

# Pangaea

## ASSEMBLY MANUAL

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[www.PlayNation.com](http://www.PlayNation.com) • 190 Etowah Industrial Court • Canton, GA 30114 • (800) 661-7295  
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**PLEASE READ OWNER'S MANUAL CAREFULLY  
BEFORE STARTING ASSEMBLY!**



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## IMPORTANT – PLEASE READ

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

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

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

We appreciate your purchase and know that you will enjoy your play system for many years to come.

IF YOU HAVE MISSING OR DAMAGED PARTS OR NEED ASSISTANCE ASSEMBLING, PLEASE CALL PlayNation Play Systems, Inc. MANUFACTURING DIRECT.(800) 445-7529 FACTORY HOURS – MON.–FRI., 8AM-5PM EST DO NOT RETURN THIS PRODUCT TO THE RETAILER OR CONTACT THE RETAILER DIRECT. THE RETAILER DOES NOT STOCK COMPONENTS. PLEASE RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE. KEEP THEM IN A SAFE PLACE WHERE YOU CAN REFER TO THEM AS NEEDED.

### CONTACT INFO:

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Check for revised instructions at [www.playnation.com/instructions.html](http://www.playnation.com/instructions.html)

## **Thank you for choosing PlayNation Play Systems, Inc.**

We've included everything you need, except tools, to build your very own professional looking play set. When complete, your new play set should far exceed the quality of play set kits from other build-your-own companies. Our engineers and design team have over 30 years of playground experience. What we've developed is a play set that doesn't compromise quality for simplicity. Yet you'll appreciate how quick and easy construction really is! Our play set kits are designed for children ages 3 to 11. PlayNation Play Systems, Inc. believes every child should have a play set and with our kits they can! You can rest assured your new play set is safe, durable and designed to hold up to the elements. As parents ourselves, we know how important the security and well-being of our children is, and this shows in all of our products.

Each play set features our step-by-step 3D illustrated manual, patented powder coated swing beam bracket, heavy-duty swing belts with chains, slide(s), accessories, plus all the required hardware and pre-milled lumber.

# Limited Manufacturers Warranty

PlayNation Play Systems, Inc. ("PlayNation") warrants its play sets to be free from defects in workmanship and materials, under normal use and conditions at its original installation, for the lifetime of the product for structural wood components and for two years for all other components (e.g., hardware, plastics, tarps, rope ladder, etc.) except Super Scoop Slides™ and Super Tube Spiral Slides™.

PlayNation warrants its Super Scoop Slides™ and Super Tube Spiral Slides™ to be free from defects in workmanship and materials, under normal use and conditions, for the lifetime of the product.

Cosmetic defects or natural defects of wood (e.g., warping, seasonal checking or cracking, knots, or knot holes, etc.) that do not affect the structural integrity of the product are not covered by this warranty. Defects that develop because the product is exposed to extreme climate conditions, excessive water exposure, lumber that has been damaged by wood boring bees, or defects that develop as a result of faulty or improper installation of the product, are not covered by this warranty. Fading, discoloration or molding of any wood part or accessory, 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 properly maintain the play set. Instructions for proper maintenance can be found on PlayNation's website. Imperfections or defects that develop because of a failure to properly maintain the play set are not covered by this warranty.

PlayNation will repair or, at its discretion, replace any part within the stated warranty period that is defective in workmanship or materials. This decision is subject to verification of the defect, which, at PlayNation's discretion, may be accomplished by submitting photographs or by delivery of the defective part to PlayNation. 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, PlayNation 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 or institutional setting. This warranty does not cover (a) products that have been damaged by acts of God, negligence, misuse, or accident, or that have been modified or repaired by unauthorized persons; (b) the cost of labor; or (c) the cost of shipping the product, any part, or any replacement product or part.

PLAYNATION DISCLAIMS ALL OTHER REPRESENTATIONS AND WARRANTIES OF ANY KIND, EXPRESS, IMPLIED, STATUTORY, OR OTHERWISE, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. PLAYNATION WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. This warranty is valid only in the United States of America, is nontransferable 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 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. PlayNation 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 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.

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

## WEIGHT LIMITS FOR PlayNation Play Systems

- FORT PLATFORMS: 800 LBS. TOTAL WEIGHT
- SWING BELTS: 225 LBS.
- GLIDER SWINGS: 70 LBS. PER CHILD. UP TO 140 LBS. TOTAL WEIGHT.
- TRAPEZE: 125 LBS.
- FULL BUCKET SWING: 50 LBS.
- TODDLER BUCKET SWING: 50 LBS.
- INFANT SWING: 35 LBS.
- TIRE SWING: 125 LBS. TOTAL WEIGHT
- ROPE LADDER: 75 LBS.
- ROCK WALL: 150 LBS.
- SLIDES - Super Scoop™, Super Wave Scoop™, Super Tube Slide™: 250 LBS.
- MONKEY BARS: 175 LBS.
- CLATTER BRIDGE: 175 LBS.
- CLIMBING RAMP: 150 LBS.

PlayNation 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.

## 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.**

- Each play set (Unit A and Unit C) is designed for the use of 4 occupants who have a combined weight not exceeding 800 pounds on the elevated decks. Unit B (Bridge) is designed for the use of 4 occupants who have a combined weight of 600 pounds total: 300 pounds on the swing area and 300 pounds on the bridge platform. This makes a total unit capacity of 12 occupants who have a combined weight of  $800 + 800 + 600 = 2200$  pounds. (This weight does not include the picnic table area)
- 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.
- Parents should have 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.
- Teach children to never crawl on top of a fort roof.
- Verify that any suspended climbing ropes, chains, or cables are secured at both ends.
- Verify climbing ropes are tight enough that they cannot be wrapped 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.

**WARNING: Children must NOT use this play set until unit has been completely assembled and inspected by an adult to insure set has been properly installed.**

## **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 frequently 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.
- 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 PlayNation for warranted replacement parts.
- 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 CRF Part 1303.
- 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.
- Rake the playground surface periodically to prevent compaction and maintain appropriate depths.
- 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 unit 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](http://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 such as the types and depths shown in the table.

## Fall Heights and Recommended 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.*

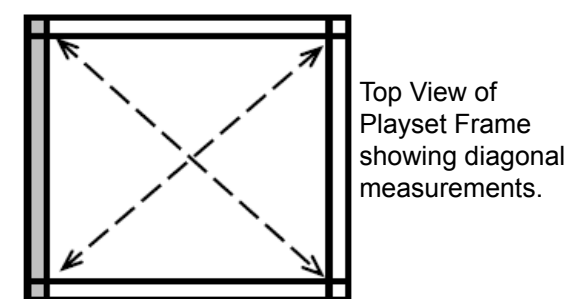
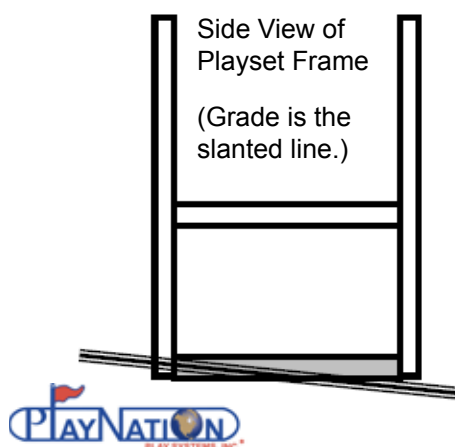
**2. Fall Zones** - A fall zone, covered with a protective surfacing material, is essential under and around equipment where a child might fall. This area should be free of other equipment and obstacles onto which a child might fall. Stationary climbing equipment and slides should have a fall zone extending 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 diagonally 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.**



THE DIAGONAL MEASUREMENTS SHOULD BE THE SAME FROM CORNER POST TO CORNER POST. IF NOT, ADJUST FORT 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 PlayNation Playsets can take as little as 6 hours up to 30 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 more clearly 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.
- Check all bolt connections and swing hangers seasonally.
- Place the set on level ground, not less than 6ft 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 to 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 to how to offset these parts.

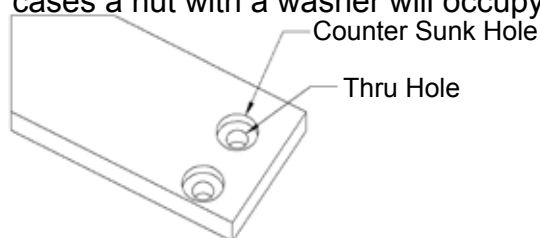
#### **EXAMPLE OF OFFSET HOLES UP**



#### **EXAMPLE OF OFFSET HOLES DOWN**



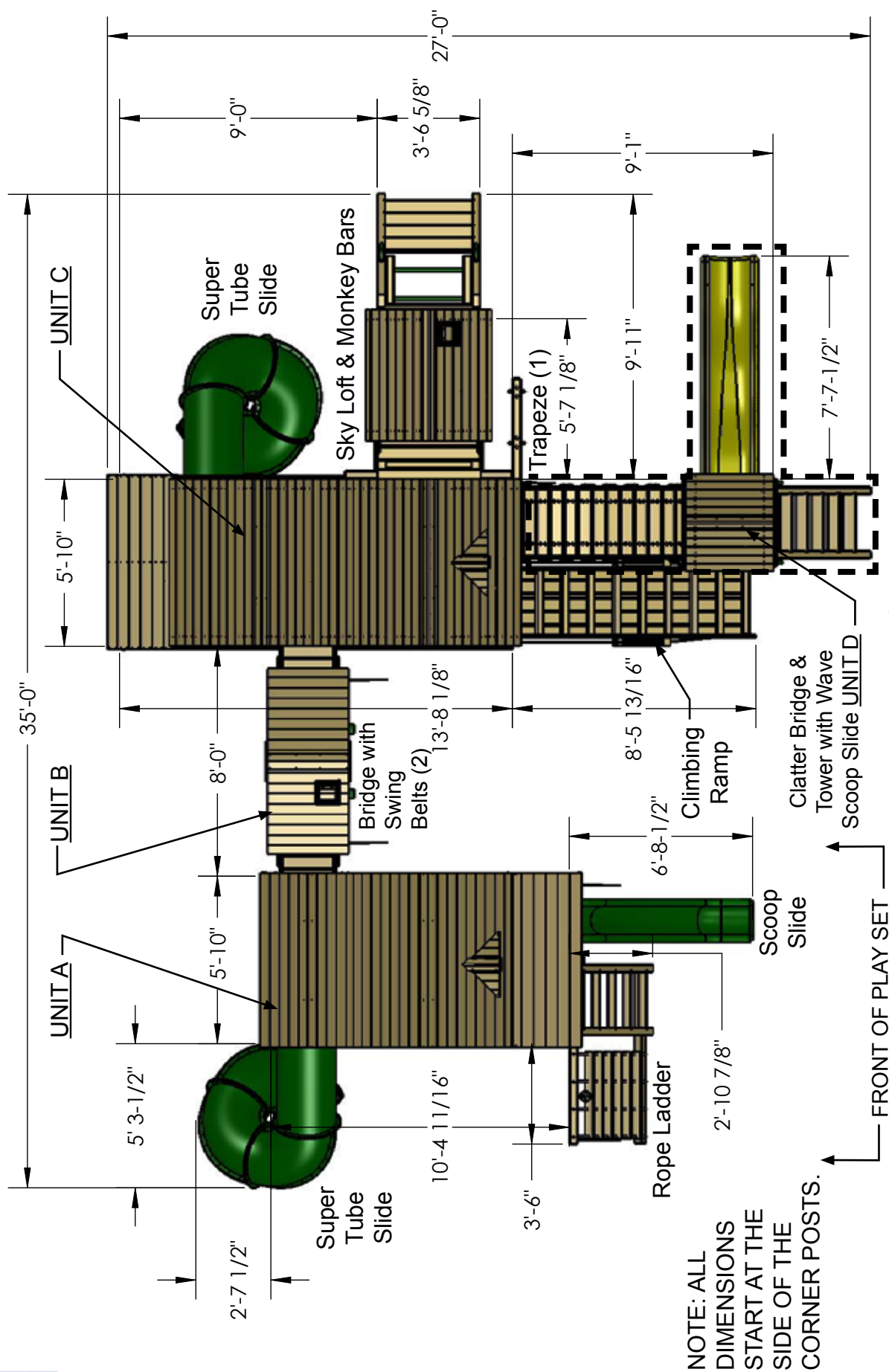
**Counter-sunk holes-** Many of the parts that will be used have counter-sunk holes. A counter-sunk hole is one that surrounds one side of a thru hole, but does not extend through the wood itself. When using a counter-sunk hole the bolt will be inserted through the thru hole. In some cases the bolt head with a washer will occupy the counter-sunk hole. In other cases a nut with a 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 necessary to tap the head of the lag screw with a hammer. You should also be sure to tighten the lag screws completely. Power tools such as an impact wrench or power drill should have enough torque to drive the lag screws without using a hammer, but make sure not to over tighten as this can cause the threads to “strip out” in the post.

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

**SITE PLAN:**



**NOTE: ALL DIMENSIONS START AT THE SIDE OF THE CORNER POSTS.**

Playset height: 14 feet - 2 inches  
Approximate assembly time: 30 hours

**6 foot unobstructed safety perimeter around playset recommended**

## REQUIRED TOOL LIST:

- \_\_\_ Standard or Cordless Drill w/ Phillips Bit (#2 square bit provided)
- \_\_\_ 1/8", 3/16", 1/4" and 3/8" Drill Bits
- \_\_\_ 1" Spade or Auger drill bit
- \_\_\_ 1/2" Wrench and Socket
- \_\_\_ 1/2" 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
- \_\_\_ String to align Rear Corner Posts
- \_\_\_ Carpenters Square

## KIT CONTENTS:

### Swings, Slides, Accessories:

- \_\_\_ (Qty ) Description
- \_\_\_ (2) Swingbelts w/ Chains
- \_\_\_ (1) Trapeze Swing w/ Chains
- \_\_\_ (2) Tire Swing w/ Chains
- \_\_\_ (1) Super Scoop Slide™ (5' Deck)
- \_\_\_ (1) Super Wave Scoop Slide™ (5' Deck)
- \_\_\_ (2) Super Tube Slide™
- \_\_\_ (1) Assembly Manual
- \_\_\_ (1) Rope Ladder
- \_\_\_ (3) Telescope
- \_\_\_ (2) Steering Wheel
- \_\_\_ (8) Metal Safety Handle
- \_\_\_ (4) Plastic Safety Handles (Pair)
- \_\_\_ (1) Dinner Bell
- \_\_\_ (3) Flag Kit (Pair)
- \_\_\_ (1) Periscope
- \_\_\_ (1) Binoculars

### Play Set Hardware:

*See pages included for each unit.*

### Wood Components:

*See pages included for each unit.*

### READ! VERY IMPORTANT!

If you are missing parts or have questions regarding the installation of our quality product PLEASE call us directly at the factory **(1-800-445-7529)**. Our trained staff will be happy to assist you.

### Customer service hours:

**Monday thru Friday 8AM – 5PM EST**

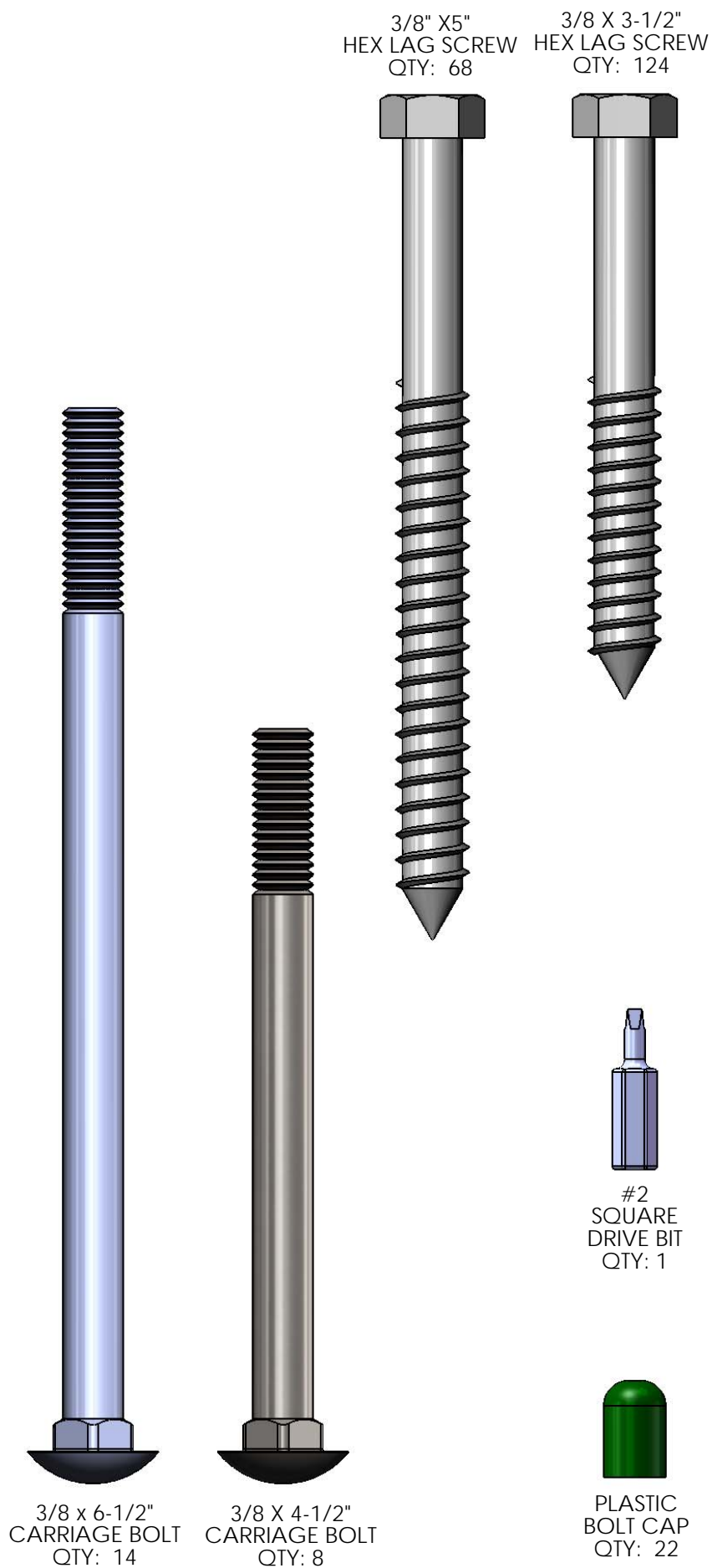
**E-mail: [custsrv@playnation.com](mailto:custsrv@playnation.com)**



# **UNIT A**

**(LEFT SIDE UNIT as you are standing in front of play set looking at the front.)**





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.



#8 X 1-1/4"  
WOOD SCREW  
QTY: 20



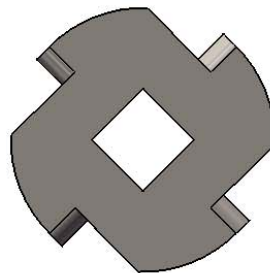
#8 X 1-1/2"  
WOOD SCREW  
QTY: 26



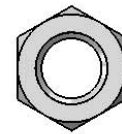
#8 X 2"  
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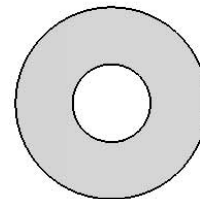
#8 X 2-1/2"  
WOOD SCREW  
QTY: 12



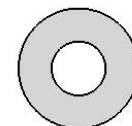
TORQUE WASHER  
QTY: 22



3/8" LOCK NUT  
QTY: 22



3/8" WASHER  
QTY: 182



1/4"  
WASHER  
QTY: 4

9

8

7

6

5

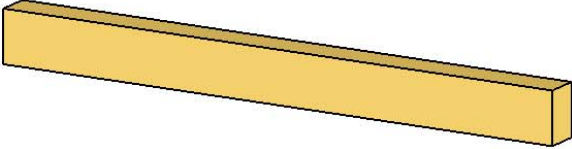
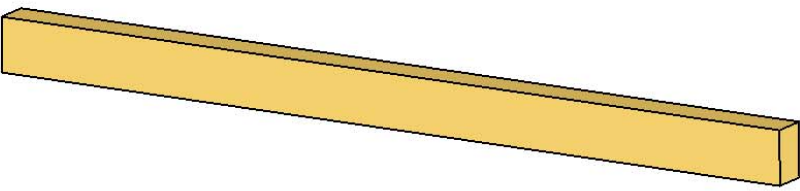
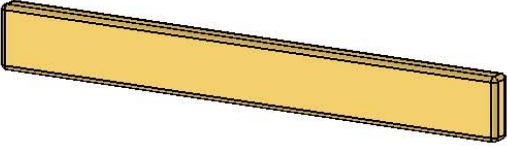
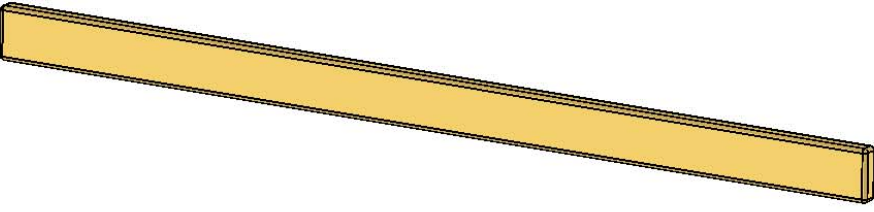
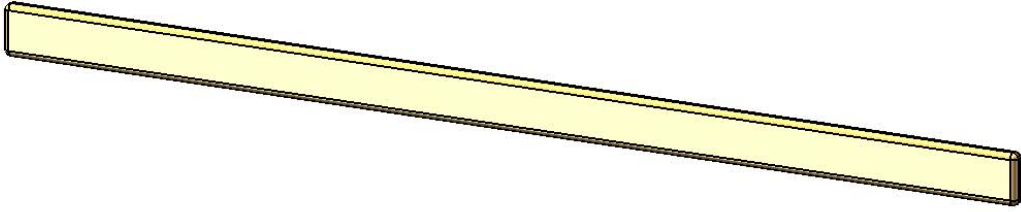
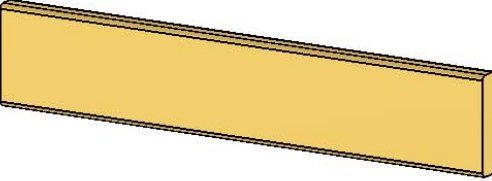
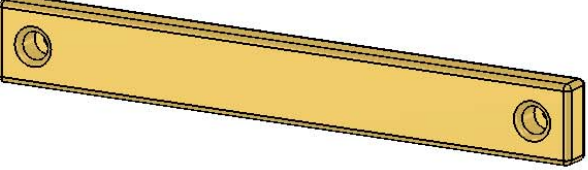
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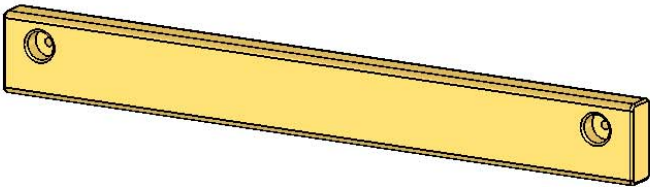
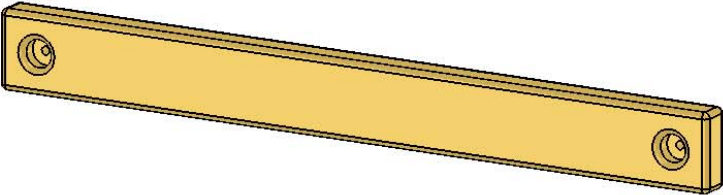
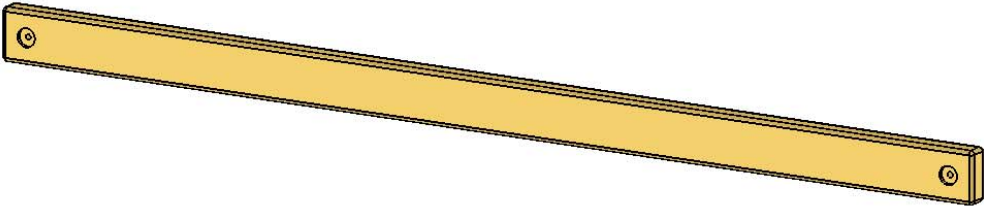
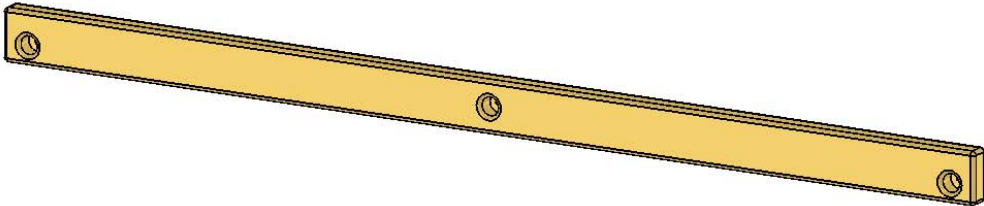
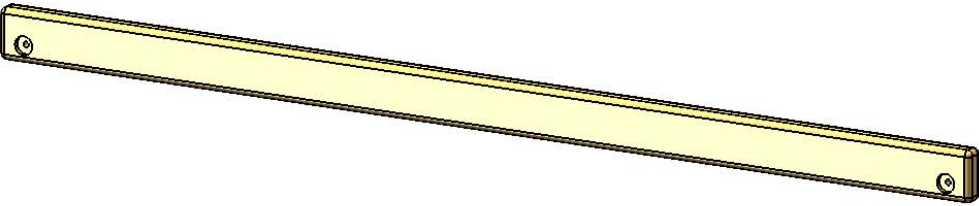
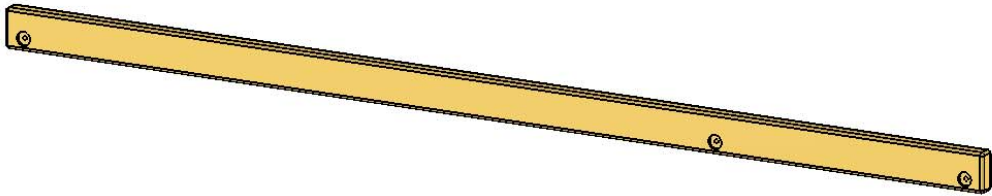
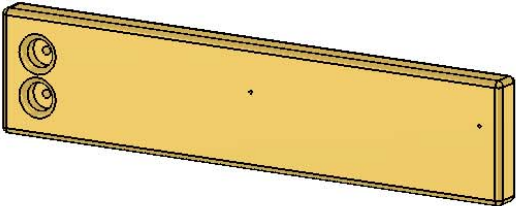
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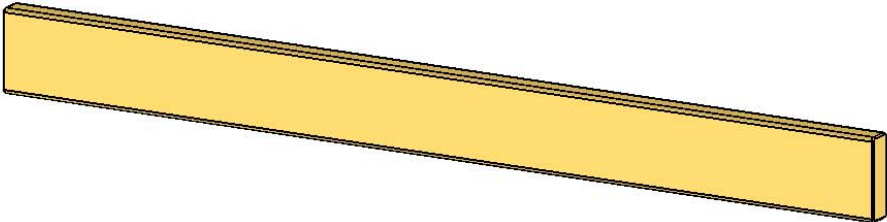
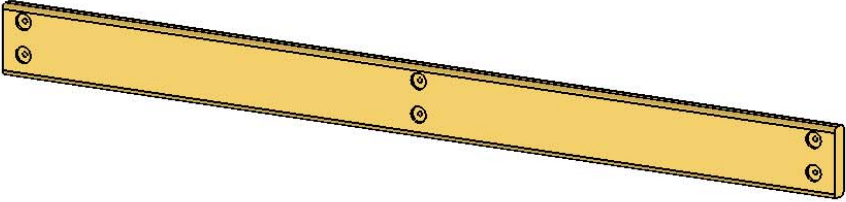
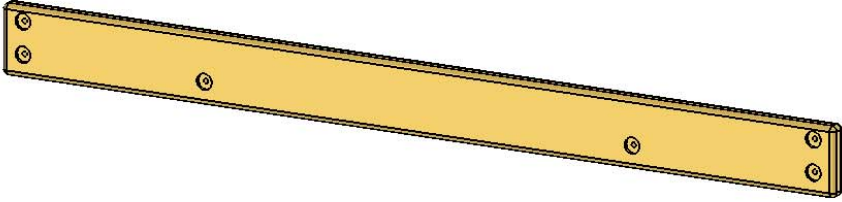
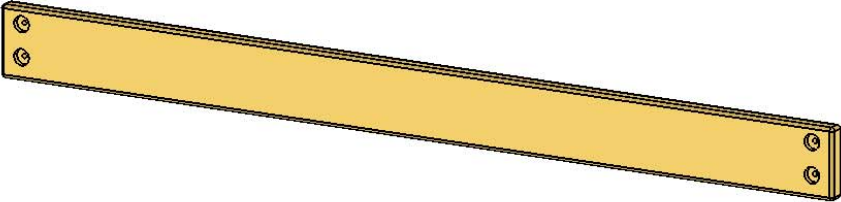
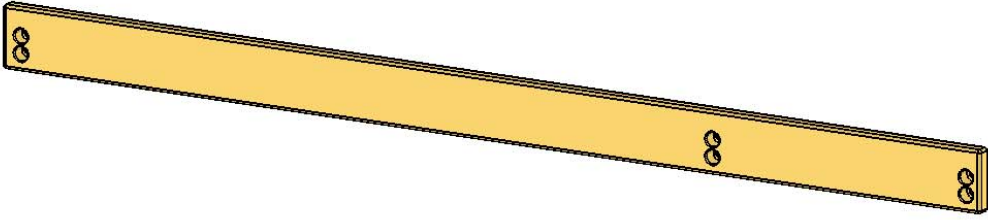
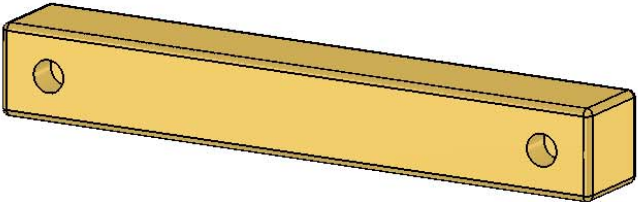
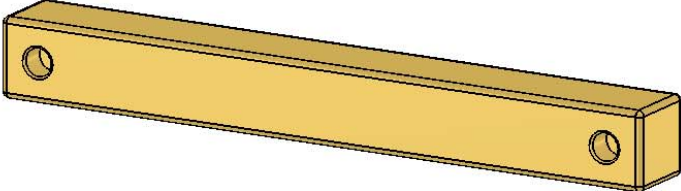
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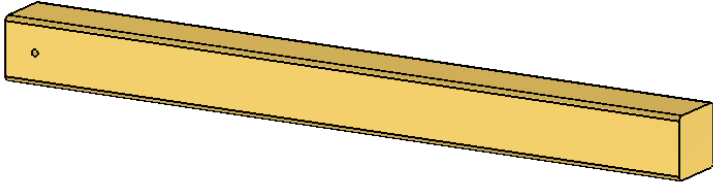
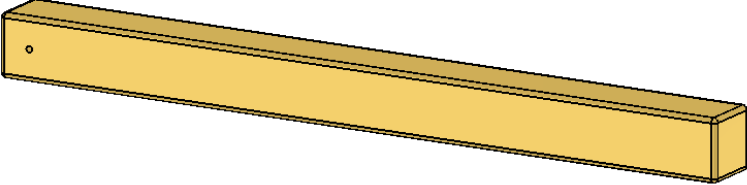
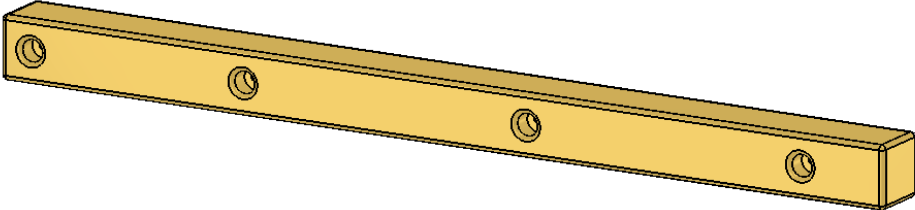
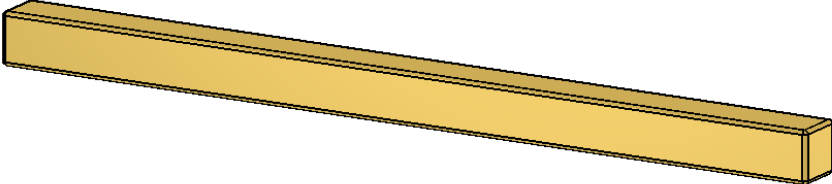
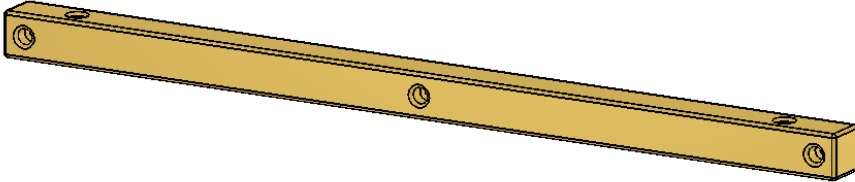
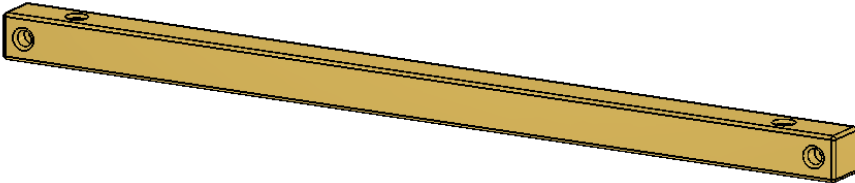
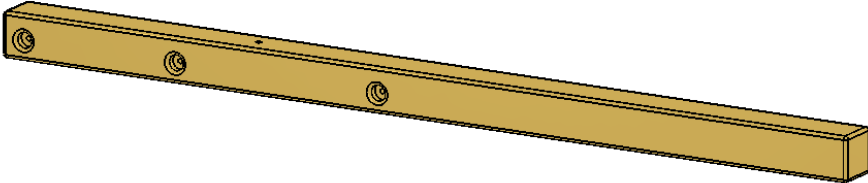
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USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.

PICTURE	DESCRIPTION	QTY.
	5/4 X 1 1/2 X 16 1/2" SUNBURST PIECE	<b>8</b>
	5/4 X 1 1/2 X 23 1/2" SUNBURST PIECE	<b>2</b>
	5/4 X 3 1/2 X 29 3/4" DECK SPACER	<b>6</b>
	5/4 X 3 1/2 X 62 3/4" DECK SPACER	<b>2</b>
	5/4 X 4 X 73" ROOF END CAP	<b>2</b>
	5/4 X 6 X 29" PANEL SLATS	<b>4</b>
	2 X 4 X 27 1/2" TOP PORCH PANEL BOARD	<b>2</b>

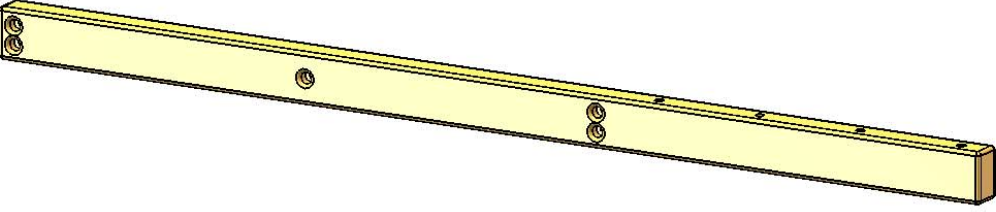
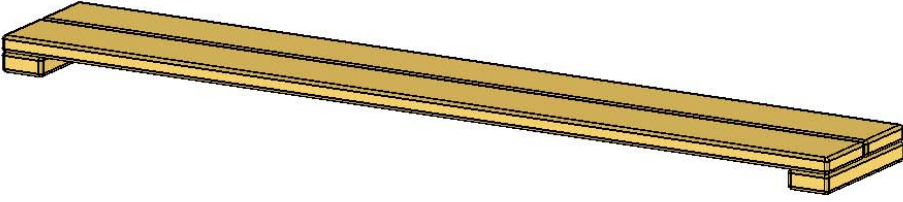
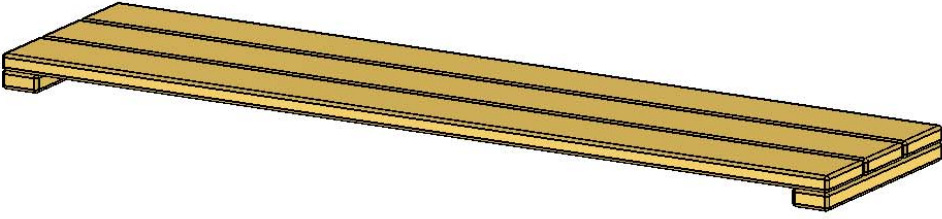
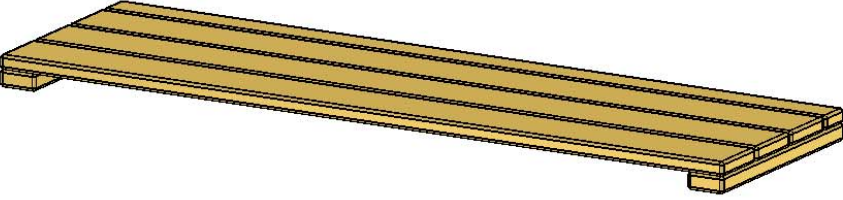
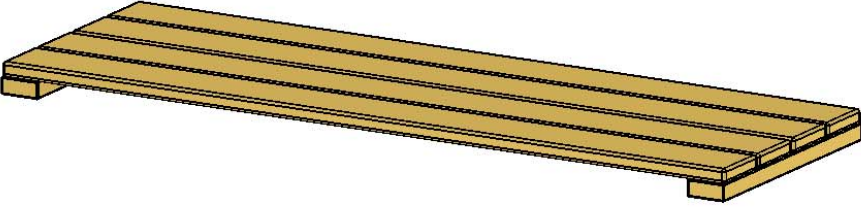
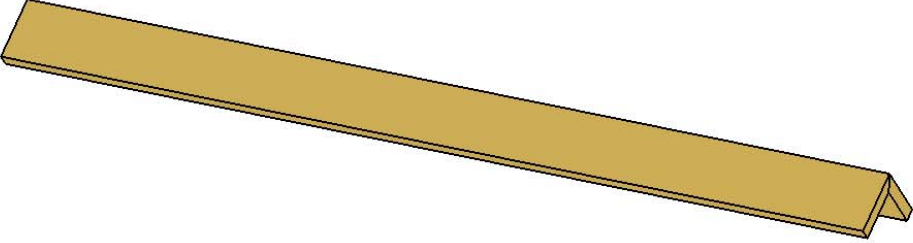
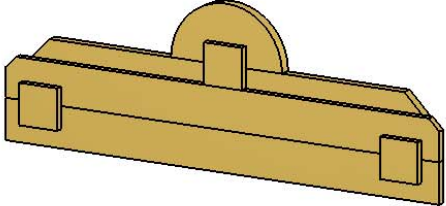
PICTURE	DESCRIPTION	QTY.
	2 X 4 X 30 3/4" CL-CENTER DECK SUPPORT	<b>2</b>
	2 X 4 X 34" PICNIC TABLE SUPPORT	<b>4</b>
	2 X 4 X 70" SAFETY BOARD	<b>1</b>
	2 X 4 X 70" TOP PANEL BOARD	<b>2</b>
	2 X 4 X 70" CL STEP FILLER BOARD	<b>1</b>
	2 X 4 X 94" CENTER DECK SUPPORTS	<b>2</b>
	2 X 6 X 24" BOTTOM PANEL BOARD	<b>2</b>

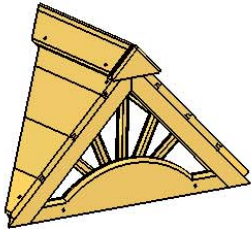
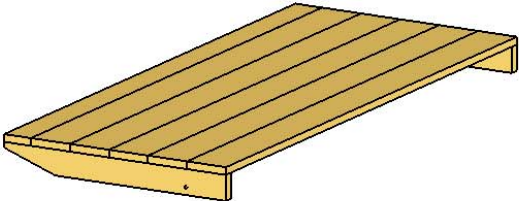

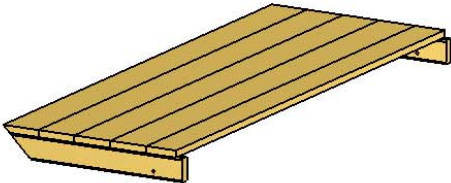
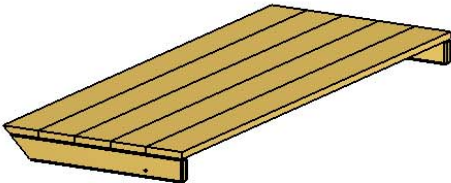

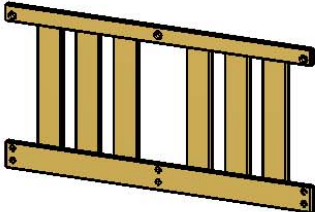
PICTURE	DESCRIPTION	QTY.
	2 X 6 X 62 3/4" PICNIC TABLE SEAT	2
	2 X 6 X 70" FILLER BOARD	1
	2 X 6 X 70" BACK STARTER BOARD	2
	2 X 6 X 70" SANDBOX/FILLER BOARD	4
	2 X 6 X 94" SANDBOX BOARD (1 LEFT 1 RIGHT)	2
	4 X 4 X 25" BLOCK	10
	4 X 4 X 30 3/4" CL-DECK SUPPORT	2

PICTURE	DESCRIPTION	QTY.
	4 X 4 X 43" CL-CENTER POST	1
	4 X 4 X 43" CENTER POST	1
	4 X 4 X 53" CL-CENTER LAG POST	1
	4 X 4 X 58" CL-CENTER POST	1
	4 X 4 X 70" BLOCK SUPPORTS	3
	4 X 4 X 70" FORT BLOCK SUPPORTS	2
	4 X 4 X 71" CL-LAG POST	2


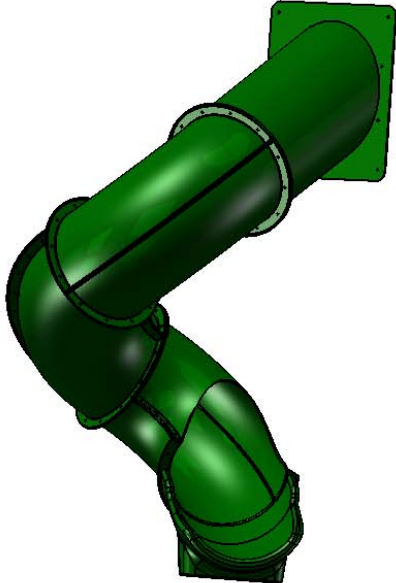

PICTURE	DESCRIPTION	QTY.
	4 X 4 X 75" ROPE LADDER RUNNER	1
	4 X 4 X 90 1/2" TIRE SWING SUPPORT	1
	4 X 4 X 94" DECK SUPPORTS	2
	4 X 4 X 113 1/2" PORCH POST	2
	4 X 4 X 123 1/2" CORNER POST	4
	4 X 4 X 131" CL-CORNER POST	2
	4 X 6 X 63" CL-BOTTOM SPACER	1

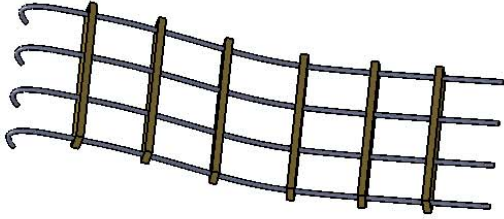









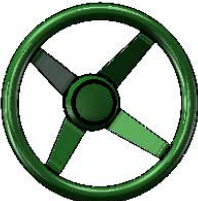
PICTURE	DESCRIPTION	QTY.
	4 X 6 X 112" ROPE LADDER SUPPORT	<b>1</b>
	PRE ASSEMBLED 11 1/4 X 69 1/2" 2-BOARD DECK	<b>1</b>
	PRE ASSEMBLED 16 7/8 X 69 1/2" 3-BOARD DECK & PICNIC TABLE TOP	<b>4</b>
	PRE ASSEMBLED 20 1/4 X 69 1/2" 3-1/2 BOARD DECK	<b>1</b>
	PRE ASSEMBLED 23 X 69-1/2" 4 BOARD CL DECK	<b>1</b>
	1 X 5 X 73" ROOF PEAK	<b>2</b>
	PRE ASSEMBLED SUNBURST PIECE	<b>2</b>

PICTURE	DESCRIPTION	QTY.
	UNASSEMBLED DORMER	1
	PORCH ROOF	1
	FORT ROOF PANEL	2
	CL-PORCH ROOF PANELWITH THE FASCIA HOLE AT 4 1/2"	1
	CL-PORCH ROOF PANEL WITH THE FASCIA HOLE AT 5 3/4"	1
	22 X 54" DOOR	1
	70" X 30 3/4" POST PANEL	1

PICTURE	DESCRIPTION	QTY.
	LADDER	1
	SIDE WALL PANEL	2
	FULL DOOR WALL PANEL	1
	CL STEP	2

PICTURE	DESCRIPTION	QTY.
	SCOOP SLIDE	1
	SUPER TUBE SLIDE	1
	TIRE SWING WITH CHAINS	1

PICTURE	DESCRIPTION	QTY.
	ROPE LADDER	<b>1</b>
	FLAG KIT (PAIR)	<b>1</b>
	TIRE SWING SWIVEL	<b>1</b>
	SPRING CLIPS	<b>3</b>
	PLASTIC SAFETY HANDLES (PAIR)	<b>2</b>
	DINNER BELL	<b>1</b>

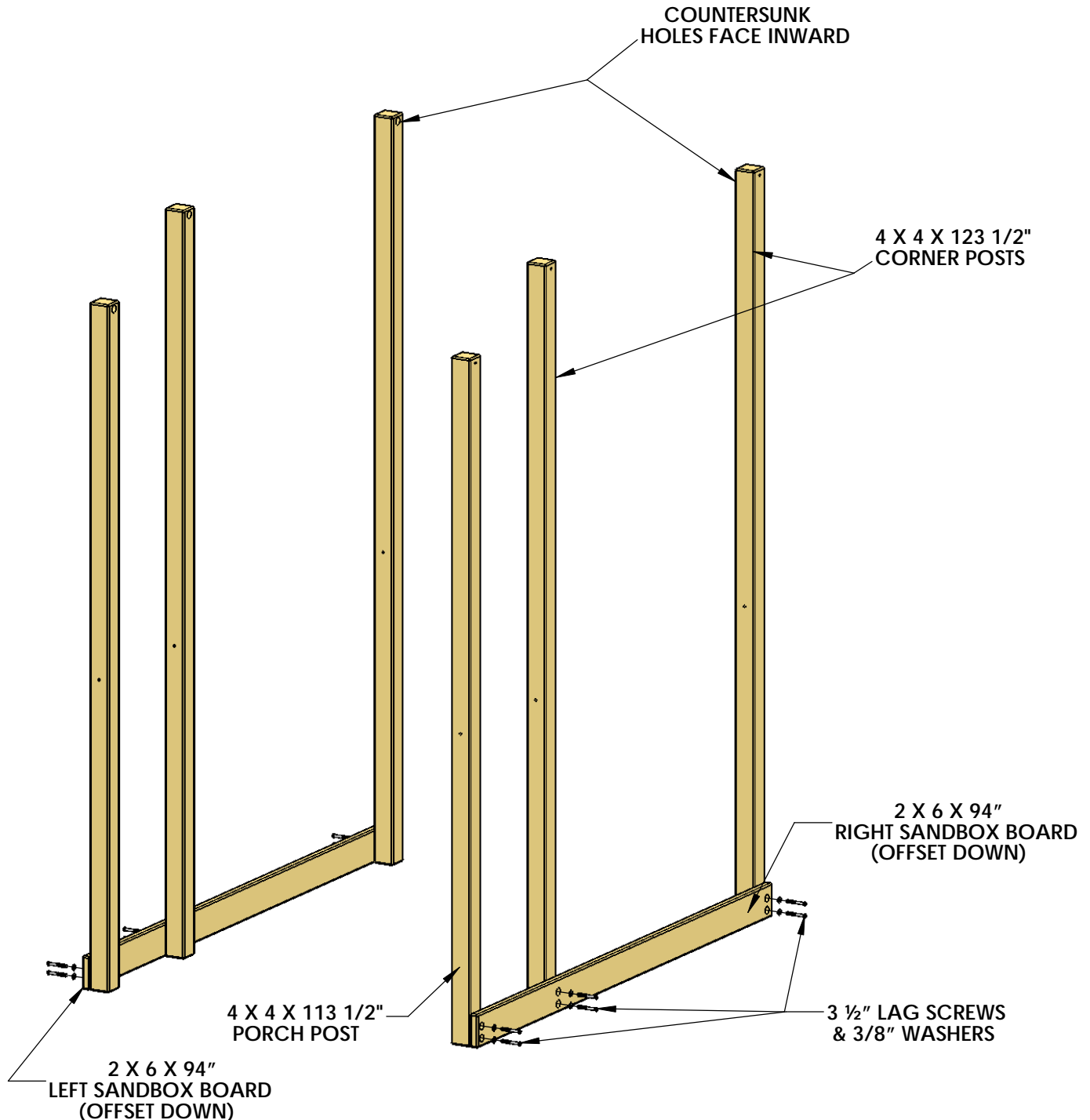
PICTURE	DESCRIPTION	QTY.
	METAL SAFETY HANDLE	2
	28-0001 BRACKET	1
	STEERING WHEEL	1
	TELESCOPE	1
	PLAYNATION NAME PLATE	1
		31

## STEP 1: SANDBOX BOARDS

1: PLACE THE 2 X 6 X 94" RIGHT SANDBOX BOARD (HOLES OFFSET DOWN) FLUSH WITH THE BOTTOM OF TWO 4 X 4 X 123 1/2" CORNER POSTS AND ONE 4 X 4 X 113 1/2" PORCH POST. ALL COUNTERSUNK HOLES FACE INWARD. CENTER ALL POSTS WITH THE HOLES ON THE SANDBOX BOARD. USE A CARPENTERS SQUARE TO SQUARE THE CORNER POSTS TO THE SANDBOX BOARD. FASTEN THE SANDBOX BOARD TO POST WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS.

2: REPEAT THIS STEP USING THE 2 X 6 X 94" LEFT SANDBOX BOARD (HOLES OFFSET DOWN).

NOTE: MAKE SURE THE COUNTERSUNK HOLES IN THE CORNER POSTS ARE TO THE INSIDE. LAY PARTS FLAT ON GROUND FOR EASIER ASSEMBLY.

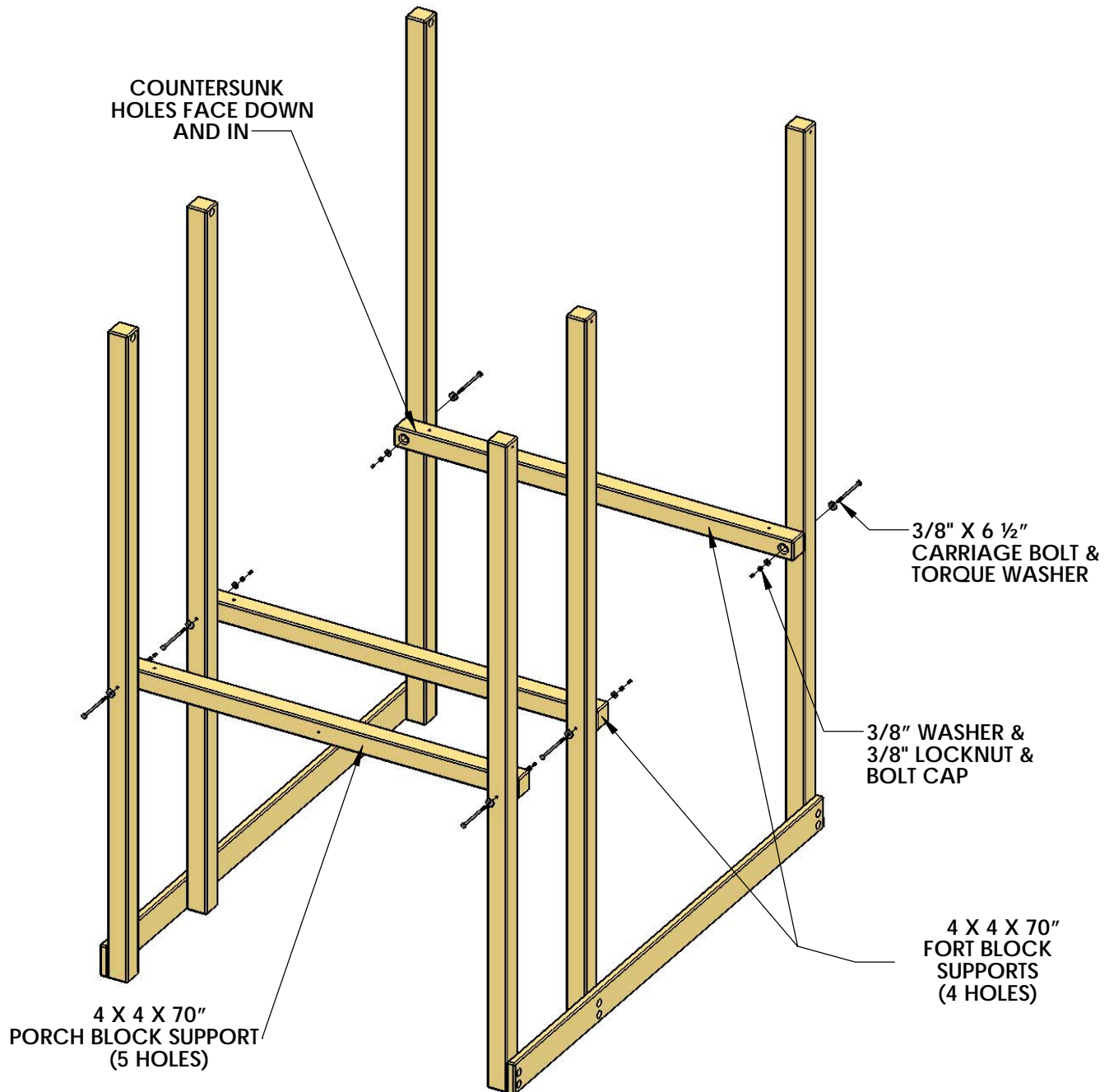




## STEP 2: FORT/PORCH BLOCK SUPPORTS

1: PLACE TWO 4 X 4 X 70" FORT BLOCK SUPPORTS WITH 4 HOLES (THE 2 INSIDE COUNTERSUNK HOLES FACE DOWN AND THE 2 OUTSIDE COUNTERSUNK HOLES FACE IN) TO THE CORNER POSTS AT THE 51.5" HOLES. FASTEN THE BLOCK SUPPORTS FROM THE OUTSIDE WITH 3/8" X 6 1/2" CARRIAGE BOLTS AND TORQUE WASHERS THEN 3/8" WASHERS AND 3/8" LOCKNUTS FROM THE INSIDE. USE BOLT CAPS TO COVER ALL EXPOSED THREADS.

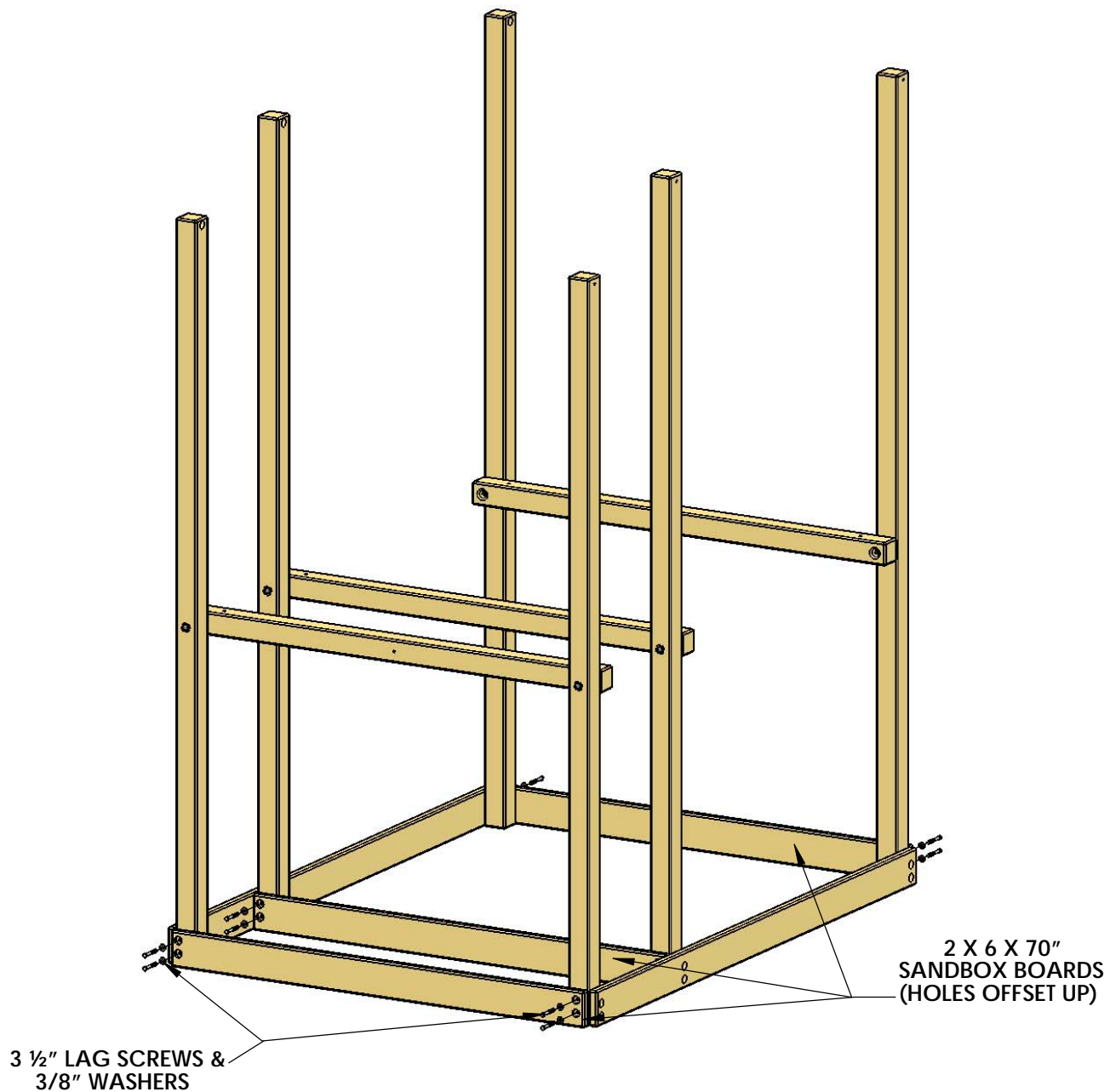
2. PLACE THE 4 X 4 X 70" PORCH BLOCK SUPPORT WITH 5 HOLES FLUSH TO THE PORCH POST FOLLOWING THE INSTRUCTIONS ABOVE.



## STEP 3: SANDBOX BOARDS

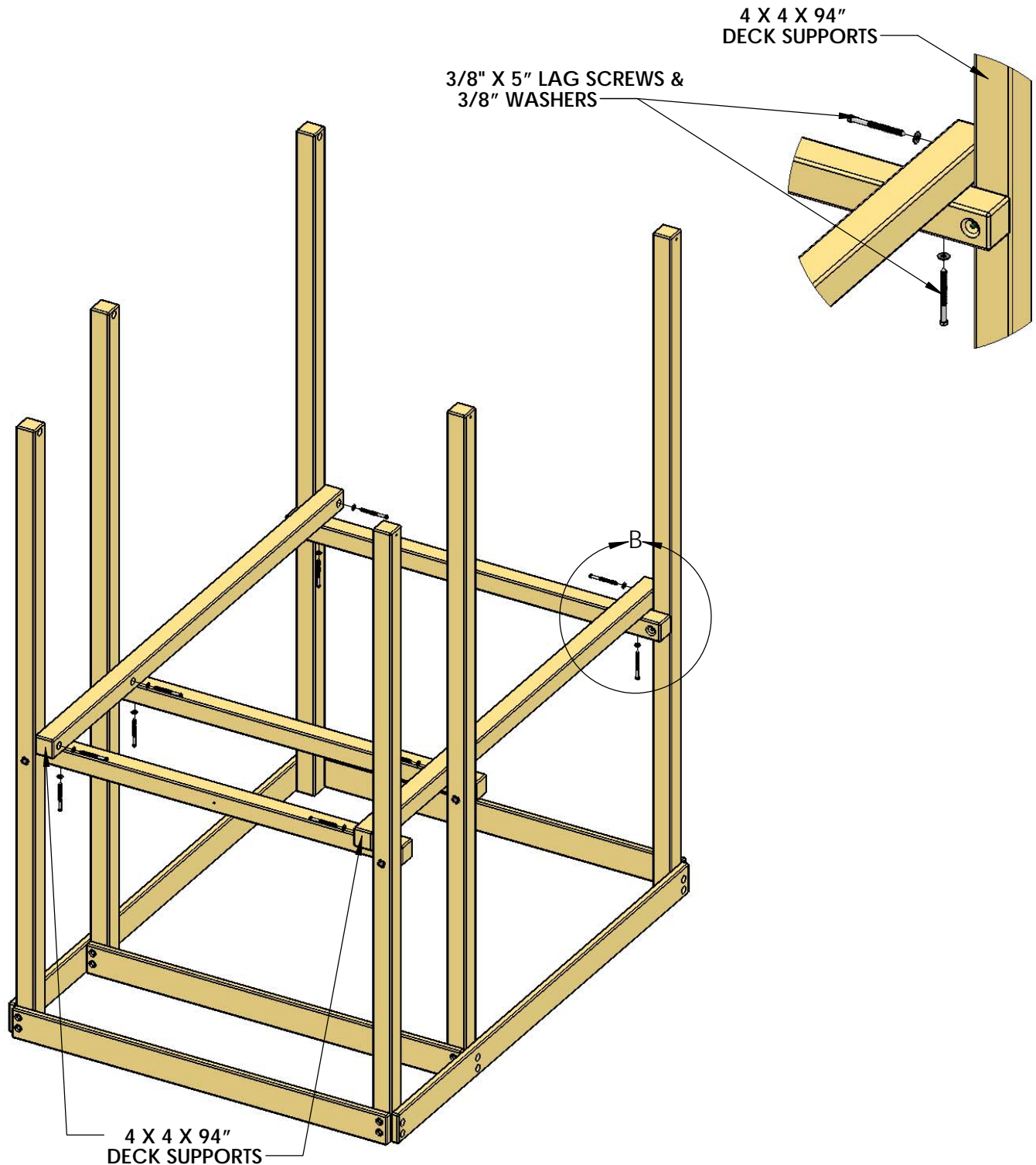
1: PLACE THREE 2 X 6 X 70" SANDBOX BOARDS (HOLES OFFSET UP) FLUSH WITH THE BOTTOM OF THE CORNER POSTS AND PORCH POSTS, AS SHOWN BELOW.

2: FASTEN THE SANDBOX BOARDS TO THE CORNER POSTS WITH 3/8" X 3 1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 4: DECK SUPPORTS

- 1: PLACE THE 4 X 4 X 94" DECK SUPPORTS ON TOP OF THE BLOCK SUPPORTS. FASTEN THE DECK SUPPORTS TO THE CORNER POSTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.
- 2: FASTEN THE DECK SUPPORTS TO THE BLOCK SUPPORTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS FROM UNDERNEATH.



