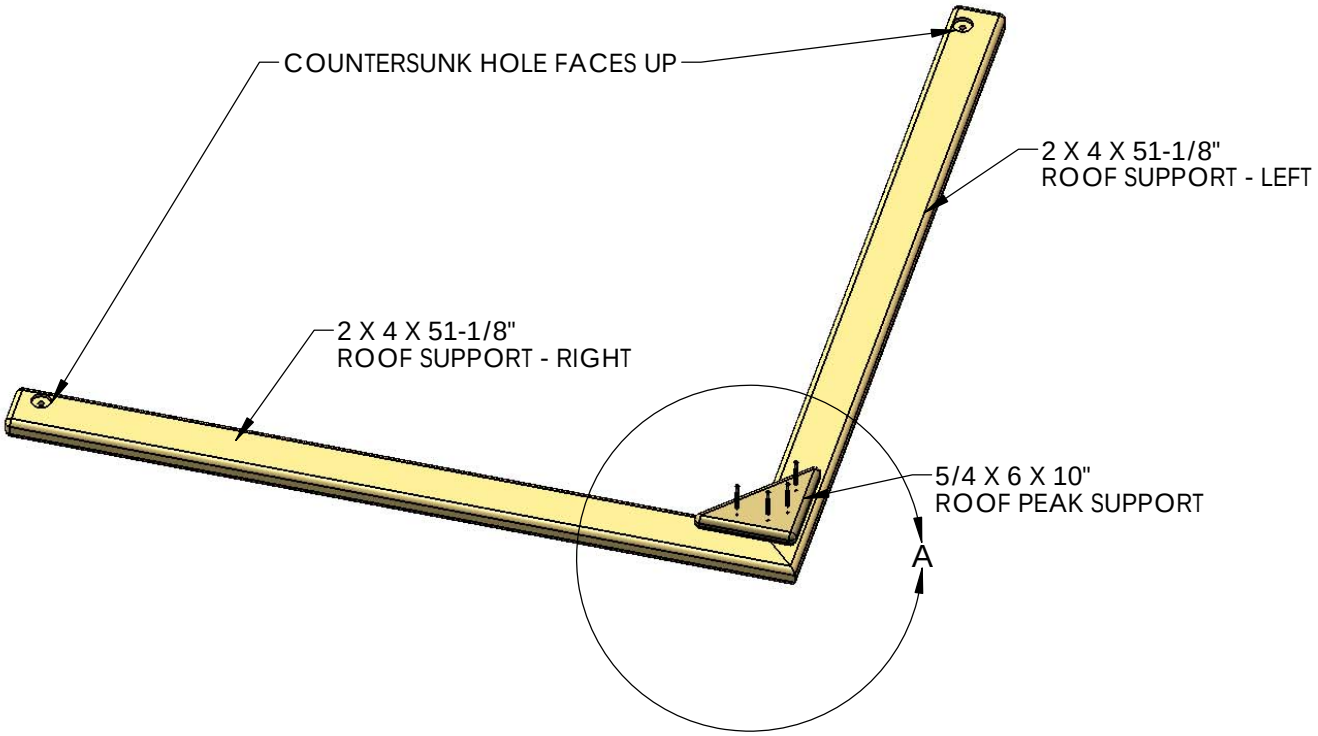
STEP 29: ROOF SUPPORT ASSEMBLIES

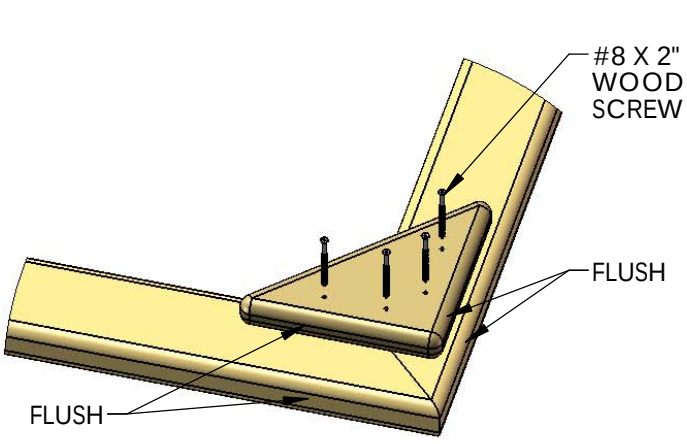
1: LOCATE TWO 2 X 4 X 51-1/8" ROOF SUPPORT (LEFT), TWO 2 X 4 X 51-1/8" ROOF SUPPORT (RIGHT) AND TWO 5/4 X 6 X 10" ROOF PEAK SUPPORT PIECES.

2: FIND A FLAT SURFACE TO WORK ON. LAY THE ROOF SUPPORTS DOWN ON THE FLAT SURFACE WITH THE **COUNTERSUNK HOLES FACING UP**. 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.

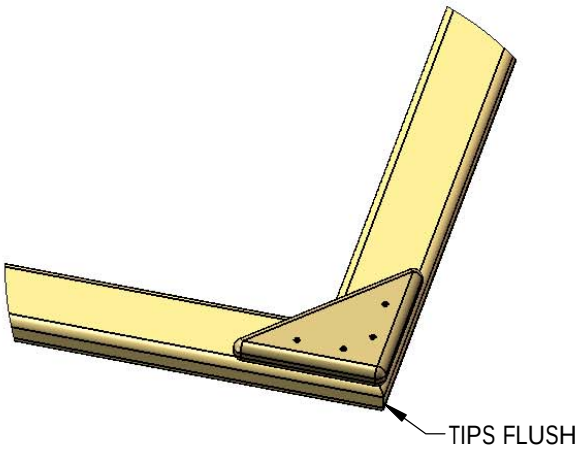
3: USE FOUR #8 X 2" WOOD SCREWS TO ATTACH THE ROOF PEAK SUPPORT TO THE ROOF SUPPORTS AS SHOWN BELOW.

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





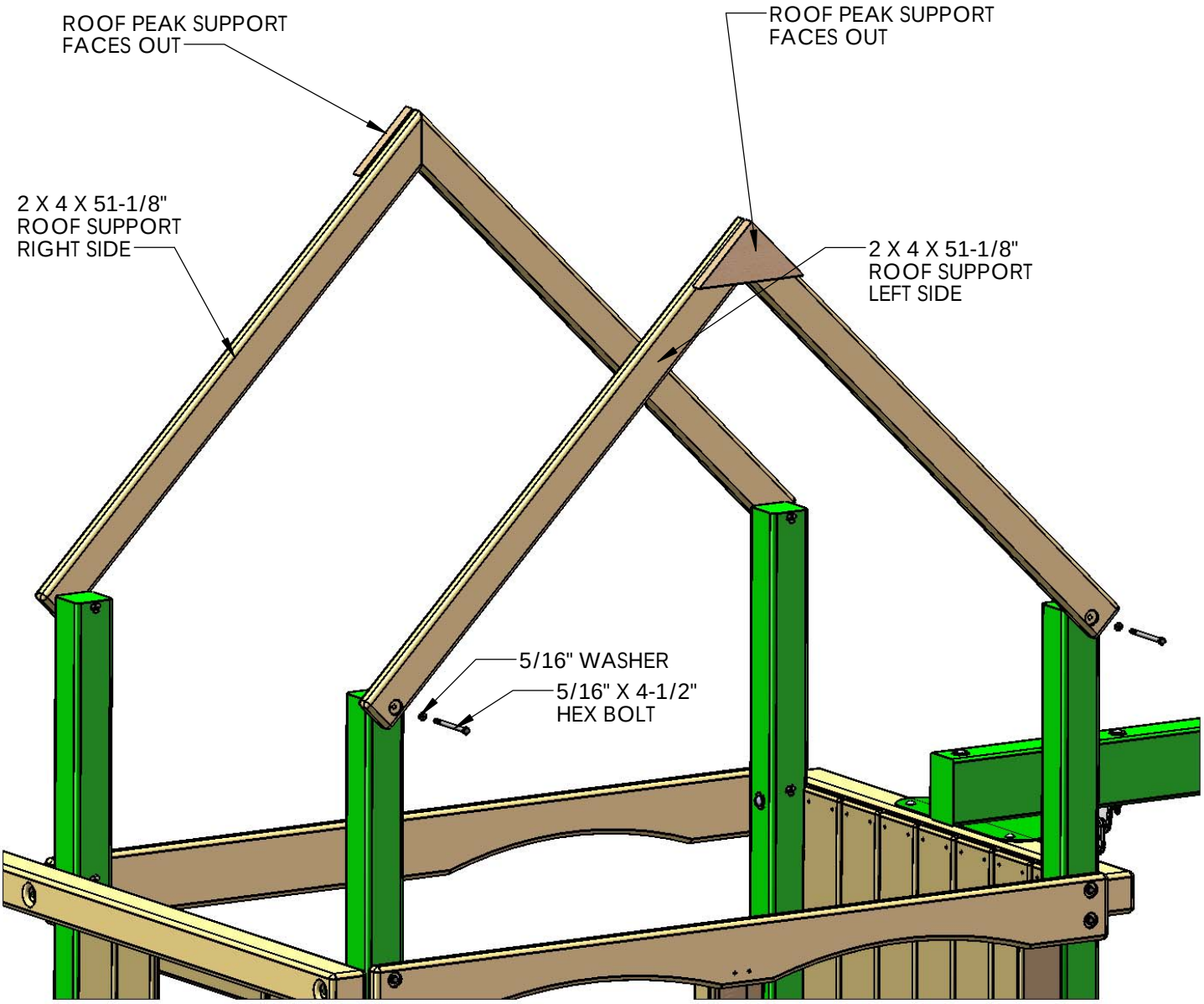
DETAIL A



STEP 30: ROOF SUPPORT

1: ATTACH THE ROOF SUPPORT ASSEMBLIES TO THE FORT WITH 5/16" X 4-1/2" HEX BOLTS AND 5/16" WASHERS.

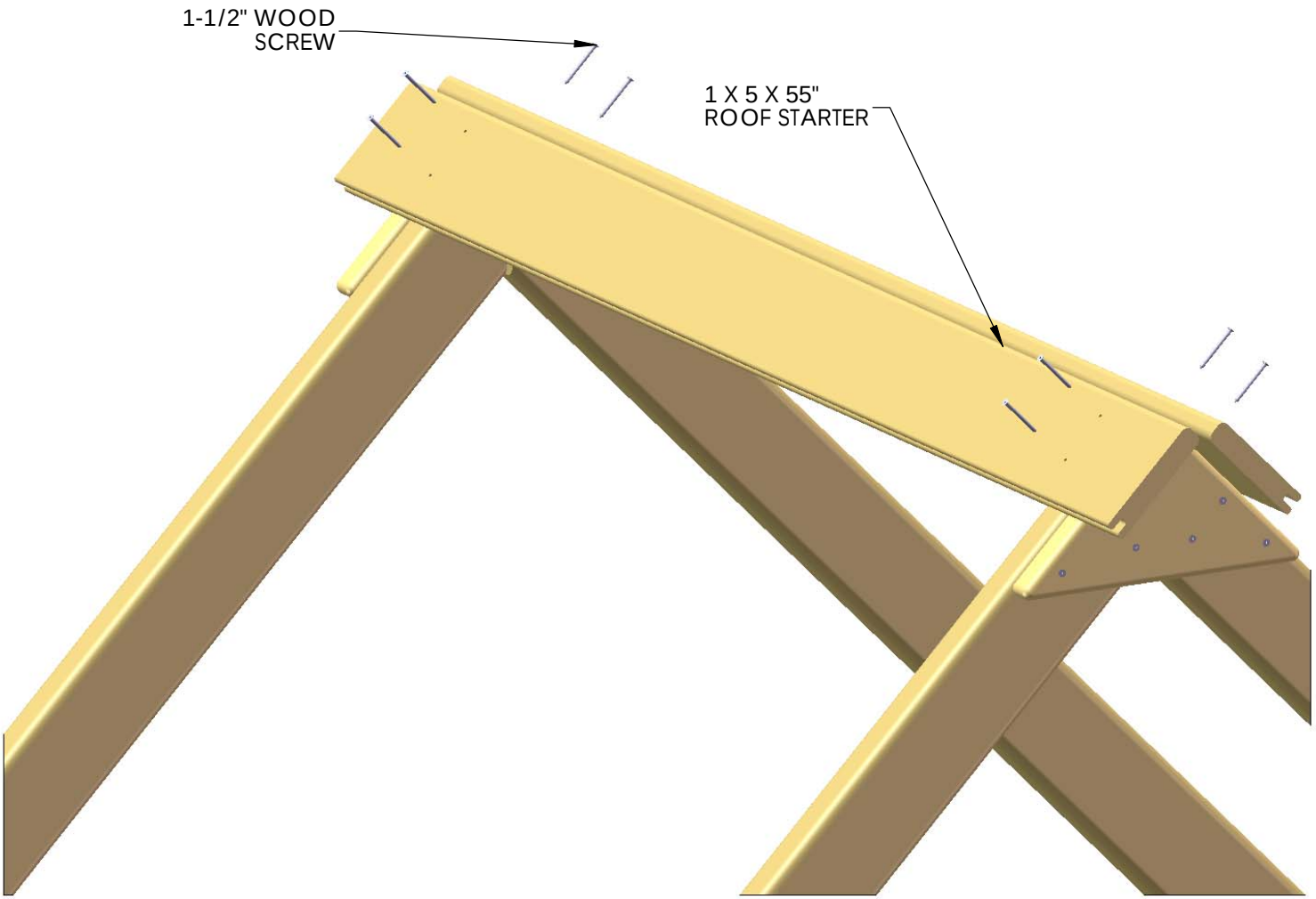
NOTE: THE ROOF PEAK SUPPORTS (TRIANGLES) SHOULD FACE OUT.



STEP 31: ROOF

1: PLACE THE 1 X 5 X 55" GROOVE-ONLY ROOF STARTER BOARDS AT THE PEAK OF THE ROOF. THE HOLES IN THE ROOF STARTERS SHOULD BE CENTERED ON THE ROOF SUPPORTS, AND THE FLAT ENDS OF THE ROOF STARTERS SHOULD BE PLACED AS CLOSE TO EACH OTHER AS POSSIBLE WITHOUT THE BOARDS OVERLAPPING.

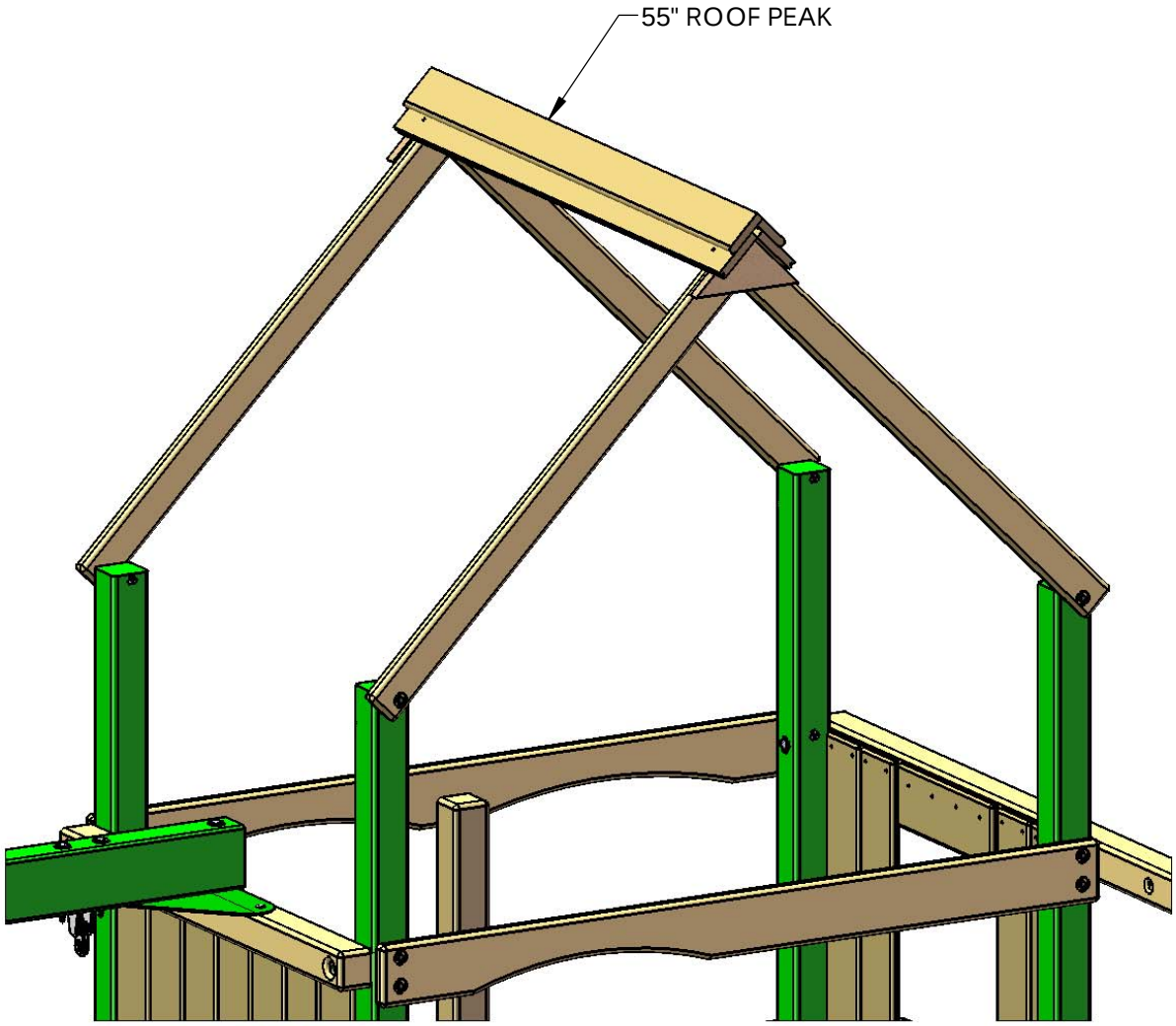
2: FASTEN THE ROOF STARTER BOARDS TO THE ROOF SUPPORTS WITH 1-1/2" WOOD SCREWS.



STEP 32: ROOF PEAK

1: PLACE THE 55" ROOF PEAK ON TOP OF THE ROOF STARTER BOARDS.

2: FASTEN THE ROOF PEAK TO THE ROOF STARTER BOARDS WITH EIGHT 1-1/4" WOOD SCREWS.



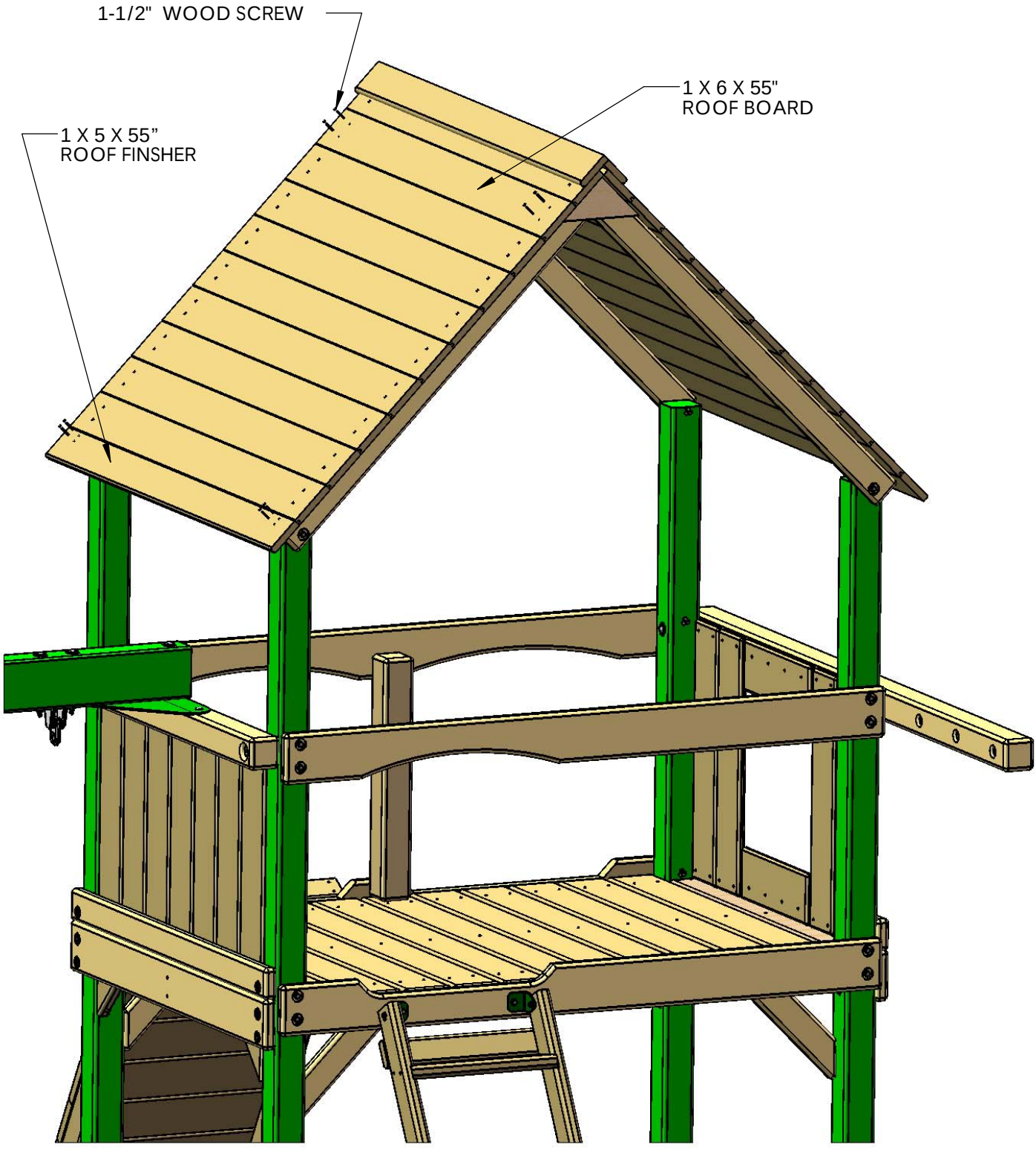
STEP 33: ROOF

1: PLACE THE 1 X 6 X 55" ROOF BOARDS ON TOP OF THE ROOF SUPPORTS, FITTING THE TONGUE INTO THE GROOVE END OF THE ROOF STARTERS. EACH SIDE OF THE ROOF GETS NINE ROOF BOARDS.

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

3: PLACE A 1 X 5 X 55" ROOF FINISHER AT THE END OF THE ROOF ASSEMBLY, AND FASTEN WITH 1-1/2" WOOD SCREWS. EACH SIDE OF THE ROOF GETS ONE ROOF FINISHER.

4: REPEAT SUBSTEPS 1-3 FOR THE OTHER SIDE OF THE ROOF.



STEP 34: SUNBURST BOARD

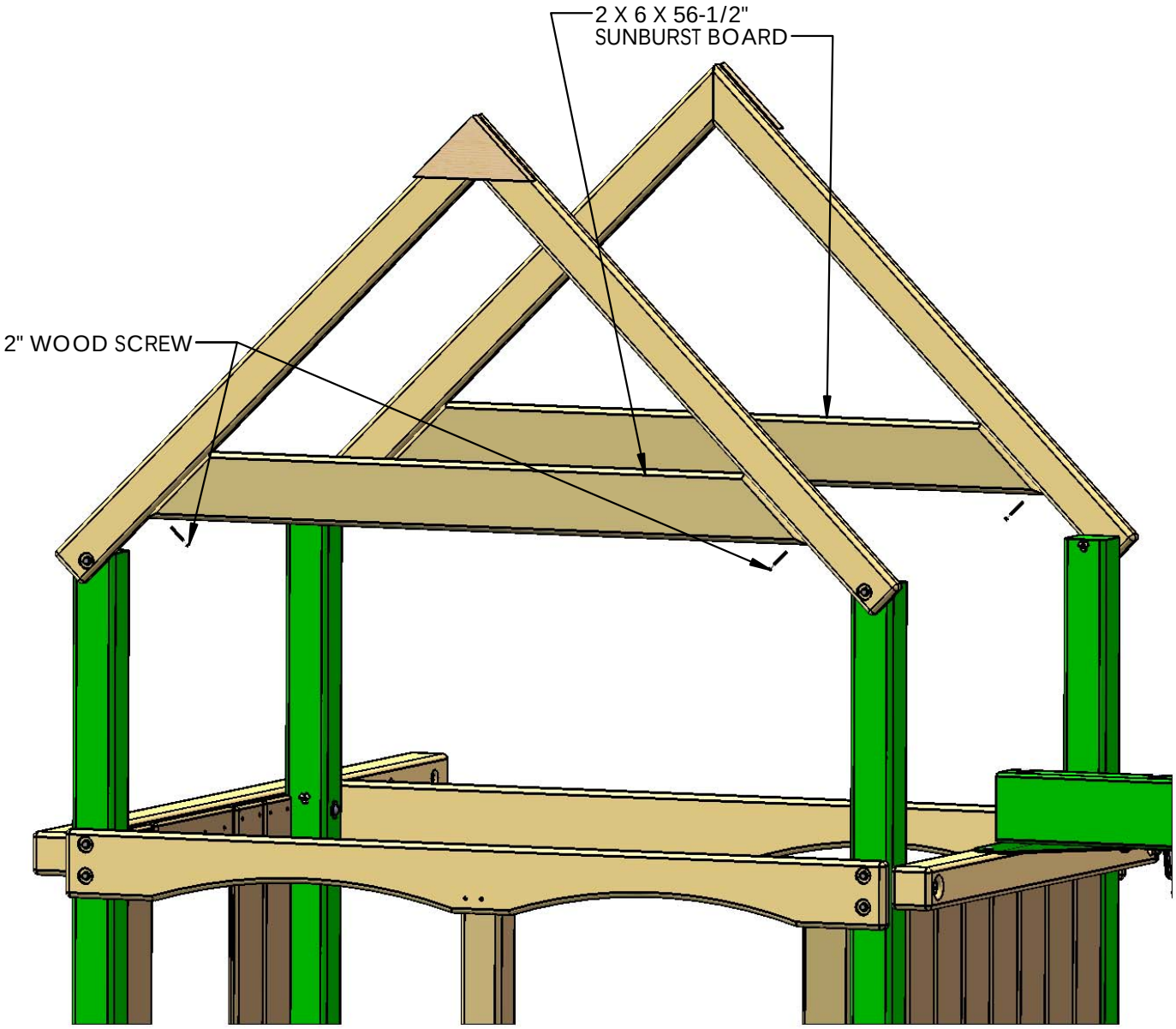
1: FIND TWO 2 X 6 X 56-1/2" SUNBURST BOARDS.

2: PRE-DRILL A HOLE ON BOTH ENDS OF THE BOARD AT A 45 DEGREE ANGLE THROUGH THE BOARD AT 1-1/4" FROM THE END OF THE BOARD WITH A 1/8" DRILL BIT.

3: PLACE BOARD IN BETWEEN THE ROOF SUPPORTS.

4: INSTALL USING 2" WOOD SCREWS.

ROOF PANELS REMOVED FOR CLARITY.



STEP 35: BOTTOM SUNBURST BOARD

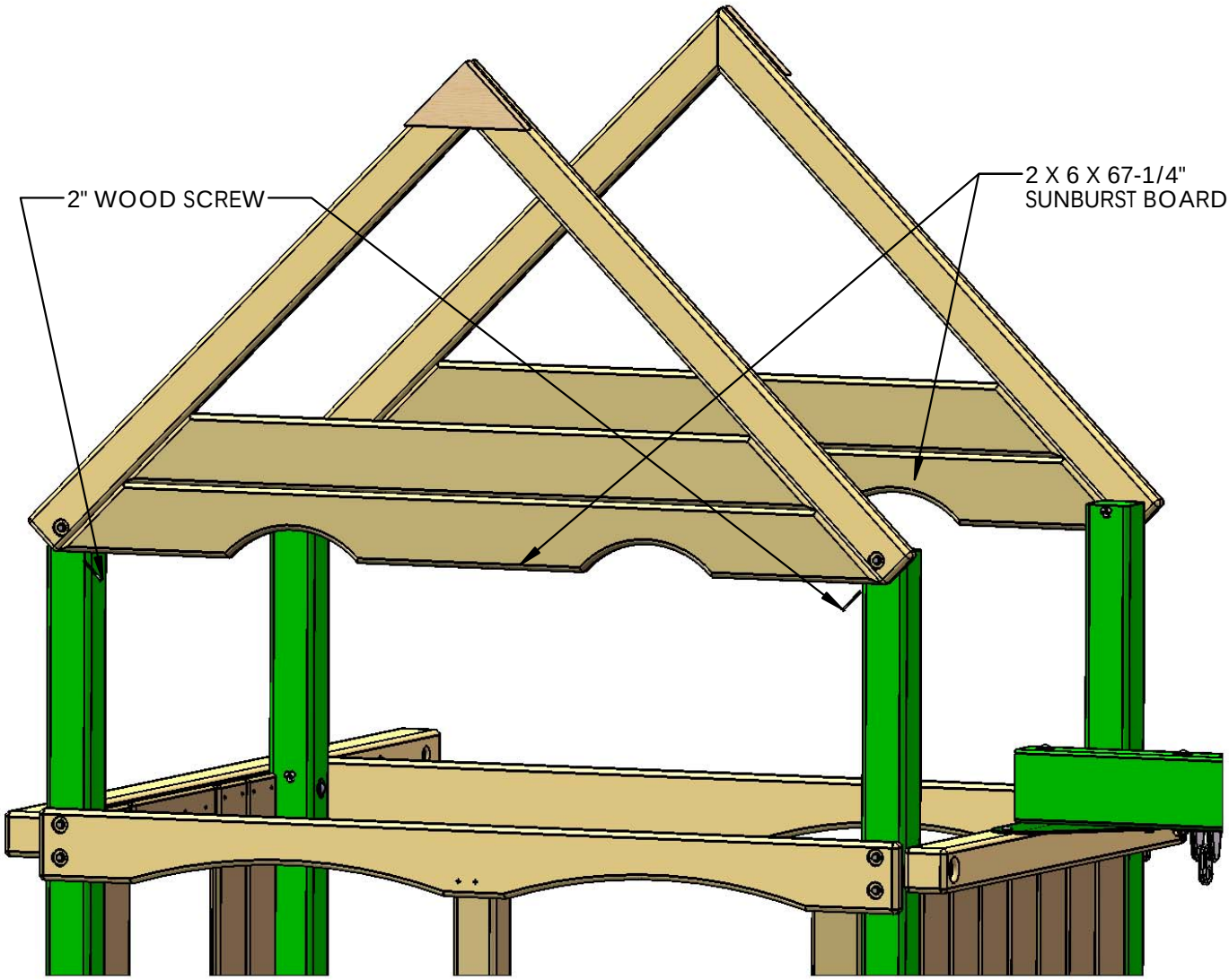
1: FIND TWO 2 X 6 X 67-1/4" SUNBURST BOARDS.

2: PRE-DRILL A HOLE ON BOTH ENDS OF THE BOARD AT A 45 DEGREE ANGLE THROUGH THE BOARD AT 1-1/4" FROM THE END OF THE BOARD WITH A 1/8" DRILL BIT.

3: PLACE BOARD IN BETWEEN THE ROOF SUPPORTS.

4: INSTALL USING 2" WOOD SCREWS.

ROOF BOARDS REMOVED FOR CLARITY.



STEP 36: FRONT TOP PANEL SLATS

1: FIND SIX 1 X 6 X 26" AND TWO 1 X 4 X 26" FRONT PANEL SLATS.

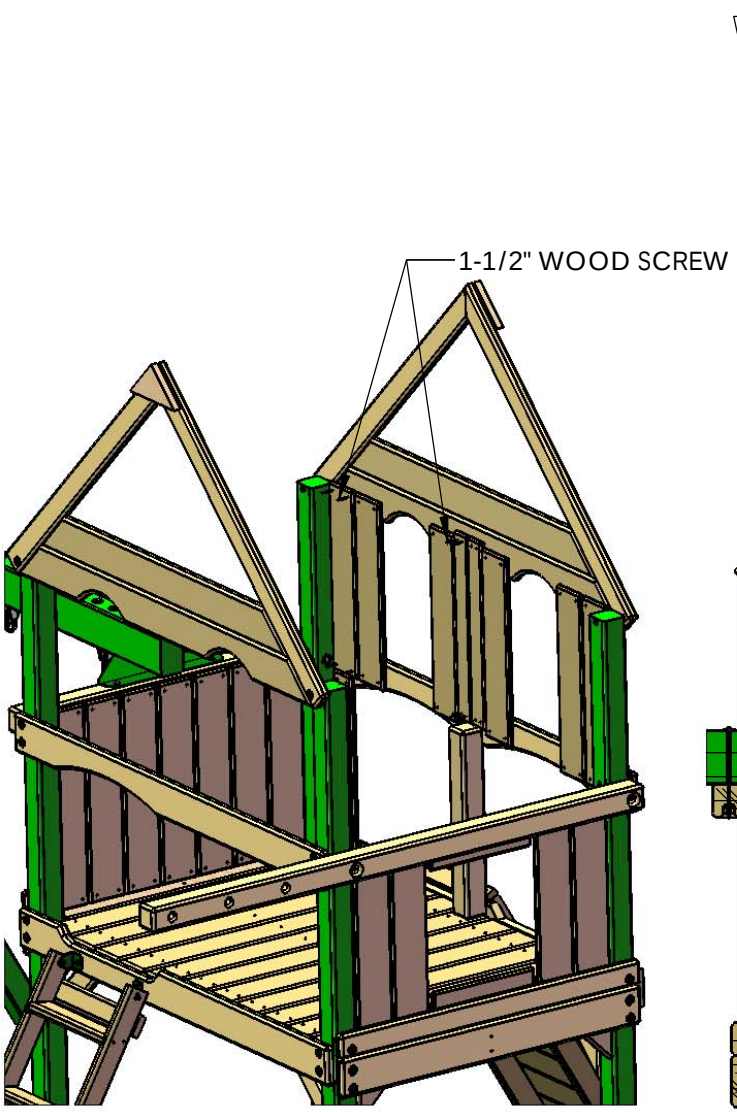
2: PRE-DRILL THE SLATS 1" FROM EACH END WITH TWO HOLES EQUALLY SPACED WITH A 1/8" DRILL BIT.

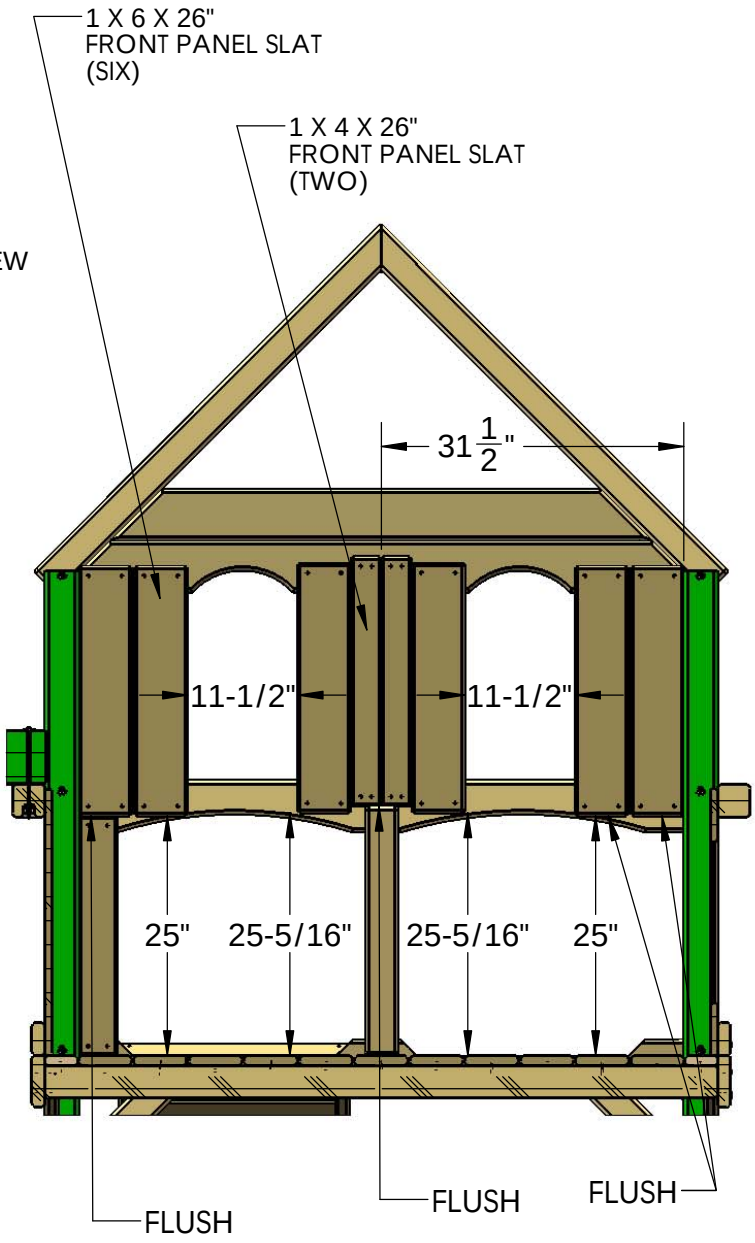
3: INSTALL THE PANEL SLATS AT THE DIMENSIONS SHOWN ON THE DIAGRAM.

4: ATTACH THE SLATS TO THE FORT WITH 1-1/2" WOOD SCREWS IN THE PRE-DRILLED HOLES.

ROOF PANELS REMOVED FOR CLARITY.

VIEW WITH DIMENSIONS IS FROM REAR OF FORT LOOKING FORWARD.





STEP 37: REAR PANEL SLATS

1: FIND FOUR 1 X 6 X 51" REAR PANEL SLATS AND TWO 1 X 4 X 51" REAR PANEL SLATS.

2: PRE-DRILL THE SLATS 1" FROM EACH END WITH TWO HOLES EQUALLY SPACED WITH A 1/8" DRILL BIT

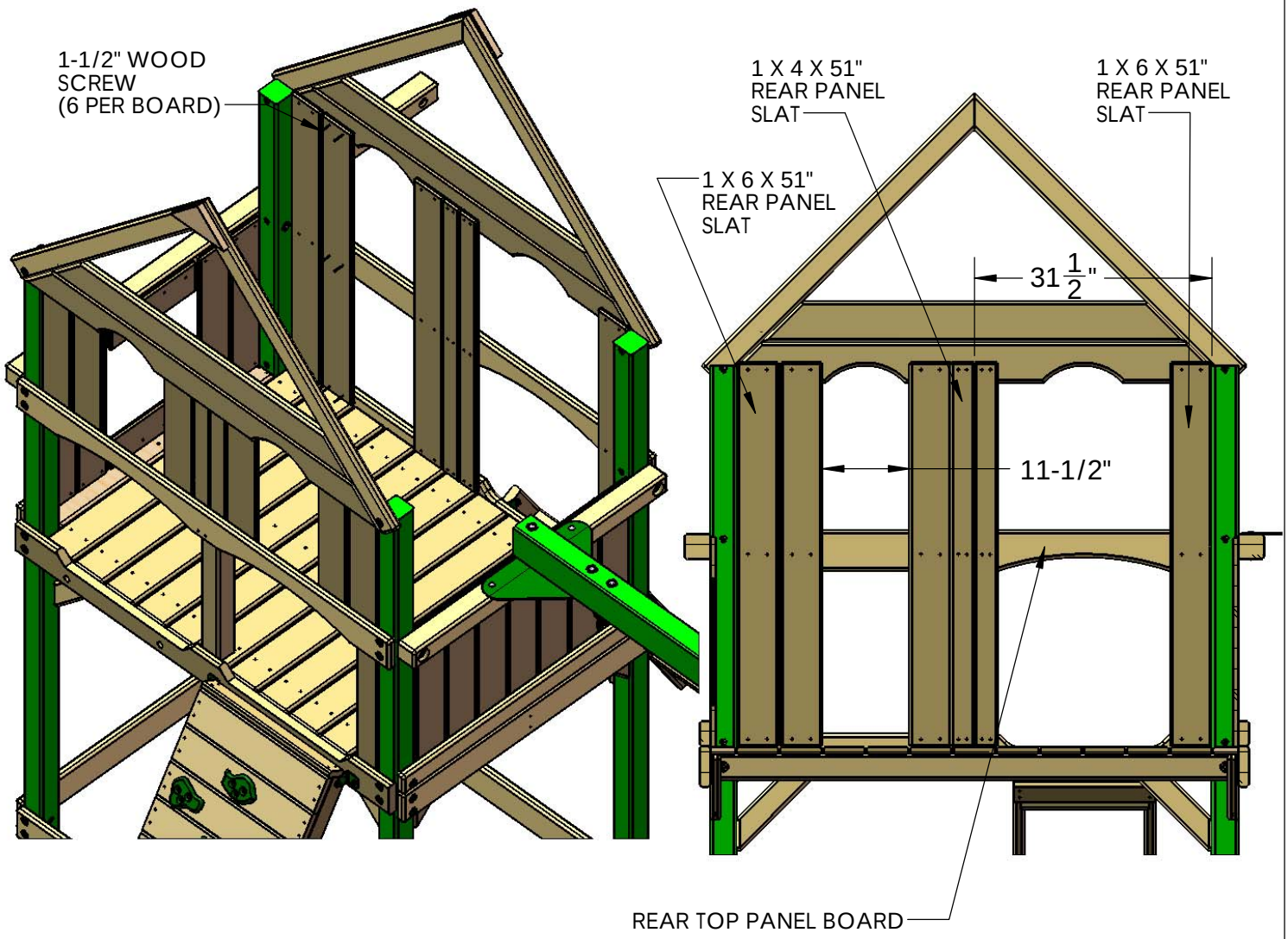
3. INSTALL THE PANEL SLATS AS SHOWN BELOW.

4: ATTACH THE PANEL SLATS TO THE FORT WITH 1-1/2" WOOD SCREWS IN THE PRE-DRILLED HOLES.

5: ONCE THE PANEL SLATS ARE INSTALLED DRILL TWO HOLES IN THE MIDDLE OF EACH SLAT AND ATTACH TO THE REAR TOP PANEL BOARD WITH 1-1/2" WOOD SCREWS.

ROOF PANELS REMOVED FOR CLARITY.

VIEW WITH DIMENSIONS IS FROM FRONT OF FORT LOOKING TOWARDS REAR.



STEP 38: FINAL REAR PANEL BOARDS

1: FIND TWO 1 X 6 X 29-1/2" BOTTOM WINDOW SUPPORT BOARDS AND TWO 1 X 6 X 26" FRONT PANEL SLATS.

2: PRE-DRILL THE 1 X 6 X 29-1/2" BOTTOM WINDOW SUPPORT BOARDS 3/4" FROM THE BOTTOM END AND 4" FROM THE TOP END WITH TWO HOLES EQUALLY SPACED WITH A 1/8" DRILL BIT.

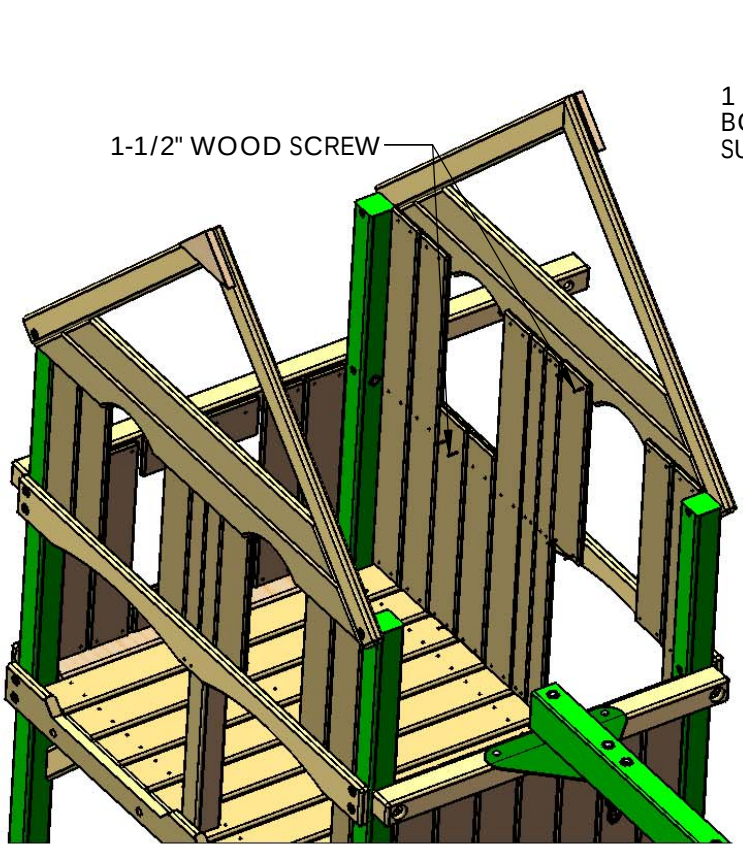
3: INSTALL THE BOTTOM WINDOW SUPPORT BOARDS 5/16" OFF THE DECK AND SPACE THEM EQUALLY IN THE OPENING. ATTACH THE BOARDS WITH 1-1/2" WOOD SCREWS.

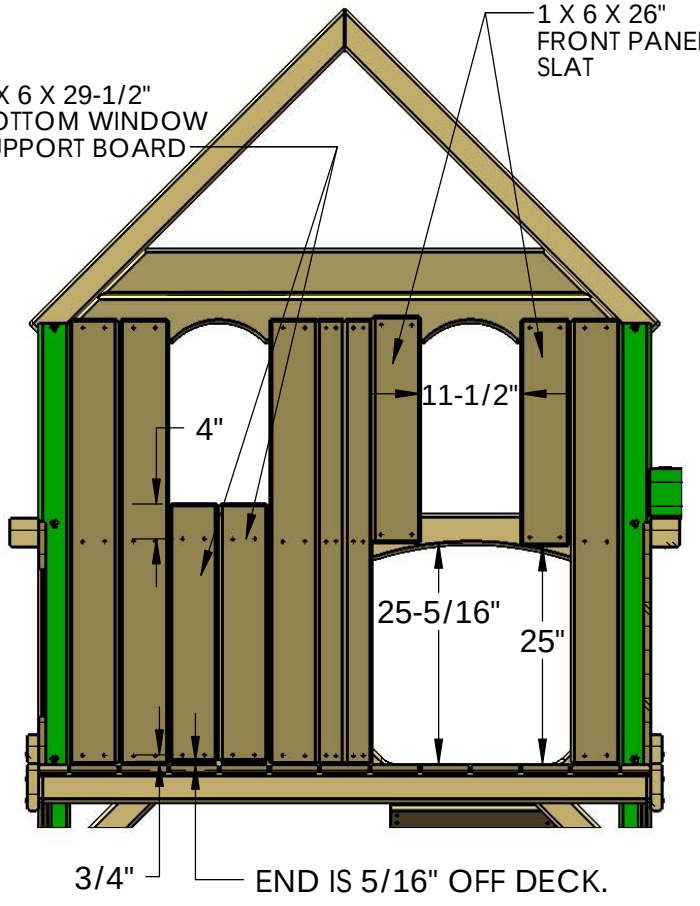
4: PRE-DRILL THE 1 X 6 X 26" FRONT PANEL SLATS 1" FROM EACH END WITH TWO HOLES EQUALLY SPACED WITH A 1/8" DRILL BIT.

5: INSTALL THE LEFT 1 X 6 X 26" FRONT PANEL SLAT 25-5/16" OFF THE DECK AND ATTACH WITH 1-1/2" WOOD SCREWS. INSTALL THE RIGHT 1 X 6 X 26" FRONT PANEL SLAT 25" OFF THE DECK AND ATTACH WITH 1-1/2" WOOD SCREWS. BE SURE TO LEAVE AT LEAST AN 11-1/2" GAP BETWEEN THE SLATS AS SHOWN BELOW.

ROOF PANELS REMOVED FOR CLARITY.

VIEW WITH DIMENSIONS IS FROM FRONT OF FORT LOOKING TOWARDS REAR.





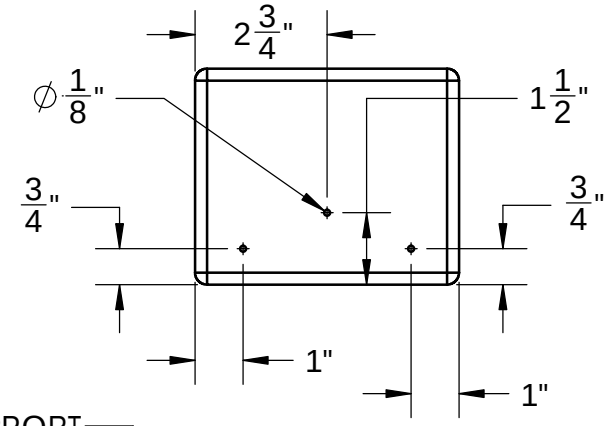
STEP 39: WINDOW SUPPORTS

1: FIND THE SIX 1 X 6 X 4-1/2" BOTTOM WINDOW SUPPORTS. PRE-DRILL THREE 1/8" HOLES IN THE BOTTOM OF EACH SUPPORT AS SHOWN IN THE DIAGRAM.

2: PLACE TWO SUPPORTS IN EACH OF THE TWO OPENINGS IN THE FRONT OF THE FORT, AND THE FINAL TWO SUPPORTS IN THE OPENING AT THE REAR OF THE FORT. THE SUPPORTS SHOULD BE FLUSH WITH THE BOTTOM OF THE CENTER MOUNTED 1 X 6 X 26" FRONT PANEL SLATS AS SHOWN BELOW.

3: ATTACH EACH SUPPORT USING THREE 1-1/2" WOOD SCREWS.

ROOF PANELS REMOVED FOR CLARITY.

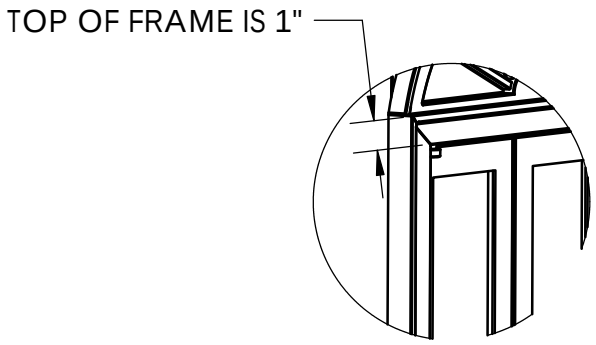


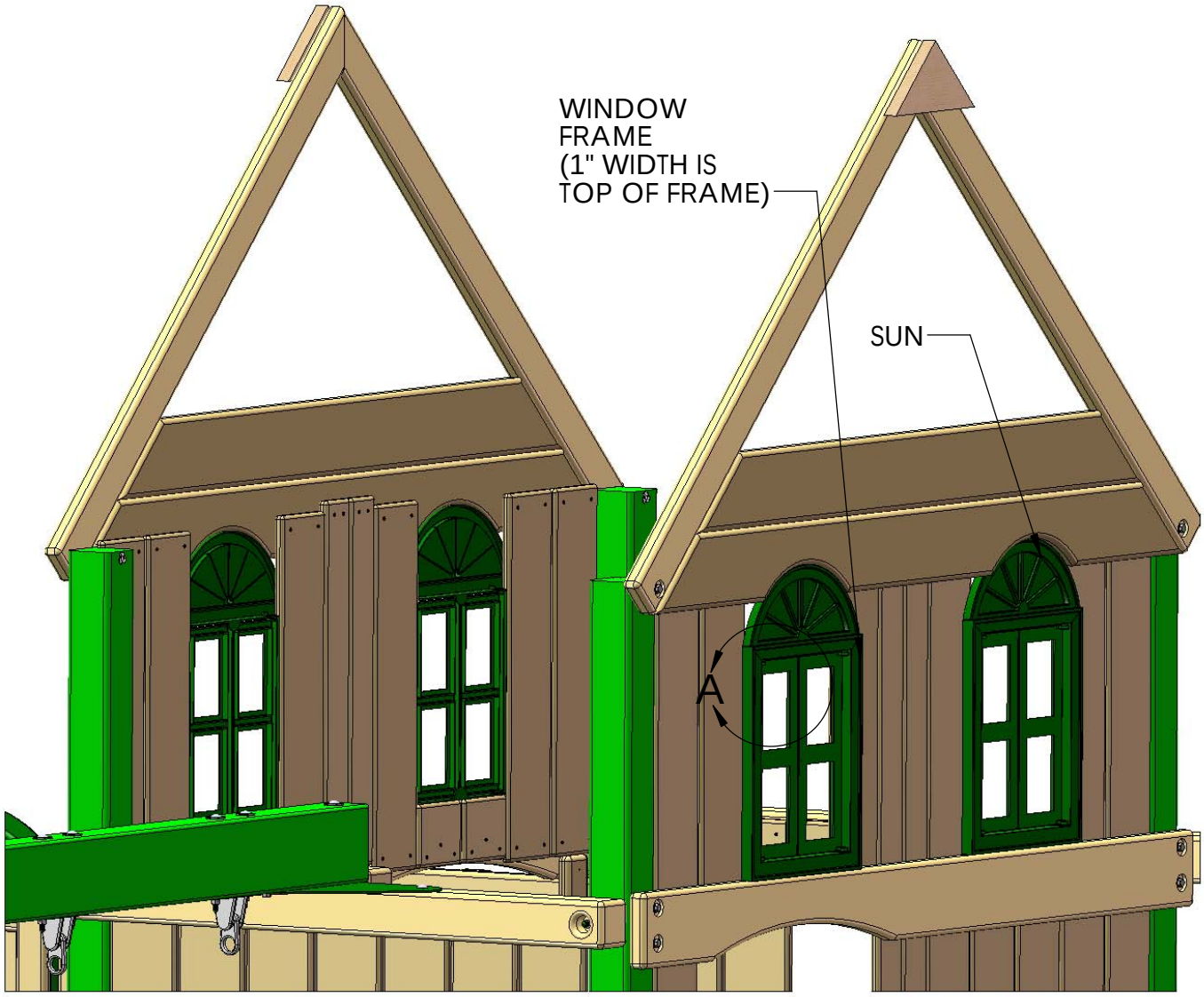
STEP 40: INSTALL WINDOWS

1: FIND FOUR WINDOW PANELS AND FOUR SUN PIECES. PLACE EACH WINDOW IN THE OPENING WITH THE 1" WIDE SECTION OF THE WINDOW FRAME AT THE TOP. TEST FIT THE SUN PIECES ABOVE THE WINDOW FRAME (THESE WILL BE INSTALLED LATER).

2: ATTACH EACH WINDOW WITH FOUR #8 X 1-1/4" WOOD SCREWS.

ROOF PANELS REMOVED FOR CLARITY.





STEP 41: INSTALL PANEL SLATS AND SUN PIECES

1: FIND EIGHT 1 X 6 X 14-1/4" FRONT PANEL SLATS AND EIGHT SUN PIECES.

2: PRE-DRILL EACH SLAT WITH A 1/8" DRILL BIT AT THE DIMENSIONS SHOW BELOW.

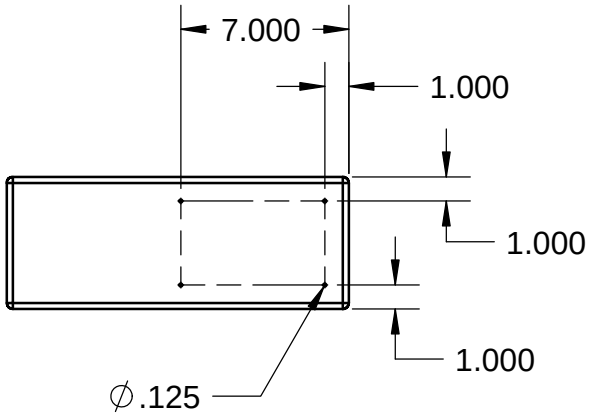
3: ATTACH THE PANEL SLATS AS SHOWN BELOW WITH THE BOTTOM OF THE SLAT RESTING UPON THE INSIDE FLANGE OF THE WINDOW FRAME.

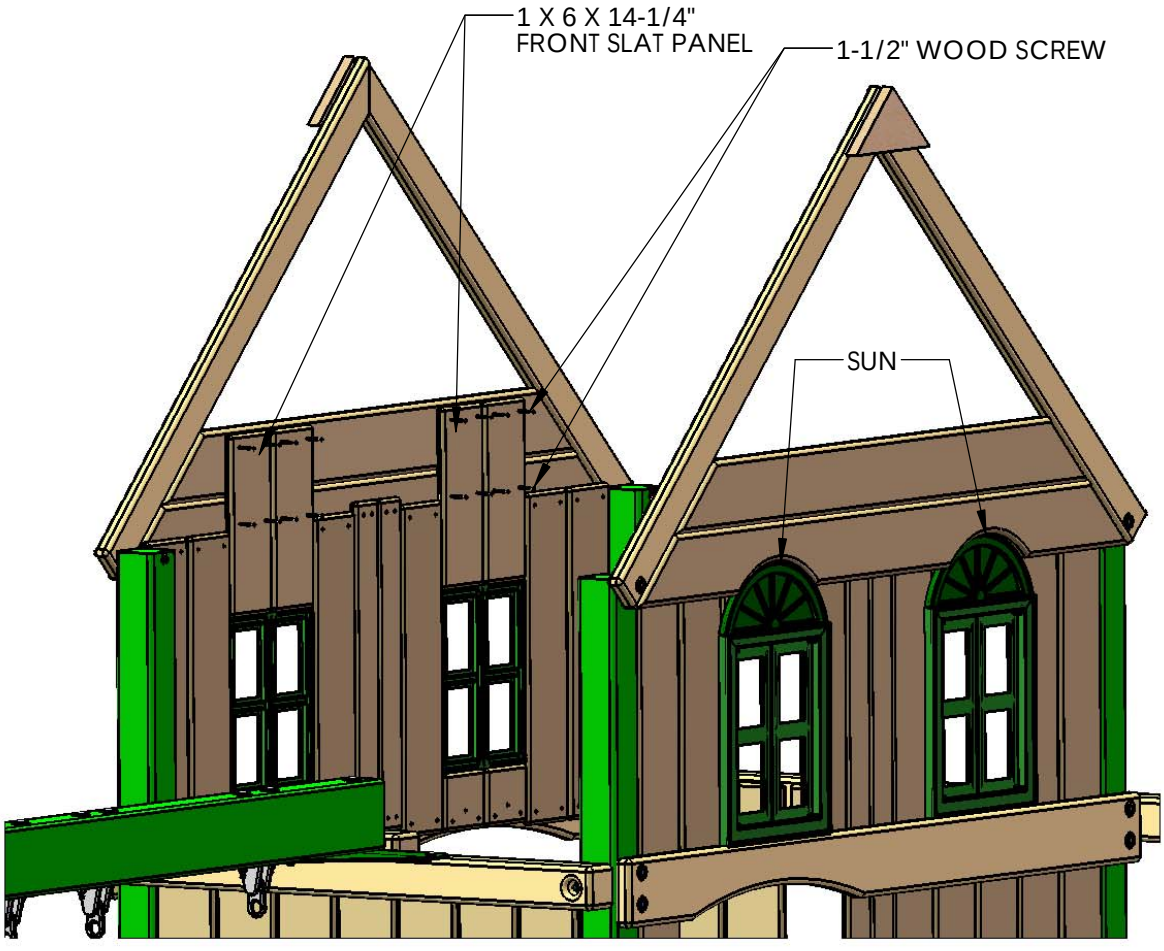
4: ATTACH THE PANEL SLATS TO THE FORT WITH 1-1/2" WOOD SCREWS IN THE PRE-DRILLED HOLES.

5: ATTACH FOUR MORE PANEL SLATS ON THE REAR SIDE.

6: ATTACH ONE SUN PIECE TO THE PANEL SLATS WITH TWO #8 X 1" WOOD SCREWS ABOVE EACH WINDOW.

ROOF PANELS REMOVED FOR CLARITY.

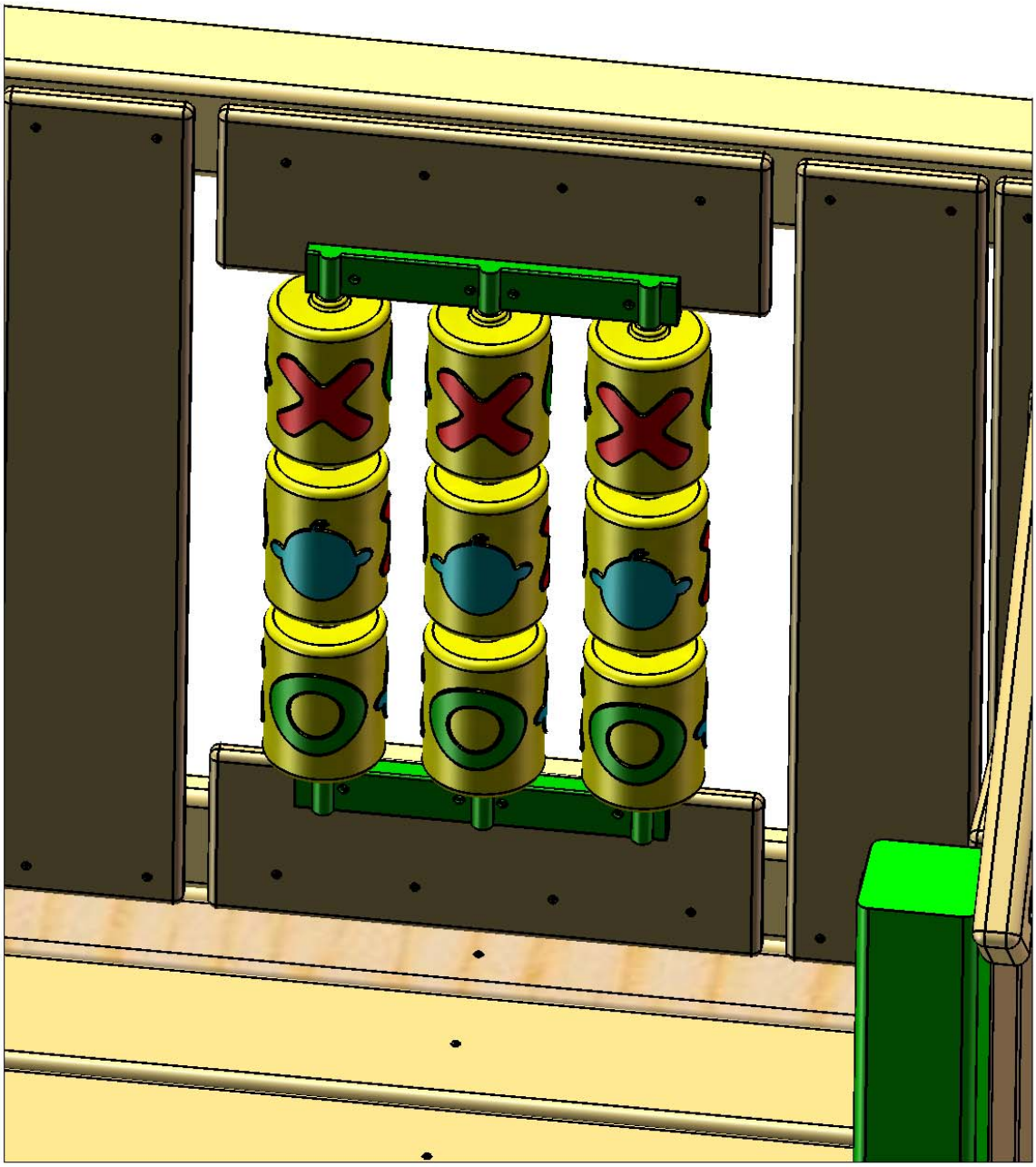




STEP 42: TIC TAC TOE PANEL

1: ASSEMBLE THE TIC TAC TOE PANEL ACCORDING TO THE INSTRUCTIONS IN THE BOX. DISREGARD STEPS 6 & 7.

2: CENTER THE TIC TAC TOE PANEL BETWEEN THE SUPPORTS ON THE SIDE WALL AND ATTACH WITH EIGHT 1" WOOD SCREWS PROVIDED IN THE TIC TAC TOE BOX.

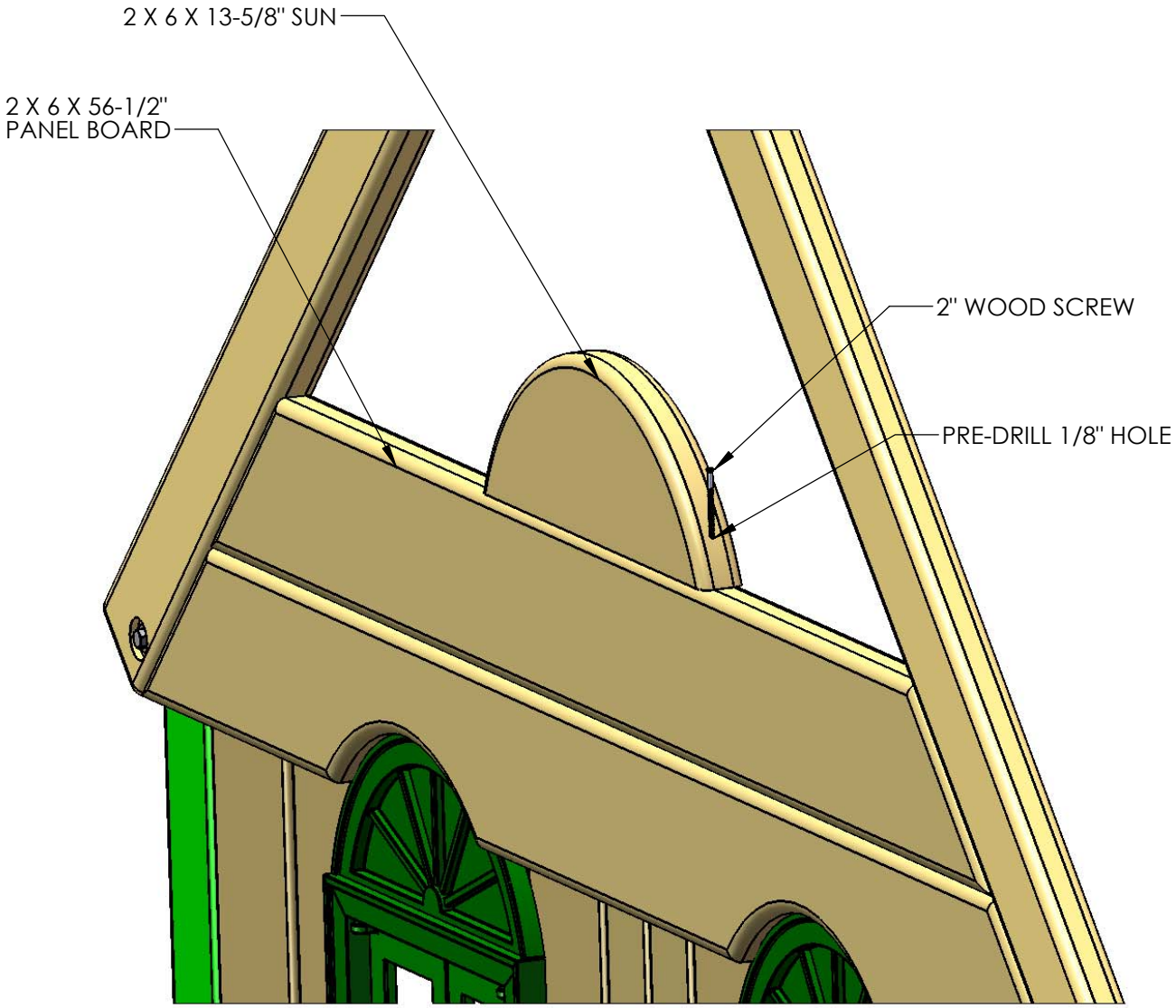


STEP 43: SUNBURST

1: PRE-DRILL TWO 1/8" HOLES IN EACH SUN. THE HOLES WILL BE DRILLED NEAR THE OUTER EDGE ON EACH SIDE GOING STRAIGHT DOWN.

2: CENTER SUN ON THE PANEL BOARD AND ATTACH USING TWO 2" WOOD SCREWS.

3: REPEAT FOR OTHER SIDE OF FORT.



STEP 44: SUNBURST

1: LOCATE TWO 5/4 X 2 X 23" LARGE RAYS, TWO 5/4 X 2 X 16" SMALL RAYS AND TWO 5/4 X 2 X 18" SMALL RAYS.

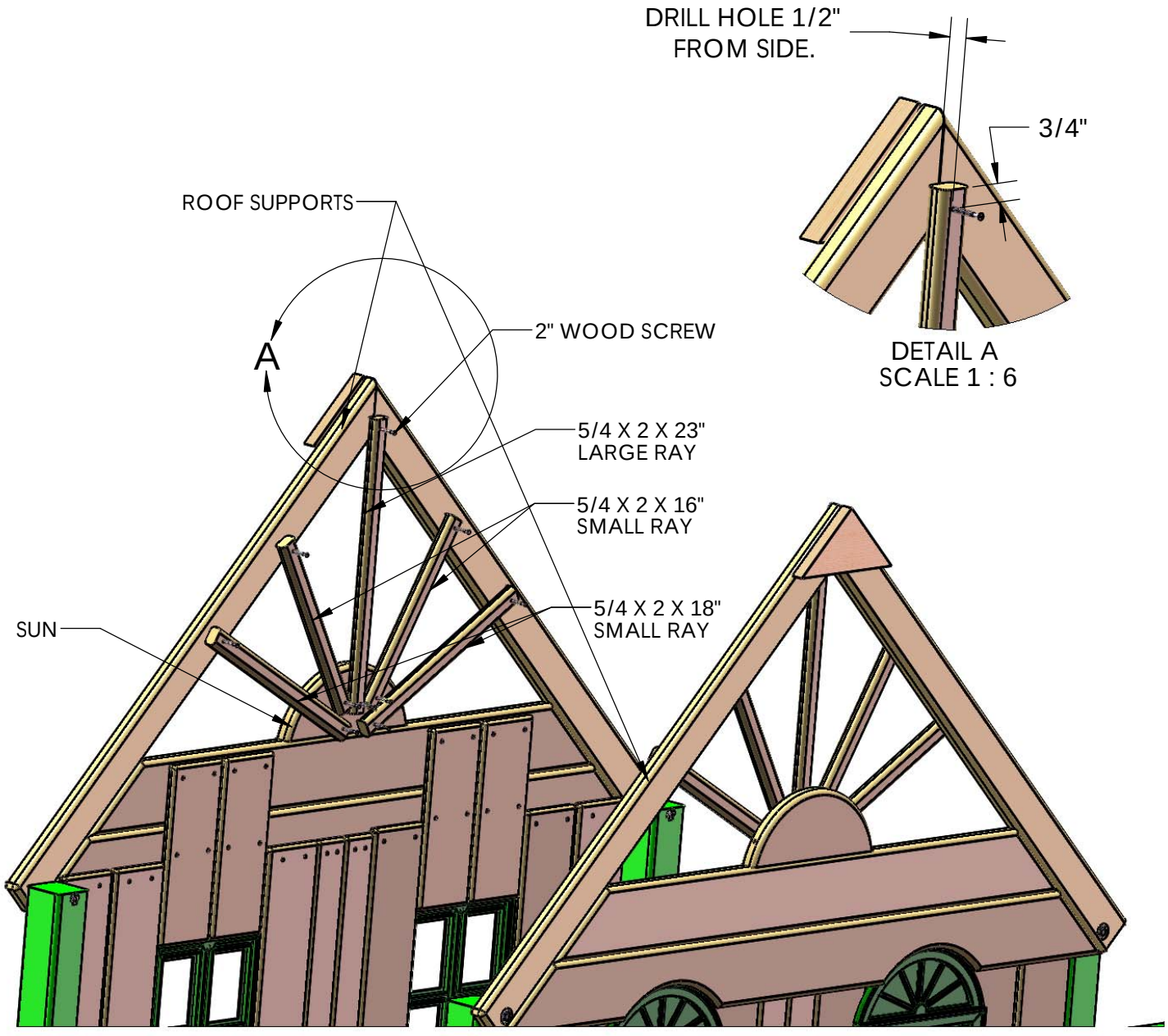
2: PRE-DRILL ALL SMALL RAYS AT 3/4" ON CENTER FROM EACH END WITH A 1/8" DRILL BIT.

PRE-DRILL ALL LARGE RAYS 3/4" ON CENTER FROM THE BOTTOM END WITH A 1/8" DRILL BIT. PRE-DRILL THE TOP END 3/4" FROM THE TOP END AND 1/2" FROM THE SIDE WITH A 1/8" DRILL BIT. (SEE DETAIL A) THIS IS NECESSARY TO AVOID HITTING THE JOINT WHERE THE ROOF SUPPORTS MEET.

3: CENTER THE 5/4 X 2 X 23" LARGE SUNRAY ONTO THE SUN AND THE ROOF SUPPORT BOARDS AND FASTEN WITH TWO 2" SCREWS.

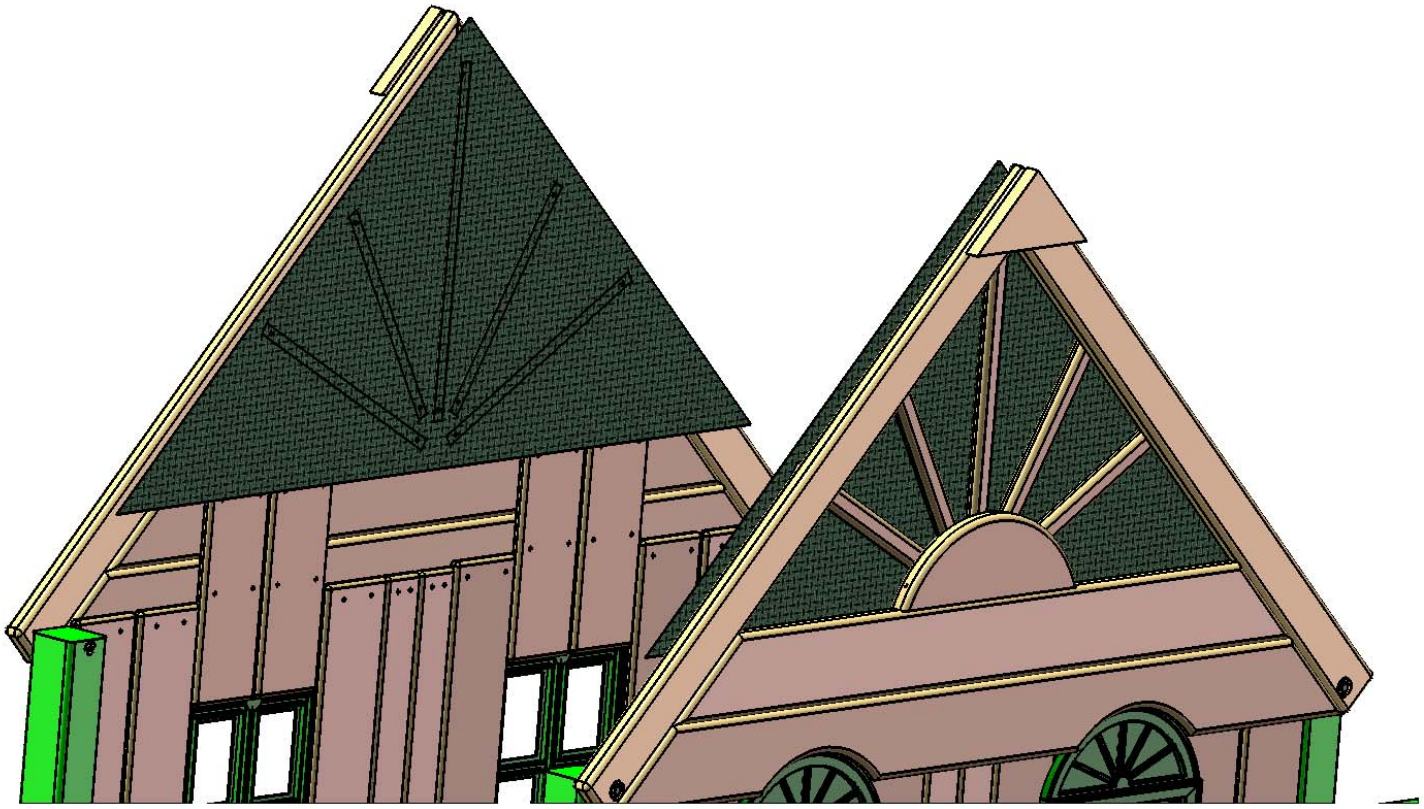
4: EQUALLY SPACE THE SMALL RAYS ABOUT THE SUN (THREE ON EACH SIDE OF LARGE RAY) AND MARK THE POSITION OF THE SMALL RAYS WITH A PENCIL.

5: SECURE THE SMALL RAYS ONE AT A TIME TO THE SUN AND THE ROOF SUPPORTS AND LINE THEM UP WITH THE MARK DRAWN. FASTEN THE SMALL RAYS WITH TWO 2" WOOD SCREWS EACH. REPEAT ON OTHER SIDE OF FORT.



STEP 45: SUNBURST

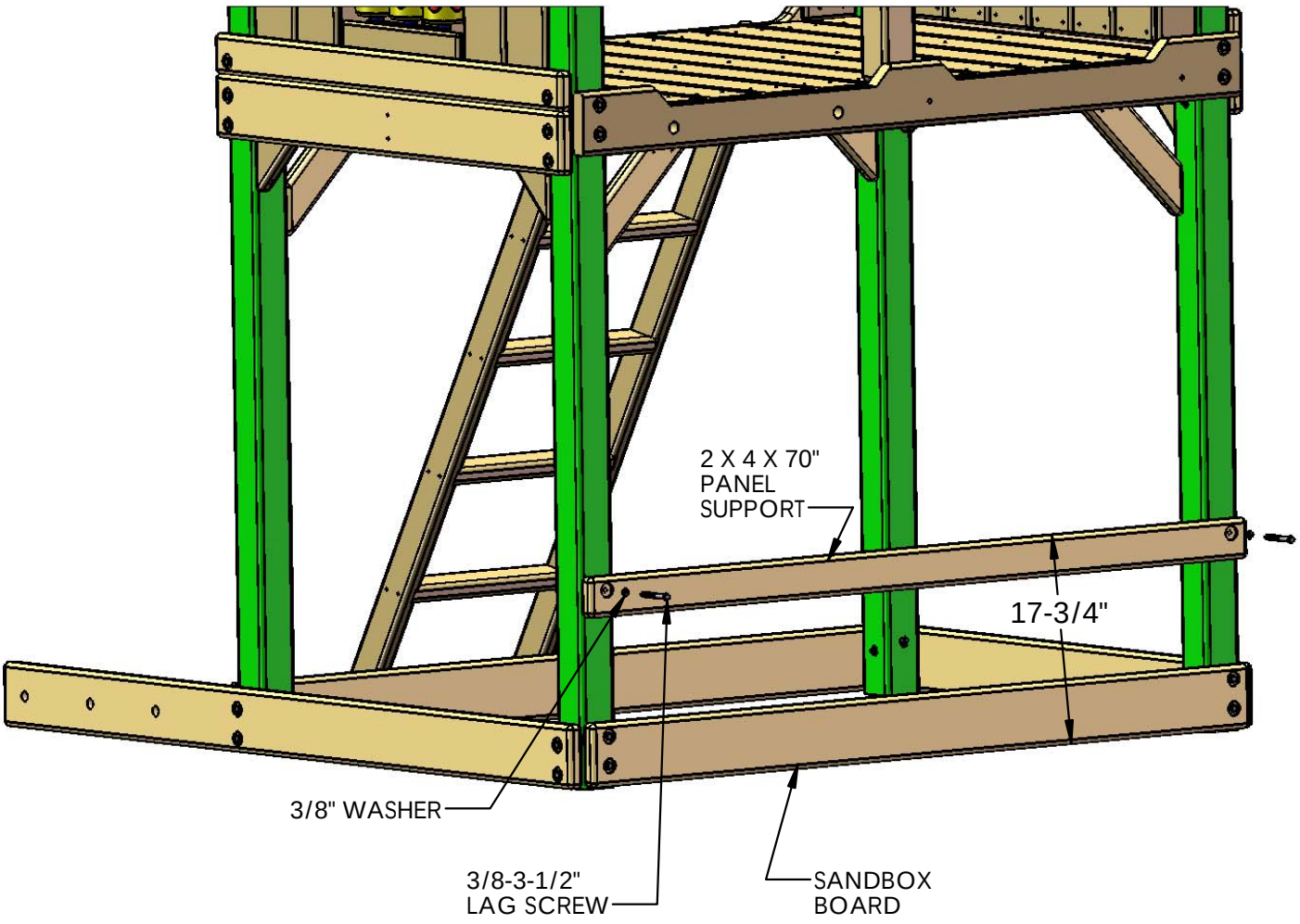
1: INSTALL SUNBURST SCREENS AS SHOWN BELOW, SO THAT IT IS FLUSH TO THE ROOF SUPPORTS. FASTEN EACH SCREEN WITH SIX 1-1/4" PAN HEAD SCREWS INTO THE GROMMETS IN THE SCREEN.



STEP 46: PANEL SUPPORT

1: MEASURE 17-3/4" FROM THE BOTTOM OF THE SANDBOX BOARD ON THE FRONT FACE OF THE FORT. MARK THESE POSITIONS ON THE OUTSIDE OF THE CORNER POSTS. LINE UP THE TOP OF THE 2 X 4 X 70" PANEL SUPPORT WITH THE MARKS. ATTACH THE 2 X 4 X 70" PANEL SUPPORT WITH "OFFSET HOLES UP" TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

NOTE: ROCK WALL OMITTED FOR CLARITY.

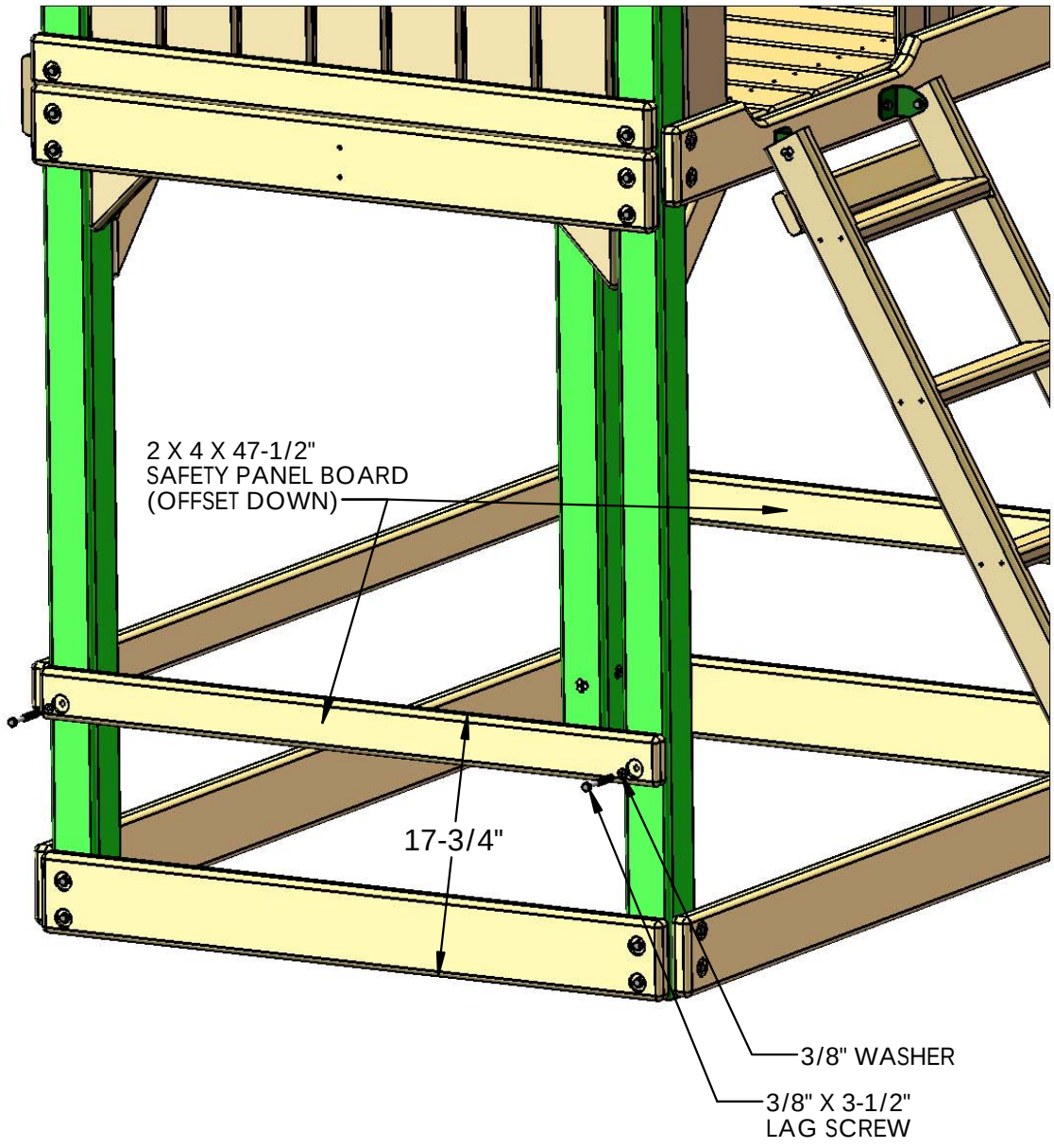


STEP 47: SAFETY BOARD

1: MEASURE 17-3/4" FROM BOTTOM OF THE SANDBOX BOARD ON THE RIGHT SIDE OF THE FORT. MARK THESE POSITIONS ON THE OUTSIDE OF THE CORNER POSTS.

2: ALIGN THE TOP OF THE SAFETY PANEL BOARD WITH THE MARKS. ATTACH THE 2 X 4 X 47-1/2" SAFETY BOARD WITH "OFFSET HOLES DOWN" TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

3: REPEAT SUBSTEPS 1-2 FOR THE SAFETY PANEL BOARD ON THE LEFT SIDE OF THE FORT.



STEP 48: PICNIC TABLE

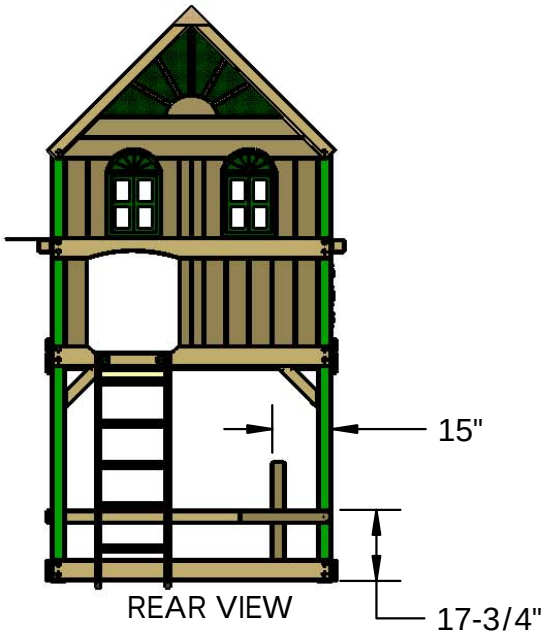
1: PLACE EACH OF THE 2 X 4 X 30" PICNIC TABLE VERTICAL SUPPORTS 15" OVER FROM THE CORNER POSTS. (SEE REAR VIEW)

2: MAKE SURE THE PICNIC TABLE VERTICAL SUPPORTS ARE SQUARE TO THE SANDBOX BOARDS. ATTACH THEM TO THE SANDBOX BOARDS FROM THE INSIDE USING TWO 2-1/2" WOOD SCREWS. ATTACH THE PICNIC TABLE VERTICAL SUPPORT (ON FRONT OF THE PLAYSET) TO THE 2 X 4 X 78" PANEL BOARD USING THREE 2-1/2" SCREWS.

3: NEXT FIND THE 2 X 4 X 23" BENCH SUPPORT BOARD.

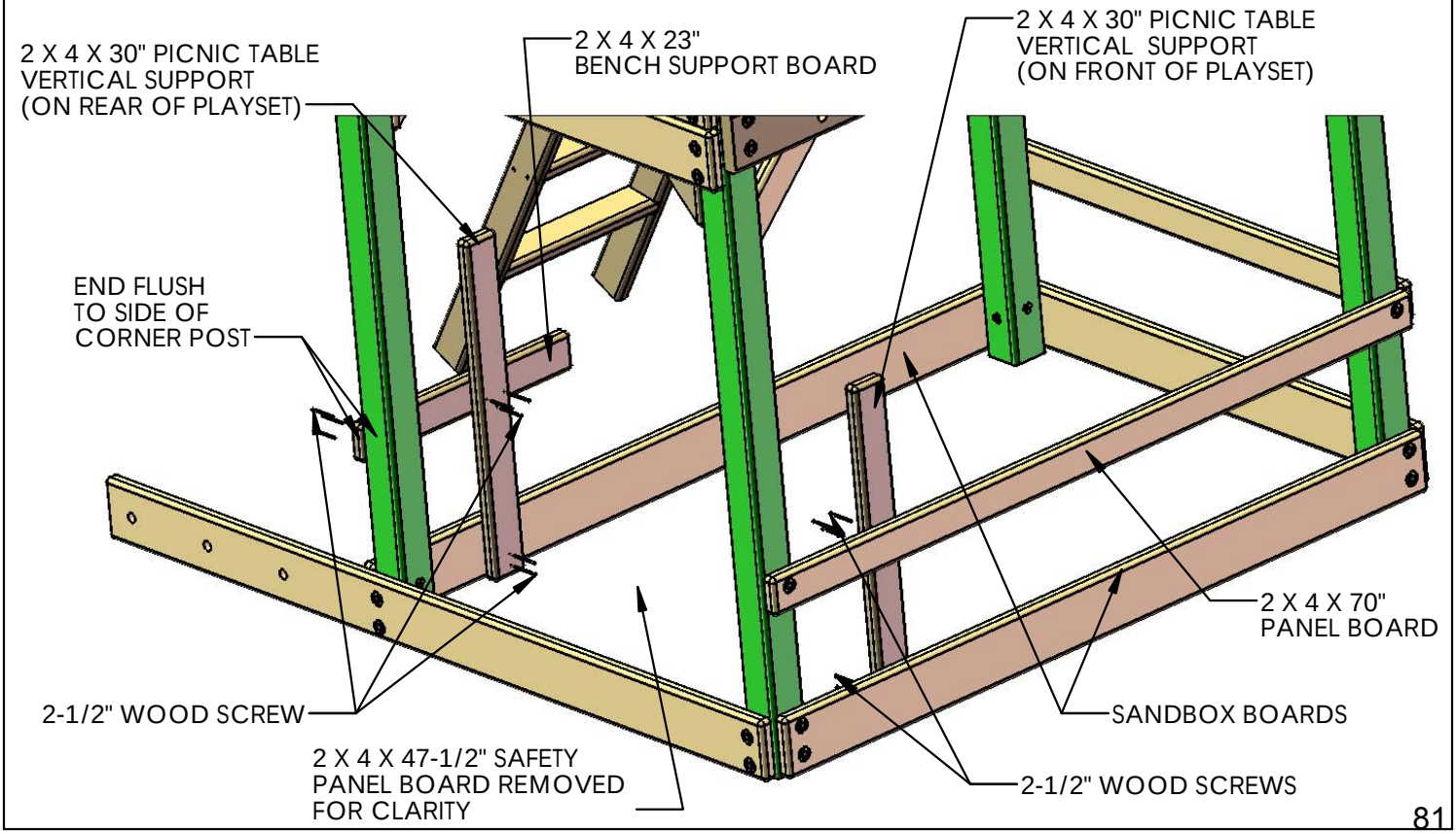
4: MEASURE 17-3/4" FROM THE BOTTOM OF THE REAR SANDBOX BOARD AND MAKE A MARK ON THE REAR CORNER POST AND THE REAR PICNIC TABLE VERTICAL SUPPORT. ALIGN THE TOP OF THE BENCH SUPPORT BOARD WITH THE MARKS. MAKE THE END OF THE BENCH SUPPORT BOARD FLUSH TO THE SIDE OF THE CORNER POST.

5: USE SIX 2-1/2" WOOD SCREWS TO ATTACH THE BENCH SUPPORT BOARD TO THE CORNER POST AND THE PICNIC TABLE VERTICAL SUPPORT.



REAR VIEW

NOTE: ROCK WALL REMOVED FOR CLARITY.



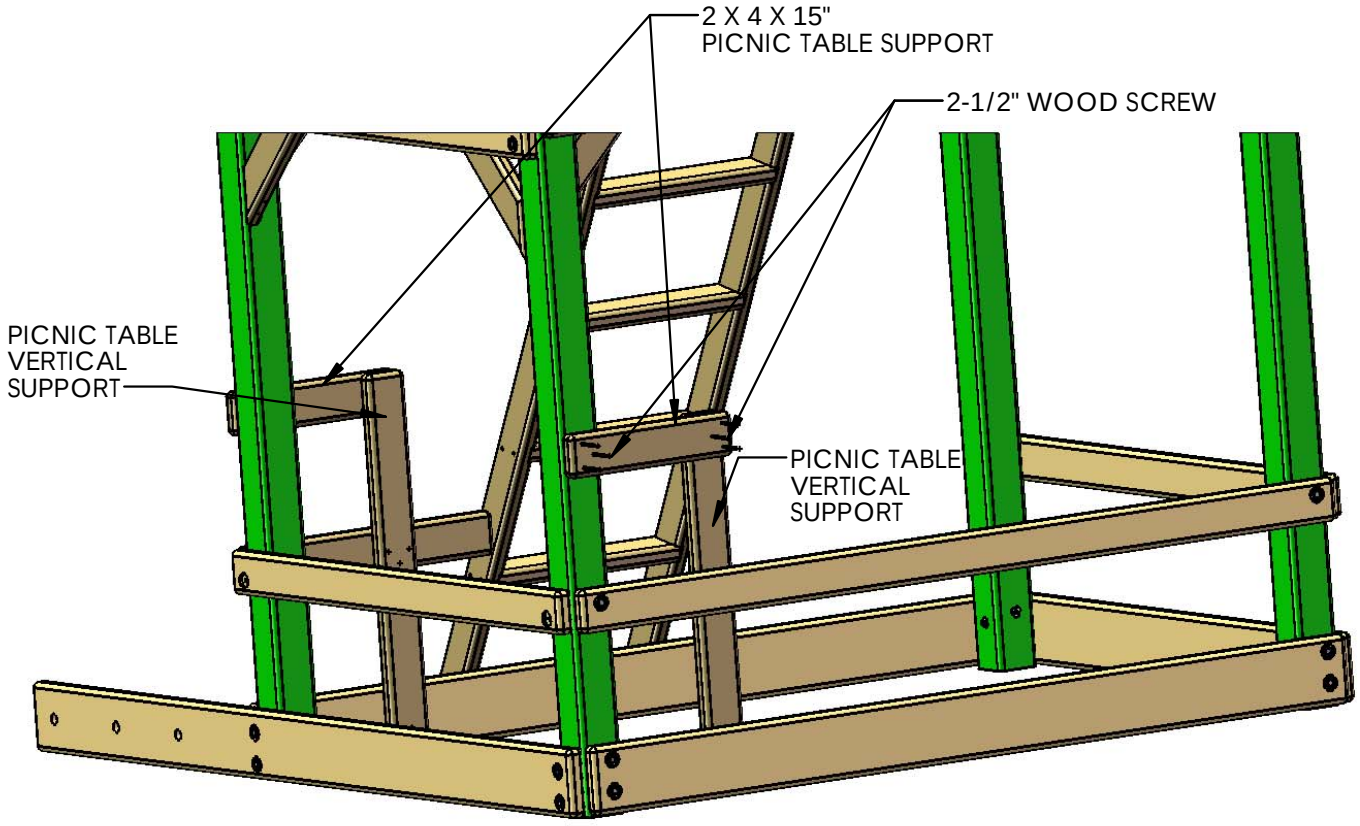
STEP 49: PICNIC TABLE

1: FIND TWO 2 X 4 X 15" PICNIC TABLE SUPPORTS.

2: ATTACH EACH PICNIC TABLE SUPPORT TO THE TOP OF THE PICNIC TABLE VERTICAL SUPPORT AND TO THE CORNER POSTS.

3: ATTACH EACH PICNIC TABLE SUPPORT TO THE PICNIC TABLE VERTICAL SUPPORT AND THE CORNER POST USING SIX 2-1/2" WOOD SCREWS.

NOTE: ROCK WALL REMOVED FOR CLARITY.