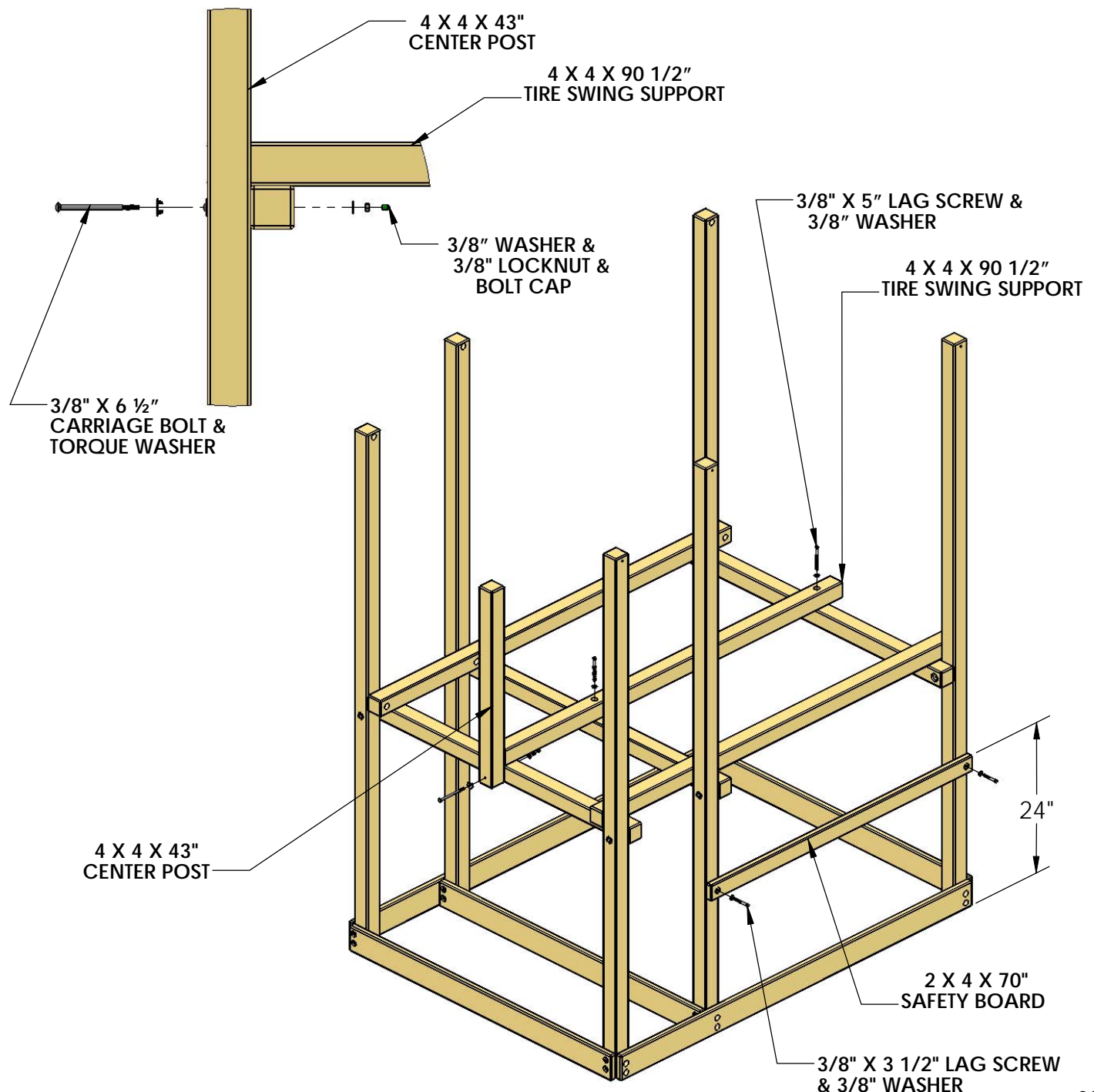
## STEP 5: CENTER POST, TIRE SWING SUPPORT & SAFETY BOARD

1: PLACE THE 4 X 4 X 43" CENTER POST AT THE CENTER HOLE ON THE PORCH BLOCK SUPPORT. FASTEN FROM THE OUTSIDE WITH A 3/8" X 6 1/2" CARRIAGE BOLT AND TORQUE WASHER THEN A 3/8" WASHER WITH 3/8" LOCKNUT ON THE INSIDE. USE A BOLT CAP TO COVER ALL EXPOSED THREADS.

2: PLACE THE 4 X 4 X 90 1/2" TIRE SWING SUPPORT FLUSH ON TOP OF THE BLOCK SUPPORTS, IN LINE WITH THE CENTER POST. FASTEN WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.

3: FLUSH THE 2 X 4 X 70" SAFETY BOARD TO THE TWO CORNER POST ON THE RIGHT SIDE. PLACE A DISTANCE OF 24" FROM THE BOTTOM OF THE SANDBOX BOARD TO THE TOP OF THE SAFETY BOARD. FASTEN WITH 3/8" X 3 1/2" LAG SCREWS AND 3/8" WASHERS.

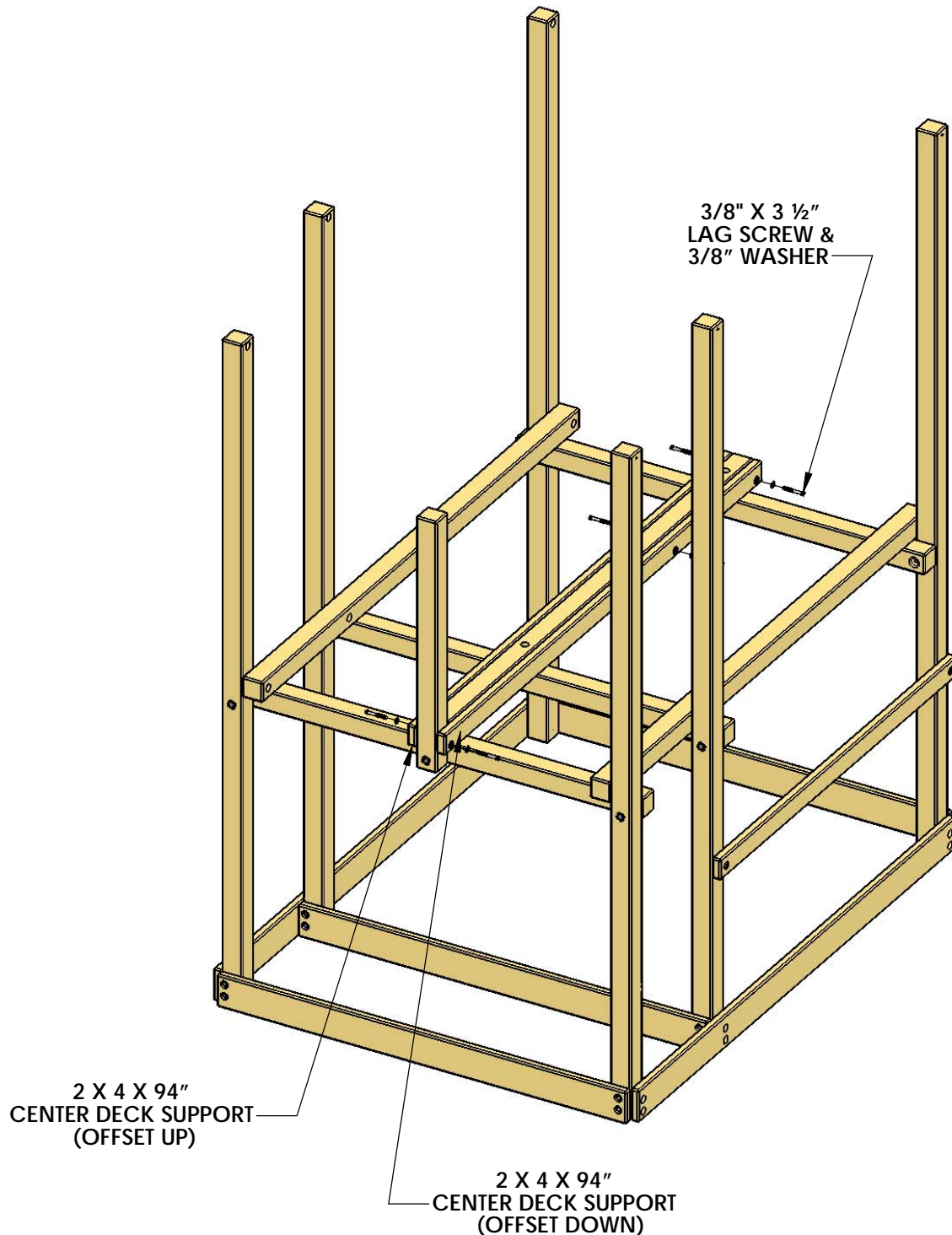
**SIDE VIEW**



## STEP 6: CENTER DECK SUPPORTS

1: PLACE THE 2 X 4 X 94" CENTER DECK SUPPORTS FLUSH AGAINST THE CENTER POSTS, ON TOP OF THE FORT BLOCK SUPPORTS. MAKE SURE THE COUNTERSUNK HOLES ON ONE CENTER DECK SUPPORT ARE OFFSET UP ON ONE SIDE AND ARE OFFSET DOWN ON THE OTHER SIDE.

2: FASTEN THE CENTER DECK SUPPORTS TO THE CENTER POST AND TIRE SWING BEAM WITH 3/8" X 3 1/2" LAG SCREWS WITH 3/8" WASHERS.

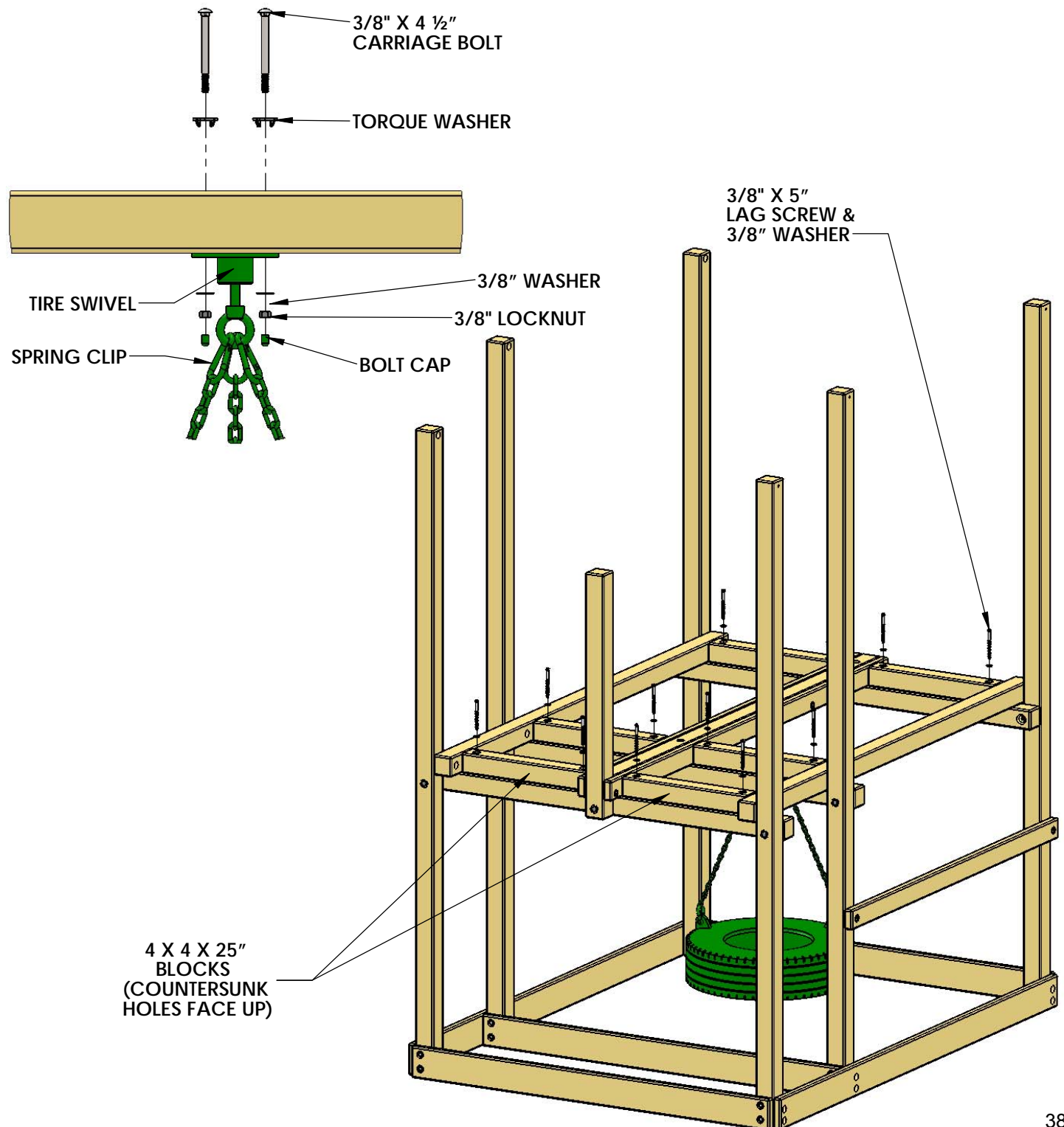




## STEP 7: TIRE SWIVEL AND BLOCKS

1: CENTER THE TIRE SWIVEL BETWEEN THE FORT BLOCK SUPPORTS ON THE TIRE SWING SUPPORT. MARK THE BOLT HOLES OF THE SWIVEL. DRILL TWO 3/8" PILOT HOLES THROUGH THE TIRE SWING SUPPORT. MOUNT THE SWIVEL WITH 3/8" x 4 1/2" CARRIAGE BOLT AND TORQUE WASHER FROM THE TOP AND 3/8" WASHER AND 3/8" LOCKNUT ON BOTTOM. USE BOLT CAPS TO COVER ALL EXPOSED THREADS. ATTACH THE TIRE SWING TO THE TIRE SWIVEL WITH SPRING CLIPS. ONE SPRING CLIP PER CHAIN WILL BE USED TO ATTACH THE CHAINS TO THE ROUND EYE ON THE TIRE SWIVEL.

2. PLACE THE 4 X 4 X 25" BLOCKS (COUNTERSUNK HOLES FACE UP) ON TOP OF THE FORT AND PORCH BLOCK SUPPORTS, BETWEEN THE CENTER DECK SUPPORTS AND DECK SUPPORTS. FASTEN THE BLOCKS TO THE BLOCK SUPPORTS WITH 3/8" x 5" LAG SCREWS AND 3/8" WASHERS.

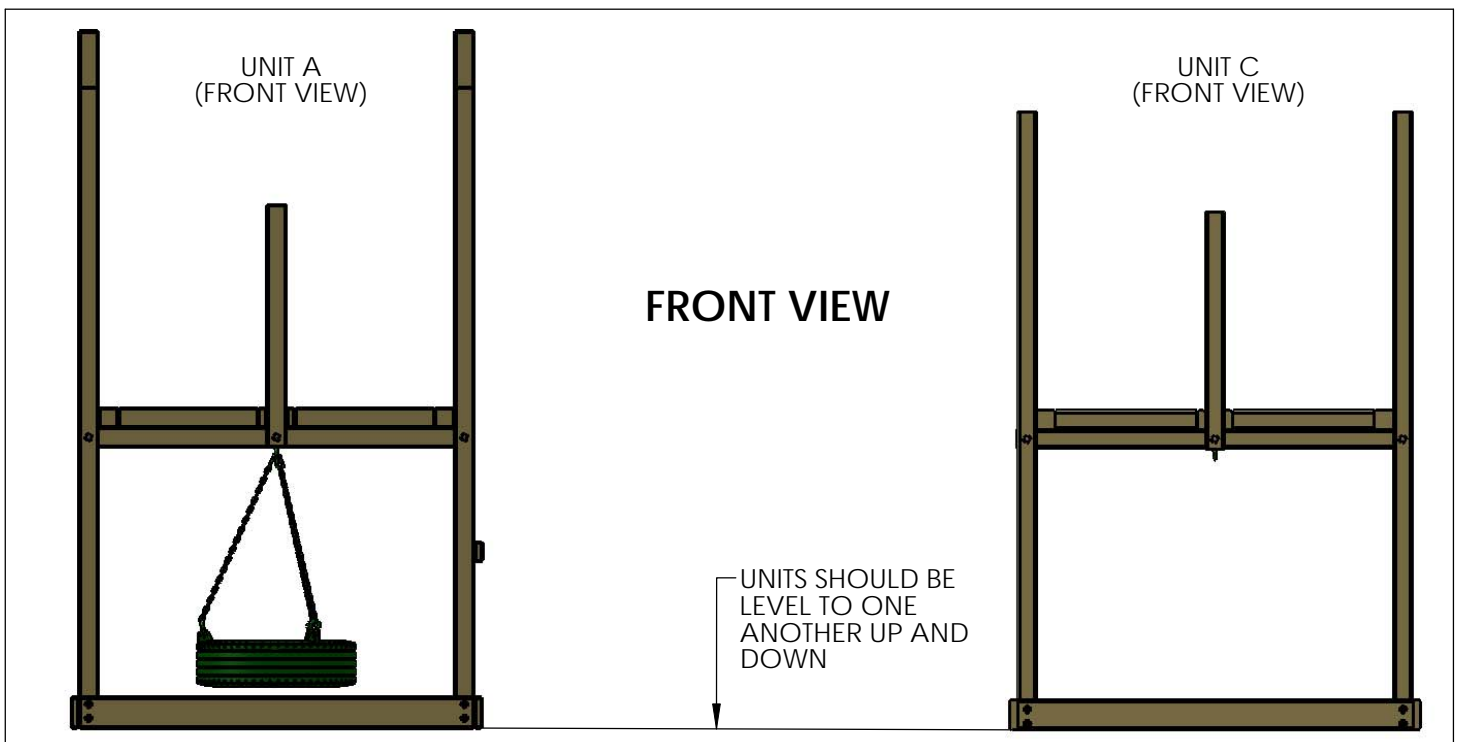
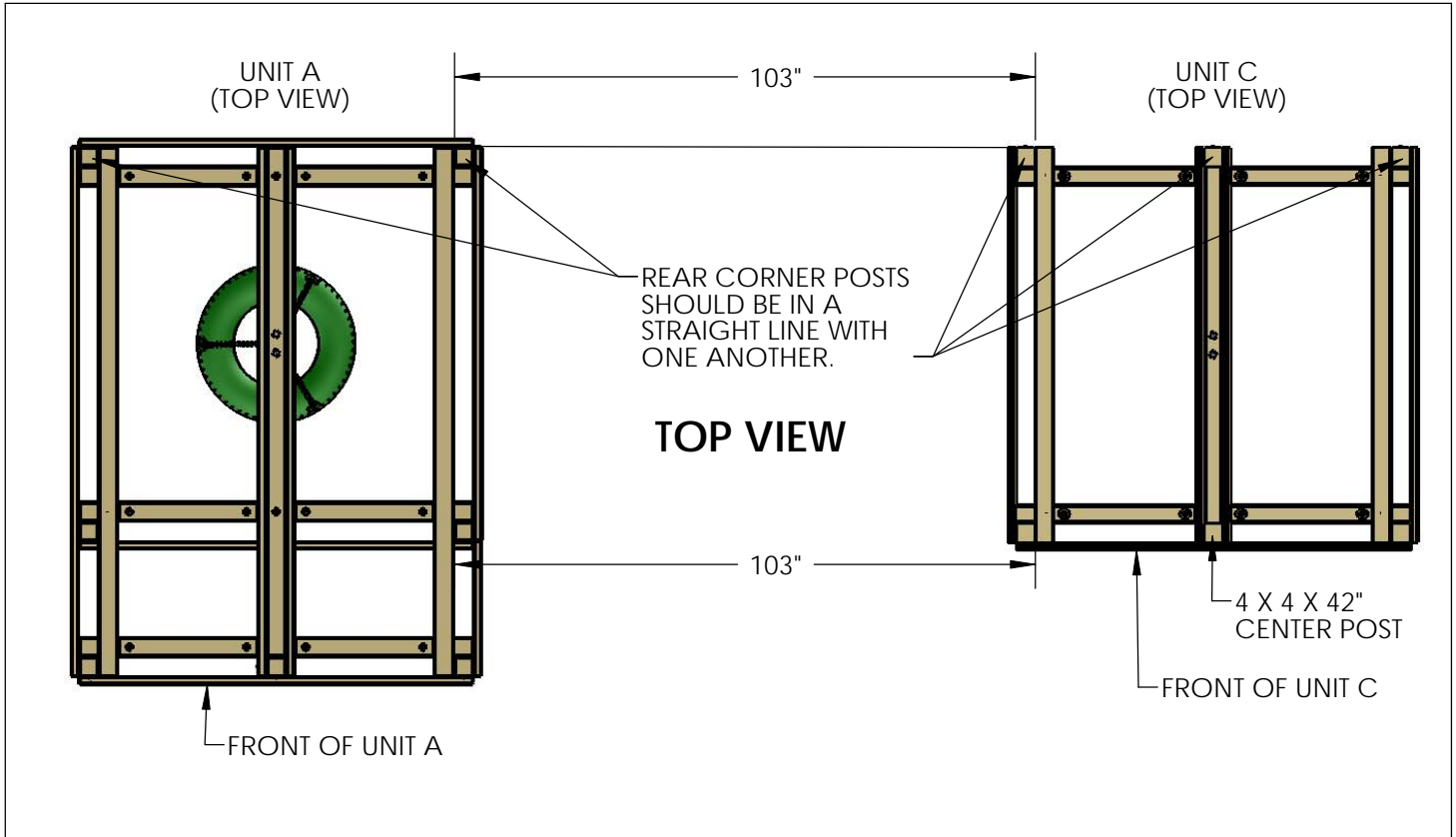


# PLAYSET SPACING FOR BRIDGE

1: AT THIS STAGE OF CONSTRUCTION YOU HAVE BUILT **UNIT A** THROUGH STEP 7. STUDY THIS PAGE AND THE NEXT PAGE. SKIP TO **UNIT C** ON PAGE 84 AND BUILD **UNIT C** UP THROUGH STEP 7.

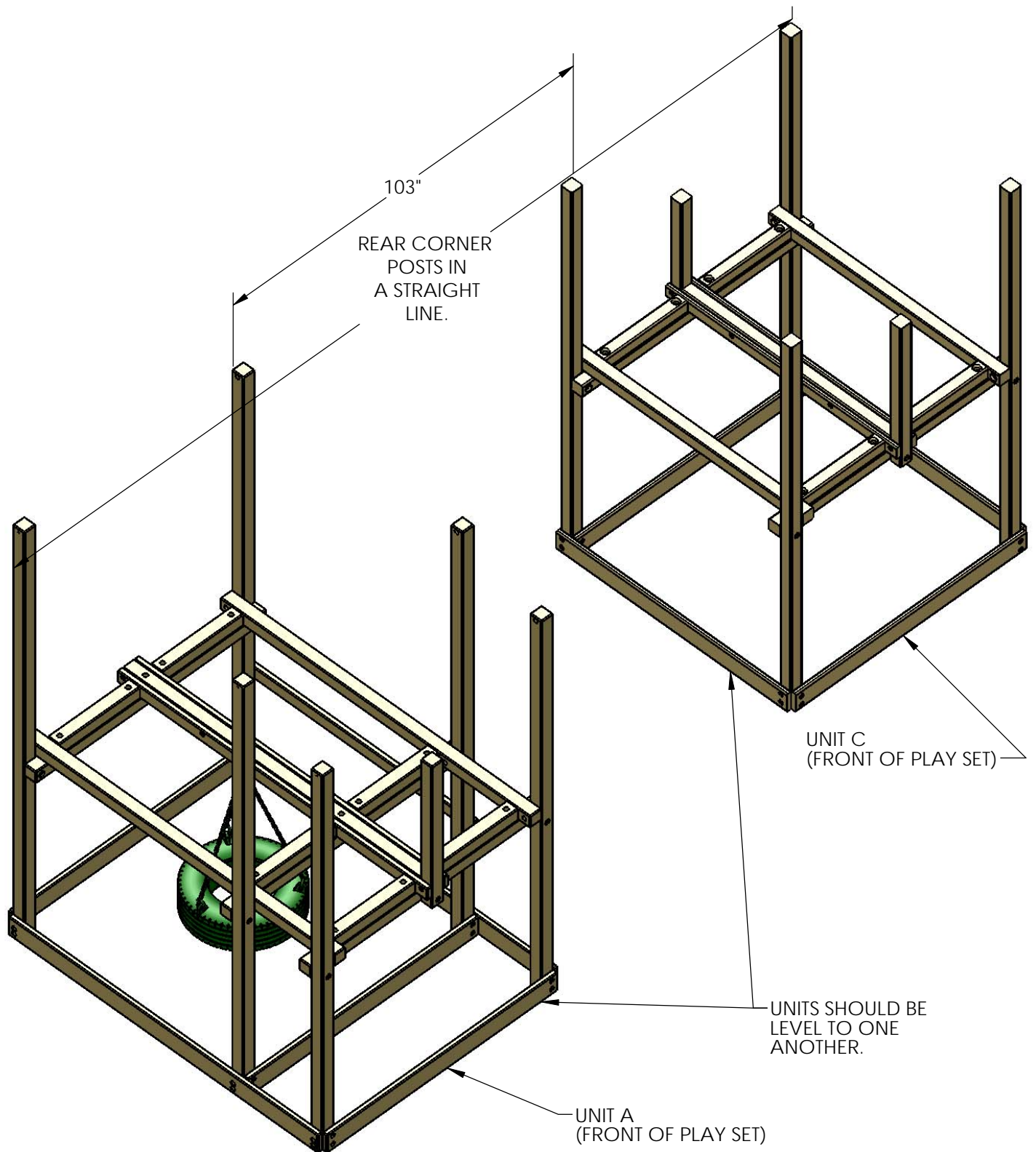
2: ALL THE REAR CORNER POSTS SHOULD BE IN A STRAIGHT LINE AS SHOWN IN THE **TOP VIEW** BELOW. AND THE UNITS SHOULD BE LEVEL TO ONE ANOTHER UP AND DOWN AS SHOWN IN THE **FRONT VIEW** BELOW.

3: THE REAR AND FRONT CORNER POSTS SHOULD BE 103" FROM INSIDE TO INSIDE AS SHOWN.



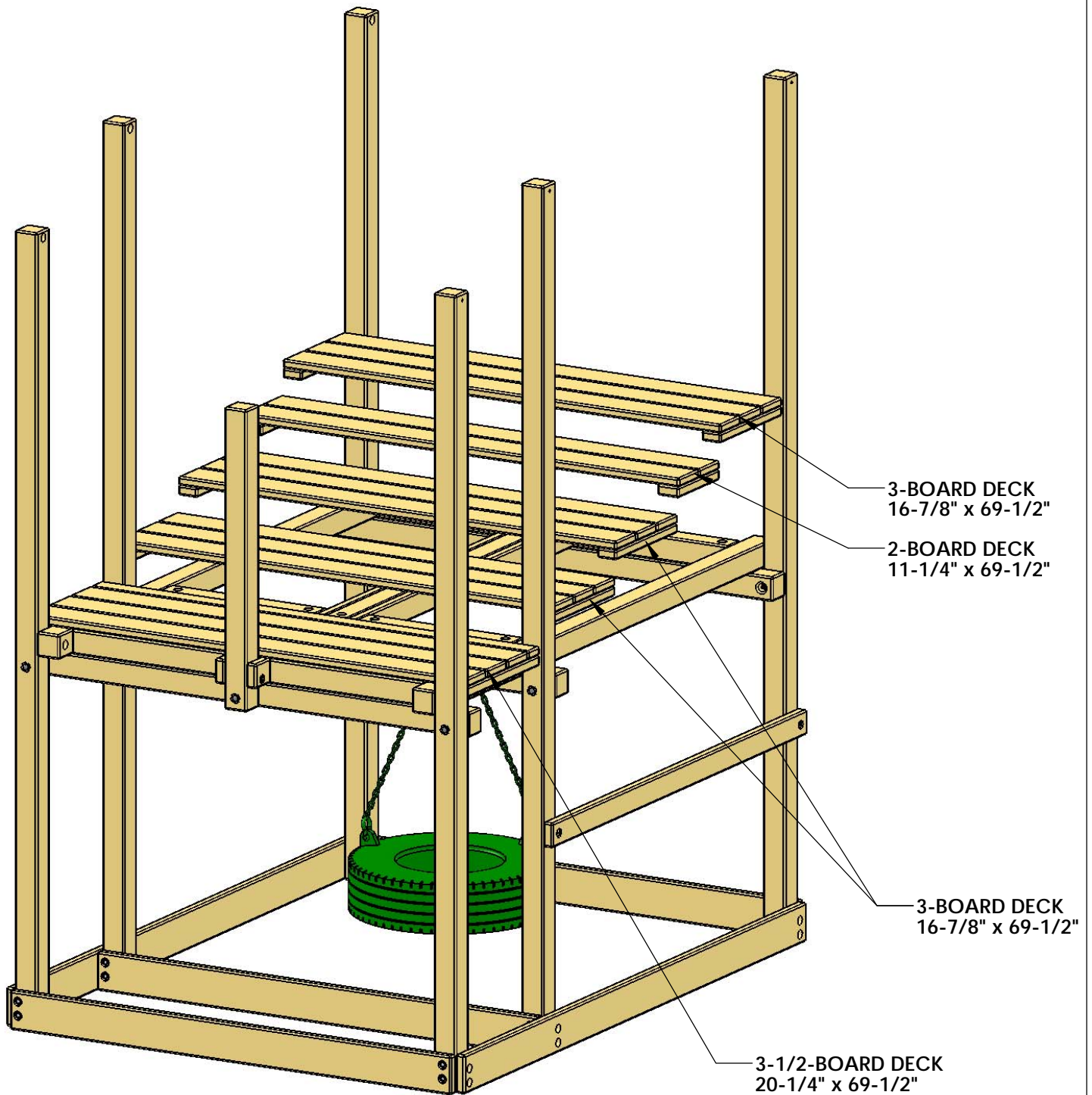


# PLAYSET SPACING FOR BRIDGE



## STEP 8: ASSEMBLY OF LOWER DECK

1: PLACE PRE-ASSEMBLED DECK BOARD SECTIONS ON TOP OF DECK SUPPORTS, AS SHOWN BELOW. BE SURE THEY ARE EVENLY SPACED. CONTINUE TO STEP 9 FOR COMPLETION OF DECK.

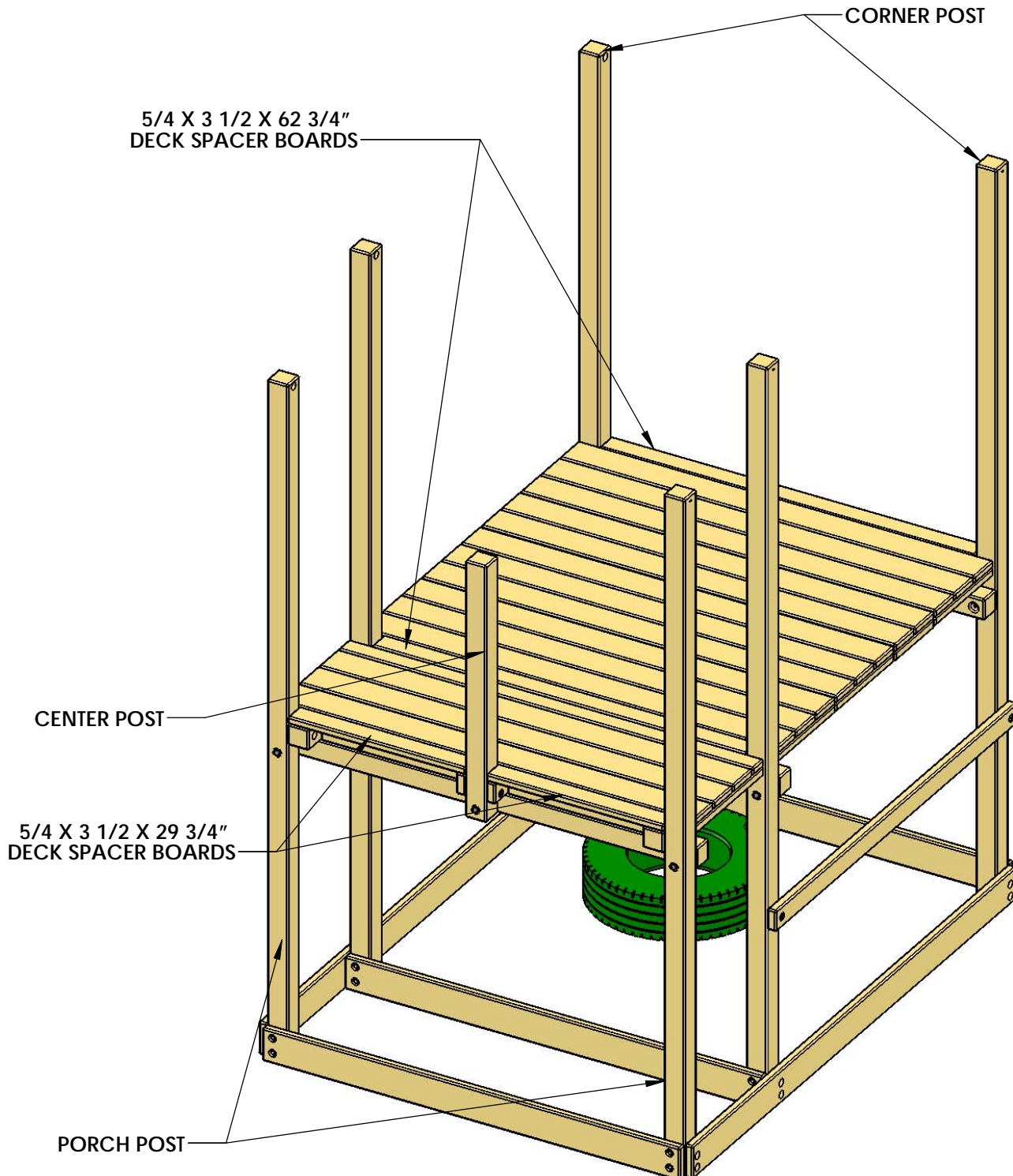


## STEP 9: COMPLETION OF LOWER DECK

1: PLACE THE TWO 5/4 X 3 1/2 X 62 3/4" DECK SPACER BOARDS ACROSS THE TOP OF THE DECK SUPPORTS BETWEEN THE CORNER POSTS, AS SHOWN BELOW.

2: PLACE THE (2) 5/4 X 3 1/2 X 29 3/4" DECK SPACER BOARDS ACROSS THE TOP OF THE DECK SUPPORTS AND CENTER DECK SUPPORTS BETWEEN THE PORCH POSTS AND CENTER POST, AS SHOWN BELOW.

3: MAKE SURE THE PRE-ASSEMBLED DECKS AND DECK SPACERS ARE EVENLY SPACED AND CENTERED. SECURE WITH TWO 2" WOOD SCREWS TO DECK SUPPORT ON EACH DECK BOARD.

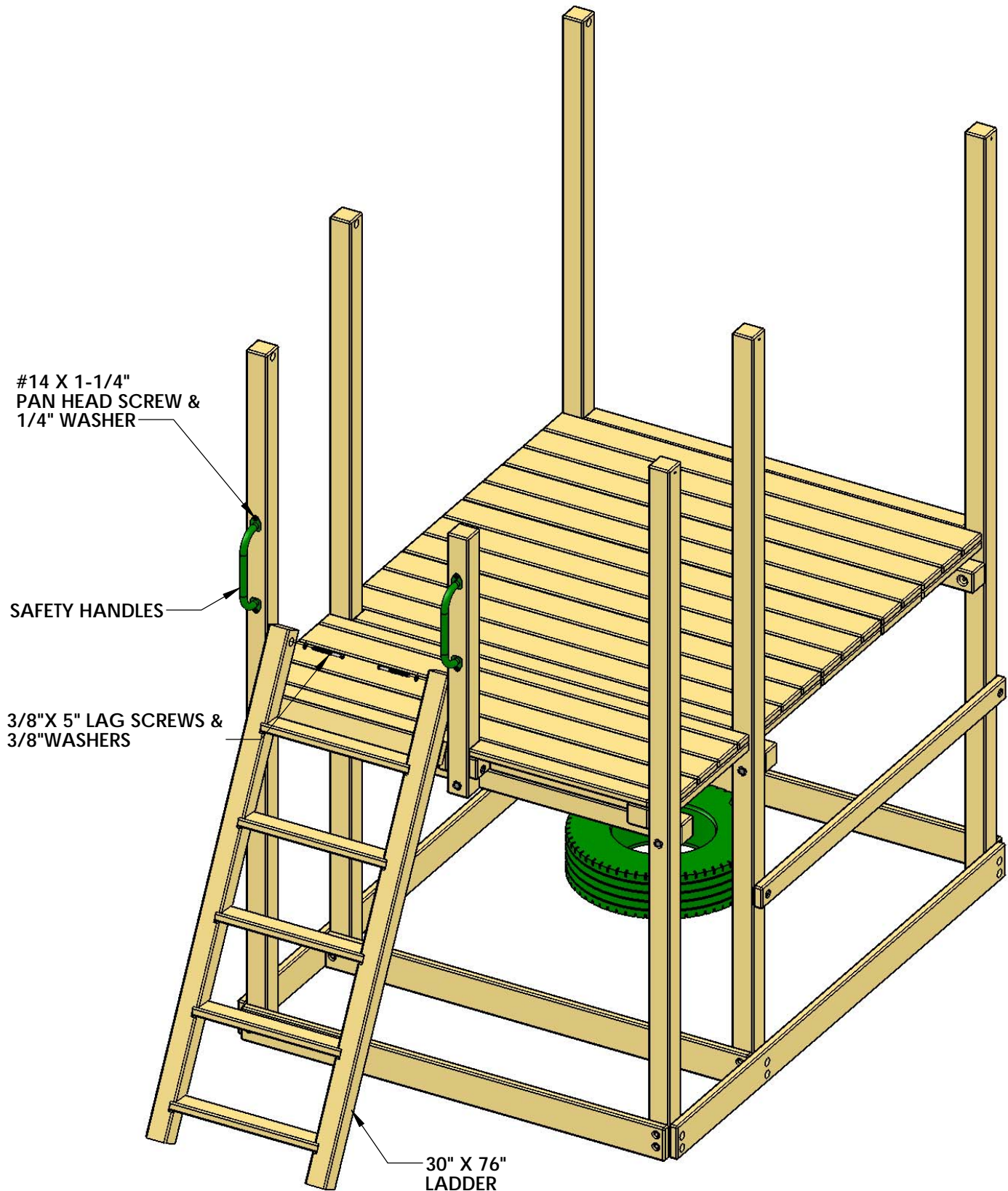




## STEP 10: LADDER & SAFETY HANDLES

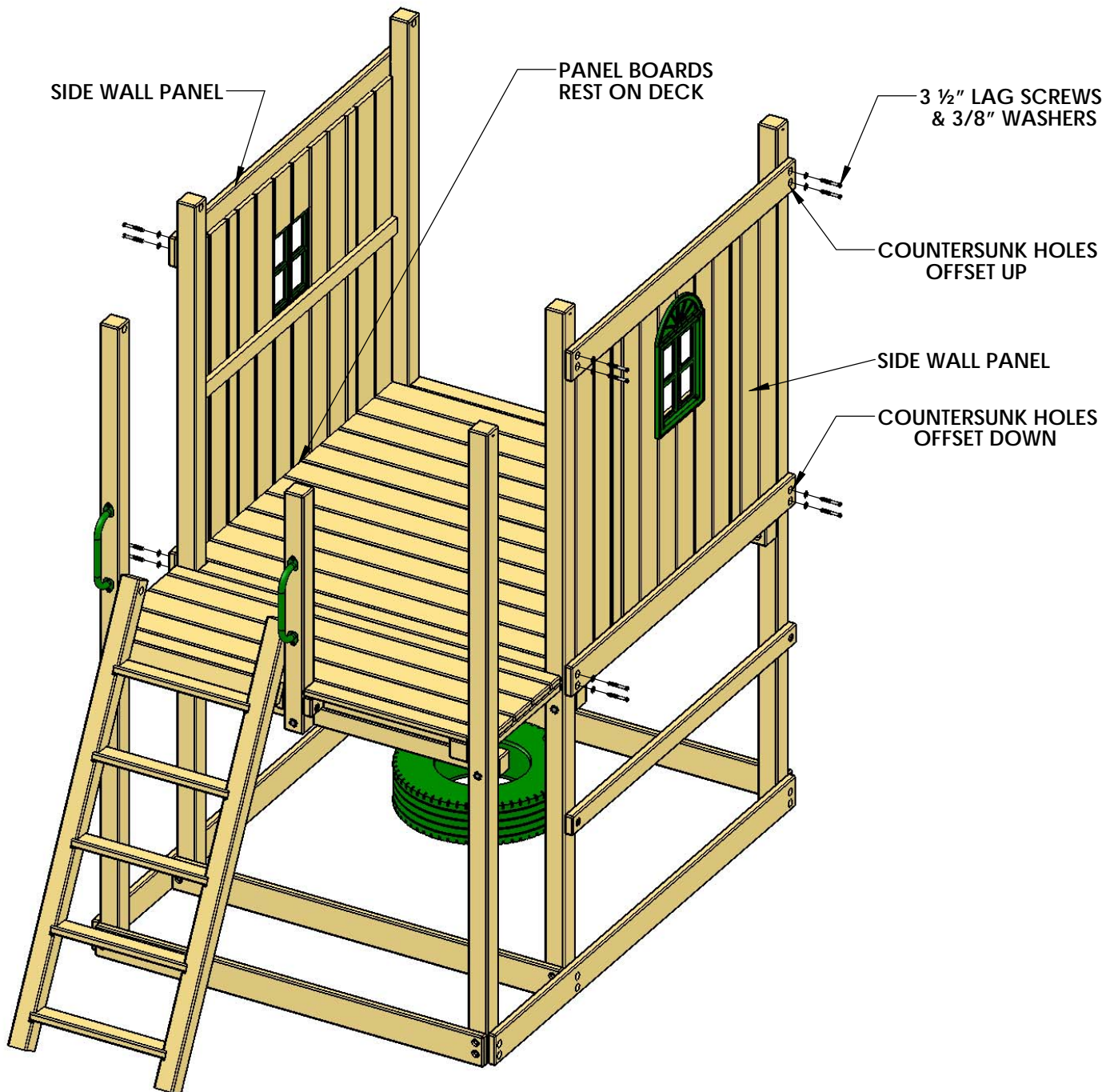
1: REST LADDER ON GROUND THEN ANGLE LADDER SO THAT THE COUNTER SUNK HOLES ARE CENTERED ON THE PORCH POST AND THE CENTER POST. ATTACH THE LADDER WITH TWO 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.

2: CENTER THE METAL SAFETY HANDLES ON THE PORCH POST AND THE CENTER POST. ADJUST THE HANDLES UP OR DOWN TO SUIT THE NEEDS OF YOUR CHILD. ATTACH THE HANDLES WITH TWO #14 X 1-1/4" PAN HEAD SCREWS AND TWO 1/4" WASHERS.



## STEP 11: SIDE WALL PANELS

1: PLACE PRE-ASSEMBLED SIDE WALL PANELS FLUSH WITH CORNER POSTS, ALLOWING PANEL BOARDS TO REST ON DECK. BE SURE THAT COUNTERSUNK HOLES OFFSET UP ON TOP BOARD AND OFFSET DOWN ON BOTTOM BOARD OF WALL ASSEMBLY. FASTEN WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 12: ROOF PANELS

1: PLACE ONE ROOF PANEL (WITH MISSING BOARDS) WITH 45° END FACING TOWARD INSIDE OF FORT, LET REST ON CORNER POST AND WALL PANEL. FASTEN THE ROOF SUPPORT TO THE CORNER POST FROM THE OUTSIDE WITH 3/8 X 4 1/2" CARRIAGE BOLTS AND TORQUE WASHERS AND 3/8" WASHERS WITH 3/8" LOCKNUTS ON THE INSIDE. USE BOLT CAPS TO COVER ALL EXPOSED THREADS. DO NOT TIGHTEN BOLTS COMPLETELY AT THIS TIME.

2: REPEAT STEP WITH SECOND ROOF PANEL THAT IS NOT MISSING ROOF BOARDS. CONTINUE TO STEP 13 FOR COMPLETION OF ROOF.

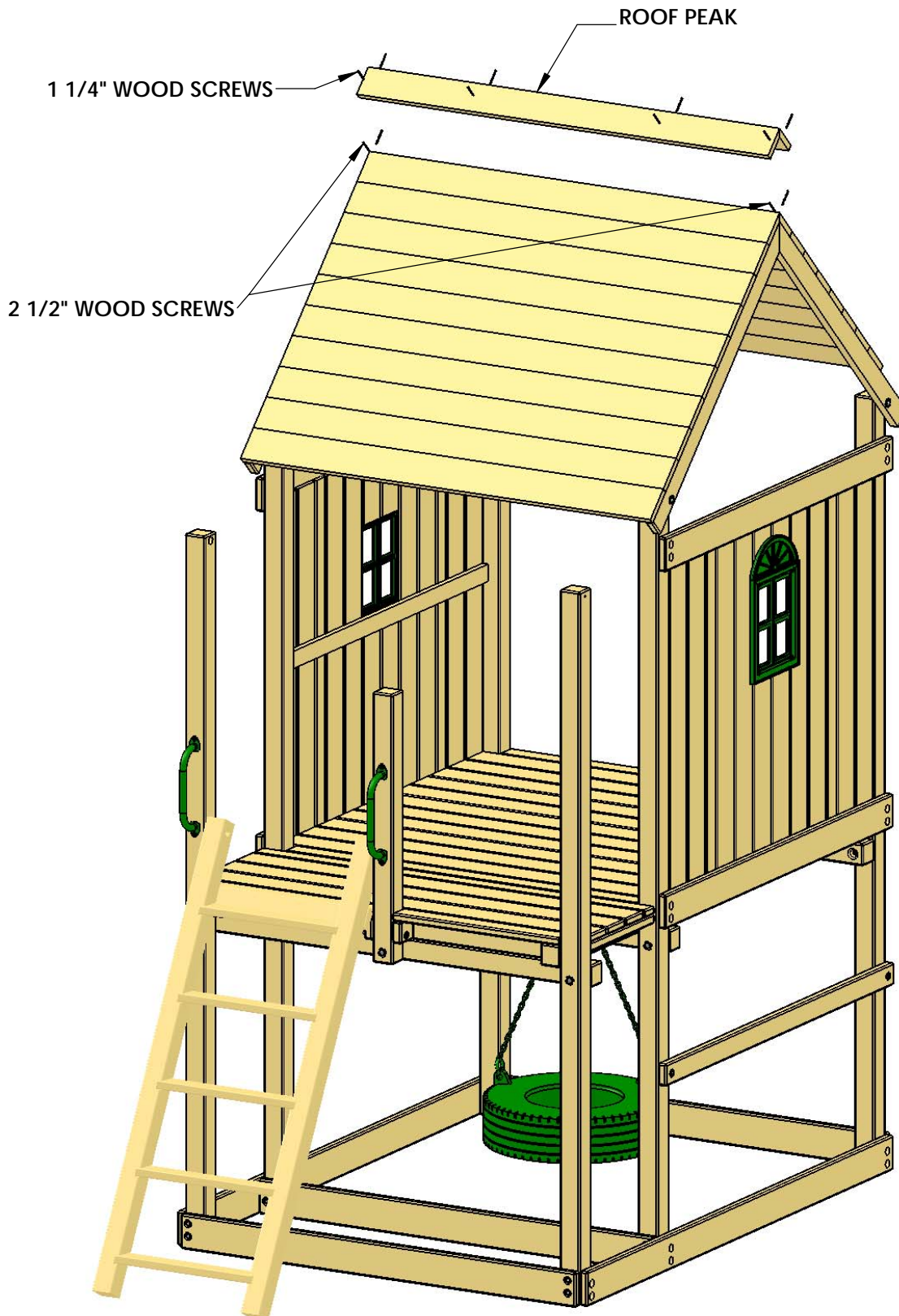




## STEP 13: COMPLETION OF ROOF

1: AFTER BOTH ROOF PANELS ARE FASTENED, RAISE ROOF PANELS AT CENTER OF FORT UNTIL THE 45° ANGLES COME TOGETHER TO MAKE A PEAK. FASTEN THE TWO ROOF SUPPORTS TOGETHER WITH 2 1/2" WOOD SCREWS, PERPENDICULAR AT THE MITER JOINTS, AS SHOWN BELOW. TIGHTEN BOLTS AT THE ROOF SUPPORT AND CORNER POST.

2: PLACE ROOF PEAK ON TOP OF ROOF, FLUSH WITH ROOF PANELS. FASTEN ROOF PEAK TO ROOF WITH 1 1/4" WOOD SCREWS, FOUR IN EACH SIDE, CENTERED AND EVENLY SPACED AS SHOWN BELOW.



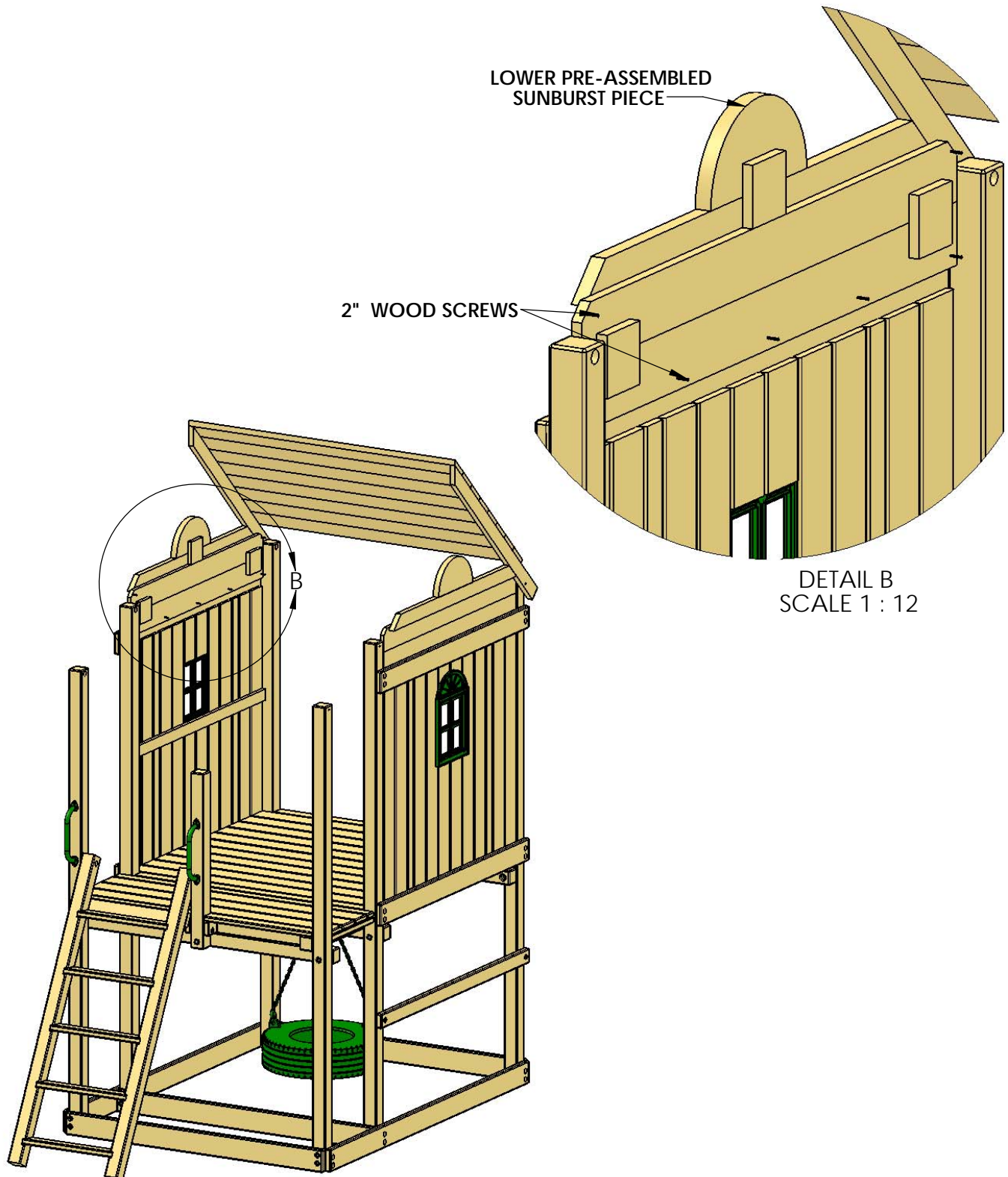


## STEP 14: LOWER SUNBURST

1: PLACE THE LOWER PRE-ASSEMBLED SUNBURST PIECE ABOVE THE WALL PANEL ON INSIDE AND FLUSH AGAINST THE ROOF FRAME. FASTEN WITH 2" WOOD SCREWS TO THE WALL PANEL AND ROOF FRAME, AS SHOWN BELOW.

2: REPEAT STEP TO COMPLETE OTHER SIDE.

NOTE: ROOF OMITTED FOR CLARITY.



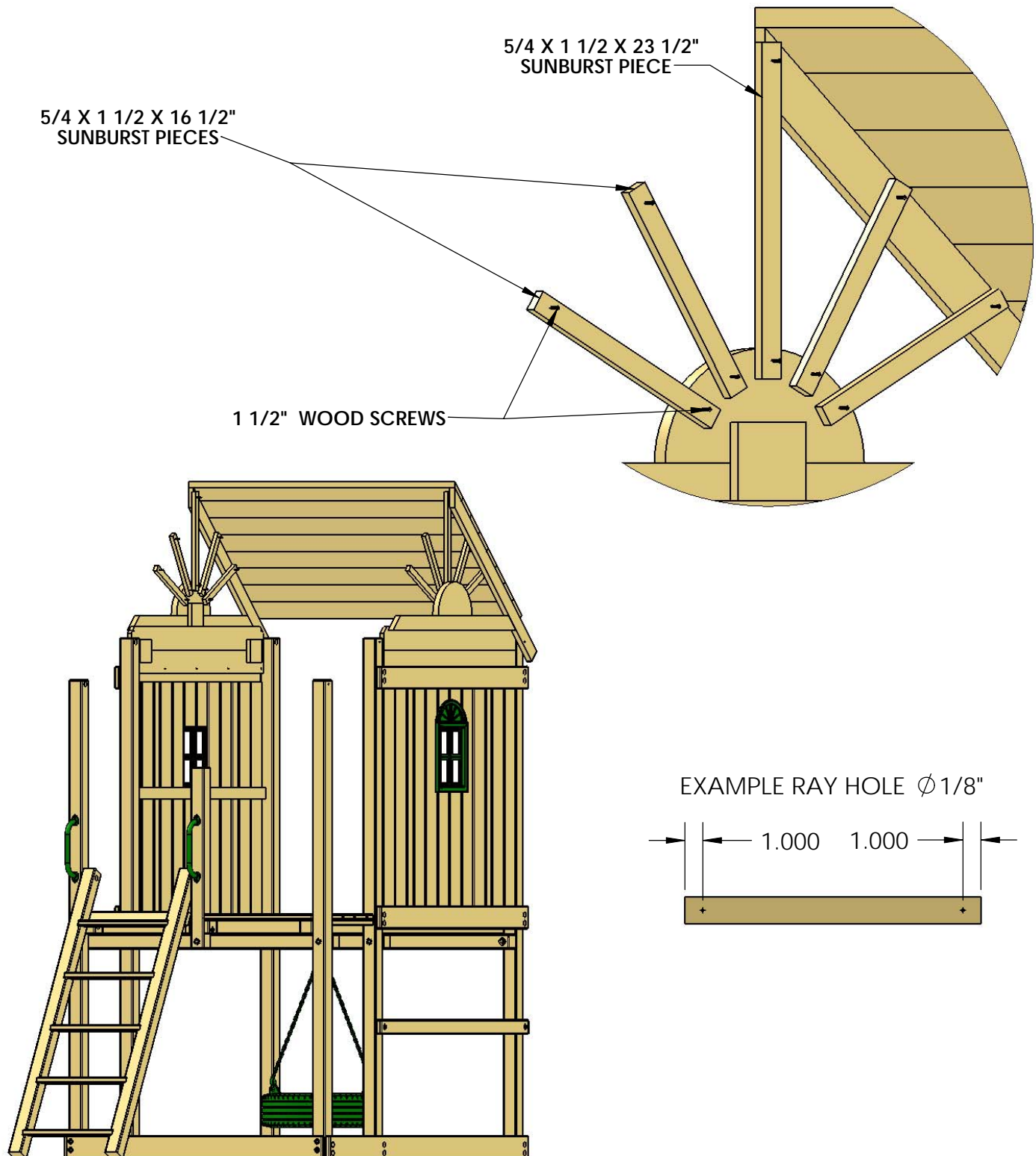
## STEP 15: UPPER SUNBURST

1: PREDRILL A 1/8" HOLE 1" FROM EACH END AND CENTERED ON EACH RAY USING THE PATTERN SHOWN BELOW.

2: PLACE THE 5/4 X 1 1/2 X 23 1/2" SUNBURST PIECE (RAY) FLUSH AGAINST THE PEAK OF THE ROOF FRAME AND CENTERED ON THE HALF CIRCLE . FASTEN WITH 1 1/2" WOOD SCREWS TO THE ROOF FRAME AND HALF CIRCLE, AS SHOWN BELOW. PLACE THE 5/4 X 1 1/2 X 16 1/2" SUNBURST PIECES (RAYS) FLUSH AGAINST THE ROOF FRAME, SPACED EQUALLY AND ANGLED TO THE HALF CIRCLE . FASTEN WITH 1 1/2" WOOD SCREWS TO THE ROOF FRAME AND HALF CIRCLE, AS SHOWN BELOW.

3: REPEAT STEP TO COMPLETE OTHER SIDE.

NOTE: ROOF OMITTED FOR CLARITY.

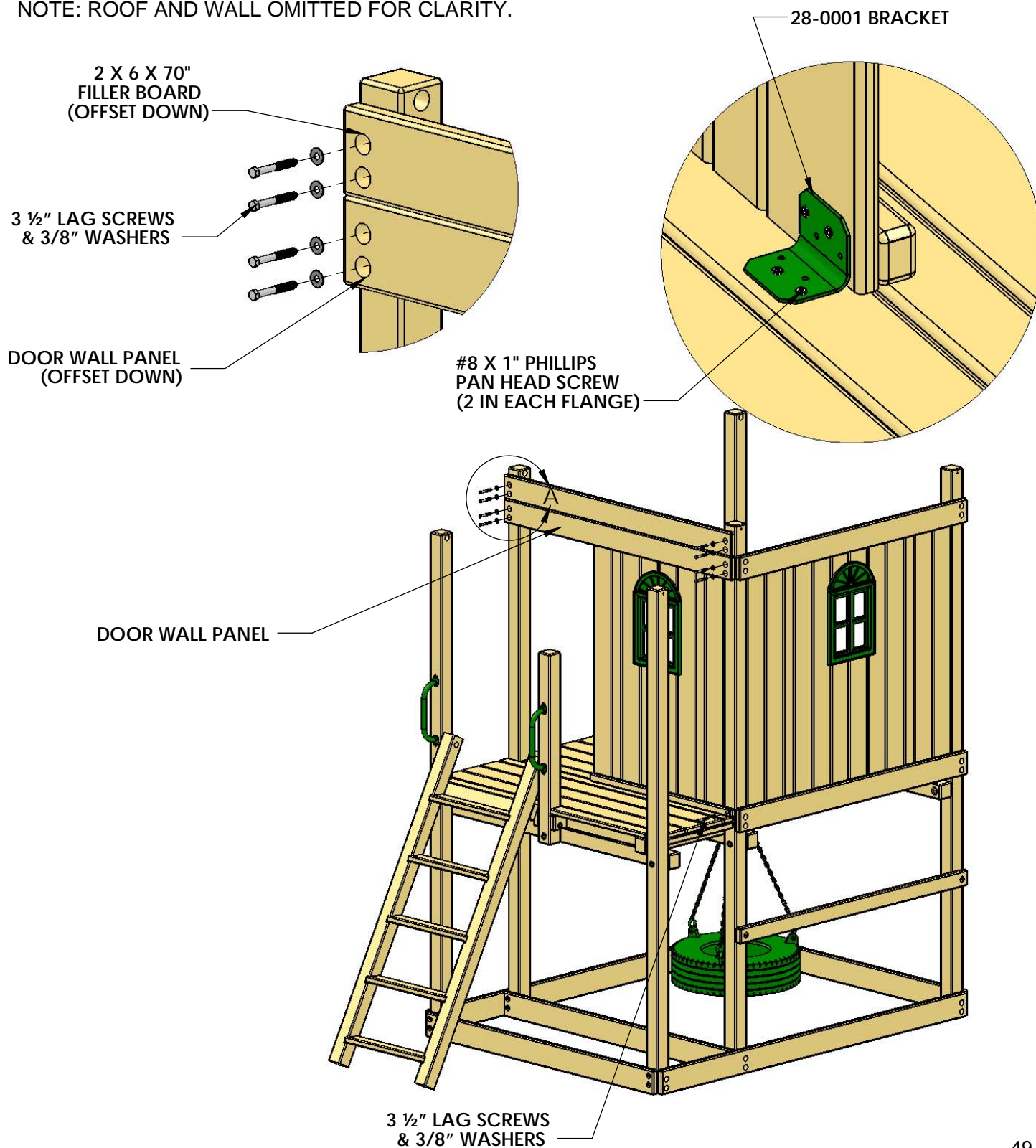


## STEP 16: FULL DOOR WALL PANEL

1: PLACE FULL DOOR WALL PANEL FLUSH ON CORNER POSTS, ALLOWING PANELS BOARDS TO REST ON DECK. BE SURE THAT COUNTERSUNK HOLES ARE OFFSET DOWN ON TOP BOARD OF WALL PANEL ASSEMBLY. FASTEN WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS. FASTEN THE BOTTOM CORNER OF THE DOOR PANEL TO THE FLOOR ON THE INSIDE OF THE PLAY HOUSE WITH A 28-0001 BRACKET AND #8 X 1" PHILLIPS PAN HEAD SCREWS AS SHOWN IN THE TOP RIGHT PICTURE BELOW.

2: PLACE THE 2 X 6 X 70" FILLER BOARD (COUNTERSUNK HOLES OFFSET DOWN) FLUSH WITH CORNER POST AND WALL ASSEMBLY. FASTEN WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS.

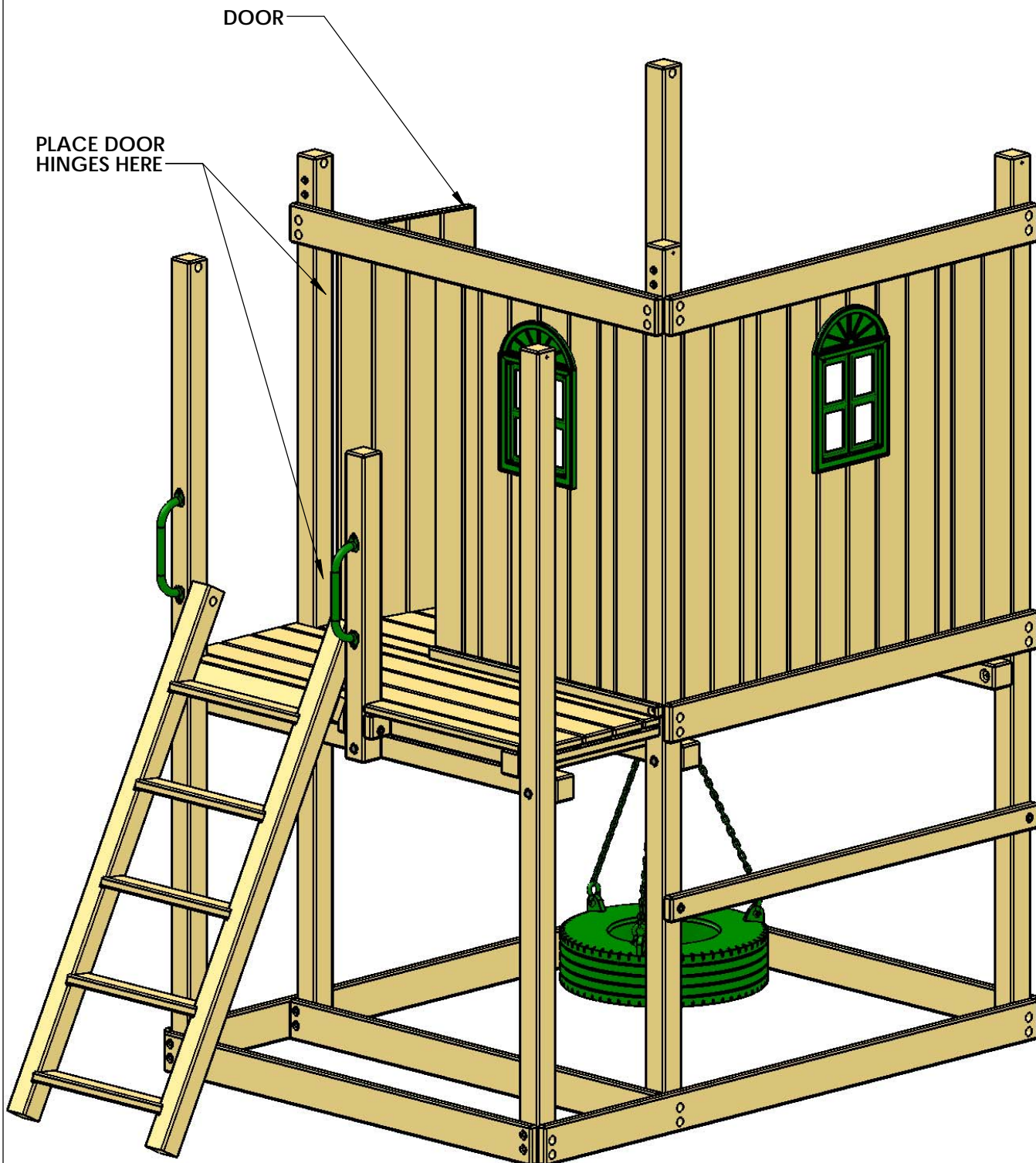
NOTE: ROOF AND WALL OMITTED FOR CLARITY.



## STEP 17: DOOR

1: PLACE DOOR INSIDE OF FORT. FLUSH DOOR WITH CORNER POST AND FRONT WALL ASSEMBLY UPPER BOARD. PLACE A 1/2" WOOD PIECE UNDER DOOR FOR STABILITY. FASTEN HINGES TO INSIDE OF FRONT CORNER POST WITH WOOD 1 1/2" WOOD SCREWS. DOOR WILL OPERATE WITH AN IN-SWING OPENING.