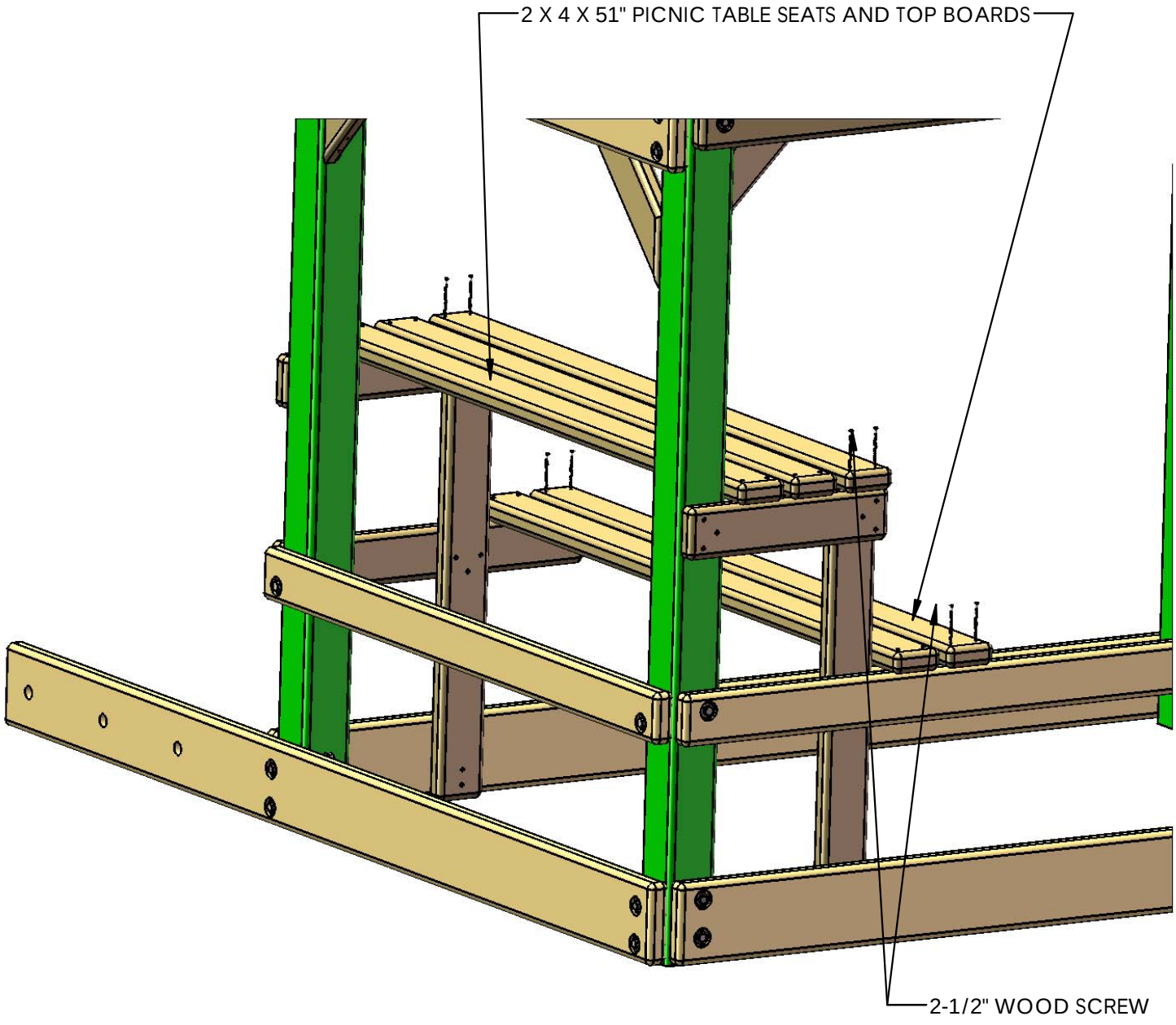


STEP 50: PICNIC TABLE

1: FIND FIVE 2 X 4 X 51" PICNIC TABLE SEATS AND PICNIC TABLE TOP BOARDS.

2: ATTACH EACH BOARD WITH FOUR 2-1/2" WOOD SCREWS AS SHOWN BELOW TO CREATE THE PICNIC TABLE SEATS AND TOP.

NOTE: LADDER AND ROCK WALL REMOVED FOR CLARITY.



STEP 51: BOTTOM PANEL SLATS

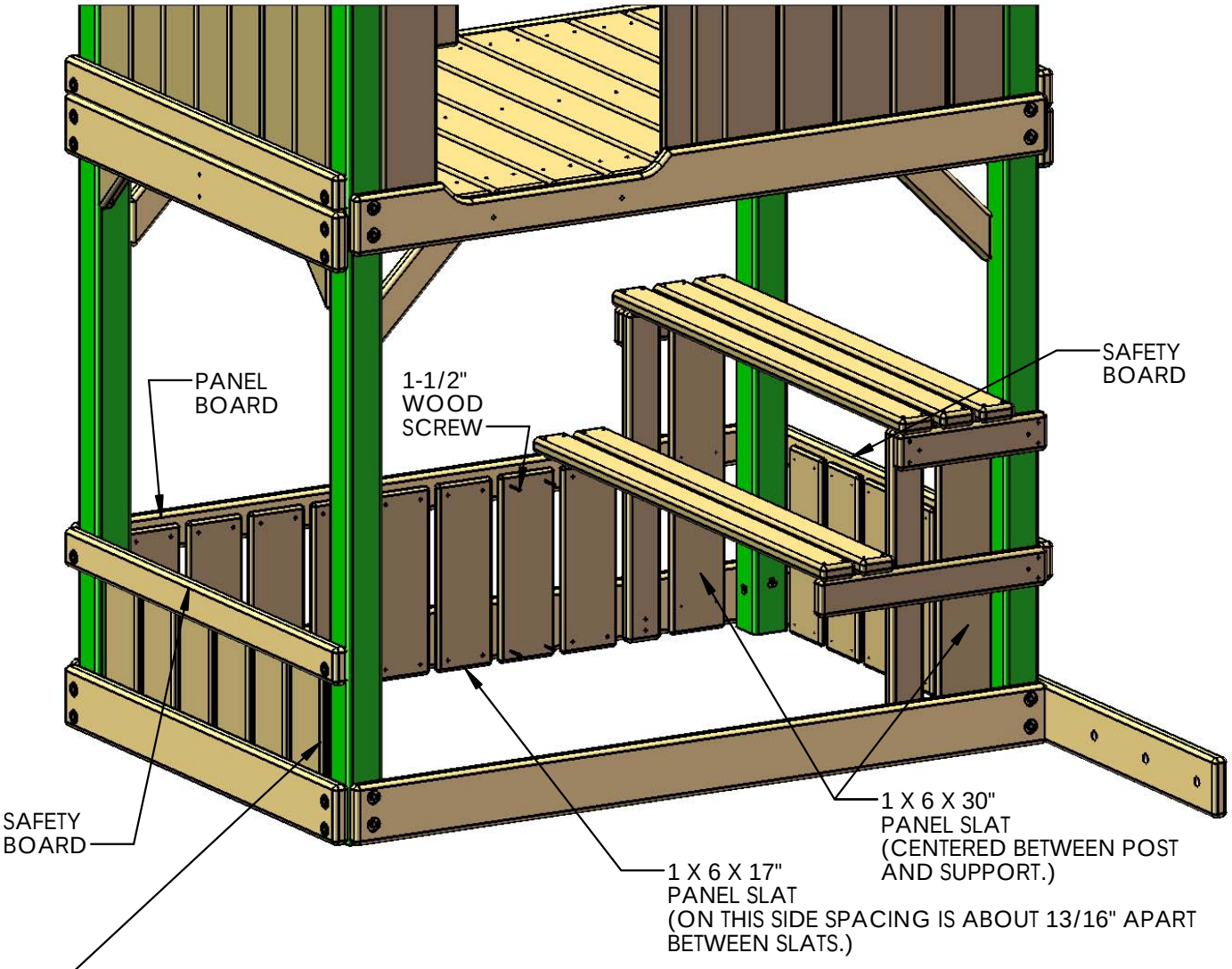
1: FIND TWENTY 1 X 6 X 17" PANEL SLATS AND TWO 1 X 6 X 30" PANEL SLATS.

2: PRE-DRILL SLATS WITH TWO EQUALLY SPACED HOLES 1" FROM EACH END WITH A 1/8" DRILL BIT.

3: ATTACH PANEL SLATS ALONG THE SAFETY BOARDS AND PANEL BOARD EQUALLY SPACED.

4: ATTACH EACH 17" PANEL SLAT USING FOUR 1-1/ 2" WOOD SCREWS. ATTACH EACH 30" PANEL SLAT USING SIX 1-1/2" WOOD SCREWS.

NOTE: ROCK WALL AND LADDER REMOVED FOR CLARITY.

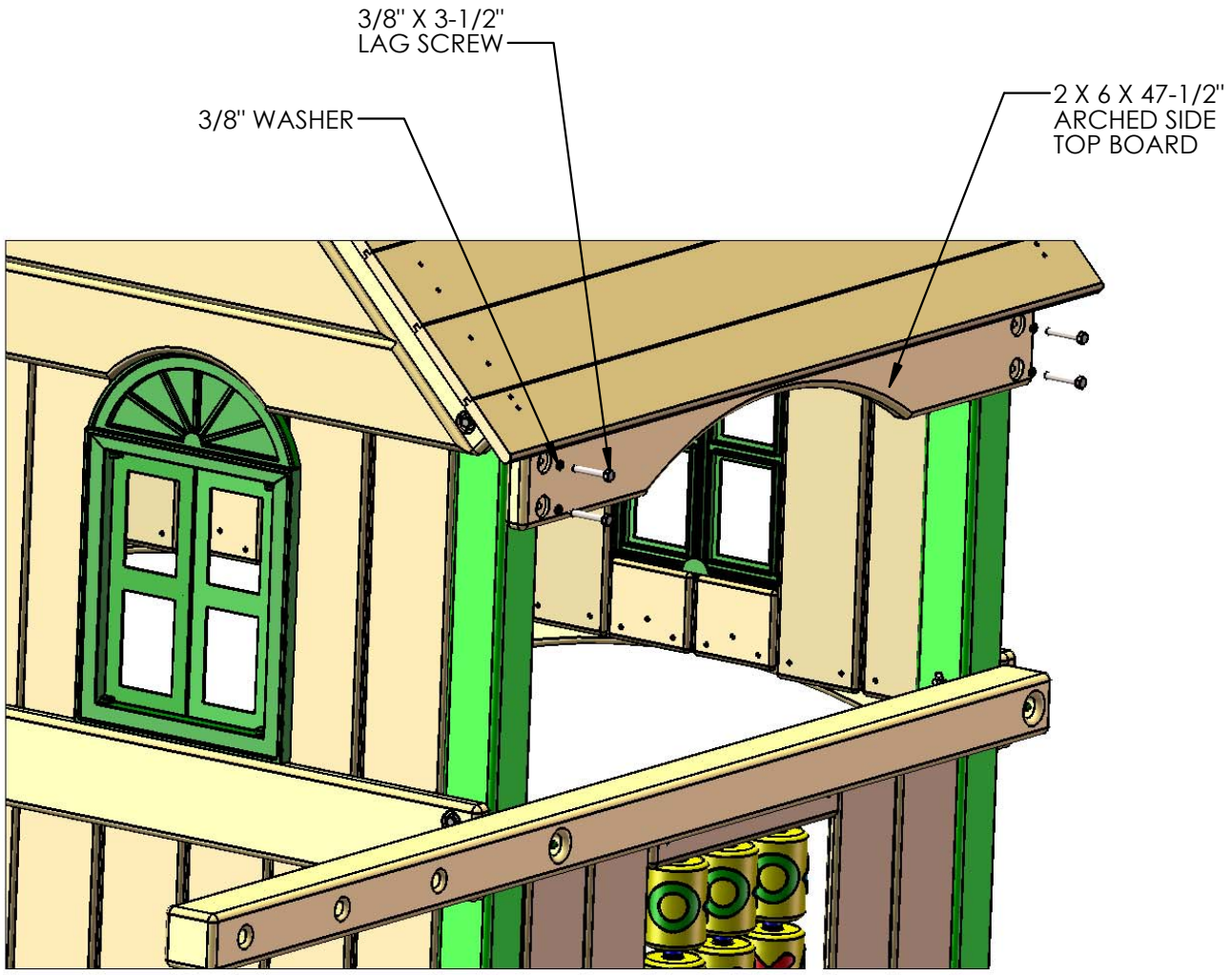


STEP 52: ARCHED SIDE TOP BOARDS

1: PLACE THE 2 X 6 X 47-1/2" ARCHED SIDE TOP BOARD UP AGAINST THE TOP OF THE CORNER POSTS ON THE SIDE OF THE FORT.

2: ATTACH THE ARCHED SIDE TOP BOARD WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

3: ATTACH ANOTHER ARCHED SIDE TOP BOARD ON THE OPPOSITE SIDE OF FORT.

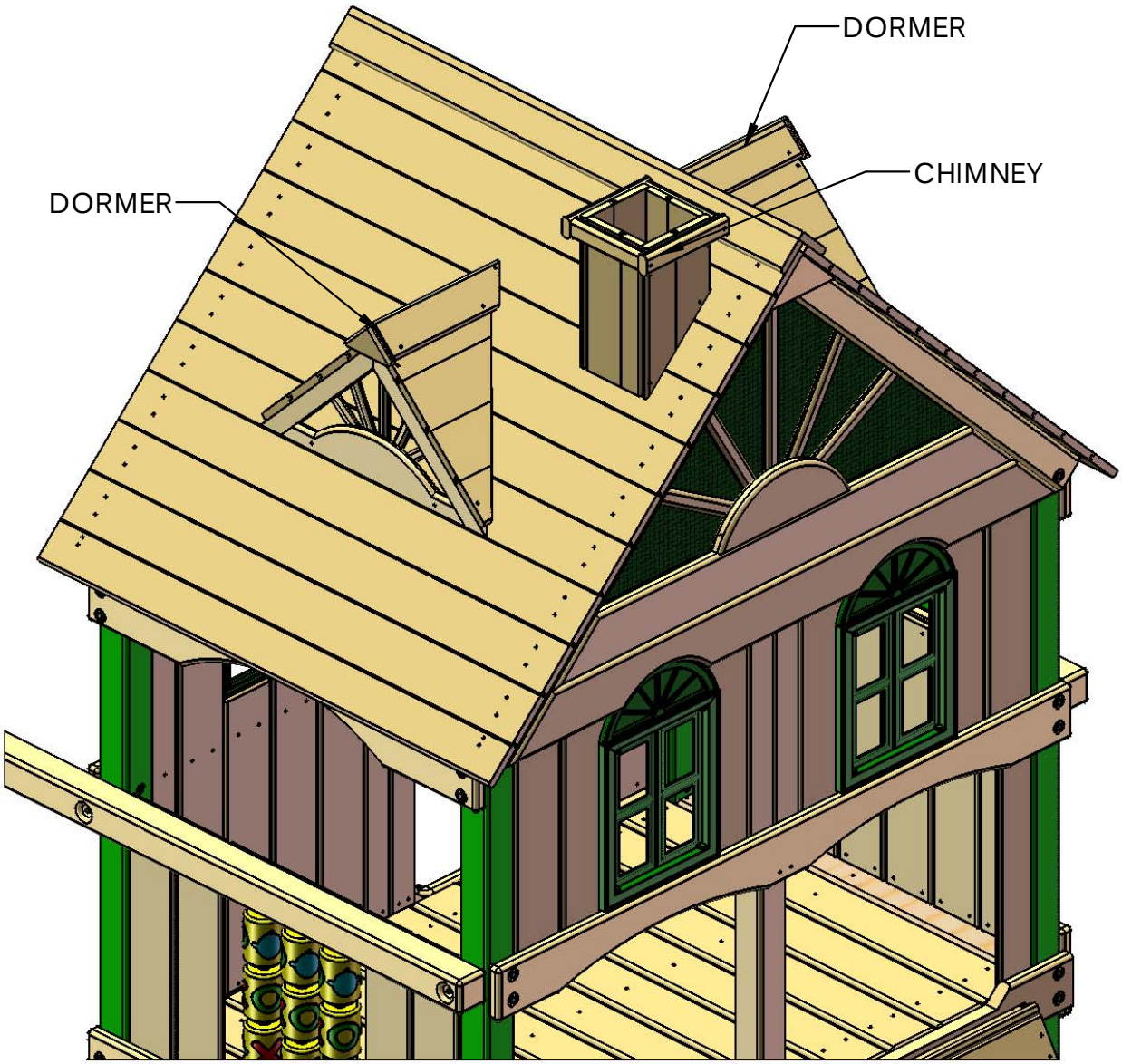


STEP53: CHIMNEY/DORMER

1: USE THE INSTRUCTIONS PROVIDED IN THE APPENDIX TO ASSEMBLE AND THEN INSTALL THE CHIMNEY AND DORMERS.

TIP: WHEN INSTALLING THE ROOF BOARDS ONLY INSTALL A FEW ROOF BOARDS THEN ASSEMBLE AND INSTALL THE CHIMNEY. AFTERWARDS INSTALL MORE ROOF BOARDS THEN ASSEMBLE ANDINSTALL THE DORMER. FINALLY INSTALL THE REMAINING ROOF BOARDS AND ROOF FINISHER.

ON THE OTHER SIDE OF THE ROOF THERE IS ONLY A DORMER. FOR THAT SIDE INSTALL SOME ROOF BOARDS FIRST. THEN ASSEMBLE AND INSTALL THE DORMER. FINALLY INSTALL THE REMAINING ROOF BOARDS AND FINISHER.



STEP 54: INSTALLING THE CLIMBING ROPE

1:DRILL A 7/8" HOLE THROUGH THE FRONT TOP PANEL BOARD (ABOVE THE ROCK WALL) FOR THE CLIMBING ROPE.

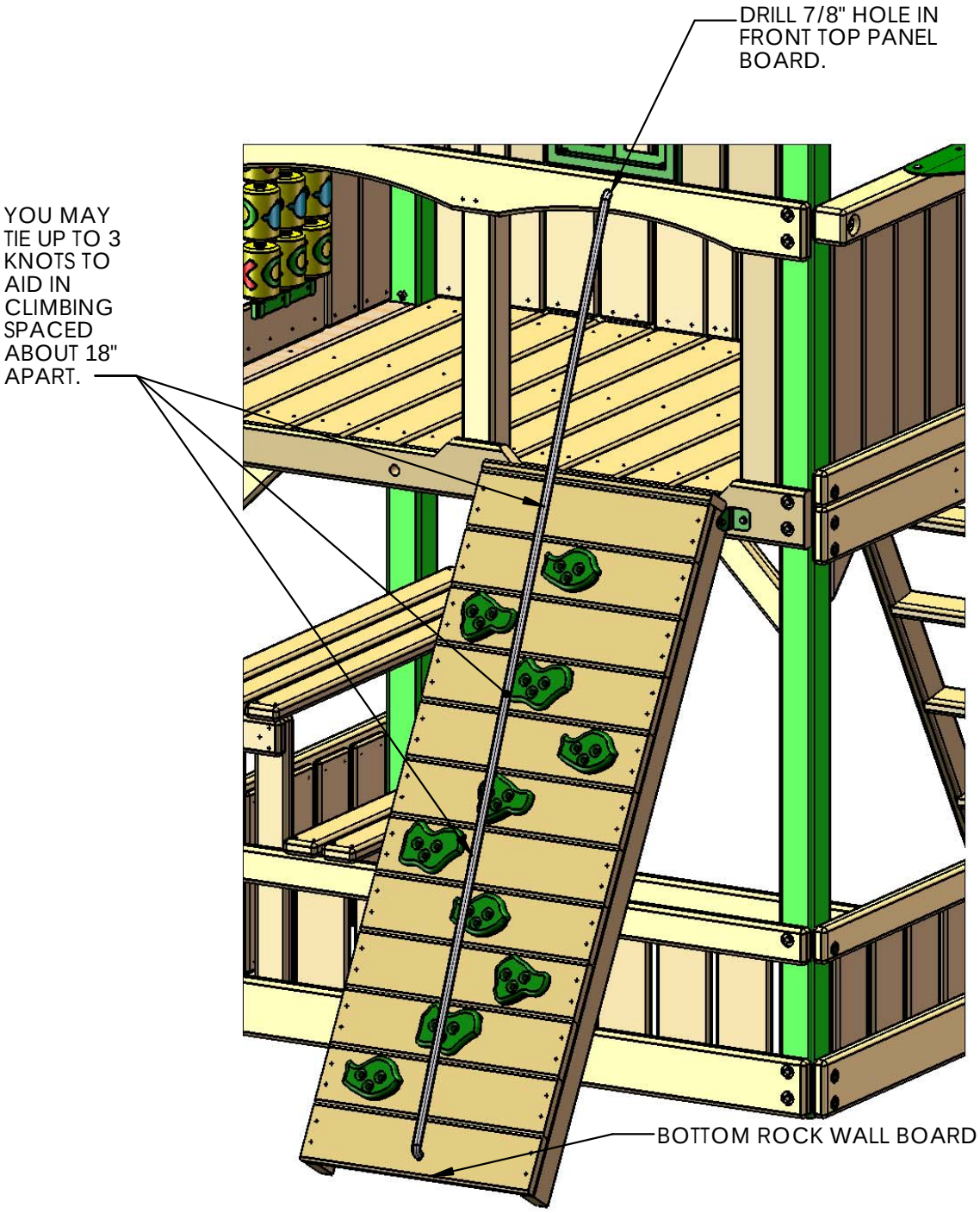
2: TIE A KNOT AT ONE END OF THE 10' ROPE AND THREAD IT THROUGH THE HOLE IN THE FRONT TOP PANEL BOARD.

3: YOU CAN TIE A FEW (NO MORE THAN THREE) KNOTS IN THE ROPE TO AID IN CLIMBING APPROXIMATELY 18" APART BEFORE TYING THE KNOT BEHIND THE BOTTOM ROCK WALL BOARD.

4: 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.

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.

NOW ATTEMPT TO WRAP THE ROPE AROUND YOUR HAND. IF THE ROPE WRAPS AROUDN YOUR HAND IT IS TOO LOOSE. UNTIE ONE END AND THEN RE-TIE IT UNTIL IT NO LONGER WRAPS AROUND YOUR HAND.

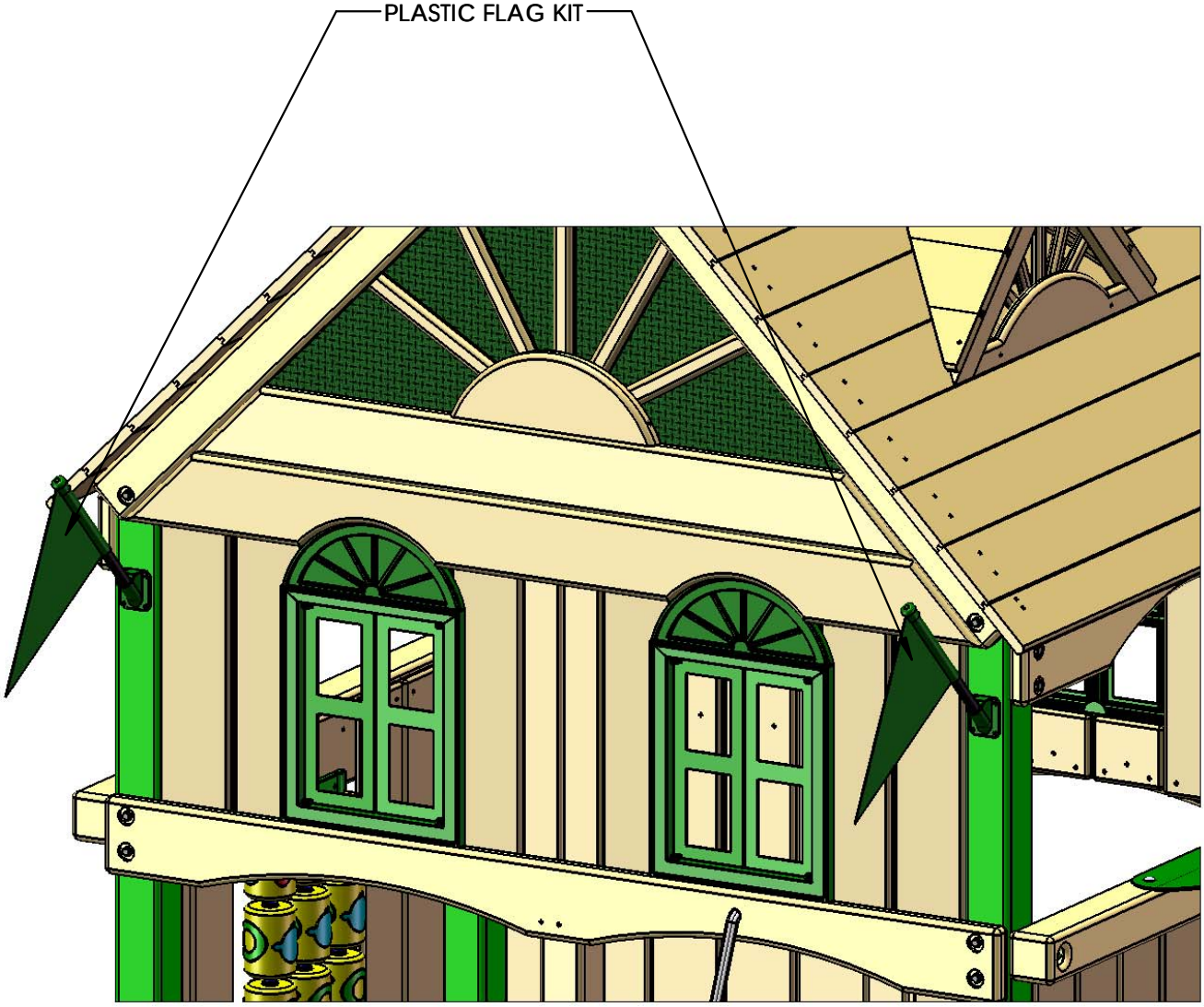


STEP 55: PLASTIC FLAGS

1: FIND THE PLASTIC FLAG KIT.

2: ATTACH THE FLAGS TO THE FRONT CORNER POSTS AS SHOWN BELOW.

3: ATTACH EACH FLAG TO THE CORNER POST THROUGH THE PRE-DRILLED HOLES USING 1/2" PHILLIPS HEAD WOOD SCREWS PROVIDED WITH THE FLAG KIT.

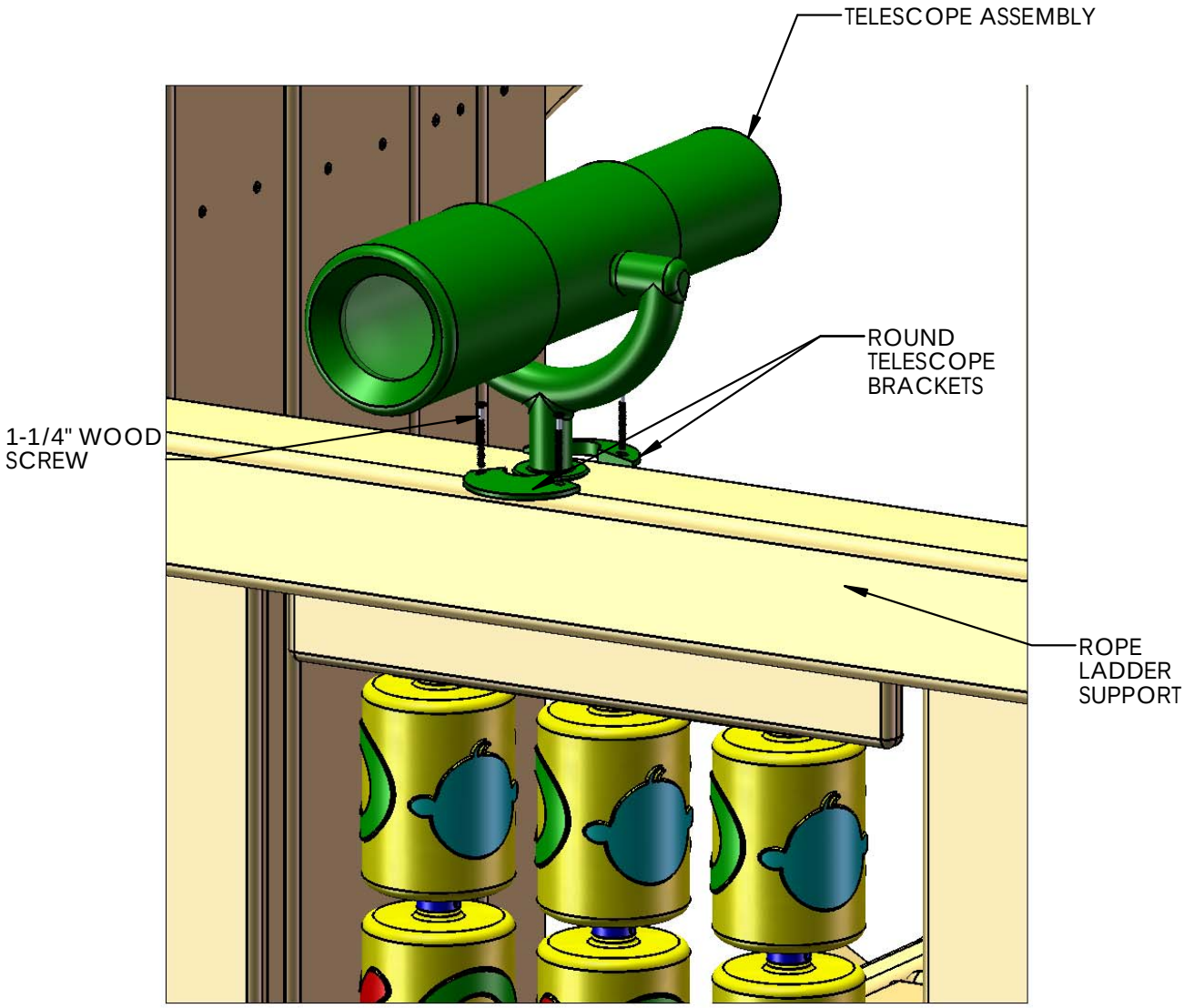


STEP 56: MOUNTING TELESCOPE

1: PLACE THE TELESCOPE ASSEMBLY ON THE ROPE LADDER SUPPORT ABOVE THE TIC TAC TOE PANEL. USING THE 1-1/4" WOOD SCREWS PROVIDED IN THE TELESCOPE BAG, FASTEN ONE OF THE ROUND TELESCOPE BRACKETS TO THE ROPE LADDER SUPPORT.

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

3: PLACE THE REMAINING ROUND TELESCOPE BRACKET ACROSS FROM THE FIRST BRACKET. FASTEN THE ROUND TELESCOPE BRACKET WITH 1-1/4" WOOD SCREWS TO THE ROPE LADDER SUPPORT.

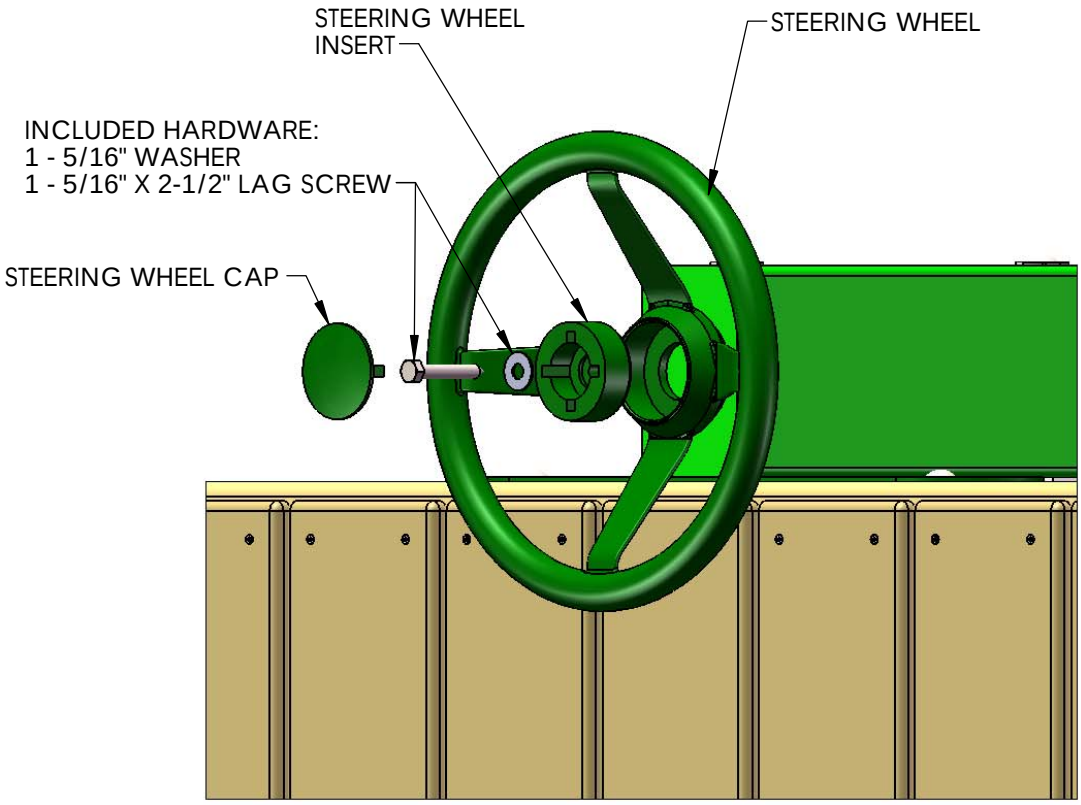


STEP 57: STEERING WHEEL

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 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 58: ATTACHING THE SAFETY HANDLES

1: LOCATE TWO SAFETY HANDLES PROVIDED WITH YOUR PLAYSET.

2: LOCATE THE HARDWARE PROVIDED IN THE BAG WITH THE HANDLES.

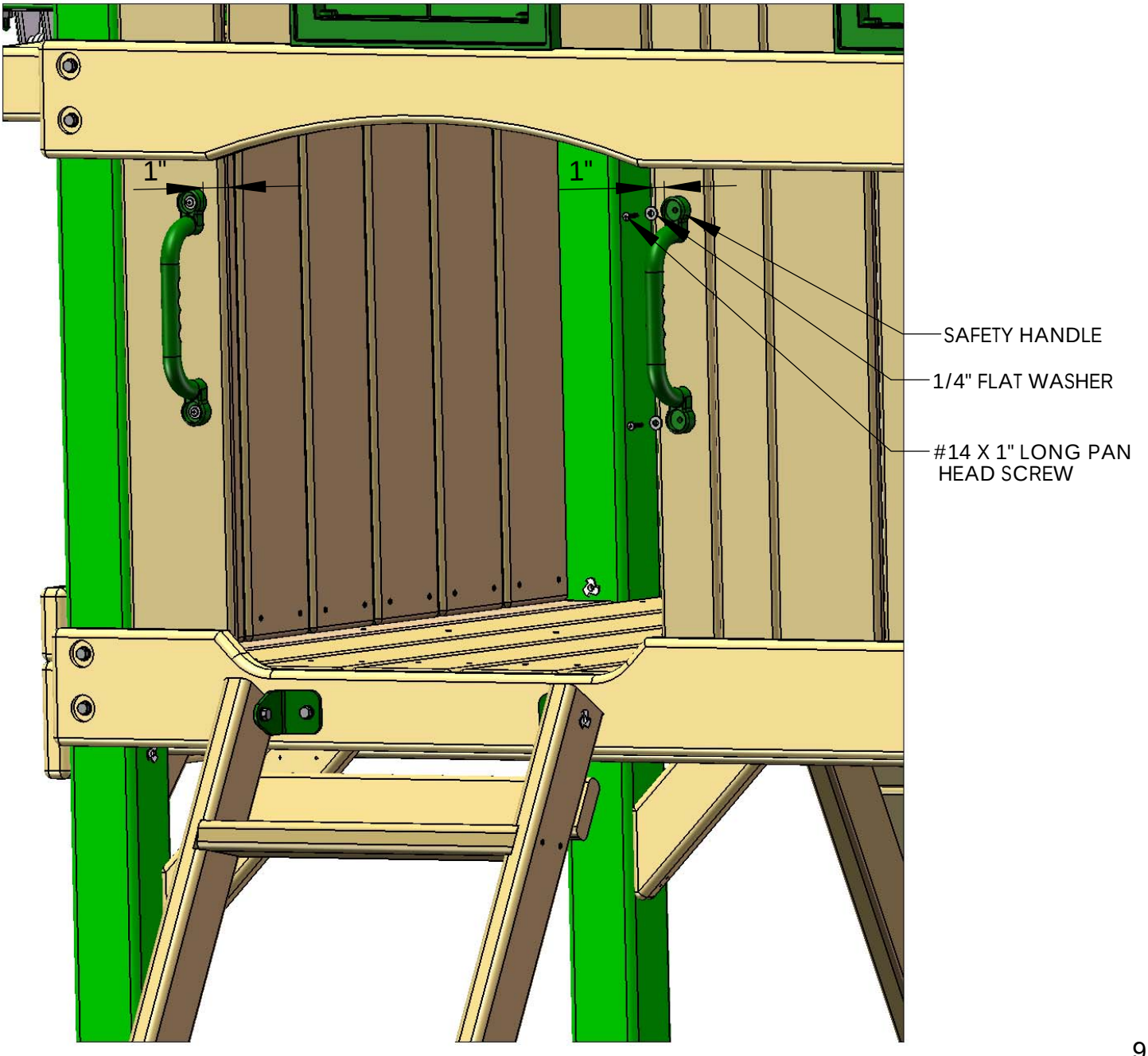
DO NOT USE THE SCREWS PROVIDED IN THE BAG WITH THE HANDLES

3: LOCATE FOUR #14 X 1" LONG PAN HEAD SCREWS IN YOUR MAIN HARDWARE PACKAGE. USE THE 1/4" FLAT WASHERS PROVIDED IN THE BAG WITH THE HANDLES.

4: PLACE THE HANDLES 1" AWAY FROM THE EDGE OF EACH PANEL SLAT ABOVE THE LADDER AT THE REAR OF THE PLAY SET. ADJUST THE HANDLES UP OR DOWN TO SUIT THE NEEDS OF YOUR CHILD.

5: ATTACH EACH HANDLE TO THE PANEL SLATS USING TWO #14 X 1" LONG PAN HEAD SCREWS AND TWO 1/4" FLAT WASHERS.

****DO NOT USE THE SCREWS PROVIDED IN THE BAG WITH THE SAFETY HANDLES.****

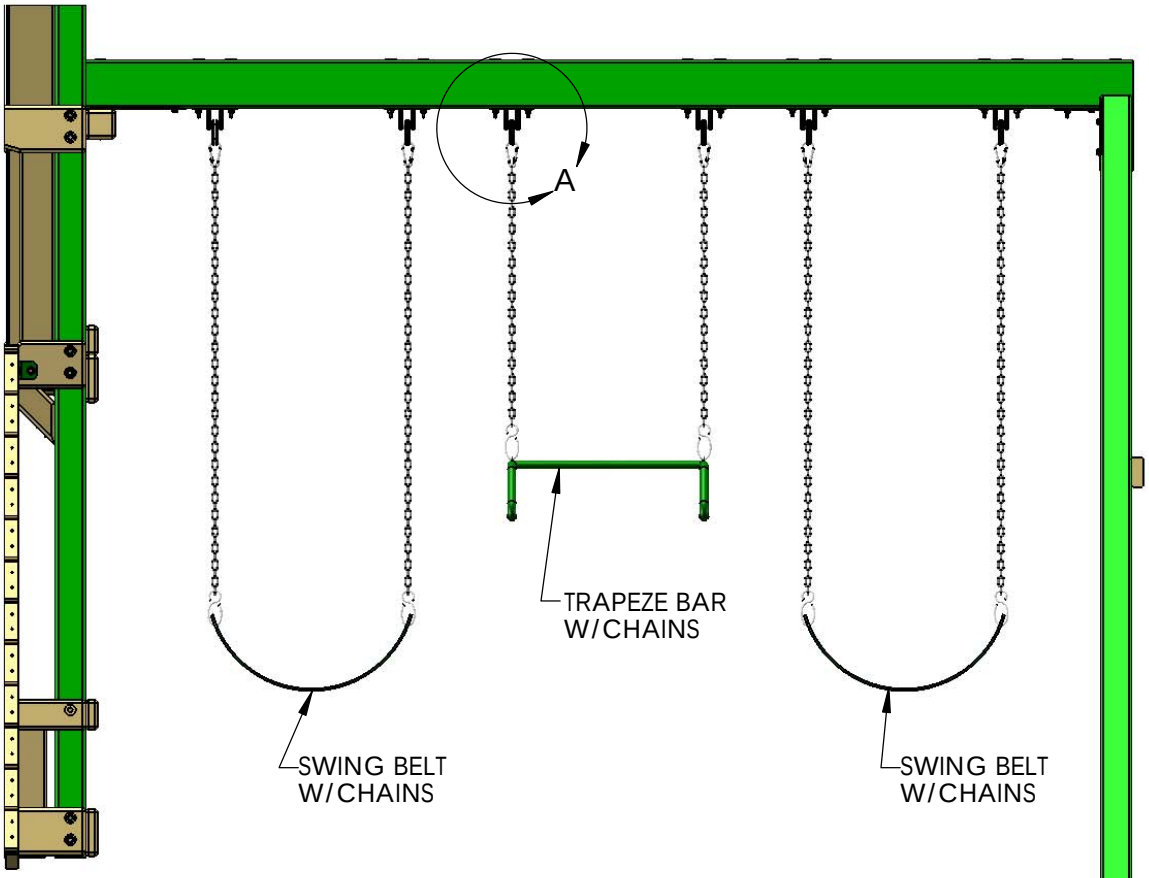


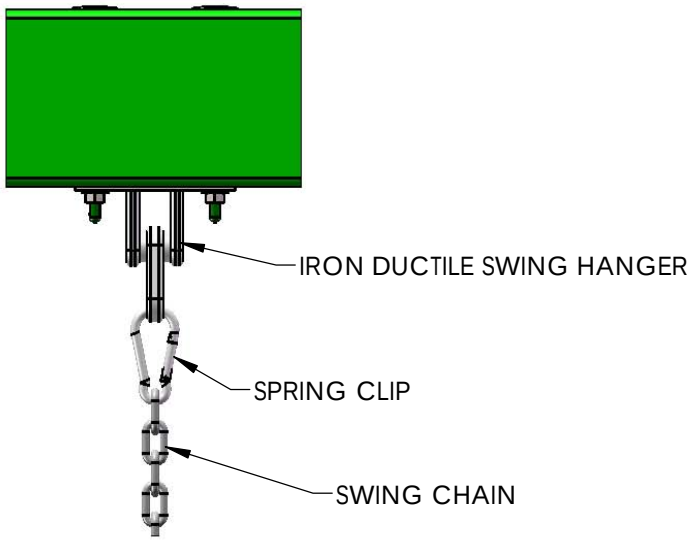
STEP 59: HANGING THE SWINGS

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 BY CLIPPING CHAINS ON HIGHER OR LOWER LINKS.



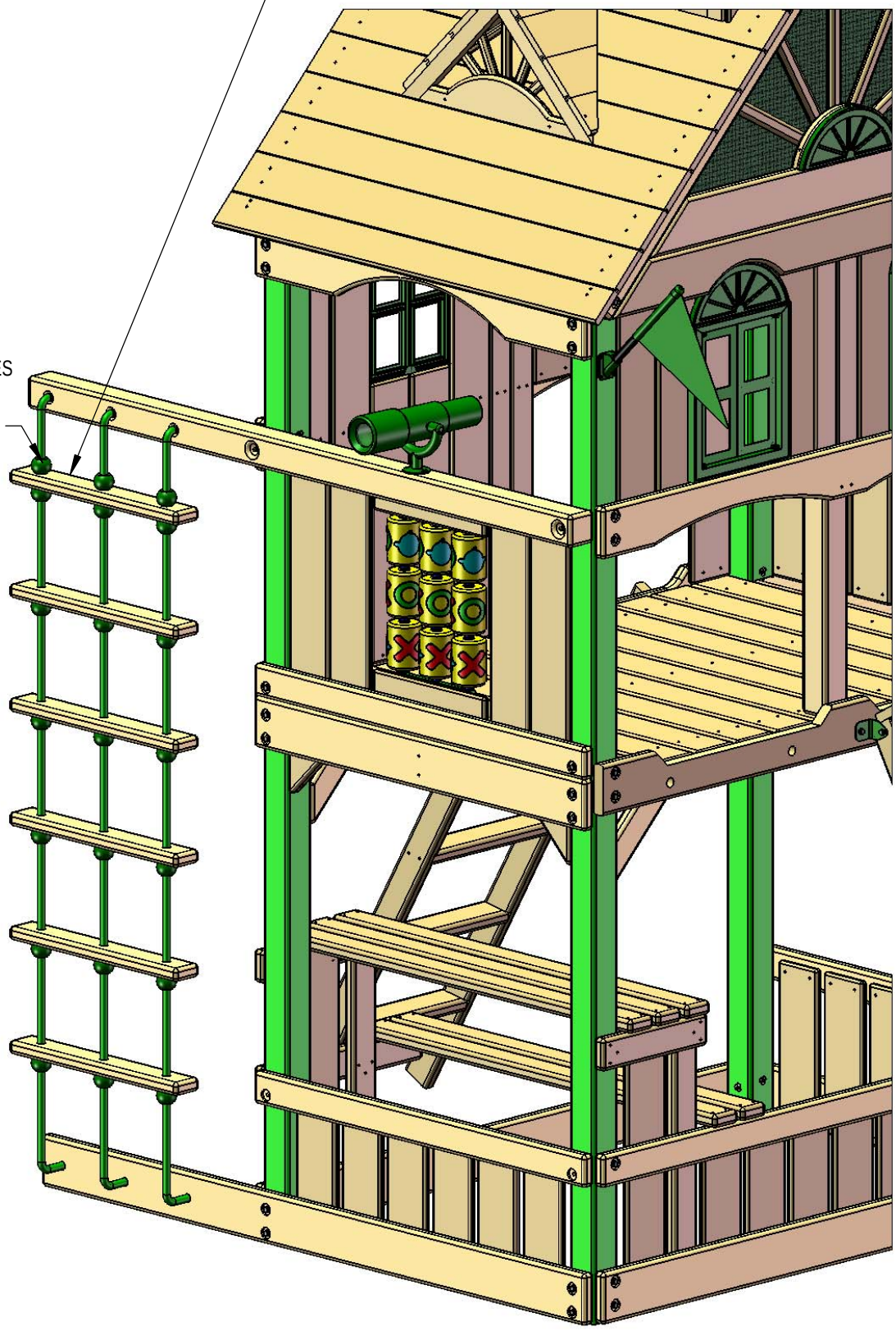


DETAIL A
SCALE 1 : 6

STEP 60: ROPE LADDER

VIEW OF COMPLETED ROPE LADDER ASSEMBLY.
THE NEXT STEP SHOWS YOU HOW TO ASSEMBLE THIS.

THESE BEAD SHAPES
REPRESENT KNOTS
THAT YOU WILL TIE.



STEP 61: ROPE LADDER

1: FIND THREE ROPE LADDER ROPES. MAKE A KNOT IN THE END OF EACH ROPE AND THREAD THE FREE END THROUGH THE BACK SIDE OF THE ROPE LADDER SUPPORT. PULL EACH ROPE TAUGHT.

2: MEASURE DOWN FROM THE BOTTOM OF THE ROPE LADDER SUPPORT 6 INCHES AND TIE A KNOT. THE BOTTOM OF THE KNOT SHOULD BE 6 INCHES BELOW THE ROPE LADDER SUPPORT. SLIDE EACH ROPE THROUGH THE HOLES IN ONE ROPE LADDER RUNG. SLIDE THE RUNG UP AGAINST THE BOTTOM OF THE KNOTS.

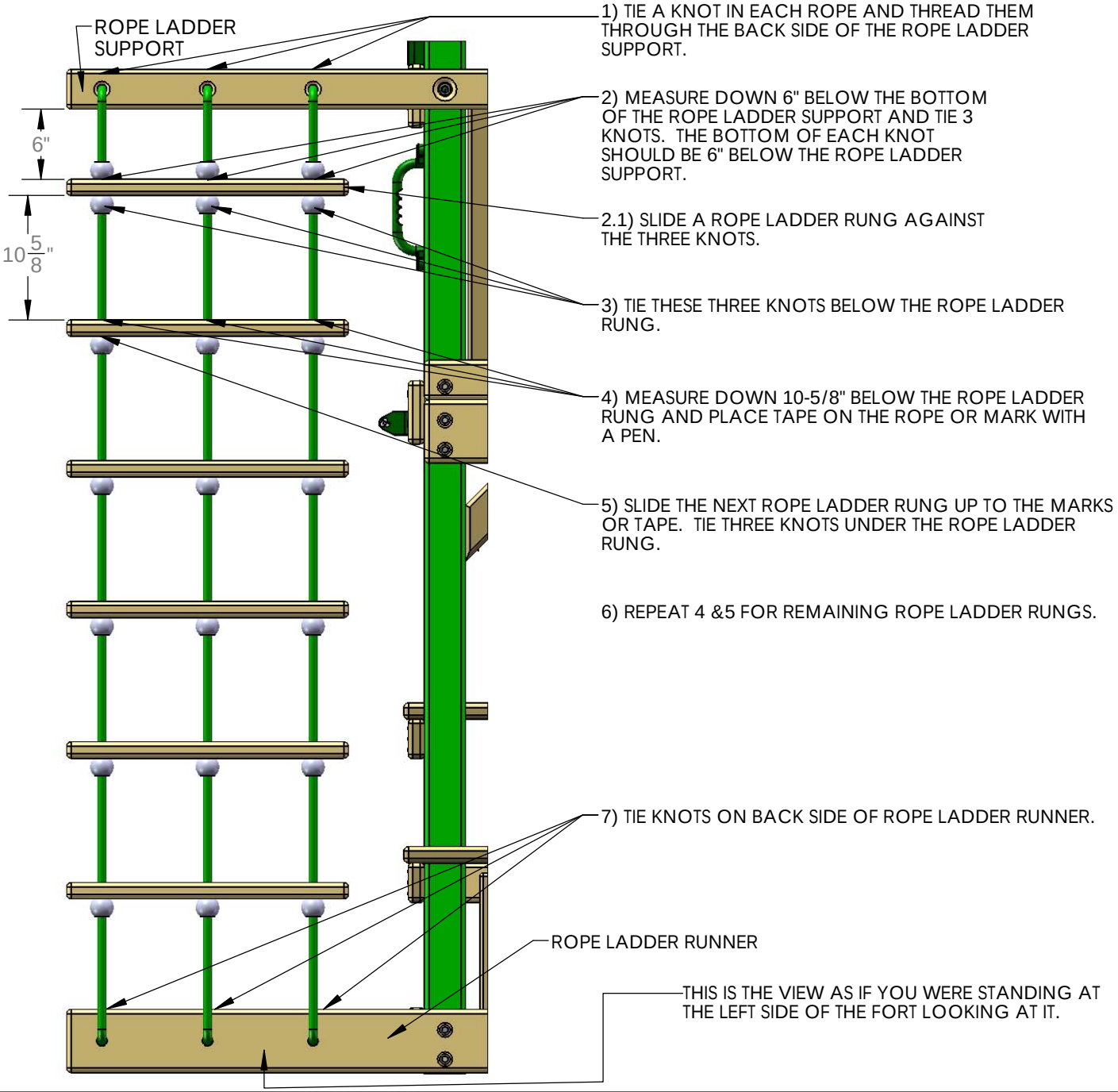
3: TIE THREE KNOTS BELOW THE ROPE LADDER RUNG.

4: MEASURE DOWN FROM THE BOTTOM OF THE ROPE LADDER RUNG 10-5/8 INCHES AND MAKE A MARK ON THE ROPE WITH A PIECE OF TAPE OR A MARKER. THREAD ANOTHER ROPE LADDER RUNG ONTO THE ROPES.

5: WITH THE TOP OF THE RUNG EVEN WITH THE 10-5/8 INCH MARK TIE THREE KNOTS BELOW THE SECOND ROPE LADDER RUNG.

6: REPEAT SUBSTEPS 4-5 FOR THE REMAINING ROPE LADDER RUNGS.

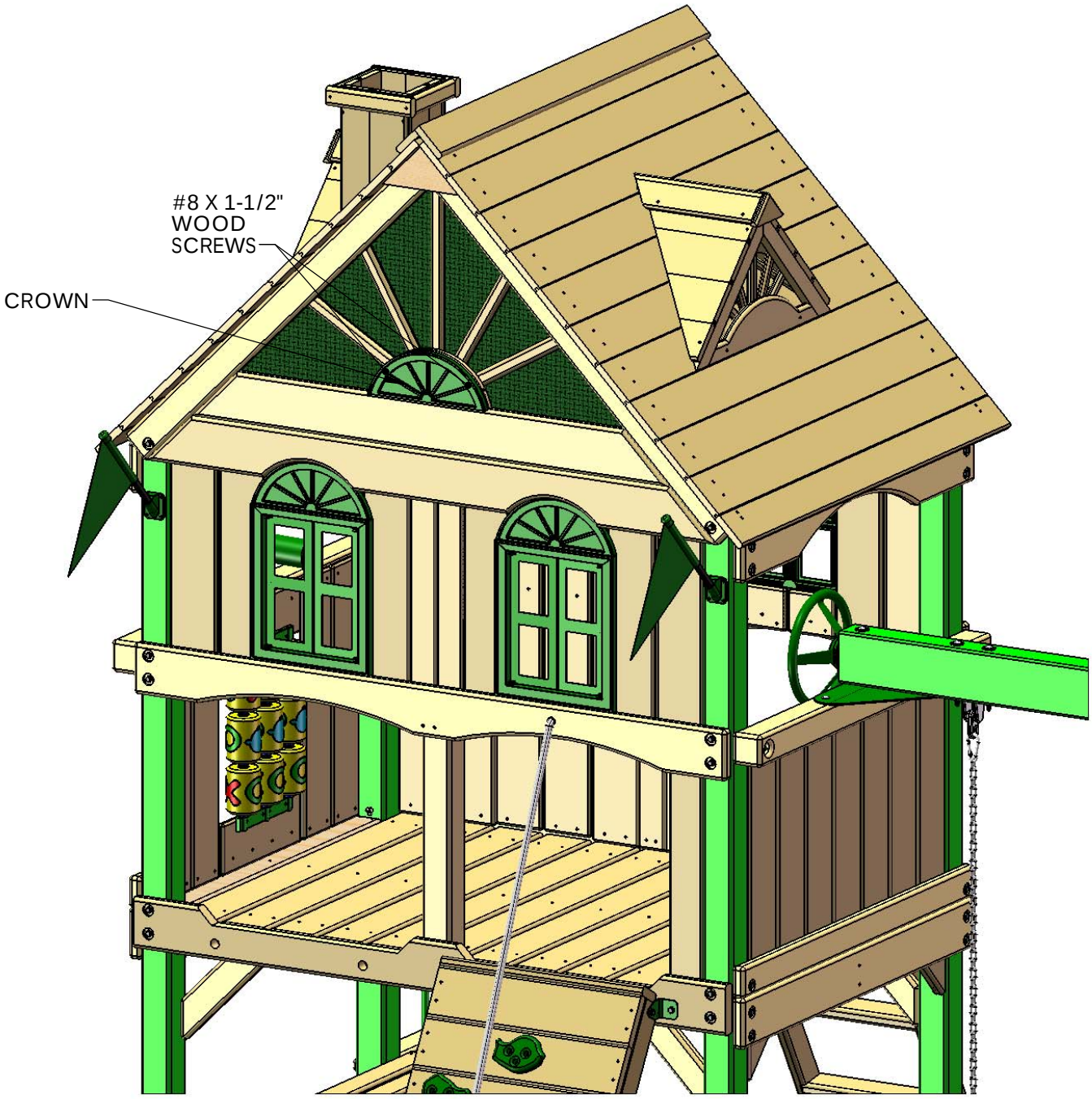
7: THREAD THE BOTTOM END OF EACH ROPE THROUGH THE HOLES IN THE ROPE LADDER RUNNER AND TIE THEM OFF. GRAB EACH EACH ROPE AND ATTEMPT TO WRAP IT AROUND YOUR HAND. IF THE ROPE WRAPS AROUND YOUR HAND IT IS TOO LOOSE. IF THE ROPE IS TOO LOOSE UNTIE THE KNOT BEHIND THE ROPE LADDER RUNNER AND RETIE IT UNTIL YOU CAN NO LONGER WRAP THE ROPE AROUND YOUR HAND.



STEP 62: CROWN

1: PLACE THE CROWN OVER THE WOOD SUN PIECE ON THE FRONT OF THE PLAY SET.

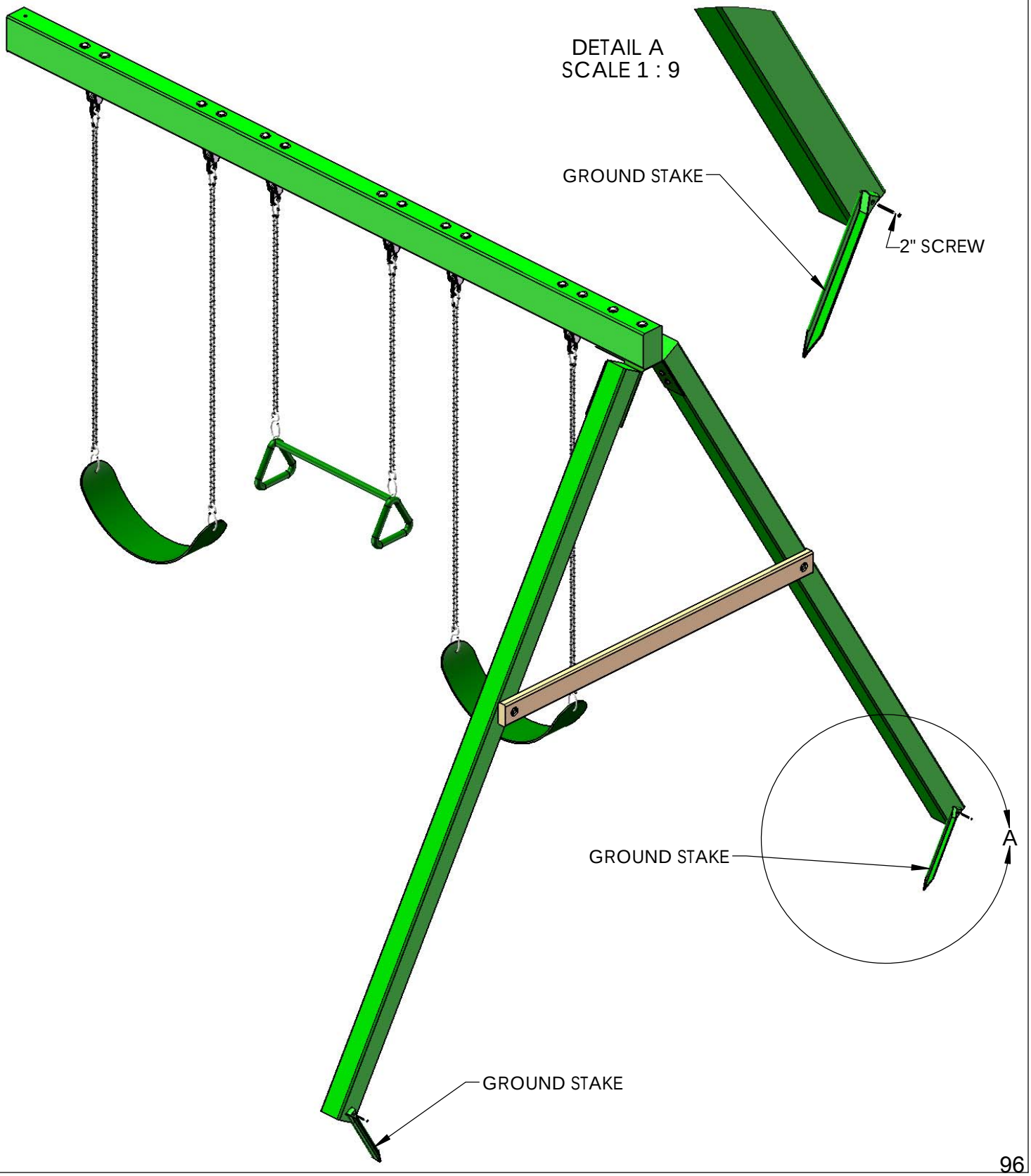
2: ATTACH THE CROWN TO THE SUN WITH TWO #8 X 1-1/2" WOOD SCREWS.



STEP 63: GROUND STAKES

1: HAMMER GROUND STAKES INTO THE GROUND AT AN ANGLE BESIDE THE SWING LEGS AS SHOWN BELOW.

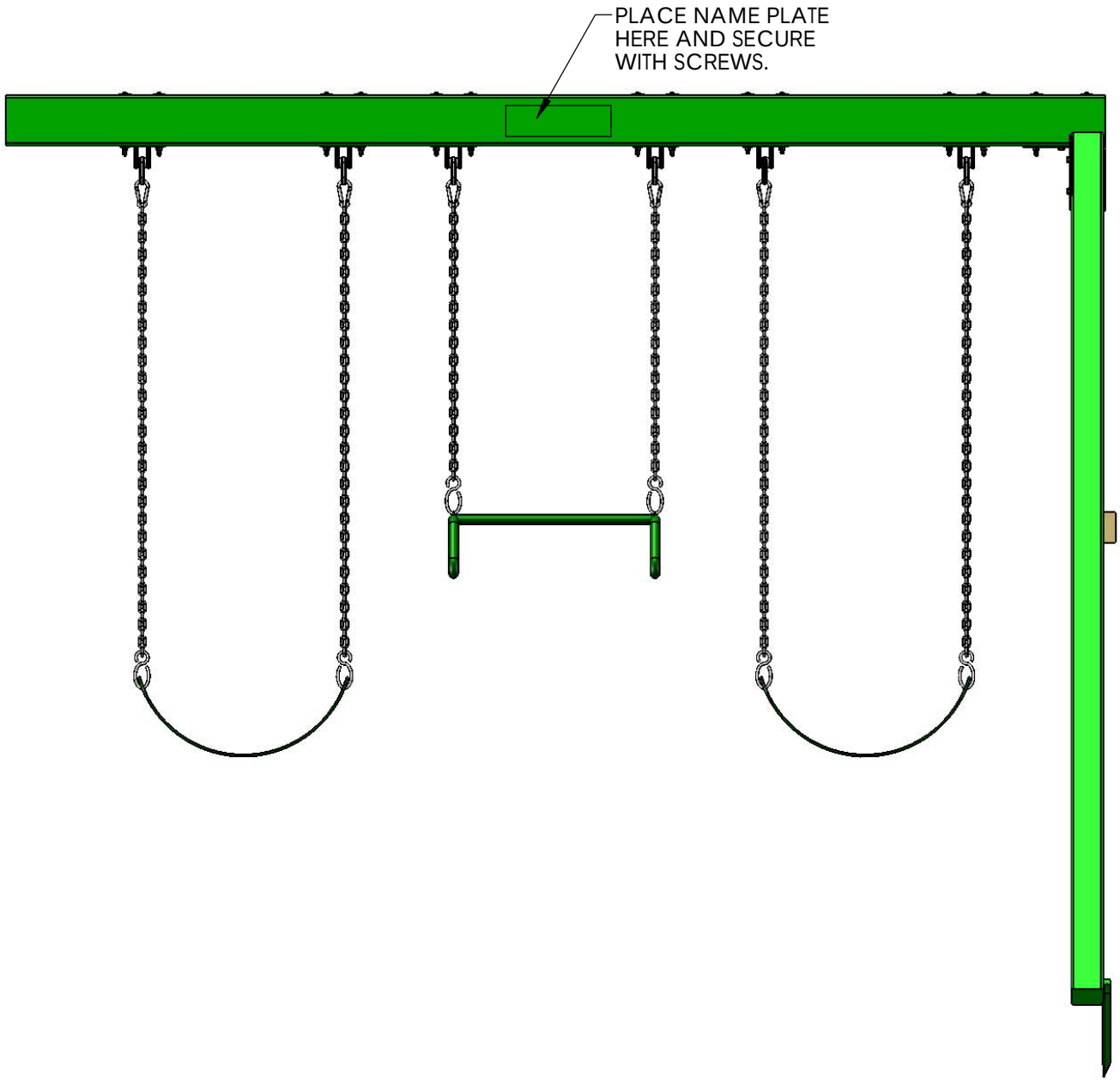
2: FASTEN EACH GROUND STAKE TO THE SWING LEG WITH THE #8 X 2" SCREW PROVIDED.



STEP 64: NAME PLATE

1: PLACE THE MANUFACTURER'S NAME PLATE CENTERED ON THE SWING BEAM.

2: FASTEN THE NAME PLATE TO THE SWING BEAM WITH TWO #8 X 1-1/2" WOOD SCREWS.



PART II

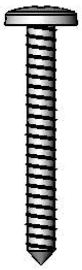
CLATTER BRIDGE

11-0071

1509N HARDWARE

PAGE: 1 OF 1

REV A: 9/19/2014 JH

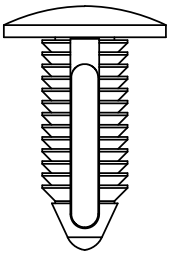


#14 x 1-1/4"
PAN HEAD SCREW
QTY: 6

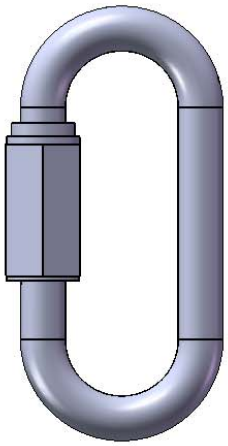
#8 X 2"
WOOD SCREW
QTY: 94

#8 X 2-1/2"
WOOD SCREW
QTY: 18

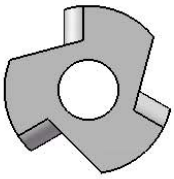
#8 X 3"
WOOD SCREW
QTY: 5



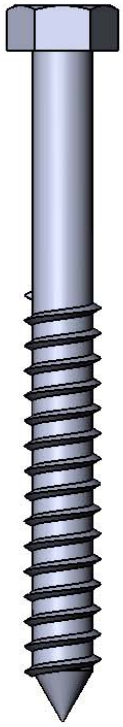
3/8" ∅ X 1-1/8"
BLACK PLASTIC
PLUG
QTY: 4



QUICK LINK
QTY: 2

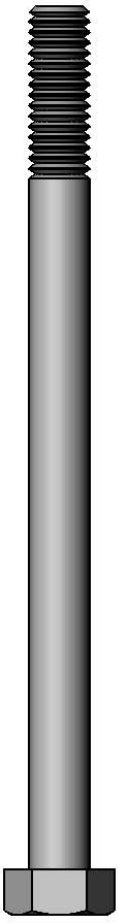


5/16" TEE NUT
QTY: 55

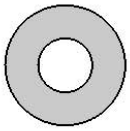


5/16" X 3-1/2"
HEX LAG
SCREW
QTY: 26

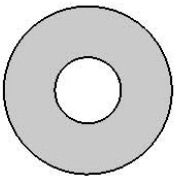
5/16 X 1-3/4"
HEX BOLT
QTY: 30



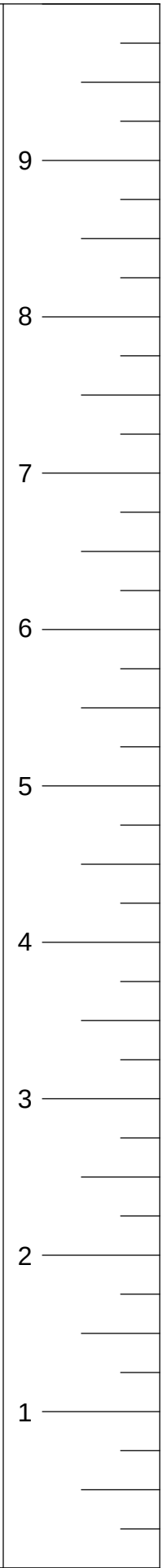
5/16 X 4-1/2"
HEX BOLT
QTY: 25



1/4" WASHER
QTY: 6



5/16" WASHER
QTY: 111



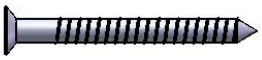
USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.

1509W HARDWARE

PAGE 1 OF 1

9/11/2014 JH

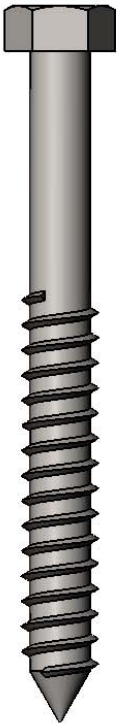
#8 X 1-1/4"
WOOD SCREW
QTY: 8



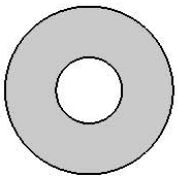
#8 X 1-1/2"
WOOD SCREW
QTY: 60

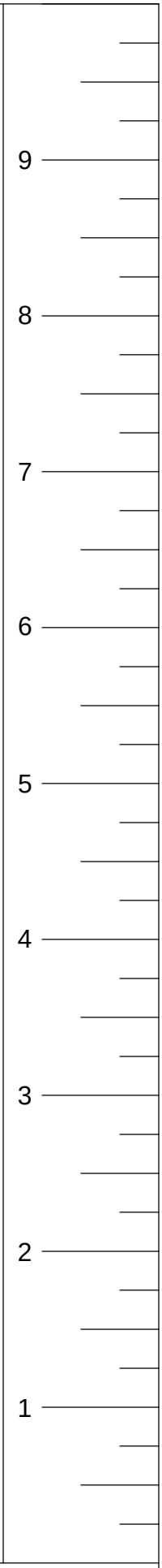
#8 X 2"
WOOD SCREW
QTY: 8

5/16" x 3-1/2"
HEX LAG
SCREW
QTY: 4



5/16" WASHER
QTY: 4



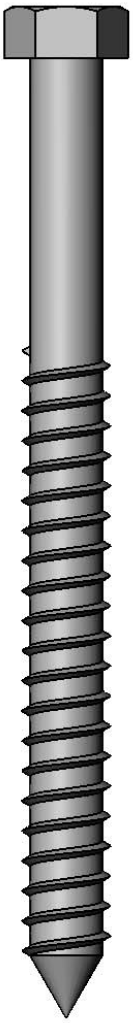


USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.

11-0026

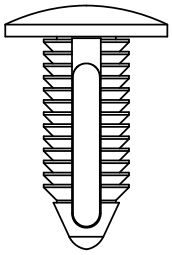
802 - HARDWARE SUPPLIER LIST
REV D
9/12/2014 J.H.

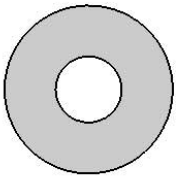
3/8 X 5"
HEX LAG SCREW
QTY: 4



5/16" X 3-1/2"
HEX LAG SCREW
QTY: 4

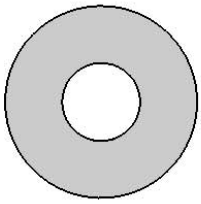
3/8"∅ X 1-1/8"
BLACK PLASTIC
PLUG
QTY: 8





5/16" WASHER
QTY: 4

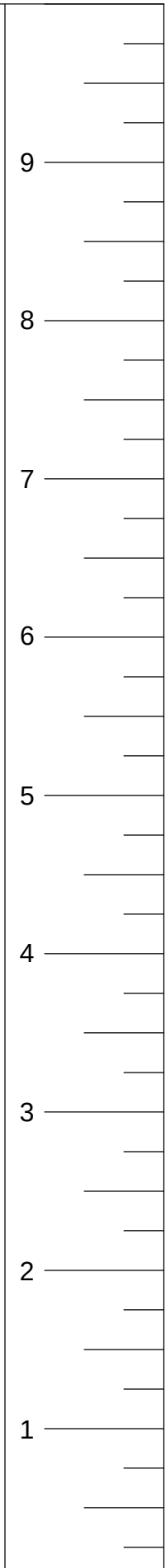
#8 x 2"
WOOD SCREW
QTY: 8



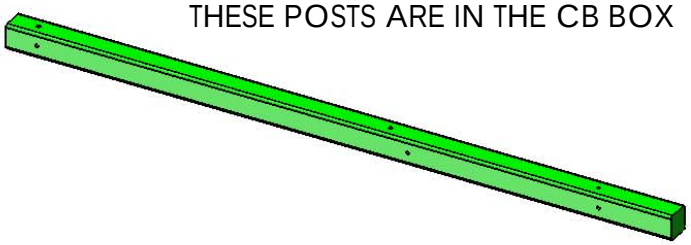
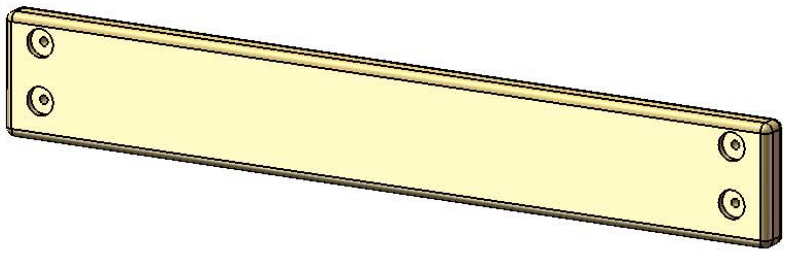
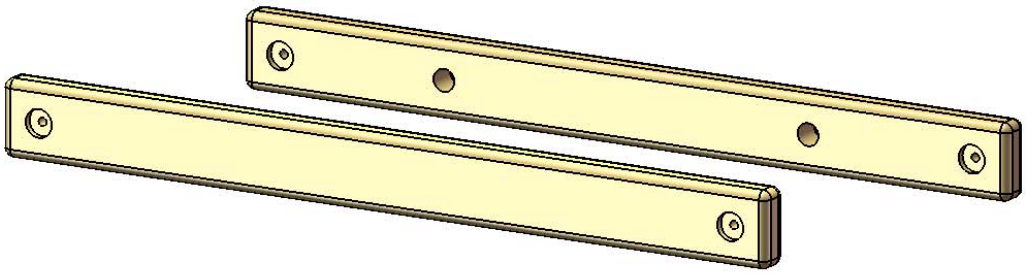
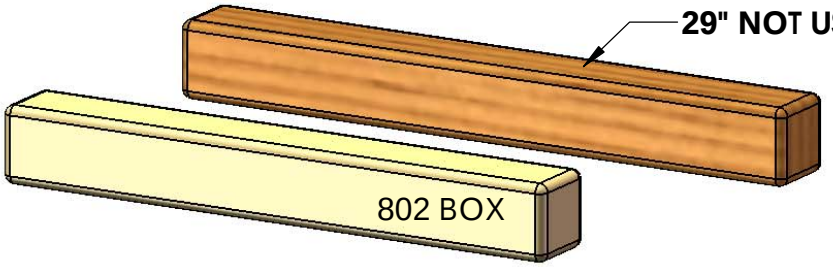
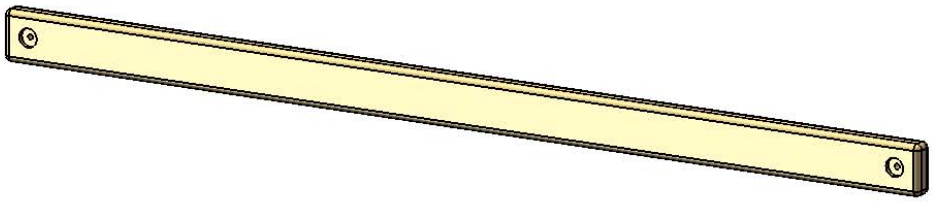
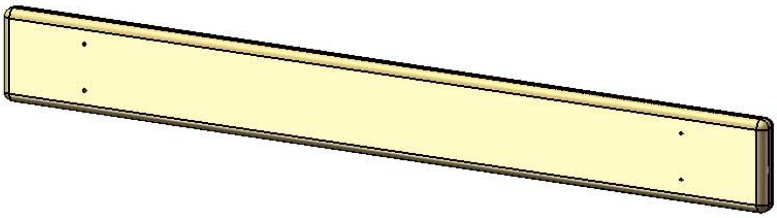
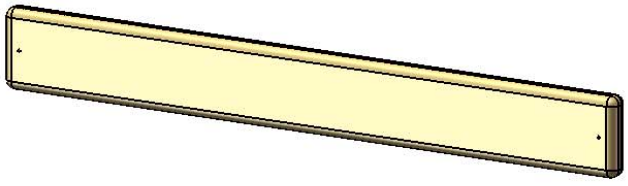
3/8" WASHER
QTY: 4

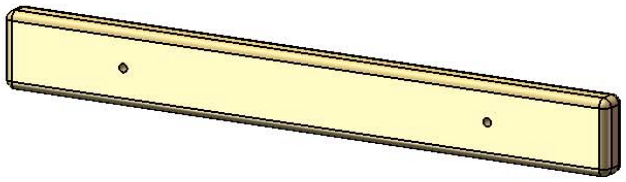
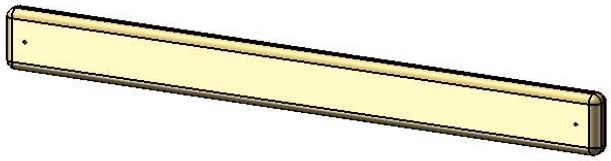
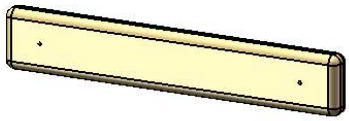
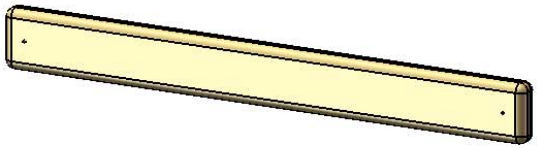
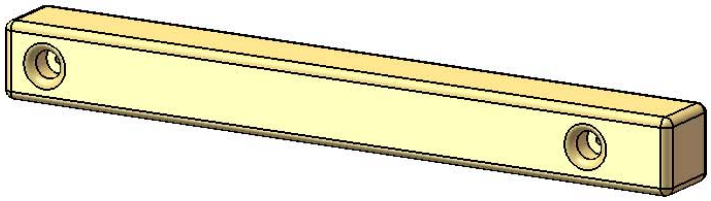
#8 x 2-1/2"
WOOD SCREW
QTY: 16

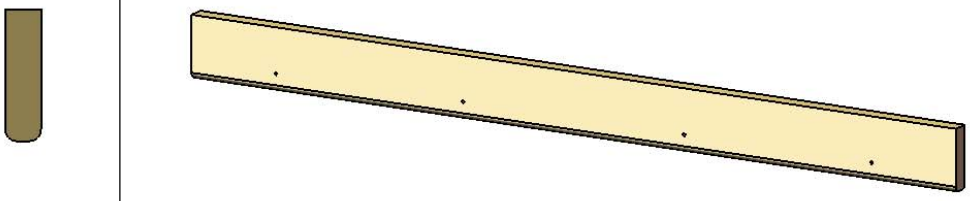
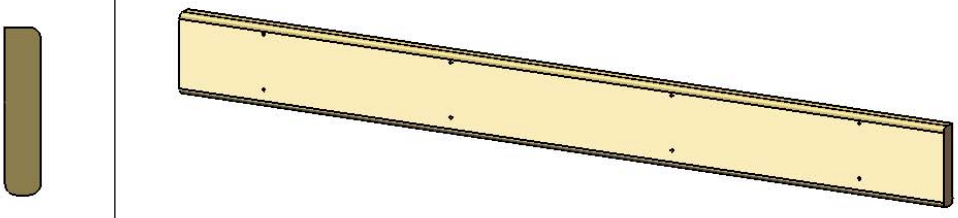
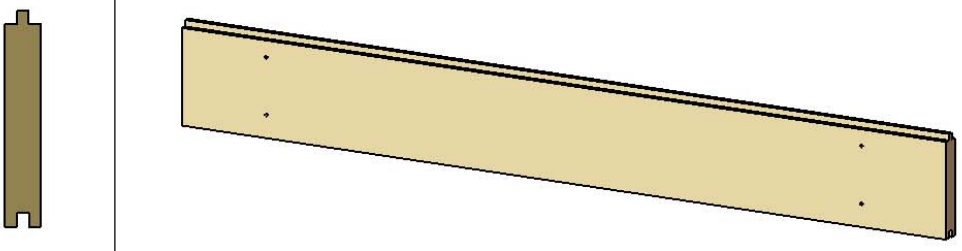
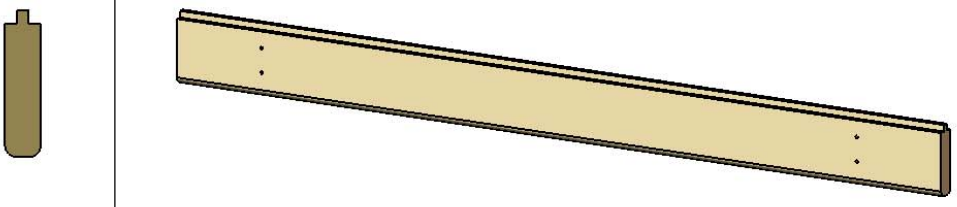
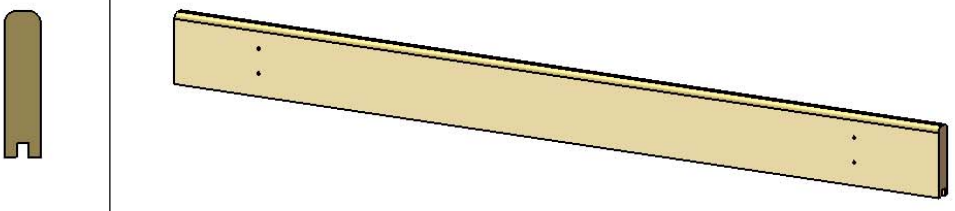
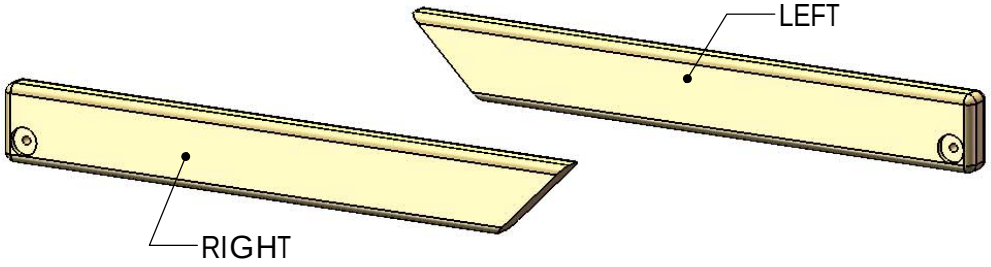
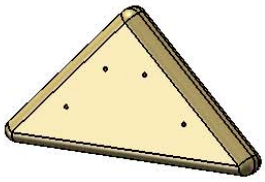
#8 x 3"
WOOD SCREW
QTY: 8



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.
NOTE: THIS IS A LIST OF CLATTER BRIDGE PARTS. IT IS A COMBINATION OF THE 1509N, 1509W AND 802 WOOD KITS. THESE POSTS ARE IN THE CB BOX 	4 x 4 x 96" CORNER POST	**4**
	2 X 6 X 36-3/4" SANDBOX BOARDS	**6**
	2 X 4 X 36-3/4" DECK SUPPORT / BOTTOMPANEL BOARD W/HOLES TOP PANEL/DECK SUPPORT/BOTTOM PANEL BOARD	**2** **6**
	**4 X 4 X 29" CENTER POST (NOT USED)** 4 X 4 X 26" CENTER LAG POST	**1** **1**
	2 X 4 X 66" SAFETY RAIL	**4**
	5/4 X 4 X 36-1/2" DECK BOARD	**7**
	5/4 X 4 X 29-3/8" DECK SPACER	**2**

PICTURE	DESCRIPTION	QTY.
	2 X 4 X 29" BRIDGE DECK BOARD	**15**
	5/4 X 2-5/8" X 28-1/2" PANEL SLAT	**10**
	5/4 X 2-5/8" X 16" BRIDGE SLAT	**20**
802 BOX 	5/4 x 2-5/8" x 25" PANEL SLAT LEFT	**1**
802 BOX 	4 X 4 X 32" RAD RIDE 5 LAG POST	**2**
	96" CHAIN SECTION	**2**

PICTURE	DESCRIPTION	QTY.
	1 X 3 X 36-3/4" ROOF PEAK BOARD 2 **1-3-3675-RPB2**	**1**
	1 X 4 X 36-3/4" ROOF PEAK BOARD 1 **1-4-3675-RPB1**	**1**
	1 X 5 X 36-3/4" ROOF BOARD **1-5-3675-RB**	**10**
	1 X 4 X 36-3/4" ROOF FINISHER **1-4-3675-RF**	**2**
	1 X 4 X 36-3/4" ROOF STARTER **1-4-3675-RS**	**2**
	2 X 4 X 27" ROOF SUPPORT LEFT **2-4-2700-RSL** RIGHT **2-4-2700-RSR**	**2** **2**
	5/4 X 6 X 10" ROOF PEAK SUPPORT **125-6-1000-RPS**	**2**

STEP 1: ATTACHING T-NUTS TO THE CORNER POSTS

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

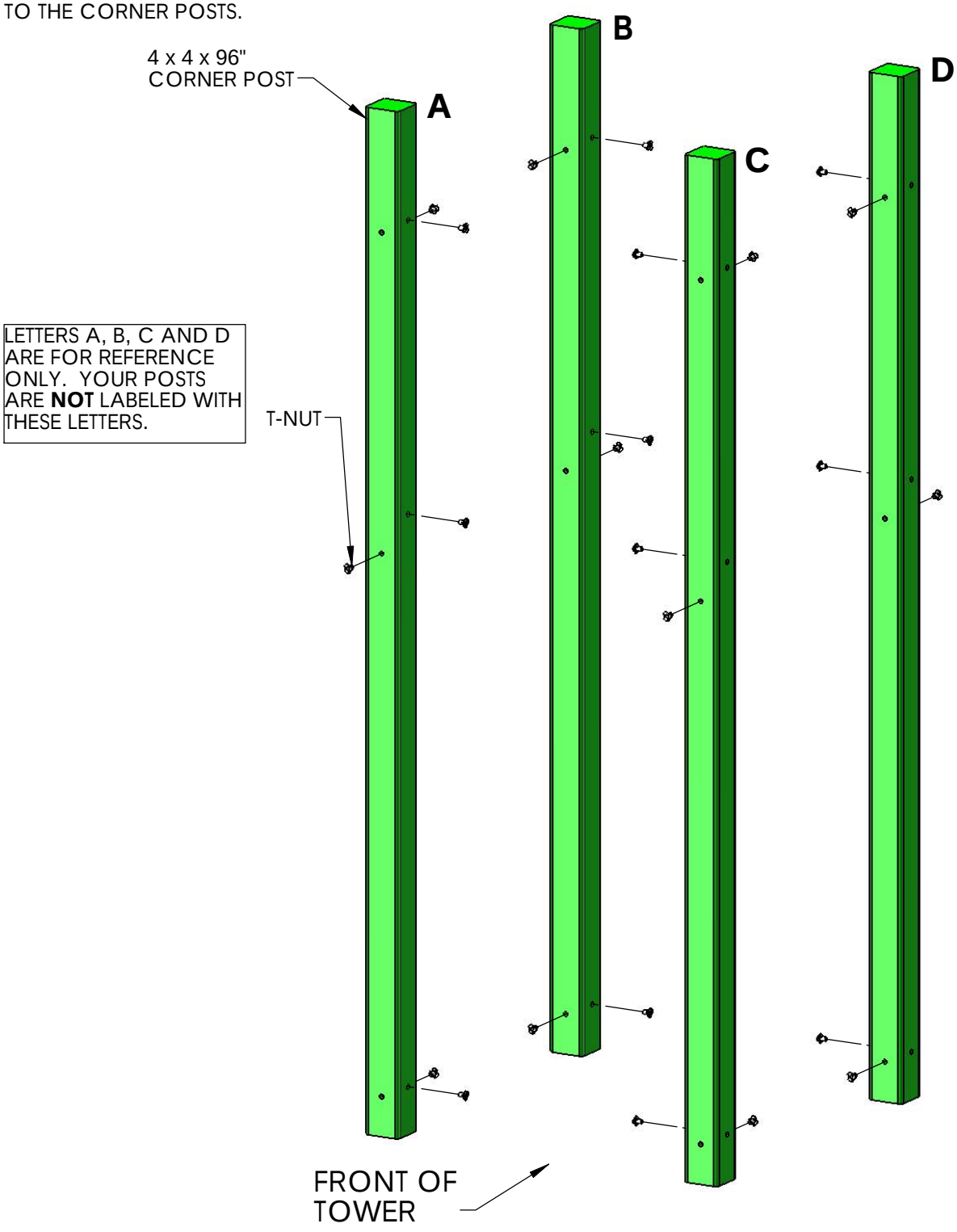
2: MAKE SURE HOLES ARE FREE OF ANY OBSTRUCTIONS. USE A BOLT TO CLEAN OUT ANY DEBRIS.

3: LAY OUT EACH OF THE 4 X 4 X 96" CORNER POSTS IN THE AREA YOU INTEND ON BUILDING THE TOWER OF THE CLATTER BRIDGE.

4: USE THE DIAGRAM BELOW TO CORRECTLY IDENTIFY AND ORIENT THE NECESSARY DIRECTION THE POSTS SHOULD FACE. NOTE LETTERS A, B, C AND D ARE FOR REFERENCE ONLY. YOUR POSTS ARE **NOT** LABELED WITH THESE LETTERS.

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

6: 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 2: ASSEMBLING THE RIGHT SIDE FRAME

1: LAY THE 2 X 6 X 36-3/4" SANDBOX BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS AT THE BOTTOM OF THE CORNER POSTS. THE COUNTERSUNK HOLES IN THE SANDBOX BOARD MUST BE OFFSET UP.

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

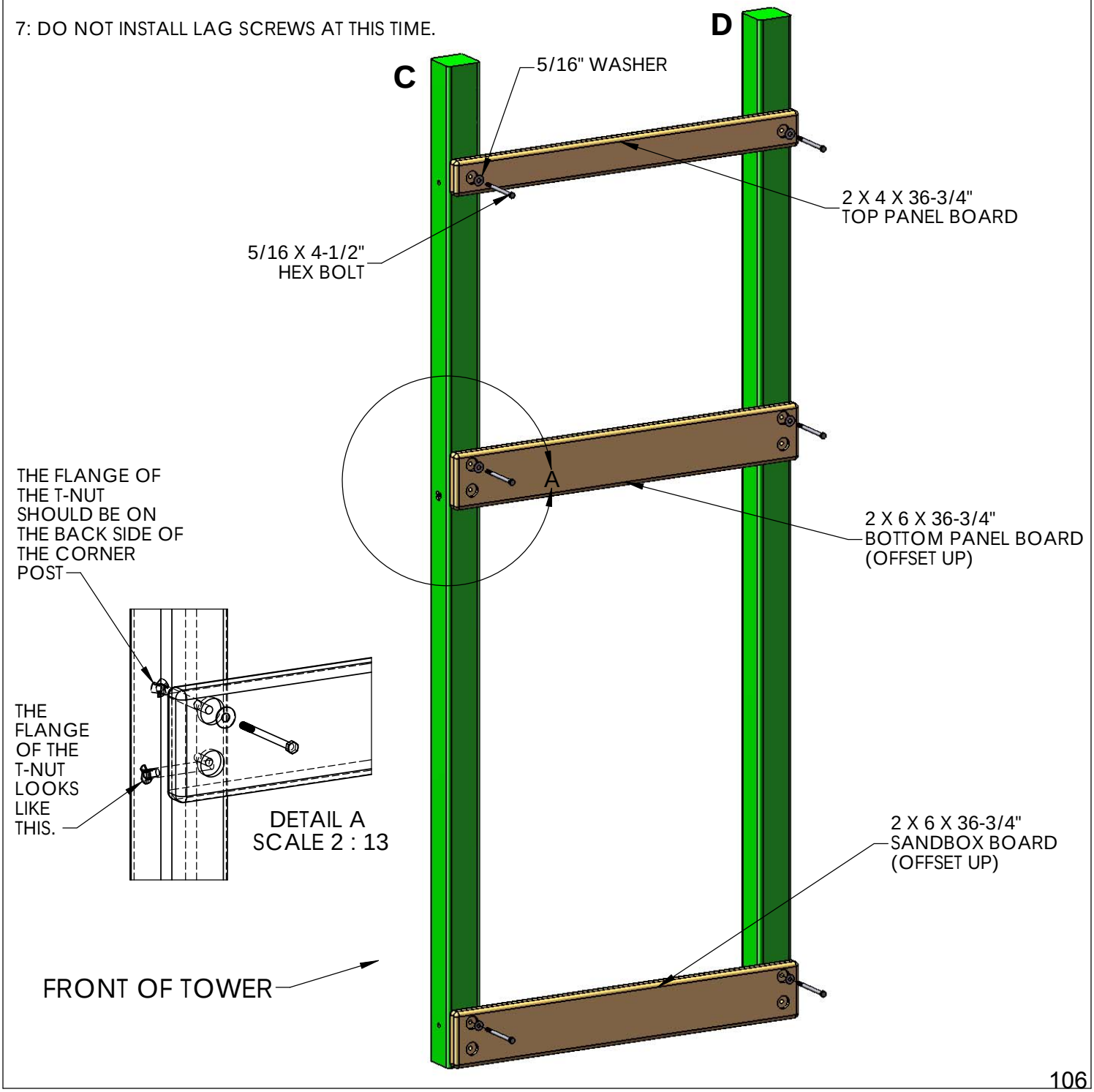
3: LAY THE 2 X 6 X 36-3/4" BOTTOM PANEL BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE COUNTERSUNK HOLES IN THE BOTTOM PANEL BOARD MUST BE OFFSET UP.

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: LAY THE 2 X 4 X 36-3/4" TOP PANEL BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS.

6: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE COUNTERSUNK 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 3: ASSEMBLING THE LEFT SIDE FRAME

1: LAY THE 2 X 6 X 36-3/4" SANDBOX BOARD ON TOP OF THE LEFT SIDE CORNER POSTS AT THE BOTTOM OF THE CORNER POSTS. THE COUNTERSUNK HOLES IN THE SANDBOX BOARD MUST BE OFFSET UP.

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

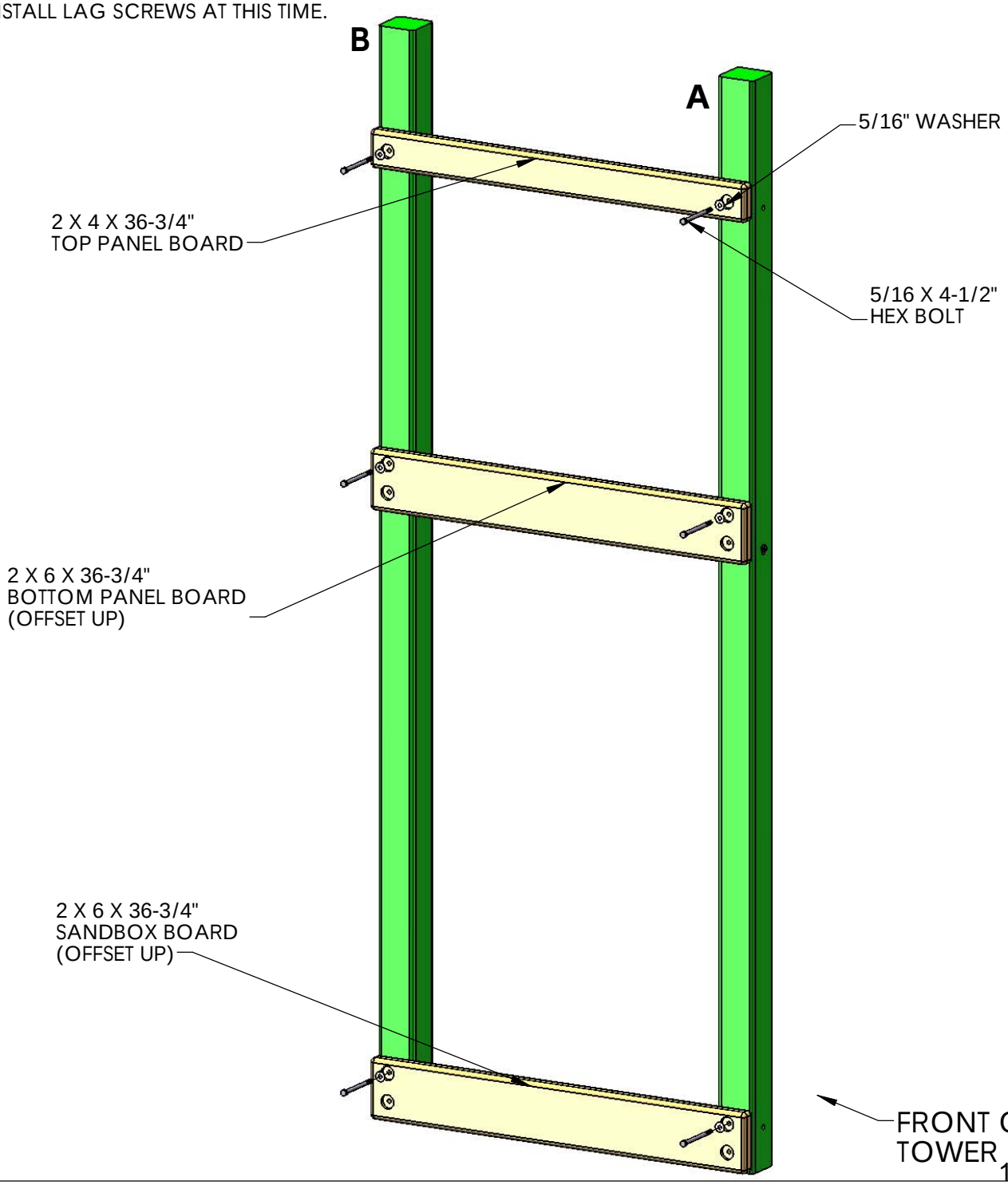
3: LAY THE 2 X 6 X 36-3/4" BOTTOM PANEL BOARD ON TOP OF THE LEFT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE COUNTERSUNK HOLES IN THE BOTTOM PANEL BOARD MUST BE OFFSET UP.