NOTE: ROOF AND SIDE PANEL OMITTED FOR CLARITY





## STEP 18: DORMER

1: USE THE INSTRUCTIONS PROVIDED TO BUILD AND INSTALL THE DORMER. CENTER DORMER ON FRONT ROOF PANEL WITH FRONT OF DORMER FLUSH WITH THE BOTTOM OF THE THIRD SLAT OF ROOF PANEL, AS SHOWN BELOW.

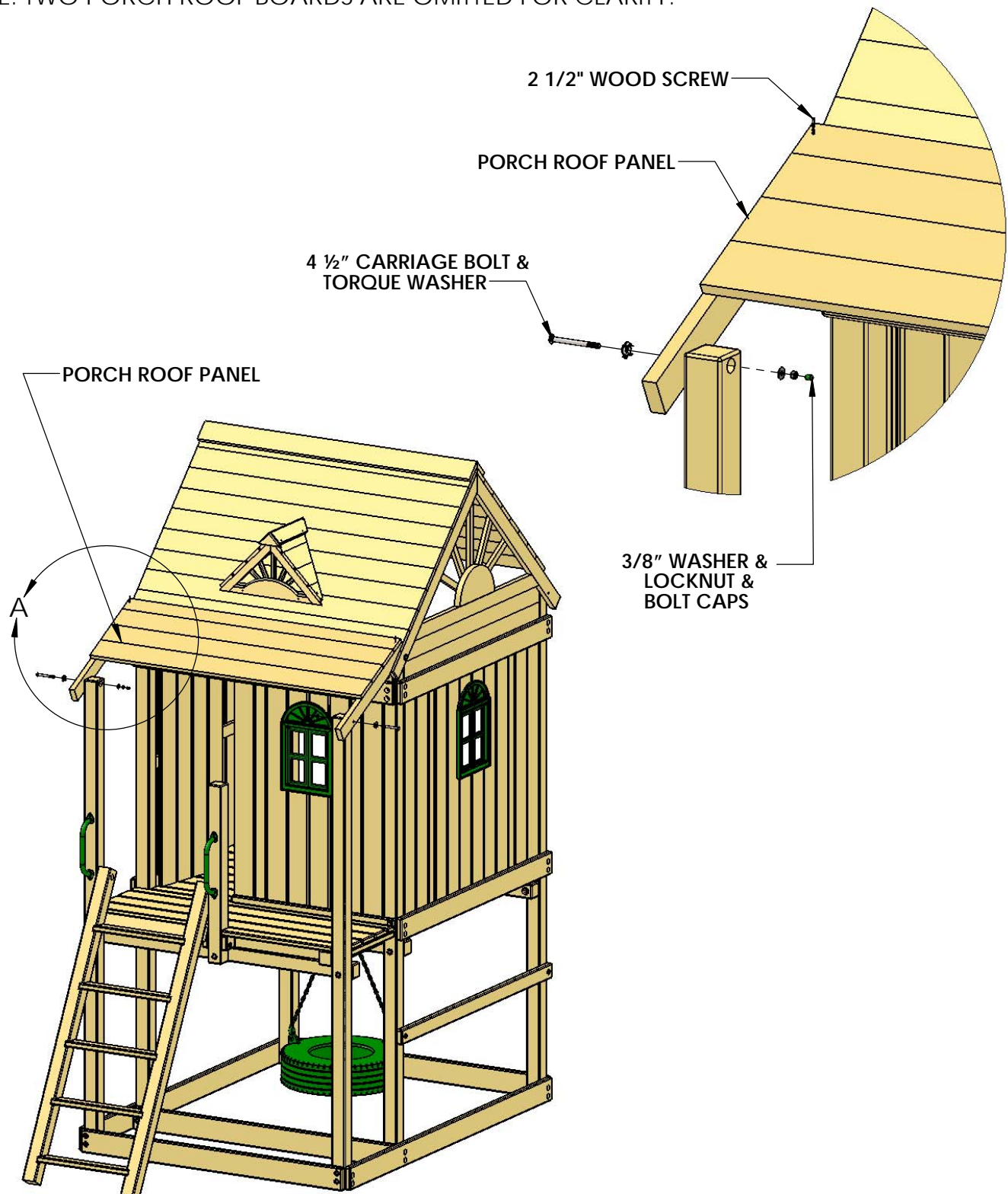


## STEP 19: PORCH ROOF PANEL

1: PLACE FRONT PORCH ROOF PANEL ON FRONT ROOF AND ON TOP OF PORCH POSTS WITH 45° END FACING INWARD. FASTEN THE ROOF SUPPORTS TO PORCH POST WITH 3/8 X 4 1/2" CARRIAGE BOLTS AND TORQUE WASHERS FROM THE OUTSIDE AND 3/8" WASHERS WITH 3/8" LOCKNUTS ON THE INSIDE. USE BOLT CAPS TO COVER ALL EXPOSED THREADS.

2: FASTEN BACK OF PORCH ROOF PANEL TO FRONT ROOF WITH 2 1/2" WOOD SCREWS, AS SHOWN BELOW.

NOTE: TWO PORCH ROOF BOARDS ARE OMITTED FOR CLARITY.



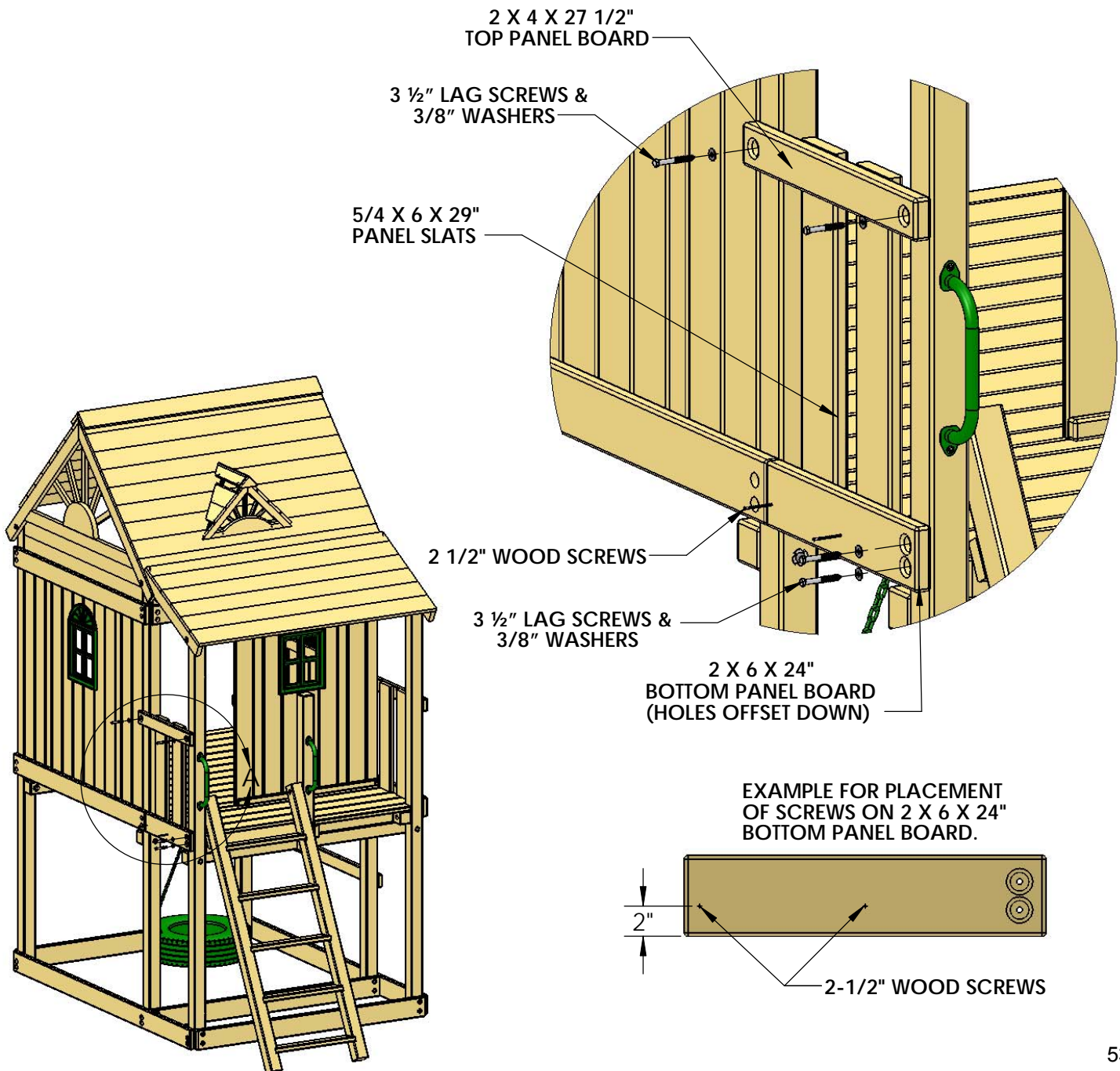
## STEP 20: PORCH PANELS

1: STARTING AT ONE SIDE OF THE FRONT PORCH, FLUSH THE 2 X 6 X 24" BOTTOM PANEL BOARD (HOLES OFFSET DOWN) WITH THE PORCH POST AND WITH THE BOTTOM FORT PANEL BOARD ON SIDE WALL PANEL. TOP OF BOTTOM PORCH PANEL AND TOP OF BOTTOM FORT PANEL BOARDS SHOULD BE EVEN. FASTEN TO PORCH POST WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS THEN FASTEN TWO 2 1/2" WOOD SCREWS EVENLY SPACED AND UP 2" FROM BOTTOM OF THE 2 X 6 X 24" BOTTOM PANEL BOARD, AS SHOWN IN THE EXAMPLE BELOW.

2: FROM THE INSIDE, PLACE THE BOTTOM OF THE TWO 5/4 X 6 X 29" PANEL SLATS ON TOP OF THE DECK, EVENLY SPACED BETWEEN THE PORCH POST AND THE CORNER POST. FASTEN WITH 2" WOOD SCREWS TO THE BOTTOM PORCH PANEL.

3: FLUSH THE 2 X 4 X 27 1/2" TOP PANEL BOARD WITH THE PORCH POST AND CORNER POST AND WITH THE TOP OF THE PANEL SLATS. FASTEN TO THE POST WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS. FROM THE INSIDE FASTEN THE TOP OF THE PANEL SLATS TO THE TOP PANEL BOARD WITH 2" WOOD SCREWS.

4: REPEAT SUBSTEPS 1-3 ON OTHER SIDE OF PORCH.

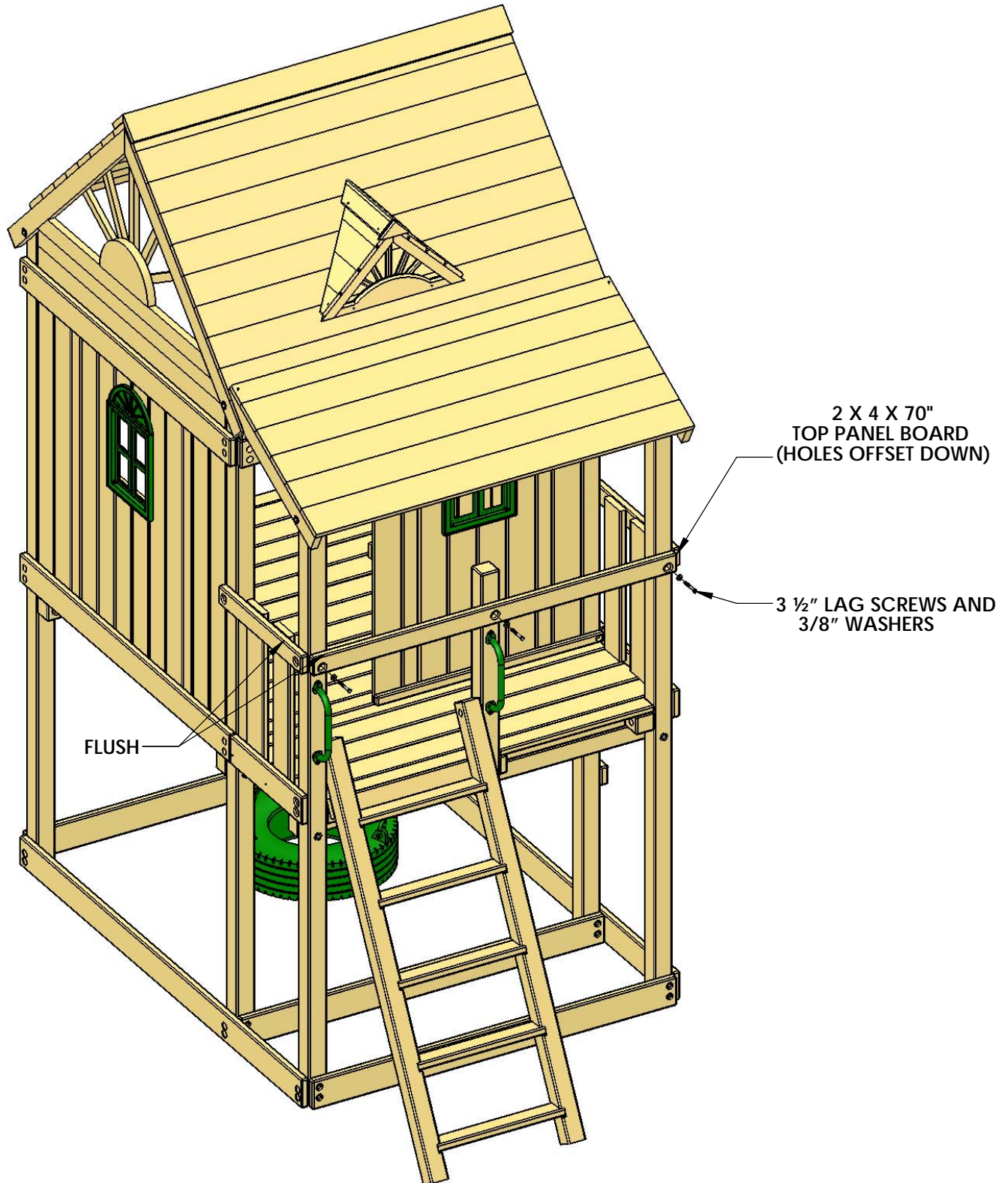




## STEP 21: TOP PANEL BOARD

1: PLACE THE 2 X 4 X 70" TOP PANEL BOARD (HOLES OFFSET DOWN) ACROSS THE FRONT OF THE TWO PORCH POSTS AND CENTER POST. THE TOPS OF THE TOP PANEL BOARDS SHOULD BE FLUSH.

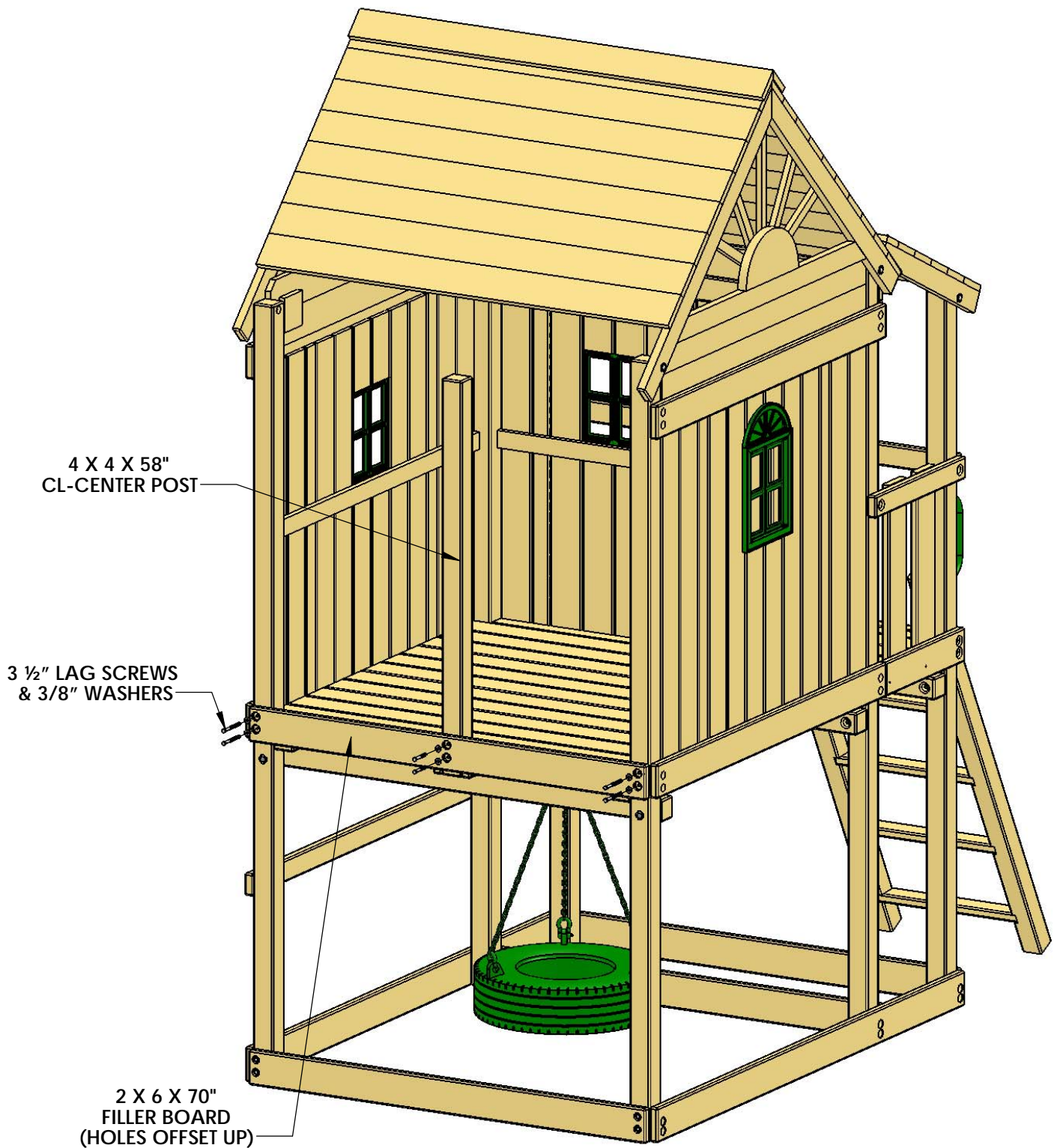
2: FASTEN TOP PANEL BOARD TO PORCH POSTS AND CENTER POST WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 22: CL-CENTER POST

1: PLACE THE 2 X 6 X 70" FILLER BOARD (COUNTERSUNK HOLES OFFSET UP) FLUSH AGAINST THE BACK CORNER POSTS, AT THE SAME HEIGHT AS THE BOTTOM BOARD ON THE SIDE WALLPANELS. FASTEN WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS.

2: PLACE THE 4 X 4 X 58" CL-CENTER POST IN LINE WITH THE CENTER HOLES OF THE 2 X 6 X 70" FILLER BOARD AND REST THE POST ON TOP OF THE DECK. FASTEN WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS.

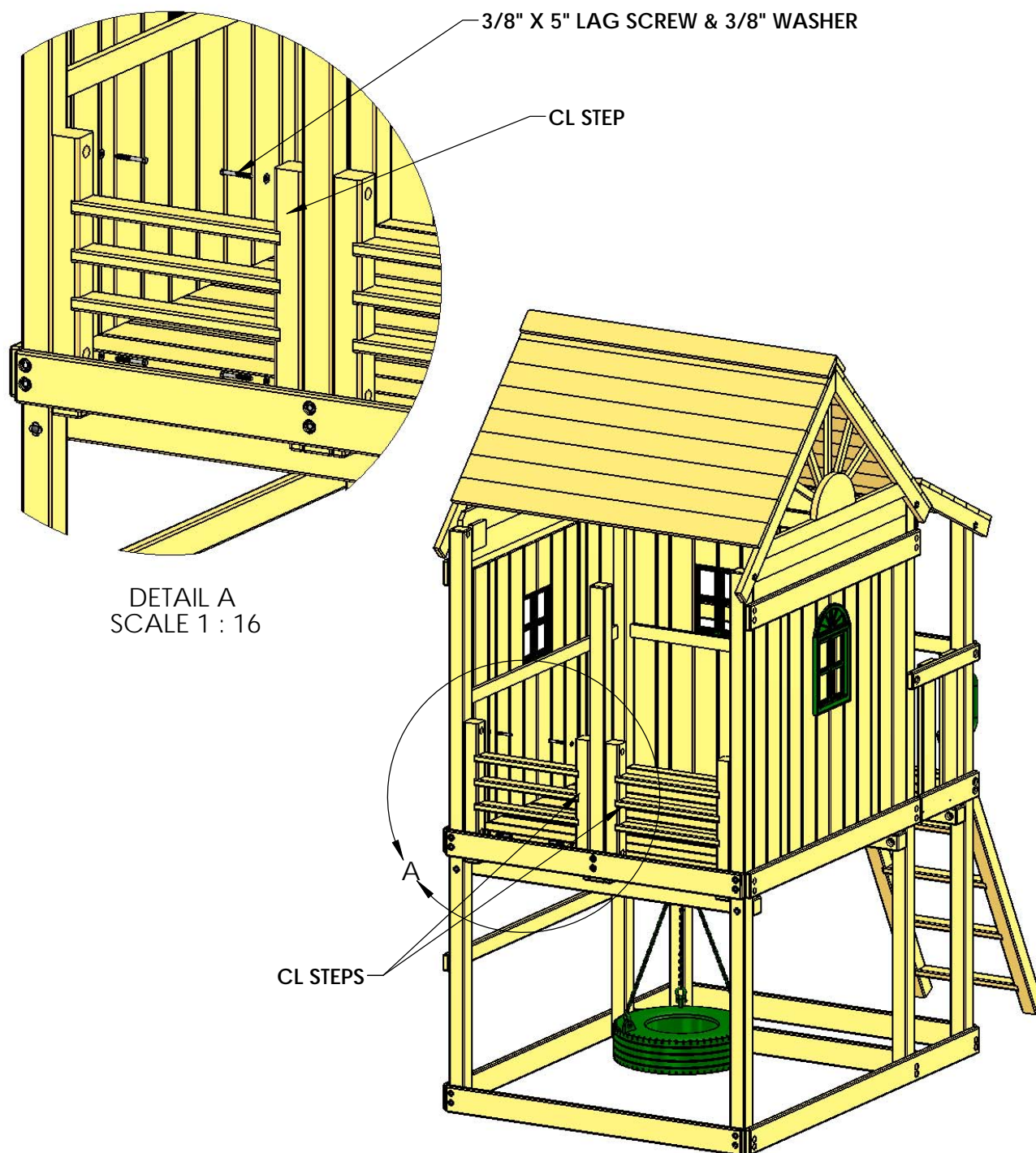


## STEP 23: CL-STEPS

1: PLACE ONE PREASSEMBLED CL-STEP BETWEEN THE CL-CENTER POST AND THE CORNER POST, FLUSH WITH THE FILLER BOARD AND REST ON LOWER DECK.

2: FASTEN CL-STEP WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.

3: REPEAT SUBSTEPS 1 & 2 FOR THE SECOND CL-STEP.

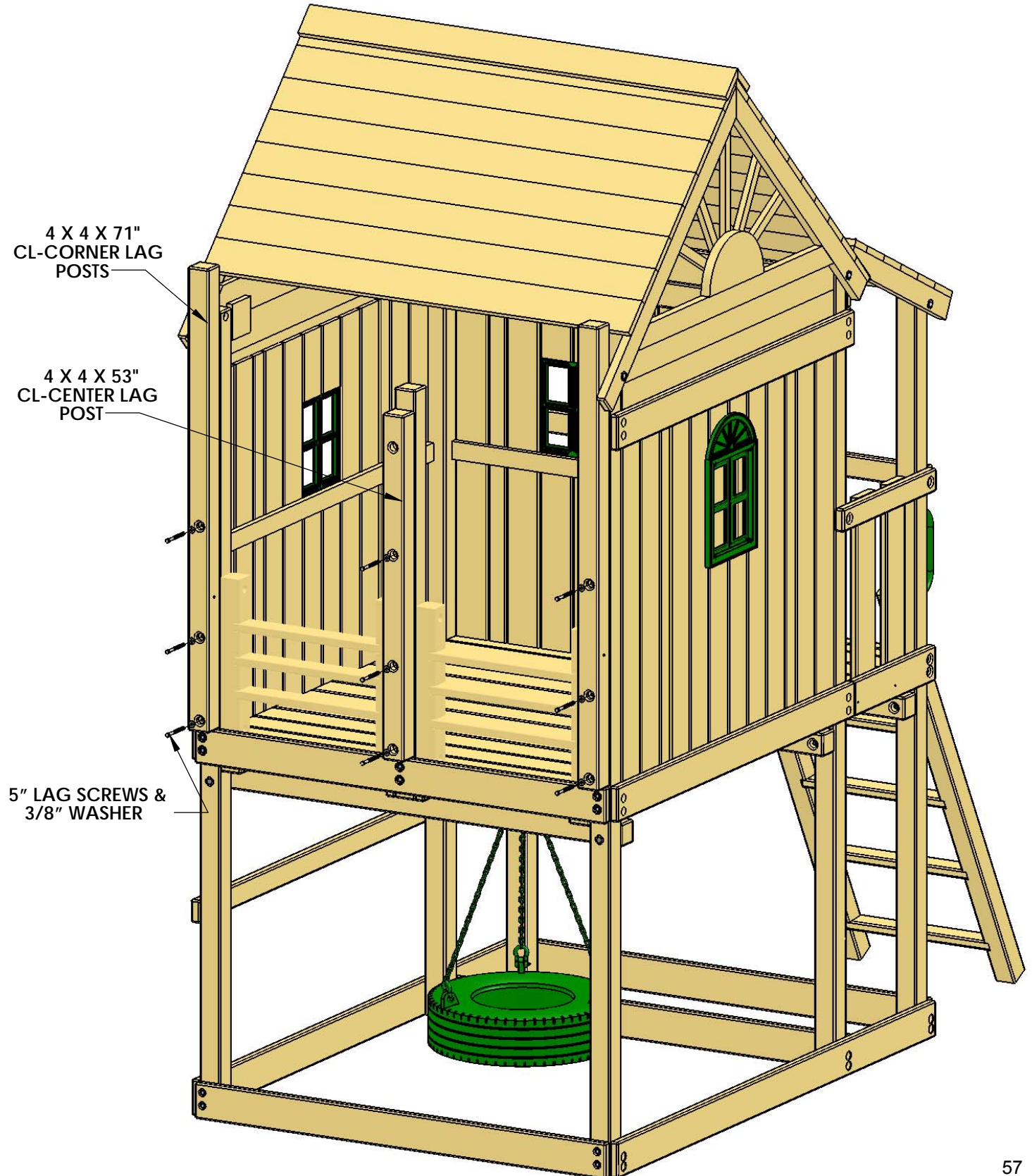




## STEP 24: CL-CORNER & CL-CENTER LAG POST

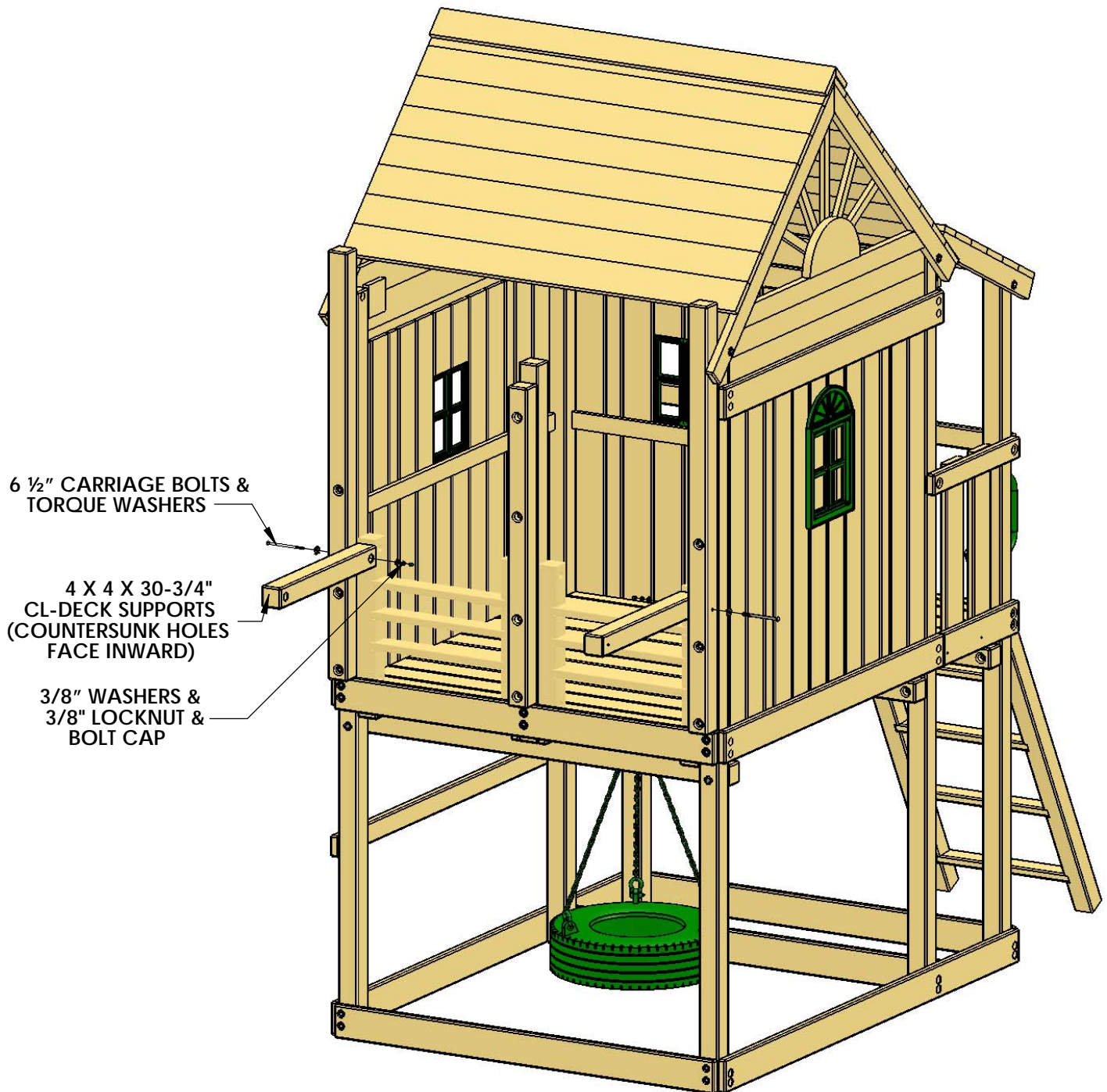
1: PLACE THE 4 X 4 X 71" CL-CORNER LAG POSTS FLUSH AGAINST THE FORT'S BACK CORNERPOSTS AND ON TOP OF THE 2 X 6 X 70" FILLER BOARD. FASTEN WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.

2: PLACE THE 4 X 4 X 53" CL-CENTER LAG POST FLUSH AGAINST CL-CENTER POST AND ON TOP OF THE 2 X 6 X 70" FILLER BOARD. FASTEN THE CL-CENTER LAG POST TO THE CL-CENTER POST WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.



## STEP 25: CL-DECK SUPPORTS

1. PLACE THE 4 X 4 X 30-3/4" CL-DECK SUPPORTS (COUNTERSUNK HOLES FACE INWARD) FLUSH WITH THE INSIDE OF THE CL-CORNER LAG POSTS, LINING UP THE HOLES, AS SHOWN BELOW. FASTEN FROM THE OUTSIDE OF THE CL-CORNER LAG POSTS WITH 3/8" X 6 1/2" CARRIAGE BOLTS AND TORQUE WASHERS AND A 3/8" WASHER WITH 3/8" LOCKNUT ON THE INSIDE. USE BOLT CAPS TO COVER ALL EXPOSED THREADS.



## STEP 26: CL-CORNER POST

1: PLACE THE 4 X 4 X 131" CL-CORNER POSTS FLUSH WITH THE OUTSIDE END OF THE CL-DECK SUPPORT, LINING UP THE HOLES. FASTEN FROM THE OUTSIDE WITH 3/8" X 6 1/2" CARRIAGE BOLT AND TORQUE WASHER AND A 3/8" WASHER WITH A 3/8" LOCKNUT ON THE INSIDE. USE BOLT CAPS TO COVER ALL EXPOSED THREADS.

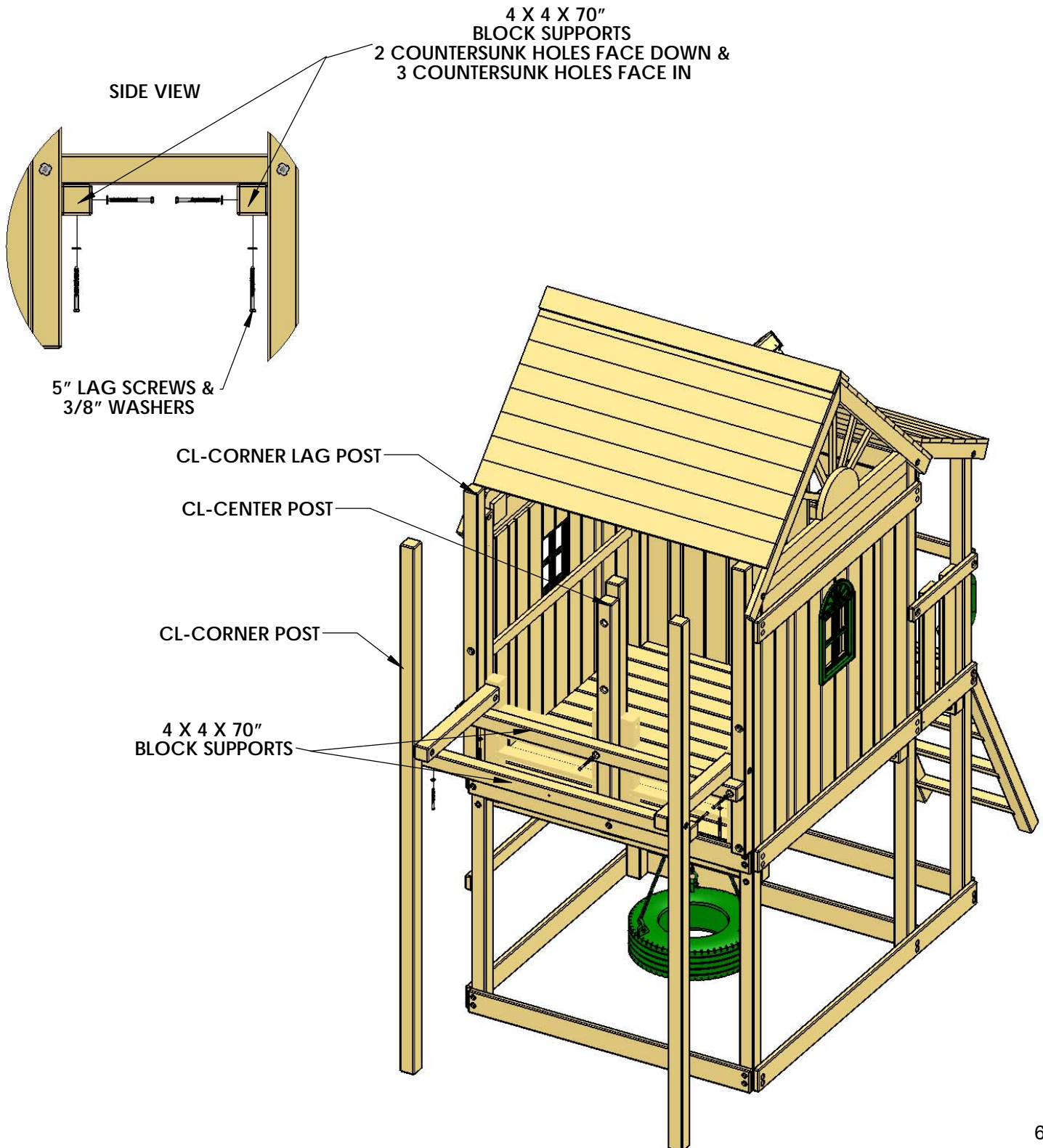




## STEP 27: BLOCK SUPPORTS

1: PLACE A 4 X 4 X 70" BLOCK SUPPORTS WITH FIVE HOLES (THE SIDE WITH 2 COUNTERSUNK HOLES FACE DOWN AND THE SIDE WITH 3 COUNTERSUNK HOLES FACES IN) FLUSH AGAINST THE CL-CORNER LAG POST AND CL-CENTER POST AND FLUSH WITH THE BOTTOM OF THE CL-DECK SUPPORTS. FASTEN WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.

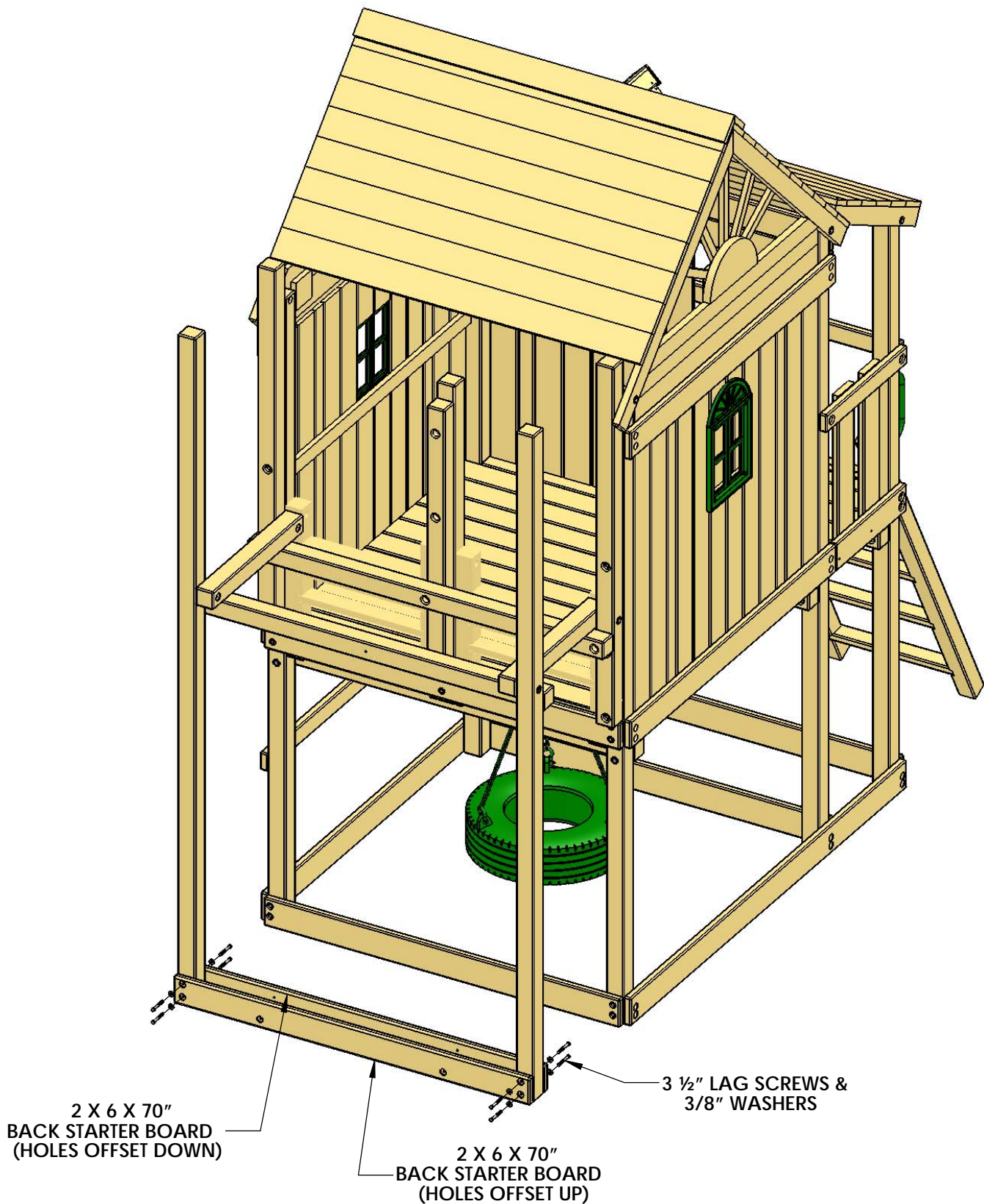
2: PLACE A 4 X 4 X 70" BLOCK SUPPORTS WITH FIVE HOLES (THE SIDE WITH 2 COUNTERSUNK HOLES FACE DOWN AND THE SIDE WITH 3 COUNTERSUNK HOLES FACES IN) FLUSH AGAINST THE CL-CORNER POST AND FLUSH WITH THE BOTTOM OF THE CL-DECK SUPPORTS. FASTEN WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS IN ALL ALL COUNTERSUNK HOLES EXCEPT THE CENTER ONE AT THIS TIME.





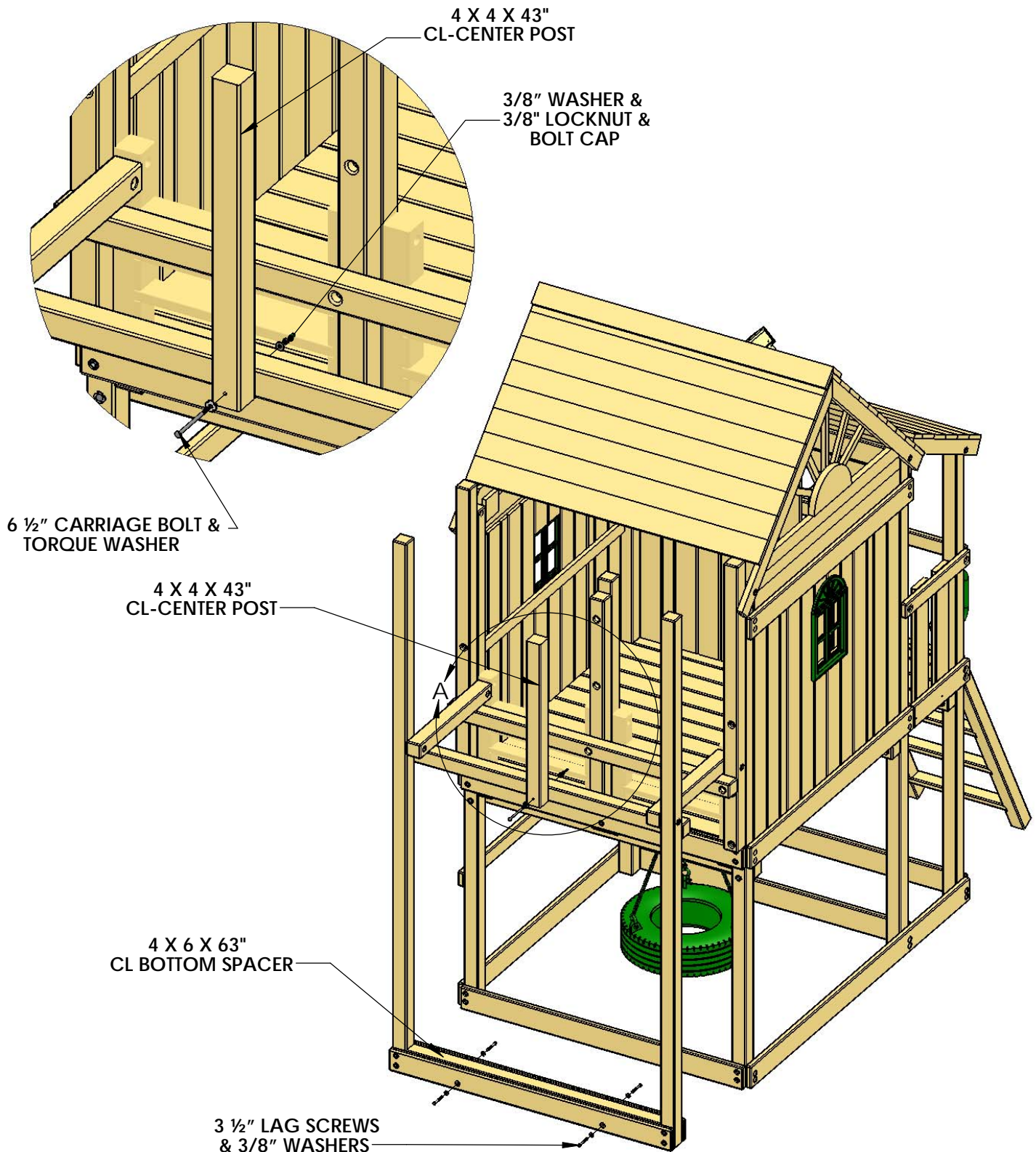
## STEP 28: BACK STARTER BOARDS

1: PLACE A 2 X 6 X 70" BOTTOM STARTER BOARD (HOLES OFFSET UP) FLUSH WITH THE FRONT AND BOTTOM OF THE CL-CORNER POSTS. THEN PLACE ANOTHER 2 X 6 X 70" BACK STARTER BOARD (HOLES OFFSET DOWN) FLUSH WITH THE INSIDE AND BOTTOM OF THE CL-CORNER POSTS. FASTEN WITH 3/8" X 3 1/2" LAG SCREWS AND 3/8" WASHERS AT THE POST. HOLES IN THE MIDDLE WILL BE USED IN THE FOLLOWING STEP.



## STEP 29: CL-BOTTOM SPACER & CL-CENTER POST

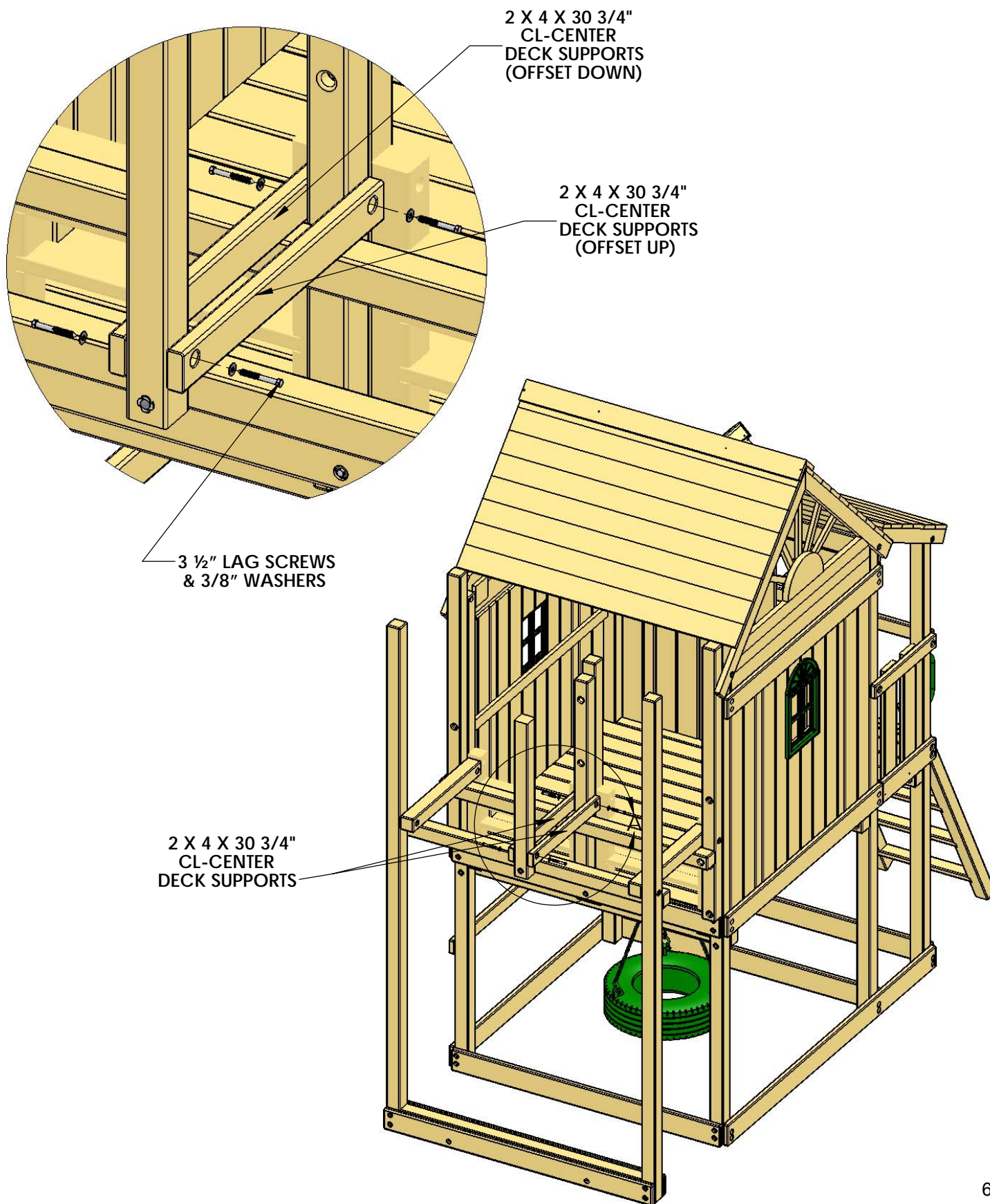
1. PLACE THE 4 X 6 X 63" CL-BOTTOM SPACER BETWEEN THE TWO 2 X 6 X 70" BOTTOM SPACER BOARDS, AS SHOWN BELOW. FASTEN THE TWO BOTTOM SPACER BOARDS TO THE CL-BOTTOM SPACER WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS.
2. PLACE THE 4 X 4 X 43" CL-CENTER POST FLUSH WITH THE CL-BLOCK SUPPORT LINING UP THE HOLE OF THE CL-CENTER POST WITH THE CENTER HOLE OF THE BLOCK SUPPORT. FASTEN THE CL-CENTER POST FROM THE OUTSIDE WITH 3/8" X 6 1/2" CARRIAGE BOLTS AND TORQUE WASHERS THEN 3/8" WASHERS AND 3/8" LOCKNUTS AND 3/8" LOCKNUTS FROM THE INSIDE. USE BOLT CAPS TO COVER ALL EXPOSED THREADS.





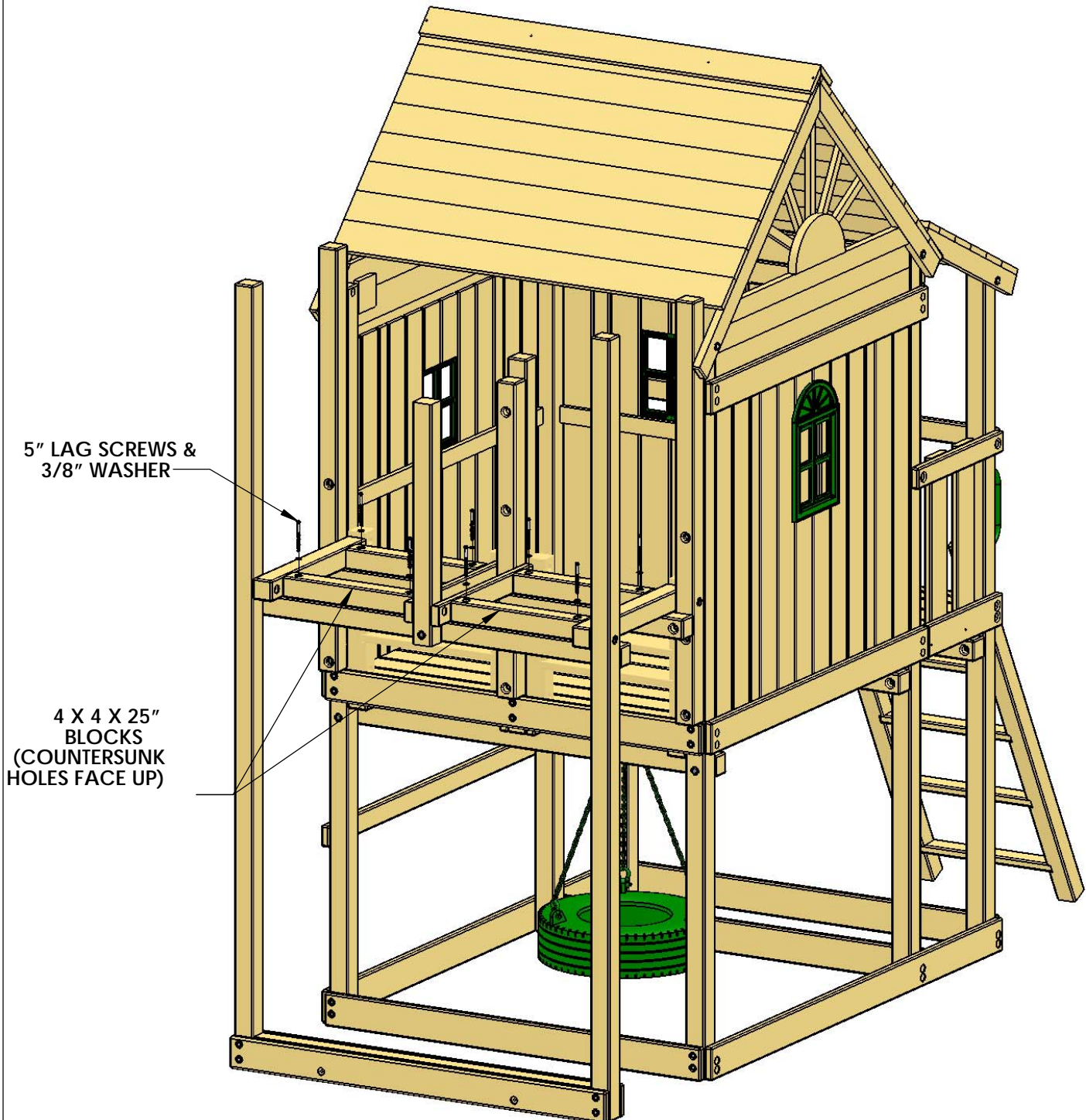
## STEP 30: CL-CENTER DECK SUPPORTS

1. PLACE A 2 X 4 X 30 3/4" CL-CENTER DECK SUPPORT ON EITHER SIDE OF THE CL-CENTER POSTS AND ON TOP OF THE BLOCK SUPPORTS (HOLES OFFSET DOWN ON ONE AND UP ON THE OTHER), AS SHOWN BELOW. FASTEN WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 31: BLOCKS

1. PLACE THE 4 X 4 X 25" BLOCKS (COUNTERSUNK HOLES FACE UP) ON TOP OF THE BLOCK SUPPORTS, BETWEEN THE CL-CENTER DECK SUPPORTS AND CL-DECK SUPPORTS. FASTEN THE BLOCKS TO THE BLOCK SUPPORTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.



## STEP 32: ASSEMBLY OF UPPER DECK

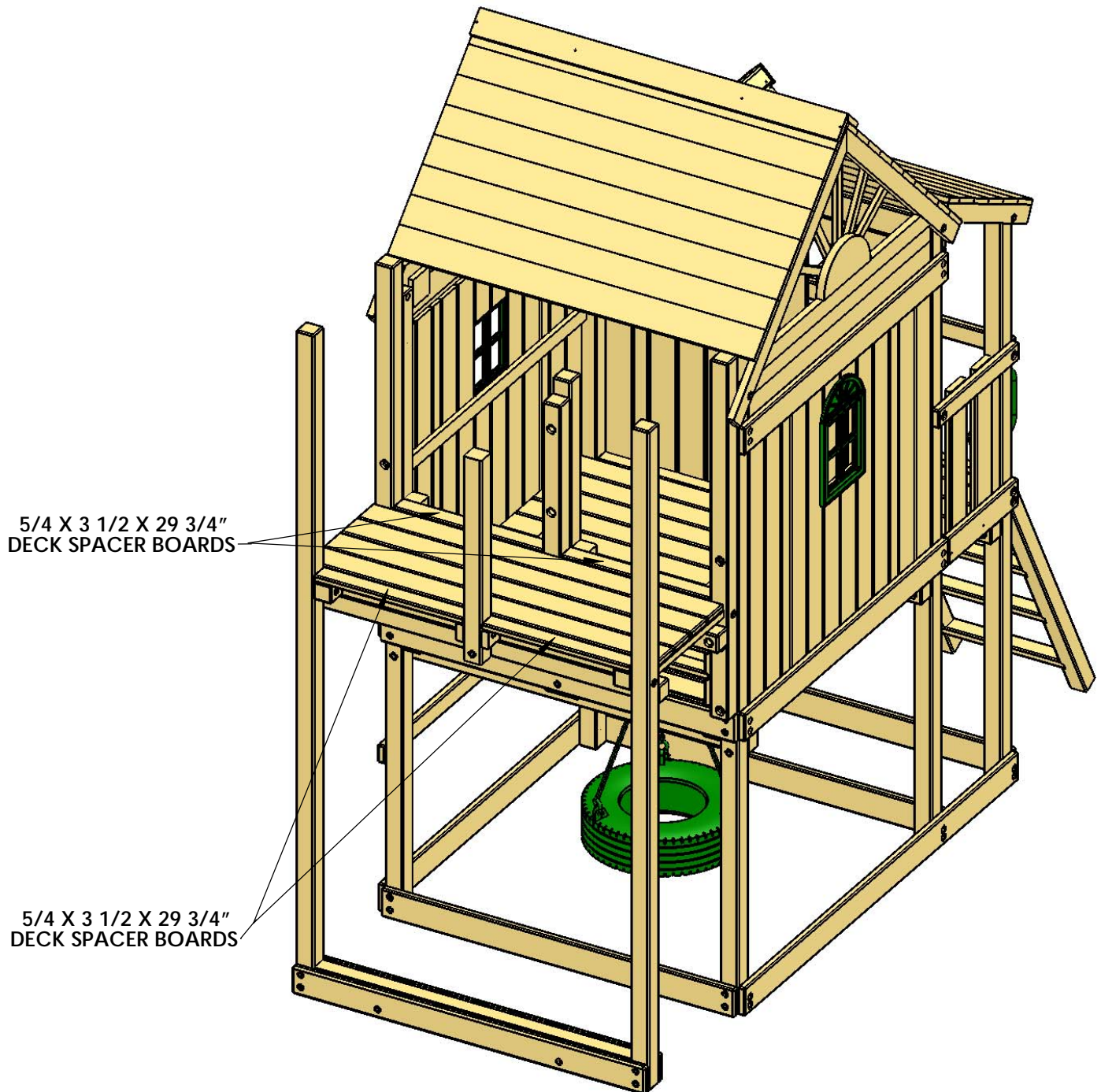
1: PLACE THE PRE-ASSEMBLED 4-BOARD CL-DECK SECTION ON TOP OF DECK SUPPORTS, AS SHOWN BELOW. BE SURE THE DECK IS EVENLY SPACED AND CENTERED BETWEEN ALL POSTS. SECURE EACH DECK BOARD WHERE IT OVERLAPS A DECK SUPPORT WITH TWO 2" WOOD SCREWS.





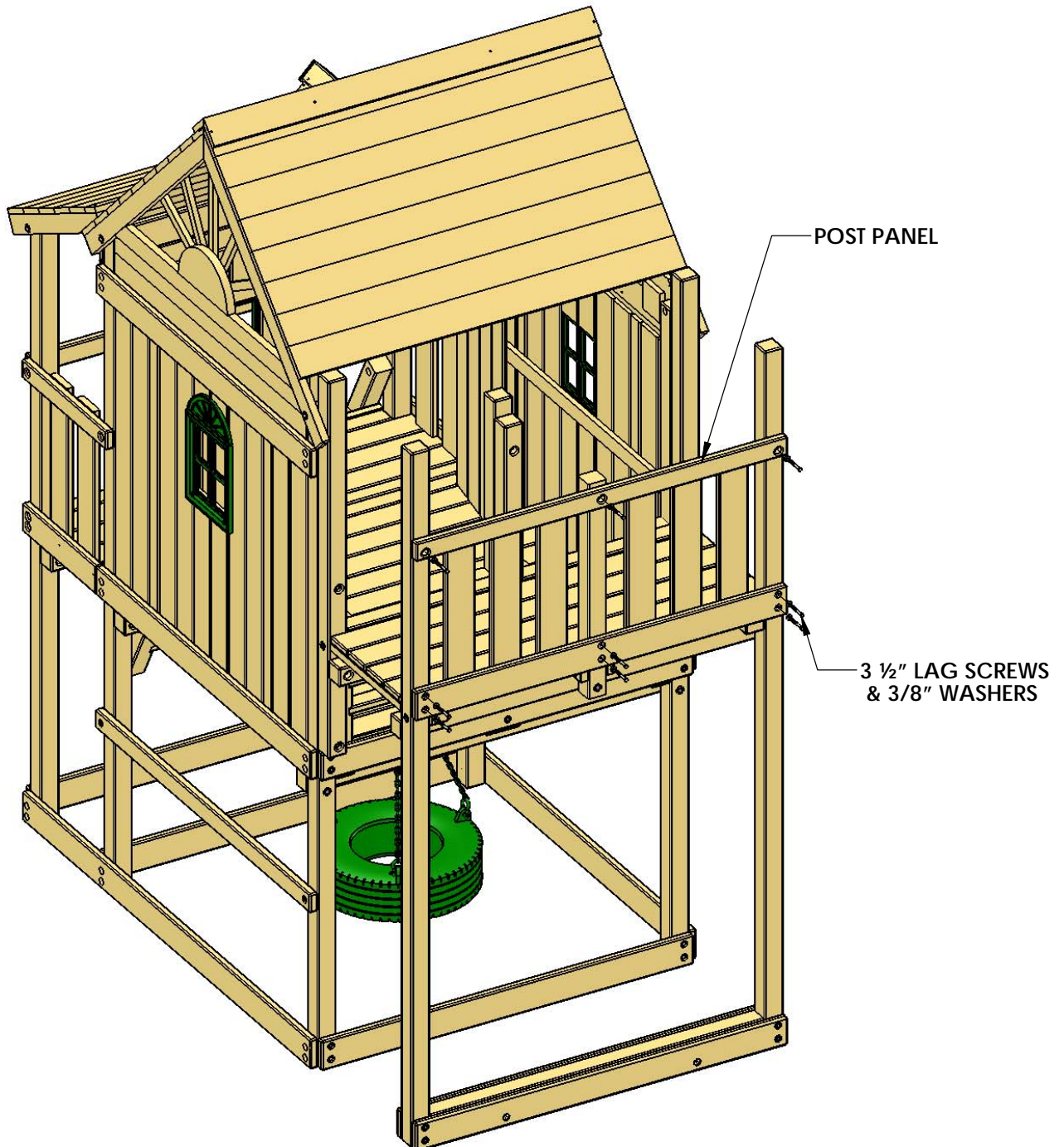
## STEP 33: DECK SPACER BOARDS

- 1: PLACE TWO  $5/4 \times 3\ 1/2 \times 29\ 3/4$ " DECK SPACER BOARDS ACROSS THE TOP OF THE CL-DECK SUPPORTS AND CL-CENTER DECK SUPPORTS BETWEEN THE CL-CORNER LAG POST AND CL-CENTER LAG POST.
- 2: PLACE TWO  $5/4 \times 3\ 1/2 \times 29\ 3/4$ " DECK SPACER BOARDS ACROSS THE TOP OF THE CL-DECK SUPPORTS AND CL-CENTER DECK SUPPORTS BETWEEN THE CL-CORNER POST AND CL-CENTER POST.
- 3: SECURE DECK SPACER BOARDS WITH FOUR 2" WOOD SCREWS TO DECK SUPPORTS.



## STEP 34: POST PANEL

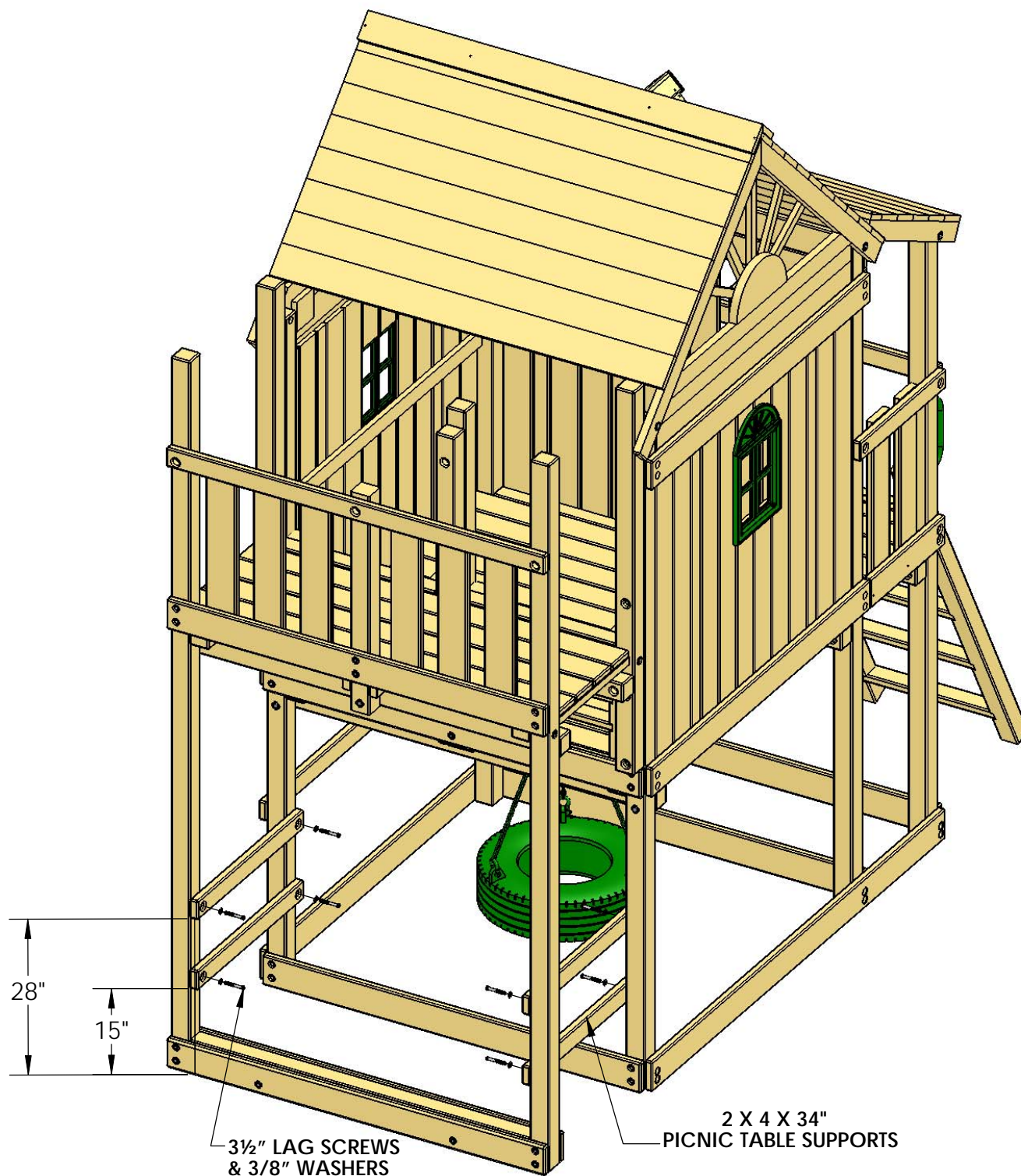
1: PLACE THE PRE-ASSEMBLED POST PANEL FLUSH AGAINST THE CL-CORNER POSTS, ALLOWING THE PANEL SLATS TO REST ON TOP OF THE DECK. FASTEN THE POST PANEL TO THE BACK CL-CORNER POSTS AND CL-CENTER POST WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS.





## STEP 35: PICNIC TABLE SUPPORTS

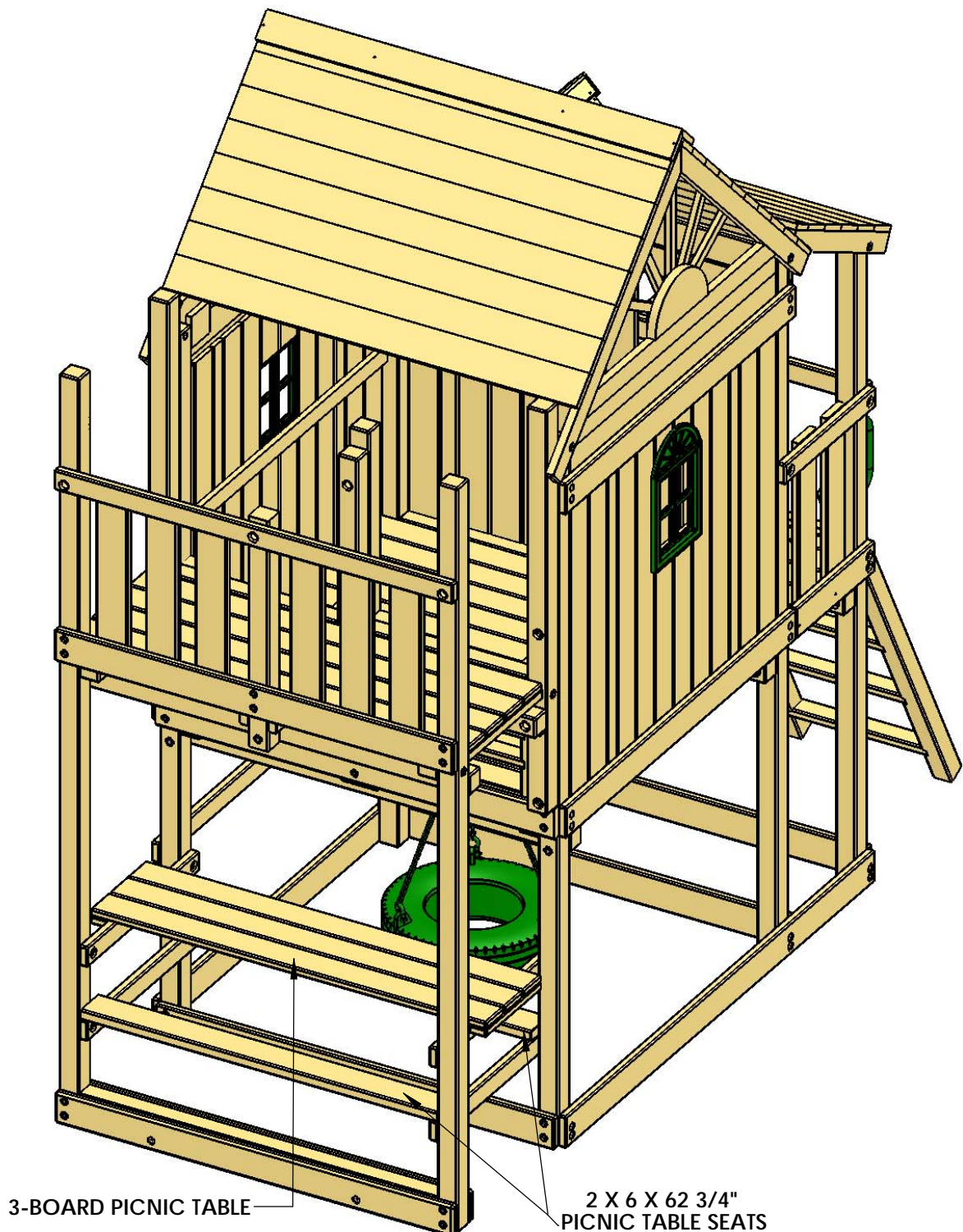
1: PLACE TWO 2 X 4 X 34" PICNIC TABLE SUPPORTS, PER SIDE, FLUSH WITH THE CORNER POSTS AND CL-CORNER POST AT THE HEIGHT SHOWN. FASTEN WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 36: PICNIC TABLE & SEATS

1: PLACE THE 2 X 6 X 62 3/4" PICNIC TABLE SEATS ON THE LOWER PICNIC TABLE SUPPORTS AND FLUSH WITH THE END OF THE PICNIC TABLE SUPPORTS, AS SHOWN BELOW. SECURE WITH TWO 2 1/2" WOOD SCREWS TO PICNIC TABLE SUPPORTS, PER SIDE ON EACH PICNIC TABLE SEAT.

2: PLACE THE 3-BOARD PICNIC TABLE ON THE UPPER PICNIC TABLE SUPPORTS AND CENTER BETWEEN ALL POSTS, AS SHOWN BELOW. SECURE ALL THREE BOARDS WITH TWO 2" WOOD SCREWS PER SIDE TO PICNIC TABLE SUPPORTS.

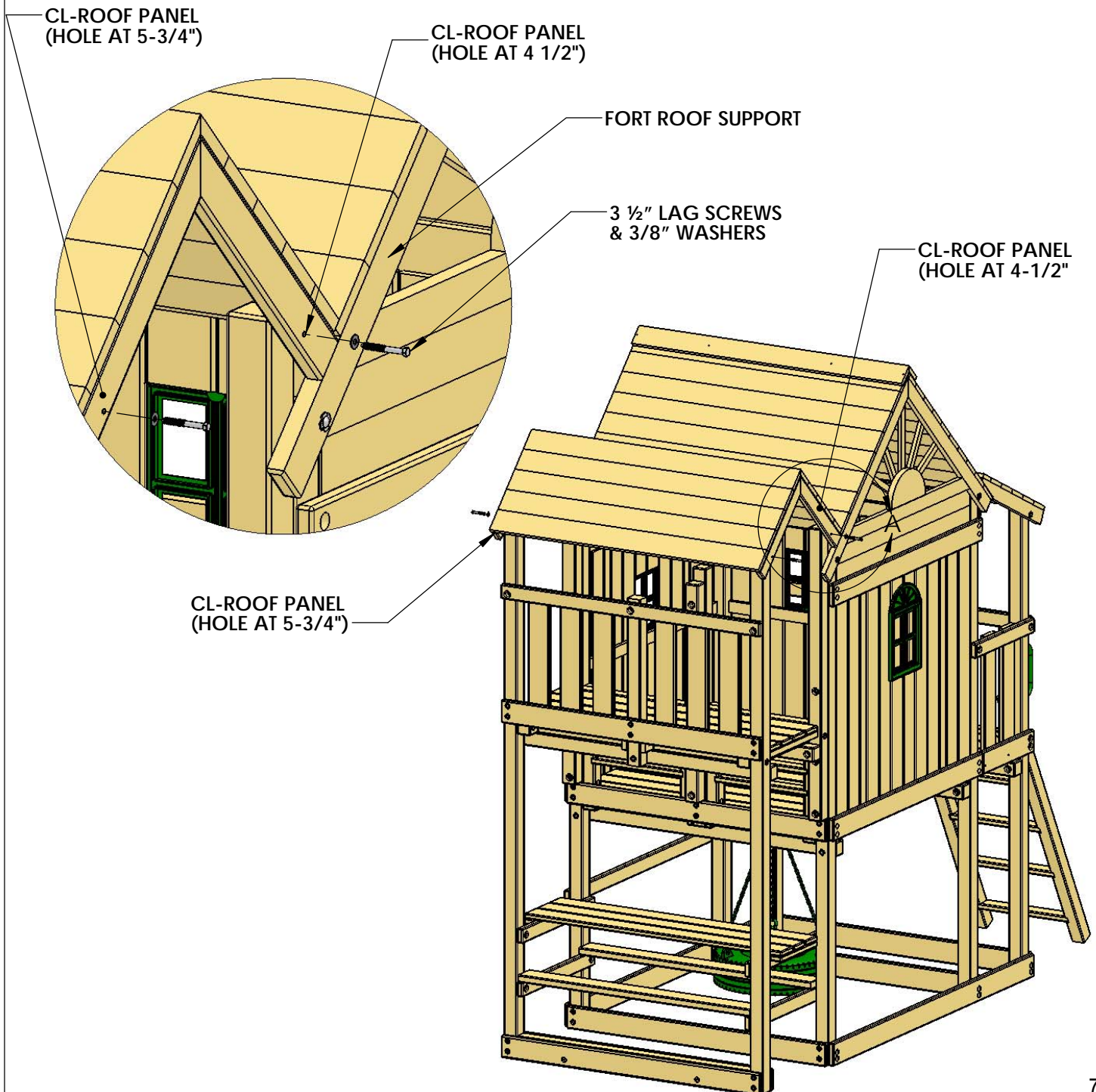




## STEP 37: CL-ROOF PANELS

1: PLACE THE PRE-ASSEMBLED CL-ROOF PANEL WITH THE HOLE AT 4 1/2" FLUSH WITH THE FORT ROOF SUPPORT AND THE 45° END FACING TOWARD THE OUTSIDE, AS SHOWN BELOW. FASTEN THE ROOF SUPPORT TO THE CL-CORNER LAG POST FROM THE OUTSIDE WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS. DO NOT TIGHTEN BOLTS COMPLETELY AT THIS TIME.

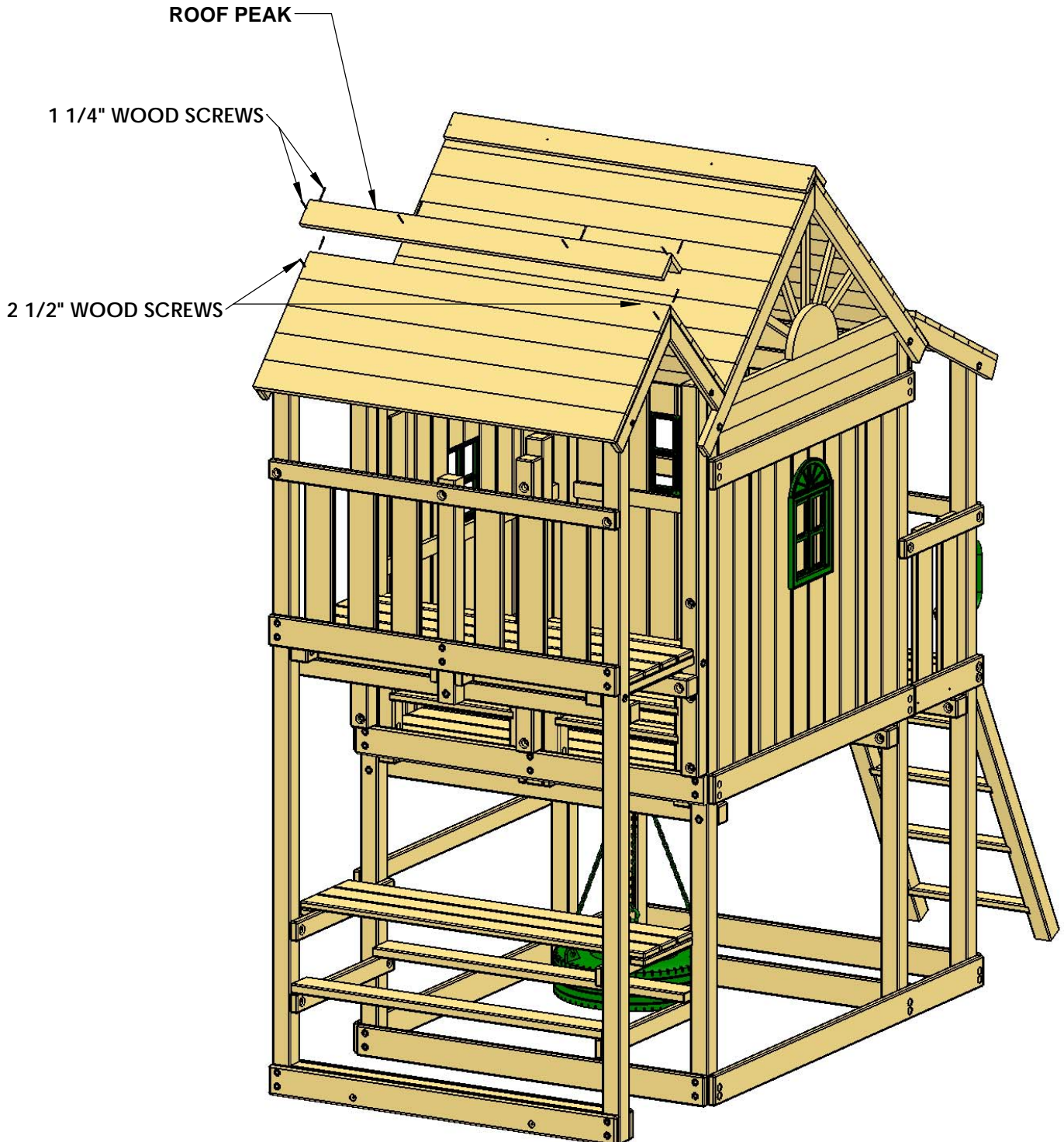
2: PLACE THE PRE-ASSEMBLED CL-ROOF PANEL WITH THE HOLE AT 5 3/4" WITH THE 45° END FACING TOWARD THE INSIDE. FLUSH THE TWO 45° ENDS TOGETHER OF THE TWO ROOFS TO MAKE A PEAK. FASTEN THE ROOF SUPPORT TO THE CL-CORNER POST FROM THE OUTSIDE WITH 3/8 X 3 1/2" LAG SCREWS AND 3/8" WASHERS. TIGHTEN ALL BOLTS COMPLETELY AT THIS TIME.



## STEP 38: COMPLETION OF ROOF

1: AFTER BOTH ROOF PANELS ARE FASTENED, JOIN THE TWO ROOF SUPPORTS TOGETHER WITH 2 1/2" WOOD SCREWS, PERPENDICULAR AT THE MITER JOINTS, AS SHOWN BELOW.

2: PLACE ROOF PEAK ON TOP OF ROOF, FLUSH WITH ROOF PANELS AND ROOF SUPPORTS. FASTEN ROOF PEAK TO ROOF WITH 1 1/4" WOOD SCREWS, FOUR ON EACH SIDE, CENTERED AND EVENLY SPACED AS SHOWN BELOW.





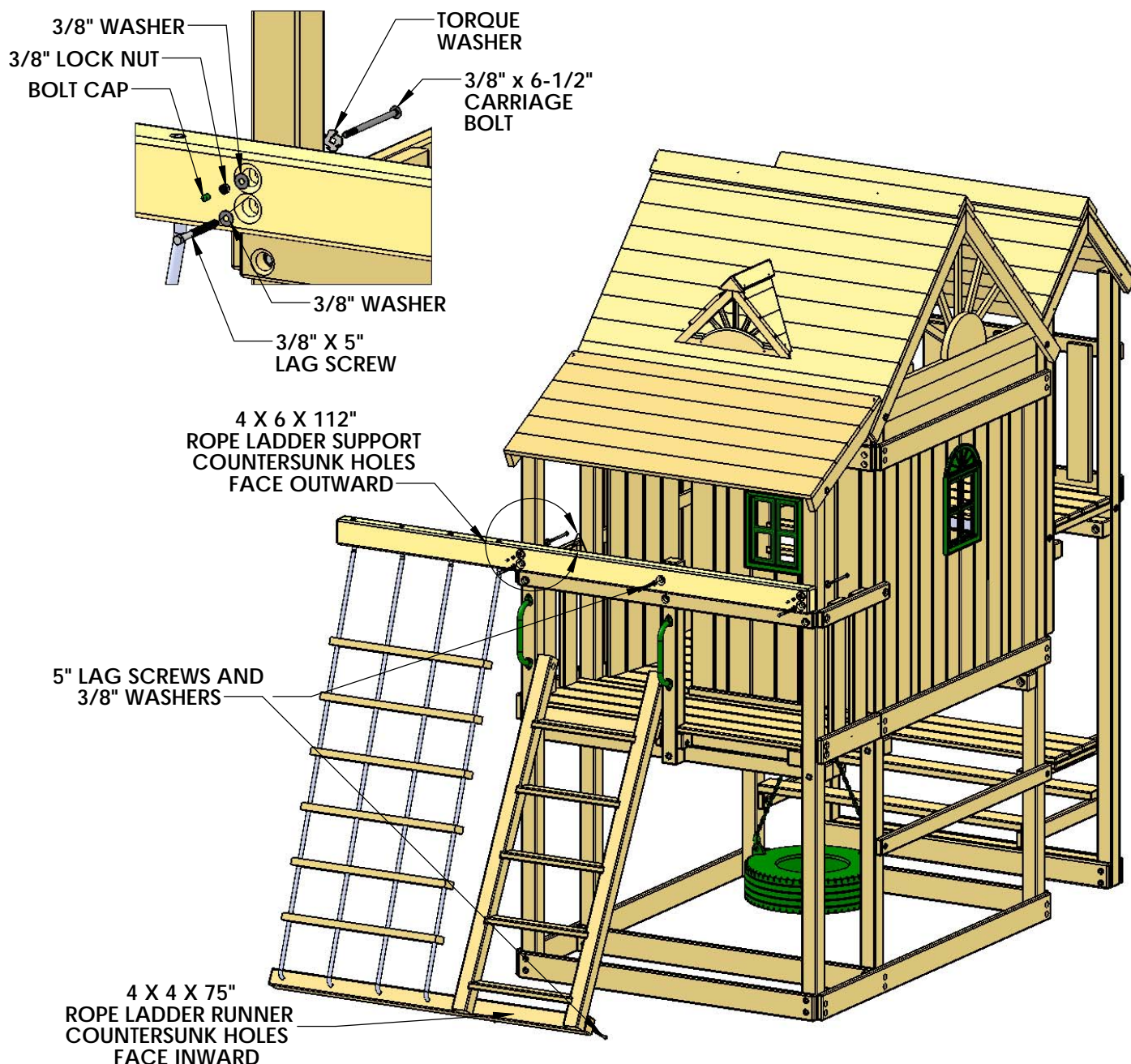
## STEP 39: ROPE LADDER

1: SET THE 4 X 6 X 112" ROPE LADDER SUPPORT ON TOP OF TOP PANEL BOARD AND FLUSH WITH BOTH PORCH POSTS AND CENTER POST. COUNTERSUNK HOLES FACE OUTWARD AND ARE CENTERED ON ALL THREE POSTS. FASTEN ROPE LADDER SUPPORT TO ALL THREE POSTS WITH 3/8 X 5" LAG SCREWS AND 3/8" WASHERS, AS SHOWN BELOW. NEXT, USE THE TOP HOLE ON EACH END TO DRILL A 3/8" HOLE THROUGH THE PORCH POSTS FOR THE 6-1/2" CARRIAGE BOLT. FASTEN THE ROPE LADDER SUPPORT TOP HOLES TO THE PORCH POSTS WITH 3/8" X 6-1/2" CARRIAGE BOLTS AND TORQUE WASHERS FROM THE INSIDE AND 3/8" WASHERS AND LOCK NUTS ON THE OUTSIDE. USE BOLT CAPS TO COVER THE EXPOSED THREADS ON THE END OF THE CARRIAGE BOLTS.

2: FLUSH THE BOTTOM OF 4 X 4 X 75" ROPE LADDER RUNNER WITH THE BOTTOM OF LADDER. COUNTERSUNK HOLES FACE INWARD AND ARE CENTERED ON LADDER LEGS. FASTEN ROPE LADDER RUNNER TO EACH LADDER LEG WITH 3/8 X 5" LAG SCREWS AND 3/8" WASHERS.

3: THREAD THE ROPE THROUGH THE HOLES IN THE ROPE LADDER SUPPORT FROM THE BOTTOM TO THE TOP. THEN FORM A SECURE KNOT AT THE TOP OF THE ROPE LADDER SUPPORT. THEN THREAD THE ROPE THROUGH THE FRONT SIDE OF THE ROPE LADDER RUNNER TO THE BACK SIDE. THEN FORM A SECURE KNOT AT THE BACK OF THE ROPE LADDER RUNNER.

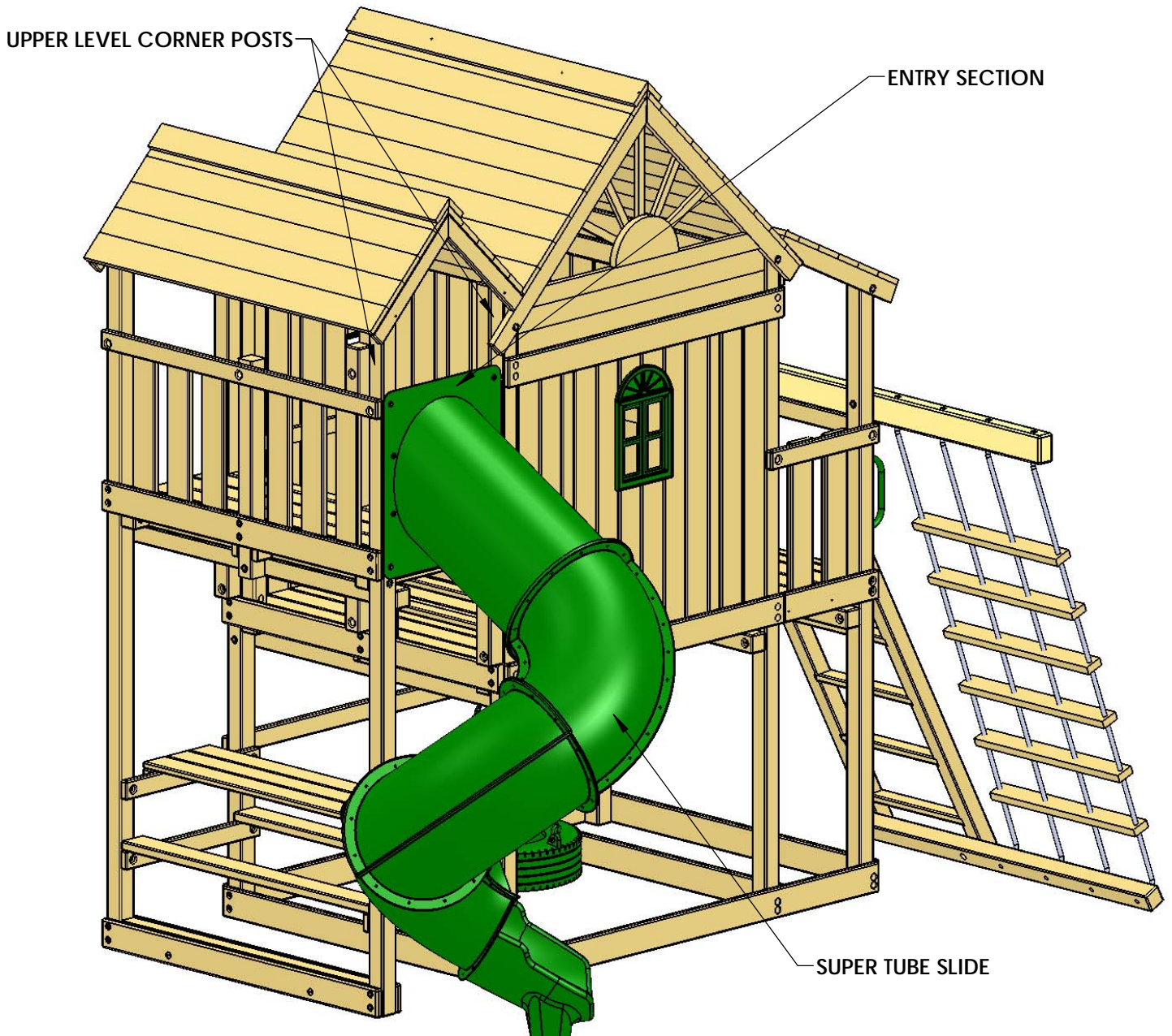
4. TEST EACH ROPE BY WRAPPING IT AROUND YOUR HAND. IF THE ROPE WRAPS AROUND YOUR HAND IT IS TOO LOOSE. RE-TIE THE ROPE UNTIL IT NO LONGER WRAPS AROUND YOUR HAND.



## STEP 40: SUPER TUBE SLIDE

1: ASSEMBLE THE SUPER TUBE SLIDE ACCORDING TO THE DIRECTIONS INCLUDED WITH THE SLIDE.

2: ATTACH THE SUPER TUBE SLIDE TO THE UPPER LEVEL CORNER POSTS AS SHOWN BELOW. USE THE HARDWARE DESCRIBED IN THE SUPER TUBE MANUAL TO ATTACH THE SUPER TUBE ENTRY SECTION TO THE UPPER LEVEL CORNER POSTS.

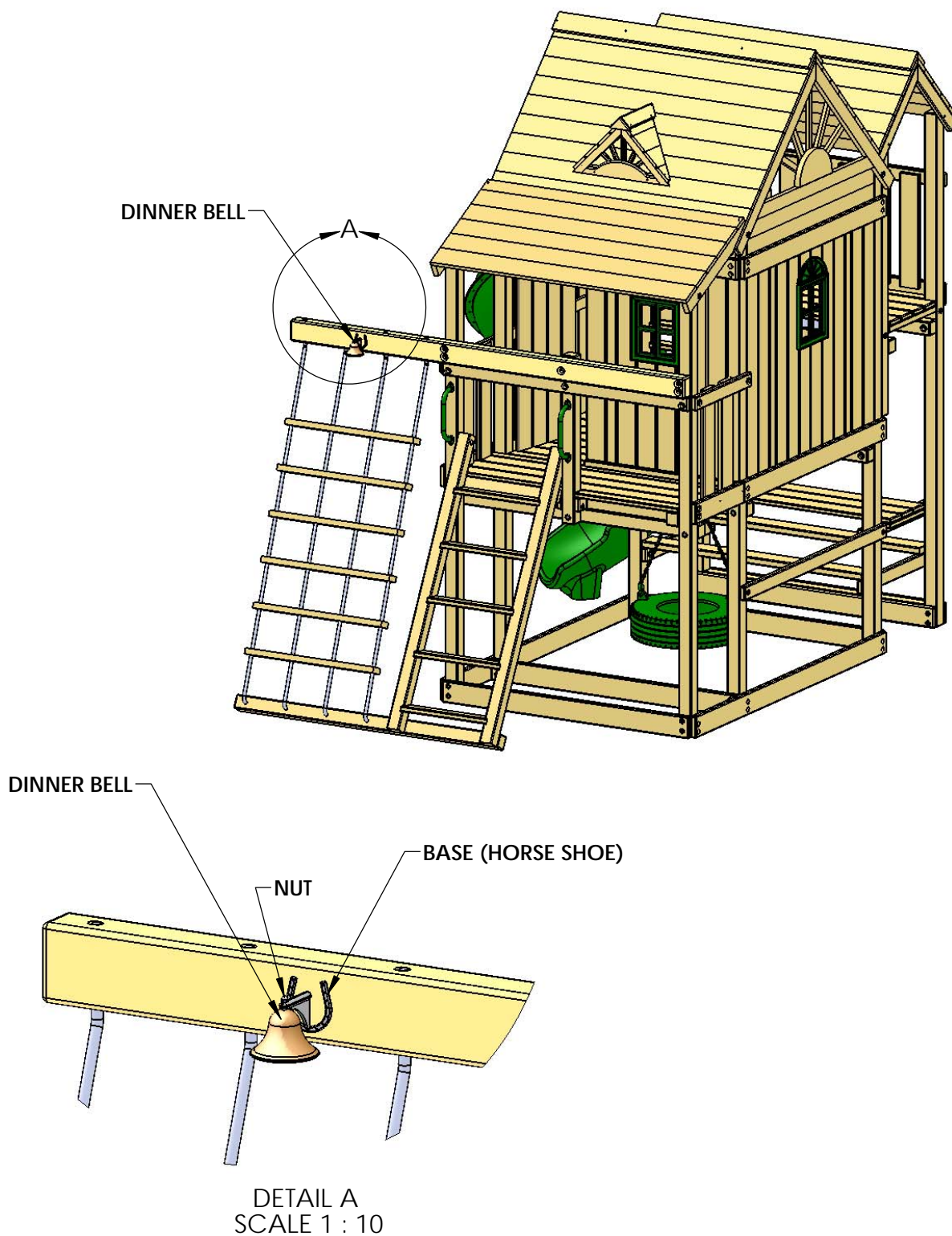




## STEP 41: DINNER BELL

1: CENTER THE BASE OF THE DINNER BELL ON THE ROPE LADDER SUPPORT OVER THE ROPE LADDER AND ATTACH WITH PROVIDED SCREWS.

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

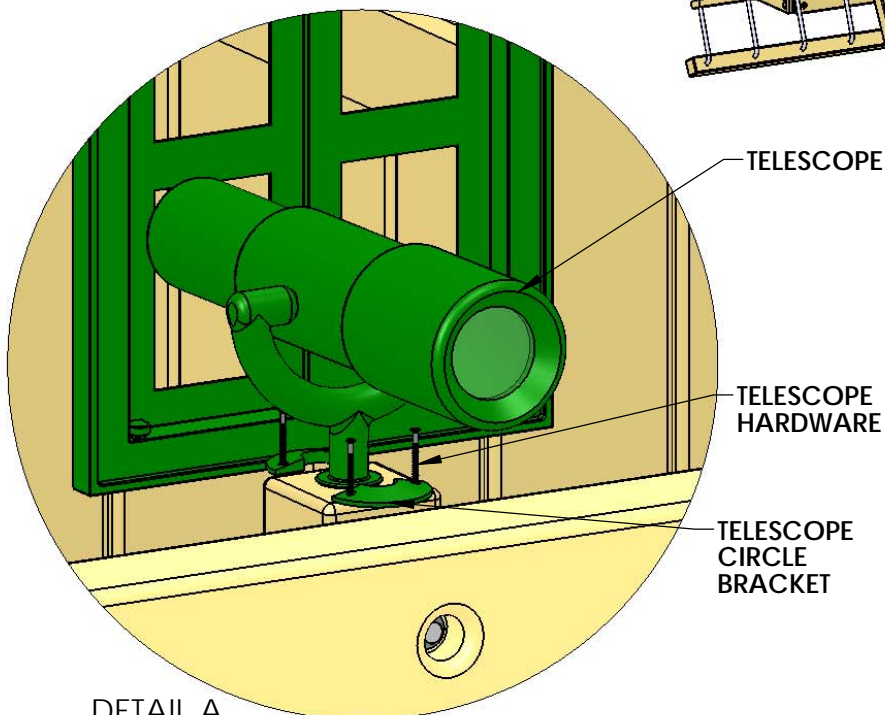
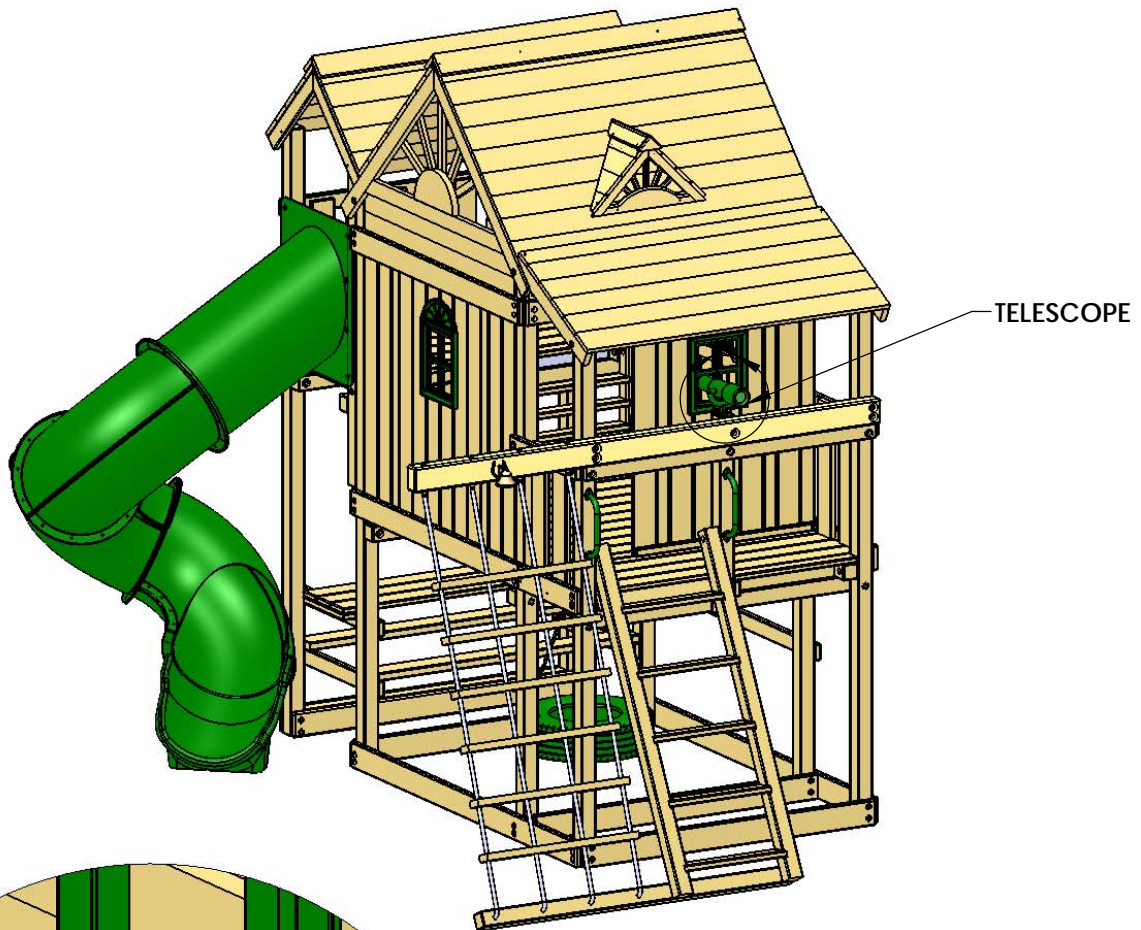


## STEP 42: TELESCOPE

1: WITH THE 1-1/4" WOOD SCREWS PROVIDED IN THE TELESCOPE BAG, FASTEN ONE OF THE CIRCLE TELESCOPE BRACKETS ONTO THE CENTER PORCH POST.

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

3: FASTEN THE REMAINING TELESCOPE BRACKET TO THE OPPOSITE SIDE WITH 1-1/4" WOOD SCREWS.



DETAIL A  
SCALE 1 : 5

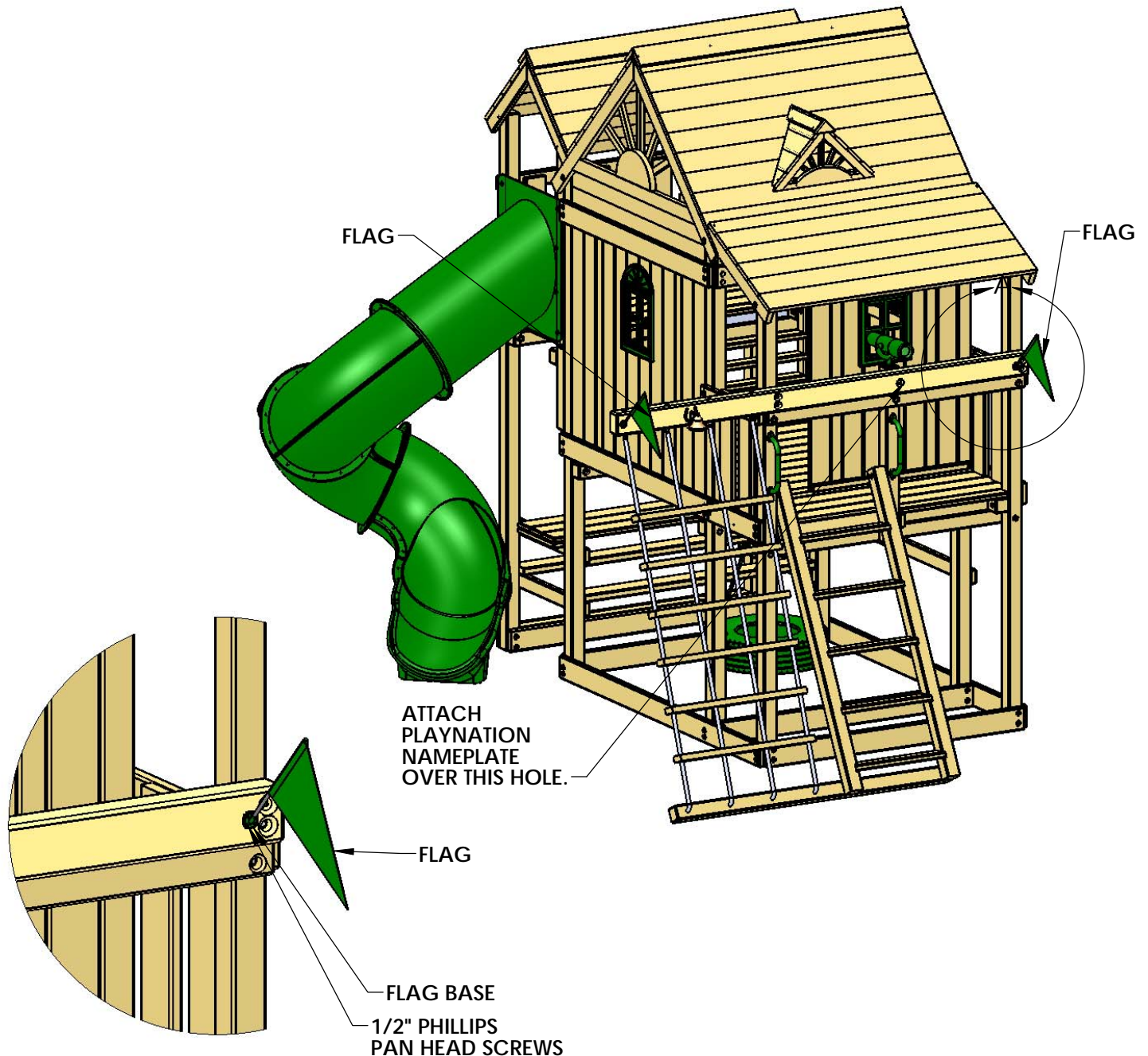


## STEP 43: FLAGS AND NAMEPLATE

1: ATTACH THE PLAYNATION NAMEPLATE CENTERED OVER THE MIDDLE HOLE IN THE ROPE LADDER SUPPORT. ATTACH THE PLAYNATION NAMEPLATE TO THE ROPE LADDER SUPPORT WITH #8 X 1-1/4" WOOD SCREWS.

2: THE PLASTIC FLAG KIT CONSISTS OF ONE FLAG, ONE FLAG BASE AND HARDWARE. THE FLAGS WILL BE INSTALLED ON THE FRONT SIDE OF THE ROPE LADDER SUPPORT; ONE AT EACH END.

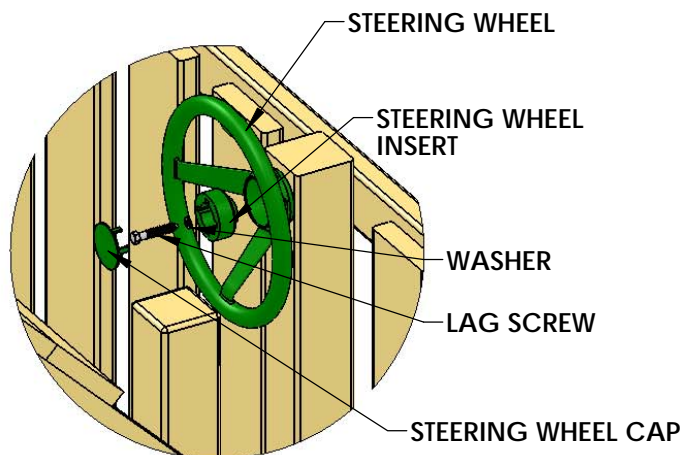
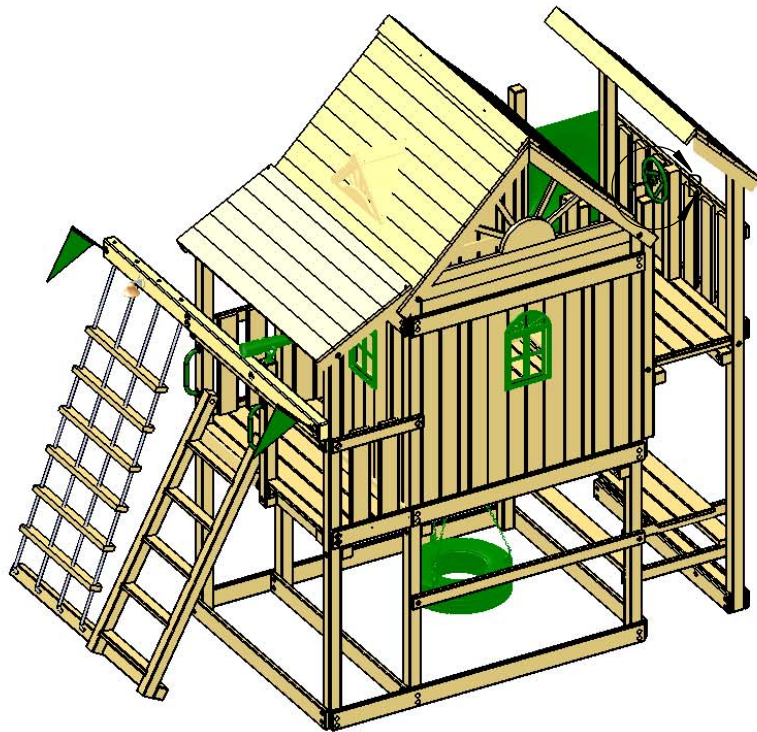
3: NO SPECIFIC MEASUREMENTS ARE NEEDED, BUT THE FLAG BASE MAY BE PLACED 1" FROM THE TOP OF THE BEAM AND 3" FROM THE END. PLACE THE FLAG BASE AGAINST THE BEAM AND SECURE WITH THE 1/2" PHILLIPS PAN HEAD SCREWS PROVIDED. PLACE THE FLAG MAST INTO THE FLAG BASE.



DETAIL A  
SCALE 1 : 14

## STEP 44: 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 4 X 4 CENTER POST ON THE UPPER LEVEL. DO NOT OVER-TIGHTEN THE LAG SCREW OR THE STEERING WHEEL WILL NOT TURN.
- 3: SNAP THE STEERING WHEEL CAP OVER THE CENTER OF THE STEERING WHEEL.



DETAIL B  
SCALE 1 : 10

## STEP 45: SCOOP SLIDE

- 1: PLACE THE SCOOP SLIDE IN THE OPENING ON THE FRONT LEFT OF THE PLAY SET.
- 2: THE NOTCHED AREA ON THE BOTTOM OF THE SCOOP SLIDE WILL FIT ON THE TOP AND FRONT SIDE OF THE DECK SPACER.
- 3: ATTACH THE SCOOP SLIDE TO THE DECK WITH THREE #14 X 1-1/4" PAN HEAD SCREWS.



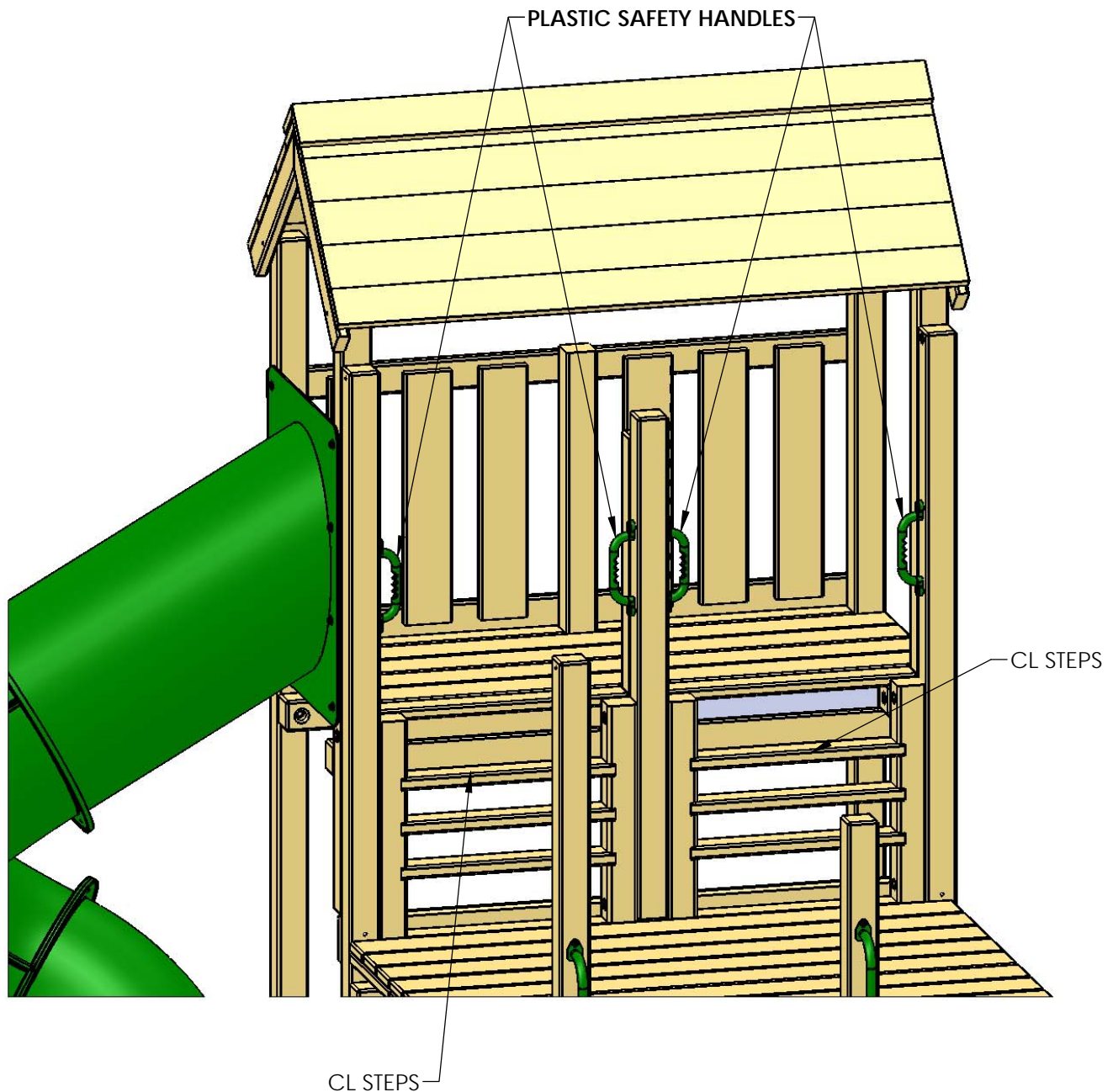


## STEP 46: PLASTIC SAFETY HANDLES

1: PLACE THE PLASTIC SAFETY HANDLES OVER THE CL STEPS AS SHOWN BELOW ON THE CORNER POSTS AND CENTER POST.

2: ADJUST EACH HANDLE UP OR DOWN TO SUIT THE NEEDS OF YOUR CHILD.

3: ATTACH EACH SAFETY HANDLE WITH THE PROVIDED PAN HEAD SCREWS AND WASHERS INCLUDED WITH THE SAFETY HANDLES.



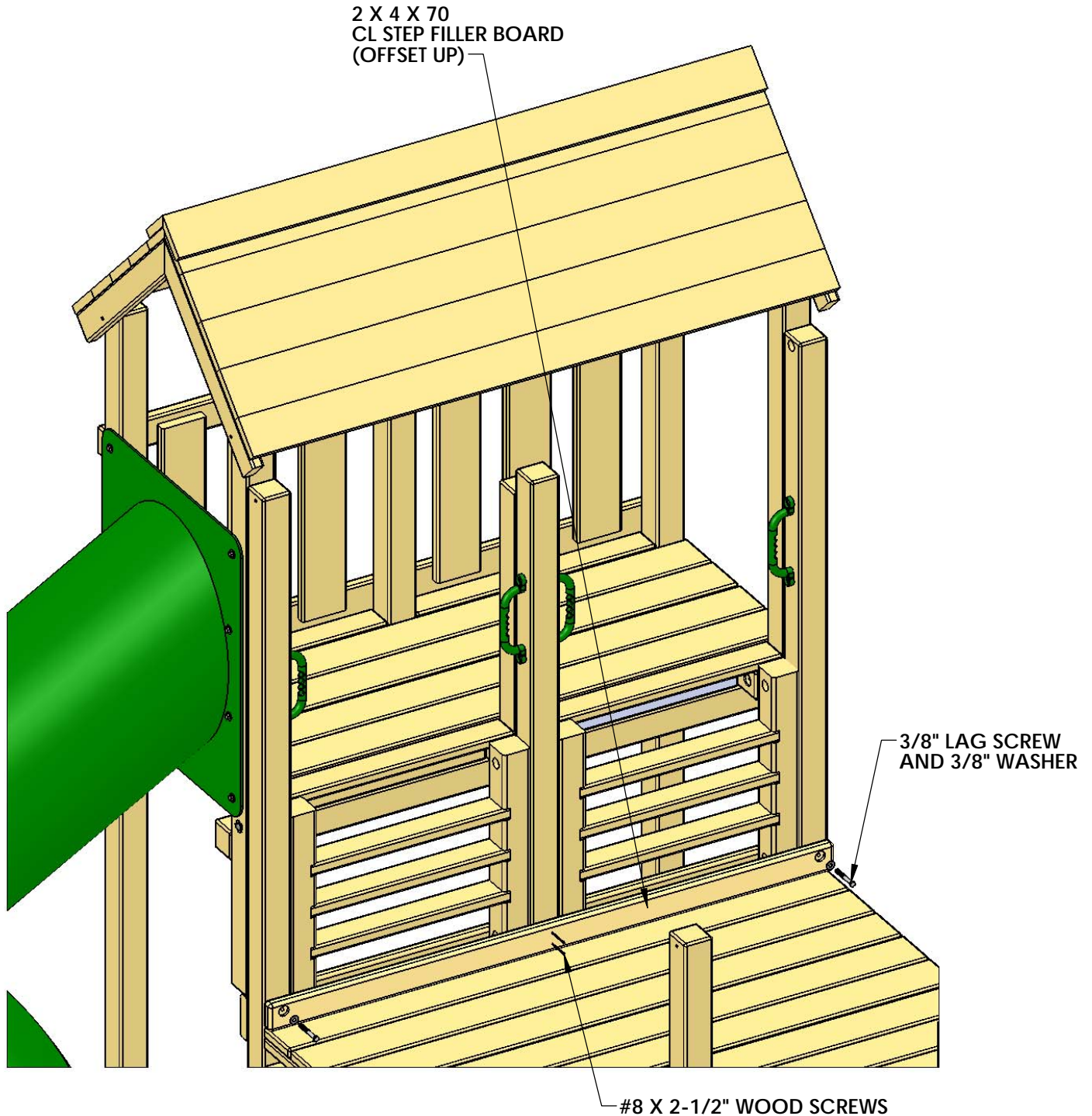


## STEP 47: CL STEP FILLER BOARD

1: PLACE THE 2 X 4 X 70 CL STEP FILLER BOARD ON THE LOWER LEVEL DECK IN FRONT OF THE CL STEPS WITH THE END HOLES OFFSET UP.

2: ATTACH EACH END OF THE CL STEP FILLER BOARD TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

3: ATTACH THE MIDDLE OF THE CL STEP FILLER BOARD TO THE CENTER POST WITH TWO #8 X 2-1/2" WOOD SCREWS.

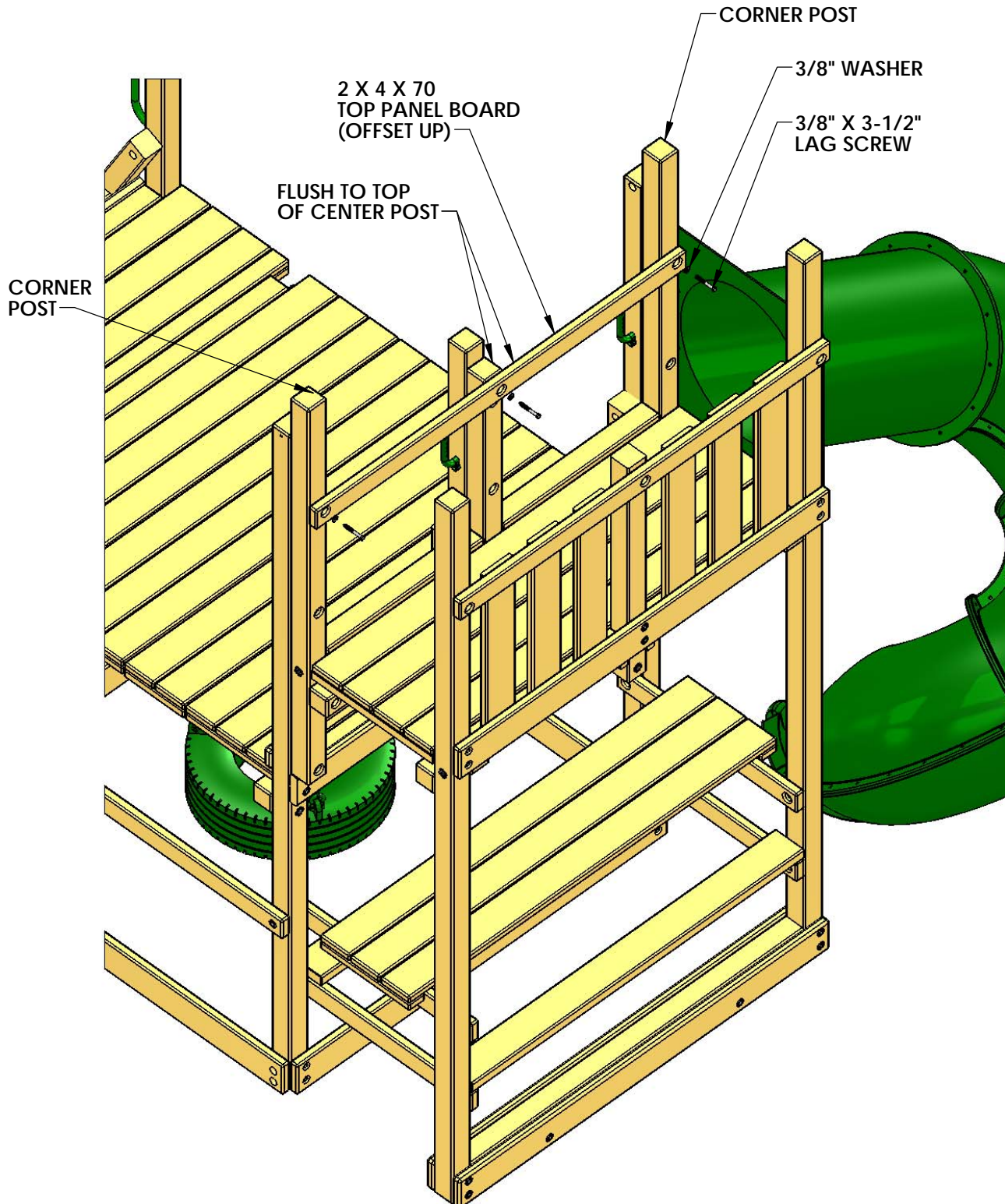


## STEP 48: TOP PANEL BOARD

1: PLACE THE 2 X 4 X 70 TOP PANEL BOARD AGAINST THE CORNER POSTS AND CENTER POST WITH END HOLES OFFSET UP.

2: THE TOP OF THE TOP PANEL BOARD SHOULD BE FLUSH WITH THE TOP OF THE CENTER POST.

3: ATTACH THE TOP PANEL BOARD TO THE CORNER POSTS AND CENTER POST WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.





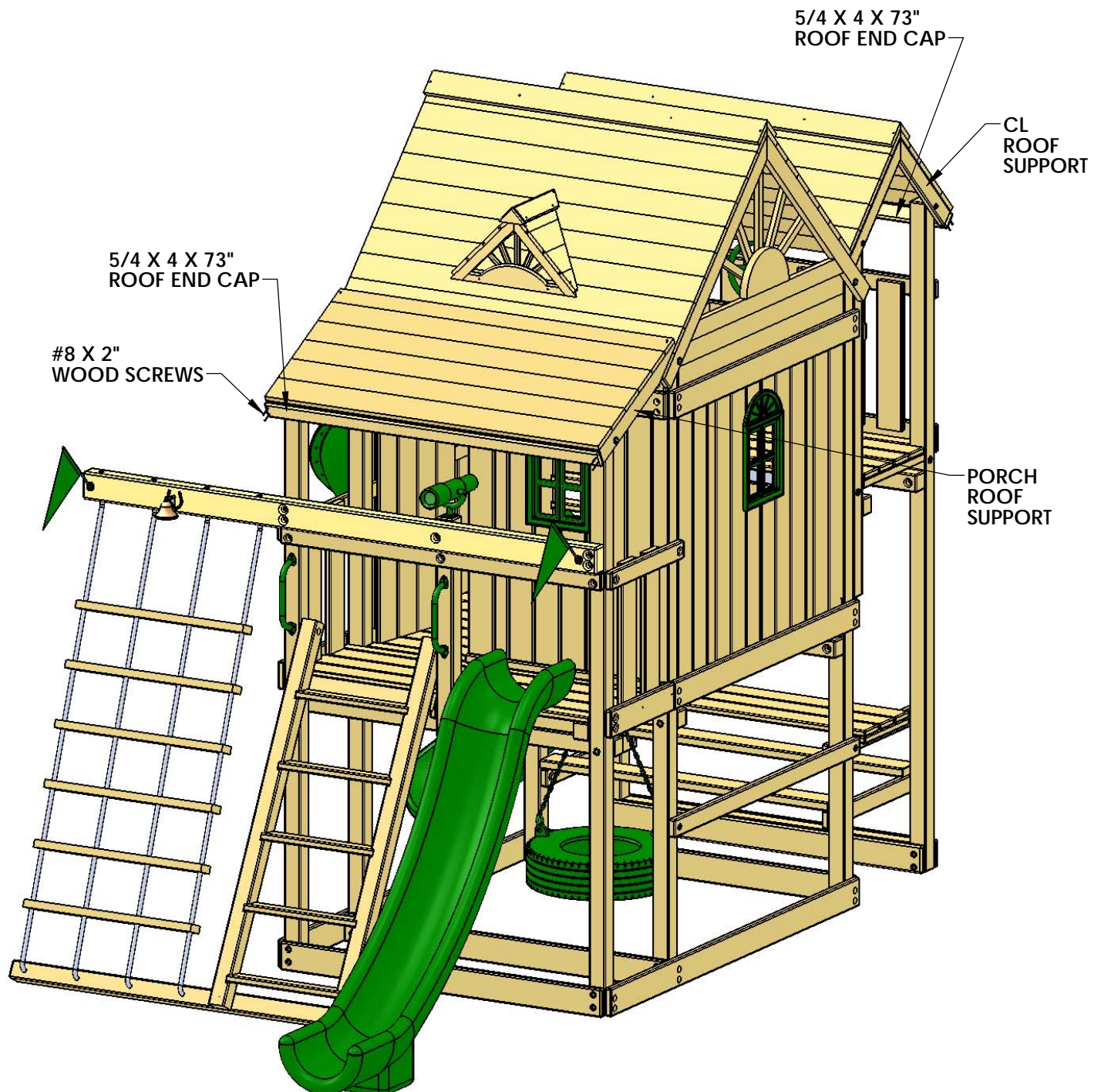
## STEP 49: ROOF END CAPS

1: PLACE A 5/4 X 4 X 73" ROOF END CAP ON THE ENDS OF THE PORCH ROOF SUPPORTS AT THE FRONT OF THE PLAY SET.

2: ATTACH THE ROOF END CAP TO THE PORCH ROOF SUPPORTS WITH #8 X 2" WOOD SCREWS.

3: PLACE A 5/4 X 4 X 73" ROOF END CAP ON THE ENDS OF THE CL ROOF SUPPORTS AT THE REAR OF THE PLAY SET.

4: ATTACH THE ROOF END CAP TO THE CL ROOF SUPPORTS WITH #8 X 2" WOOD SCREWS.