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: LAY THE 2 X 4 X 36-3/4" TOP PANEL BOARD ON TOP OF THE LEFT SIDE CORNER POSTS.

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

7: DO NOT INSTALL LAG SCREWS AT THIS TIME.

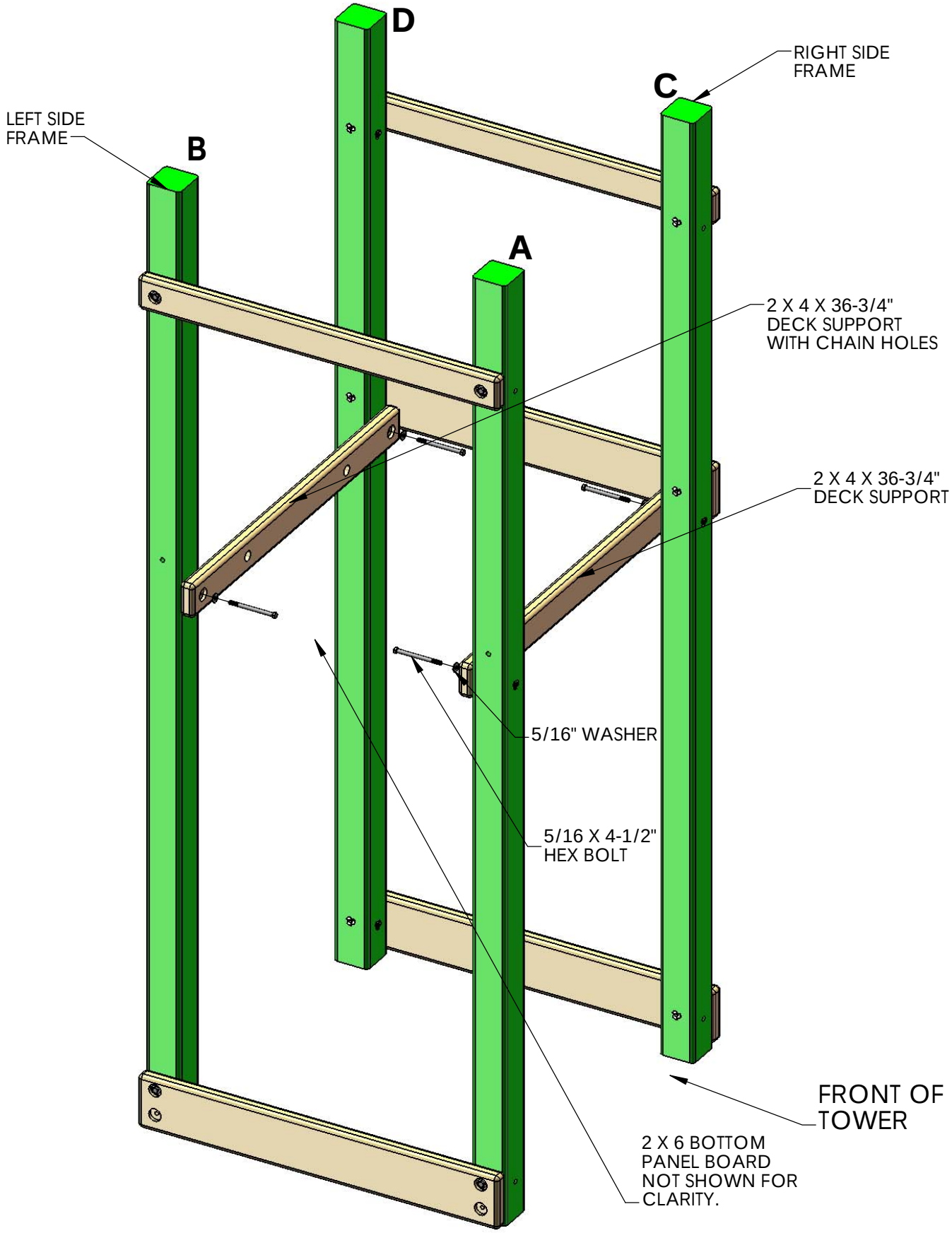


STEP 4: DECK SUPPORTS

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 36-3/4" DECK SUPPORTS TO THE HOLES AT 54-1/2" WITH 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS FROM THE INSIDE OF THE CORNER POST.



STEP 5: FRONT FRAME ASSEMBLY

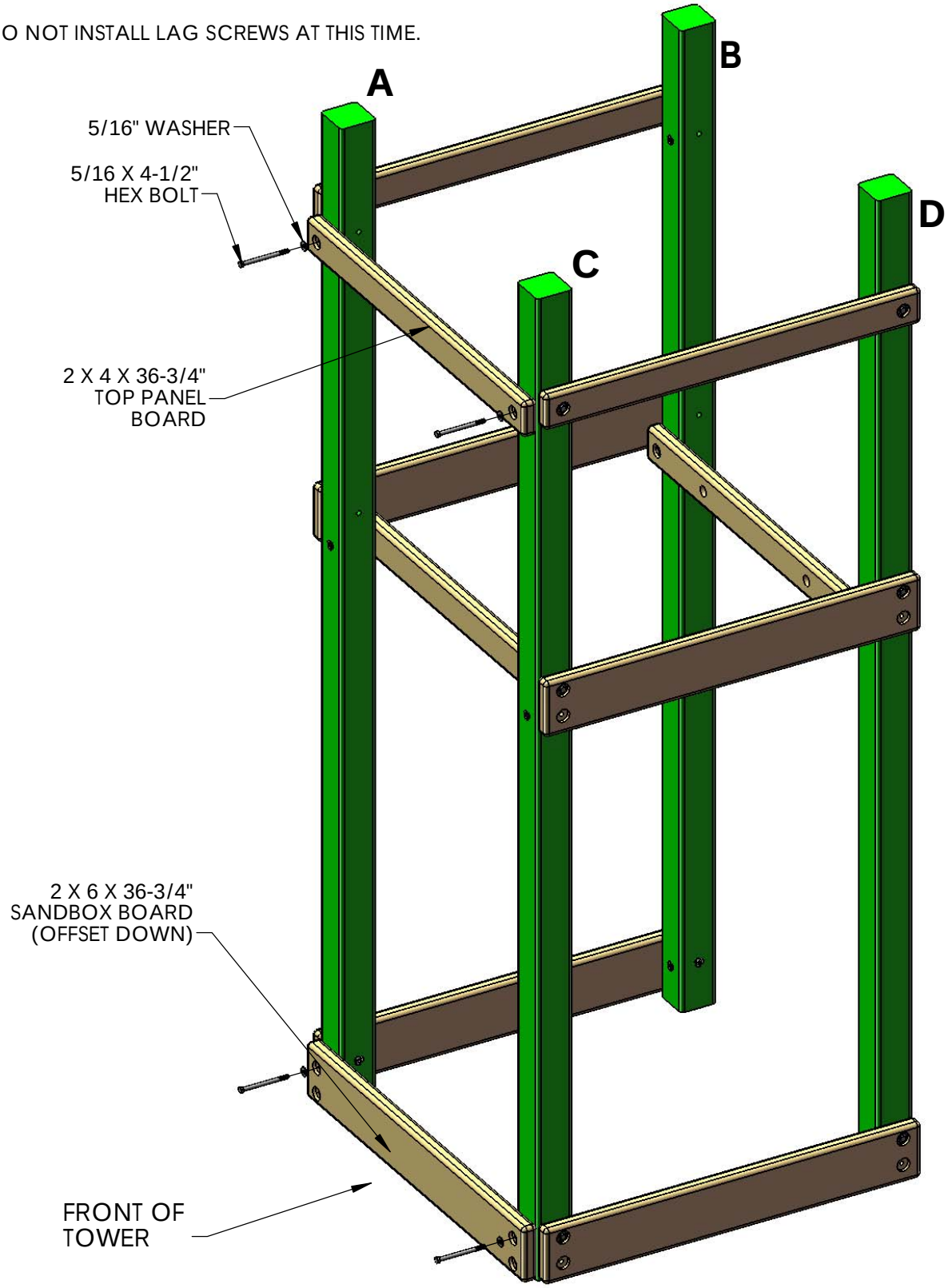
1: PLACE THE 2 X 6 X 36-3/4" SANDBOX BOARD ON THE FRONT OF THE CORNER POSTS. THE HOLES IN THE SANDBOX BOARD SHOULD BE OFFSET DOWN.

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

3: PLACE THE 2 X 4 X 36-3/4" TOP PANEL BOARD ON THE FRONT OF THE CORNER POSTS.

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

5: DO NOT INSTALL LAG SCREWS AT THIS TIME.



STEP 6: REAR FRAME ASSEMBLY

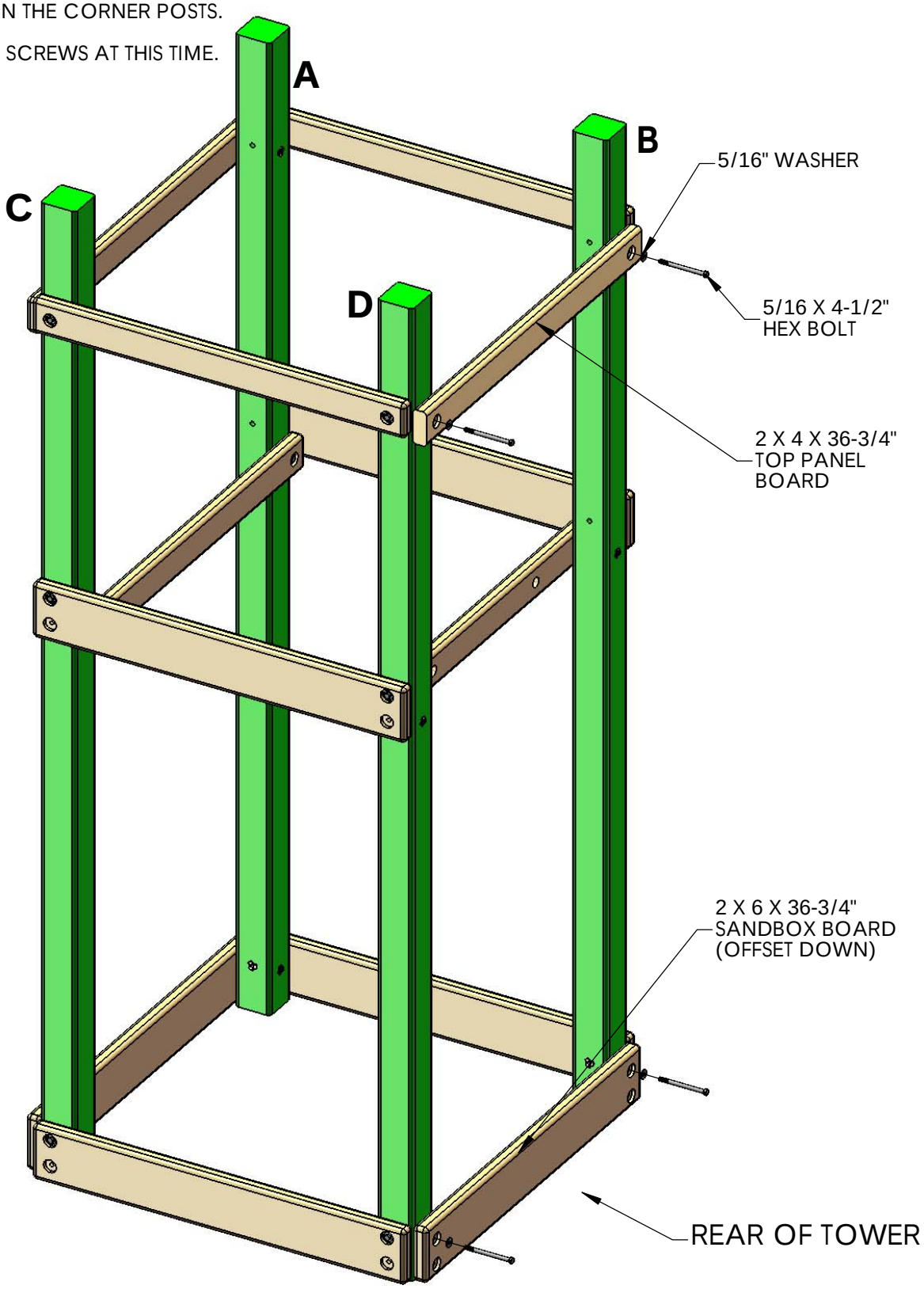
1: PLACE THE 2 X 6 X 36-3/4" SANDBOX BOARD ON THE REAR OF THE CORNER POSTS. THE HOLES IN THE SANDBOX BOARD SHOULD BE OFFSET DOWN.

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

3: PLACE THE 2 X 4 X 36-3/4" TOP PANEL BOARD ON THE REAR OF THE CORNER POSTS.

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

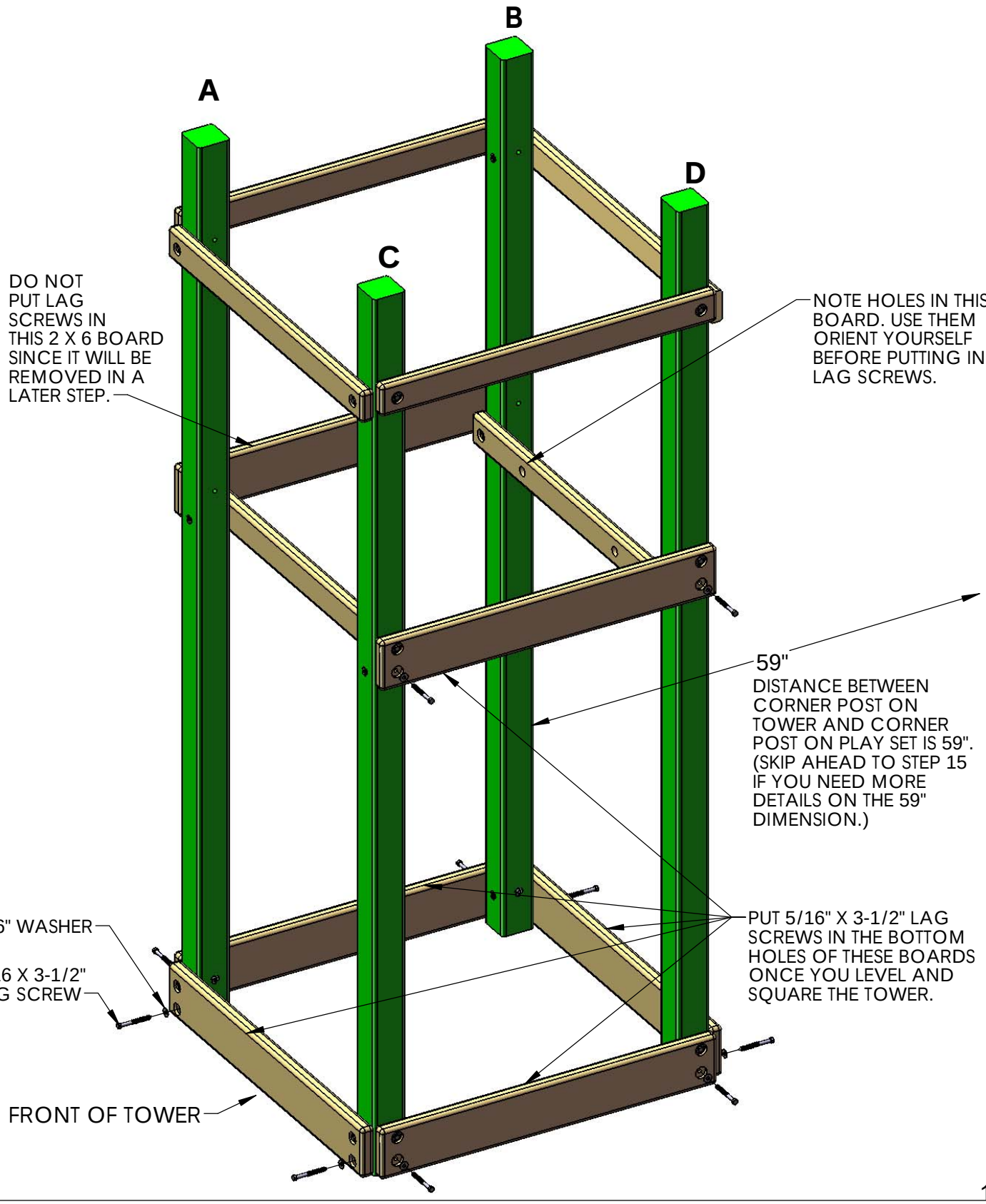
5: DO NOT INSTALL LAG SCREWS AT THIS TIME.



STEP 7: LAG SCREWS

1: PLACE THE FRAME IN ITS FINAL POSITION AND FOLLOW THE PROCEDURES AT THE FRONT OF THE MANUAL TO LEVEL AND SQUARE THE STRUCTURE. TO SQUARE AND LEVEL THE DECK OF THE TOWER TO THE DECK OF THE FORT PLACE A DECK BOARD ACROSS THE 2 X 4'S. THEN PLACE A 2 X 4 X 66" BRIDGE RAIL ON TOP OF THE DECK BOARD AND ON TOP OF THE FORT DECK. PLACE A LEVEL ON TOP OF THE 66" BRIDGE RAIL, THEN MAKE THE DECKS LEVEL TO ONE ANOTHER.

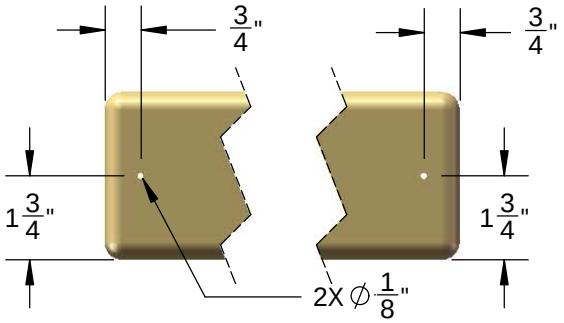
2: ONCE THE FRAME IS LEVEL, SQUARE, AND SET INTO POSITION; GO BACK AND INSERT THE 5/16 X 3-1/2" LAG SCREWS AND 5/16" WASHERS IN THE REMAINING HOLES OF THE 2 X 6 PARTS SHOWN BELOW. NOTE: THERE WILL NOT BE ANY PREDRILLED HOLES IN THE CORNER POSTS FOR THE LAG SCREWS. LAG SCREWS ARE SELF-TAPPING.



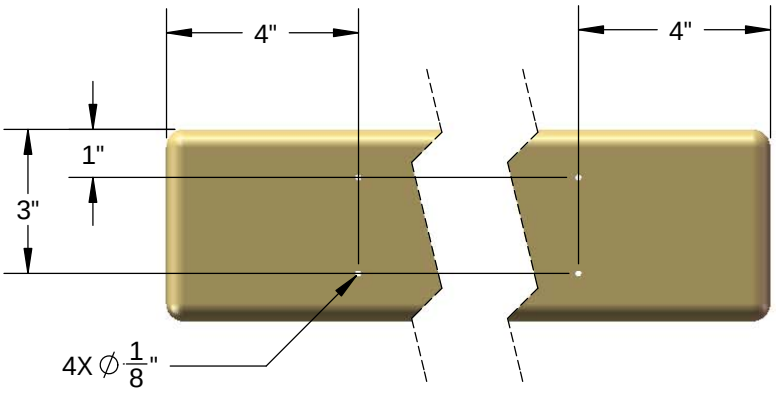
STEP 8: DECK BOARDS

THE FOLLOWING STEP IS RECOMMENDED TO PREVENT POSSIBLE SPLITS IN THE WOOD

1: YOUR DECK SPACERS AND DECK BOARDS SHOULD BE PRE-DRILLED FROM THE FACTORY. IF THEY ARE NOT PRE-DRILLED OR IF HOLES ARE MISSING THEN DRILL 1/8" HOLES USING THE DIMENSIONS SHOWN BELOW.

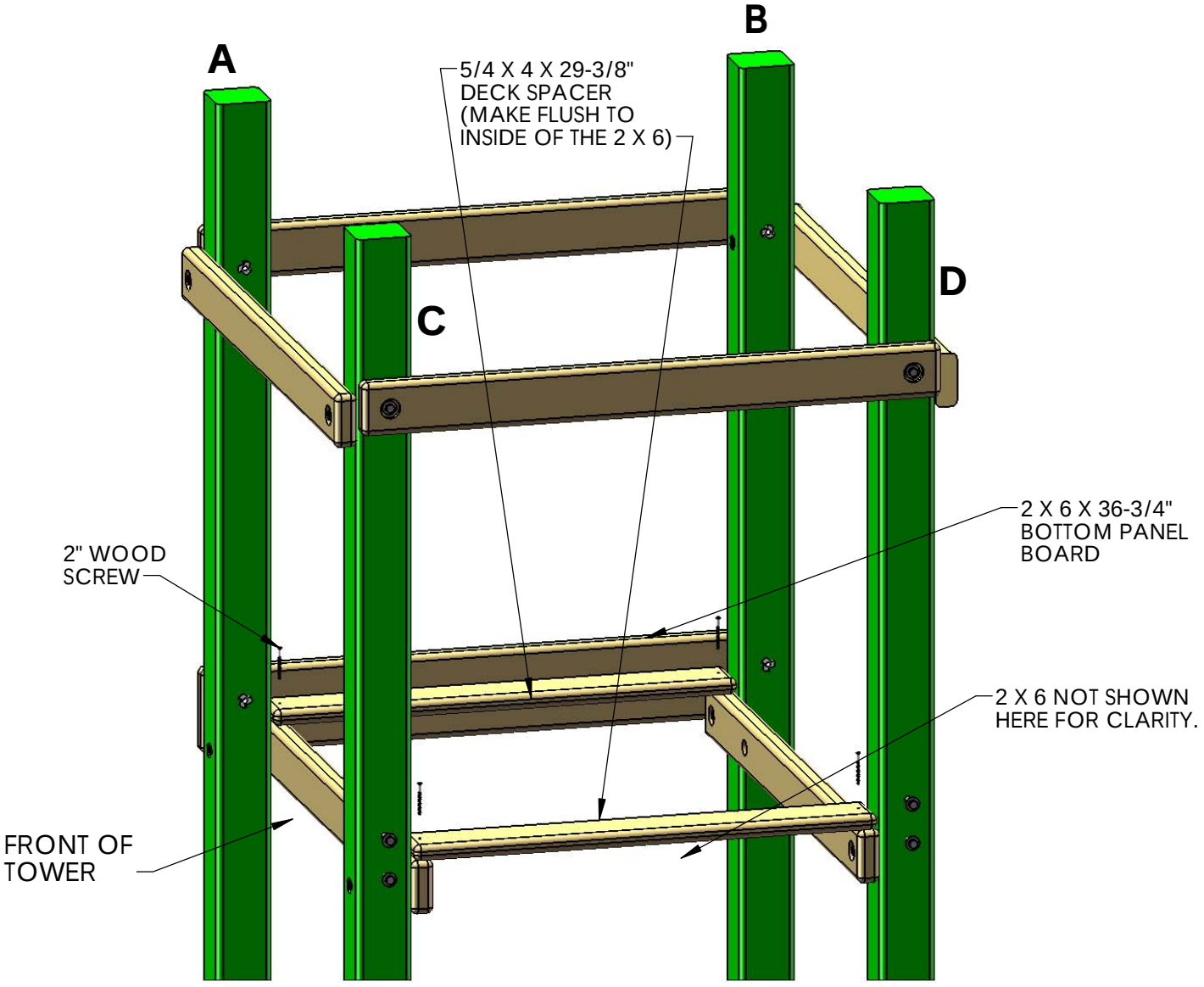


5/4 X 4 X 29-3/8"
DECK SPACER



5/4 X 4 X 36-1/2"
DECK BOARD

2: PLACE THE 5/4 X 4 X 29-3/8" DECK SPACERS BETWEEN THE CORNER POSTS. MAKE EACH DECK SPACER FLUSH TO THE INSIDE SURFACE OF THE 2 X 6. ATTACH EACH DECK SPACER TO THE DECK SUPPORTS WITH TWO 2" WOOD SCREWS. NOTE THE TOP OF THE SCREW HEAD SHOULD BE FLUSH WITH THE TOP OF THE DECK SPACER.

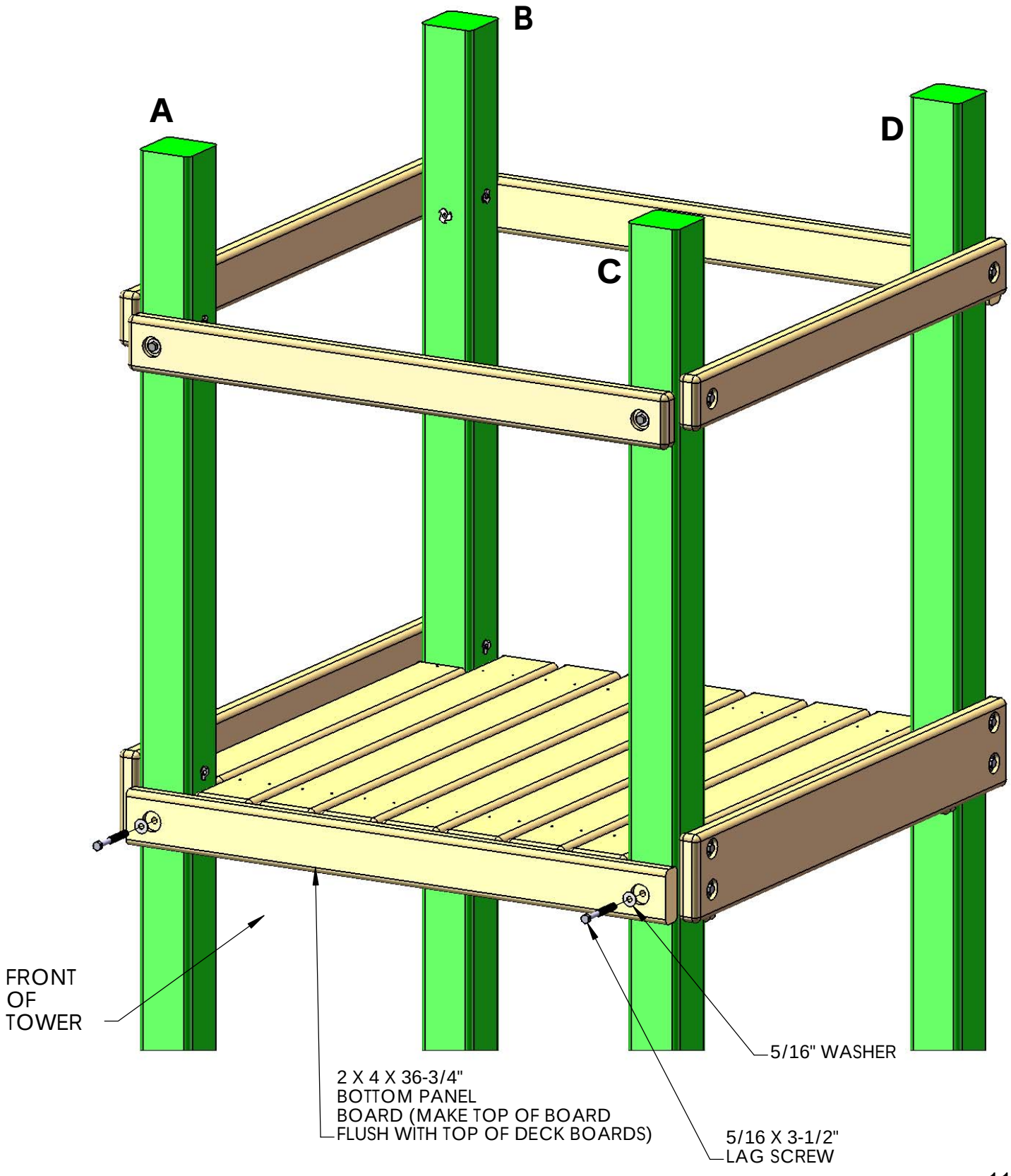


STEP 9: FRONT FACE BOARD

1: PLACE THE 5/4 X 4 X 36-1/2" DECK BOARDS ON TOP OF THE DECK SUPPORTS. DO NOT FASTEN THE DECK BOARDS AT THIS TIME.

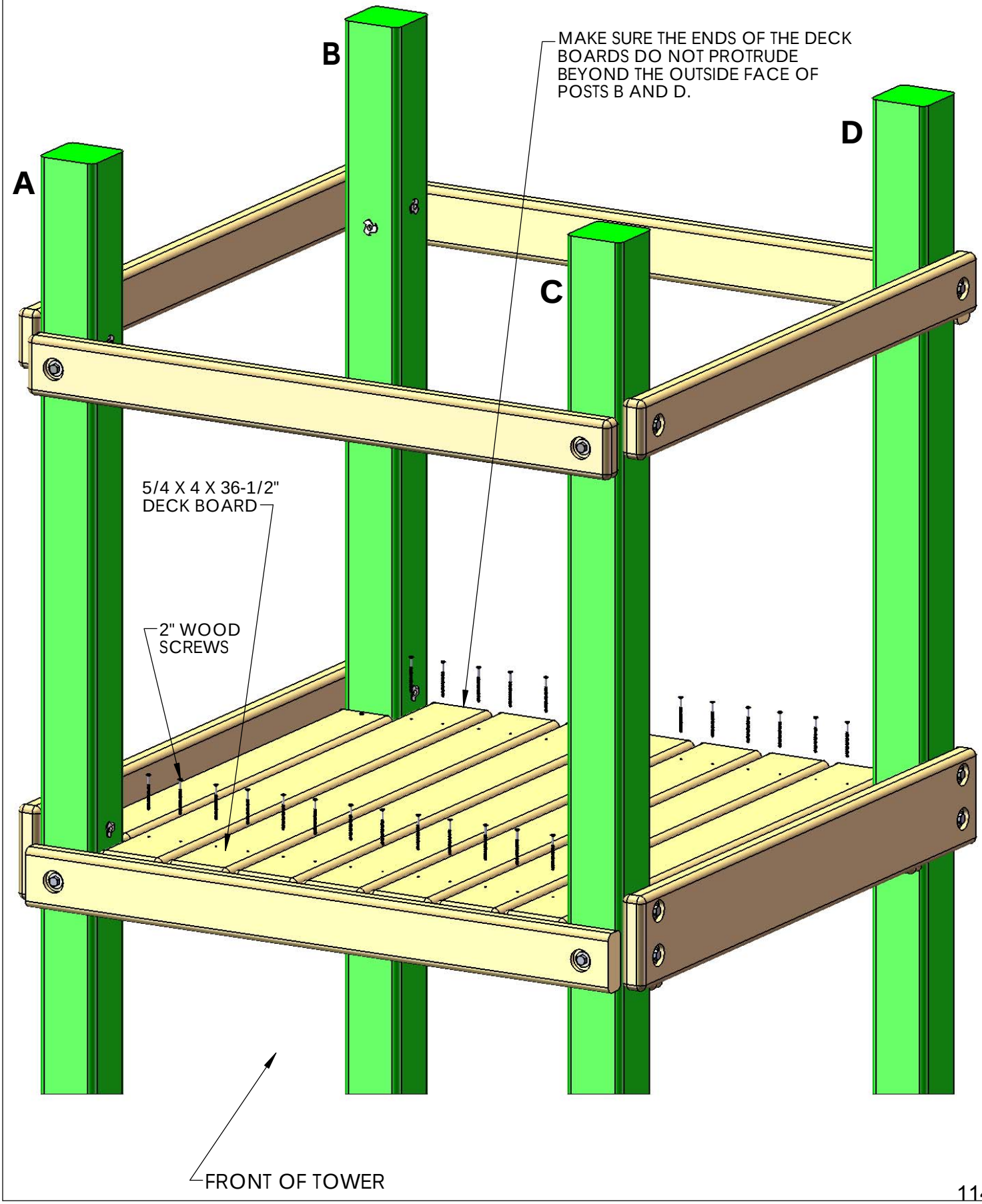
2: PLACE THE 2 X 4 X 36-3/4" BOTTOM PANEL BOARD AGAINST THE FRONT CORNER POSTS, AND LEVEL THE TOP OF THE BOARD WITH THE TOP OF THE DECK BOARDS.

3: FASTEN THE BOTTOM PANEL BOARD TO THE CORNER POSTS WITH 5/16 X 3-1/2" LAG SCREWS WITH 5/16" WASHERS.



STEP 10: DECK

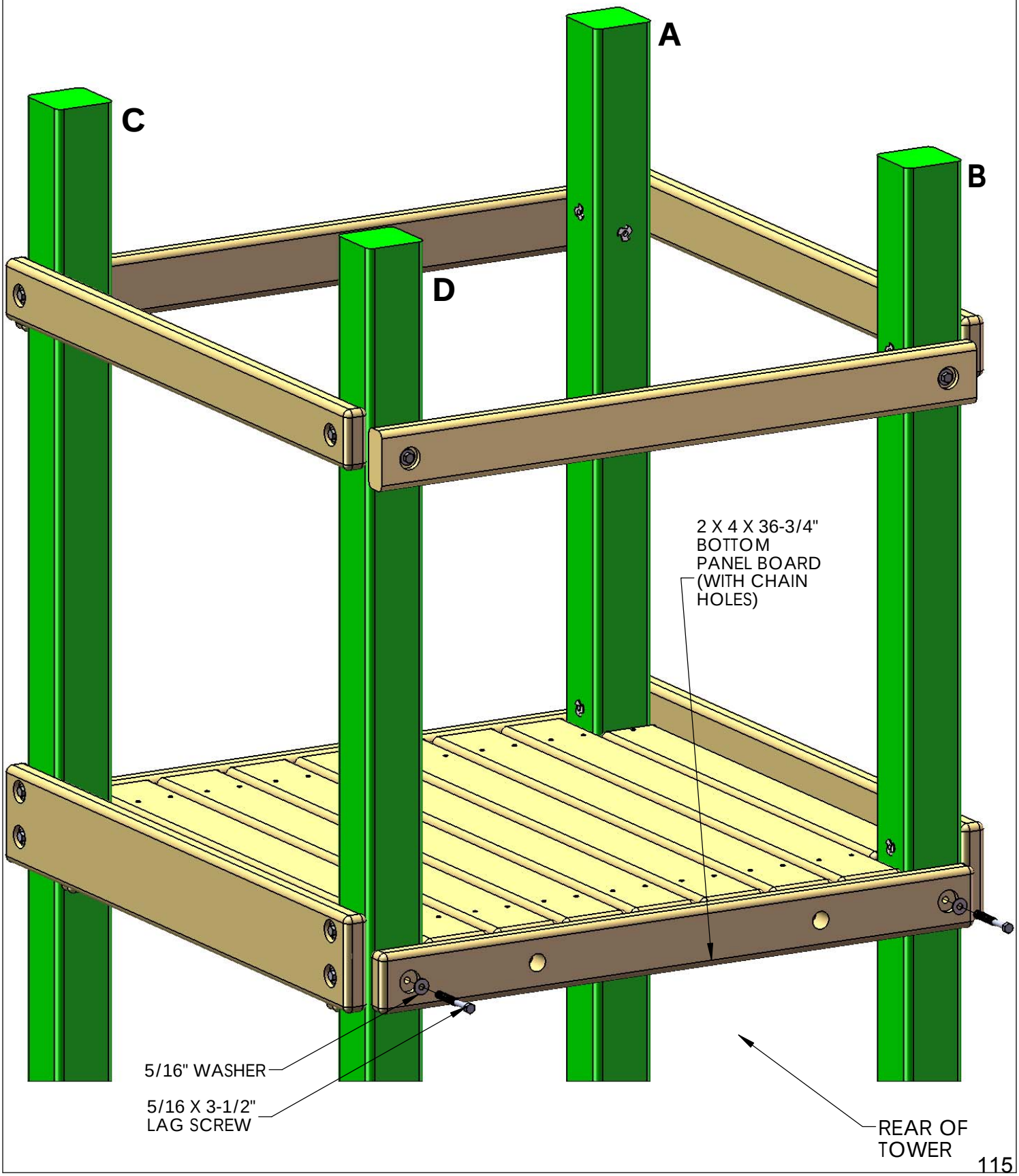
1: INSTALL SEVEN 5/4 X 4 X 36-1/2" DECK BOARDS. LEAVE A UNIFORM (APPROXIMATELY 1/4") SPACE BETWEEN THE DECK BOARDS. ATTACH THE DECK BOARDS TO THE DECK SUPPORTS WITH WITH 2" WOOD SCREWS.



STEP 11: REAR BOTTOM PANEL BOARD

1: PLACE THE 2 X 4 X 36-3/4" BOTTOM PANEL BOARD (WITH CHAIN HOLES) AGAINST THE REAR CORNER POSTS, AND LEVEL THE TOP OF THE BOARD WITH THE TOP OF THE DECK BOARDS.

2: FASTEN THE BOTTOM PANEL BOARD TO THE CORNER POSTS WITH 5/16 X 3-1/2" LAG SCREWS WITH 5/16" WASHERS.



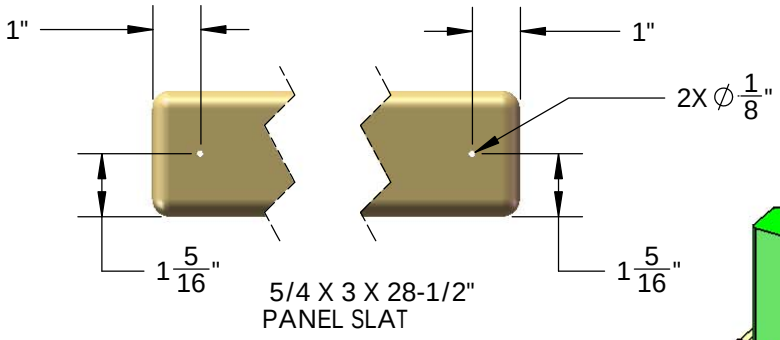
STEP 12: PANEL SLATS

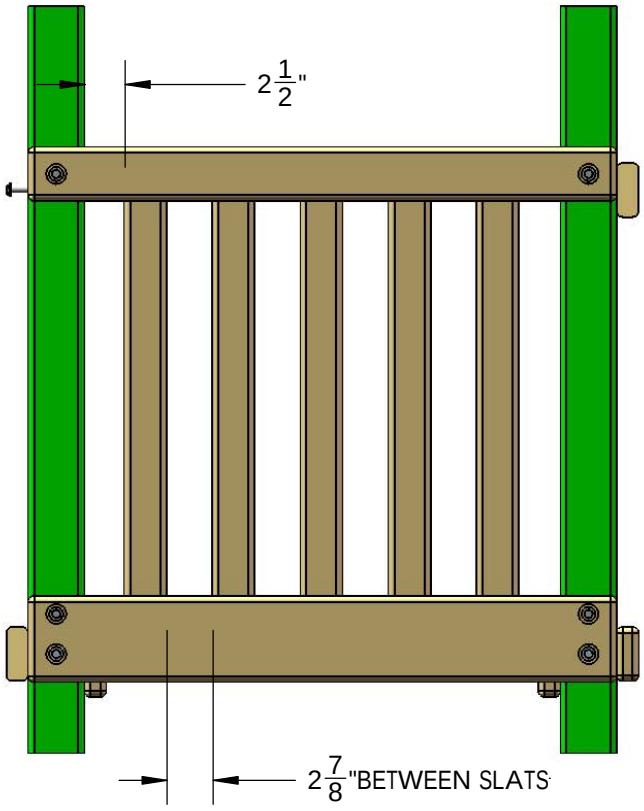
1: FIND FIVE 5/4 X 3 X 28-1/2" PANEL SLATS.

2: THE PANEL SLATS SHOULD BE PRE-DRILLED FROM THE FACTORY FOR YOU. IF THEY ARE NOT THEN DRILL EACH PANEL SLAT 1" FROM EACH END ON CENTER WITH A 1/8" DRILL BIT. (SEE TOP LEFT PICTURE BELOW)

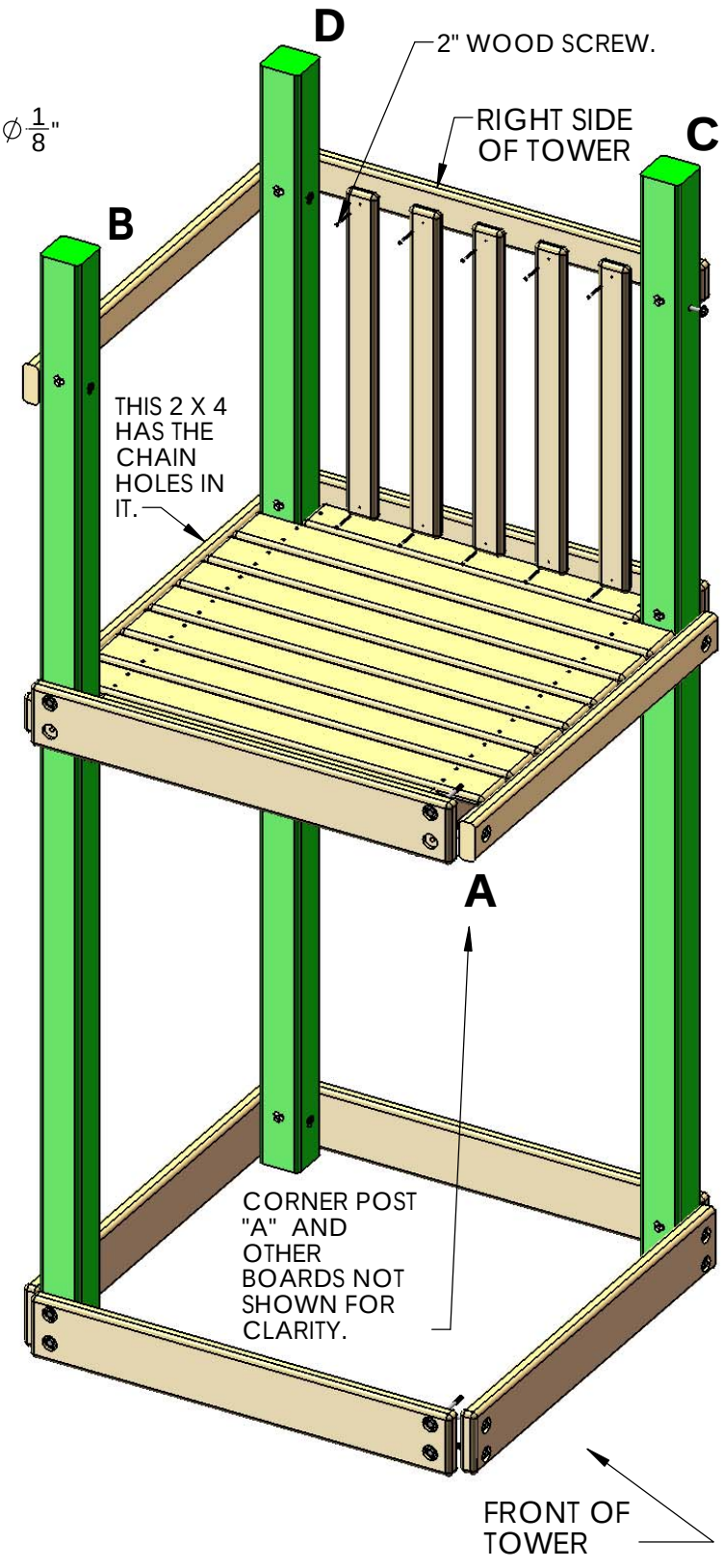
3: INSTALL THE FIRST PANEL SLAT 2-1/2" FROM THE CORNER POST. THEN INSTALL THE REMAINING FOUR PANEL SLATS 2-7/8" APART AS SHOWN IN THE PICTURE AT THE BOTTOM LEFT BELOW.

4: ATTACH THE PANEL SLATS WITH 2" WOOD SCREWS IN THE PRE-DRILLED HOLES TO THE RIGHT SIDE OF THE TOWER.





RIGHT SIDE VIEW OF SLATS.

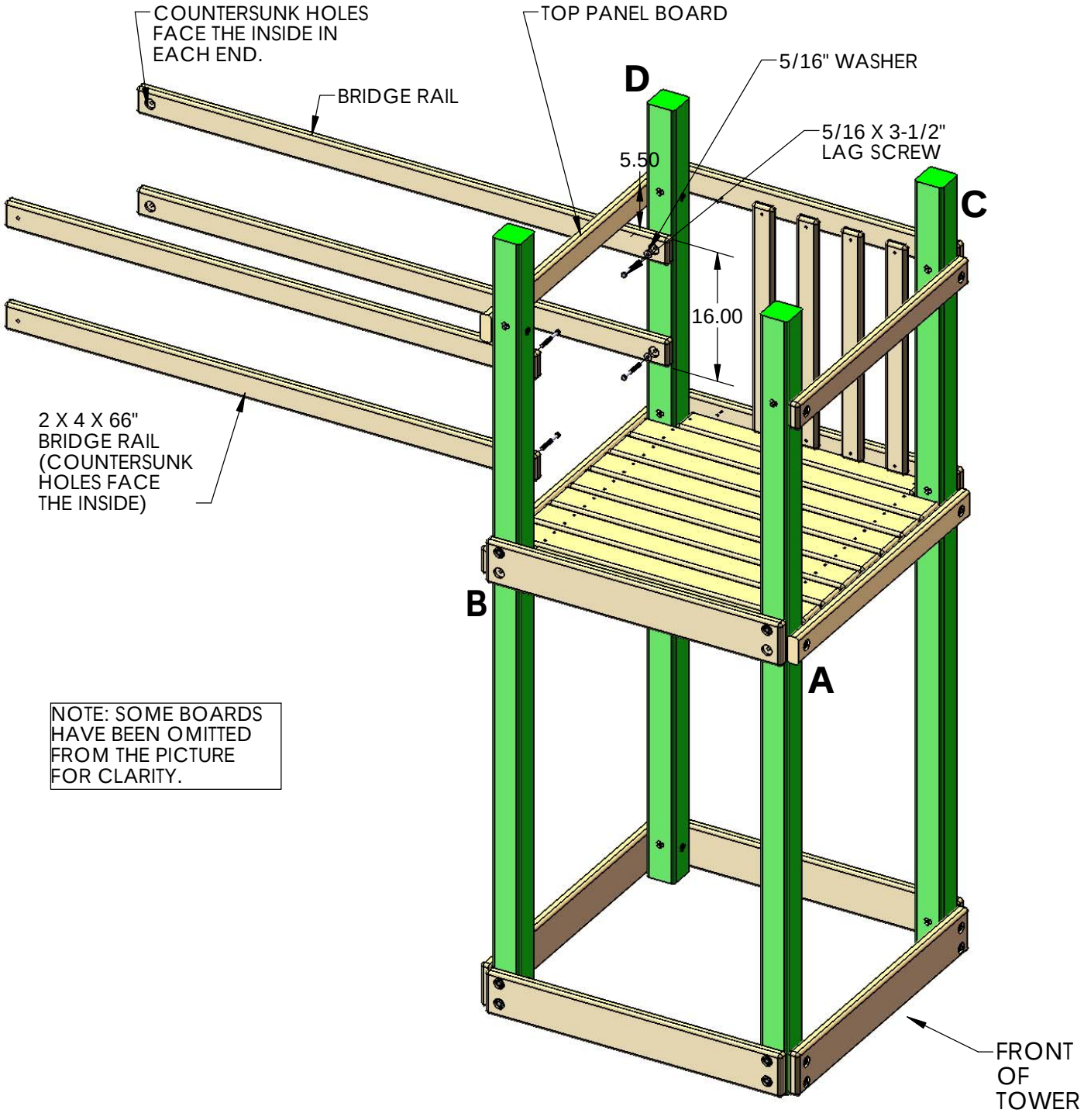


STEP 13: BRIDGE RAILS

1: PLACE THE TOP SURFACE OF THE UPPER TWO 2 X 4 X 66" BRIDGE RAILS 5-1/2" BENEATH THE TOP SURFACE OF THE TOP PANEL BOARD. THE COUNTERSUNK HOLE IN THE END OF THE BRIDGE RAIL SHOULD FACE THE INSIDE. FASTEN THE BRIDGE RAIL TO THE CORNER POST WITH 5/16" X 3-1/2" LAG SCREWS WITH 5/16" WASHERS.