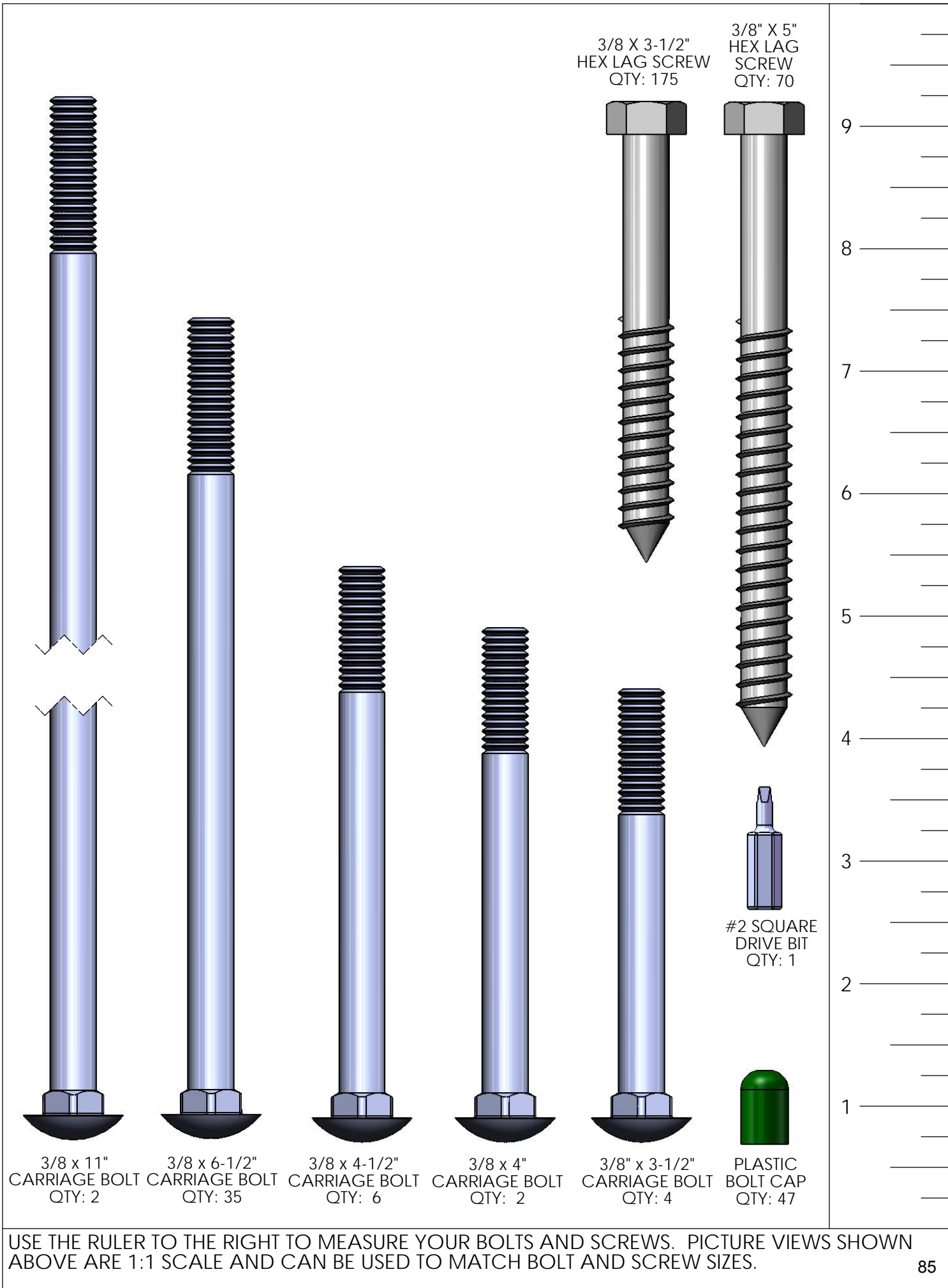


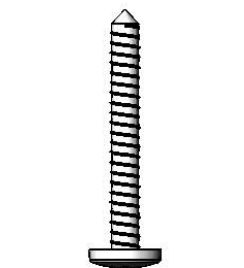
**NOW SKIP TO STEP 8**  
**FOR UNIT C ON PAGE 111.**



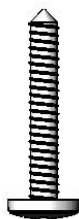
# **UNIT C**

**(RIGHT SIDE UNIT as you are standing in front of play set looking at the front.)**





#14 X 1-1/4"  
PAN HEAD SCREW  
QTY: 8



#8 x 1"  
PAN HEAD SCREW  
QTY: 4

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



#8 X 1-1/2"  
WOOD SCREW  
QTY: 370



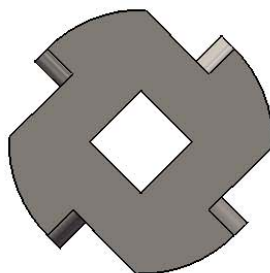
#8 X 2"  
WOOD SCREW  
QTY: 436



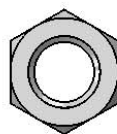
#8 X 2-1/2"  
WOOD SCREW  
QTY: 16



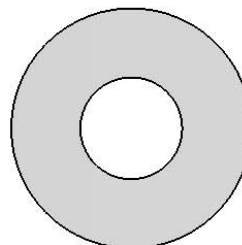
#8 X 3"  
WOOD SCREW  
QTY: 12



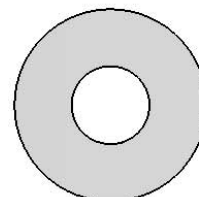
TORQUE WASHER  
QTY: 45



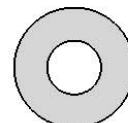
3/8" LOCK NUT  
QTY: 49



1/2" WASHER  
QTY: 4



3/8" WASHER  
QTY: 294



1/4" WASHER  
QTY: 8

9

8

7

6

5

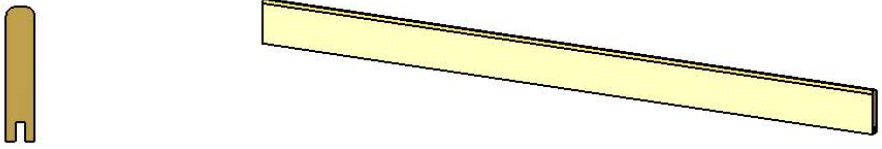
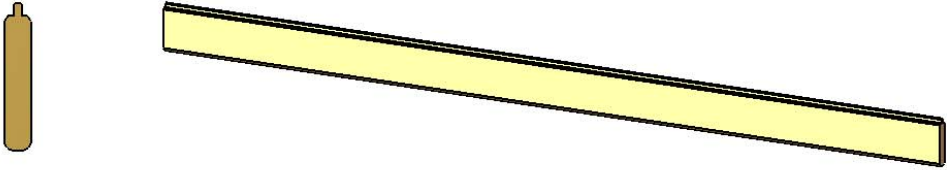
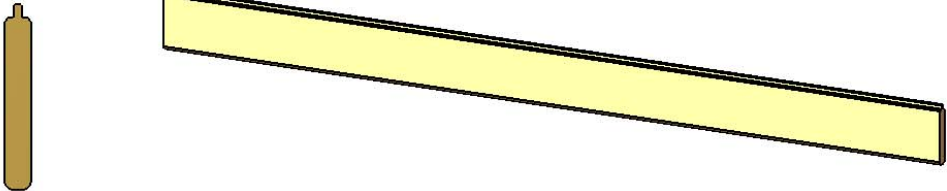
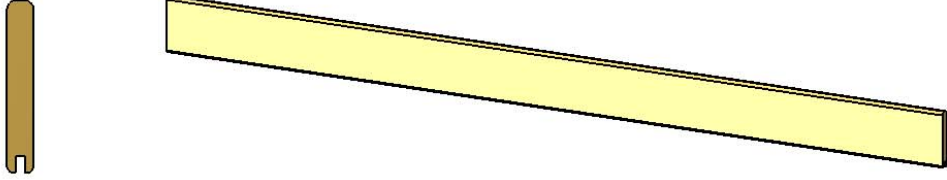
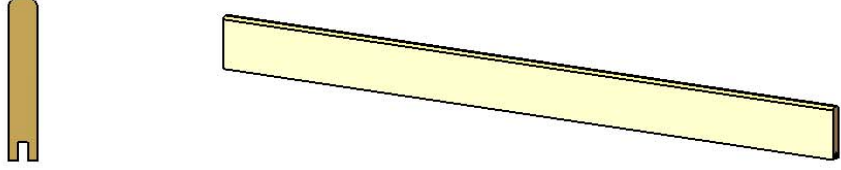
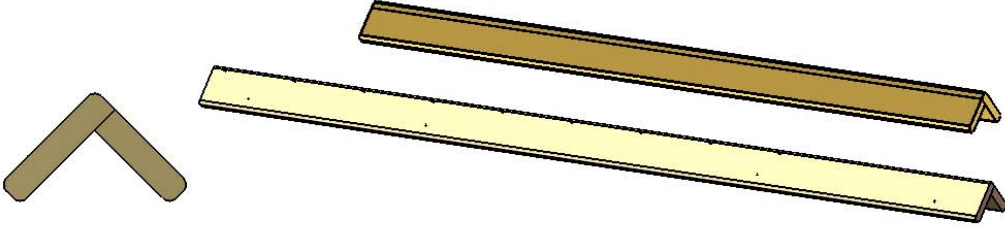
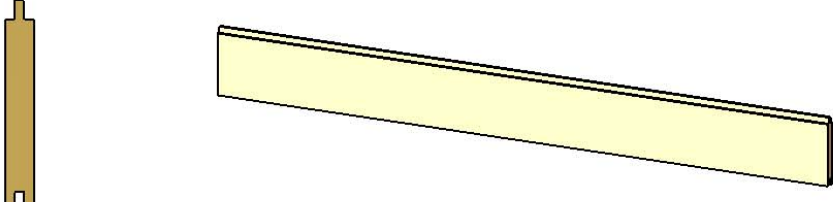
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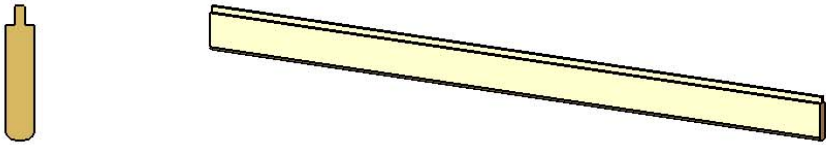
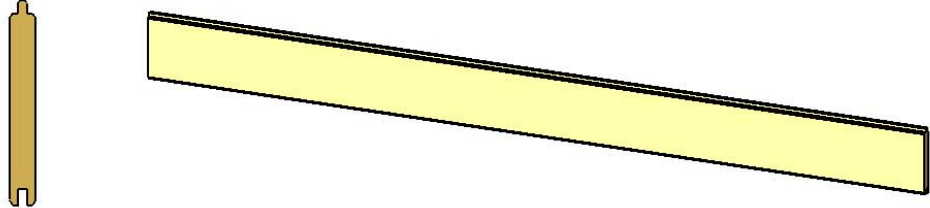
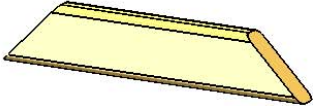
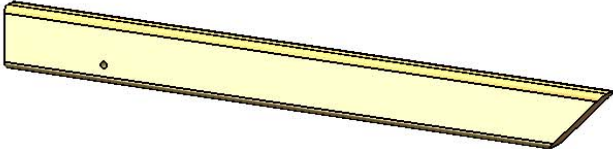
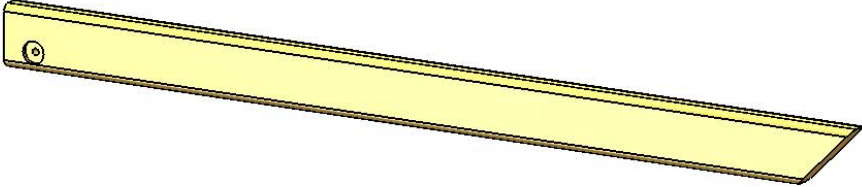
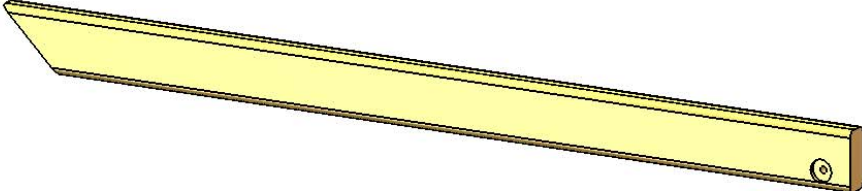
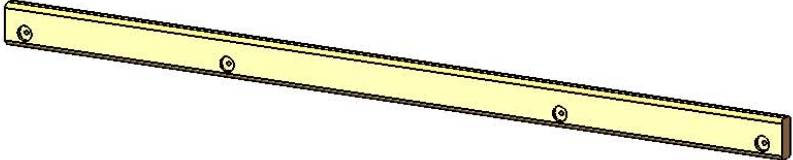
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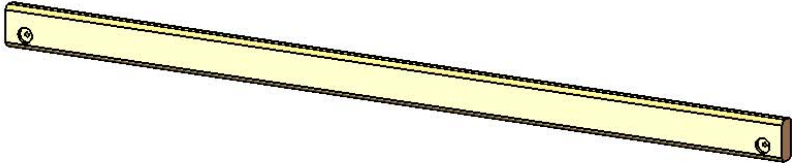
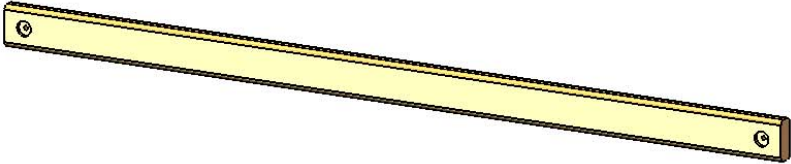
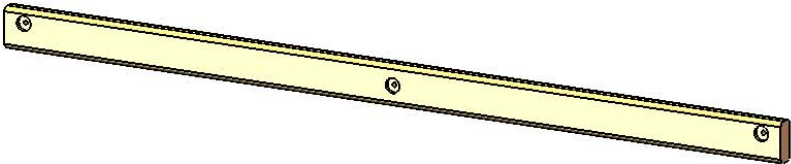
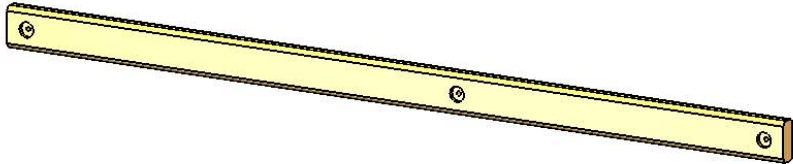
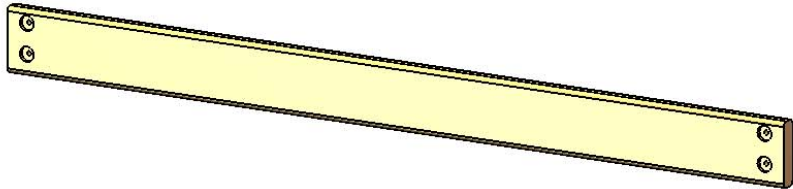
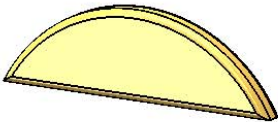
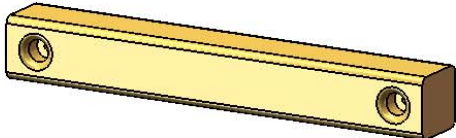
1

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 55" ROOF STARTER (GROOVE ONLY)	<b>1</b>
	1 X 3-1/2 X 70" ROOF FINISHER (TONGUE ONLY)	<b>1</b>
	1 X 4-1/2 X 70" ROOF FINISHER (TONGUE ONLY)	<b>3</b>
	1 X 4-1/2 X 70" ROOF STARTER (GROOVE ONLY)	<b>4</b>
	1 X 5 X 55" ROOF STARTER (GROOVE ONLY)	<b>1</b>
	3-1/2 X 3-1/2 X 55" ROOF PEAK  1 X 5 X 70" ROOF PEAK	<b>1</b>  <b>2</b>
	1 X 6 X 55" ROOF BOARD (TONGUE AND GROOVE)	<b>12</b>



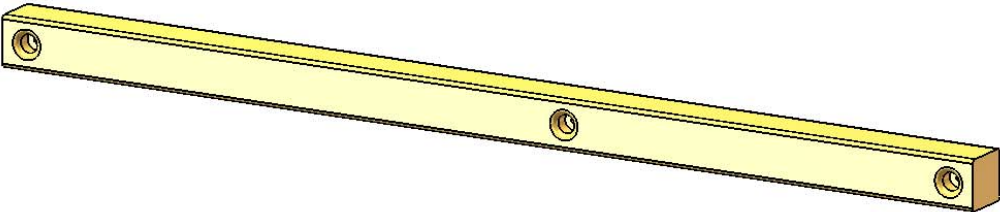
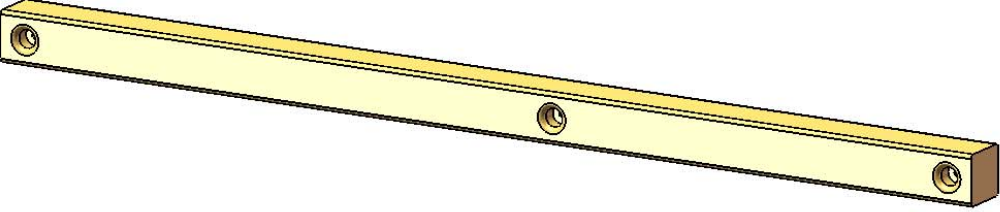
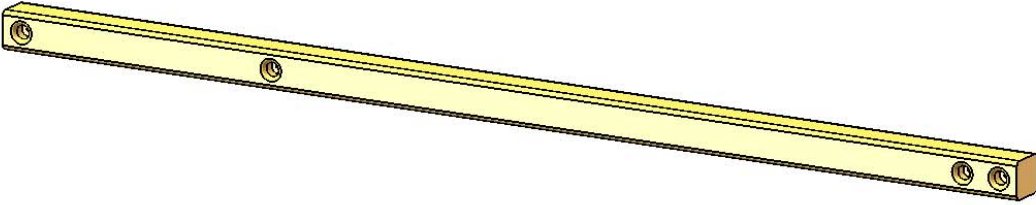
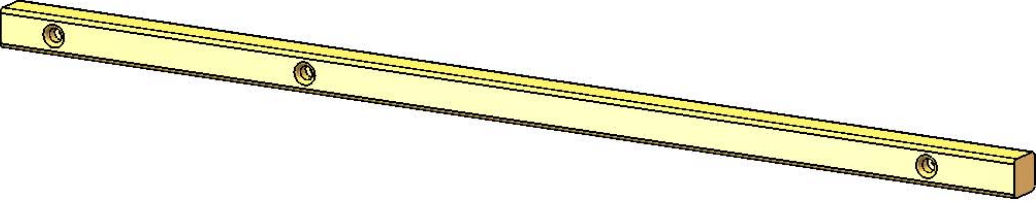
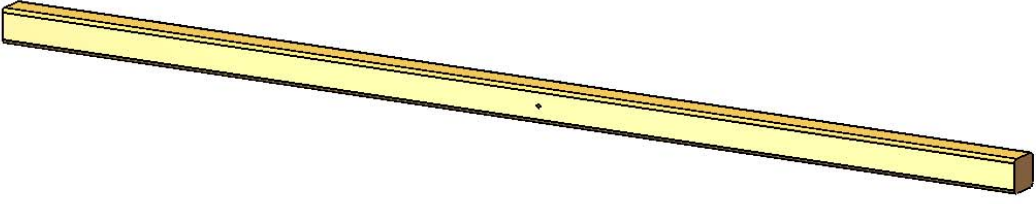
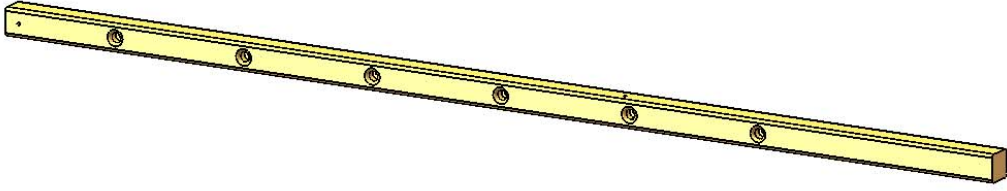
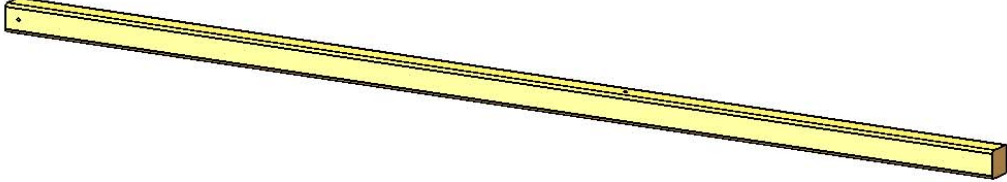
PICTURE	DESCRIPTION	QTY.
	1 X 3 X 55" ROOF FINISHER (TONGUE ONLY)	<b>2</b>
	1 X 6 X 70" ROOF BOARD (TONGUE AND GROOVE)	<b>35</b>
	2 X 4 X 18" RAMP POST SUPPORT	<b>4</b>
	2 X 4 X 36" ROOF SUPPORT	<b>4</b>
	2 X 4 X 51" ROOF SUPPORT - RIGHT	<b>4</b>
	2 X 4 X 51" ROOF SUPPORT - LEFT	<b>4</b>
	2 X 4 X 70" CENTER DECK SUPPORT	<b>2</b>

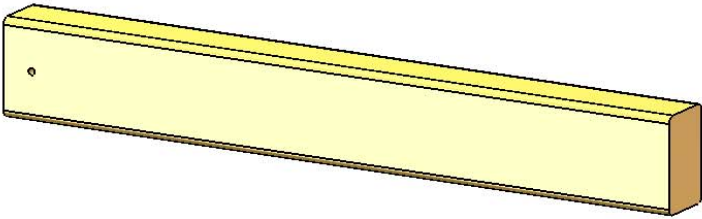
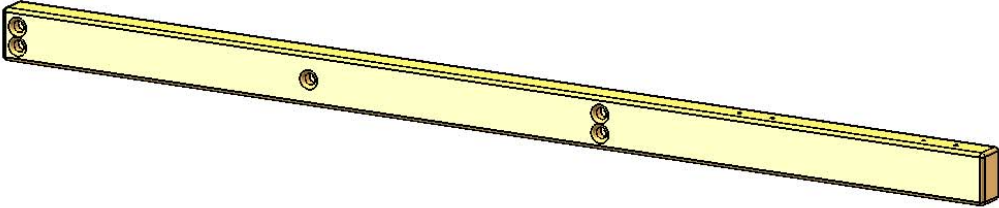
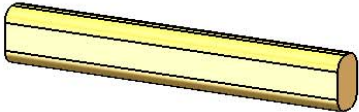
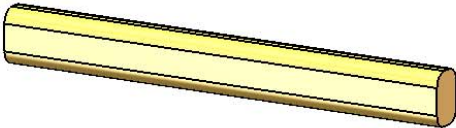
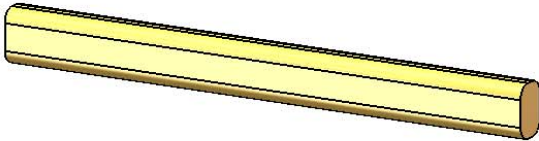
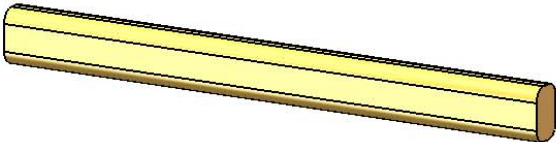
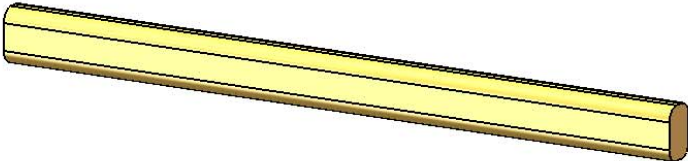
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	2 X 4 X 70" SAFETY BOARD	<b>1</b>
	2 X 4 X 70" TOP PANEL BOARD	<b>2</b>
	2 X 4 X 70" SLIDE SAFETY BOARD	<b>1</b>
	2 X 6 X 70" SANDBOX BOARD	<b>4</b>
	2 X 6 X 16" SUN	<b>3</b>
	4 X 4 X 25" BLOCK	<b>8</b>

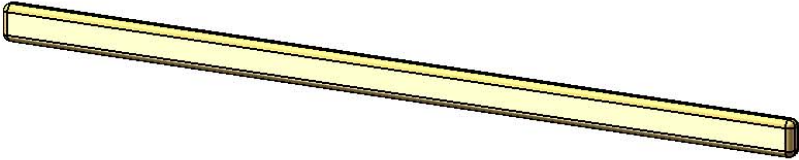
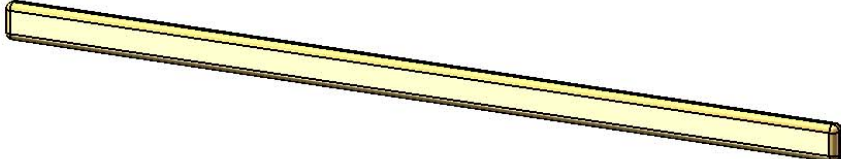
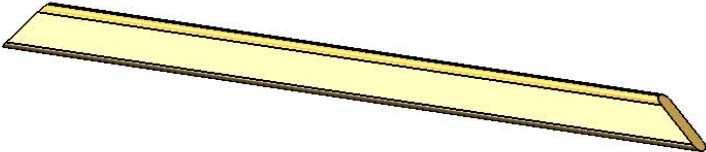
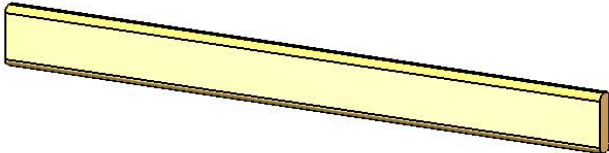
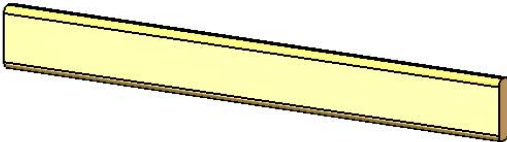
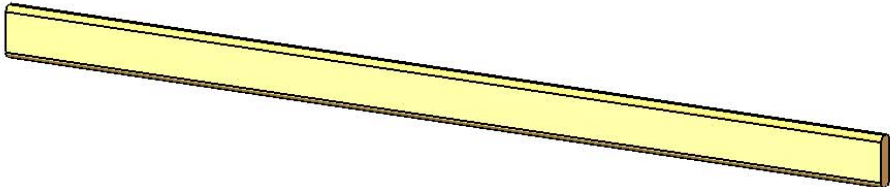
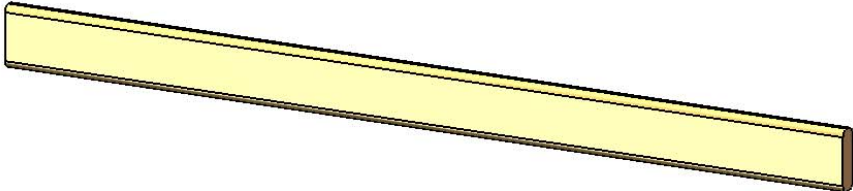
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	4 X 4 X 28-1/4" FILLER BOARD	2
	4 X 4 X 32-3/4" CL CENTER POST	1
	4 X 4 X 34-3/4" CORNER POST	2
	4 X 4 X 36" RAMP POST	2
	4 X 4 X 36-3/4" RAMP CROSSMEMBER	1
	4 X 4 X 37-3/8" CL CENTER POST	1
	4 X 4 X 42" CENTER POST	1

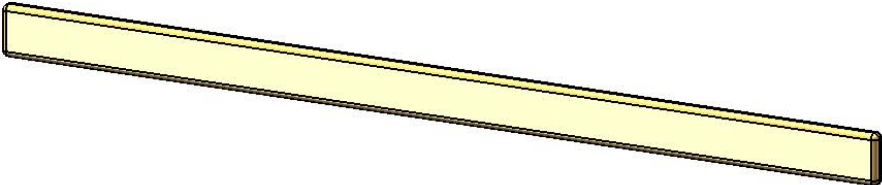
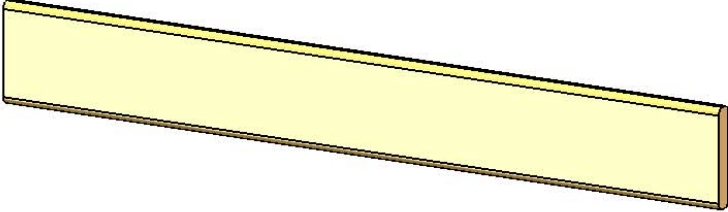
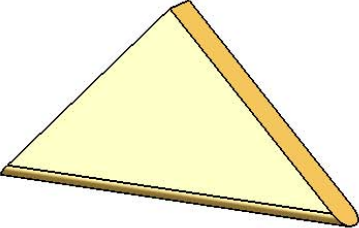
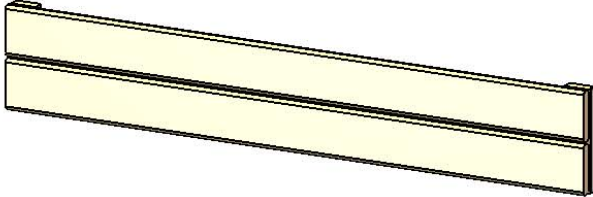
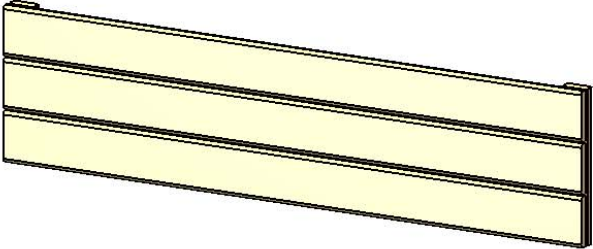
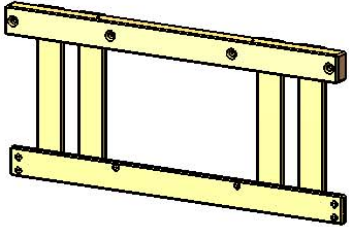
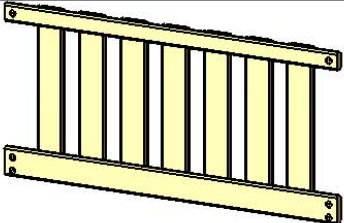
PICTURE	DESCRIPTION	QTY.
	4 X 4 X 53" CENTER LAG POST	1
	4 X 4 X 54" CORNER POST - LEFT	2
	4 X 4 X 54" CORNER POST - RIGHT	2
	4 X 4 X 62- 3/4" TIRE SWING SUPPORT	1
	4 X 4 X 66-1/2" PORCH POST	2
	4 X 4 X 70" BLOCK SUPPORT (5 HOLES)	4
	4 X 4 X 70" DECK SUPPORT CL LOWER DECK SUPPORT LOWER DECK SUPPORT	5



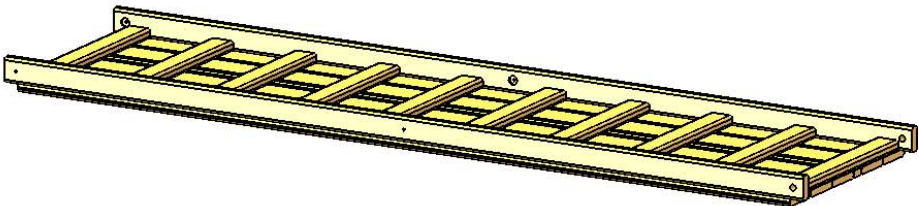
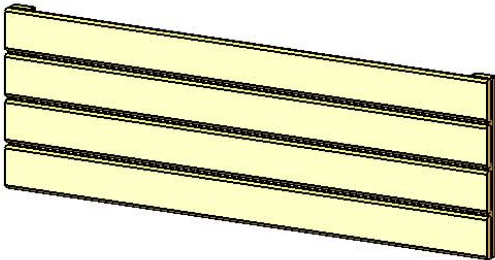
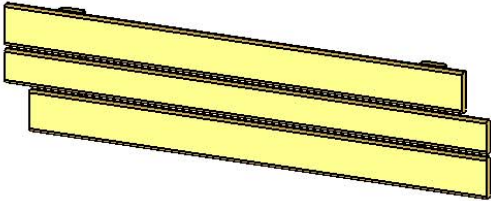
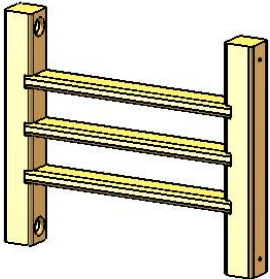
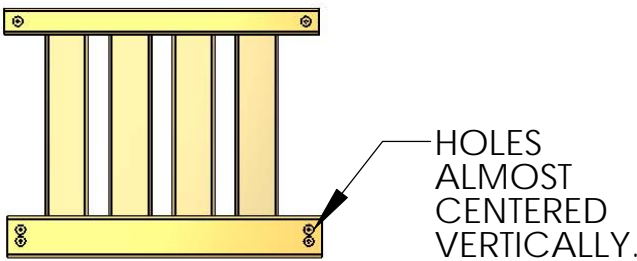
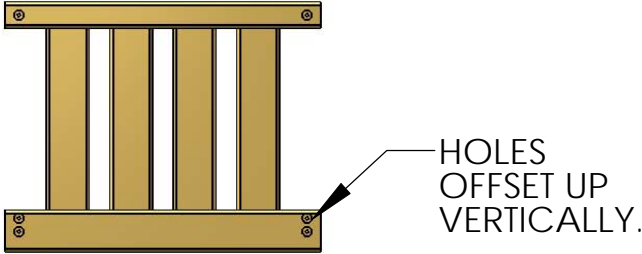
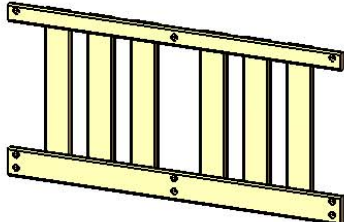
PICTURE	DESCRIPTION	QTY.
	4 X 4 X 70 TUBE SIDE DECK SUPPORT	<b>1</b>
	4 X 4 X 70 BRIDGE SIDE DECK SUPPORT	<b>1</b>
	4 X 4 X 97-1/2" PLAYHOUSE DECK SUPPORT	<b>2</b>
	4 X 4 X 97-1/2" PLAYHOUSE CENTER DECK SUPPORT	<b>1</b>
	4 X 4 X 109-1/2" CORNER POST	<b>4</b>
	4 X 4 X 130-1/2" LAG POST	<b>2</b>
	4 X 4 X 130-1/2" CL CORNER POST	<b>2</b>

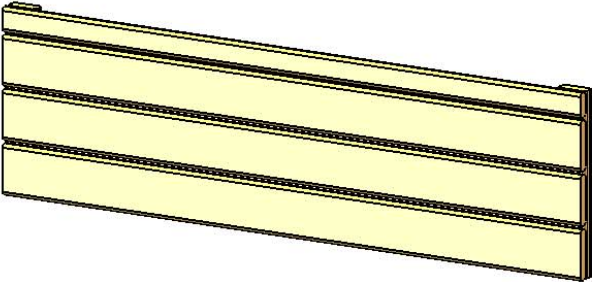

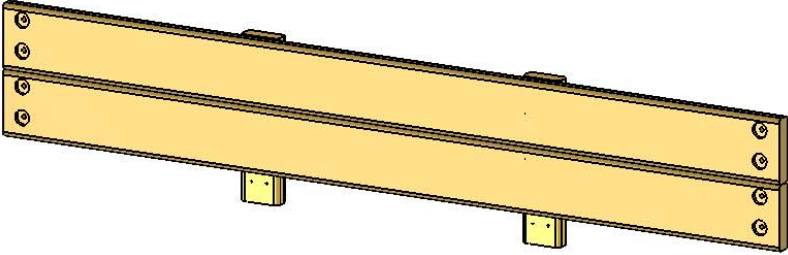
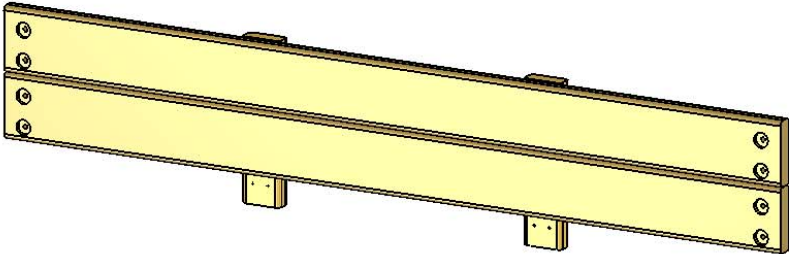

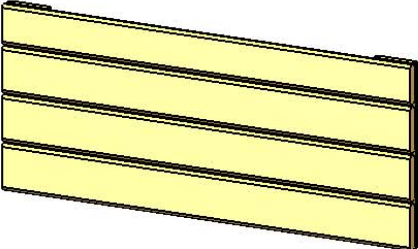
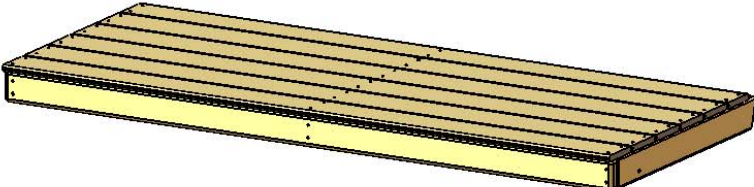
PICTURE	DESCRIPTION	QTY.
	4 X 6 X 40" BRIDGE POST TUBE SLIDE POST	<b>2</b>
	4 X 6 X 112" TRAPEZE ARM	<b>1</b>
	5/4 X 2 X 10 SMALL RAY	<b>18</b>
	5/4 X 2 X 13 SMALL RAY	<b>2</b>
	5/4 X 2 X 15-1/2" MEDIUM RAY	<b>2</b>
	5/4 X 2 X 16 LARGE RAY	<b>3</b>
	5/4 X 2 X 20 LARGE RAY	<b>1</b>

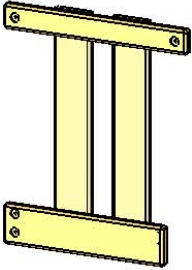
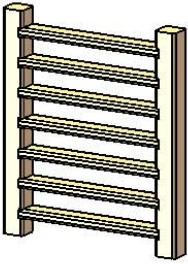
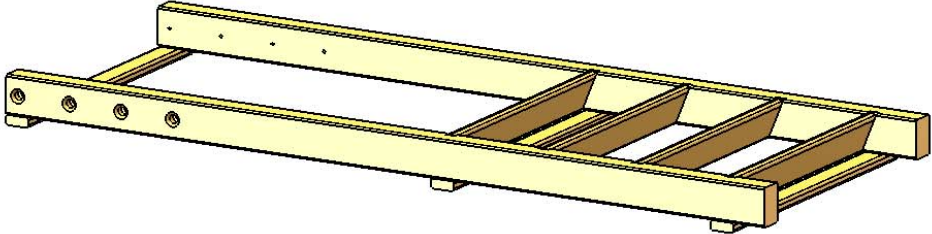
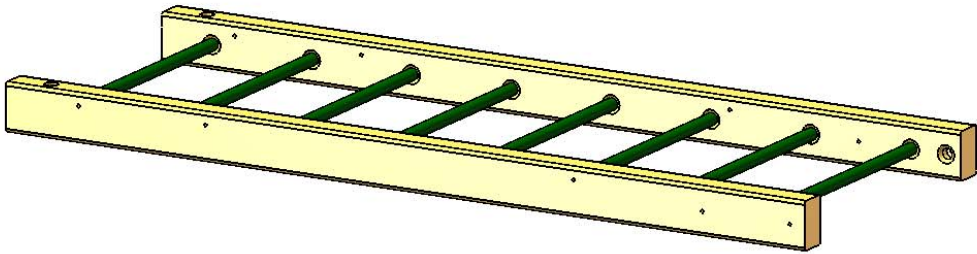
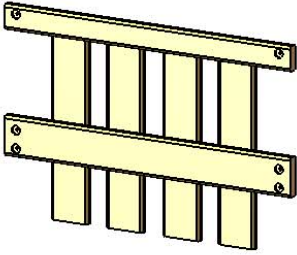
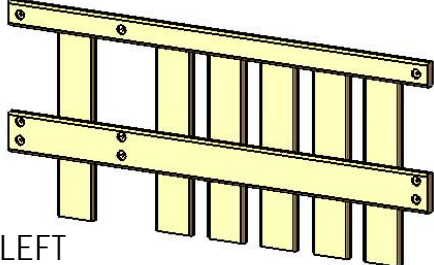
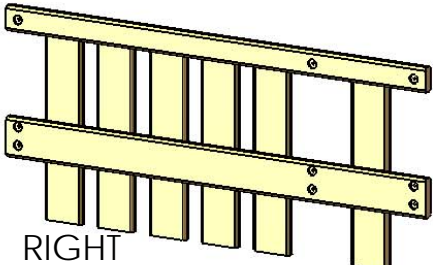
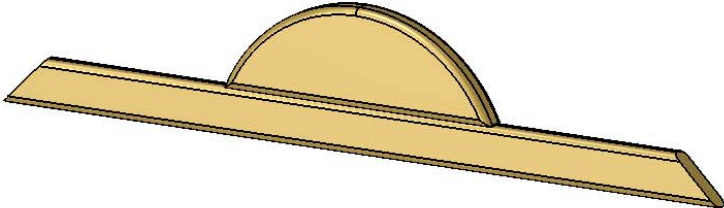
PICTURE	DESCRIPTION	QTY.
	5/4 X 2 X 47-1/2" ROOF CENTER STRINGER	<b>1</b>
	5/4 X 2 X 50" ROOF CENTER STRINGER	<b>3</b>
	5/4 X 2-5/8 X 42" SUN SUPPORT	<b>3</b>
	5/4 X 3-1/4 X 35-3/4" DECK SPACER	<b>3</b>
	5/4 X 3-1/2" X 29-3/4" DECK SPACER	<b>8</b>
	5/4 X 3-1/2 X 62-3/4" DECK SPACER	<b>4</b>
	5/4 X 4 X 50-3/8" ROOF END CAP	<b>2</b>

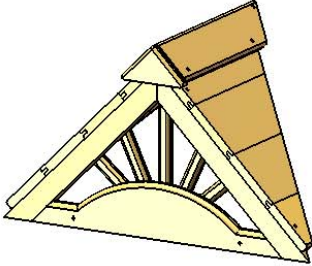
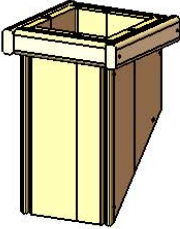


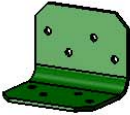
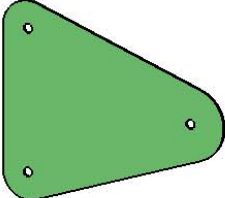
PICTURE	DESCRIPTION	QTY.
	5/4 X 4 X 63-1/8" ROOF END CAP	<b>3</b>
	5/4 X 5-1/2" X 43" DECK BOARD	<b>10</b>
	5/4 X 6 X 10-1/2" ROOF PEAK SUPPORT	<b>6</b>
	2-3/8" X 11-1/4" X 69-1/2" DECK PANEL (2 BOARD)	<b>2</b>
	2-3/8" X 16-7/8" X 69-1/2" DECK PANEL (3 BOARD)	<b>6</b>
	4-3/8" X 32-1/2" X 70" MONKEY BAR PANEL	<b>1</b>
	2-3/8" X 32-1/2" X 70" SIDE PANEL  PORCH PANEL PLAYHOUSE PANEL	<b>3</b>      95



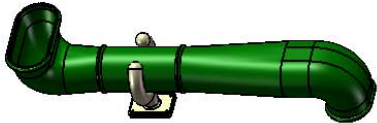

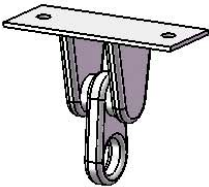



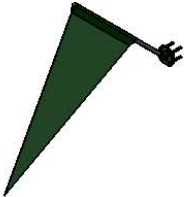
PICTURE	DESCRIPTION	QTY.
	4-3/8" X 29-13/16" X 120" CLIMBING RAMP DECK ASSEMBLY	1
	2-3/8" X 23-1/4" X 69-1/2" DECK PANEL (4 BOARD)	2
	2-3/8" X 16" X 69-1/2" DECK PANEL (3 BOARD OFFSET)	1
	3-3/8" X 25"H X 30"W CL STEPS	2
	2-3/8" X 32-1/2" X 41" CL SIDE PANEL (NEAR BRIDGE)	1
	2-3/8" X 32-1/2" X 41" TUBE SIDE PANEL	1
	2-3/8" X 32-1/2" X 70" POST PANEL	1





PICTURE	DESCRIPTION	QTY.
	2-3/8" X 20-1/4" X 69-1/2" DECK PANEL (3-1/2 BOARD)	<b>1</b>
	2-3/8" X 63-3/4" X 70" WALL PANEL	<b>2</b>
	2-3/4" X 13-1/2" X 70" CLOSE OUT PANEL (HOLES OFFSET UP)	<b>2</b>
	2-3/4" X 13-1/2" X 70" FILLER PANEL (HOLES OFFSET DOWN)	<b>1</b>
	2-3/8" X 60-1/4" X 70" DOOR PANEL	<b>1</b>
	2" X 22" X 54" DOOR	<b>1</b>
	4" X 30-1/2" X 73" ROOF PANEL (BACK PORCH)	<b>1</b>

PICTURE	DESCRIPTION	QTY.
	2-3/8" X 32-1/2"H X 27-1/2"W PORCH SIDE PANEL	<b>1</b>
	3-3/8" X 29"W X 34"H SKY LOFT LADDER	<b>1</b>
	6-3/4" X 42-7/8" X 114" MONKEY BAR LADDER	<b>1</b>
	5-3/8" X 35-7/8" X 96" MONKEY BAR RUNNER	<b>1</b>
	2-3/8" X 28-1/2"H X 43"W REAR WALL PANEL	<b>1</b>
<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>LEFT</p> </div> <div style="text-align: center;">  <p>RIGHT</p> </div> </div>	3-3/8" X 28-1/2"H X 63"W SKY LOFT SIDE WALL PANEL LEFT AND RIGHT	<b>1L 1R</b>
	8" X 43" SUN ASSEMBLY (SKY LOFT)	<b>1</b>

PICTURE	DESCRIPTION	QTY.
	DORMER (UNASSEMBLED)	<b>1</b>
	CHIMNEY (UNASSEMBLED)	<b>1</b>
	TIRE SWIVEL	<b>1</b>
(NOT SHOWN)	1/2" X 15FT BLUE ROPE	<b>2PC</b>
	SUPER TUBE SLIDE	<b>1</b>
	28-0001 BRACKET	<b>1</b>
	MONKEY BAR PLATE	<b>2</b>



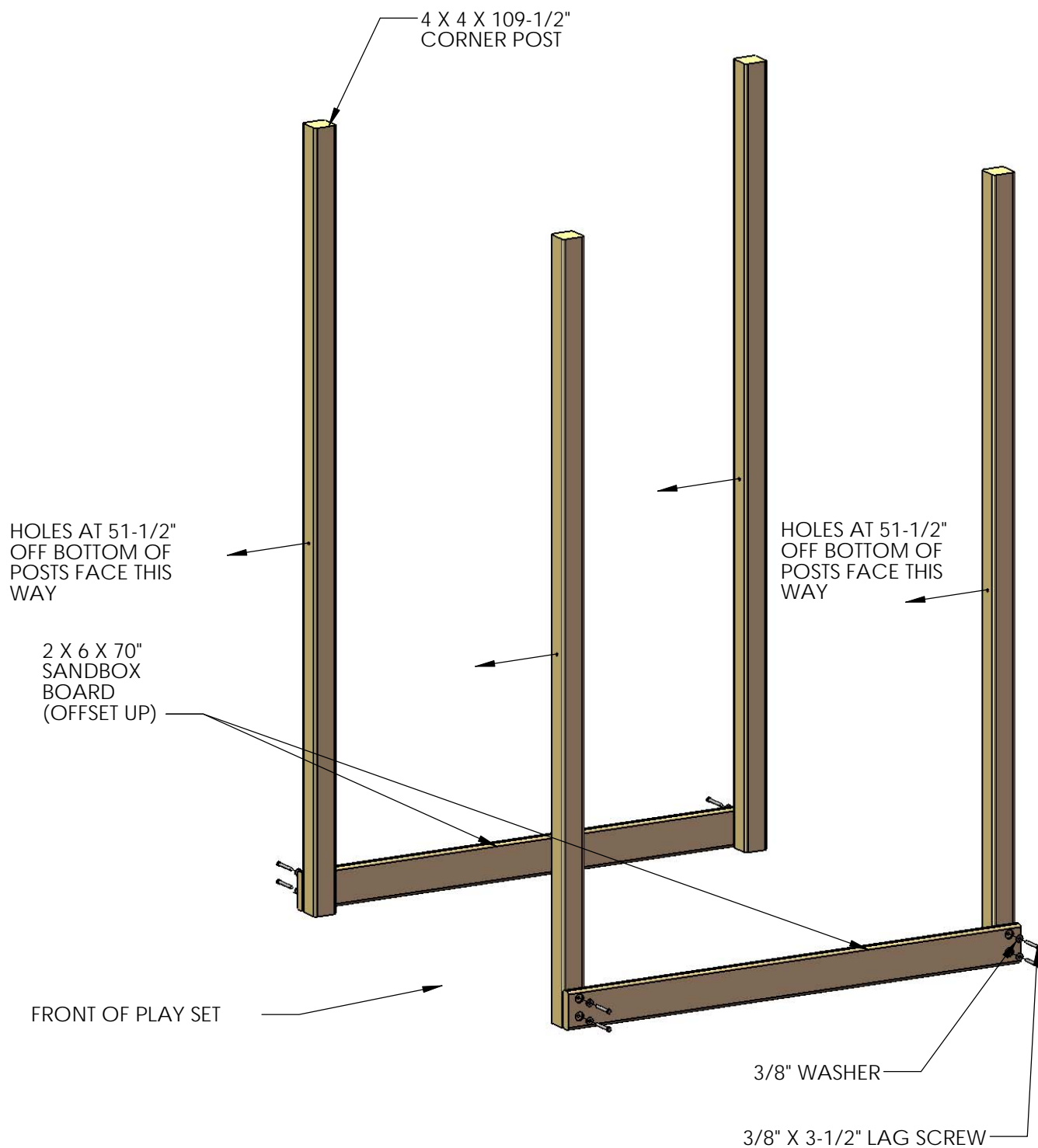
PICTURE	DESCRIPTION	QTY.
	PERISCOPE	1
	METAL SAFETY HANDLE	4
	IRON DUCTILE SWING HANGER	2
	PLASTIC SAFETY HANDLES (PAIR)	2
	STEERING WHEEL	1
	BINOCULARS	1
	FLAG KIT (PAIR)	1

PICTURE	DESCRIPTION	QTY.
	SPRING CLIP	5
	TRAPEZE BAR WITH CHAINS	1
	TIRE SWING WITH CHAINS	1
	PLAYNATION LOGO PLATE	1
		101

## STEP 1: CORNER POSTS

1: PLACE THE 2 X 6 X 70" SANDBOX BOARDS FLUSH WITH THE BOTTOM AND SIDES OF THE 4 X 4 X 109-1/2" CORNER POSTS. NOTE DIRECTION OF HOLES AT 51-1/2" OFF BOTTOM OF POSTS.

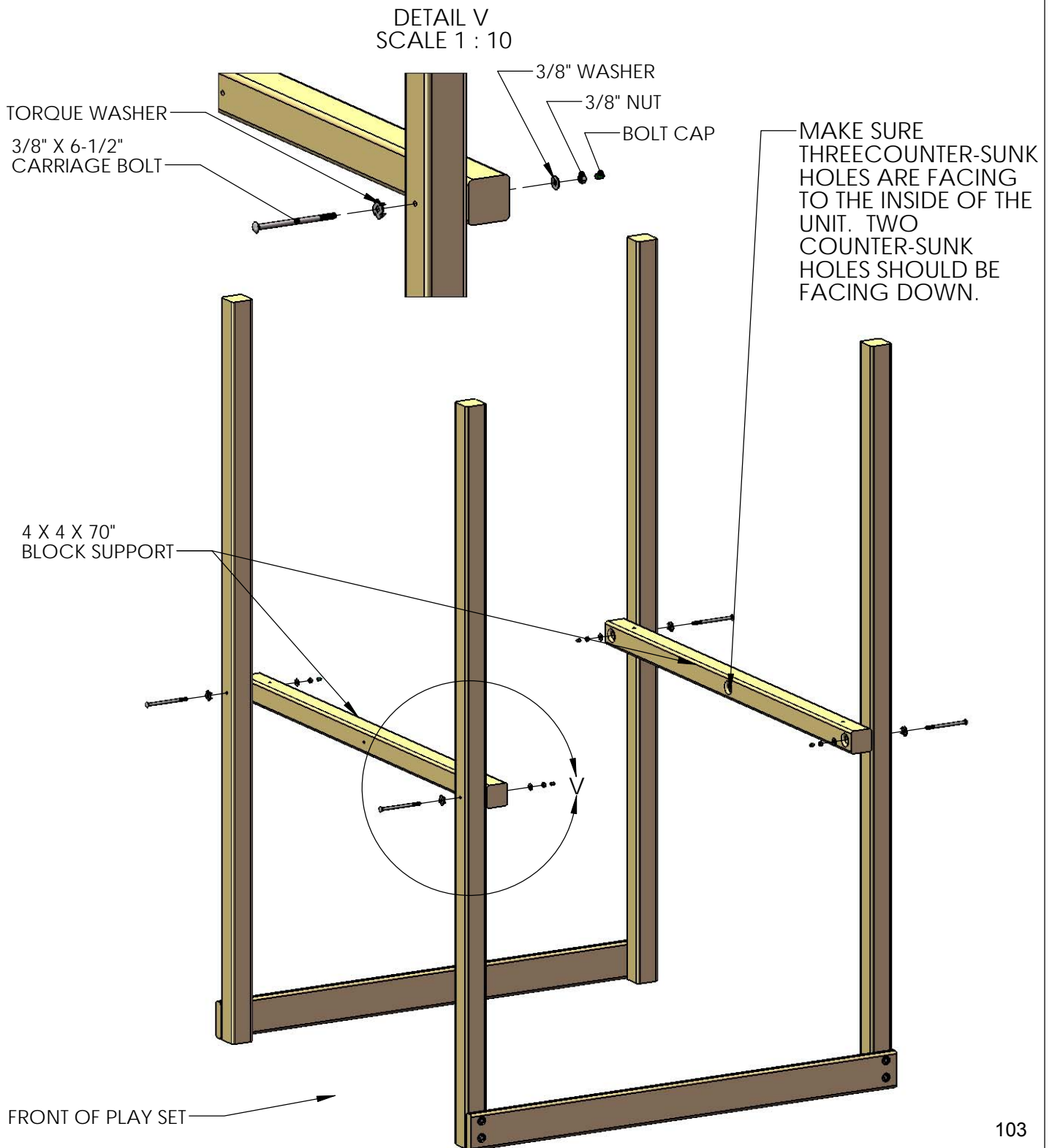
2: ATTACH THE SANDBOX BOARD (OFFSET UP) TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 2: BLOCK SUPPORTS

1: PLACE THE 4 X 4 X 70" BLOCK SUPPORTS FLUSH TO THE INSIDE OF THE CORNER POSTS, LINING UP THE PILOT HOLES. MAKE SURE THREE COUNTER-SUNK HOLES ARE FACING TO THE INSIDE OF THE UNIT. TWO COUNTER-SUNK HOLES SHOULD BE FACING DOWN.

2: FASTEN THE BLOCK SUPPORTS TO THE CORNER POSTS WITH 3/8" X 6-1/2" CARRIAGE BOLTS WITH TORQUE WASHERS ON THE OUTSIDE AND 3/8" NUTS WITH 3/8" WASHERS ON THE INSIDE. PLACE BOLT CAPS OVER EXPOSED THREADS.

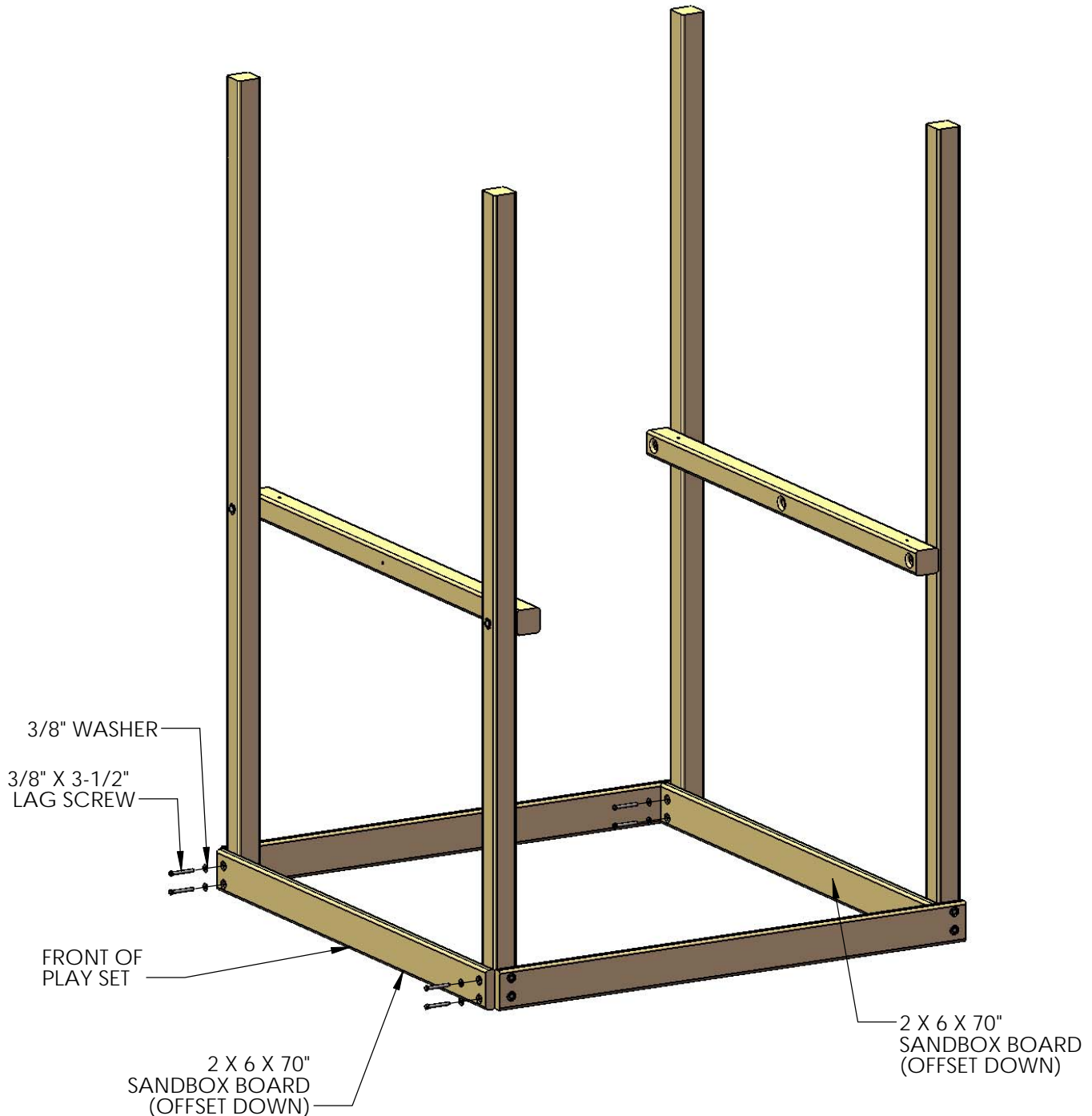




## STEP 3: SANDBOX BOARDS

1: PLACE THE 2 X 6 X 70" SANDBOX BOARD (OFFSET DOWN) FLUSH WITH THE BOTTOM OF THE CORNER POSTS ON THE INSIDE OF THE UNIT. FASTEN THE SANDBOX BOARD TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

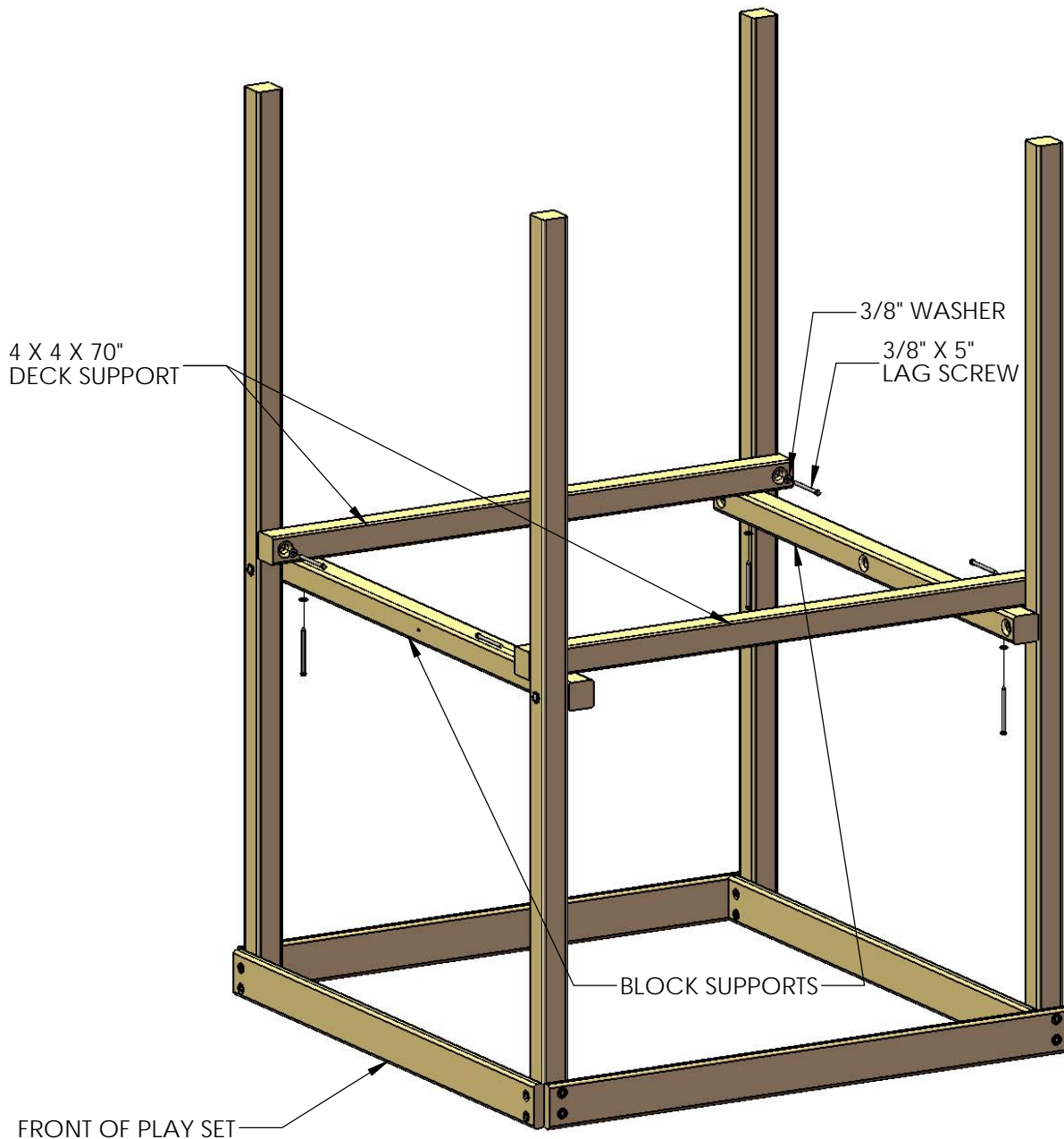
2: PLACE THE 2 X 6 X 70" SANDBOX BOARD (OFFSET DOWN) FLUSH WITH THE BOTTOM OF THE CORNER POSTS ON THE OUTSIDE OF THE UNIT. FASTEN THE SANDBOX BOARD TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 4: DECK SUPPORTS

1: PLACE THE 4 X 4 X 70" DECK SUPPORTS FLUSH TO THE INSIDE OF THE CORNER POSTS, ON TOP OF THE BLOCK SUPPORTS. THE COUNTER-SUNK HOLES IN THE DECK SUPPORTS FACE THE INSIDE OF THE CORNER POSTS.

2: FASTEN THE DECK SUPPORTS TO THE CORNER POSTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS FROM THE INSIDE. FASTEN DECK SUPPORTS TO THE BLOCK SUPPORTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS FROM UNDERNEATH.



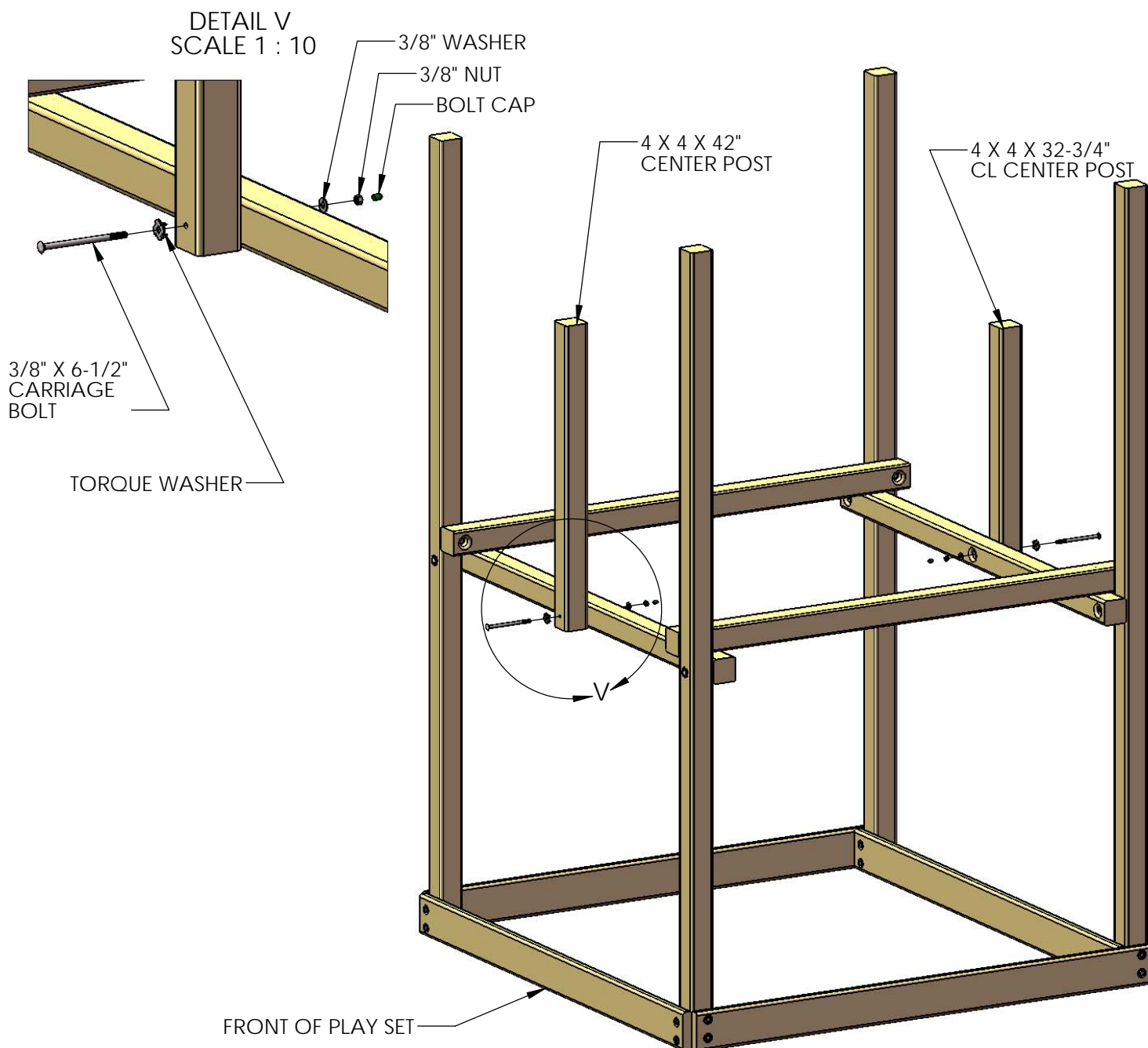
## STEP 5: CENTER POSTS

1: PLACE THE 4 X 4 X 42" CENTER POST FLUSH WITH THE BOTTOM OF THE BLOCK SUPPORT ON THE FRONT OF THE PLAY SET, LINING UP THE PILOT HOLES AT THE CENTER OF THE BLOCK SUPPORT.