2: MEASURE 16" FROM THE TOP OF EACH BRIDGE RAIL AND MAKE A PENCIL MARK ON THE INSIDE OF THE CORNER POSTS.

3: PLACE THE BOTTOM OF EACH LOWER 2 X 4 X 66" BRIDGE RAIL ON THE MARK ON THE CORNER POST. FASTEN EACH BRIDGE RAIL TO THE CORNER POST WITH 5/16" X 3-1/2" LAG SCREWS WITH 5/16" WASHERS.



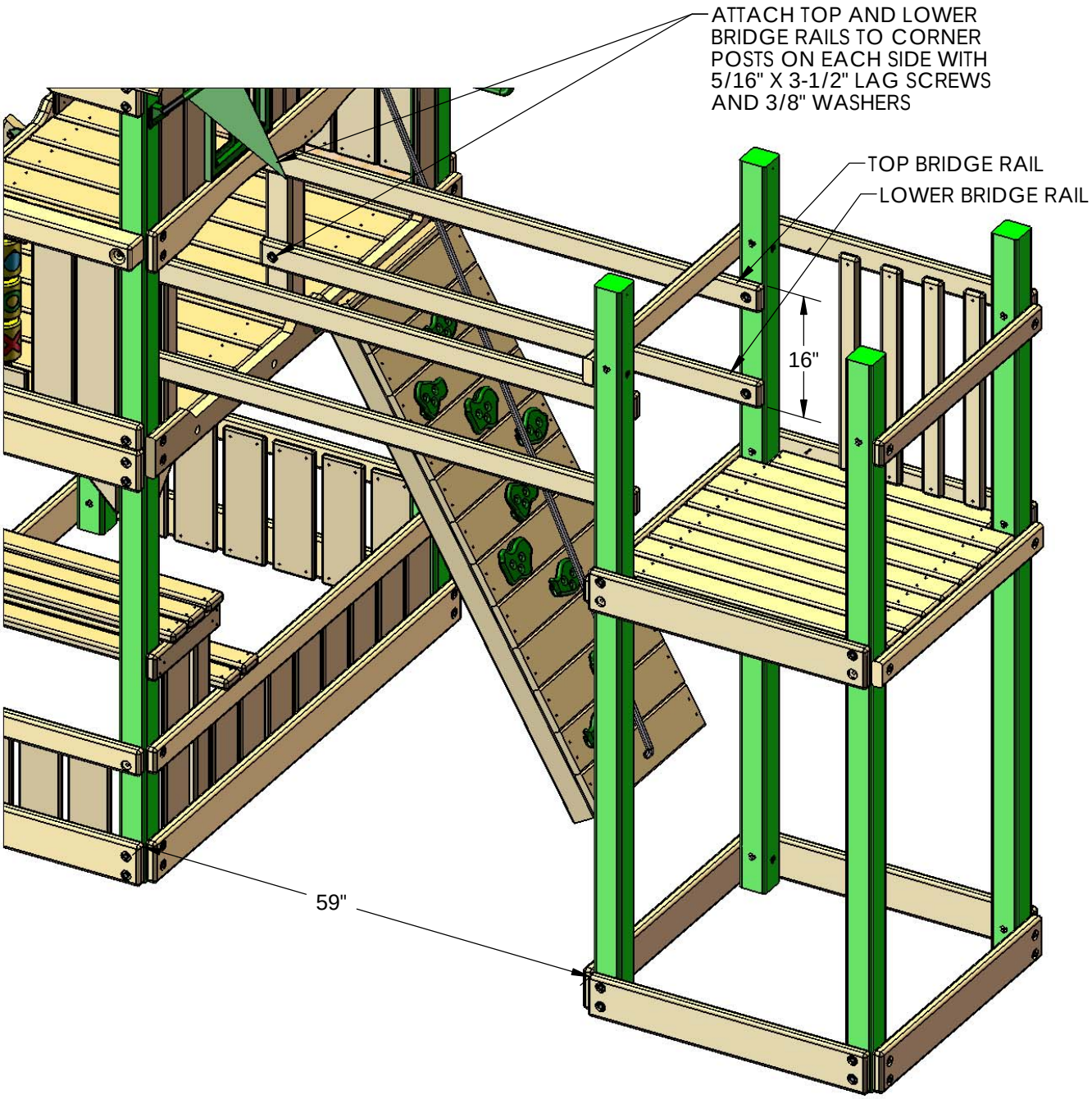
STEP 14: BRIDGE RAILS TO PLAY SET

1: PLACE THE BRIDGE RAILS AGAINST THE GREEN CORNER POST AND CENTER CORNER POST ON THE PLAY SET.

2: LEVEL EACH TOP BRIDGE RAIL AND ATTACH THEM TO THE CORNER POSTS WITH 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS.

3: MAKE THE BOTTOM OF EACH LOWER BRIDGE RAIL 16" FROM THE TOP OF THE TOP BRIDGE RAIL.

4: ATTACH EACH LOWER BRIDGE RAIL TO THE CORNER POSTS WITH 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS.

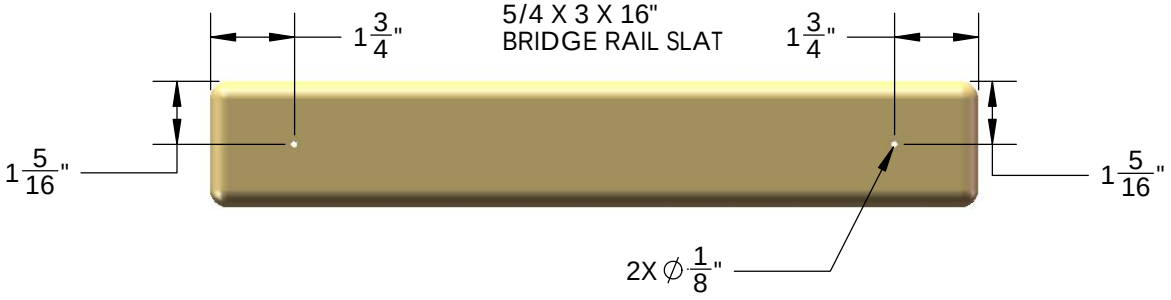


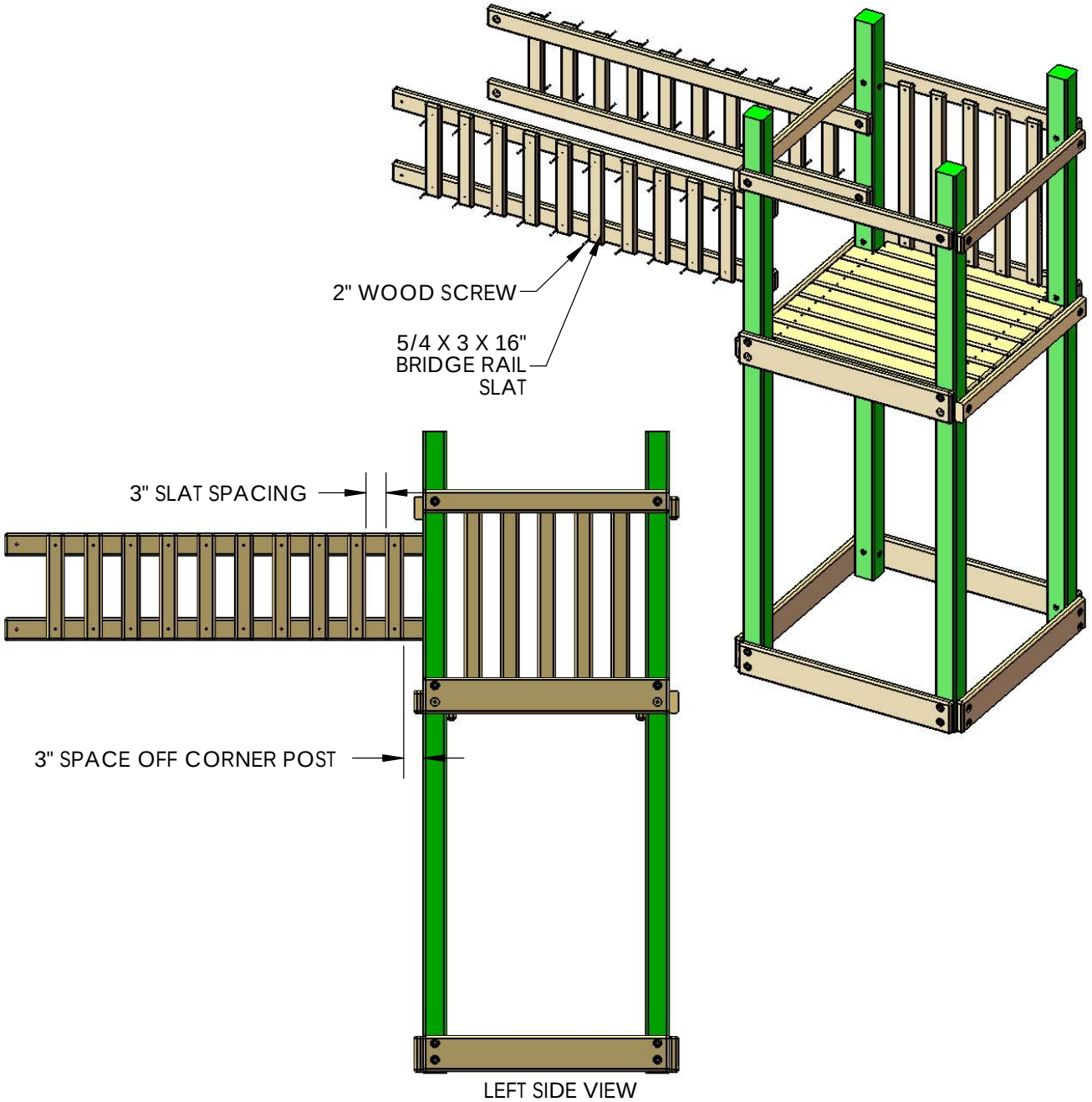
STEP 15: BRIDGE RAIL SLATS

1. THE BRIDGE RAIL SLATS SHOULD BE PRE-DRILLED FROM THE FACTORY. IF THEY ARE NOT PRE-DRILLED THEN DRILL THE 5/4 X 3 X 16" BRIDGE RAIL SLATS ON EACH END WITH A 1/8" DRILL BIT. (SEE TOP IMAGE BELOW)

2. PLACE THE BRIDGE RAIL SLATS 3" FROM THE FACE OF THE CORNER POSTS, AND ATTACH WITH 2" WOOD SCREWS. THE SLATS WILL MOUNT ON THE OUTSIDE OF THE BRIDGE RAILS.

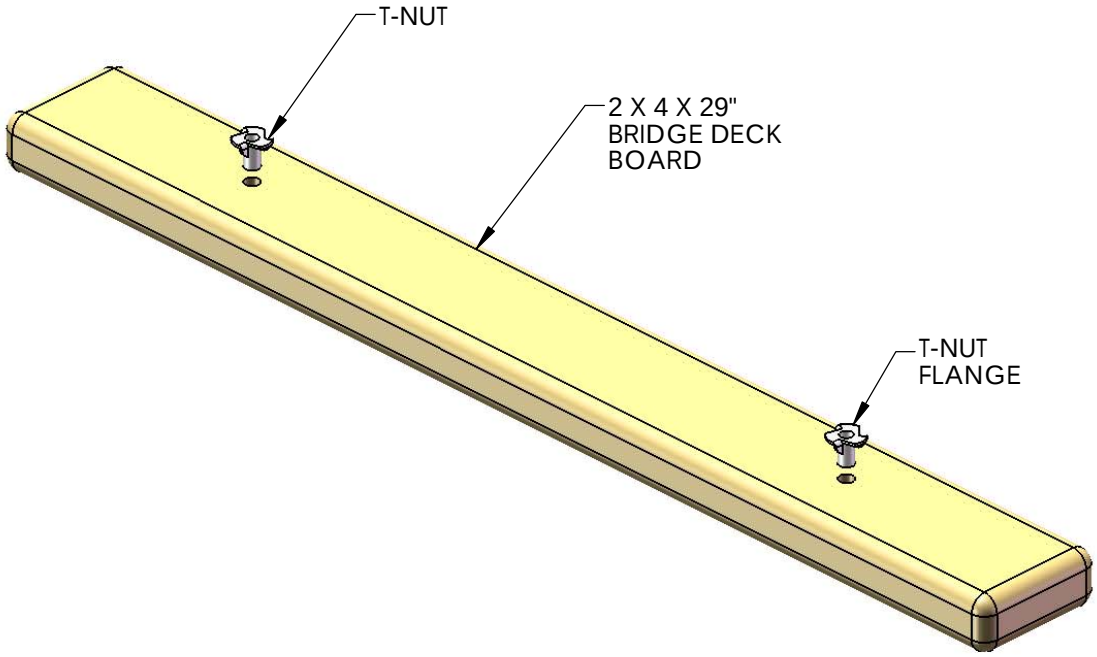
3. ATTACH THE REMAINING SLATS TO THE UNIT WITH 3" SPACING BETWEEN THE SLATS.



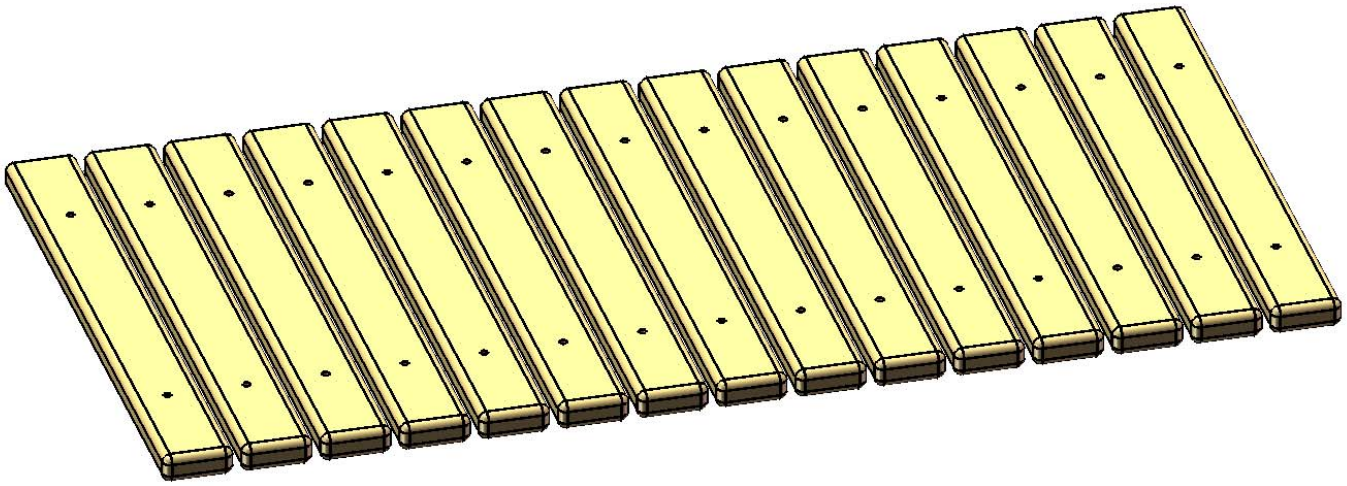


STEP 16: BRIDGE DECK AND CHAIN ASSEMBLY

1: FIND FIFTEEN 2 X 4 X 29" BRIDGE DECK BOARDS AND INSERT T-NUTS INTO THE PRE-DRILLED HOLES. USE A HAMMER TO SEAT THE T-NUTS INTO THE BOARDS.



2: FLIP ALL 15 BRIDGE DECK BOARDS OVER SO THAT THE FLANGE OF THE T-NUT IS FACING DOWN. LAY THE BRIDGE DECK BOARDS OUT ON A FLAT SURFACE AS SHOWN BELOW.

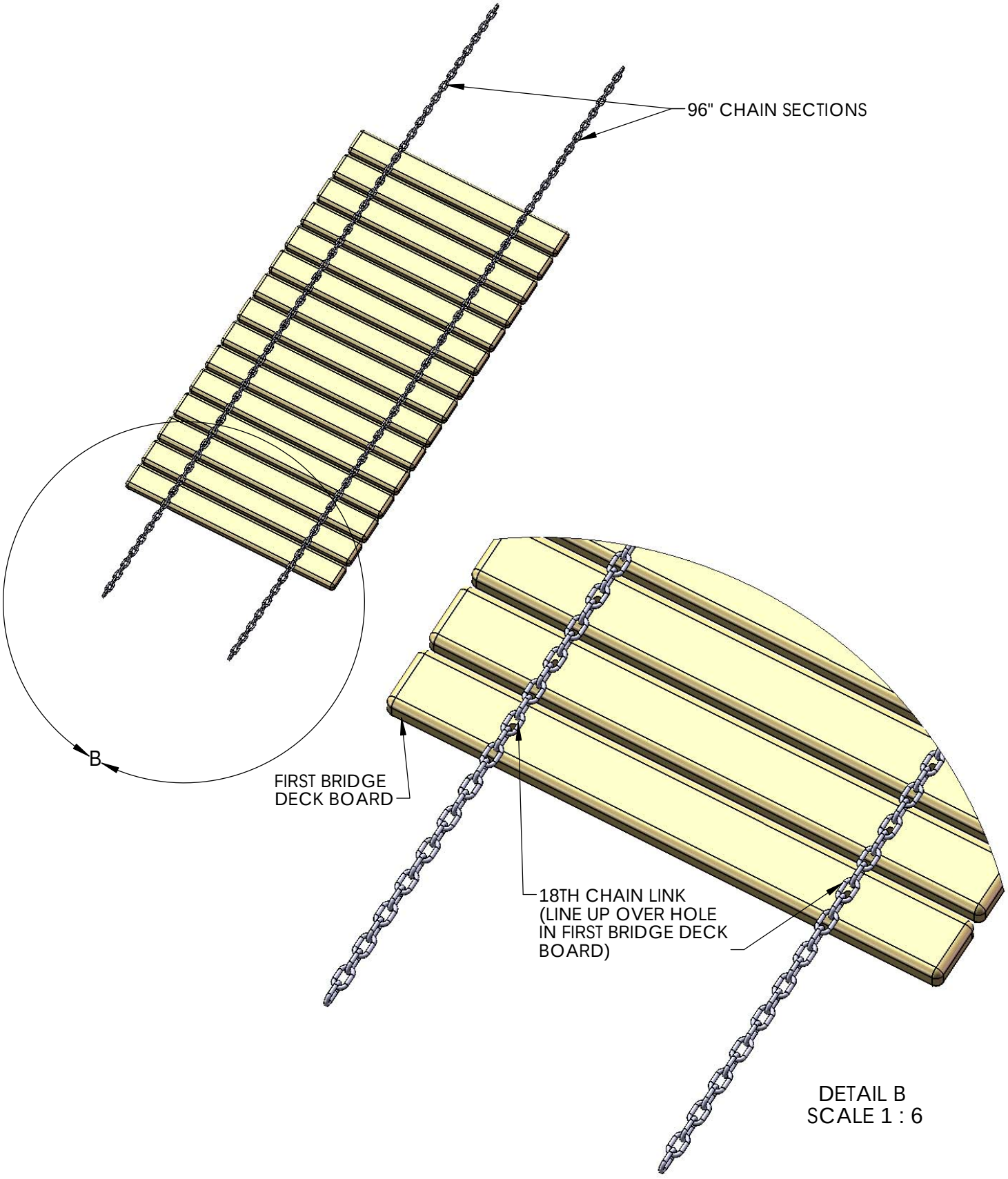


STEP 17: BRIDGE DECK AND CHAIN ASSEMBLY

1: LOCATE TWO 96" CHAIN SECTIONS THAT SHIPPED WITH THE CLATTER BRIDGE.

2: PLACE THE CHAINS OVER THE HOLES IN THE BRIDGE DECK BOARDS AS SHOWN BELOW.

3: LINE UP THE 18TH LINK IN THE CHAINS WITH THE FIRST BRIDGE DECK BOARD HOLES.



STEP 18: BRIDGE DECK AND CHAIN ASSEMBLY

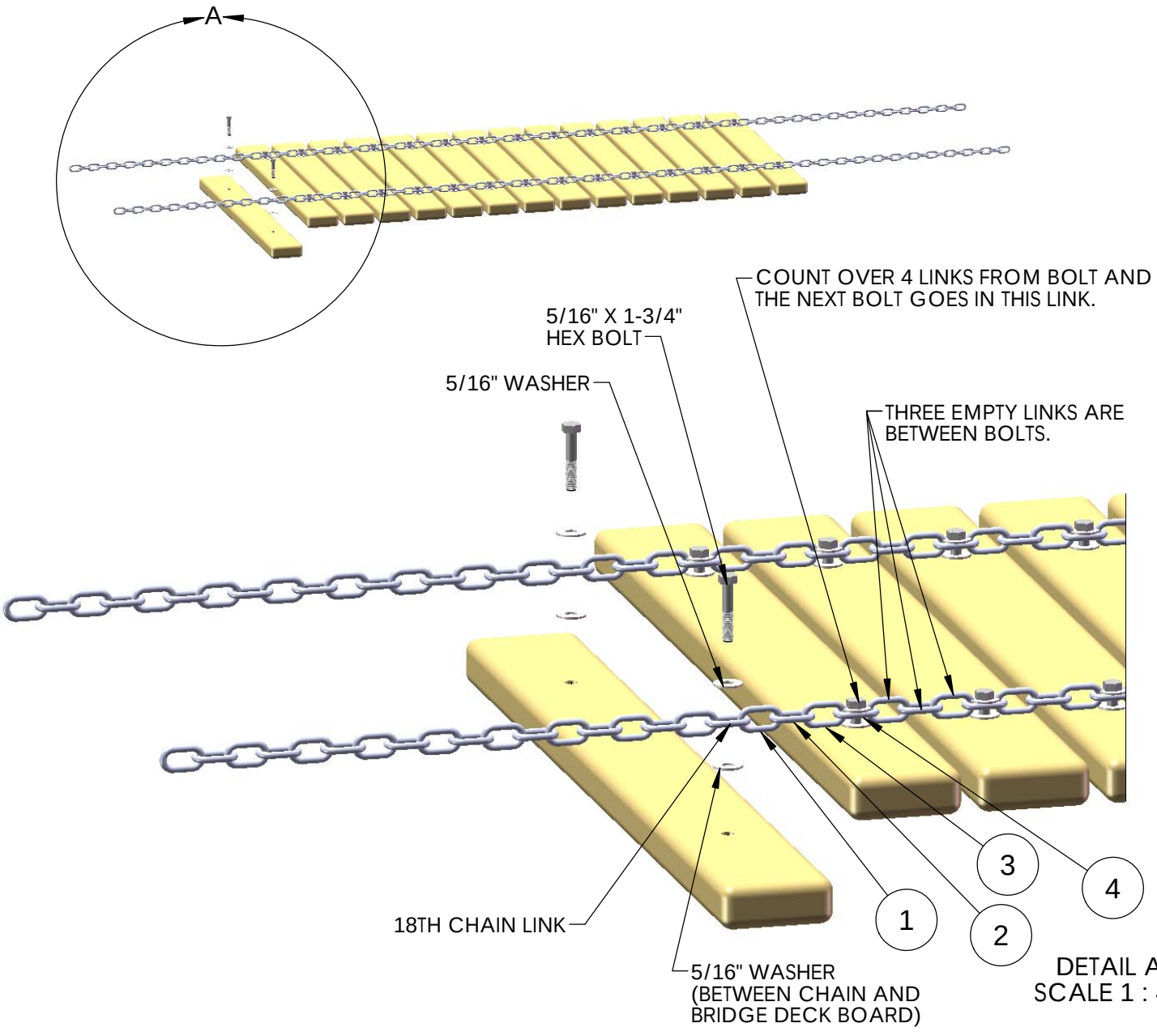
1: PLACE A 5/16" WASHER BETWEEN THE 18TH CHAIN LINK AND THE BRIDGE DECK BOARD.

2: PLACE A 5/16" X 1-3/4" HEX BOLT WITH 5/16" WASHER THROUGH THE 18TH CHAIN LINK, THEN THROUGH THE 5/16" WASHER, THEN THROUGH THE HOLE IN THE BRIDGE DECK BOARD AND SCREW IT INTO THE T-NUT. TIGHTEN THE BOLT BUT NOT SO TIGHT THAT YOU CRACK THE WOOD.

3: COUNT OVER 4 CHAIN LINKS FROM THE LAST HEX BOLT. AT THIS CHAIN LINK PLACE A 5/16" WASHER BETWEEN THE CHAIN LINK AND THE BRIDGE DECK BOARD. NOTE THAT THREE EMPTY CHAIN LINKS ARE BETWEEN THE BOLTS.

4: PLACE A 5/16" X 1-3/4" HEX BOLT WITH 5/16" WASHER THROUGH THE CHAIN LINK, THEN THROUGH THE 5/16" WASHER, THEN THROUGH THE HOLE IN THE BRIDGE DECK BOARD AND SCREW IT INTO THE T-NUT. TIGHTEN THE BOLT BUT NOT SO TIGHT THAT YOU CRACK THE WOOD.

5: REPEAT SUBSTEPS 3 & 4 UNTIL YOU HAVE SECURED THE CHAIN TO THE BRIDGE DECK BOARDS ALONG ONE SIDE. THEN START OVER WITH THE OTHER CHAIN AND REPEAT THIS ENTIRE PROCESS.



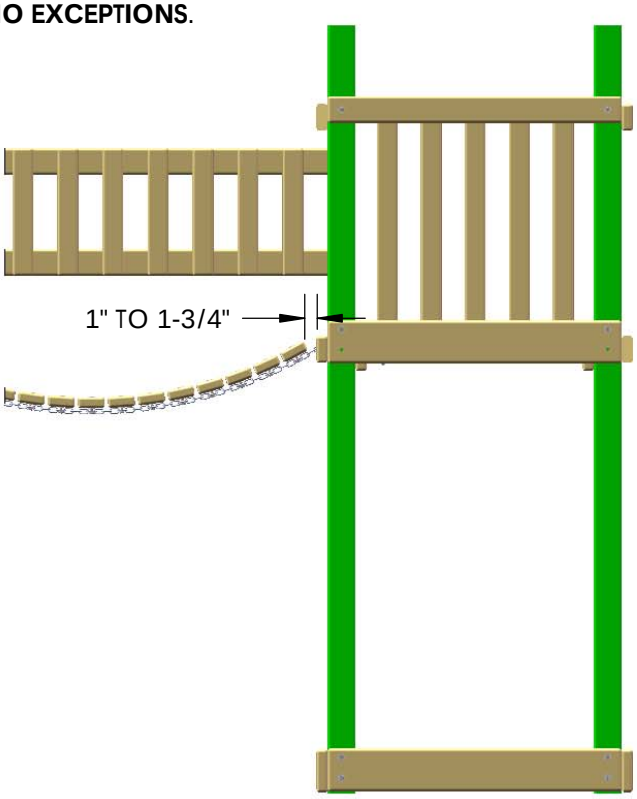
DETAIL A
SCALE 1 : 4.5

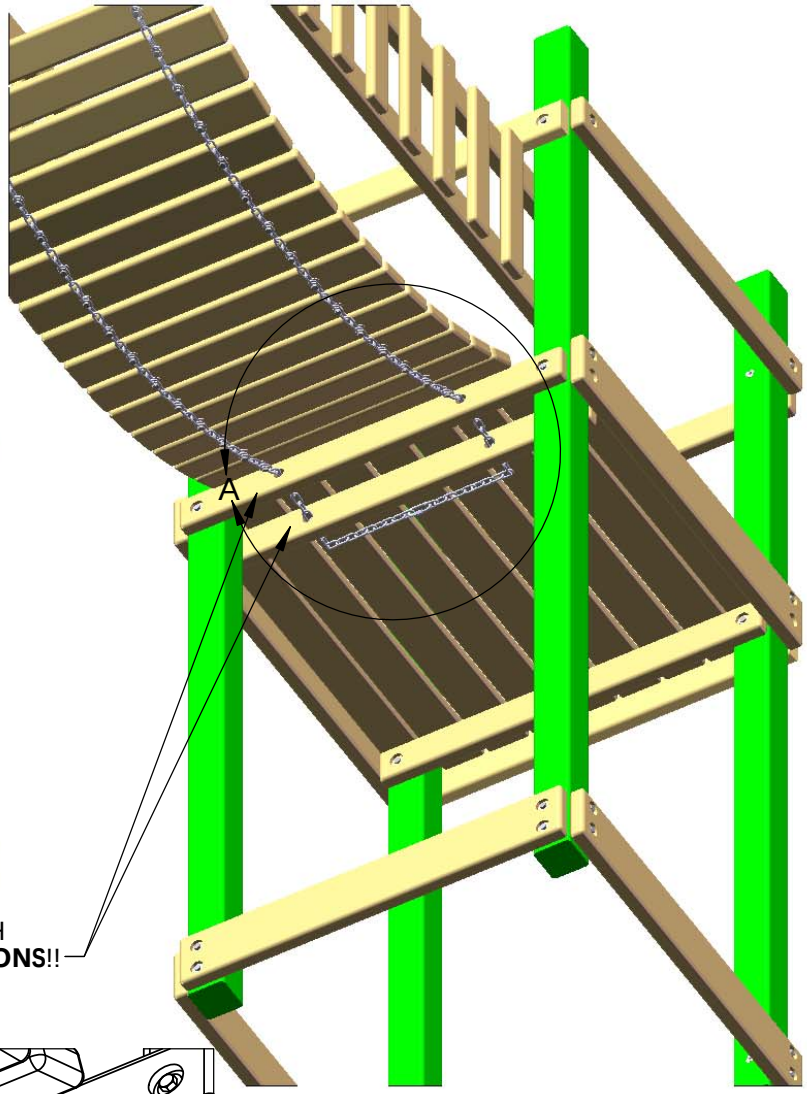
STEP 19: BRIDGE DECK/CHAIN INSTALLATION

1: LAY THE BRIDGE DECK/CHAINS ASSEMBLY BETWEEN THE PLAY SET AND THE TOWER WITH THE CHAINS FACING THE GROUND. THREAD THE CHAIN ENDS IN THE BRIDGE DECK ASSEMBLY THROUGH THE HOLES IN THE BOTTOM PANEL BOARD AND DECK SUPPORT BOARD ON THE TOWER.

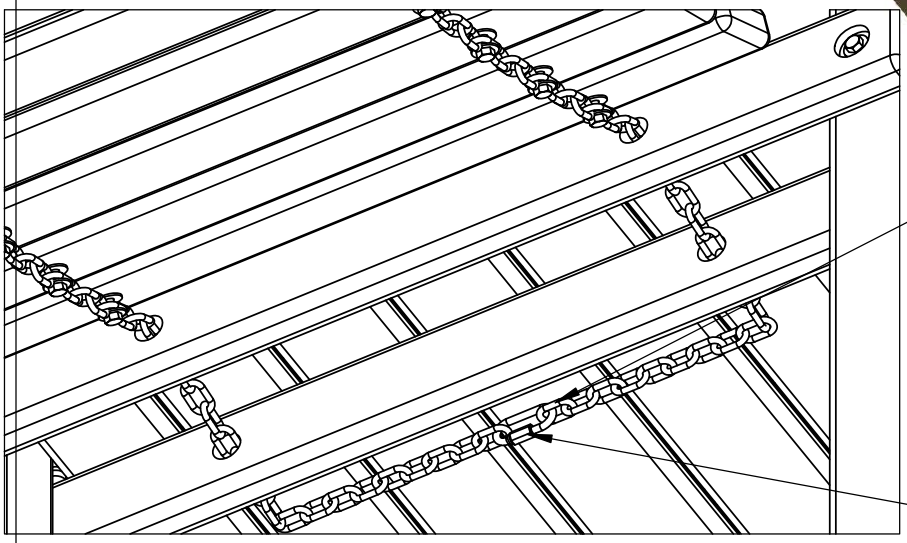
2: THERE SHOULD BE AT LEAST A 1" TO 1-3/4" GAP BETWEEN THE BRIDGE DECK BOARD AND THE BOTTOM PANEL BOARD ON THE TOWER. THIS MEANS THAT YOU WILL HAVE TO CONNECT THE ENDS OF THE CHAINS IN A MANNER TO ACHIEVE THE CORRECT GAP. GO UNDERNEATH THE TOWER DECK AND USE A QUICK LINK TO ATTACH THE CHAINS TOGETHER. IF YOU HAVE LOOSE ENDS OF THE CHAINS HANGING DOWN THREAD THEM THROUGH THE QUICK LINK TO KEEP THEM UP AND OUT OF THE WAY.

3: REPEAT THIS PROCESS AT THE PLAY SET TO ATTACH THE CHAINS. AT THE PLAY SET EACH CHAIN MUST GO THROUGH TWO BOARDS. **NO EXCEPTIONS**.





CHAIN MUST GO THROUGH TWO BOARDS **NO EXCEPTIONS**!!



NOTE: TO ACHIEVE THE CORRECT GAP YOU MAY NOT BE CONNECTING THE END LINK OF EACH CHAIN. FOR EXAMPLE YOU MAY HAVE TO CONNECT THE SECOND, THIRD OR FORTH LINKS TOGETHER.

QUICK LINK

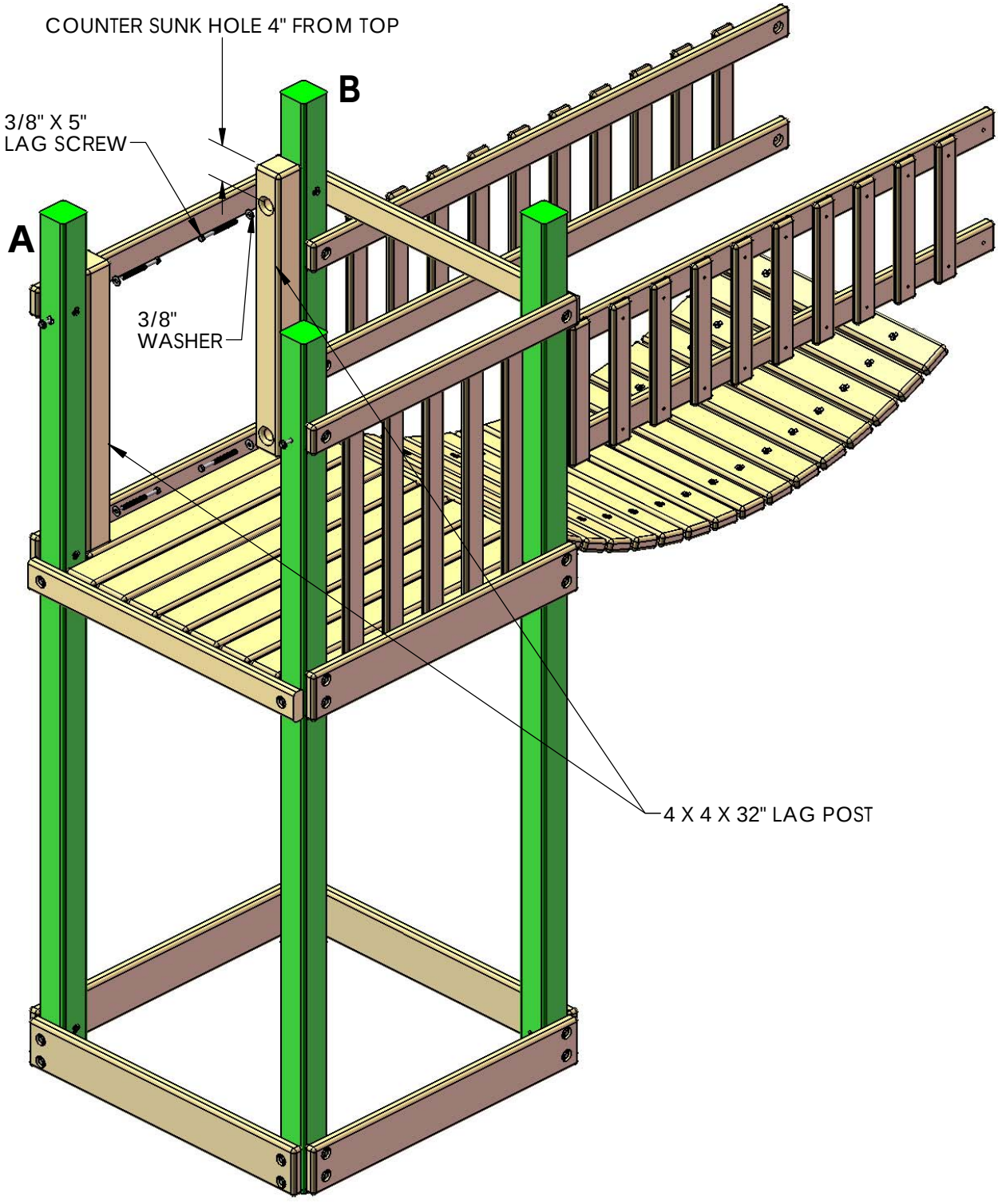
DETAIL A
SCALE 1 : 6

STEP 20: LAG POSTS

1: LOCATE TWO 4 X 4 X 32" LAG POSTS.

2: PLACE THE LAG POSTS ON THE INSIDE OF CORNER POSTS A AND B AS SHOWN. THE COUNTERSUNK HOLE THAT IS 4" FROM THE END SHOULD BE AT THE TOP.

3: ATTACH EACH LAG POST TO THE CORNER POST WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.



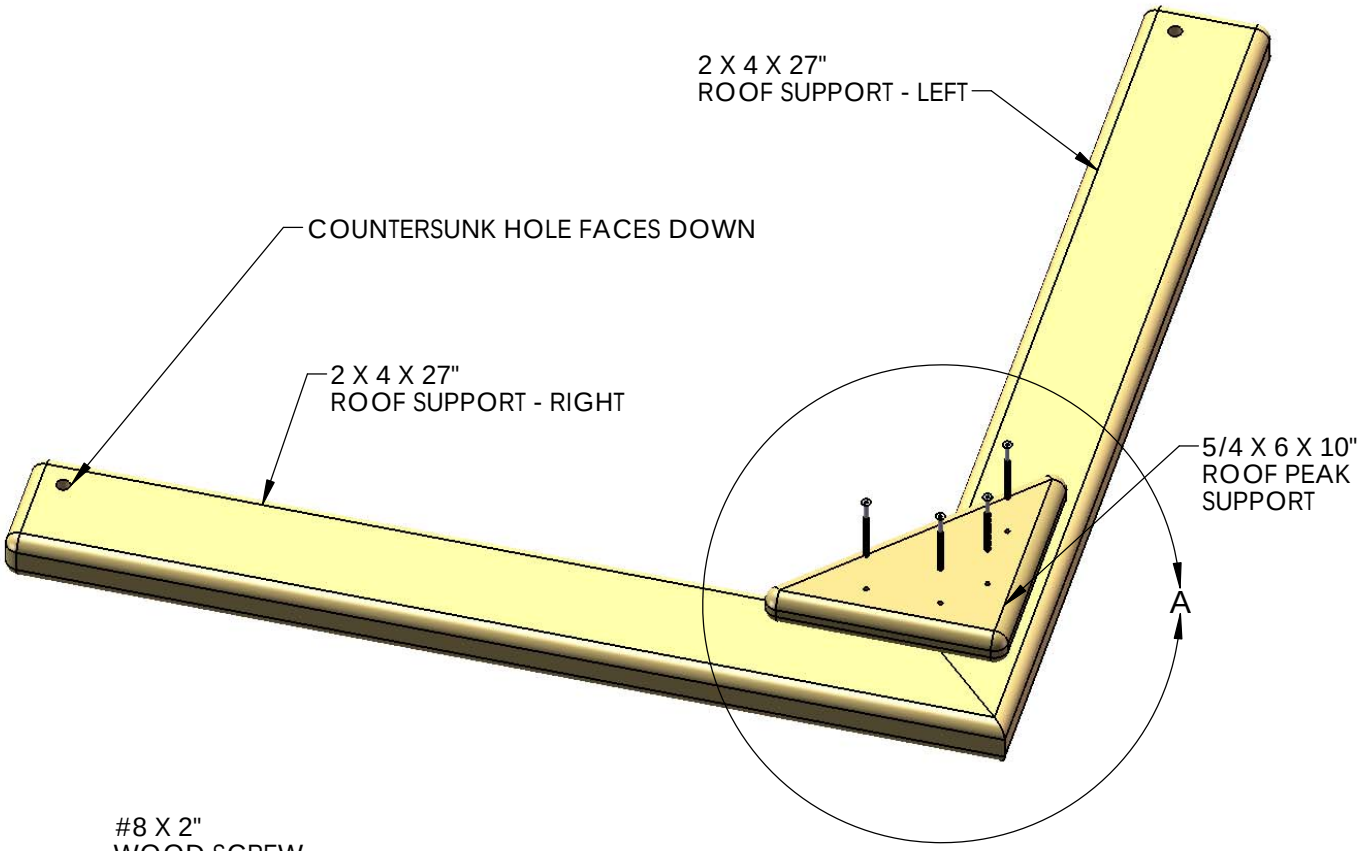
STEP 21: ROOF SUPPORT ASSEMBLIES

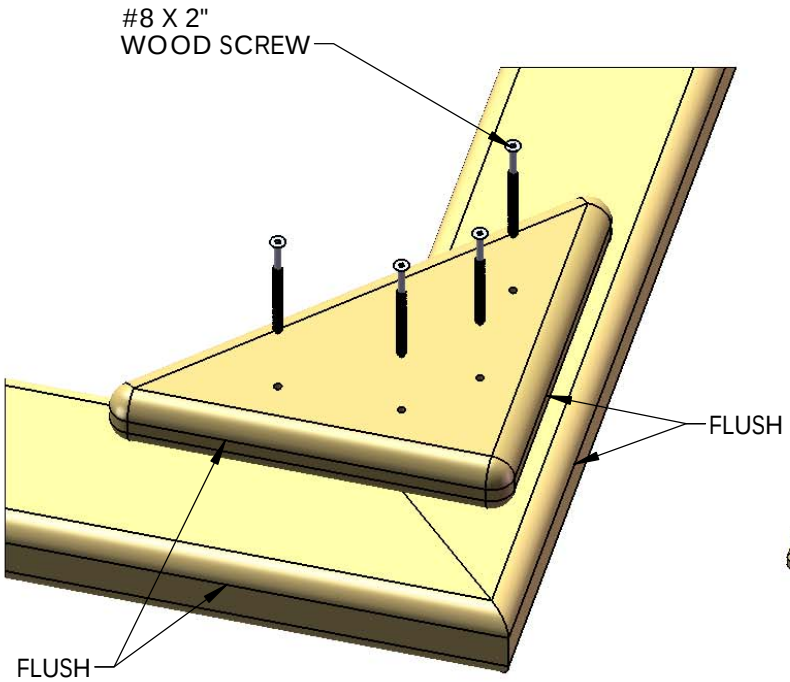
1: LOCATE FOUR 2 X 4 X 51-1/8" ROOF SUPPORT (LEFT), FOUR 2 X 4 X 51-1/8" ROOF SUPPORT (RIGHT) AND FOUR 5/4 X 6 X 10" ROOF PEAK SUPPORT PIECES.

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.

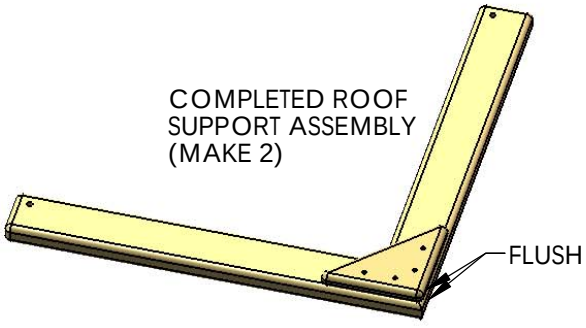
3: USE FOUR #8 X 2" WOOD SCREWS TO ATTACH THE ROOF PEAK SUPPORT TO THE ROOF SUPPORTS AS SHOWN BELOW.

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





DETAIL A
SCALE 1 : 3



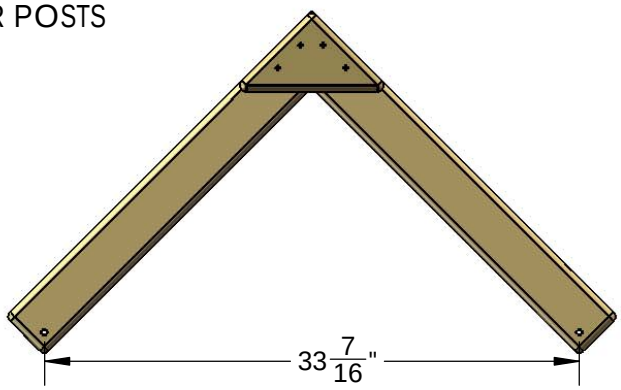
STEP 22: DRILLING CORNER POST HOLES

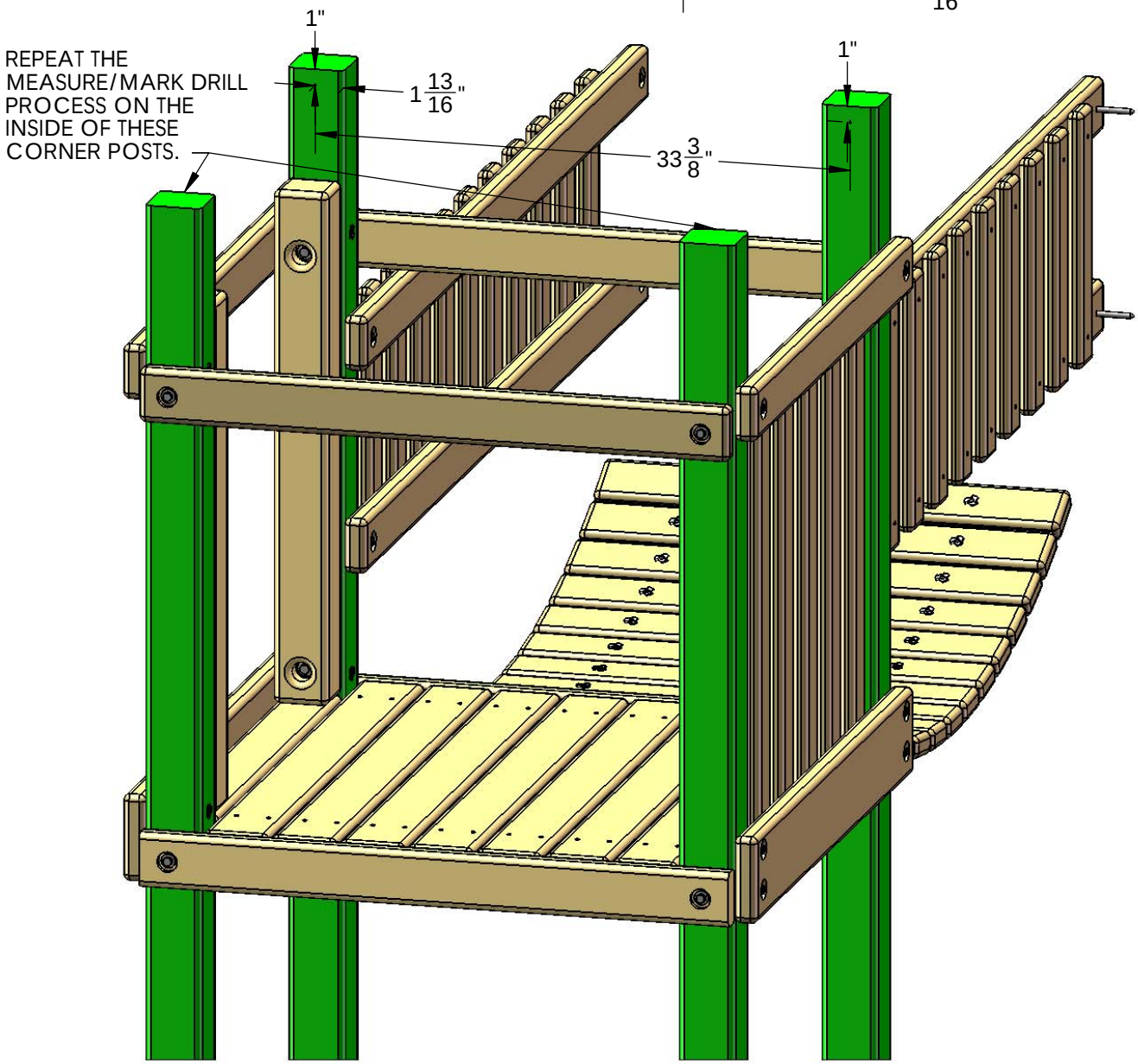
1: CHECK THE DIMENSION OF THE ROOF SUPPORT ASSEMBLIES AS SHOWN BELOW BEFORE DRILLING HOLES.