2: FASTEN THE 4 X 4 X 42" CENTER POST TO THE BLOCK SUPPORT WITH A 3/8" X 6-1/2" CARRIAGE BOLT WITH A TORQUE WASHER ON THE OUTSIDE, AND A 3/8" WASHER WITH A 3/8" LOCK NUT ON THE INSIDE. PLACE A BOLT CAP OVER EXPOSED THREADS.

3: PLACE THE 4 X 4 X 32-3/4" CENTER POST FLUSH WITH THE BOTTOM OF THE BLOCK SUPPORT ON THE REAR OF THE PLAY SET, LINING UP THE PILOT HOLES AT THE CENTER OF THE BLOCK SUPPORT.

2: FASTEN THE 4 X 4 X 32-3/4" CENTER POST TO THE BLOCK SUPPORT WITH A 3/8" X 6-1/2" CARRIAGE BOLT WITH A TORQUE WASHER ON THE OUTSIDE, AND A 3/8" WASHER WITH A 3/8" LOCK NUT ON THE INSIDE. PLACE A BOLT CAP OVER EXPOSED THREADS.

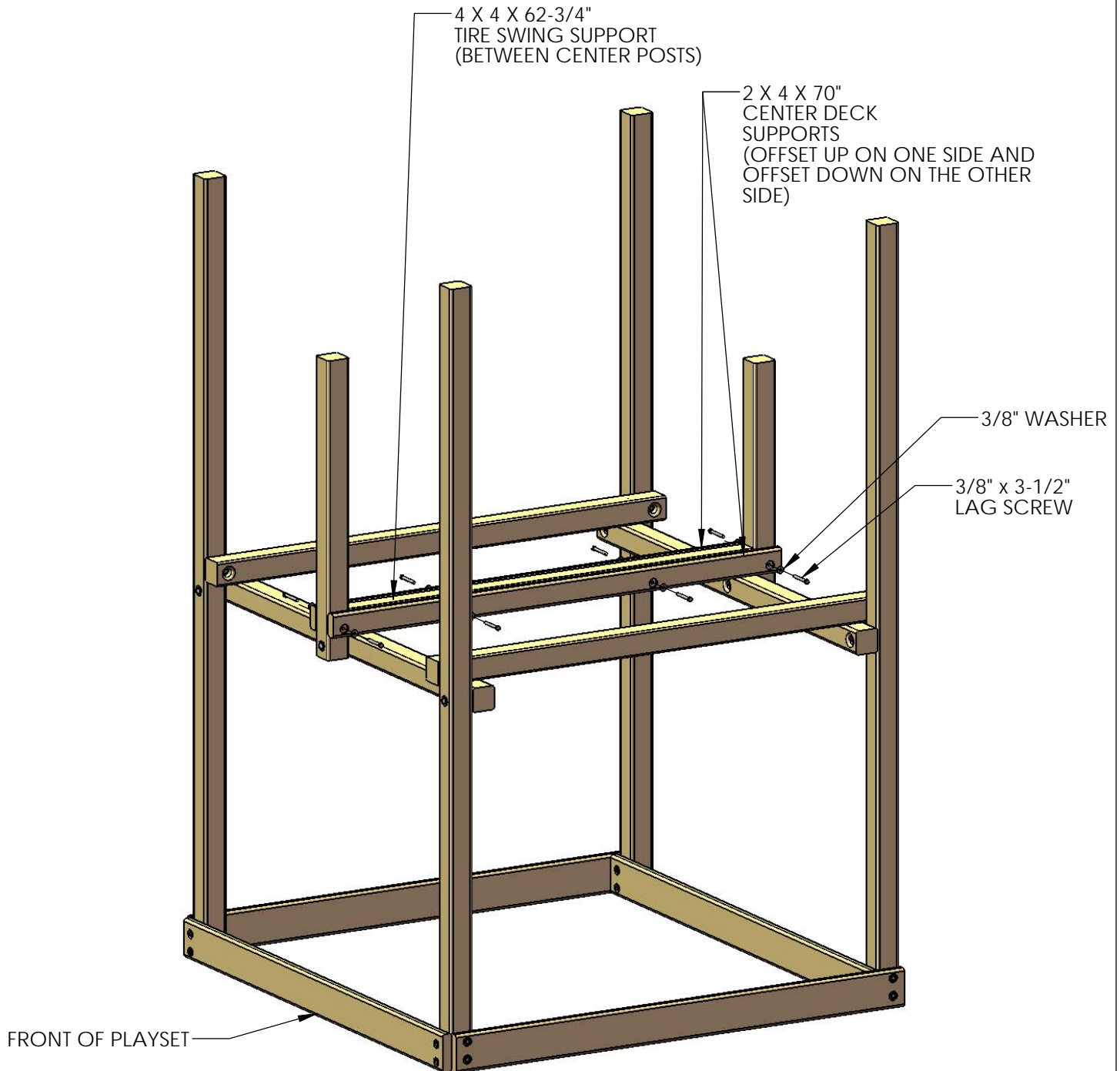


## STEP 6: TIRE SWING SUPPORT

1: PLACE THE 4 X 4 X 62-3/4" TIRE SWING SUPPORT FLUSH ON TOP OF THE BLOCK SUPPORTS, IN LINE WITH THE CENTER POSTS. NO SCREWS ARE NEEDED FOR THE TIRE SWING SUPPORT.

2: PLACE THE 2 X 4 X 70" CENTER DECK SUPPORTS FLUSH AGAINST THE CENTER POSTS, ON TOP OF THE BLOCK SUPPORTS. FASTEN THE CENTER DECK SUPPORTS TO THE CENTER POSTS AND THE TIRE SWING BEAM WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

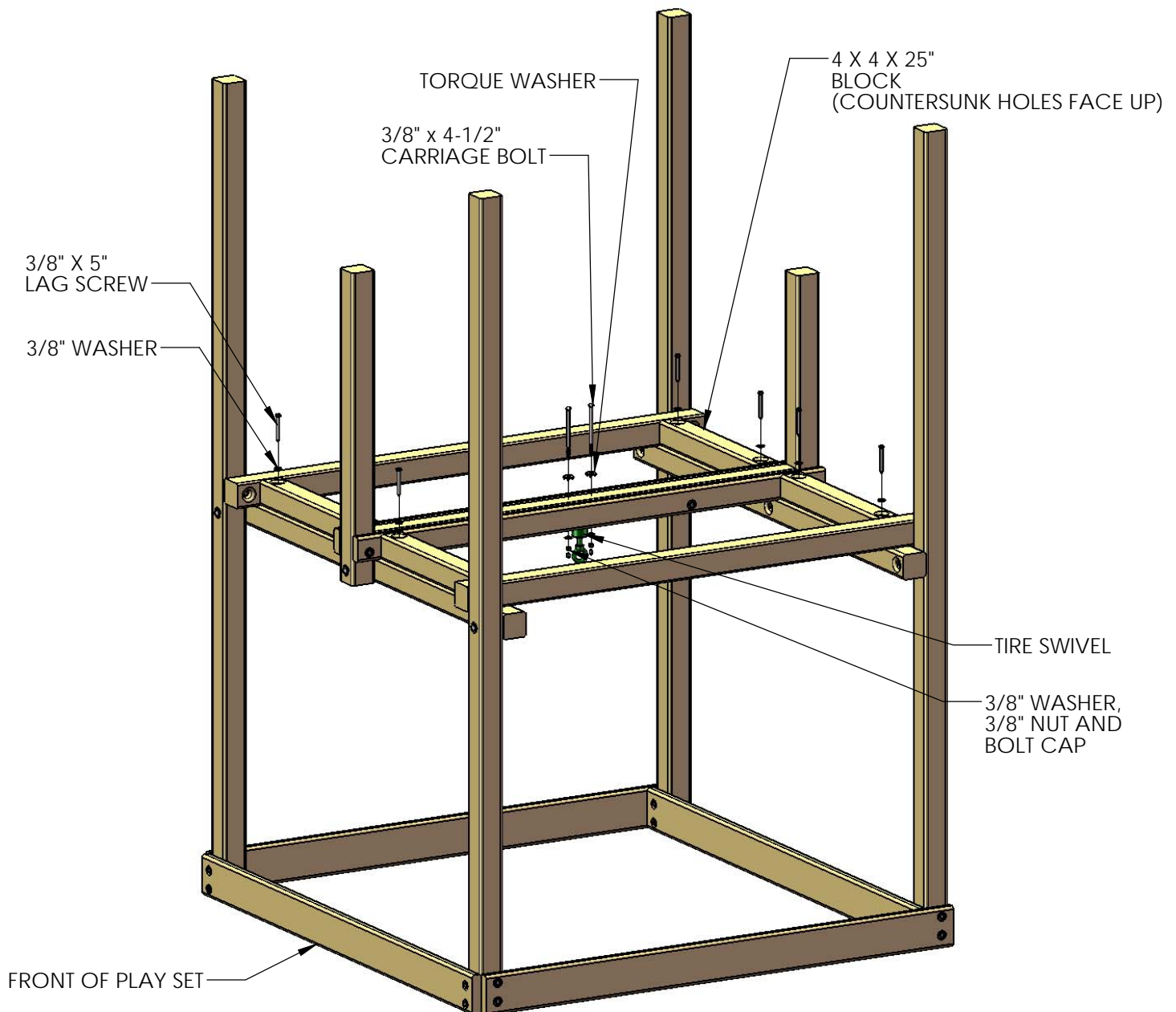
NOTE: THE HOLES OF THE CENTER DECK SUPPORTS ARE OFFSET UP ON ONE SIDE AND OFFSET DOWN ON THE OTHER SIDE.





## STEP 7: BLOCKS AND TIRE SWIVEL

- 1: PLACE FOUR 4 X 4 X 25" BLOCKS FLUSH ON TOP OF THE BLOCK SUPPORTS, BETWEEN THE CENTER AND END DECK SUPPORTS. FASTEN THE BLOCKS TO THE BLOCK SUPPORTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.
- 2: CENTER THE TIRE SWIVEL ON TOP OF THE 4 X 4 X 62-3/4" TIRE SWING SUPPORT.
- 3: MARK THROUGH THE BOLT HOLES OF THE TIRE SWIVEL ONTO THE TIRE SWING SUPPORT.
- 4: REMOVE THE TIRE SWIVEL FROM THE TOP OF THE TIRE SWING SUPPORT.
- 5: DRILL TWO 3/8" PILOT HOLES ON THE MARKS.
- 6: MOUNT THE TIRE SWIVEL TO THE BOTTOM OF THE TIRE SWING SUPPORT WITH TWO 3/8" X 4-1/2" CARRIAGE BOLTS WITH TWO TORQUE WASHERS ON TOP, AND TWO 3/8" NUTS WITH TWO 3/8" WASHERS ON BOTTOM. USE BOLT CAPS TO COVER ANY EXPOSED THREADS.



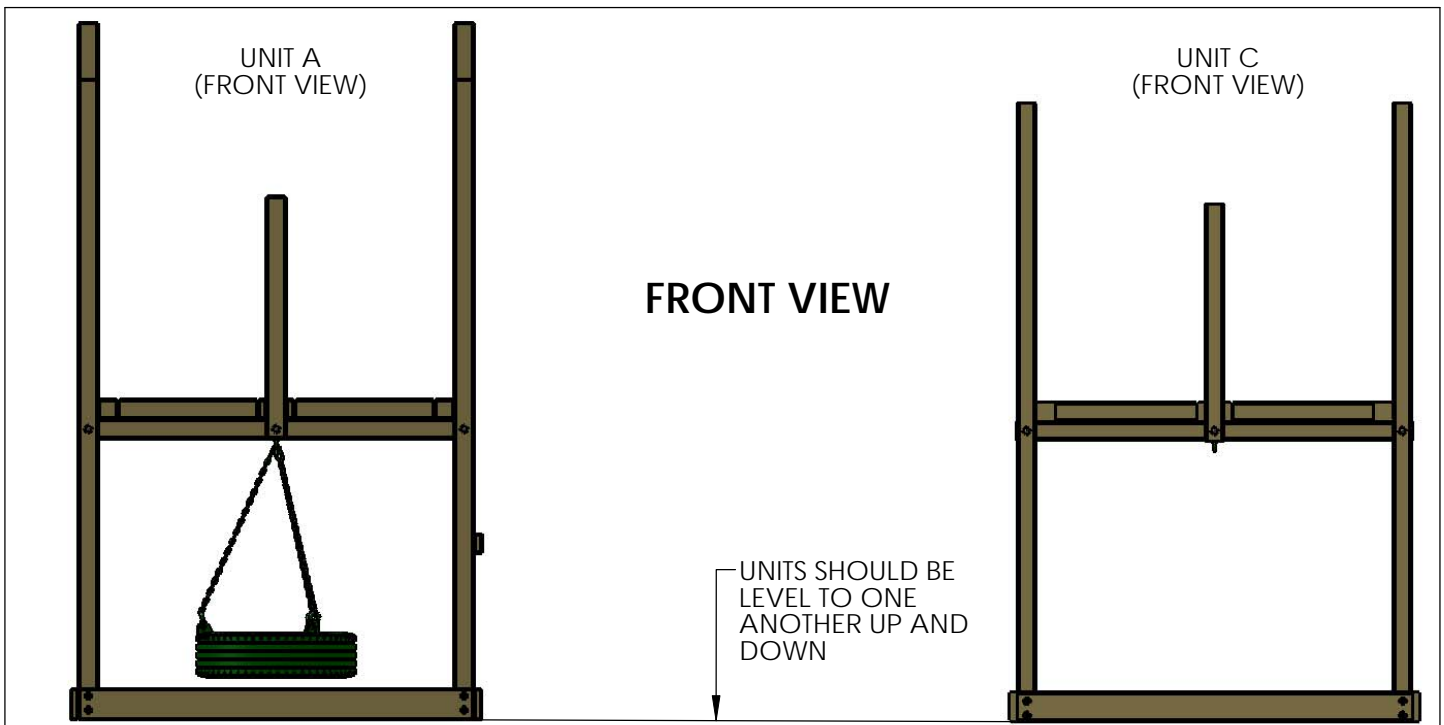
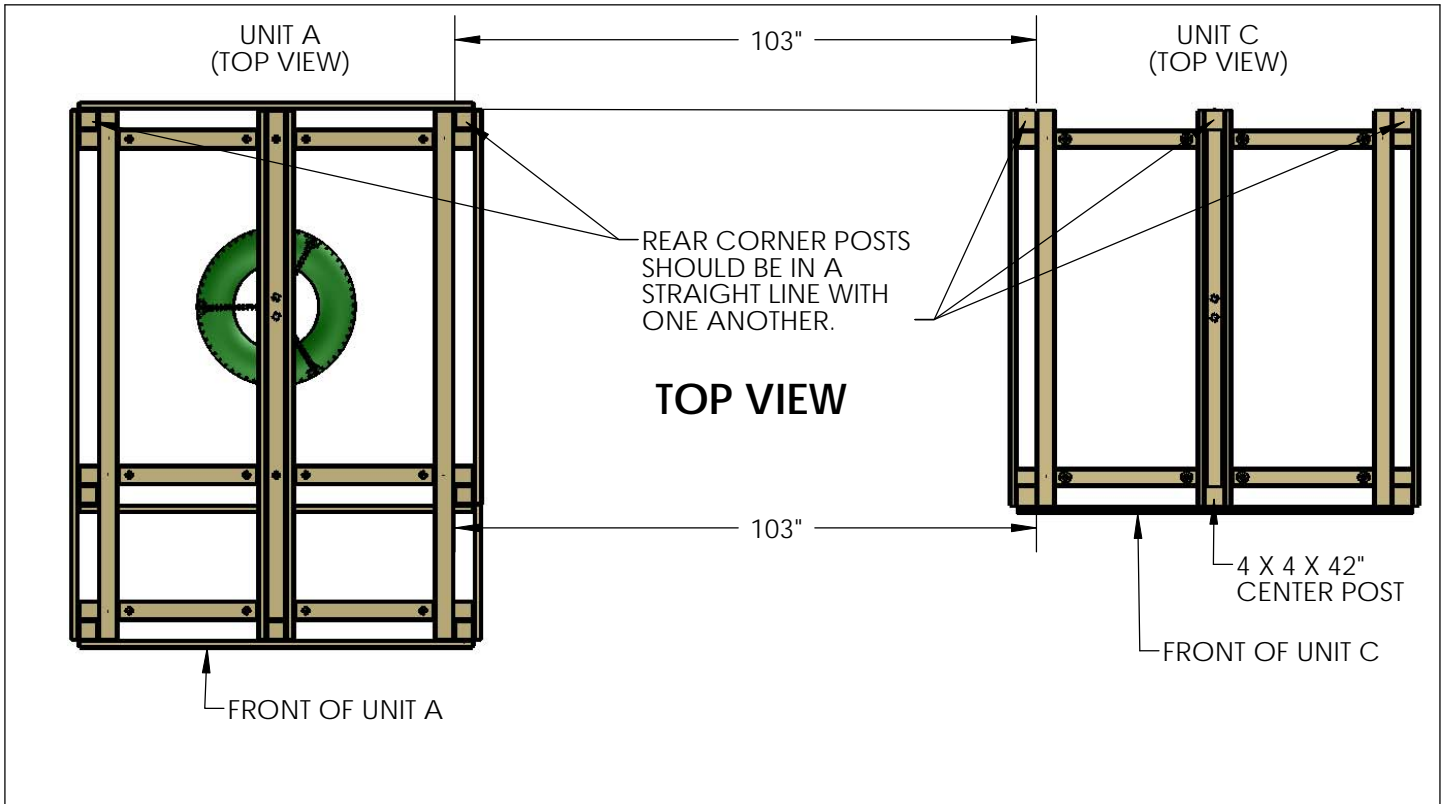
# PLAYSET SPACING FOR BRIDGE

1: AT THIS STAGE OF CONSTRUCTION YOU HAVE BUILT **UNIT A AND UNIT C** THROUGH STEP 7. STUDY THIS PAGE AND THE NEXT PAGE.

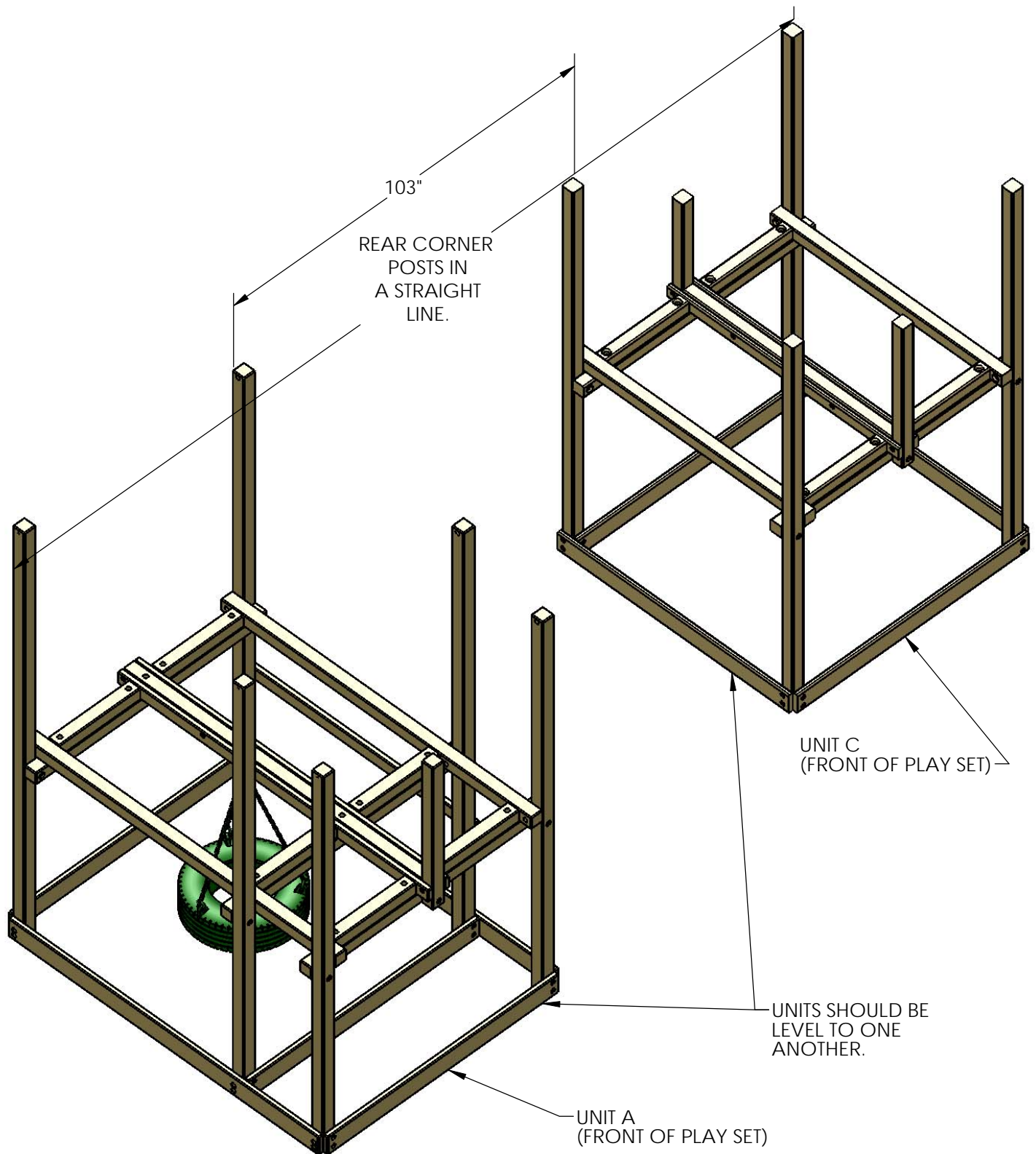
2: ALL THE REAR CORNER POSTS SHOULD BE IN A STRAIGHT LINE AS SHOWN IN THE **TOP VIEW** BELOW. AND THE UNITS SHOULD BE LEVEL TO ONE ANOTHER UP AND DOWN AS SHOWN IN THE **FRONT VIEW** BELOW.

3: THE REAR AND FRONT CORNER POSTS SHOULD BE 103" FROM INSIDE TO INSIDE AS SHOWN.

4: LEVEL AND SQUARE EACH UNIT INDIVIDUALLY AS DESCRIBED IN THE FRONT OF THE MANUAL. RECHECK THE 103" DIMENSION AND MAKE SURE THE UNITS ARE LEVEL TO ONE ANOTHER. GO TO STEP 8 ON PAGE 41 FOR **UNIT A** AND COMPLETE CONSTRUCTION OF **UNIT A**.



# PLAYSET SPACING FOR BRIDGE

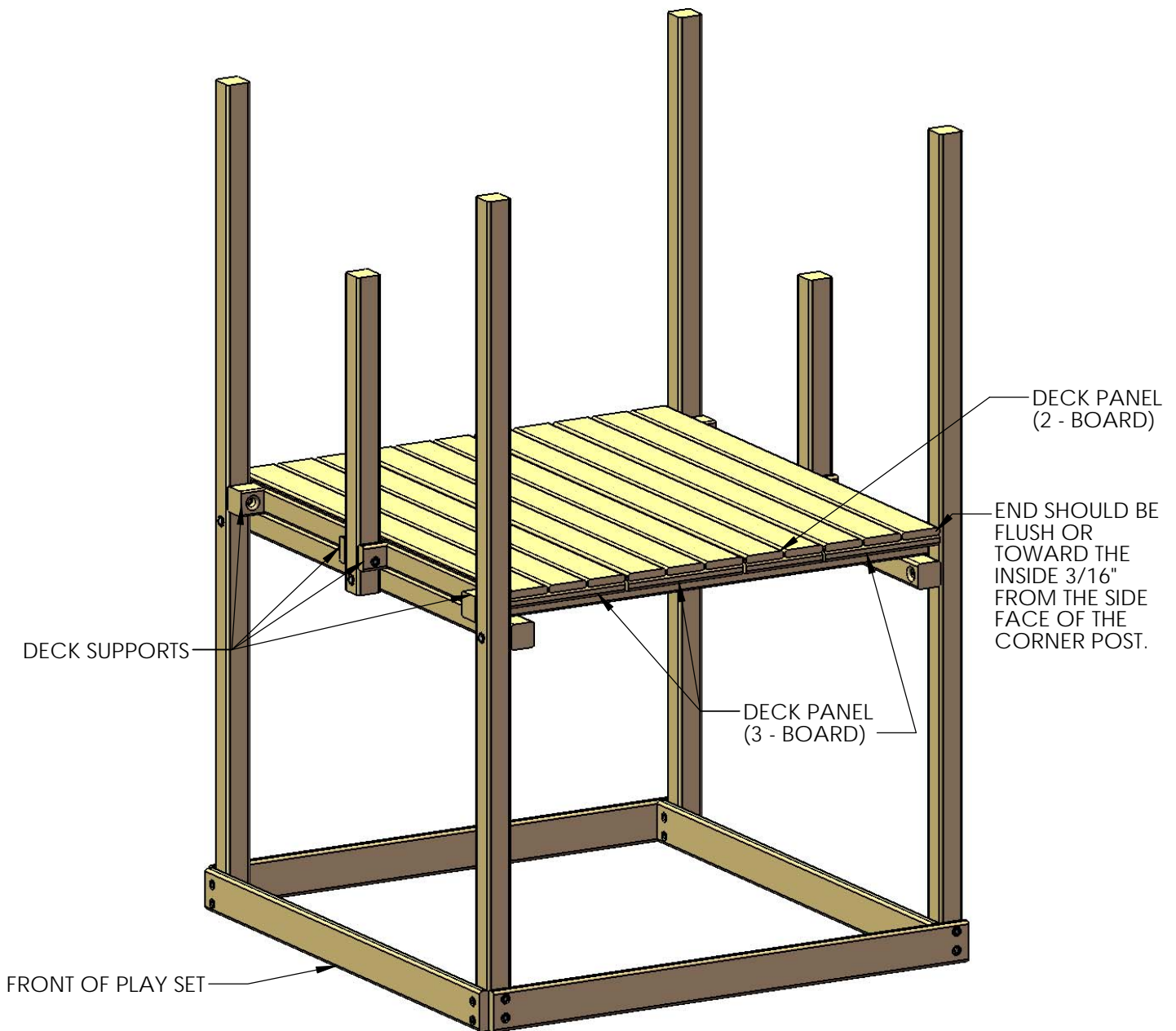


## STEP 8: DECK PANELS

1: PLACE THE DECK PANELS ACROSS THE DECK SUPPORTS. ALLOW THE 2 X 4 DECK STRINGERS TO OVERLAP THE DECK SUPPORTS. PLACE THE DECK PANELS FLUSH WITH THE CORNER POSTS. FOR THE DECK PANELS IN THE CENTER SPACE THEM APPROXIMATELY 7/16" FROM ONE ANOTHER.

THE END OF EACH DECK PANEL SHOULD BE FLUSH OR TOWARD THE INSIDE 3/16" FROM THE SIDE FACE OF THE CORNER POSTS.

2: ATTACH EACH DECK BOARD TO THE DECK SUPPORTS WITH TWO 2" WOOD SCREWS WHERE THEY OVERLAP.

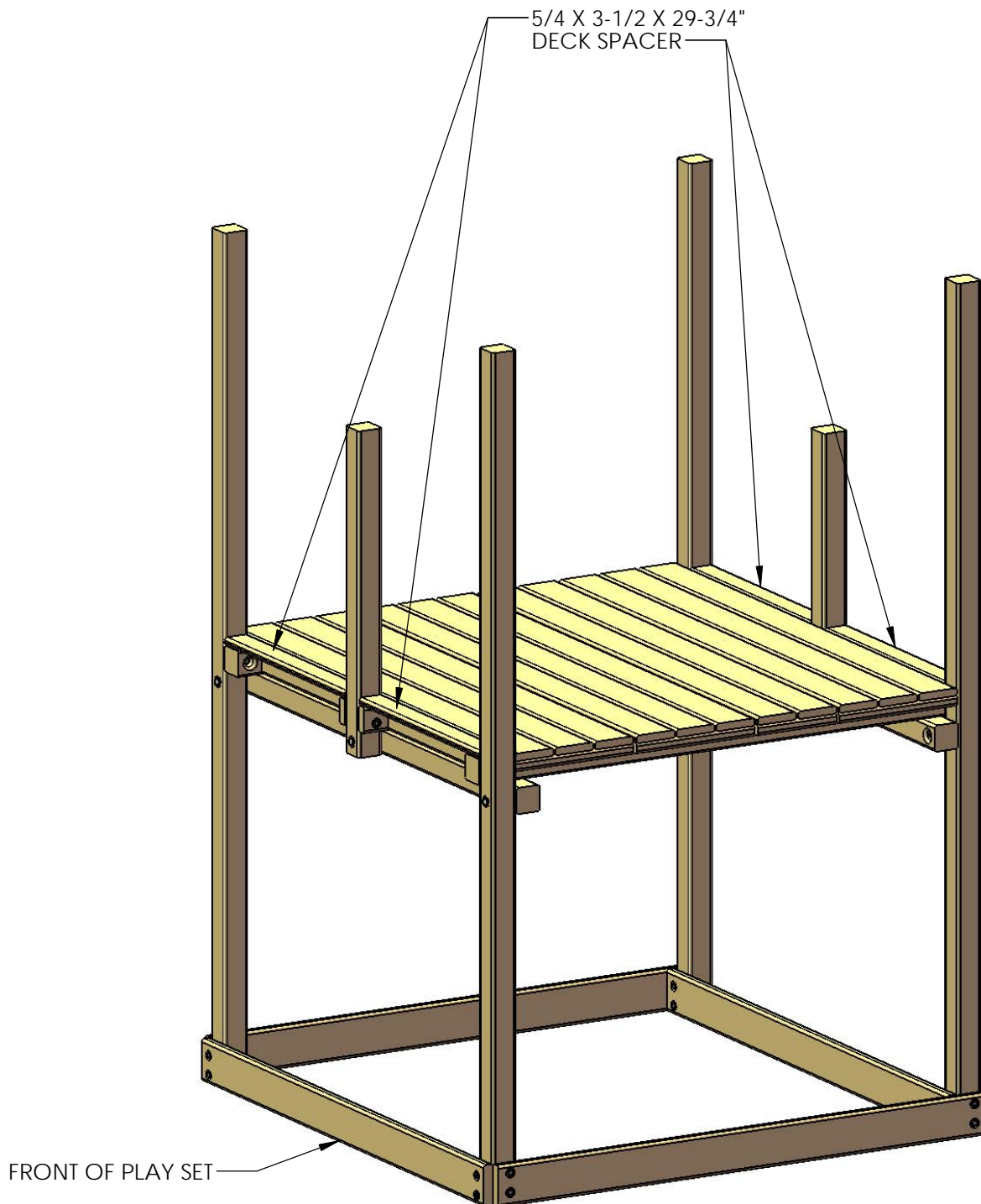




## STEP 9: DECK SPACERS

1: PLACE THE 5/4 X 3-1/2 X 29 3/4" DECK SPACERS FLUSH ON TOP OF THE CENTER AND END DECK SUPPORTS, BETWEEN THE CENTER AND CORNER POSTS.

2: FASTEN THE DECK SPACERS TO THE CENTER AND END DECK SUPPORTS WITH TWO 2" WOOD SCREWS AT EACH END.

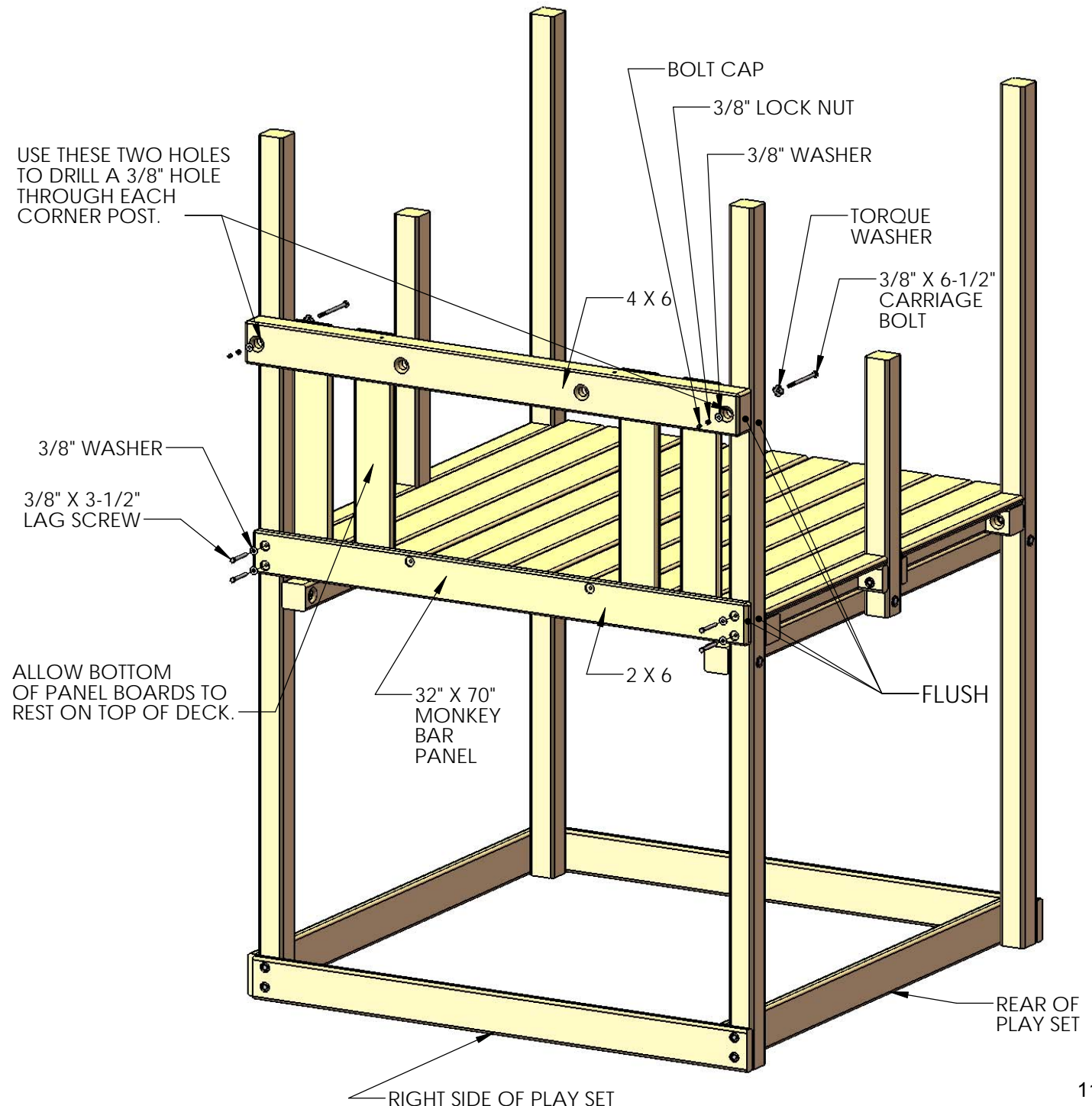


## STEP 10: MONKEY BAR PANEL

1: PLACE THE 32" X 70" MONKEY BAR PANEL FLUSH AGAINST THE CORNER POSTS ON THE RIGHT SIDE OF THE PLAY SET, ALLOWING THE BOTTOM OF THE PANEL BOARDS TO REST ON TOP OF THE DECK. REAR ENDS OF THE MONKEY BAR PANEL SHOULD BE FLUSH TO THE REAR OF THE CORNER POST.

2: HAVE AN ASSISTANT HOLD THE PANEL IN PLACE. USE THE EXISTING HOLES IN THE 4 X 6 TO DRILL A 3/8" HOLE THROUGH EACH CORNER POST. NOTE YOU MAY HAVE TO PARTIALLY DRILL THE CORNER POSTS, REMOVE THE PANEL AND THEN COMPLETE DRILLING THE HOLES THROUGH THE CORNER POSTS.

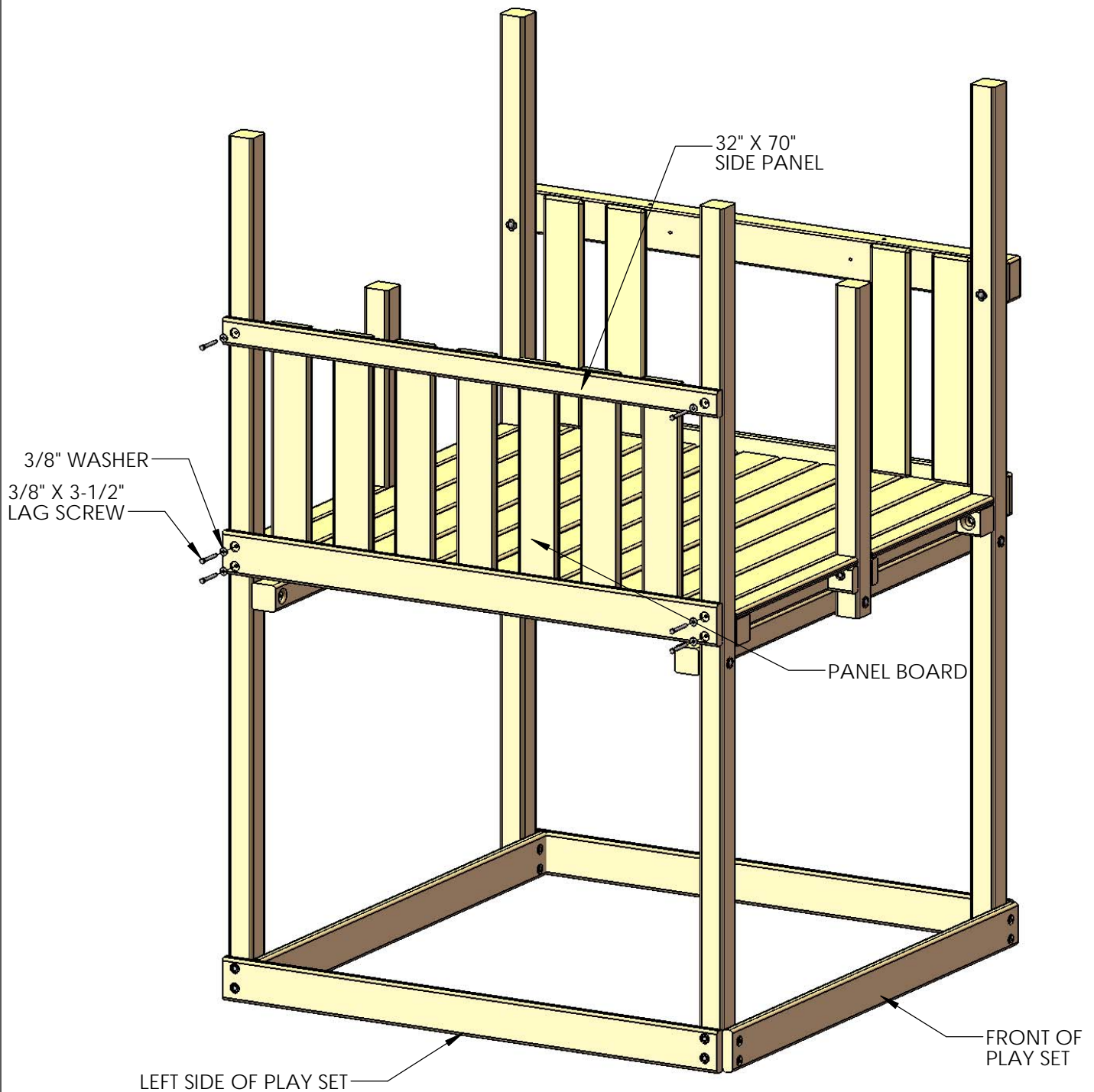
3: ATTACH THE TOP 4 X 6 TO THE CORNER POSTS WITH 3/8" X 6-1/2" CARRIAGE BOLTS WITH TORQUE WASHERS ON THE INSIDE AND 3/8" WASHERS, 3/8" LOCK NUTS ON THE OUTSIDE. COVER ANY EXPOSED THREADS WITH BOLT CAPS. FASTEN THE BOTTOM 2 X 6 TO THE CORNER POSTS USING 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 11: SIDE PANEL

1: PLACE THE 32" X 70" SIDE PANEL FLUSH AGAINST THE CORNER POSTS ON THE LEFT SIDE OF THE PLAY SET, ALLOWING THE BOTTOM OF THE PANEL BOARDS TO REST ON TOP OF THE DECK. THE REAR ENDS OF THE SIDE PANEL SHOULD BE FLUSH WITH THE CORNER POST.

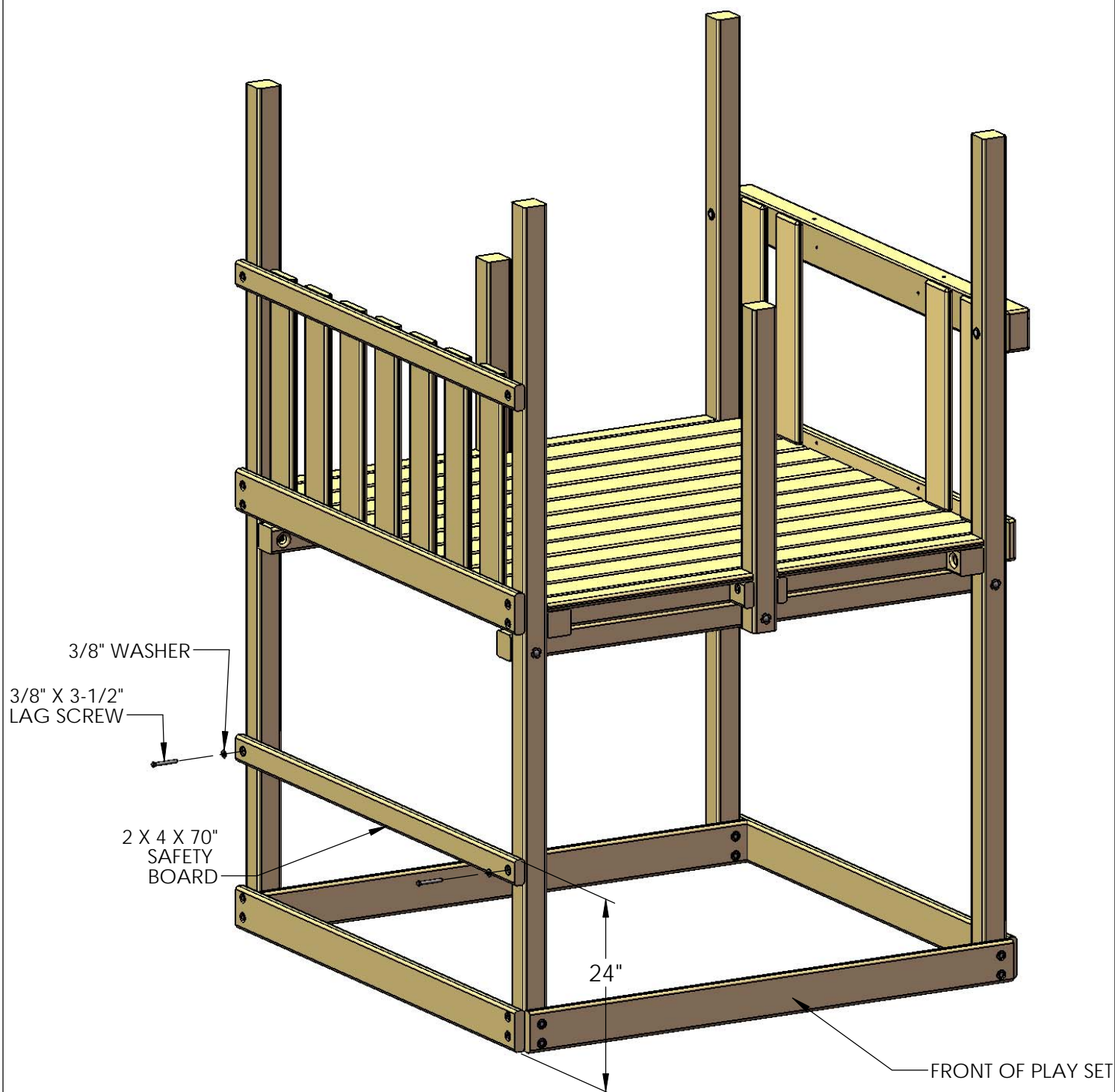
2: FASTEN THE SIDE PANEL TO THE CORNER POSTS USING 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 12: SAFETY BOARD

1: PLACE THE 2 X 4 X 70" SAFETY BOARD FLUSH TO THE CORNER POSTS ON THE LEFT SIDE OF THE PLAYSET AT THE 24" HEIGHT SHOWN BELOW. THIS BOARD IS A VISUAL DETERRENT TO KEEP CHILDREN FROM RUNNING THROUGH THE BASE OF THE PLAY SET INTO OTHER CHILDREN ON THE SWINGS.

2: FASTEN THE SAFETY BOARD TO THE CORNER POSTS WITH 3/8" X 3-1/2" SCREWS AND 3/8" WASHERS.





## STEP 13: TRAPEZE ARM SUPPORT

1: HAVE AN ASSISTANT HELP YOU LIFT THE 4 X 6 X 112" TRAPEZE ARM SUPPORT INTO PLACE ON THE FRONT OF THE PLAY SET. THE END WITH FOUR SMALL HOLES WILL EXTEND OFF THE RIGHT SIDE OF THE PLAYSET AS SHOWN.

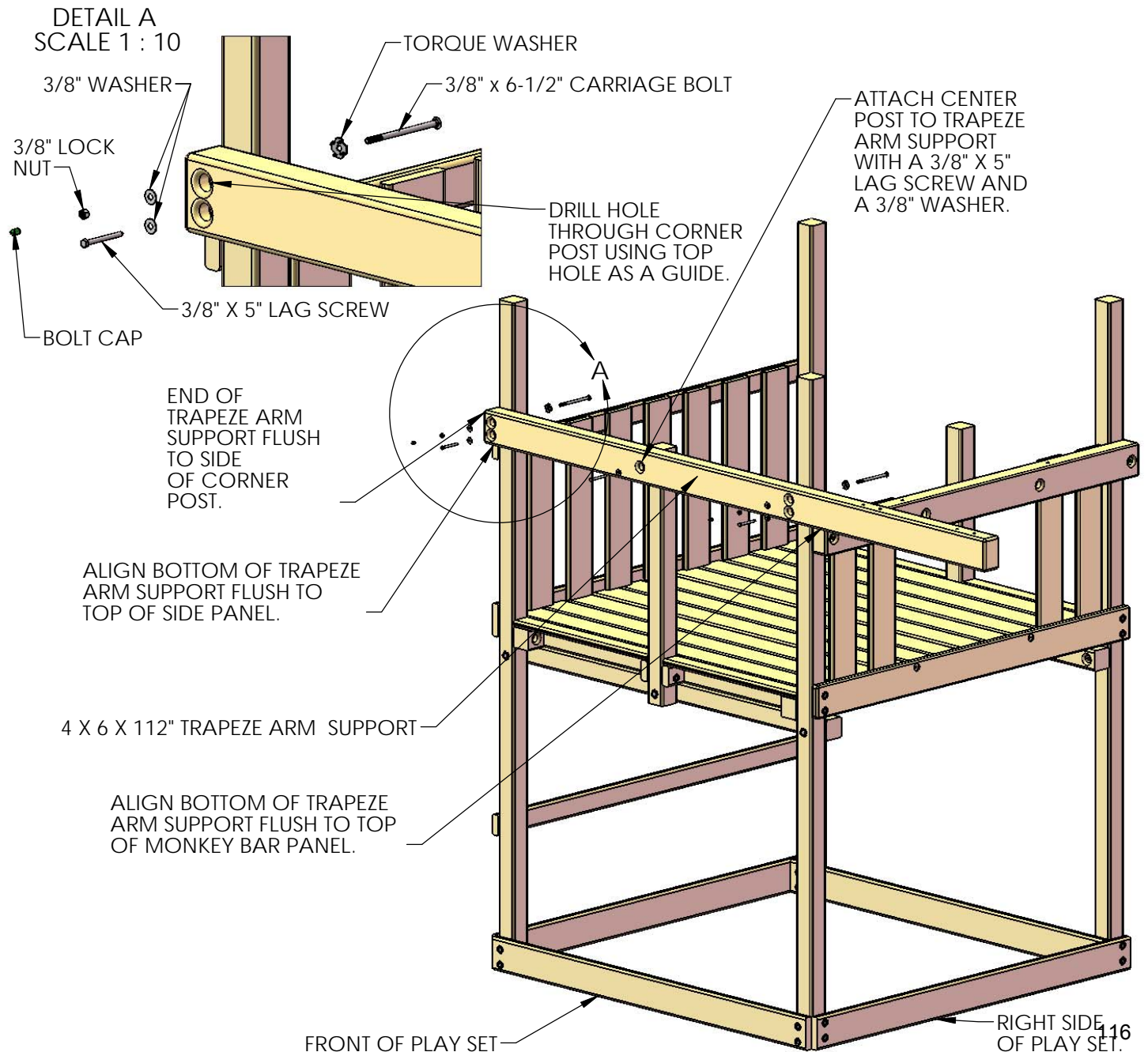
2: THE BOTTOM OF THE TRAPEZE ARM SHOULD BE FLUSH TO THE TOP OF THE MONKEY BAR PANEL 4X6 AND TO THE TOP OF THE SIDE PANEL 2 X 4. ALSO THE LEFT END OF THE TRAPEZE ARM SHOULD BE FLUSH TO THE LEFT SIDE OF THE LEFT FRONT CORNER POST.

3: ATTACH THE BOTTOM HOLE ON EACH END TO THE CORNER POSTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.

4: USE THE TOP HOLE ON EACH END AS A GUIDE AND DRILL A 3/8" HOLE THROUGH THE FRONT CORNER POSTS. IF YOUR DRILL BIT WILL NOT GO ALL THE WAY THROUGH THE CORNER POSTS THEN YOU WILL NEED TO REMOVE THE TRAPEZE ARM SUPPORT FIRST AND THEN CONTINUE DRILLING THE HOLES.

5: REPLACE THE TRAPEZE ARM SUPPORT. ATTACH THE TOP MOST HOLES ON EACH SIDE WITH 3/8" X 6-1/2" CARRIAGE BOLTS AND TORQUE WASHERS ON THE INSIDE OF THE CORNER POST AND 3/8" WASHERS AND 3/8" LOCK NUTS ON THE FRONT SIDE OF THE TRAPEZE ARM. PLACE BOLT CAPS OVER ANY EXPOSED THREADS. ATTACH THE BOTTOM MOST HOLES ON EACH SIDE WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.

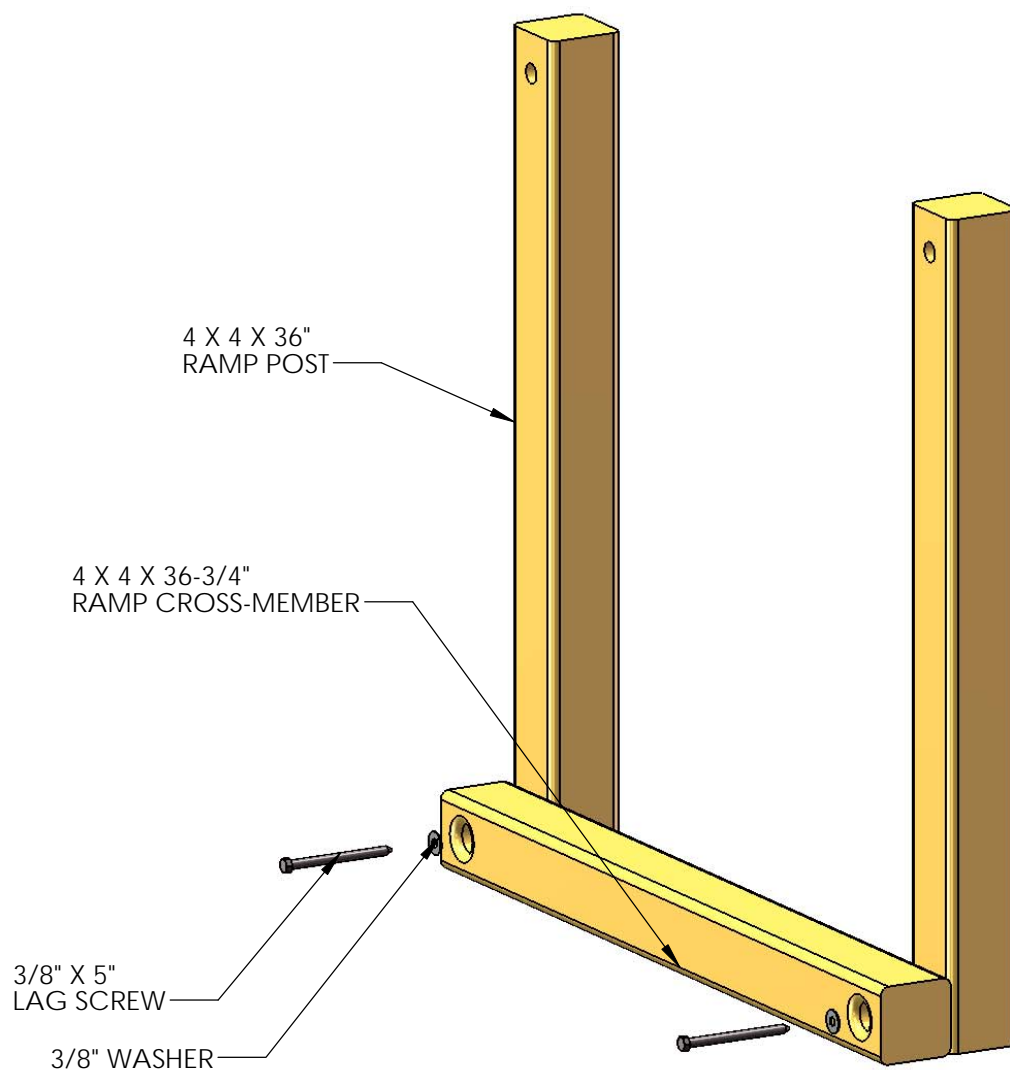
6: SQUARE THE CENTER POST TO THE TRAPEZE ARM SUPPORT AND ATTACH THEM TOGETHER WITH ONE 3/8" X 5" LAG SCREW AND ONE 3/8" WASHER.



## STEP 14: CLIMBING RAMP

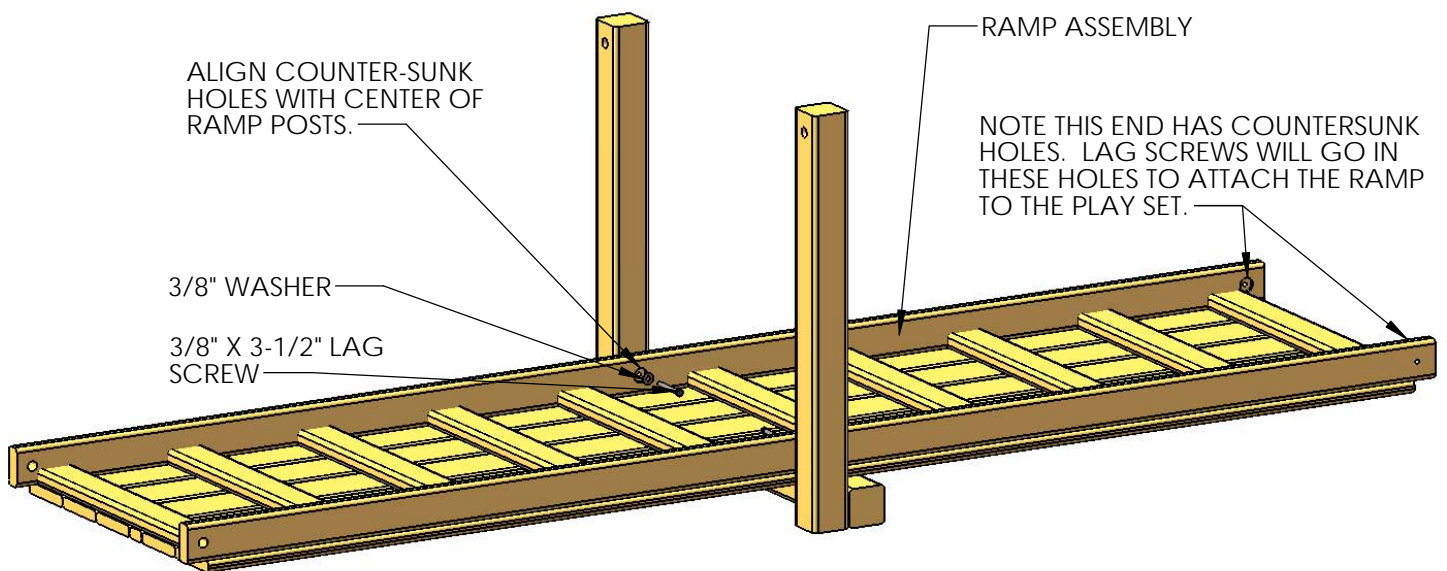
1: PLACE THE BOTTOM OF THE 4 X 4 X 36-3/4" RAMP CROSS-MEMBER FLUSH WITH THE BOTTOM OF THE 4 X 4 X 36" RAMP POSTS. EACH END OF THE RAMP CROSS-MEMBER SHOULD BE FLUSH WITH THE SIDE OF EACH RAMP POST.

2: FASTEN EACH 4 X 4 X 36" RAMP POST TO THE 4 X 4 X 36-3/4" RAMP CROSS-MEMBER WITH A 3/8" X 5" LAG SCREW AND A 3/8" WASHER.



## STEP 15: CLIMBING RAMP

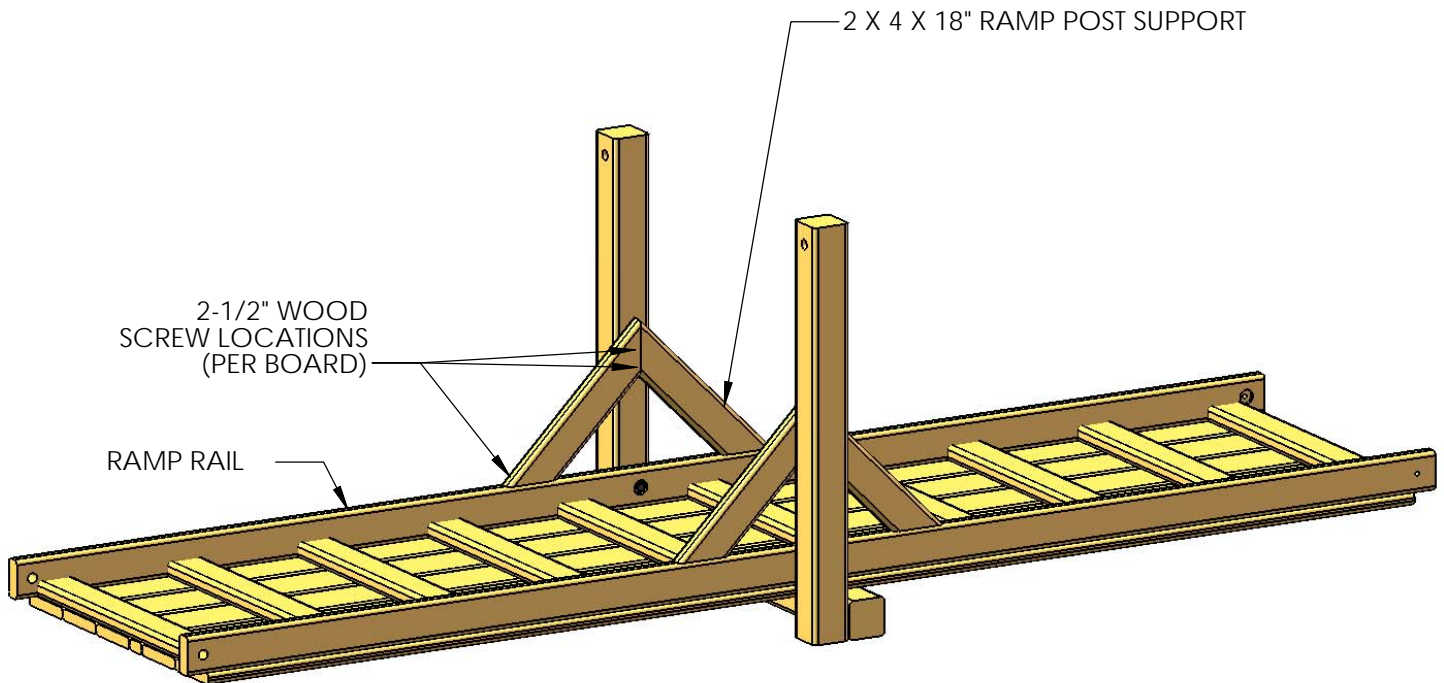
- 1: PLACE THE RAMP ASSEMBLY ON TOP OF THE RAMP CROSS-MEMBER.
- 2: ALIGN THE COUNTER-SUNK HOLES WITH THE CENTER OF THE RAMP POSTS.
- 3: FASTEN THE RAMP ASSEMBLY TO THE RAMP POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS FROM THE INSIDE OF THE RAMP ASSEMBLY.



## STEP 16: CLIMBING RAMP

1: PLACE THE 2 X 4 X 18" RAMP POST SUPPORTS ON TOP OF THE 2 X 4 RAMP RAIL. ALIGN THE END OF THE RAMP POST SUPPORT WITH CENTER OF THE RAMP POST SIDE.

2: FASTEN THE RAMP POST SUPPORTS TO THE RAMP POSTS WITH 2-1/2" WOOD SCREWS FROM THE INSIDE, AND TO THE 2 X 4 RAMP RAIL FROM THE TOP.

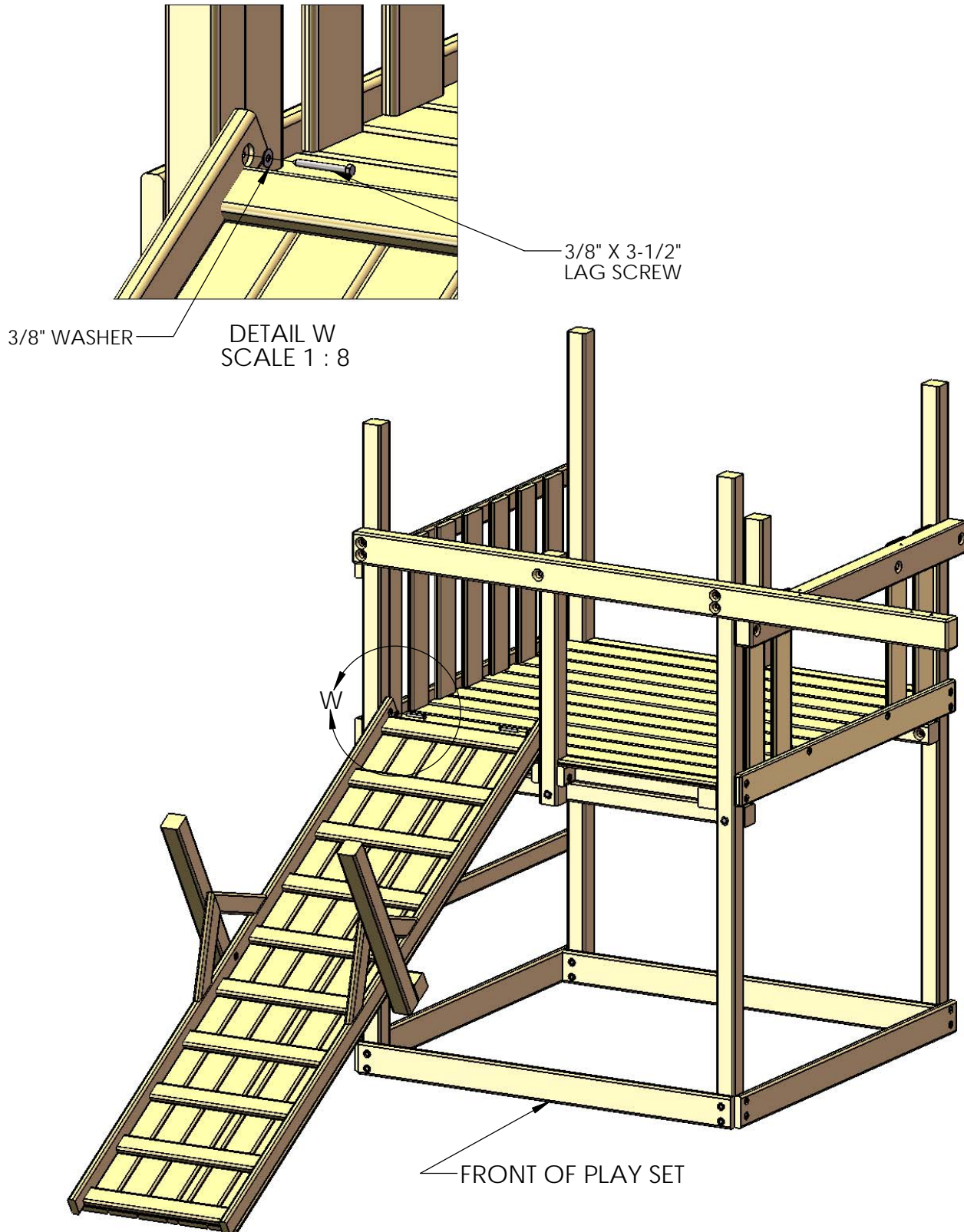




## STEP 17: CLIMBING RAMP

1: PLACE THE CLIMBING RAMP FLUSH TO THE INSIDE OF THE FRONT CENTER POST AND LEFT CORNER POST. CENTER THE COUNTERSUNK HOLES AT THE END OF THE RAMP WITH THE CENTER OF THE FRONT CENTER POST AND LEFT CORNER POST.

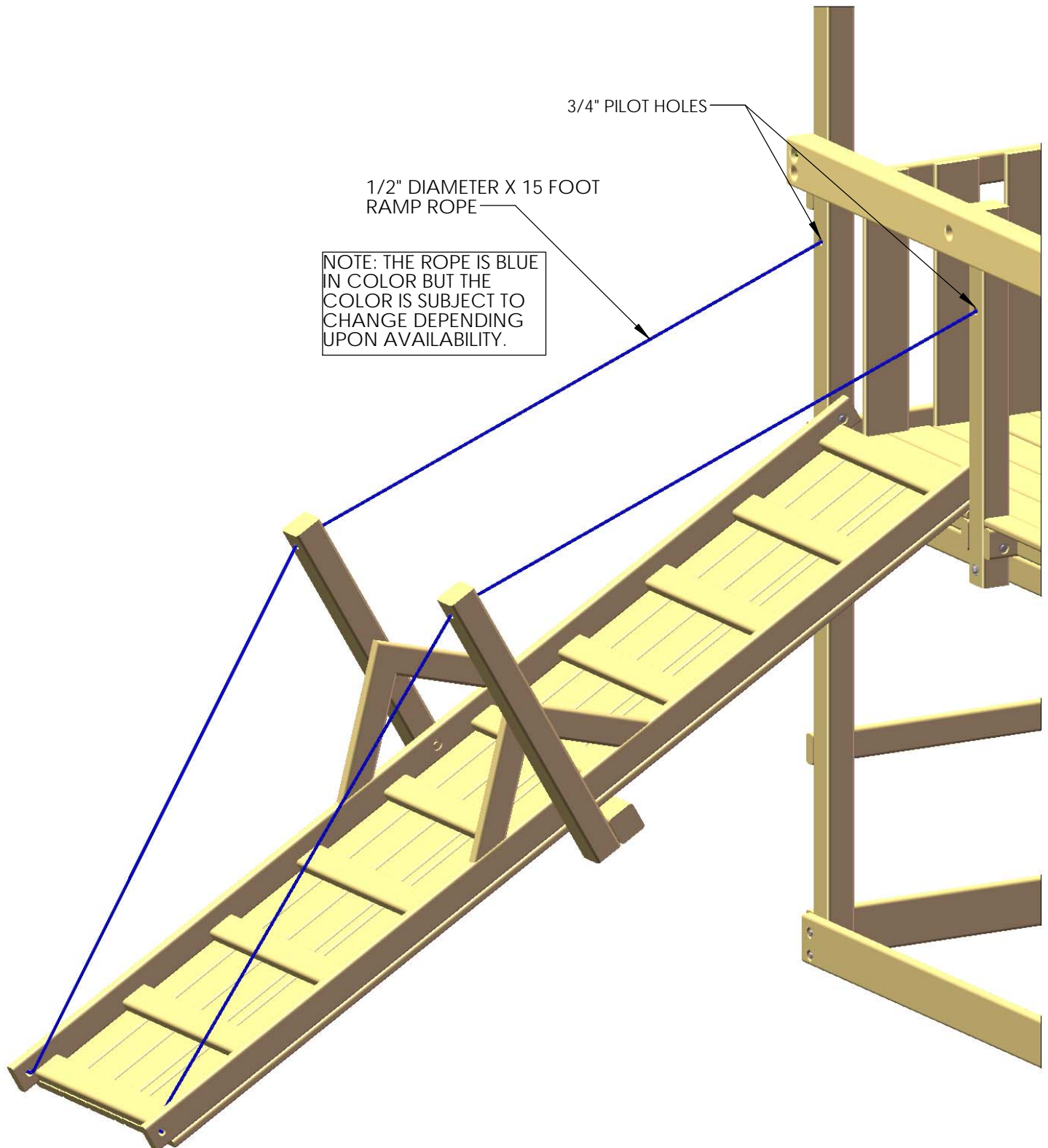
2: FASTEN THE CLIMBING RAMP TO THE FRONT CENTER POST AND LEFT CORNER POST USING 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS IN THE COUNTERSUNK HOLES AT THE END OF THE RAMP.



## STEP 18: CLIMBING RAMP

1: DRILL 3/4" PILOT HOLES THROUGH THE FRONT OF THE LEFT FRONT CORNER POST, AND CENTER POST.

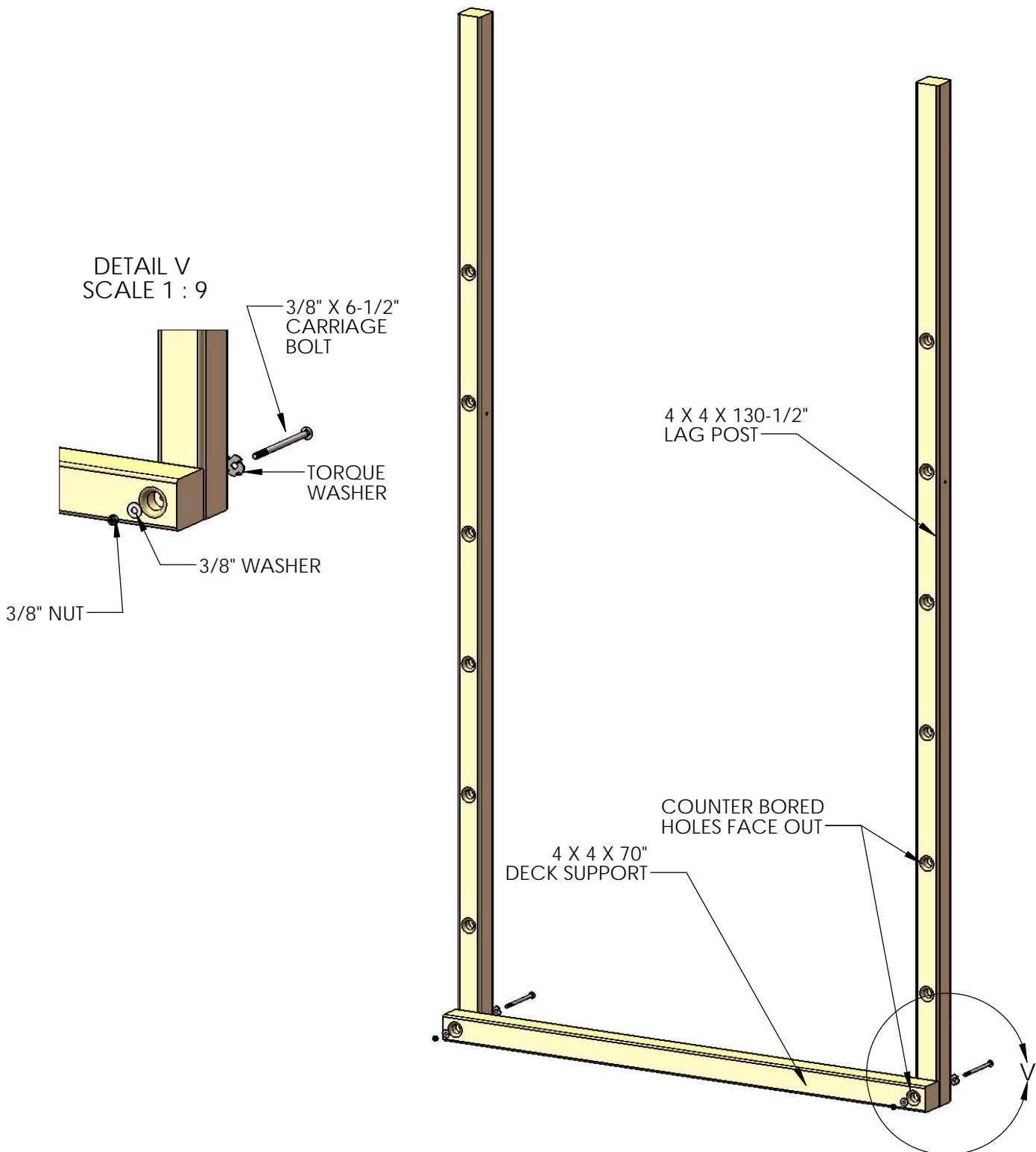
2: THREAD A PIECE OF 1/2" DIAMETER X 15 FOOT ROPE THROUGH THE HOLES, STARTING AT THE HOLE IN THE PLAY SET POSTS. TIE A SECURE KNOT IN THE ROPE AT BOTH ENDS TO HOLD THE ROPE IN PLACE.



## STEP 19: LAG POSTS

1: PLACE ONE 4 X 4 X 130-1/2" LAG POST ON EACH END OF THE 4 X 4 X 70" DECK SUPPORT. LINE UP THE HOLES IN THE DECK SUPPORT (COUNTER-BORES FACING OUT) WITH THE HOLES AT THE BOTTOM OF THE LAG POSTS (NO COUNTER-BORES.)

2: FASTEN THE LAG POSTS TO THE DECK SUPPORT USING 3/8" X 6-1/2" CARRIAGE BOLTS, TORQUE WASHERS, 3/8" WASHERS AND 3/8" LOCK NUTS.

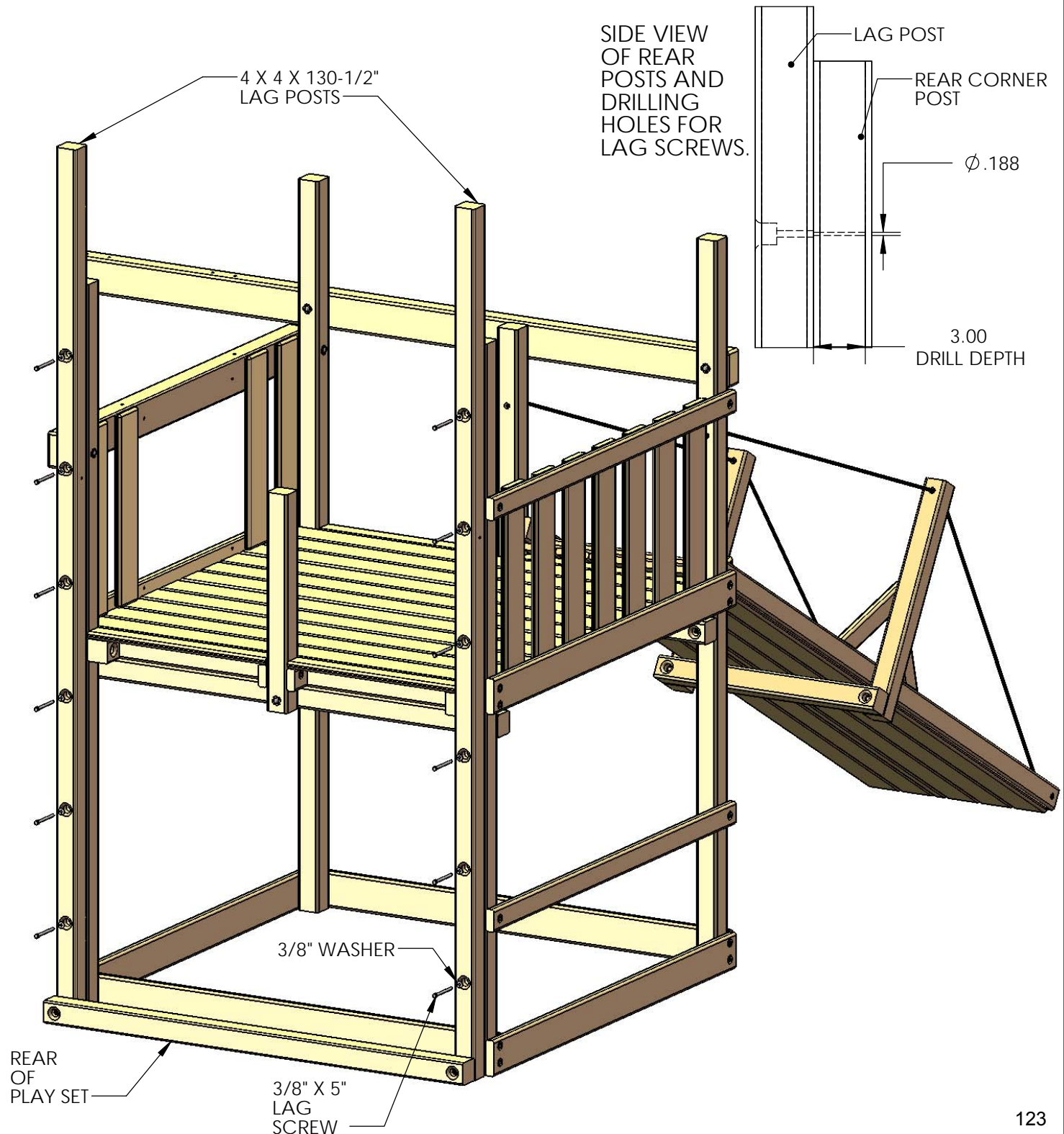


## STEP 20: LAG POSTS

1: PLACE THE 4 X 4 X 130-1/2" LAG POSTS WITH DECK SUPPORT AGAINST THE REAR CORNER POSTS.

2: PREDRILL EACH HOLE WITH A 3/16" (0.1875") DRILL BIT BY 3" DEEP. USE A DRILL STOP (NOT INCLUDED) ON THE DRILL BIT TO PREVENT DRILLING COMPLETELY THROUGH THE REAR CORNER POSTS. USE THE EXISTING HOLES IN THE LAG POST AS A GUIDE.

2: FASTEN THE LAG POSTS TO THE REAR CORNER POSTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.





## STEP 21: CL DECK SUPPORTS

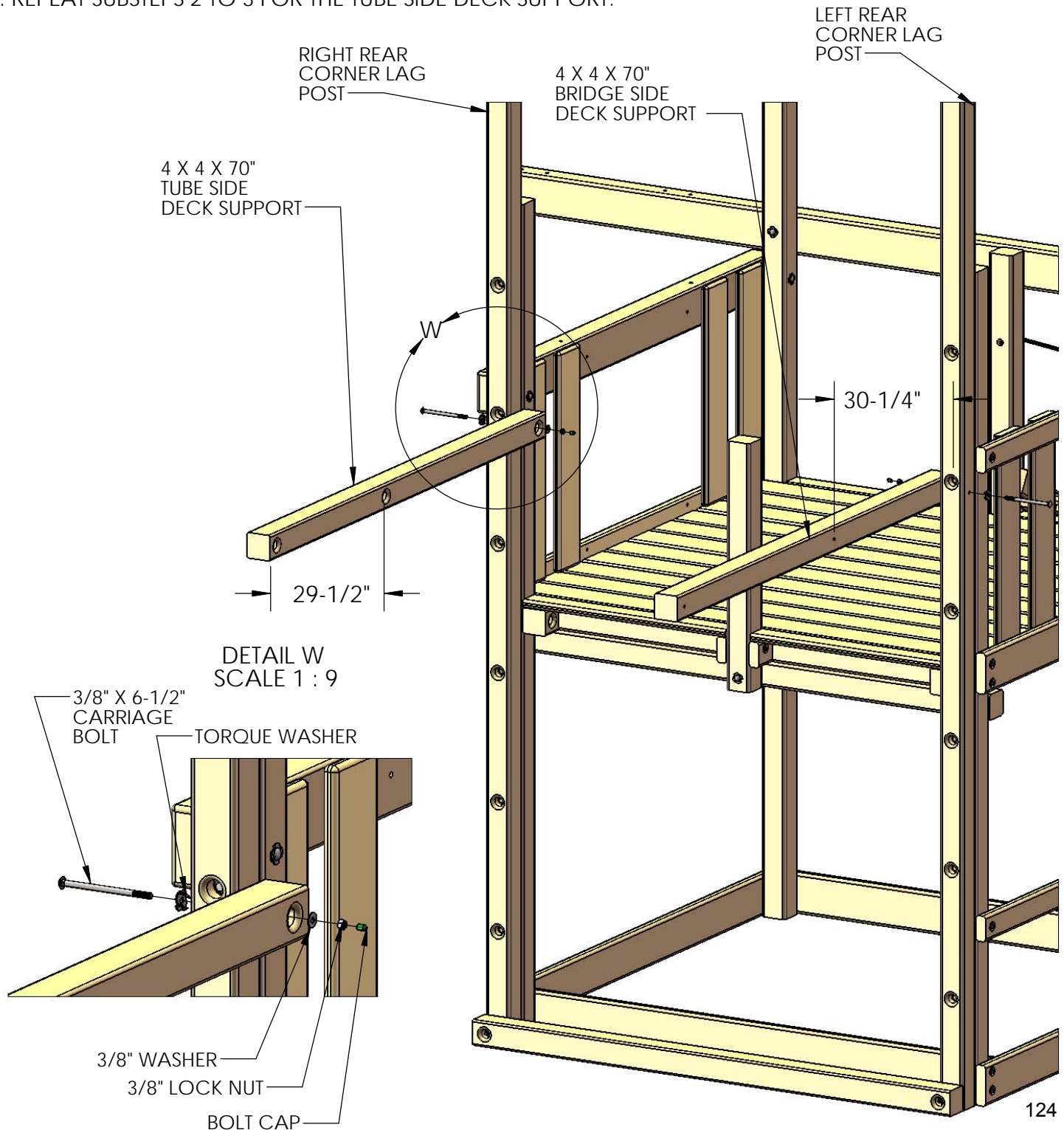
1: PLACE THE 4 X 4 X 70" BRIDGE SIDE DECK SUPPORT ON THE INSIDE OF THE LEFT REAR CORNER LAG POST. NOTE THE EXTRA HOLE IN THE BRIDGE SIDE DECK SUPPORT AT 30-1/4" FROM THE FIXED END.

2: LINE UP THE PILOT HOLES, WITH THE COUNTER-SUNK HOLES FACING THE CENTER POST.

3: FASTEN THE DECK SUPPORT TO THE CORNER LAG POST USING A 3/8" X 6-1/2" CARRIAGE BOLT, A TORQUE WASHER, A 3/8" WASHER AND A 3/8" LOCK NUT. PLACE A BOLT CAP OVER ANY EXPOSED THREADS.

4: PLACE THE 4 X 4 X 70" TUBE SIDE DECK SUPPORT ON THE INSIDE OF THE RIGHT REAR CORNER LAG POST. NOTE THE EXTRA HOLE IN THE TUBE SIDE DECK SUPPORT AT 29-1/2" FROM THE FREE HANGING END.

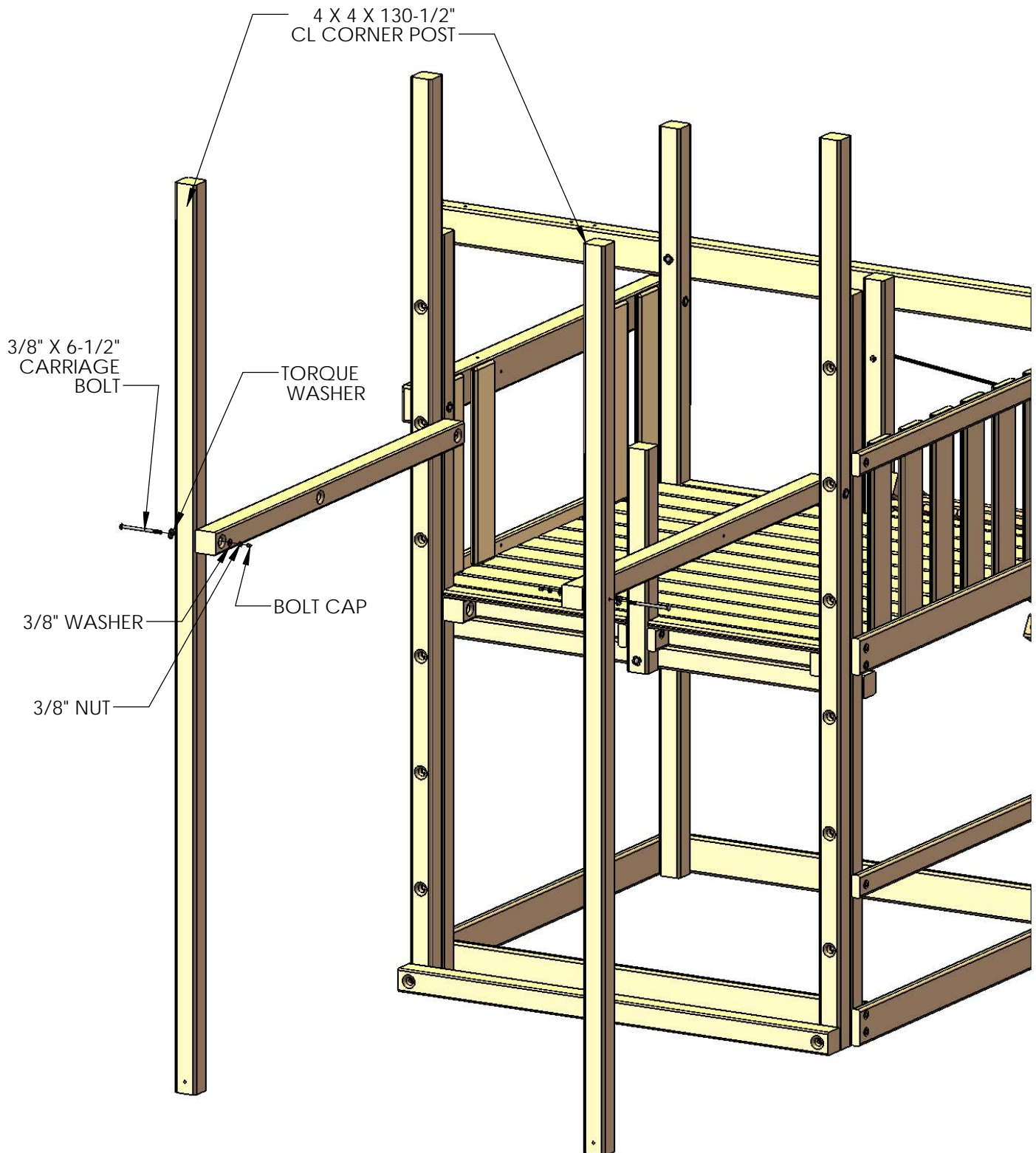
5: REPEAT SUBSTEPS 2 TO 3 FOR THE TUBE SIDE DECK SUPPORT.



## STEP 22: CL CORNER POSTS

1: PLACE THE 4 X 4 X 130-1/2" CL CORNER POSTS ON THE OUTSIDE OF THE DECK SUPPORTS, LINING UP THE PILOT HOLES.

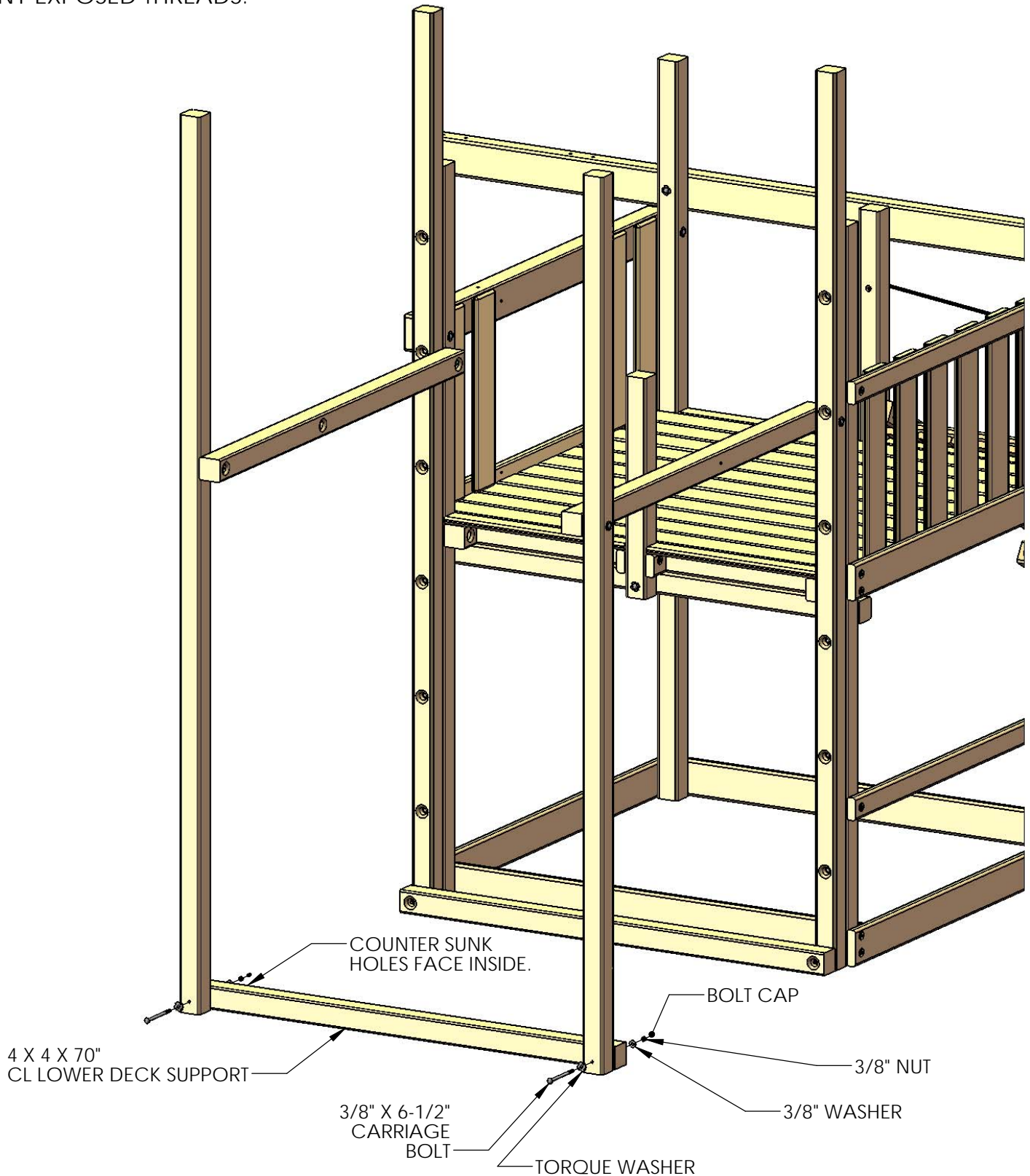
2: FASTEN THE CL CORNER POSTS TO THE DECK SUPPORTS USING 3/8" X 6-1/2" CARRIAGE BOLTS, TORQUE WASHERS, 3/8" WASHERS AND 3/8" LOCK NUTS. PLACE BOLT CAPS OVER ANY EXPOSED THREADS.



## STEP 23: CL LOWER DECK SUPPORT

1: PLACE THE 4 X 4 X 70" CL LOWER DECK SUPPORT ON THE INSIDE OF THE CL CORNER POSTS, LINING UP THE PILOT HOLES. NOTE THE COUNTERSUNK HOLES IN THE CL LOWER DECK SUPPORT FACE THE INSIDE.

2: FASTEN THE CL LOWER DECK SUPPORT TO THE CL CORNER POSTS USING 3/8" x 6-1/2" CARRIAGE BOLTS, TORQUE WASHERS, 3/8" WASHERS AND 3/8" NUTS. PLACE BOLT CAPS OVER ANY EXPOSED THREADS.

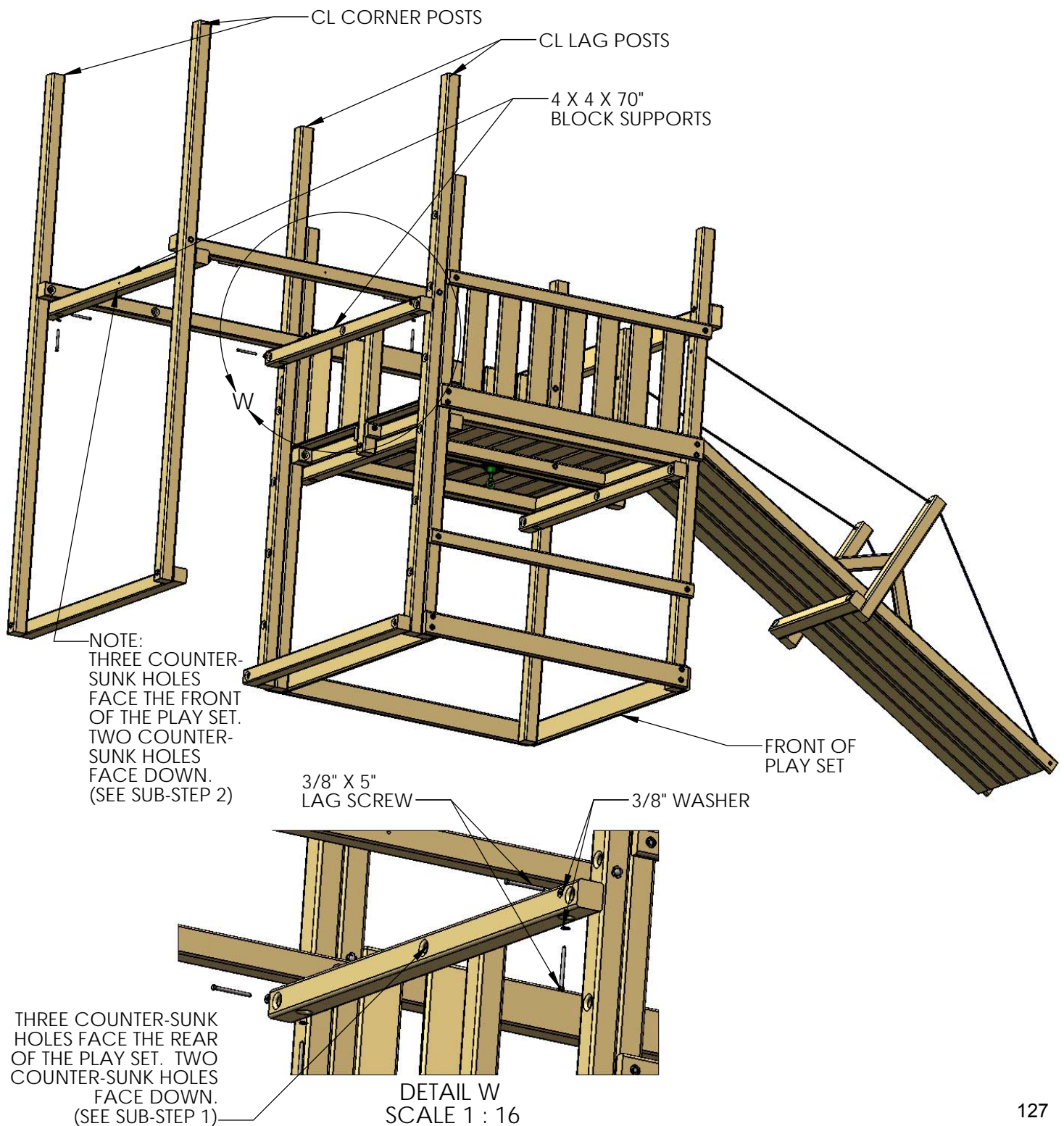




## STEP 24: BLOCK SUPPORTS

1: PLACE THE 4 X 4 X 70" BLOCK SUPPORT UNDERNEATH THE CL DECK SUPPORTS AND IN FRONT OF THE CL LAG POSTS. THE SIDE WITH TWO COUNTER-SUNK HOLES SHOULD FACE DOWN AND THE SIDE WITH THREE COUNTER-SUNK HOLES SHOULD FACE THE REAR OF THE PLAY SET. (SEE DETAIL W BELOW). FASTEN THE BLOCK SUPPORT TO THE LAG POSTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.

2: PLACE THE 4 X 4 X 70" BLOCK SUPPORT UNDERNEATH THE CL DECK SUPPORTS AND IN FRONT OF THE CL CORNER POSTS. THE SIDE WITH TWO COUNTER-SUNK HOLES SHOULD FACE DOWN AND THE SIDE WITH THREE COUNTER-SUNK HOLES SHOULD FACE THE FRONT OF THE PLAY SET. (SEE NOTE BELOW). FASTEN THE BLOCK SUPPORT TO THE CL CORNER POSTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.



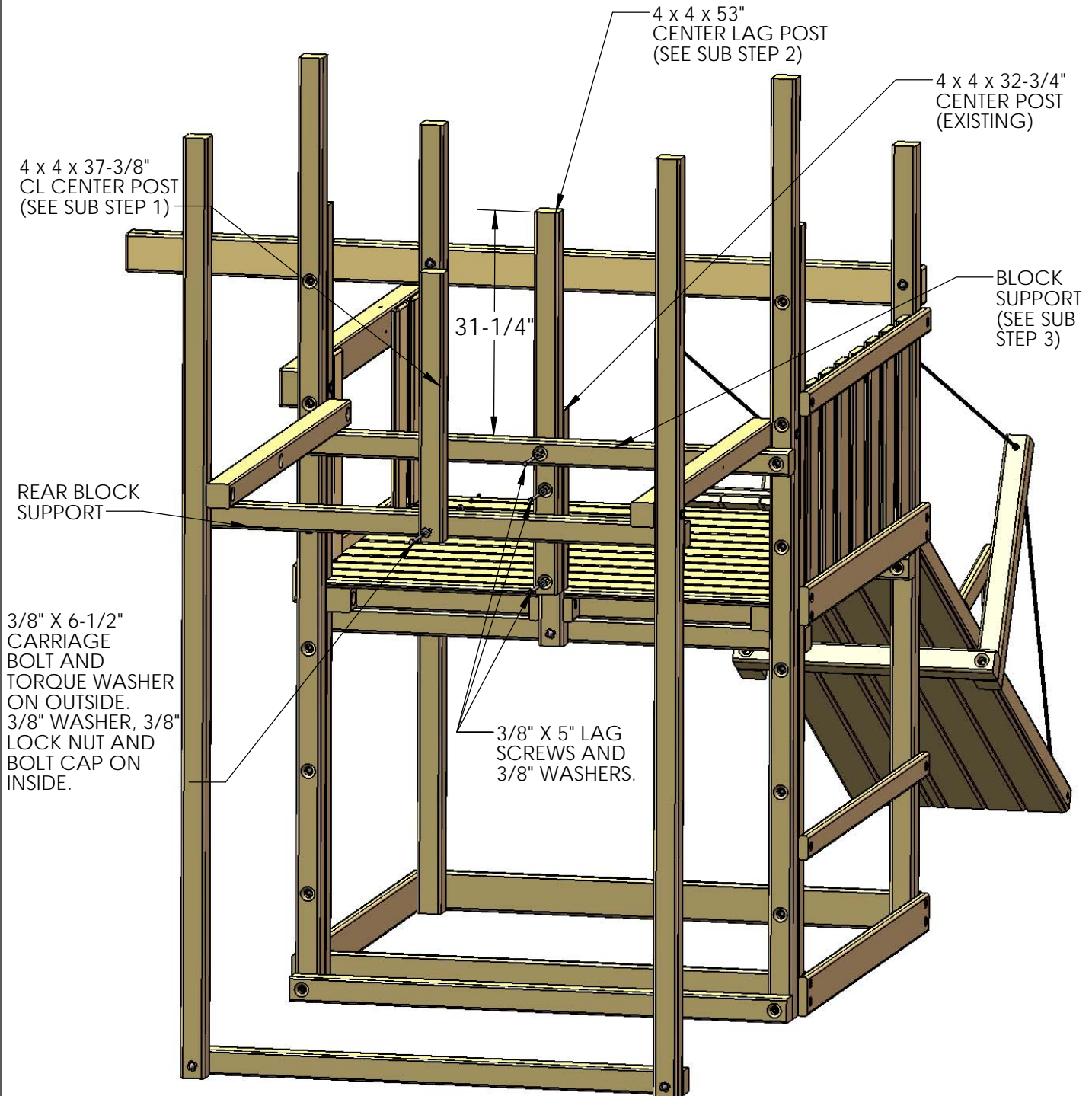


## STEP 25: CL CENTER POST

1: PLACE THE 4 X 4 X 37-3/8" CL CENTER POST ON THE OUTSIDE OF THE REAR BLOCK SUPPORT, LINING UP THE PILOT HOLES. FASTEN THE CL CENTER POST TO THE REAR BLOCK SUPPORT WITH A 3/8" X 6-1/2" CARRIAGE BOLT, TORQUE WASHER, 3/8" WASHER AND 3/8" LOCK NUT. PLACE A BOLT CAP OVER ANY EXPOSED THREADS.

2: PLACE THE 4 X 4 X 53" CENTER LAG POST BETWEEN THE BLOCK SUPPORT AND THE 4 X 4 X 32-3/4" CENTER POST. THE TOP OF THE 53" LAG POST SHOULD BE ABOUT 31-1/4" ABOVE THE TOP OF THE BLOCK SUPPORT. USE TWO 3/8" X 5" LAG SCREWS WITH 3/8" WASHERS TO ATTACH THE 53" CENTER LAG POST TO THE 32-3/4" CENTER POST.

3: ATTACH THE BLOCK SUPPORT TO THE 4 X 4 X 53" CENTER LAG POST WITH A 3/8" X 5" LAG SCREW AND A 3/8" WASHER.

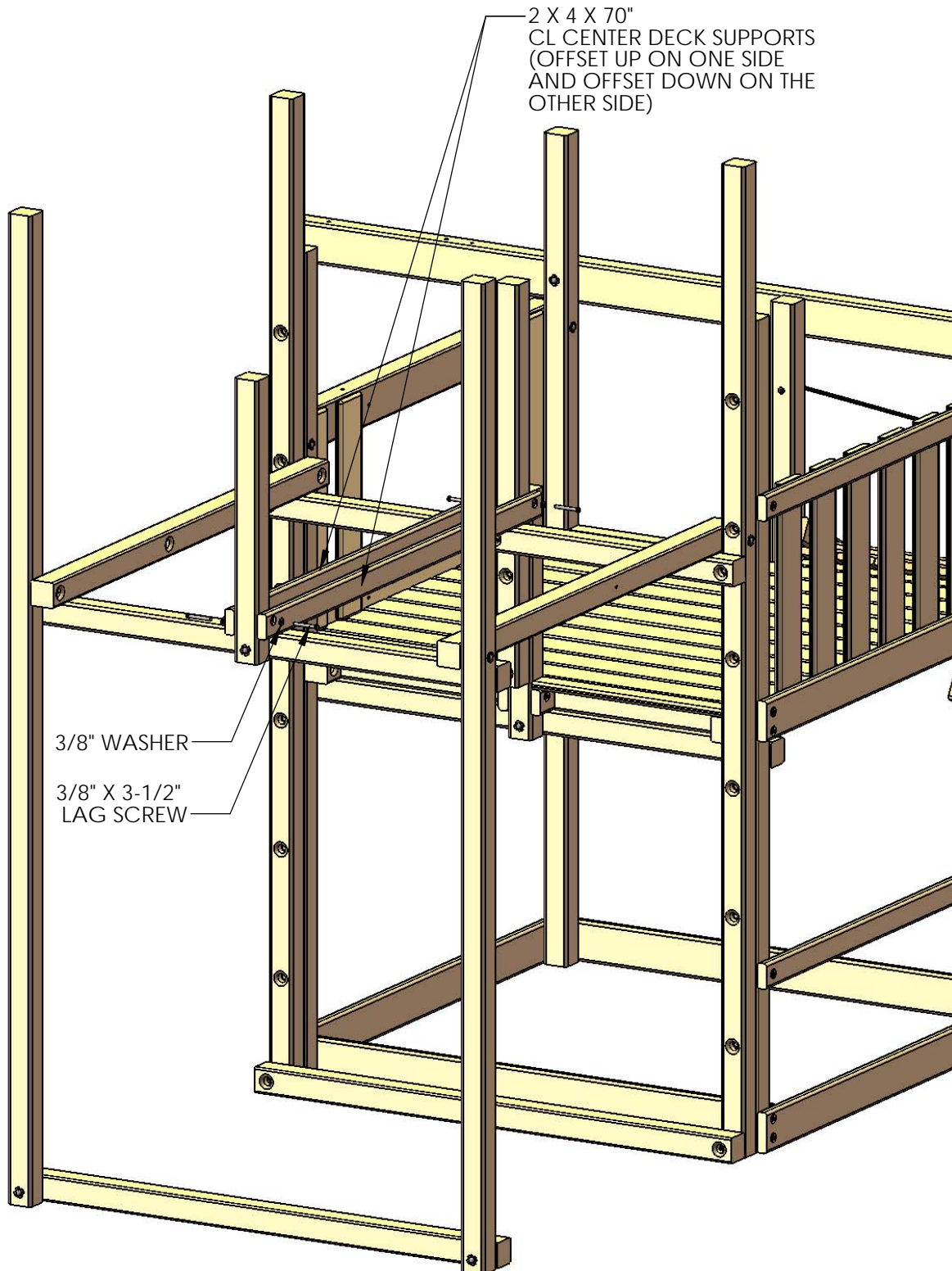


## STEP 26: CL CENTER DECK SUPPORTS

1: PLACE THE 2 X 4 X 70" CL CENTER DECK SUPPORTS ON TOP OF THE BLOCK SUPPORTS AND AGAINST THE CENTER POSTS.

2: NOTE ON ONE SIDE OF THE CENTER POST THE DECK SUPPORT SHOULD HAVE THE HOLES OFFSET UP. ON THE OTHER SIDE OF THE CENTER POST THE DECK SUPPORT SHOULD HAVE THE HOLES OFFSET DOWN TO PREVENT SCREW INTERFERENCE.

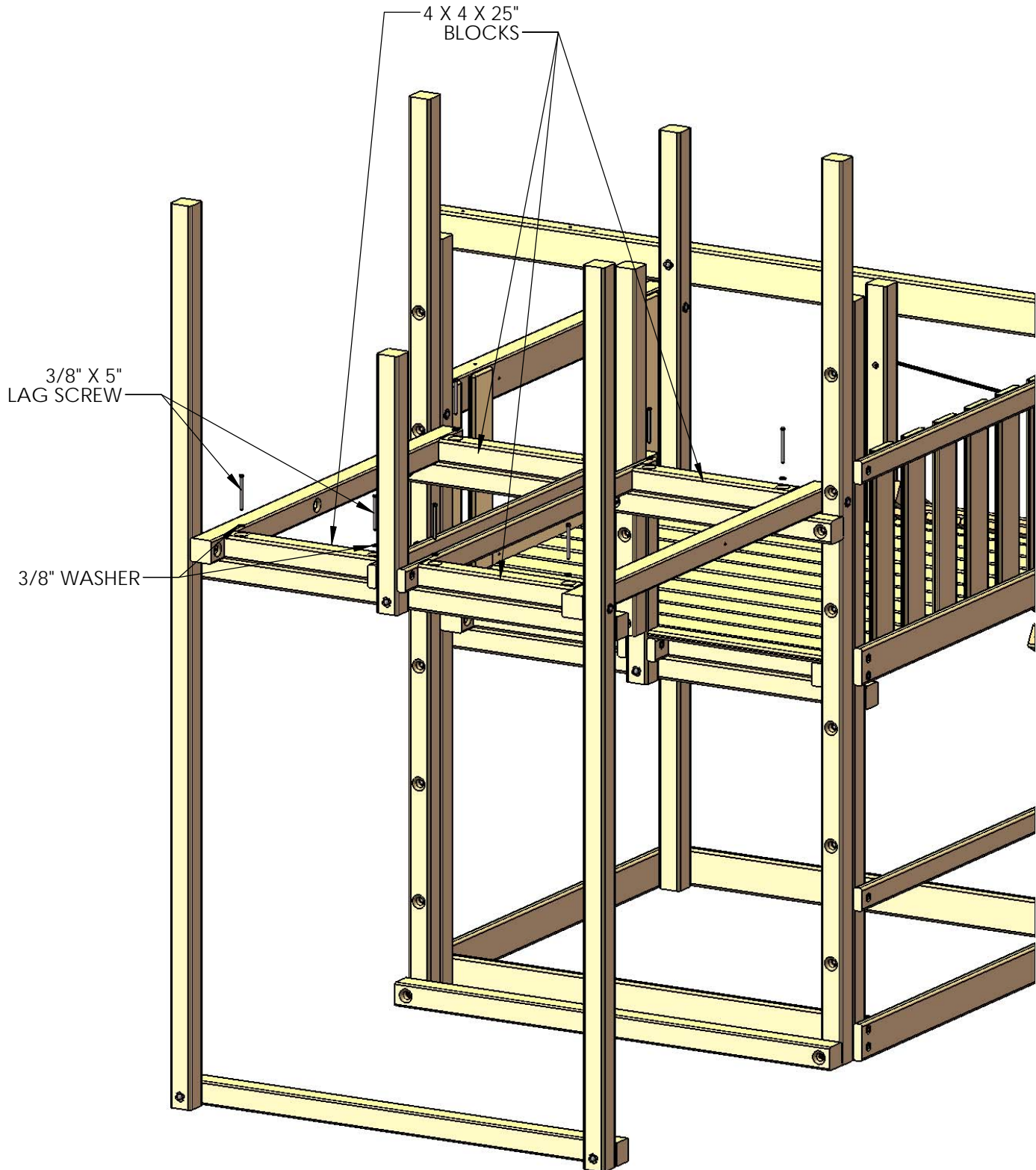
3: FASTEN EACH CL CENTER DECK SUPPORT TO THE CENTER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 27: BLOCKS

1: PLACE THE 4 X 4 X 25" BLOCKS ON TOP OF THE BLOCK SUPPORTS BETWEEN THE CL CENTER DECK SUPPORTS AND END DECK SUPPORTS. COUNTERSUNK HOLES FACE UP.

2: FASTEN EACH BLOCK TO THE BLOCK SUPPORTS WITH TWO 3/8" X 5" LAG SCREWS AND TWO 3/8" WASHERS.



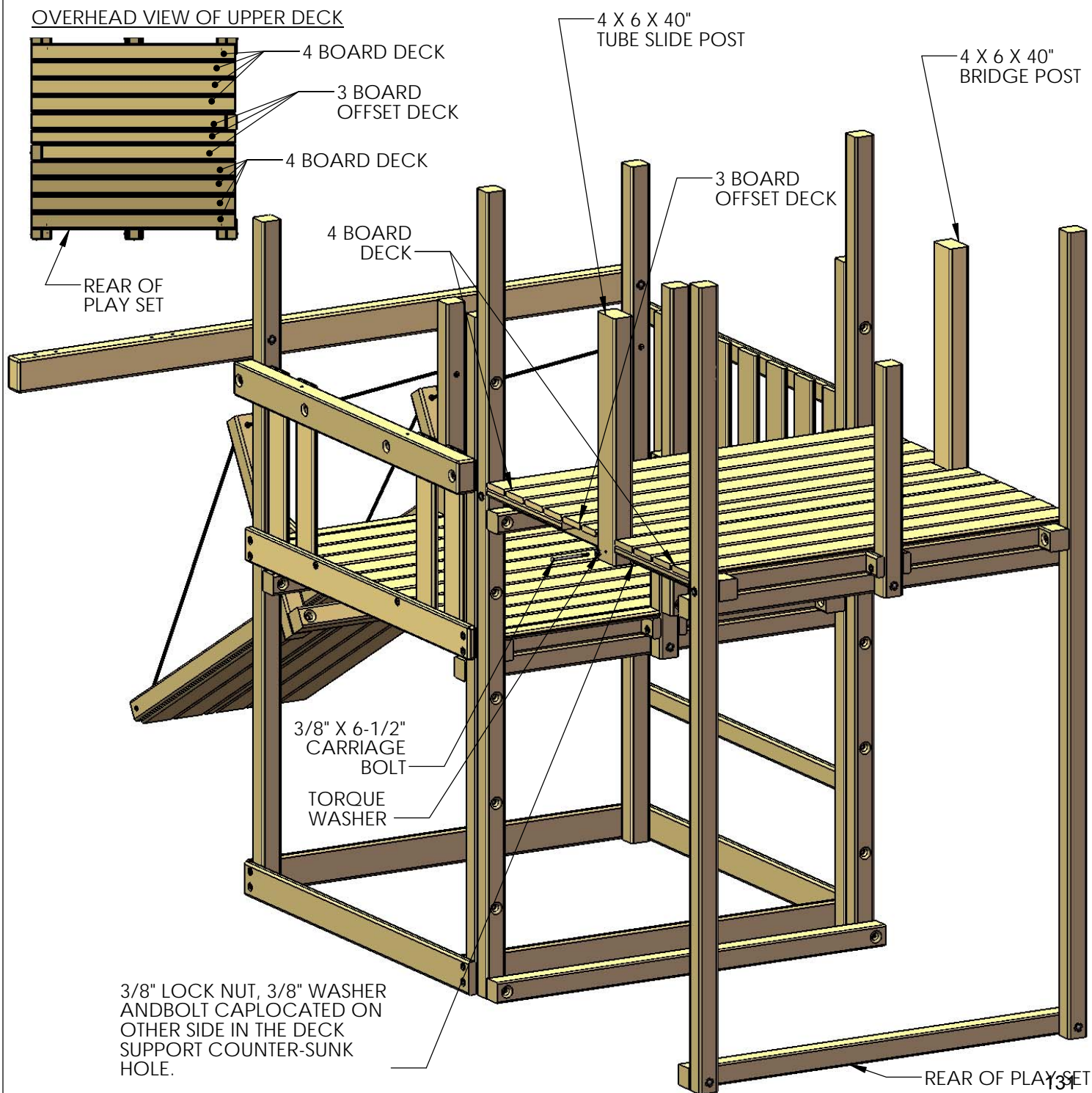


## STEP 28: CL DECK AND POSTS

1: PLACE THE 4 X 6 X 40 TUBE SLIDE POST AGAINST THE DECK SUPPORT AND LINE UP THE PILOT HOLES. FASTEN THE TUBE SLIDE POST TO THE DECK SUPPORT USING A 3/8" X 6-1/2" CARRIAGE BOLT , TORQUE WASHER, ON THE OUTSIDE AND A 3/8" WASHER, 3/8" LOCK NUT AND BOLT CAP ON THE INSIDE. REPEAT FOR 4 X 6 X 40" BRIDGE POST ON THE OTHER SIDE.

2: PLACE ONE 4 BOARD DECK PANEL AGAINST THE REAR LAG POSTS. PLACE ANOTHER 4 BOARD DECK PANEL AGAINST THE CL CORNER POSTS. PLACE THE 3-BOARD OFFSET DECK PANEL BETWEEN THE 4 BOARD DECK PANELS. ALLOW THE 2 X 4 DECK STRINGERS ON THE ENDS OF THE 4 BOARD DECK PANELS TO OVERLAP THE DECK SUPPORTS.

3: ATTACH EACH DECK BOARD TO THE DECK SUPPORTS WITH TWO 2" WOOD SCREWS WHERE THEY OVERLAP.

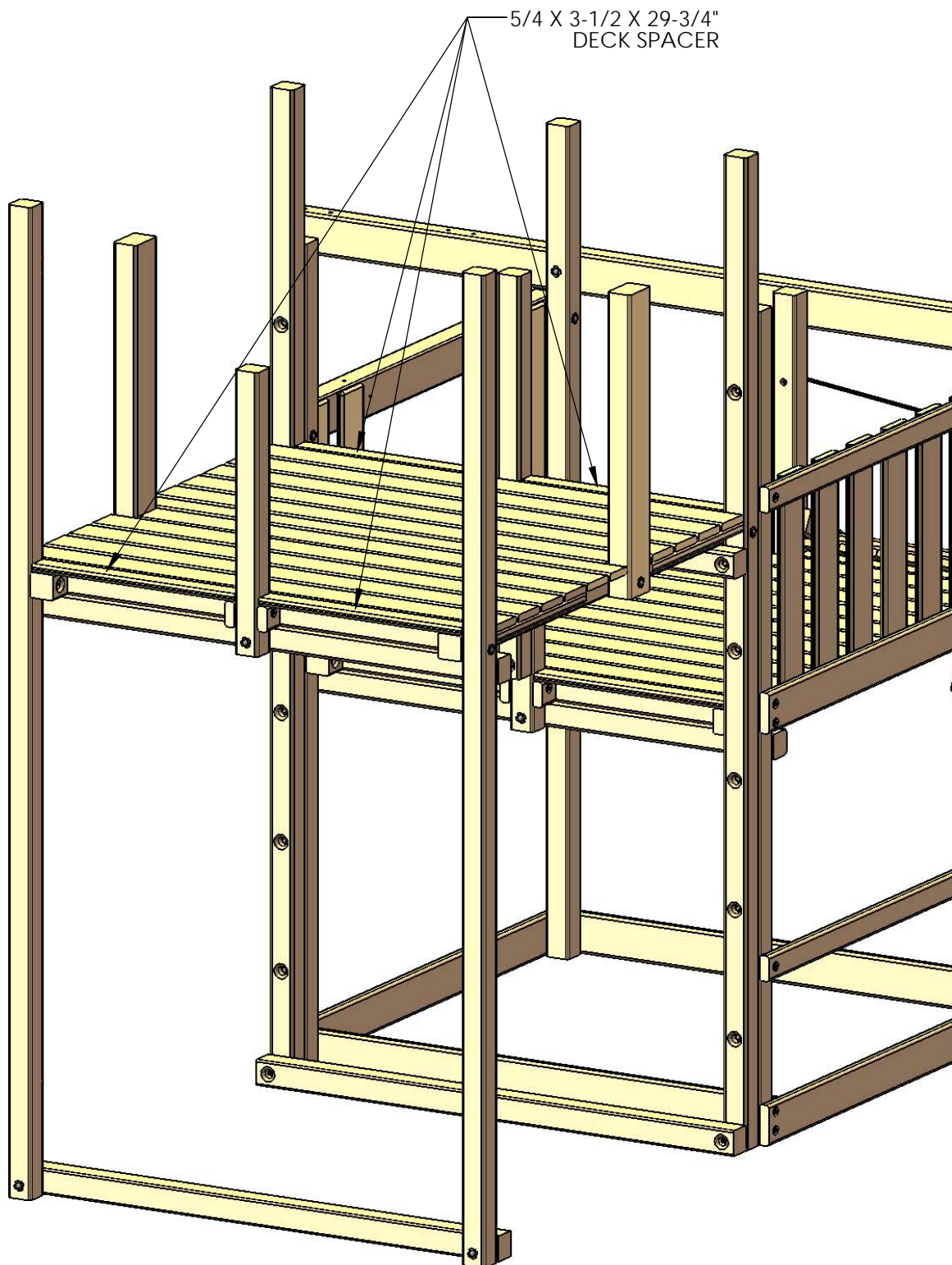




## STEP 29: DECK SPACERS

1: PLACE THE 5/4 X 3-1/2 X 29-3/4" DECK SPACERS ON TOP OF THE CL CENTER AND END DECK SUPPORTS, BETWEEN THE CL CORNER AND CENTER POSTS.

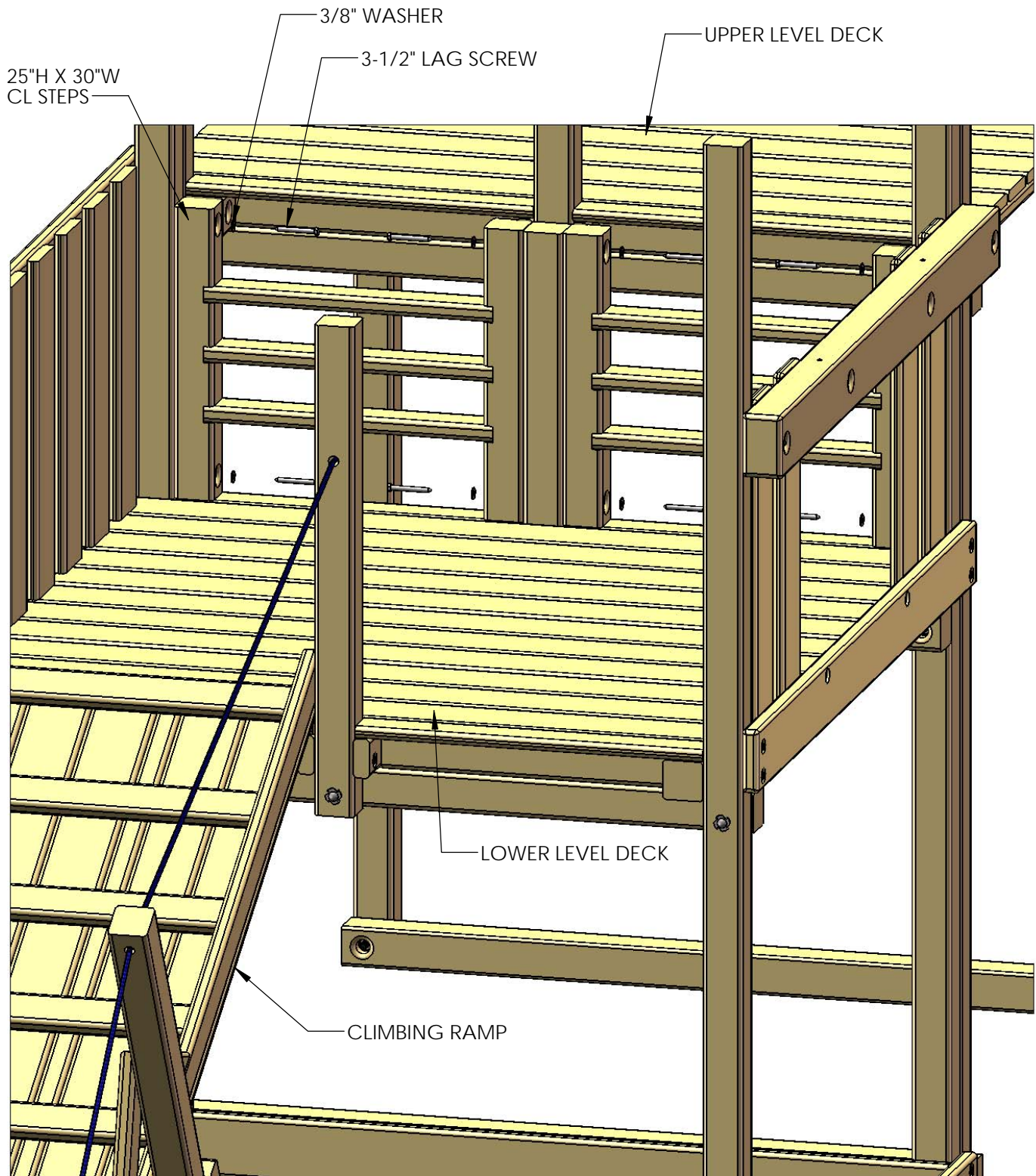
2: FASTEN THE DECK SPACERS TO THE CL CENTER AND END DECK SUPPORTS WITH FOUR 2" WOOD SCREWS EACH.



## STEP 30: CL STEPS

1: PLACE THE 25" H X 30" W CL STEPS BETWEEN THE BACK CENTER AND CORNER POSTS OF THE PLAY SET, ALLOWING THE 4 X 4 MEMBERS TO REST ON THE DECK.

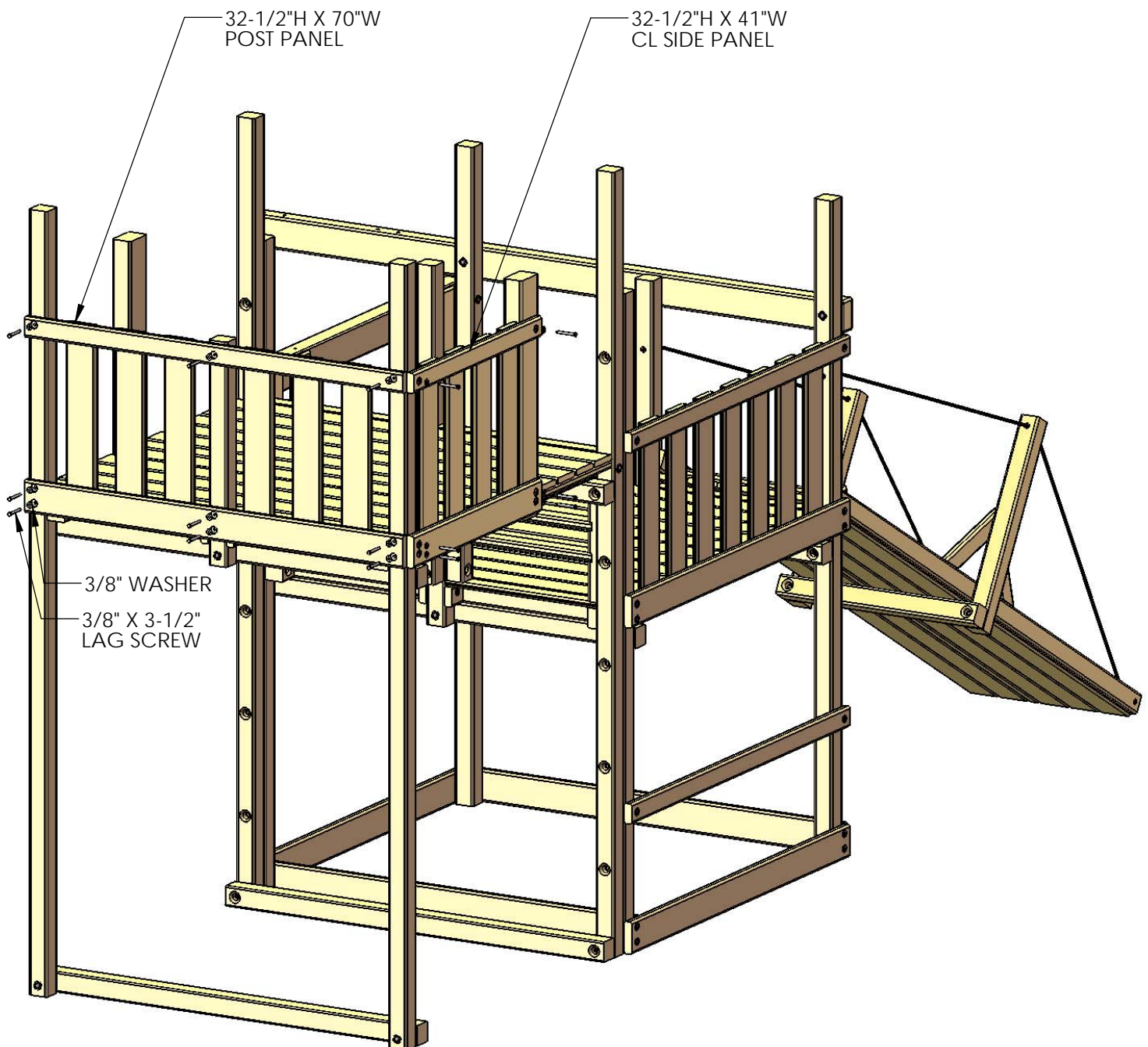
2: FASTEN THE CL STEPS TO THE CENTER AND CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS FROM THE INSIDE OF THE CL STEP 4 X 4 SIDES.