2: MEASURE AS SHOWN BELOW AND MAKE MARKS ON THE CORNER POSTS ON THE INSIDE.

3: DRILL A 9/64" HOLE BY 2-1/2" DEEP AT EACH MARK.

4: REPEAT SUBSTEPS 2-3 ON THE INSIDE OF THE OTHER POSTS AS POINTED OUT BELOW.



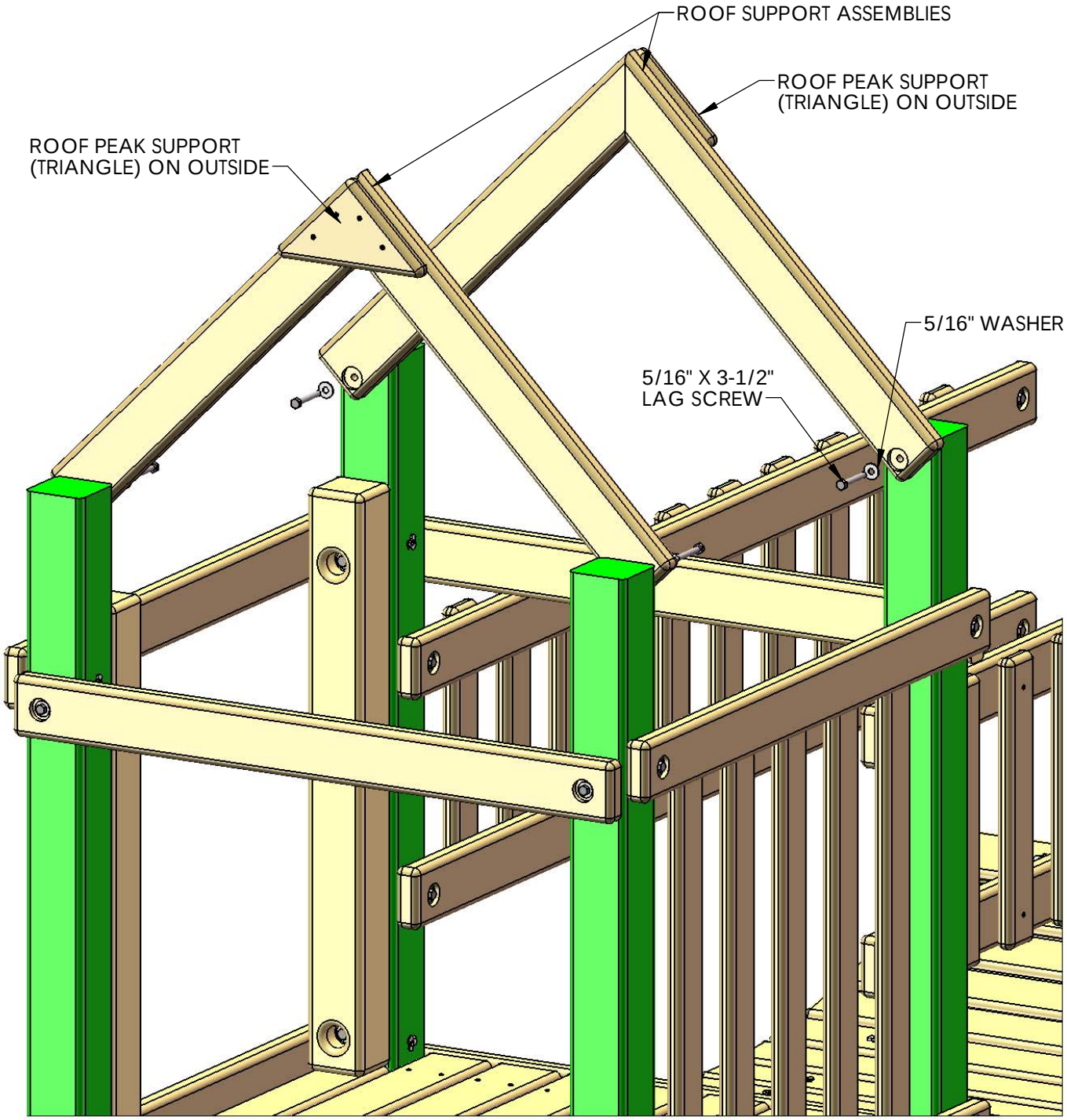


STEP 23: INSTALL ROOF SUPPORT ASSEMBLIES

1: PLACE TWO ROOF SUPPORT ASSEMBLIES ON THE CLATTER BRIDGE TOWER DECK.

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

3: ATTACH EACH ROOF SUPPORT ASSEMBLY TOTHE HOLES DRILLED ON THE INSIDE OF THE CORNER POSTS WITH TWO 5/16" X 3-1/2" LAG SCREWS WITH TWO 5/16" WASHERS.

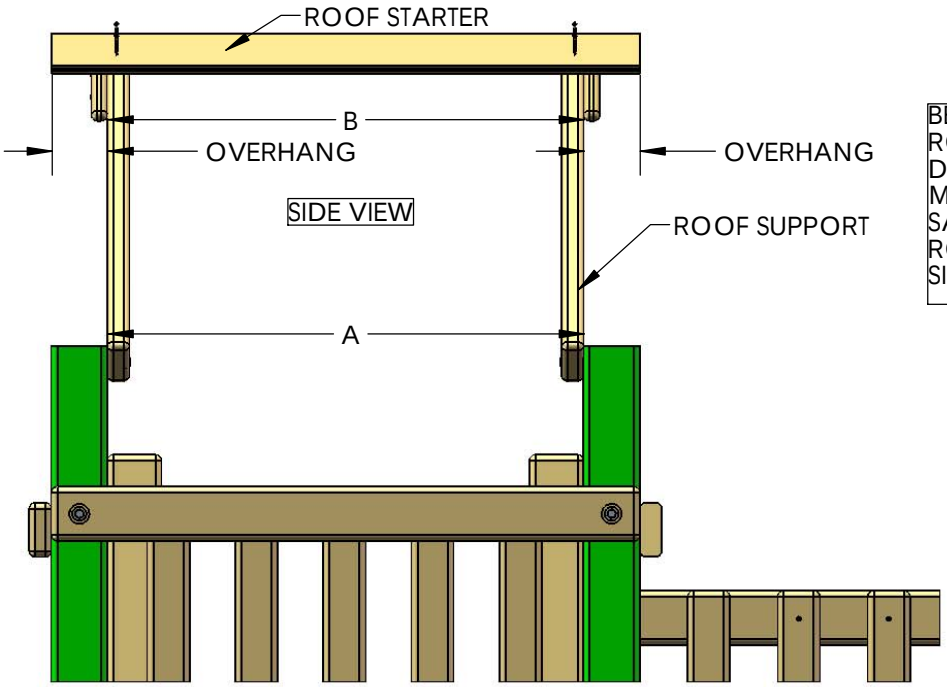


STEP 24: ROOF STARTERS

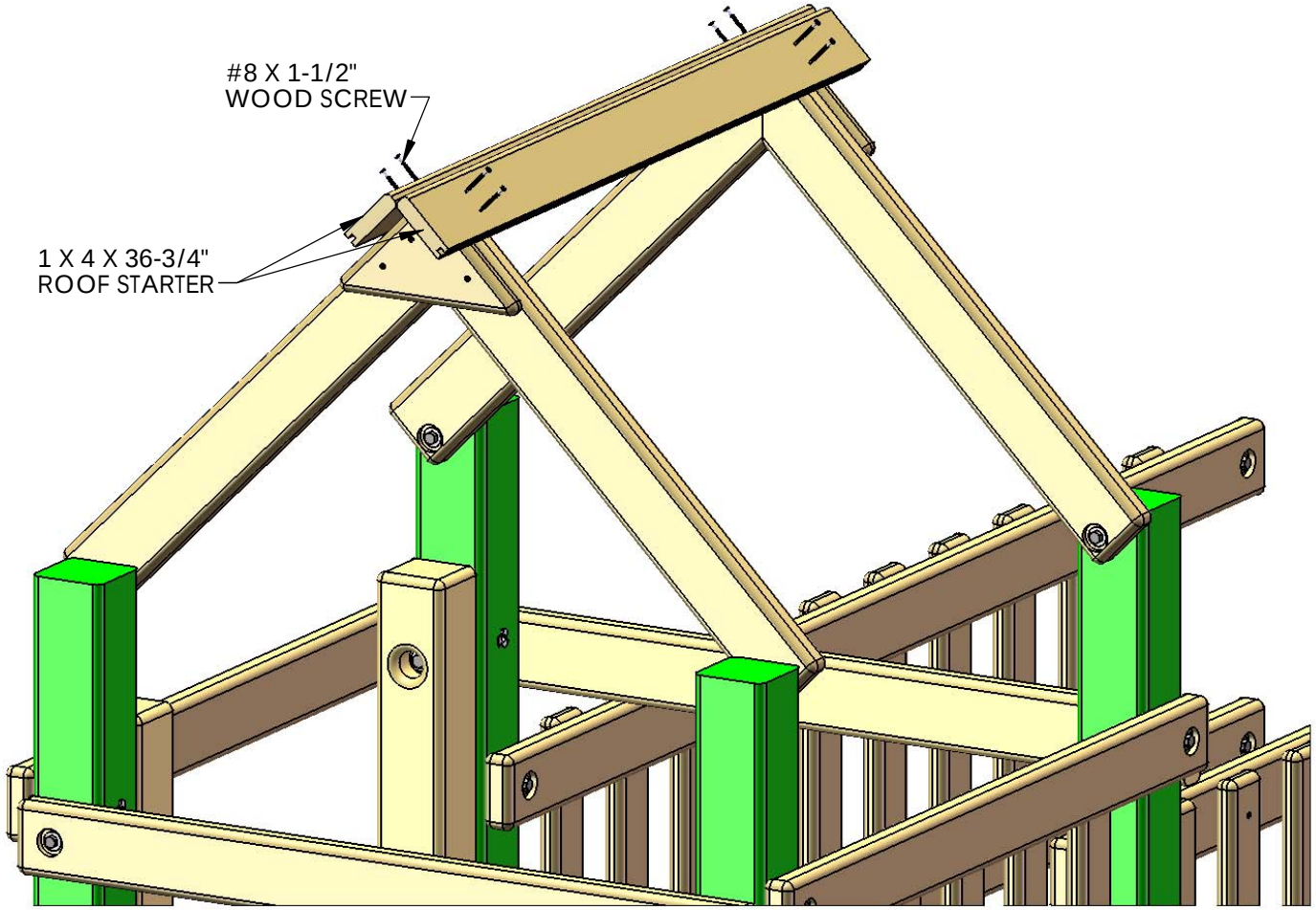
1: PLACE THE 1 X 4 X 36-3/4" GROOVE ONLY ROOF STARTERS AT THE PEAK OF THE ROOF. REFER TO THE DIAGRAM BELOW AND MAKE THE OVERHANG THE SAME ON EACH SIDE OF THE STARTER.

2: PLACE THE STARTERS AS CLOSE TO EACH OTHER AS POSSIBLE WITHOUT THEM OVERLAPPING.

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



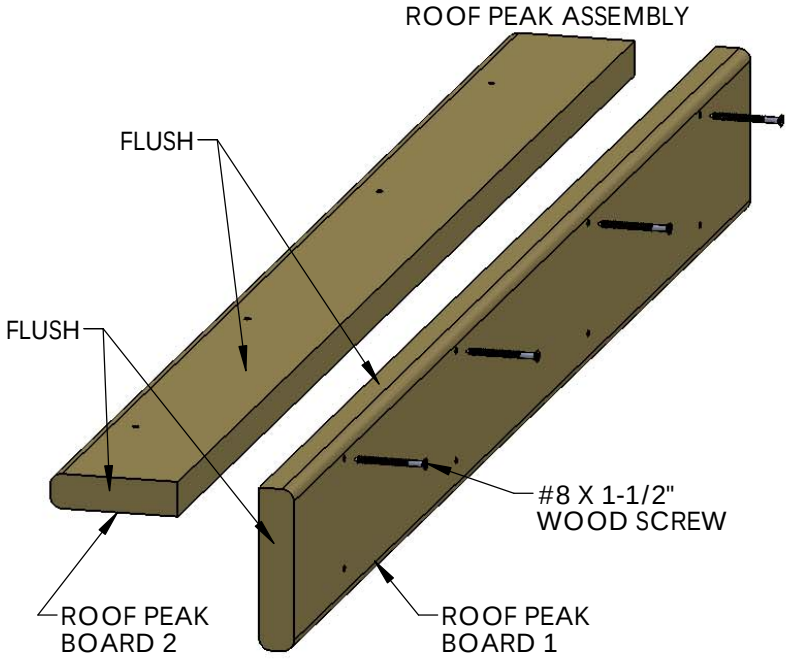
BEFORE INSTALLING THE ROOF STARTERS MAKE SURE DIMENSIONS A AND B MATCH. ALSO MAINTAIN THE SAME OVERHANG OF THE ROOF STARTERS ON EACH SIDE OF THE ROOF SUPPORTS.

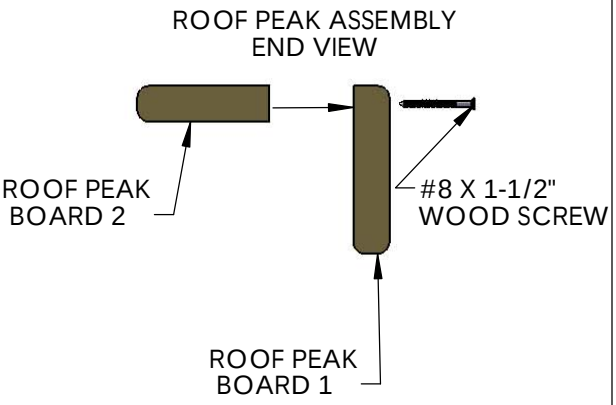


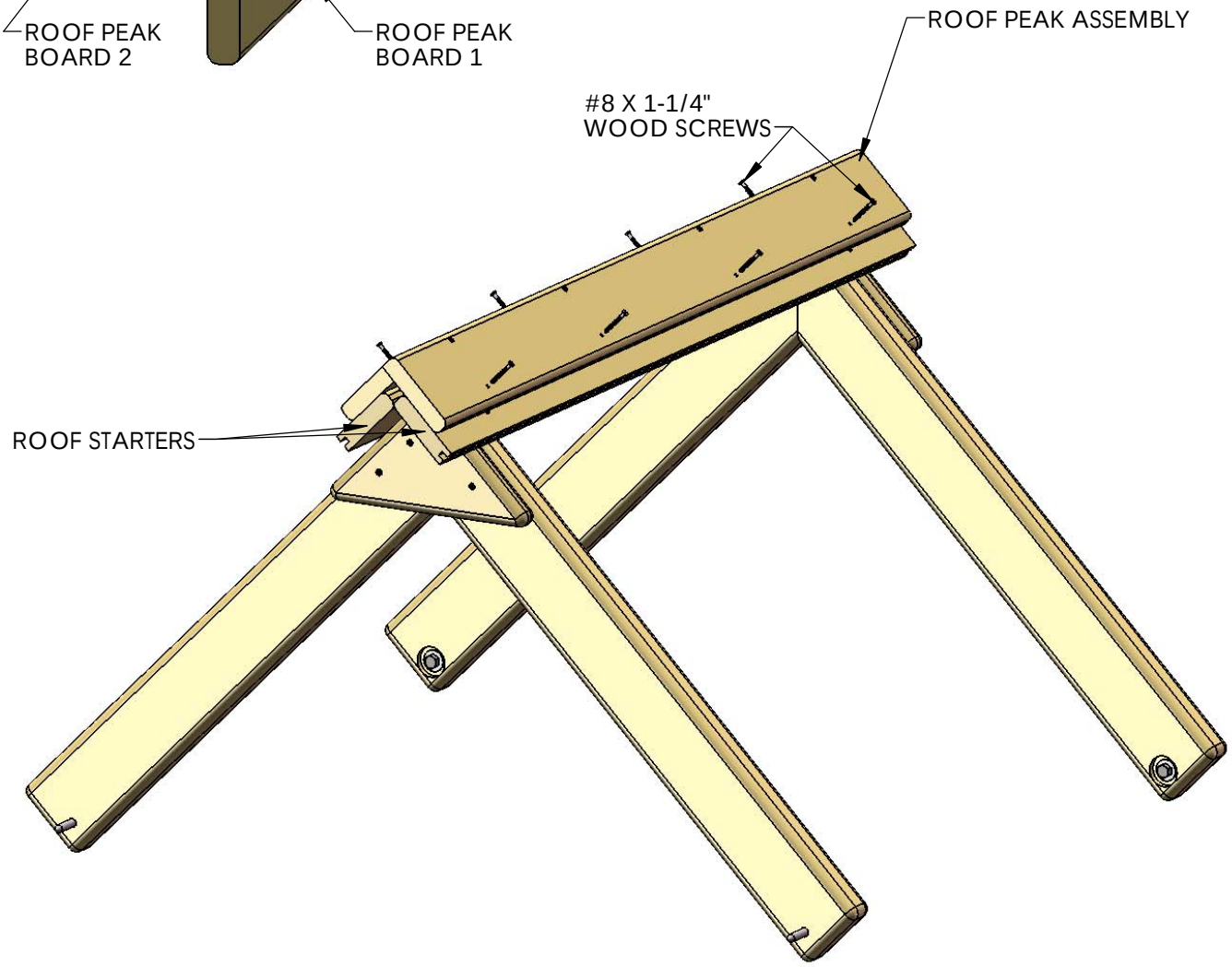
STEP 25: ROOF PEAK

1: FASTEN ROOF PEAK BOARD 1 TO ROOF PEAK BOARD 2 WITH FOUR #8 X 1-1/2" WOOD SCREWS TO MAKE A ROOF PEAK ASSEMBLY

2: PLACE THE ROOF PEAK ASSEMBLY ON TOP OF THE ROOF STARTERS. FASTEN THE ROOF PEAK ASSEMBLY TO THE ROOF STARTERS WITH EIGHT #8 X 1-1/4" WOOD SCREWS.







STEP 26: ROOF BOARDS AND ROOF FINISHERS

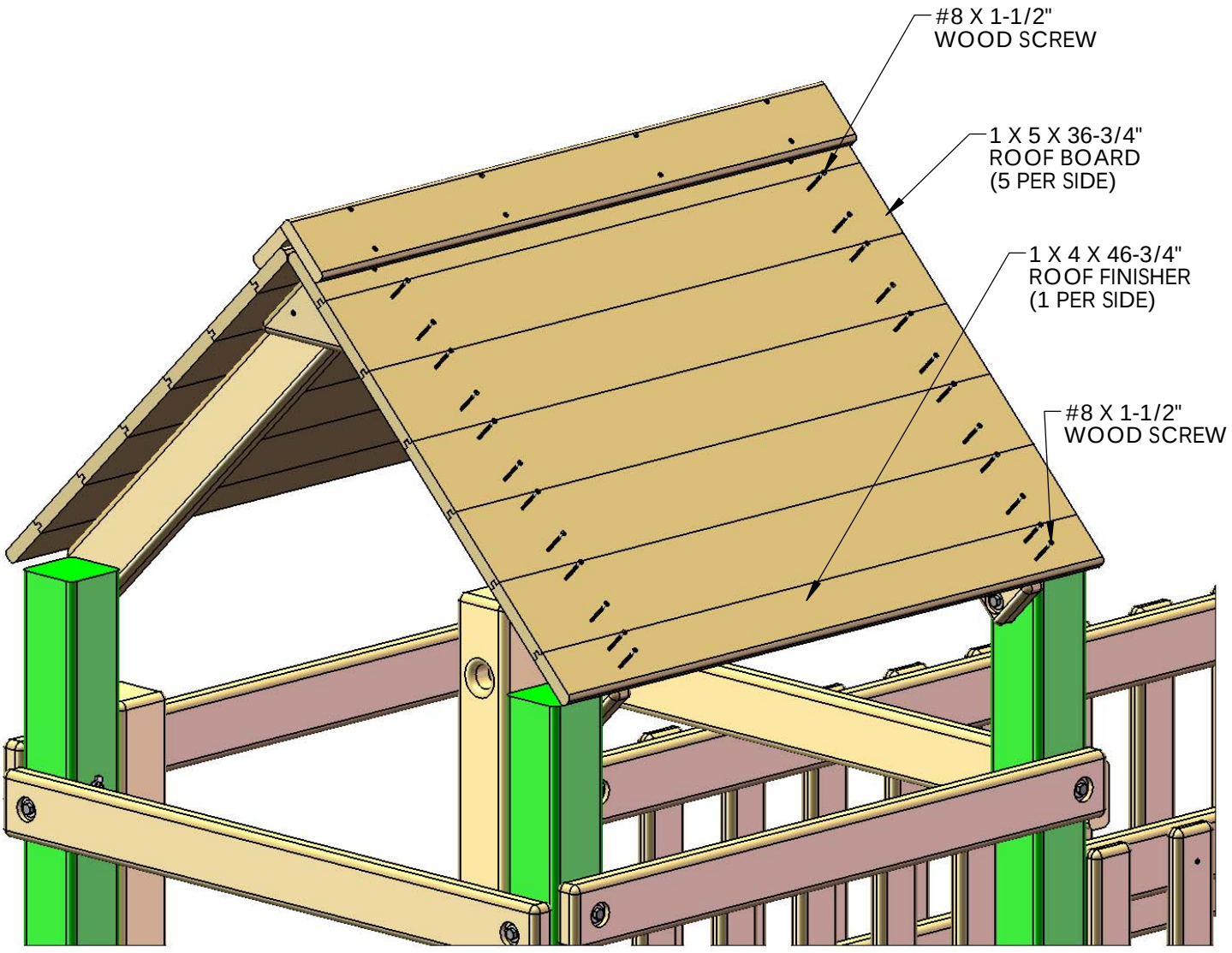
1: LOCATE TEN 1 X 5 X 36-3/4" ROOF BOARDS. SLIDE THE TONGUE OF THE ROOF BOARD INTO THE GROOVE OF THE ROOF STARTER. SECURE THE ROOF BOARD TO THE ROOF SUPPORTS WITH FOUR #8 X 1-1/2" WOOD SCREWS.

2: SLIDE THE NEXT ROOF BOARD TONGUE INTO THE GROOVE OF THE PREVIOUS ROOF BOARD. SECURE THE ROOF BOARD TO THE ROOF SUPPORTS WITH FOUR #8 X 1-1/2" WOOD SCREWS.

3: REPEAT SUBSTEP 2 FOR THE NEXT 3 ROOF BOARDS.

4: LOCATE A 1 X 4 X 36-3/4" ROOF FINISHER (TONGUE ONLY). INSERT THE TONGUE OF THE ROOF FINISHER INTO THE GROOVE OF THE LAST ROOF BOARD. SECURE THE ROOF FINISHER TO THE ROOF SUPPORTS WITH FOUR #8 X 1-1/2" WOOD SCREWS.

5: REPEAT SUBSTEPS 1 THROUGH 4 FOR THE ROOF BOARDS AND ROOF FINISHER ON THE OTHER SIDE OF THE ROOF.

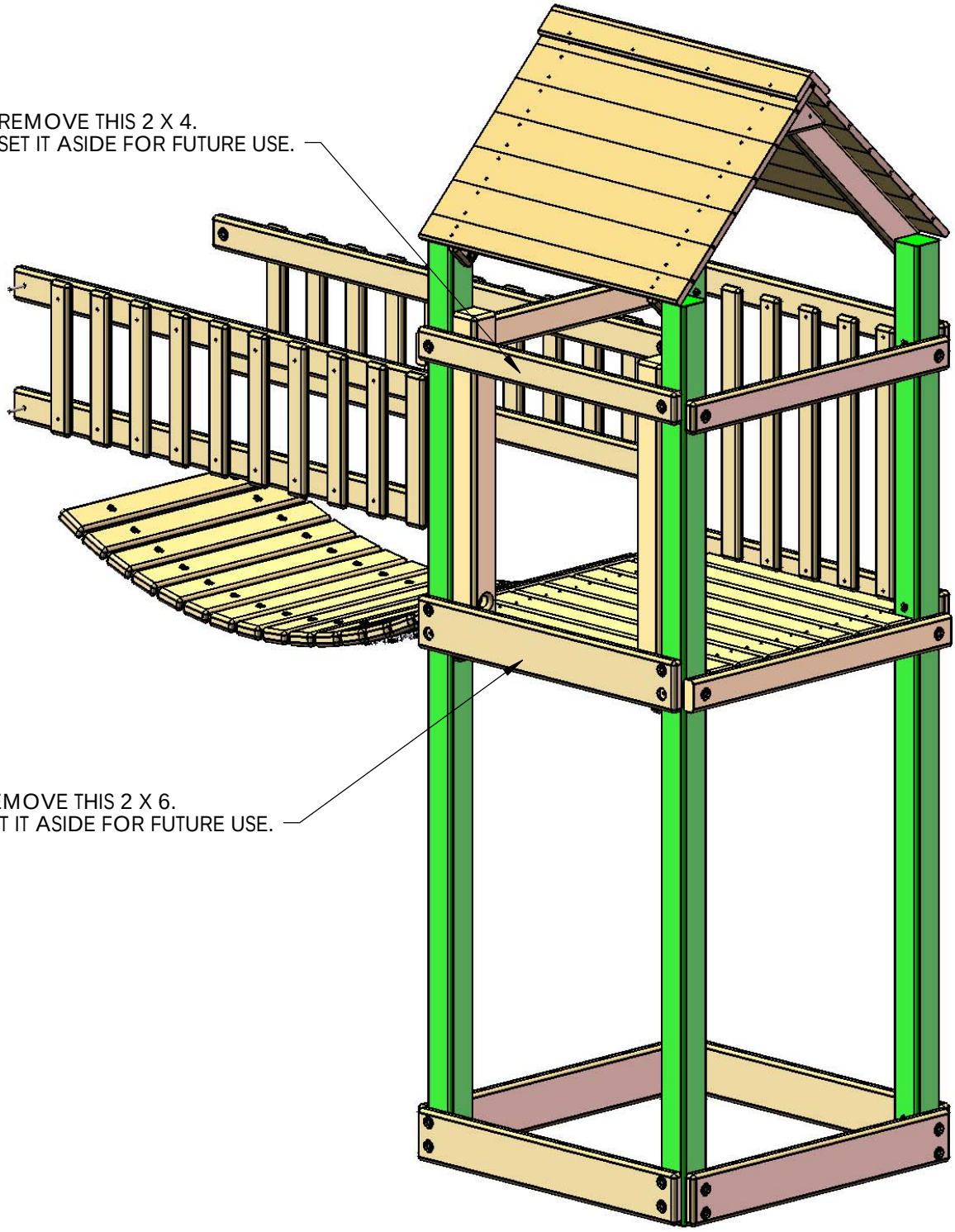


STEP 27: BOARD REMOVAL

1: REMOVE THE 2 X 4 AT THE TOP LEFT AS SHOWN BELOW.

2: REMOVE THE 2 X 6 AT THE MIDDLE LEFT AS SHOWN BELOW.

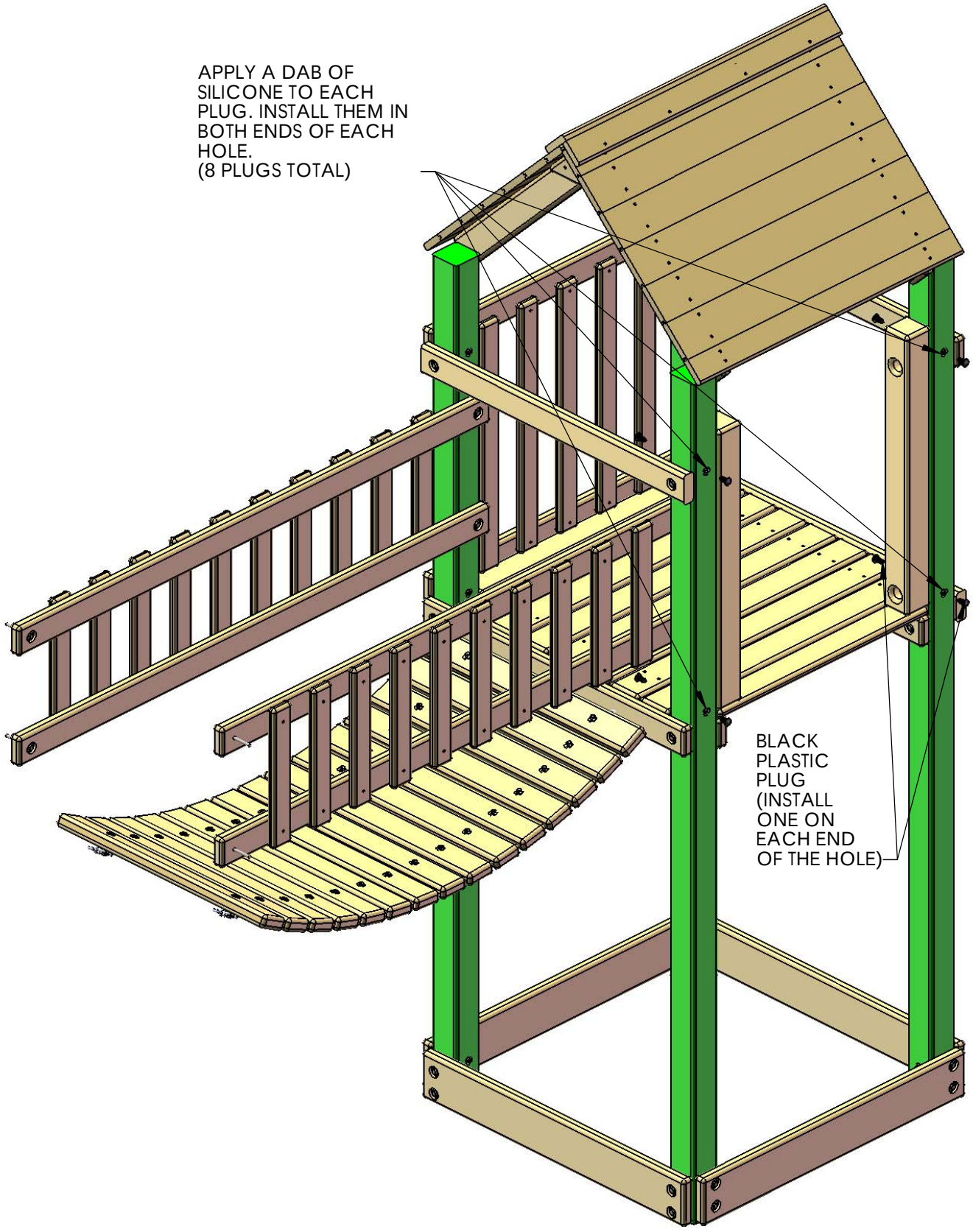
3: WHERE THE 2 X 4 AND 2 X 6 WERE BOLTED TO THE POSTS THREAD ONE OF THE 5/16" X 4-1/2" HEX BOLTS BACK INTO ALL FOUR T-NUTS. USE A HAMMER TO HIT THE HEX BOLT KNOCKING THE T-NUTS OUT OF THE INSIDE OF THE CORNER POSTS. UNTHREAD THE HEX BOLT FROM THE T-NUT AND SET THEM ASIDE.



STEP 28: PLASTIC PLUGS

1: IN THE AREA WHERE YOU REMOVED THE BOARDS IN THE PRIOR STEP YOU WILL NEED TO INSTALL BLACK PLASTIC PLUGS TO FILL IN THE HOLES IN THE CORNER POSTS.

2: APPLY A DAB OF CLEAR SILICONE TO EACH PLUG AND HAMMER THEM INTO THE CORNER POST HOLES.



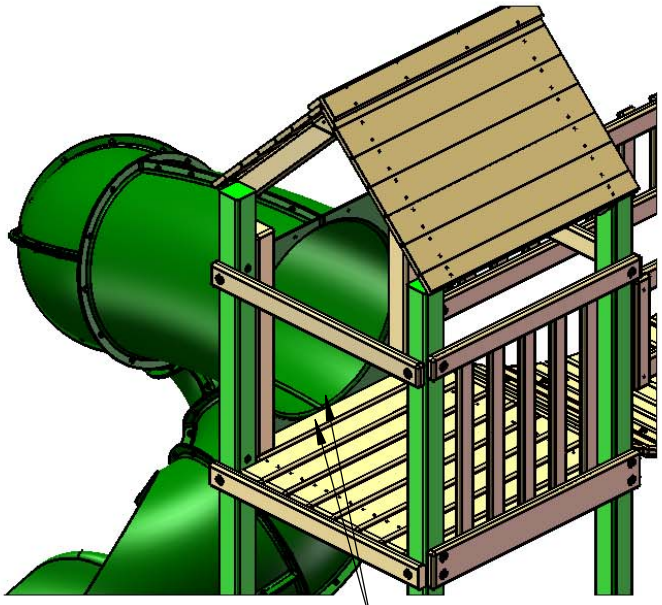
STEP 29: ATTACHING EXTREME TUBE SLIDE

1: FOLLOW THE INSTRUCTIONS IN THE SLIDE BOX TO ASSEMBLE THE EXTREME TUBE SLIDE.

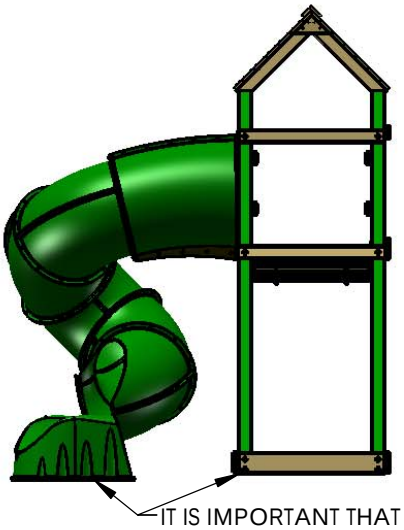
2: THE ENTRY OPENING OF THE TUBE SLIDE SHOULD BE FLUSH TO THE DECK. CENTER THE TUBE SLIDE ACROSS THE OPENING SIDE TO SIDE. MAKE SURE THE BOTTOM OF THE ENTRY OPENING IS FLUSH TO THE DECK.

3: INSTALL THREE 3/8" X 3-1/2" LAG SCREWS WITH 3/8" FENDER WASHERS ON EACH SIDE STARTING AT THE TOP AND GOING DOWN. YOU WILL INSTALL THE BOTTOM LAG SCREW AND FENDER WASHER NEXT.

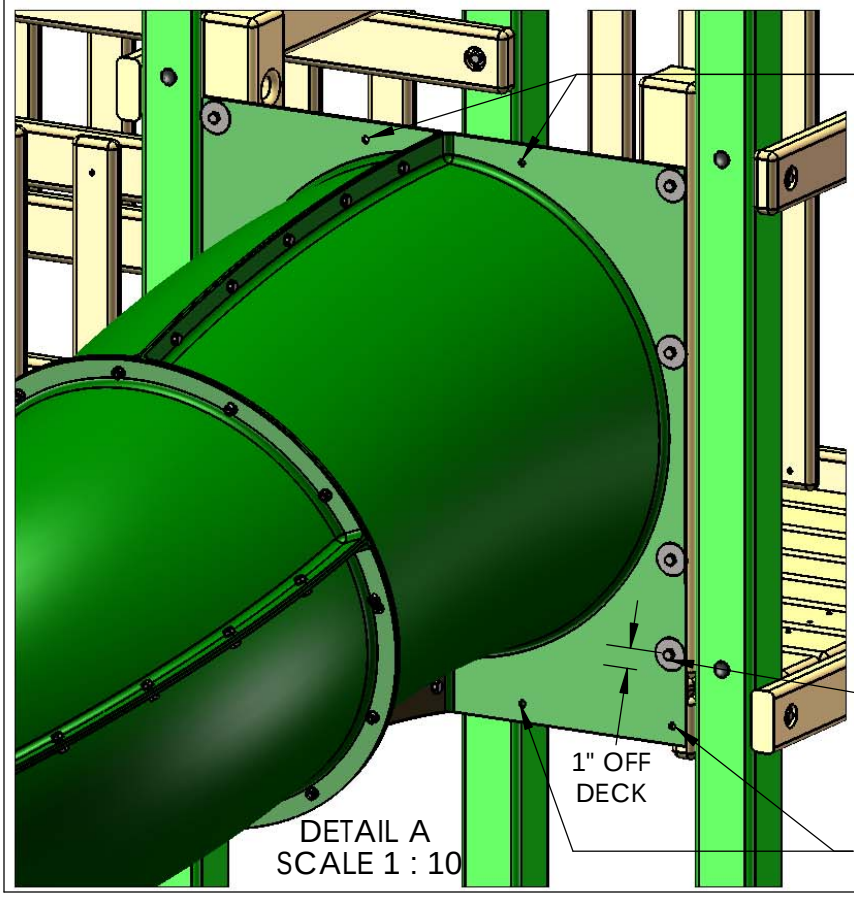
4: MEASURE 1" OFF THE DECK AND TRANSFER THAT DIMENSION TO THE FACE OF THE TUBE SLIDE ON EACH SIDE AT THE BOTTOM. DRILL AN 11/64" HOLE AT EACH MARK ABOUT 3" DEEP. INSTALL ONE 3/8" X 3-1/2" LAG SCREW WITH 3/8" FENDER WASHER IN EACH HOLE.



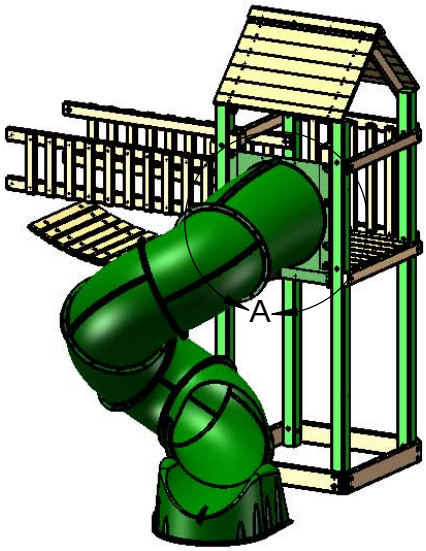
THE SLIDE ENTRY SHOULD BE FLUSH TO THE TOP OF THE DECK.



IT IS IMPORTANT THAT YOU EITHER DIG IN OR SHIM UP THE FOOTER WITH DIRT SO THAT IT IS ABOUT EVEN WITH THE BOTTOM OF THIS SANDBOX BOARD. THE SLIDE SHOULD NOT BE FLOATING OFF THE GROUND AT THE BOTTOM NOR SHOULD THE SLIDE BE COMPRESSED AT THE BOTTOM.



DETAIL A
SCALE 1 : 10

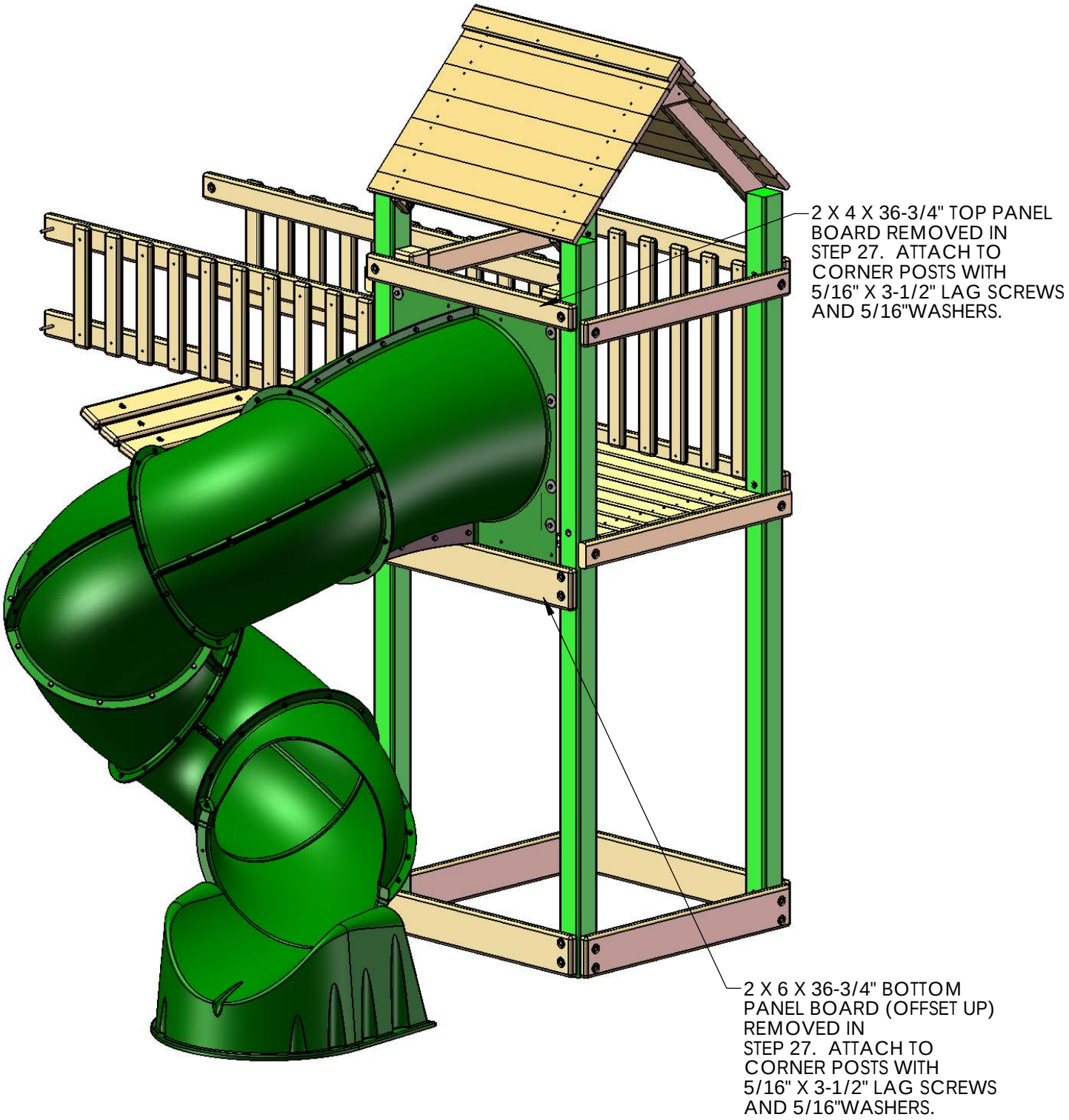


STEP 30: ATTACHING 2 X 4 AND 2 X 6 PANEL BOARDS

1: LOCATE THE 2 X 4 X 36-3/4" TOP PANEL BOARD AND THE 2 X 6 X 36-3/4" BOTTOM PANEL BOARD THAT YOU REMOVED IN STEP 27.

2: PLACE THE BOTTOM OF THE 2 X 4 FLUSH TO THE TOP OF THE ENTRY SECTION. ATTACH THE 2 X 4 TO THE CORNER POSTS WITH 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS.

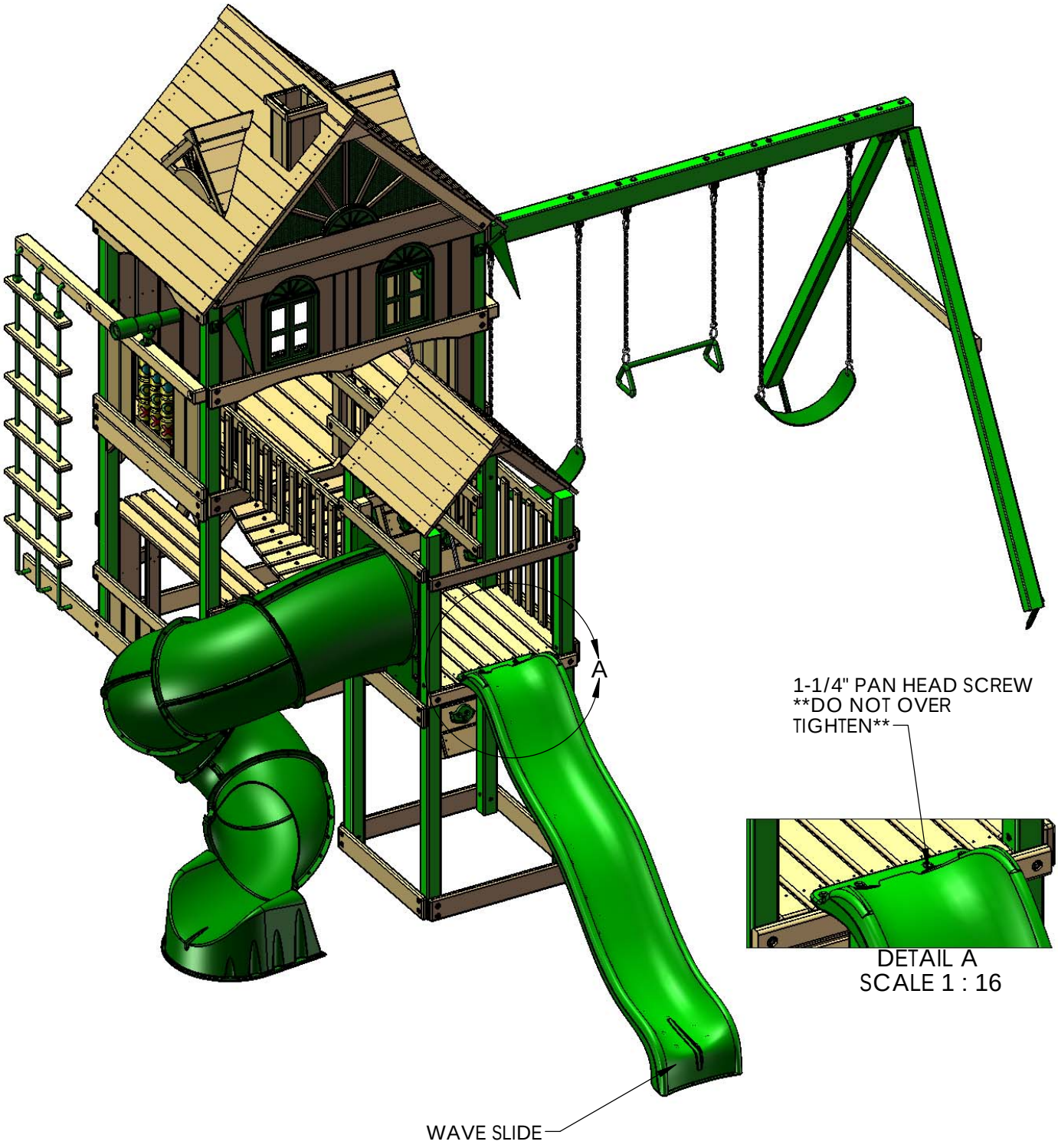
3: PLACE THE TOP OF THE 2 X 6 OFFSET UP AGAINST THE BOTTOM OF THE ENTRY SECTION. ATTACH THE 2 X 6 TO THE CORNER POSTS WITH 5/16" X 3-1/2" LAG SCREWS AND 5/16" WASHERS.



STEP 31: ATTACHING WAVE SLIDE

1: PLACE THE SLIDE IN THE OPENING OF THE CLATTER BRIDGE TOWER AS SHOWN WITH THE LIP OF THE SLIDE RESTING ON TOP OF THE DECK BOARDS.

2: ATTACH THE SLIDE TO THE DECK BOARDS WITH FOUR #14 X 1-1/4" PAN HEAD SCREWS
DO NOT OVER TIGHTEN



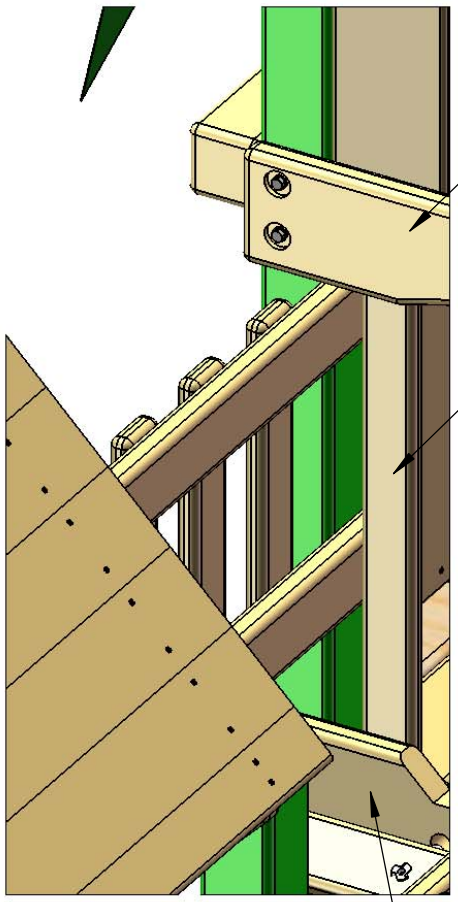
DETAIL A
SCALE 1 : 16

STEP 32: FINAL PANEL SLAT

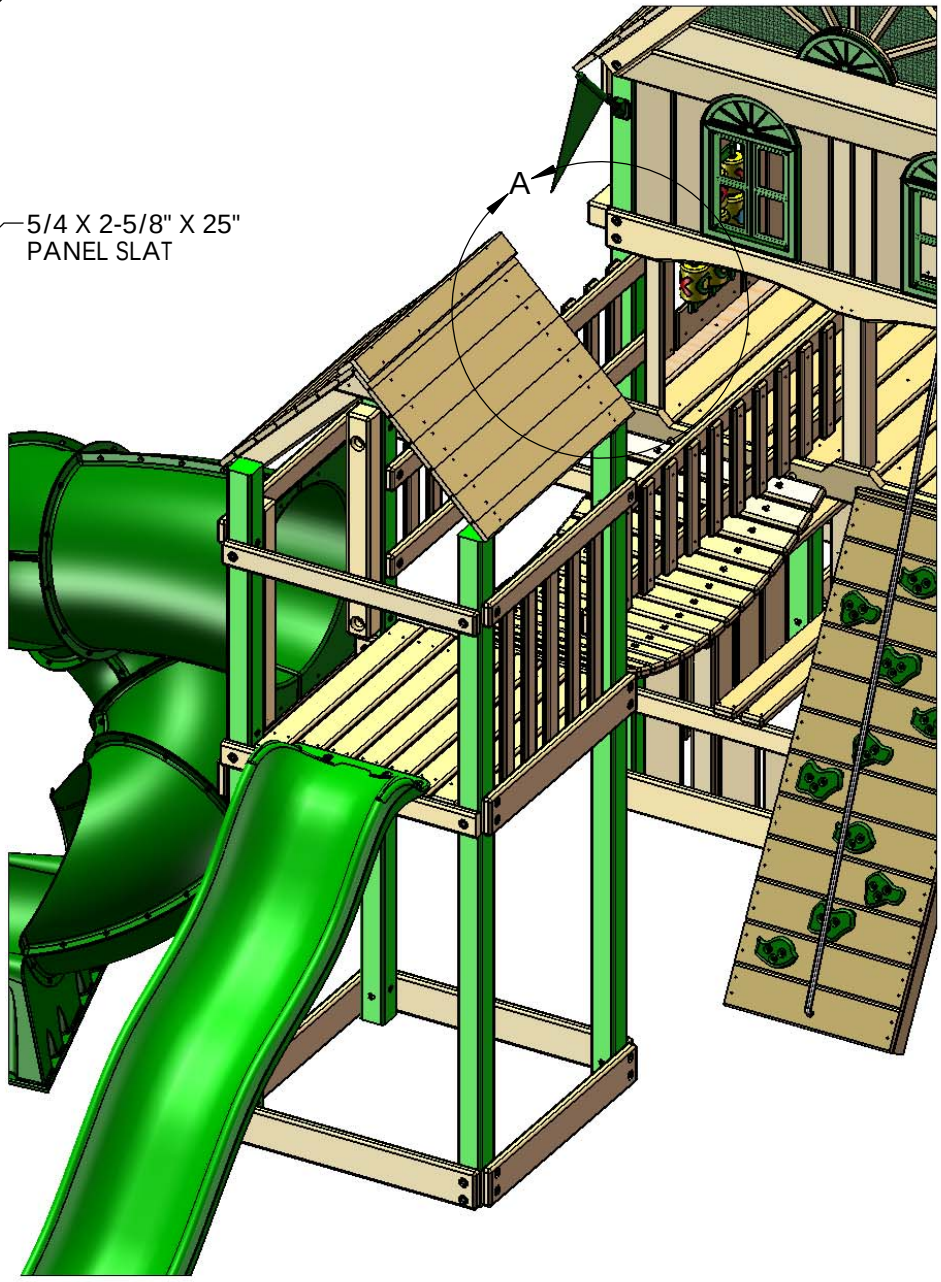
1: LOCATE THE 5/4 X 2-5/8" X 25" PANEL SLAT.

2: THIS SLAT WILL GO INSIDE THE PLAY SET ON TOP OF THE DECK ON THE LEFT HAND SIDE. IT WILL BE FLUSH AGAINST THE BRIDGE RAILS AS SHOWN IN DETAIL A BELOW.

3: ATTACH THE PANEL SLAT TO THE INSIDE OF THE 2 X 6 X 70 FRONT FACE BOARD AND INSIDE OF THE 2 X 6 X 70 TOP PANEL BOARD WITH TWO 2" WOOD SCREWS.



DETAIL A
SCALE 1 : 8

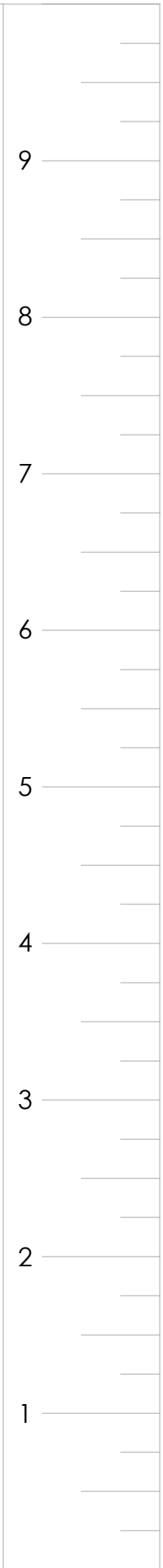


APPENDIX

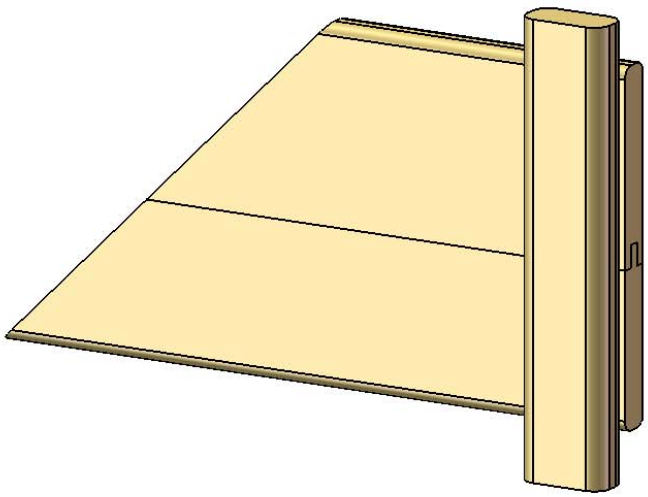
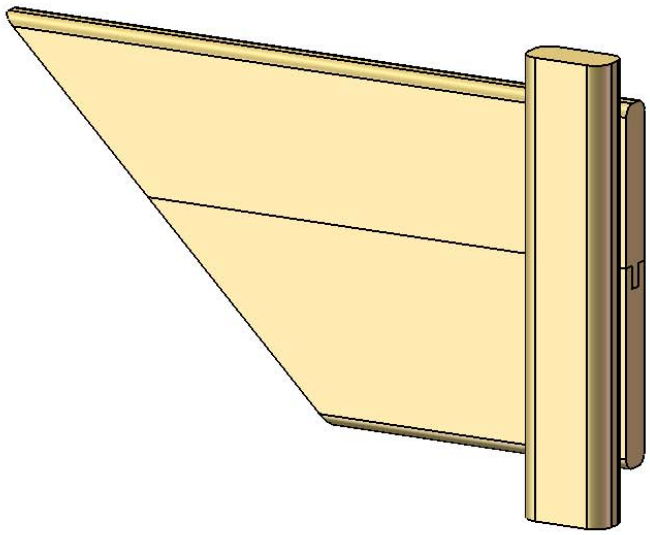
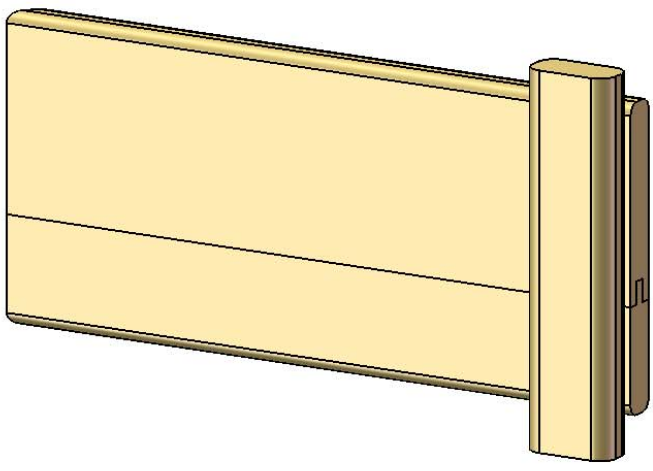
#8 X 1-1/4"
WOOD SCREW
QTY: 22

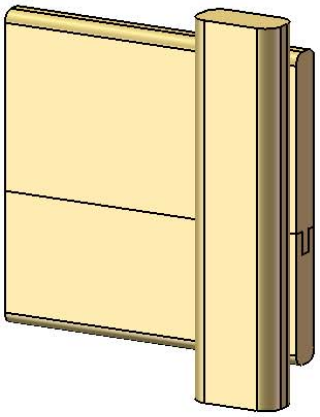
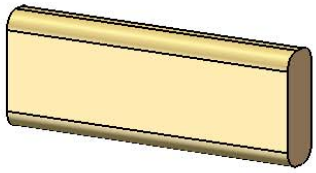
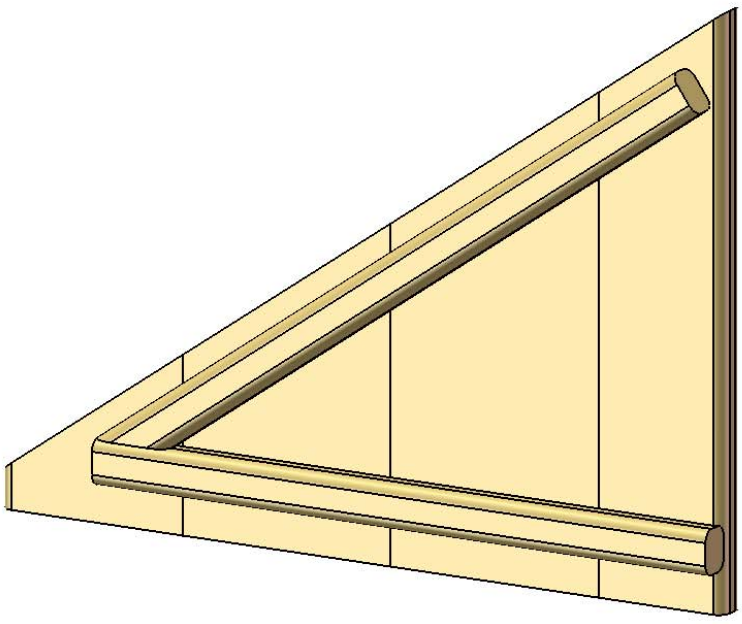
#8 X 1-1/2"
WOOD SCREW
QTY: 8

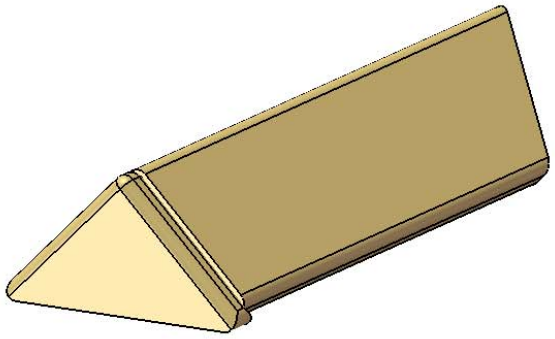
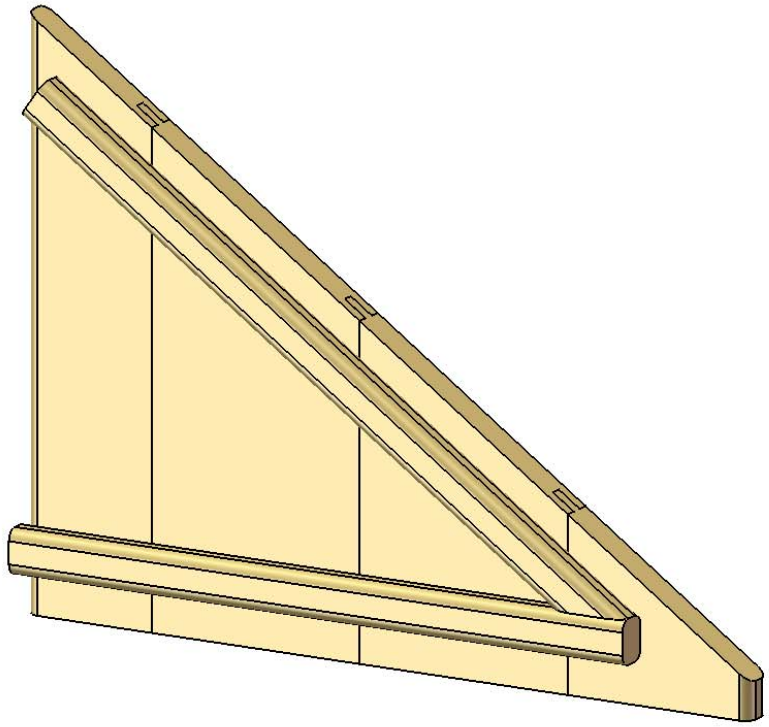
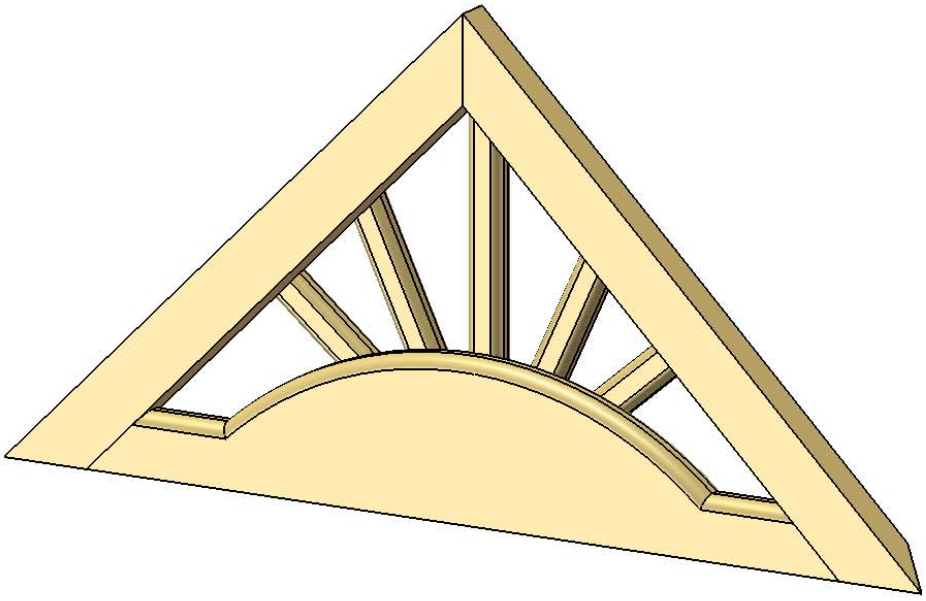
#8 X 2"
WOOD SCREW
QTY: 6



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.
	CHIMNEY LEFT SIDE ASSEMBLY	1
	CHIMNEY RIGHT SIDE ASSEMBLY	1
	CHIMNEY FRONT ASSEMBLY	1

PICTURE	DESCRIPTION	QTY.
	CHIMNEY REAR ASSEMBLY	1
	5/4X3X6-3/4" CHIMNEY MOUNTING BLOCK	1
	DORMER LEFT SIDE ASSEMBLY	2

PICTURE	DESCRIPTION	QTY.
	DORMER ROOF PEAK ASSEMBLY	2
	DORMER RIGHT SIDE ASSEMBLY	2
	DORMER SUNRAY ASSEMBLY	2

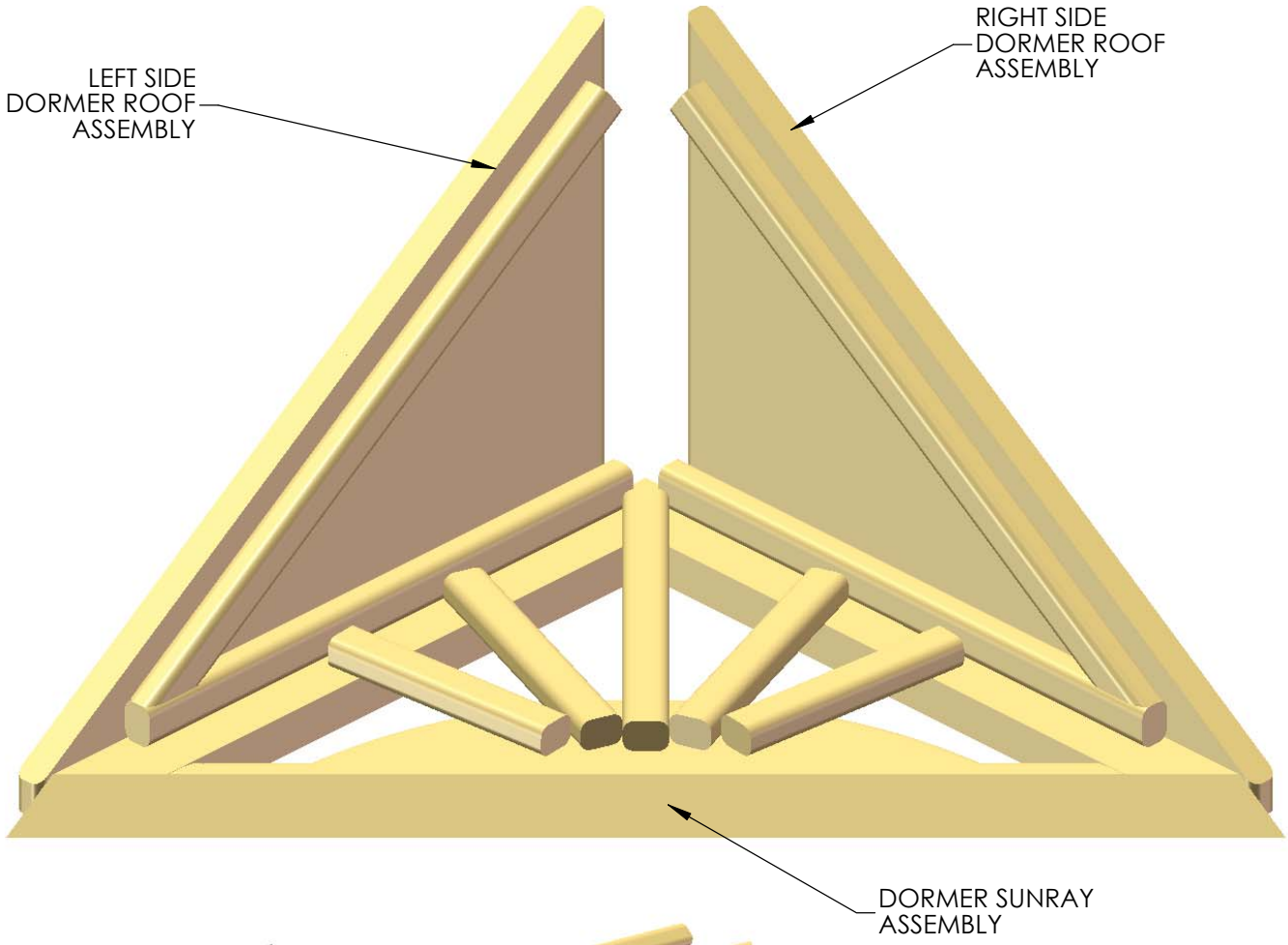
STEP 1: DORMER

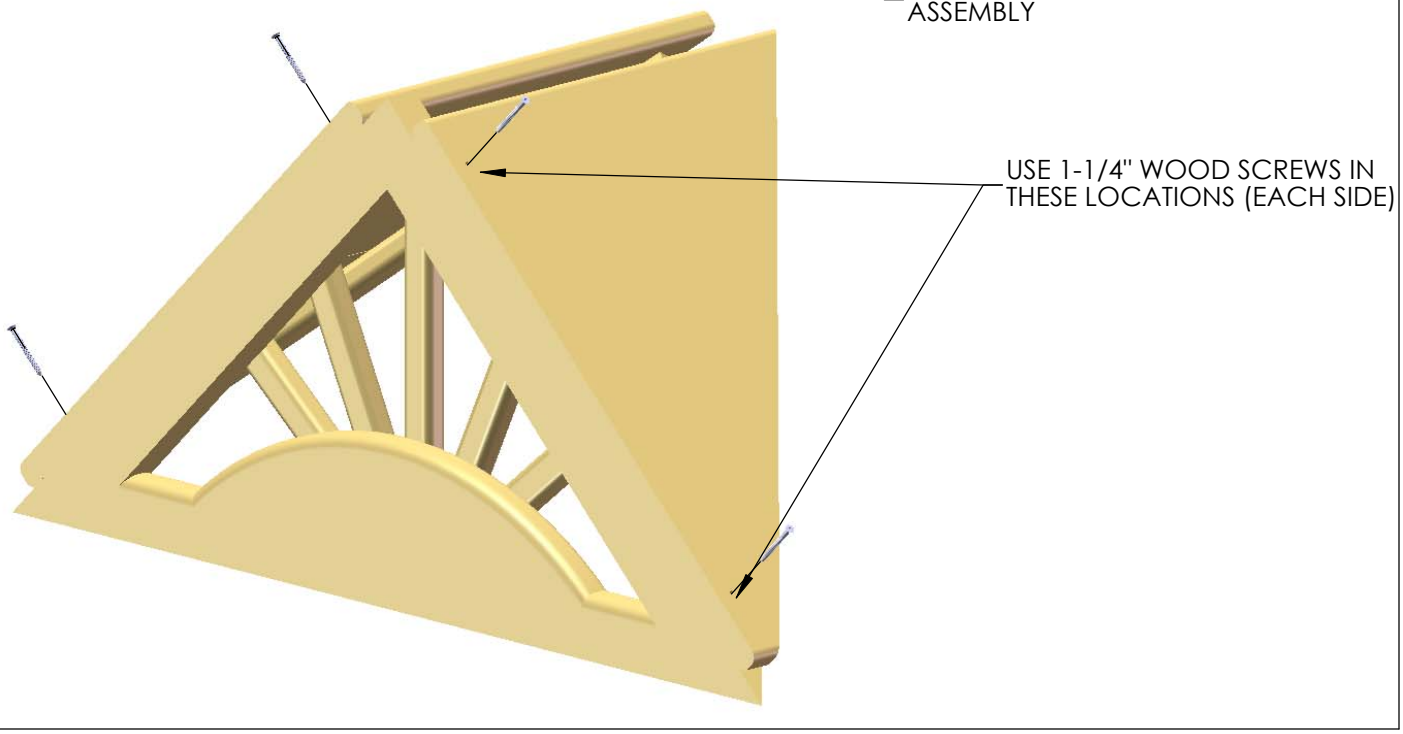
1: FIND TWO LEFT SIDE AND TWO RIGHT SIDE DORMER ROOF ASSEMBLIES.

2: FIND TWO DORMER SUNRAY ASSEMBLIES.

3: PLACE THE LEFT AND RIGHT ROOF ASSEMBLIES ON THE BACK SIDE OF THE DORMER SUNRAY ASSEMBLY AS SHOWN BELOW.

4: ATTACH THE DORMER ROOF SIDES TO THE DORMER SUNRAY WITH 1-1/4" WOOD SCREWS FROM THE ROOF BOARDS OF THE ROOF ASSEMBLIES.

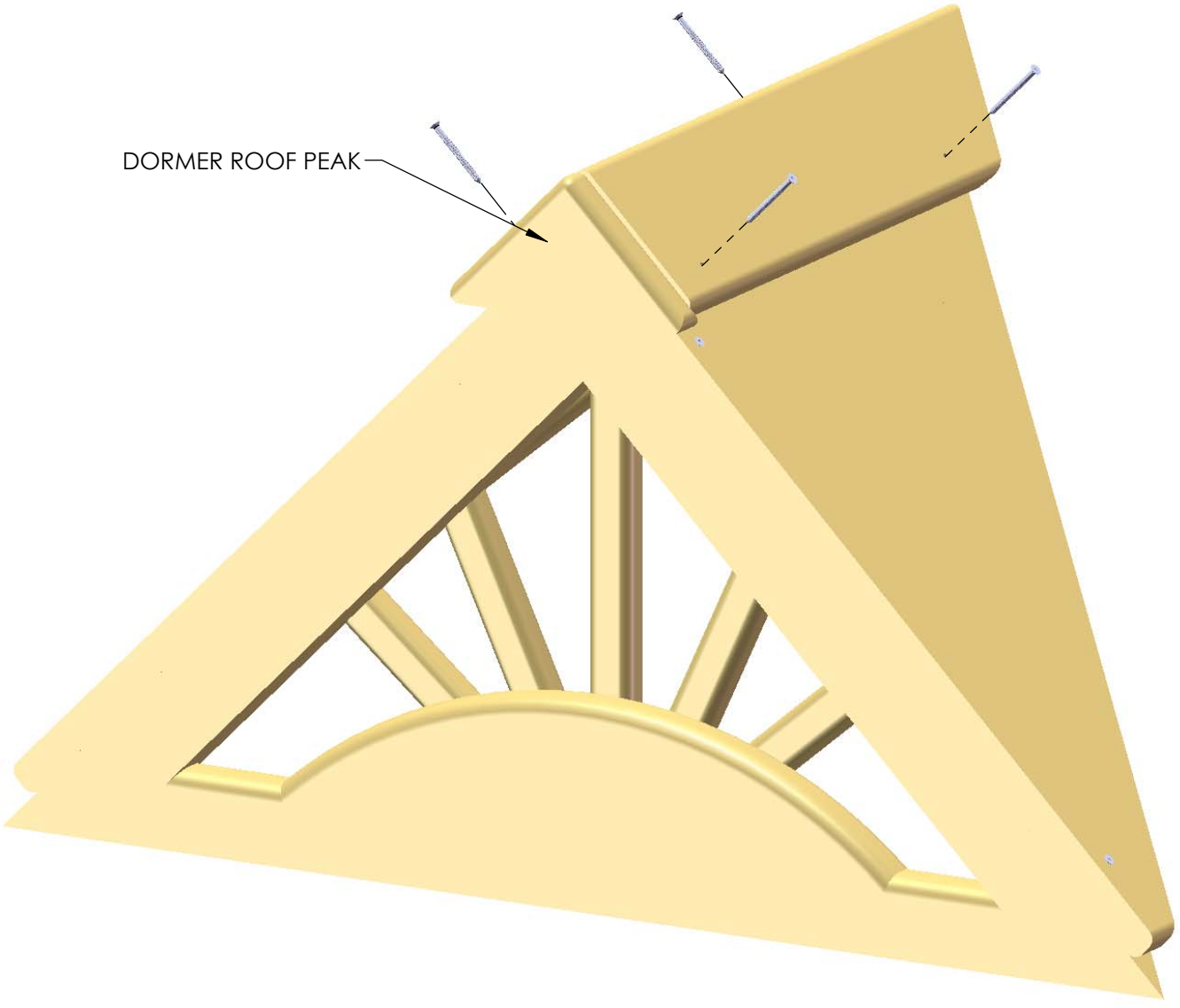




STEP 2: DORMER

1: FIND THE DORMER ROOF PEAK ASSEMBLY.

2: PLACE THE ROOF PEAK ASSEMBLY IN THE TOP OF THE ROOF AND FASTEN WITH 1-1/4" WOOD SCREWS.

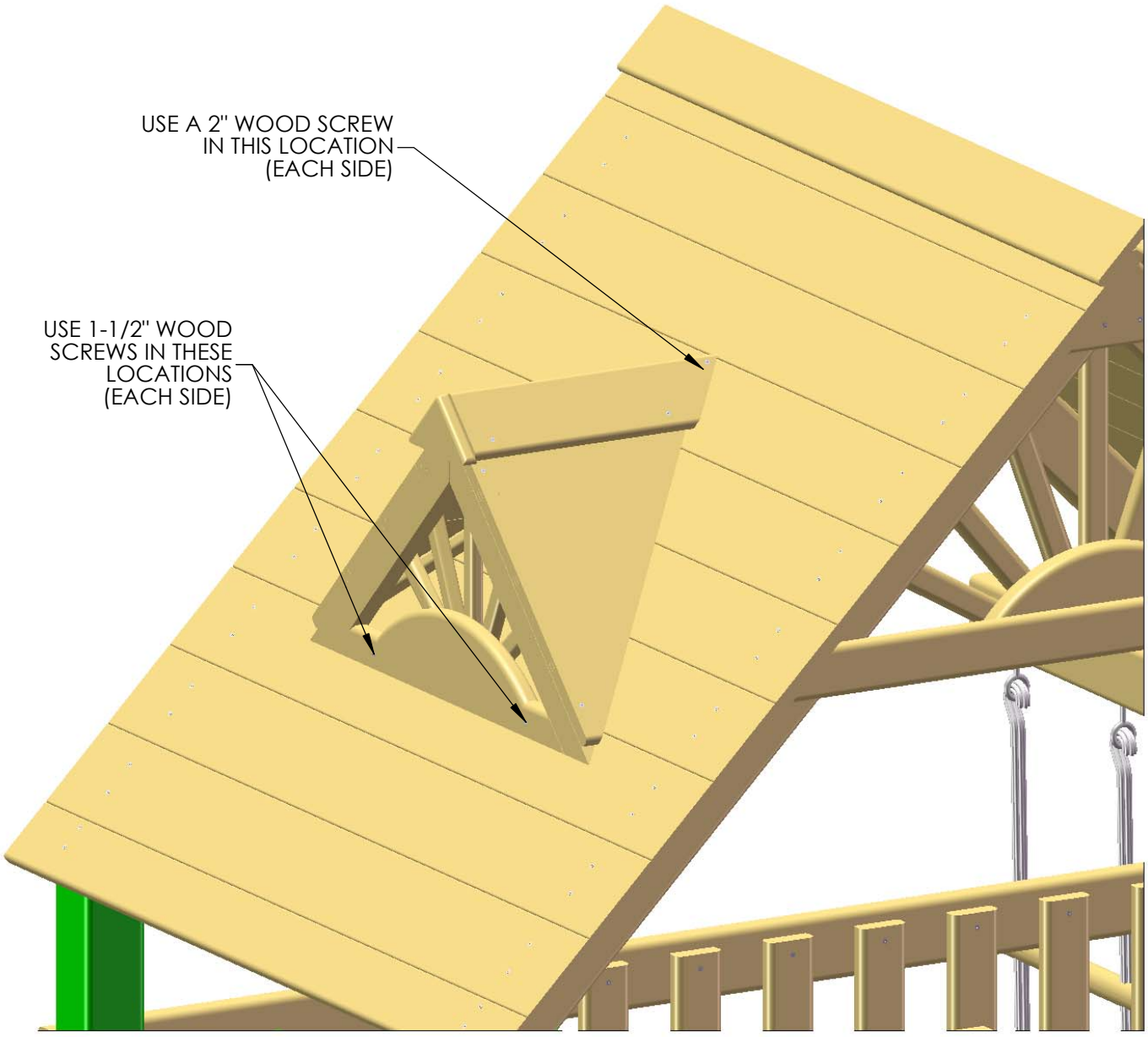


STEP 3: DORMER

1: CENTER THE DORMER ASSEMBLIES ON THE ROOF.

2: USE A 2" WOOD SCREW TO FASTEN THE DORMER PEAK TO THE ROOF.

3: USE 1-1/2" WOOD SCREWS TO FASTEN THE FACE OF THE DORMER TO THE ROOF.

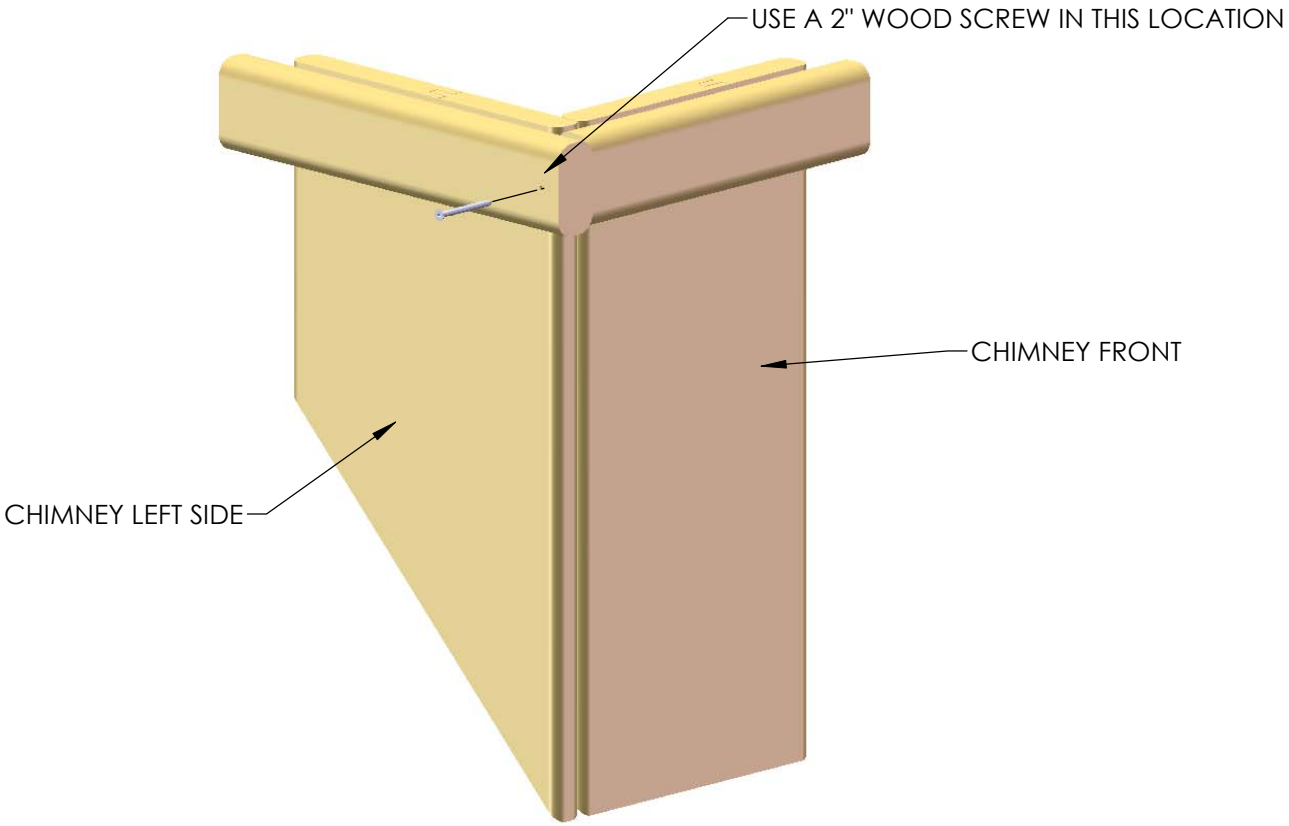


THE UNIT SHOWN ABOVE MAY NOT BE YOUR EXACT PLAYSET.
SHOWN FOR ILLUSTRATION PURPOSES ONLY

STEP 4: CHIMNEY

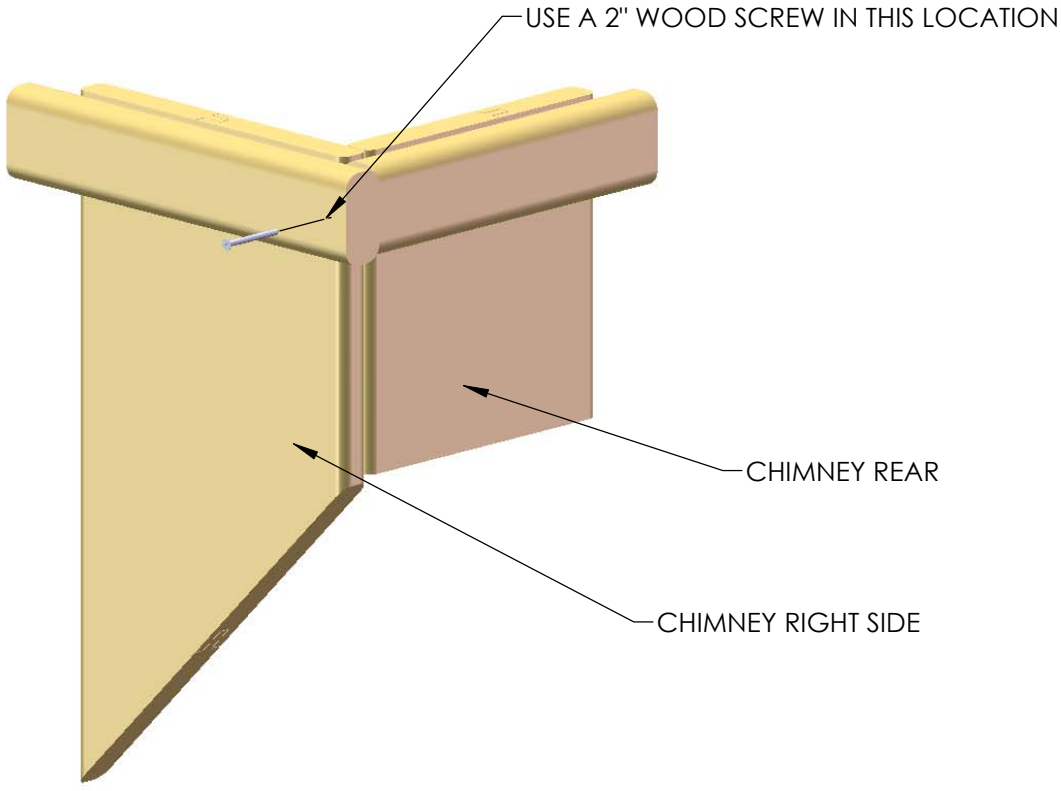
1: FIND THE FRONT AND LEFT SIDE OF THE CHIMNEY.

2: ATTACH THE FRONT AND LEFT SIDES OF THE CHIMNEY WITH A 2" WOOD SCREW.



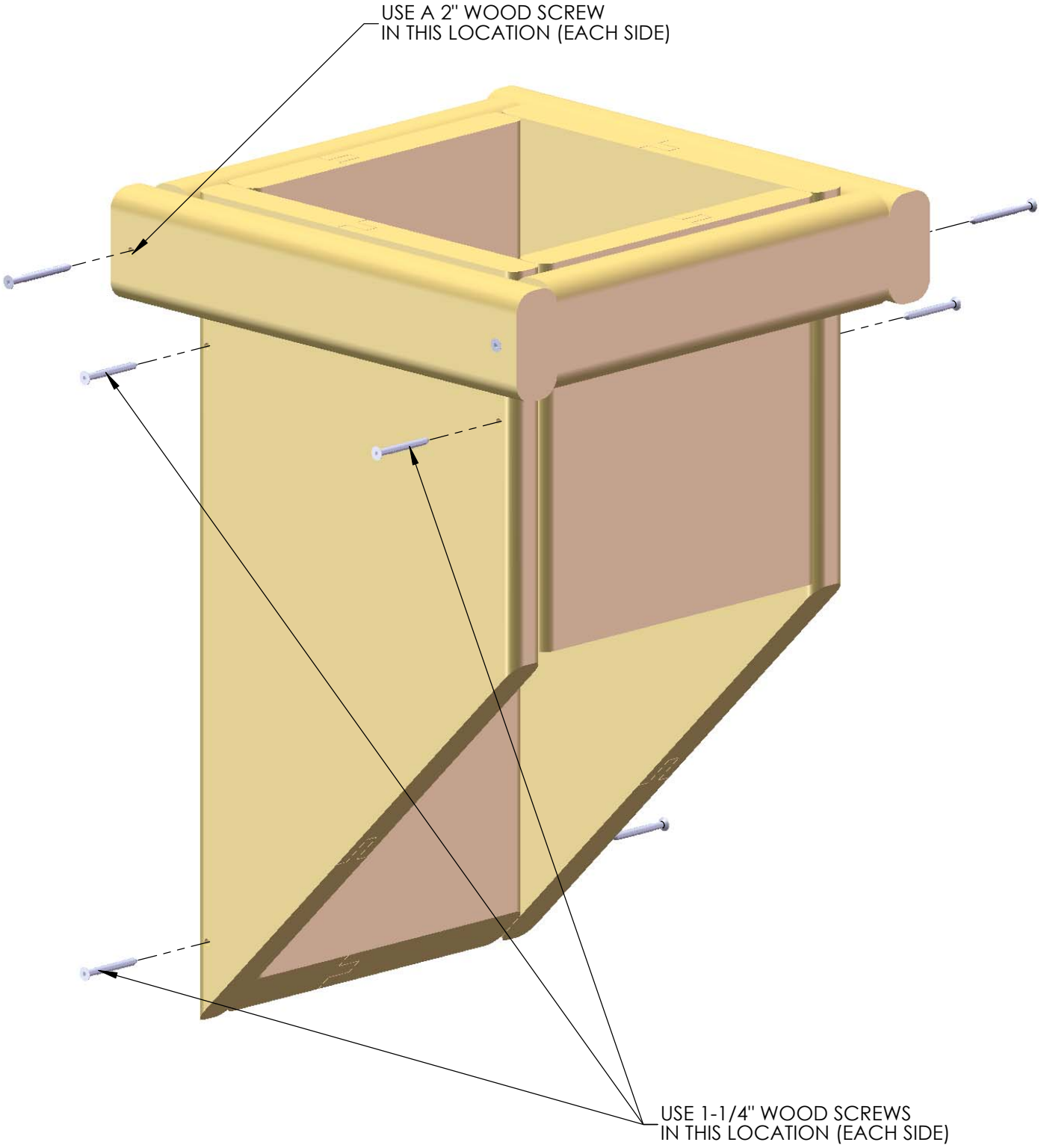
1: FIND THE REAR AND RIGHT SIDE OF THE CHIMNEY.

2: ATTACH THE REAR AND RIGHT SIDES OF THE CHIMNEY WITH A 2" WOOD SCREW.



STEP 5: CHIMNEY

1: ATTACH THE CHIMNEY SIDES FROM THE PREVIOUS SIDES TO FORM THE CHIMNEY WITH 2" AND 1-1/4" WOOD SCREWS.

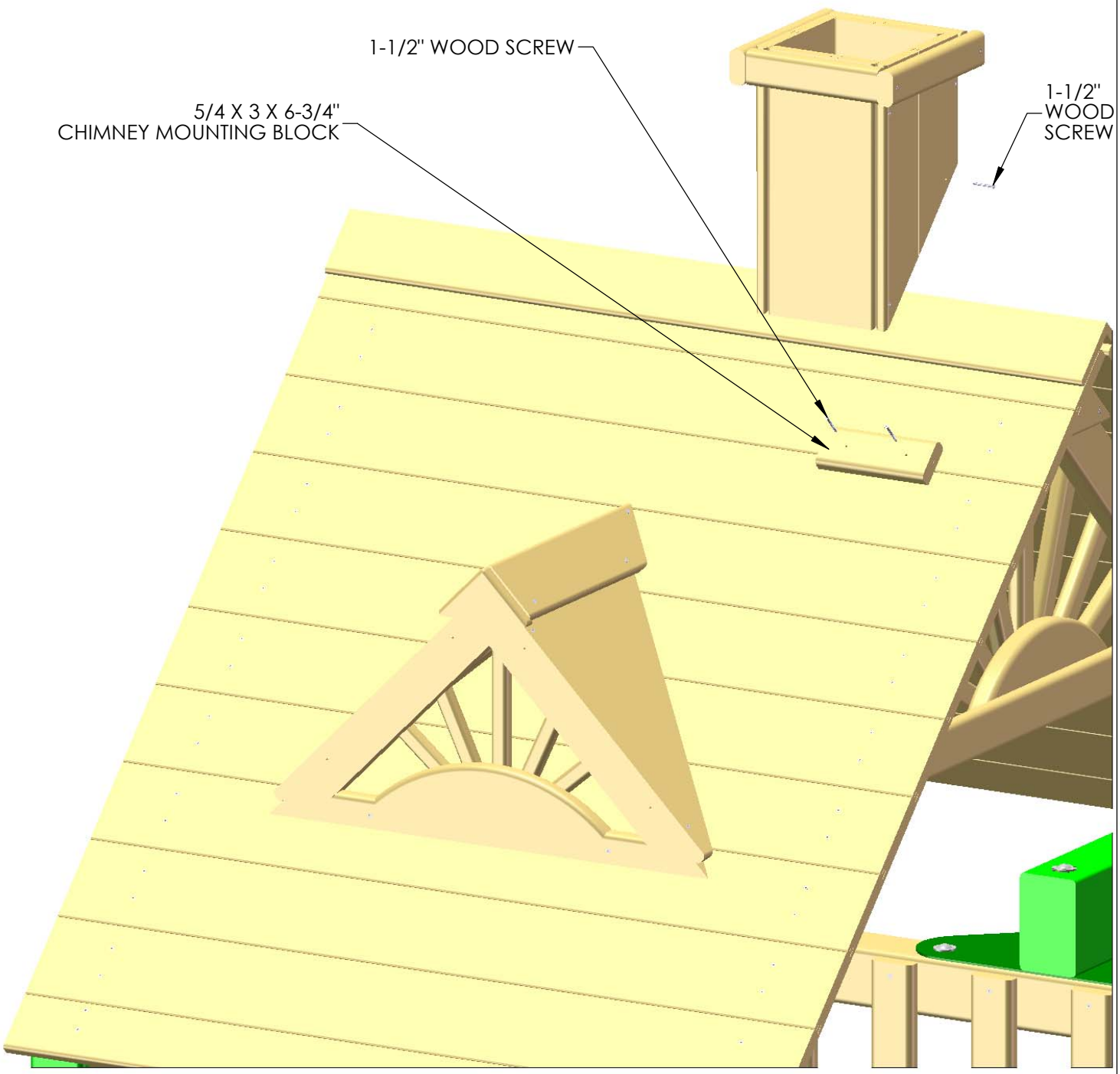


STEP 6: CHIMNEY

1: FASTEN THE 5/4 X 3 X 6-3/4" CHIMNEY MOUNTING BLOCK TO THE ROOF WITH 1-1/2" WOOD SCREWS. YOU CAN PLACE THE BLOCK AT ANY DESIRED PLACE ON THE ROOF. USE THE DIAGRAM BELOW AS A GUIDE AS TO WHERE YOU MIGHT INSTALL YOUR CHIMNEY.

2: AFTER INSTALLING THE CHIMNEY MOUNTING BLOCK, PLACE THE CHIMNEY ASSEMBLY ON THE ROOF SO THAT THE INSIDE OF THE BACK WALL RESTS AGAINST THE BLOCK.

3: FASTEN THE CHIMNEY TO THE CHIMNEY MOUNTING BLOCK WITH A 1-1/2" WOOD SCREW IN EACH SIDE.



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