## STEP 31: CL SIDE PANEL AND POST PANEL

1: ON THE RIGHT SIDE (FROM BACK) OF THE FORT, PLACE THE CL SIDE PANEL ON THE CL CORNER AND BRIDGE POSTS, ALLOWING THE PANEL BOARDS TO REST ON THE DECK. FASTEN THE CL SIDE PANEL TO THE CL CORNER AND BRIDGE POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

2: PLACE THE POST PANEL ON THE CL CORNER POSTS, ALLOWING THE PANEL BOARDS TO REST ON THE DECK. FASTEN THE POST PANEL TO THE CL CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

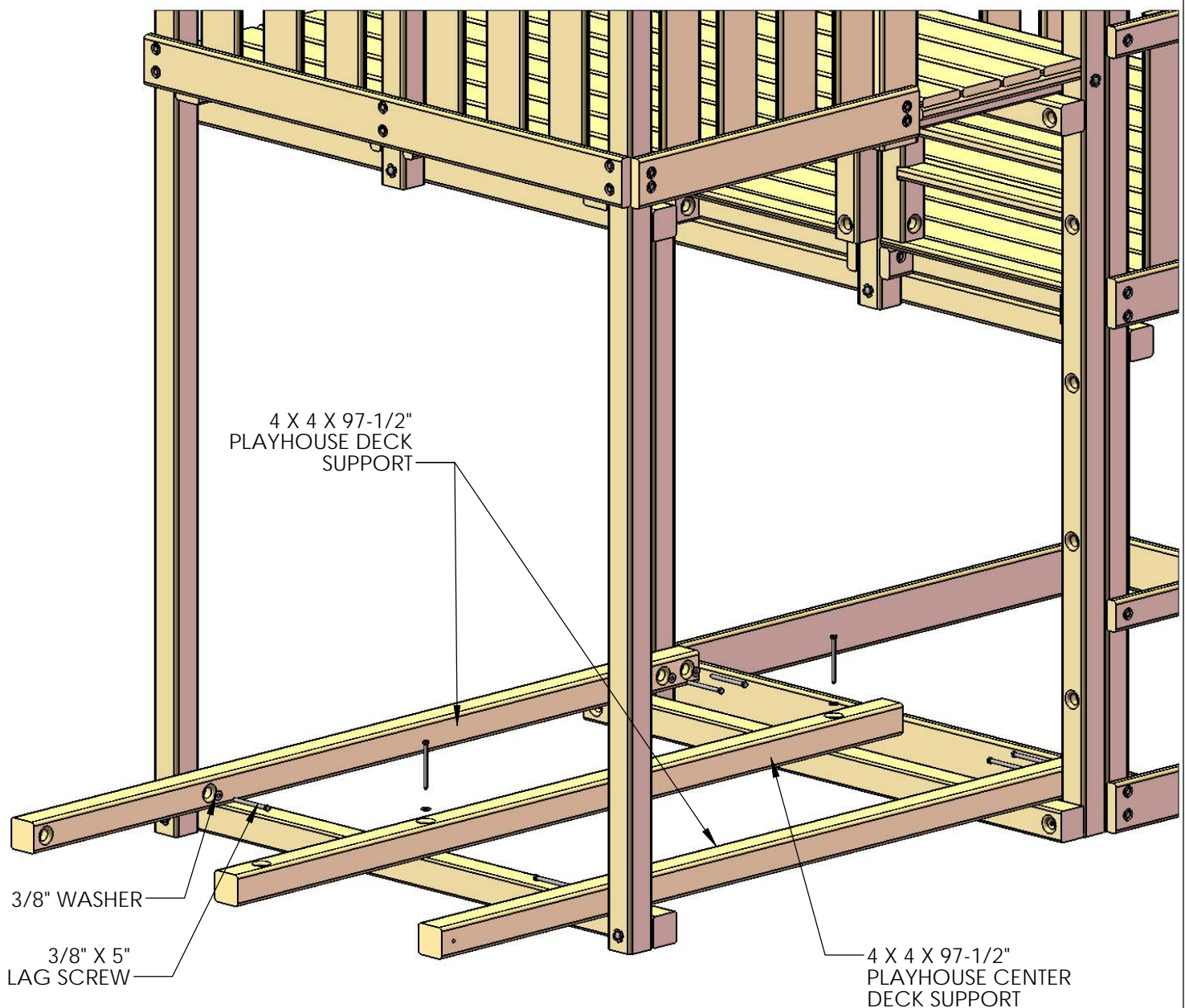




## STEP 32: PLAYHOUSE DECK SUPPORTS

1: PLACE THE TWO 4 X 4 X 97-1/2" PLAYHOUSE DECK SUPPORTS ON TOP OF THE LOWER DECK SUPPORTS. ONE END OF THE BOARDS WILL BE AGAINST THE 2 X 6 SANDBOX BOARD, AND THE OTHER END WILL OVERHANG. MAKE SURE THAT THE COUNTER-SUNK HOLES ARE FACING INSIDE THE UNIT AND ARE LINED UP WITH THE CORNER POSTS. THE END THAT OVERHANGS WILL NOT BE USED AT THIS TIME. FASTEN THE PLAYHOUSE DECK SUPPORTS TO THE CORNER POSTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.

2: PLACE THE 4 X 4 X 97-1/2" PLAYHOUSE CENTER DECK SUPPORT IN THE CENTER OF THE LOWER DECK SUPPORTS. ONE END OF THE BOARD WILL BE AGAINST THE 2 X 6 SANDBOX BOARD, AND THE OTHER END WILL OVERHANG. MAKE SURE THAT THE COUNTER-SUNK HOLES ARE FACING UP AND ARE LINED UP WITH THE LOWER DECK SUPPORTS. THE END THAT OVERHANGS WILL NOT BE USED AT THIS TIME. FASTEN THE PLAYHOUSE DECK SUPPORTS TO THE LOWER DECK SUPPORTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.

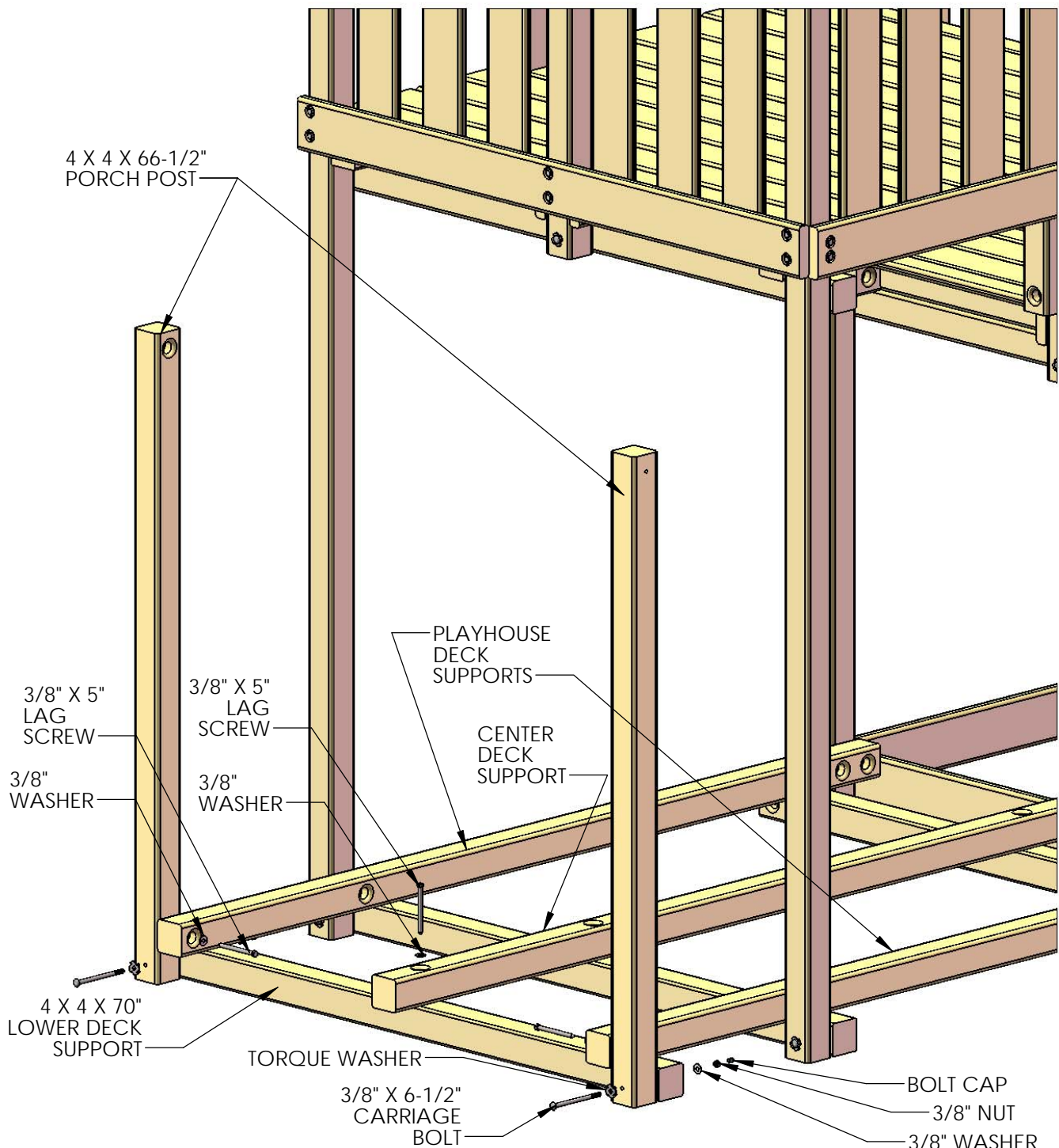




## STEP 33: PORCH POSTS AND LOWER DECK SUPPORT

1: PLACE THE 4 X 4 X 66-1/2" PORCH POSTS AGAINST THE 4 X 4 X 70" LOWER DECK SUPPORT AND LINE UP THE PILOT HOLES. THE COUNTER-SUNK HOLES ON THE TOP OF PORCH POSTS SHOULD BE FACING TOWARD EACH OTHER. THE COUNTER-SUNK HOLES IN THE LOWER DECK SUPPORT SHOULD FACE THE CL CORNER POSTS. FASTEN THE PORCH POSTS TO THE LOWER DECK SUPPORT USING 6-1/2" CARRIAGE BOLTS, TORQUE WASHERS, 3/8" WASHERS, 3/8" LOCK NUTS AND BOLT CAPS.

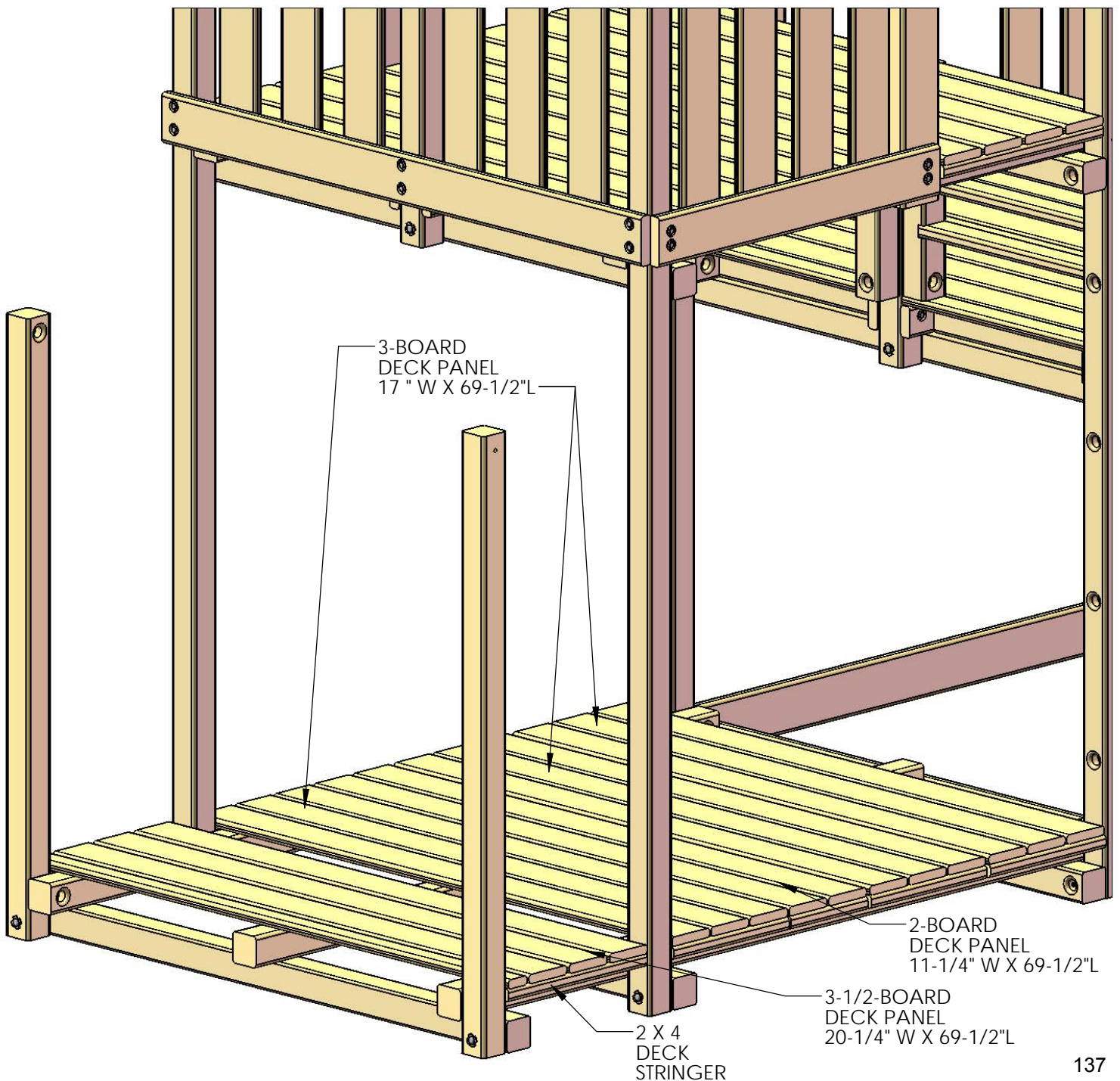
2: NEXT, SLIDE THE PORCH POSTS/LOWER DECK SUPPORT ASSEMBLY UNDERNEATH THE OVERHANGING PLAYHOUSE DECK SUPPORTS. LINE UP THE HOLES IN PLAYHOUSE DECK SUPPORTS TO THE CENTER OF THE PORCH POSTS AND FASTEN WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS. FINALLY ATTACH THE CENTER DECK SUPPORT TO THE LOWER DECK SUPPORT WITH A 3/8" X 5" LAG SCREW AND A 3/8" WASHER.



## STEP 34: LOWER DECK AND PORCH

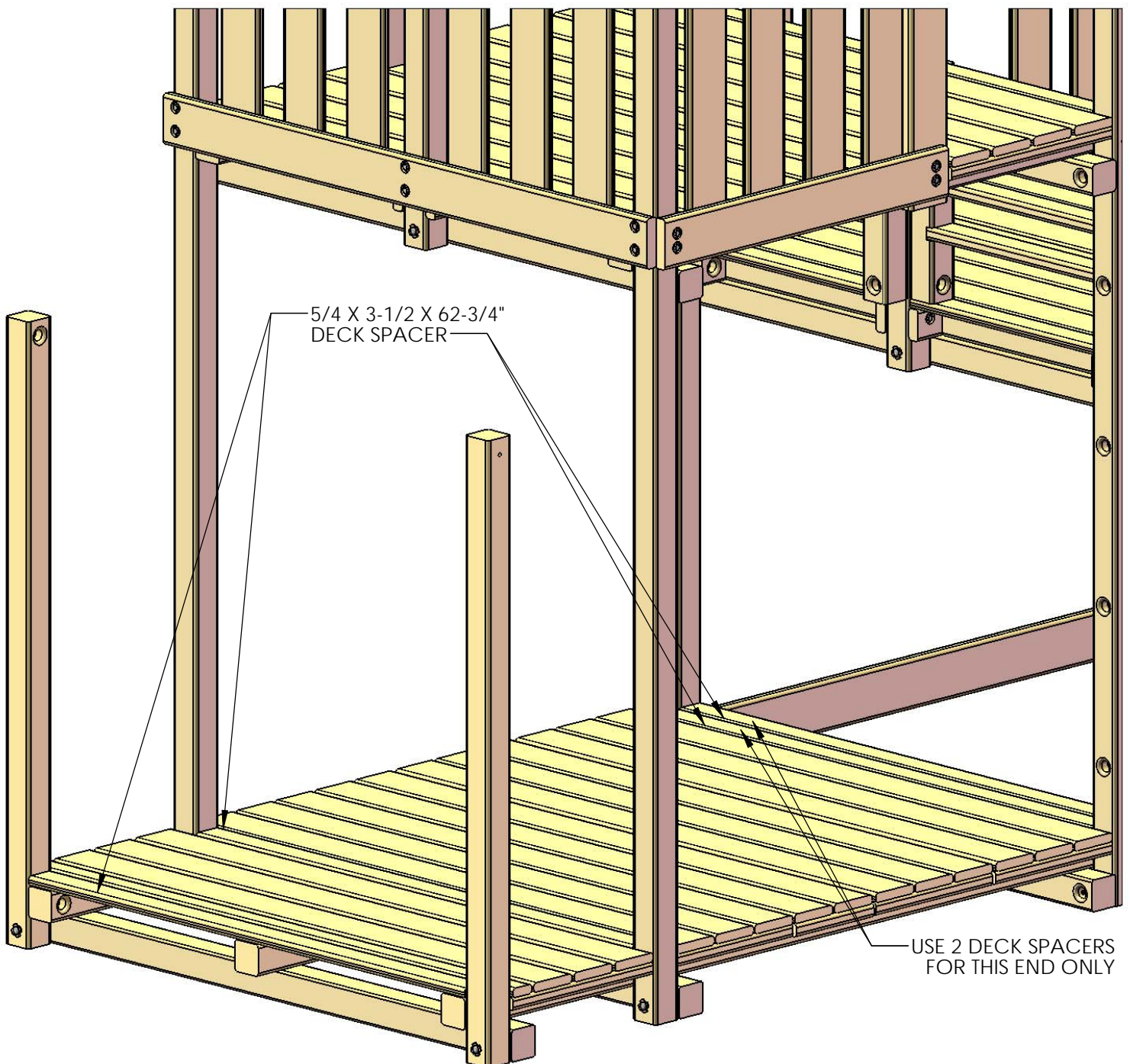
1: PLACE THREE 3-BOARD DECK PANELS (17"W X 69-1/2"L) AND ONE 2-BOARD DECK PANEL (11-1/4"W X 69-1/2"L) ACROSS THE AREA THAT WILL BE THE LOWER PLAYHOUSE AREA. ALLOW THE 2 X 4 DECK STRINGERS TO OVERLAP THE 4 X 4 PLAYHOUSE DECK SUPPORTS. ATTACH EACH DECK BOARD WHERE IT OVERLAPS A DECK SUPPORT WITH TWO 2" WOOD SCREWS.

2: PLACE THE 3-1/2-BOARD DECK PANEL (20-1/4"W X 69-1/2"L) ACROSS THE AREA THAT WILL BE THE PORCH AREA. ALLOW THE 2 X 4 DECK STRINGERS TO OVERLAP THE 4 X 4 PLAYHOUSE DECK SUPPORTS. ATTACH EACH FULL WIDTH DECK BOARD WHERE IT OVERLAPS A DECK SUPPORT WITH TWO 2" WOOD SCREWS. ATTACH THE 1/2 WIDTH DECK BOARD WITH ONE 2" WOOD SCREW WHERE IT OVERLAPS EACH DECK SUPPORT.



## STEP 35: LOWER DECK AND PORCH SPACERS

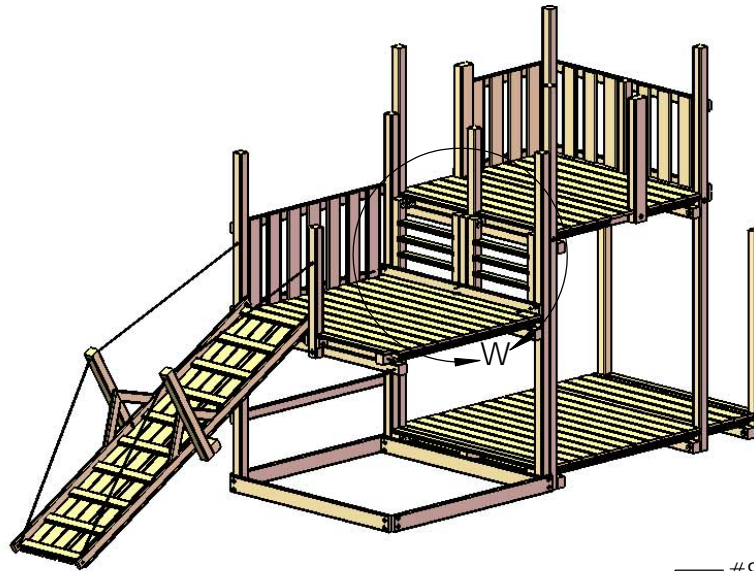
- 1: PLACE THE 5/4 X 3-1/2" X 62-3/4" DECK SPACERS ACROSS THE PORCH DECK SUPPORTS BETWEEN THE CORNER POSTS.
- 2: FASTEN WITH EACH DECK SPACER WHERE IT OVERLAPS A DECK SUPPORT WITH TWO 2" WOOD SCREWS.



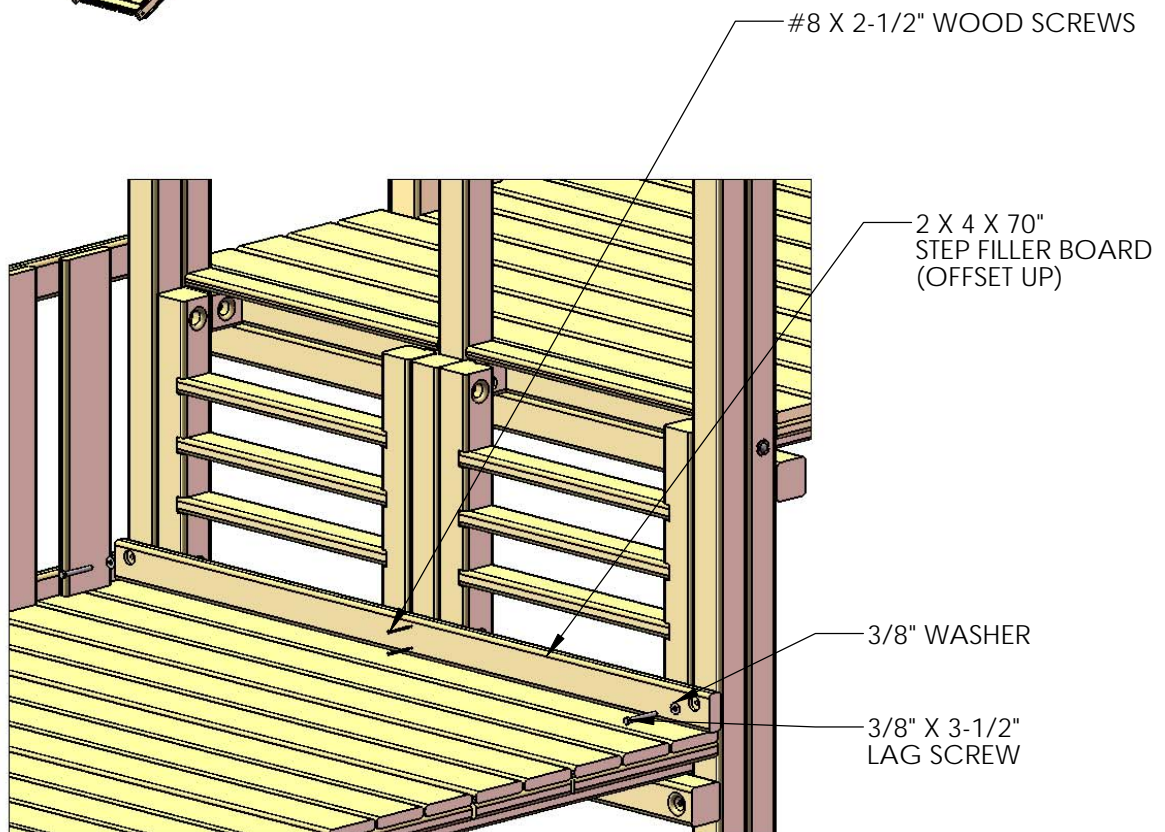


## STEP 36: STEP FILLER BOARD

- 1: PLACE THE 2 X 4 X 70" STEP FILLER BOARD (OFFSET UP) ACROSS THE BOTTOM OF THE CL STEPS.
- 2: ATTACH THE STEP FILLER BOARD TO THE CORNER POSTS AND CENTER POST WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS ONE EACH END. IN THE CENTER ATTACH THE STEP FILLER BOARD TO THE CENTER POST WITH TWO #8 X 2-1/2" WOOD SCREWS.



NOTE: SOME BOARDS AND PANELS REMOVED FOR CLARITY.



DETAIL W  
SCALE 1 : 16



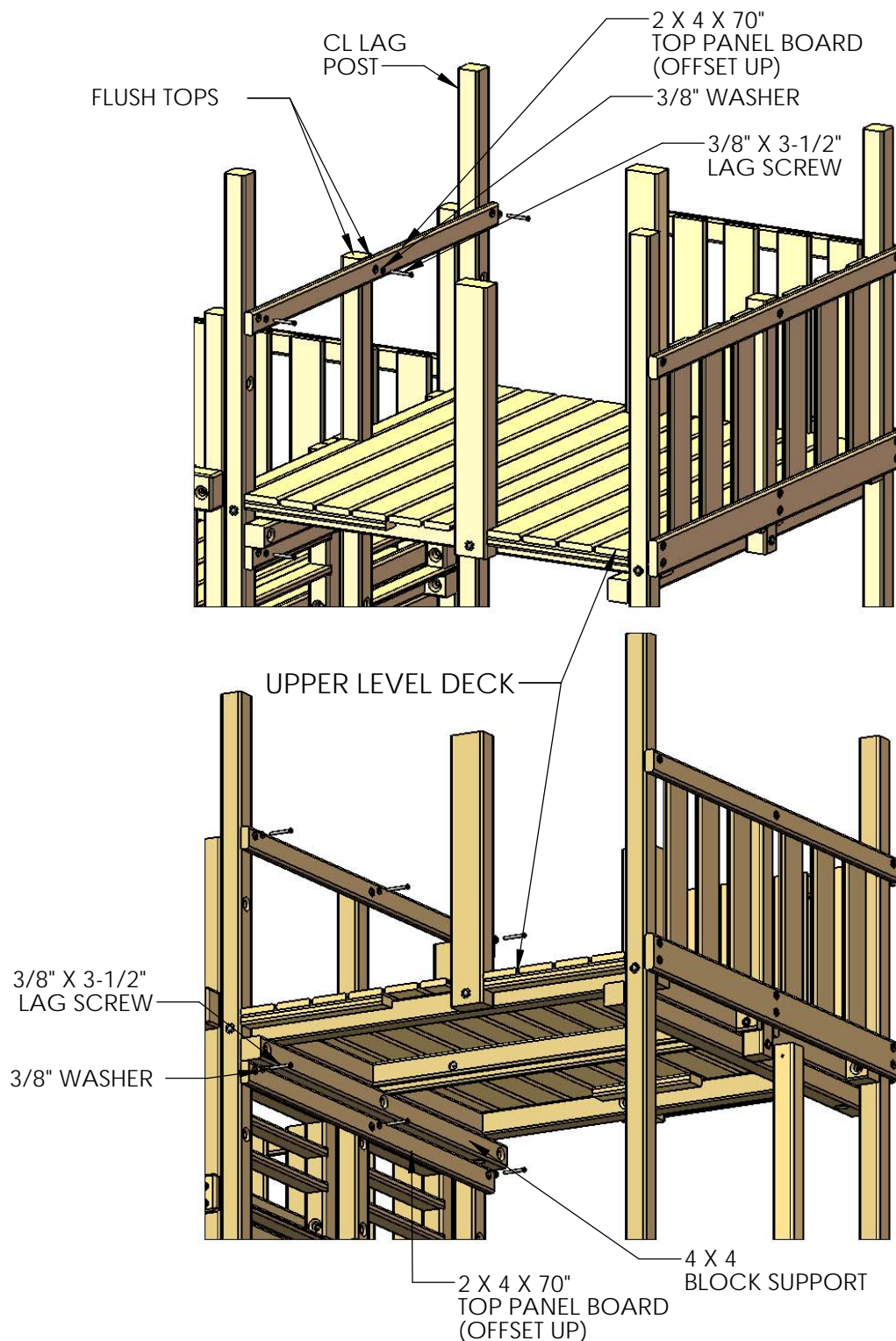
## STEP 37: TOP PANEL BOARDS

1: PLACE THE 2 X 4 X 70" TOP PANEL BOARD (OFFSET UP) AGAINST THE CL LAG POSTS ON THE UPPER LEVEL DECK. MAKE THE TOP SURFACE OF THE TOP PANEL BOARD FLUSH WITH THE TOP OF THE CENTER POST. LEVEL THE TOP PANEL BOARD.

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

3: PLACE THE 2 X 4 X 70" TOP PANEL BOARD (OFFSET UP) UNDERNEATH THE 4 X 4 BLOCK SUPPORT UNDERNEATH THE UPPER LEVEL DECK.

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

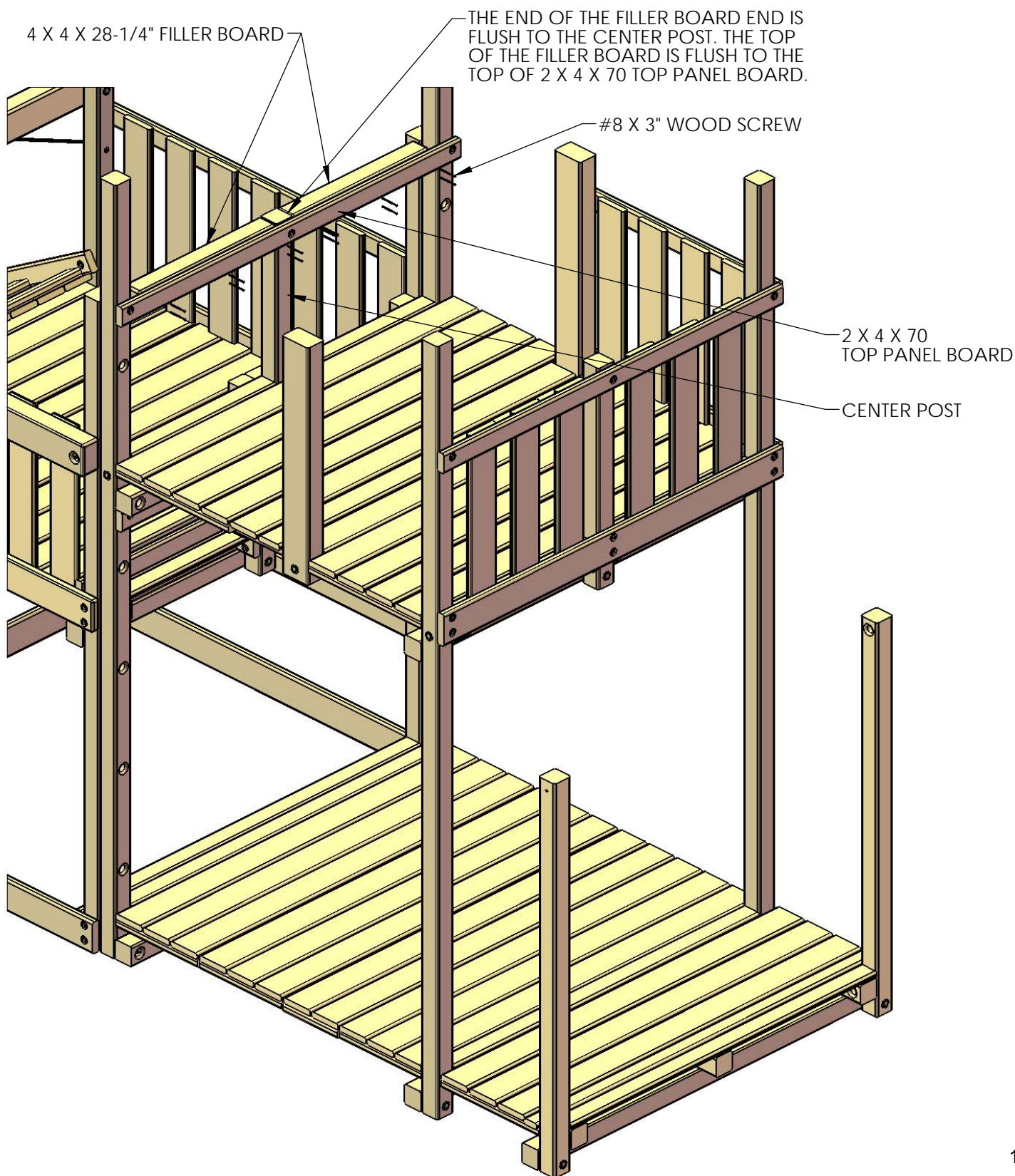


## STEP 38: 4 X 4 FILLER BOARDS

1: PLACE A 4 X 4 X 28-1/4" FILLER BOARD ON THE LOWER DECK SIDE OF THE 2 X 4 X 70 TOP PANEL BOARD. THE TOP SURFACE OF THE FILLER BOARD SHOULD BE FLUSH TO THE TOP OF THE 2 X 4 X 70 TOP PANEL BOARD. ALSO THE END OF THE FILLER BOARD SHOULD BE FLUSH TO THE CENTER POST.

2: ATTACH THE FILLER BOARD TO THE PANEL BOARD WITH SIX #8 X 3" WOOD SCREWS.

3: REPEAT THIS PROCESS FOR THE OTHER 4 X 4 X 28-1/4" FILLER BOARD.

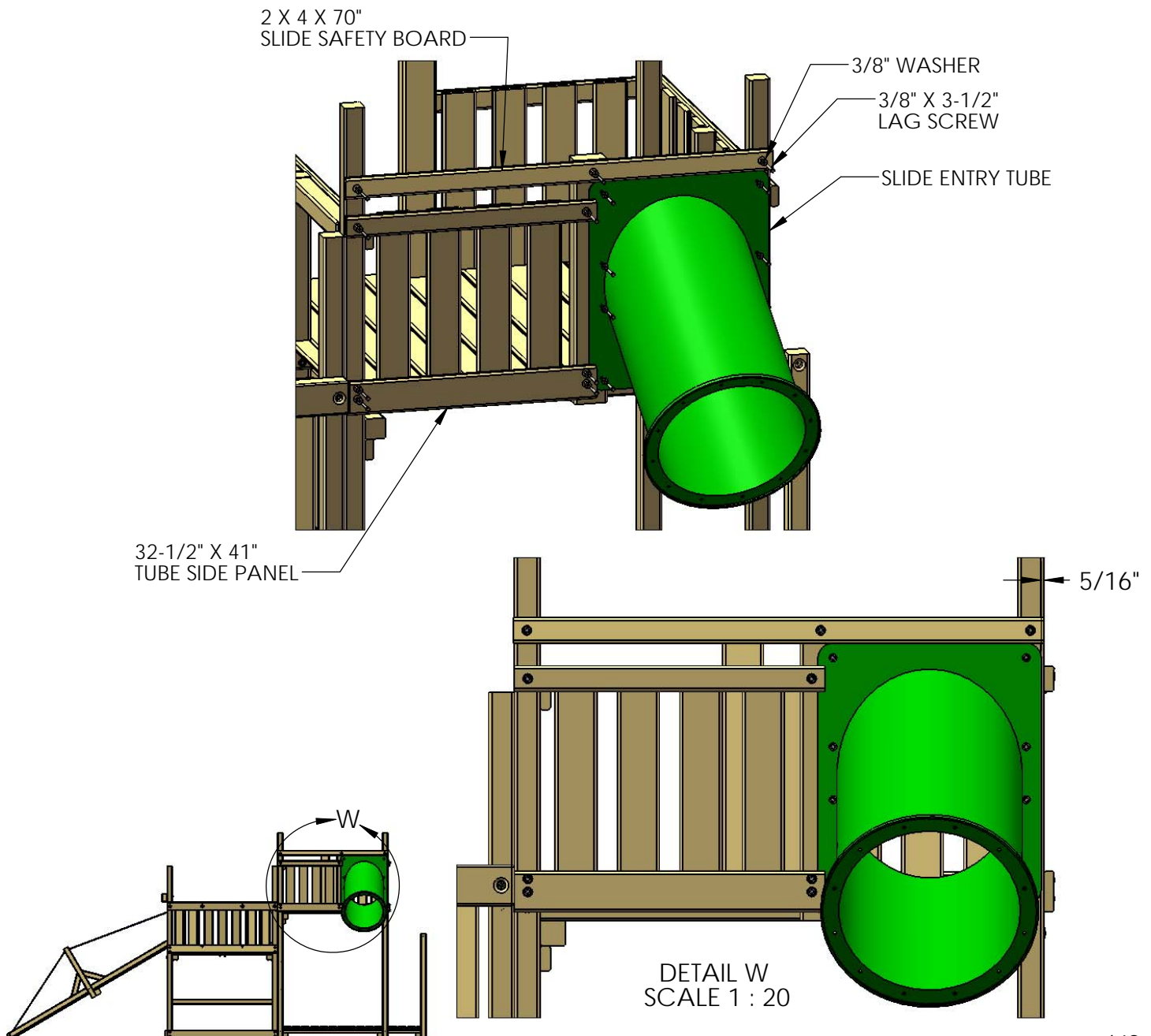


## STEP 39: SLIDE ENTRY TUBE AND TUBE SIDE PANEL

1: PLACE THE 2 X 4 X 70" SLIDE SAFETY BOARD ACROSS THE CL CORNER, TUBE SLIDE, AND CL LAG POSTS. THE TOP OF THE SLIDE SAFETY BOARD SHOULD BE FLUSH WITH THE TOP OF THE TUBE SLIDE POST. FASTEN THE SLIDE SAFETY BOARD TO THE POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

2: PLACE THE SLIDE ENTRY TUBE ACROSS THE CL CORNER POST AND TUBE SLIDE POST. THE TOP OF THE SLIDE ENTRY TUBE FLANGE SHOULD BE FLUSH WITH THE BOTTOM OF THE SLIDE SAFETY BOARD. THE RIGHT EDGE OF THE SLIDE ENTRY TUBE SHOULD BE 5/16" FROM THE REAR OF THE CL CORNER POST. FASTEN THE SLIDE ENTRY TUBE TO THE CL CORNER POST AND TUBE SLIDE POST WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

3: PLACE THE 32-1/2" X 41" TUBE SIDE PANEL ACROSS THE CL CORNER LAG POST AND THE TUBE SLIDE POST WITH THE PANEL SLATS RESTING ON THE DECK. FASTEN THE TUBE SIDE PANEL TO THE CL CORNER LAG POST AND TUBE SLIDE POST WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.





## STEP 40: PLAYHOUSE WALLS

1: PLACE THE WALL PANEL DIRECTLY AGAINST THE CORNER POSTS ALLOWING THE VERTICAL WALL SLATS TO REST ON THE DECK. FASTEN THE WALL PANEL TO THE UNIT WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

2: PLACE A 2-3/4" X 13-1/2" X 70" CLOSEOUT PANEL (HOLES OFFSET UP) DIRECTLY ABOVE THE WALL PANEL AND FASTEN TO THE UNIT WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS. ATTACHED TO EACH CLOSEOUT PANEL THERE ARE TWO 2 X 4 X 13-1/2" BATTEN BOARDS. ON THE INSIDE OF THE WALL PANEL ATTACH EACH 2 X 4 X 13-1/2" BATTEN TO THE WALL PANEL WITH TWO 2-1/2" WOOD SCREWS.

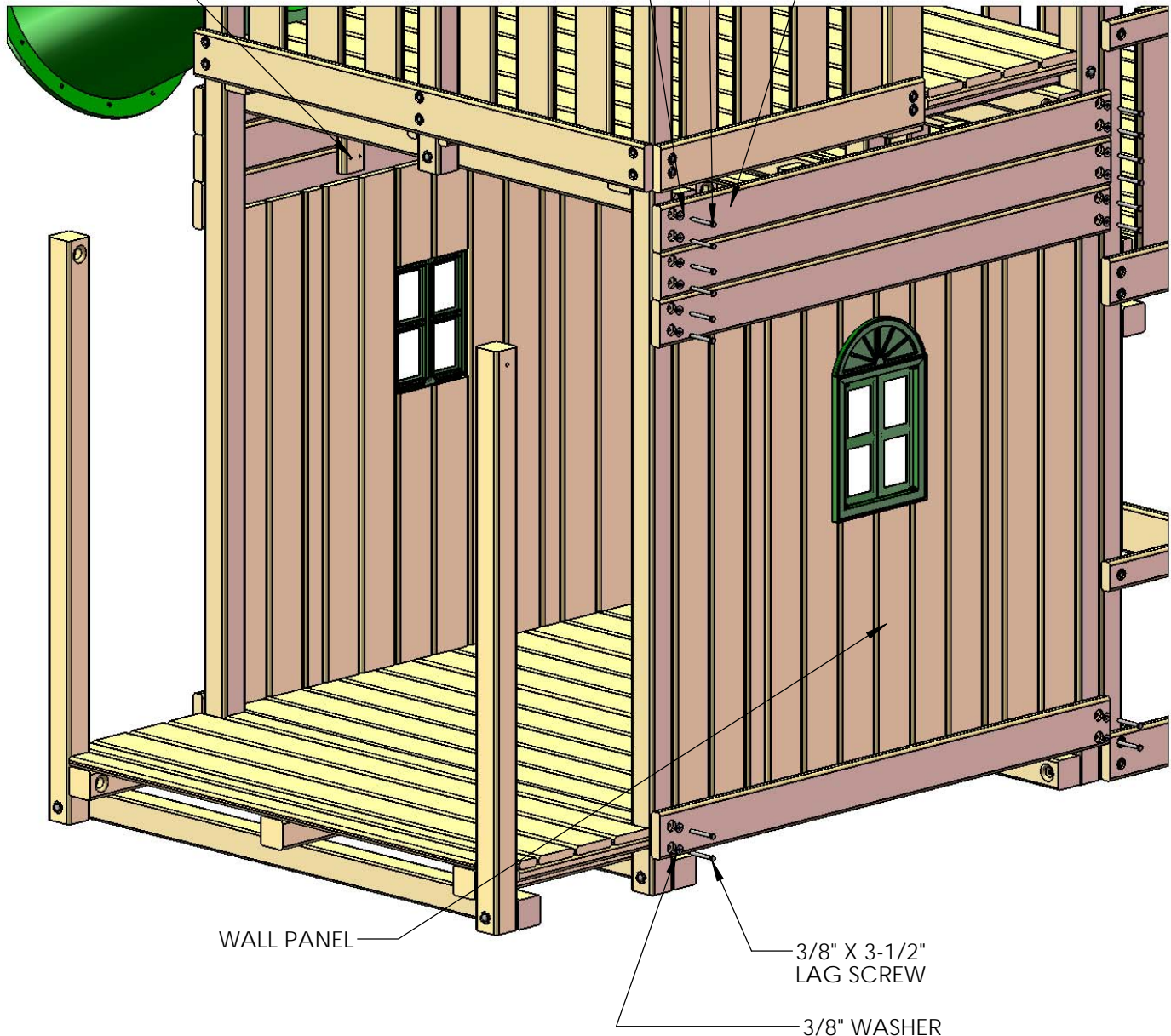
3: REPEAT THIS PROCESS FOR THE OTHER SIDE OF THE UNIT.

2 X 4 X 13-1/2" BATTEN  
ATTACH EACH ONE TO  
THE WALL PANEL WITH  
TWO 2-1/2" WOOD  
SCREWS.

3/8" X 3-1/2" LAG SCREW

3/8" WASHER

2-3/4" X 13-1/2" X 70"  
CLOSEOUT PANEL  
(HOLES OFFSET UP)



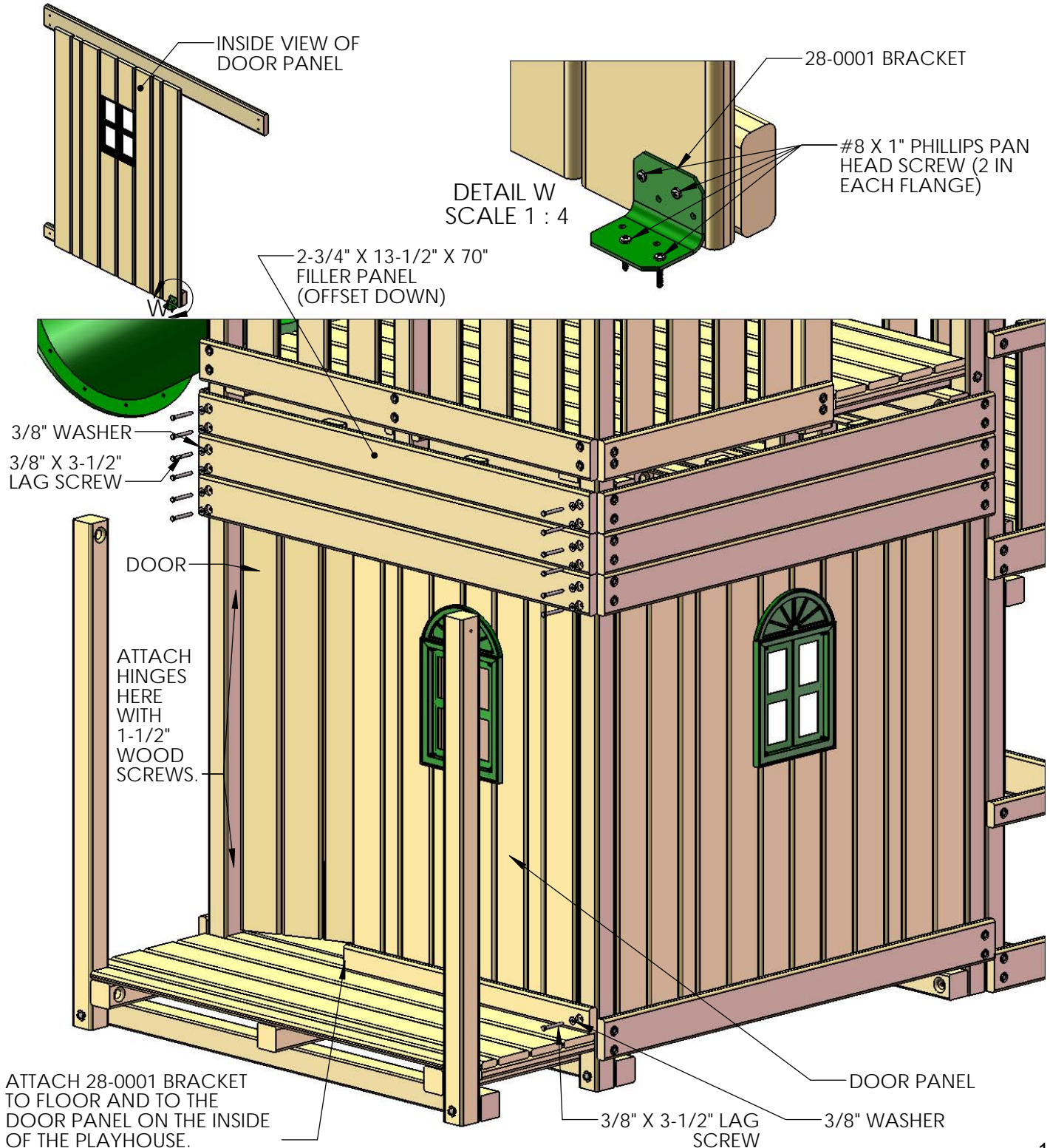


# STEP 41: PLAYHOUSE DOOR PANEL AND DOOR

1: PLACE THE DOOR PANEL ON THE DECK. FASTEN THE DOOR PANEL TO THE UNIT WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS. FASTEN THE BOTTOM CORNER OF THE DOOR PANEL TO THE FLOOR ON THE INSIDE OF THE PLAY HOUSE WITH A 28-0001 BRACKET AND #8 X 1" PHILLIPS PAN HEAD SCREWS AS SHOWN IN THE TOP RIGHT PICTURE BELOW.

2: FASTEN THE DOOR HINGE TO THE INSIDE OF THE CORNER POST WITH 1-1/2" WOOD SCREWS, USE TWO PIECES OF THE BOX AS A SHIM TO RAISE THE DOOR OFF OF THE DECK FOR PROPER CLEARANCE. THE DOOR WILL OPERATE WITH AN IN-SWING.

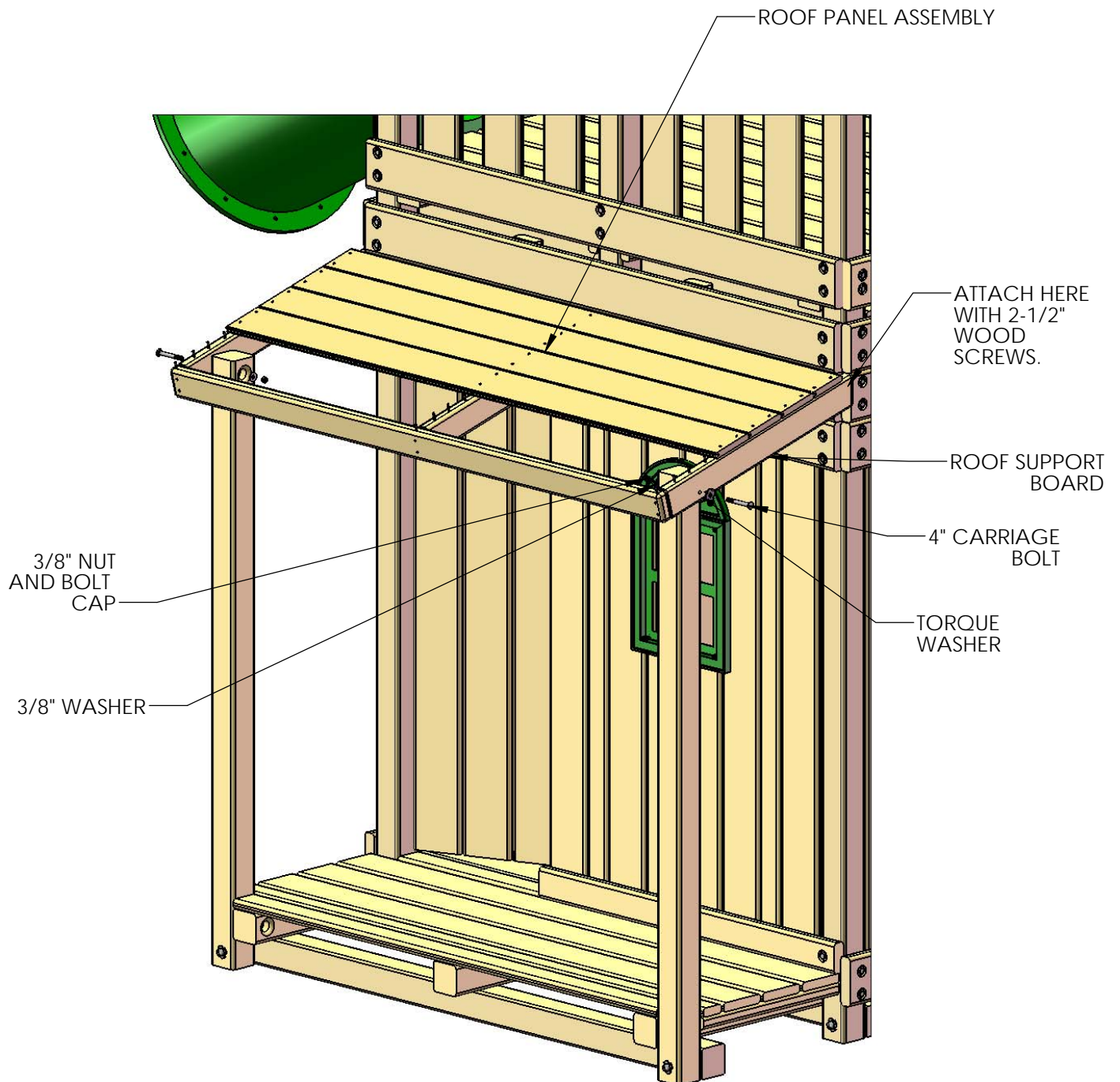
3: PLACE A 2-3/4" X 13-1/2" X 70" FILLER PANEL (OFFSET DOWN) DIRECTLY ABOVE THE DOOR PANEL AND FASTEN TO THE UNIT WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS. FASTEN THE TWO BATTENS ON THE FILLER PANEL TO THE DOOR PANEL WITH #8 X 2-1/2" WOOD SCREWS.



## STEP 42: PLAYHOUSE ROOF

1: PLACE THE ROOF SUPPORTS WITH THE ANGLED END FLUSH AGAINST THE SIDES OF THE FILLER PANEL AND LINE UP THE PILOT HOLES IN THE ROOF SUPPORT AND PORCH POST. FASTEN THE ROOF SUPPORTS TO THE PORCH PANELS USING 4" CARRIAGE BOLTS WITH TORQUE WASHERS, AND 3/8" NUTS WITH 3/8" WASHERS. PLACE BOLT CAPS OVER ANY EXPOSED THREADS.

2: FASTEN THE ANGLED END OF THE ROOF SUPPORTS TO THE FILLER PANEL WITH 2-1/2" WOOD SCREWS.



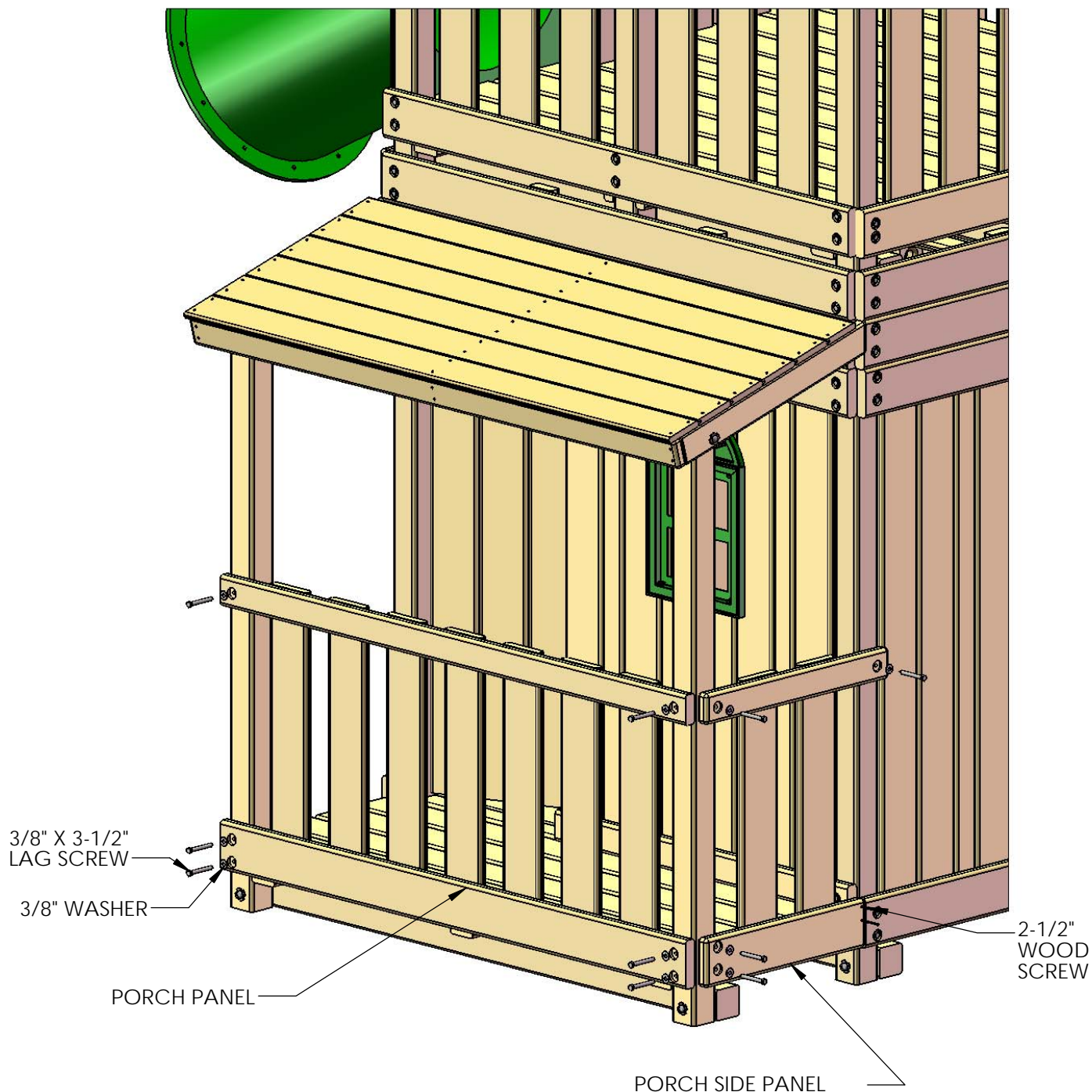
## STEP 43: PORCH PANELS

1: PLACE THE 32-1/2" X 70" PORCH PANEL AGAINST THE PORCH POSTS AND ALLOW THE SLATS OF THE PANEL TO REST ON THE PORCH DECK BOARDS.

2: FASTEN THE PORCH PANEL TO THE PORCH POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

3: PLACE THE 32-1/2" X 27-1/2" PORCH SIDE PANEL AGAINST THE PORCH AND REAR CORNER POSTS AND ALLOW THE SLATS OF THE PANEL TO REST ON THE PORCH DECK BOARDS.

4: FASTEN THE PORCH SIDE PANEL TO THE POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 2-1/2" WOOD SCREWS.

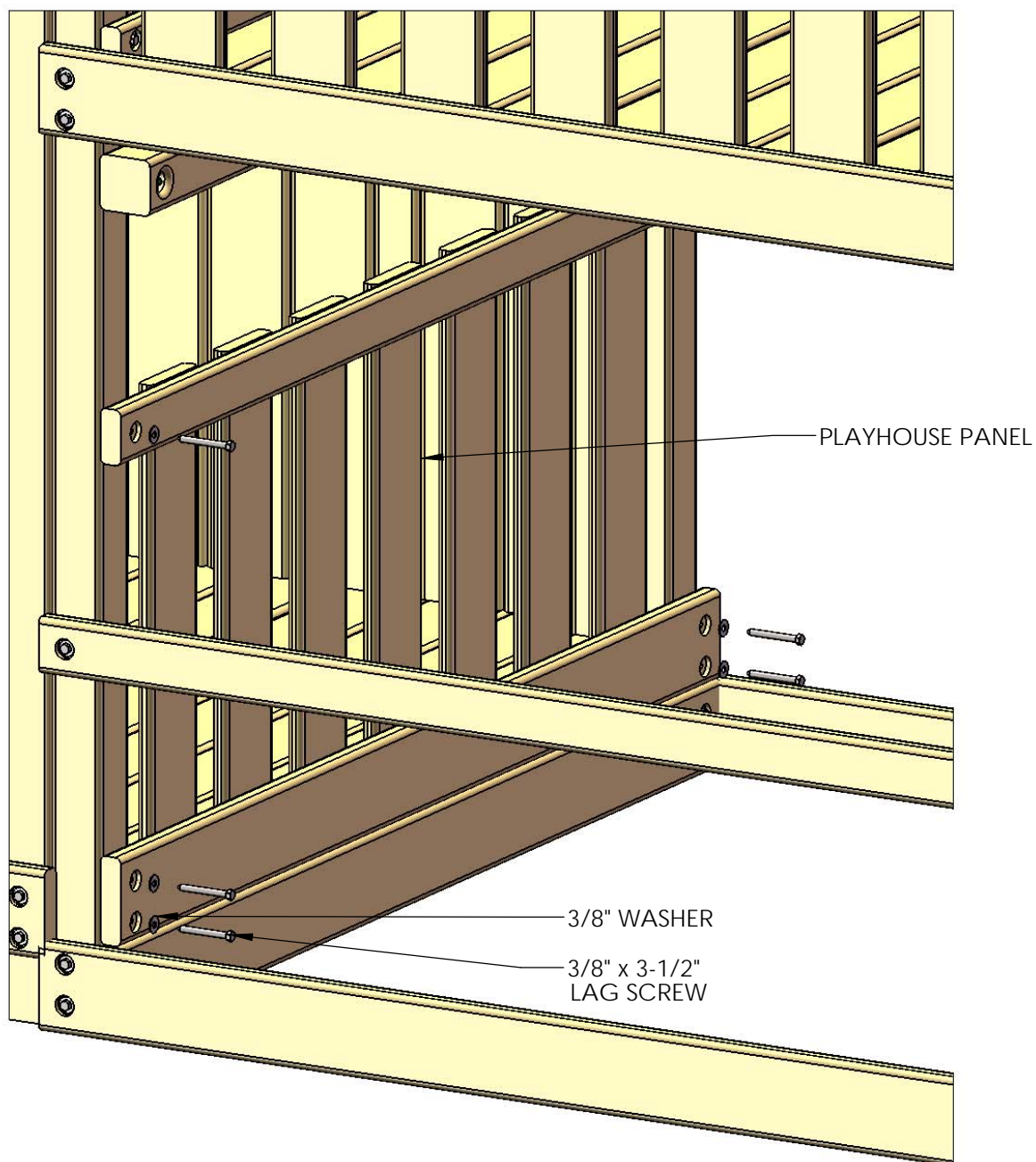




## STEP 44: PLAYHOUSE PANEL

1: PLACE THE 32-1/2" X 70" PLAYHOUSE PANEL AGAINST THE CORNER POSTS AT THE OPENING OF THE PLAYHOUSE ON THE FRONT SIDE OF THE PLAY SET UNDER THE LOWER LEVEL DECK, ALLOWING THE PANEL SLATS TO REST ON TOP OF THE DECK.

2: FASTEN THE PLAYHOUSE PANEL TO THE CORNER POSTS USING 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

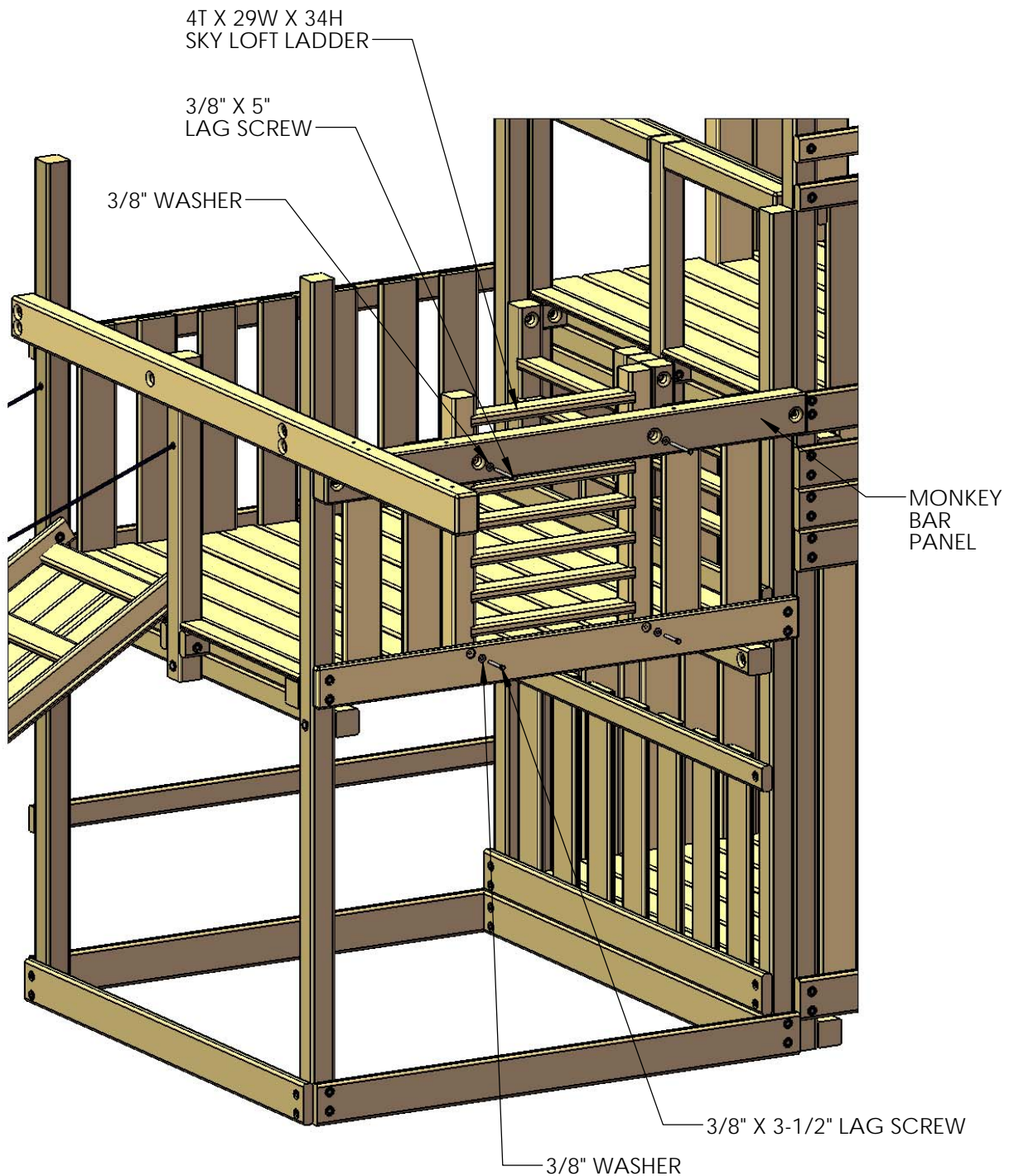




## STEP 45: SKY LOFT LADDER

1: PLACE THE 4T X 29W X 34H SKY LOFT LADDER ON TOP OF THE DECK. THE 4 X 4 MEMBERS OF THE LADDER SHOULD BE CENTERED BEHIND THE HOLES IN THE MONKEY BAR PANEL.

2: FASTEN THE SKY LOFT LADDER TO THE MONKEY BAR PANEL AT THE TOP WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS. FASTEN THE SKY LOFT LADDER TO THE MONKEY BAR PANEL AT THE BOTTOM WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



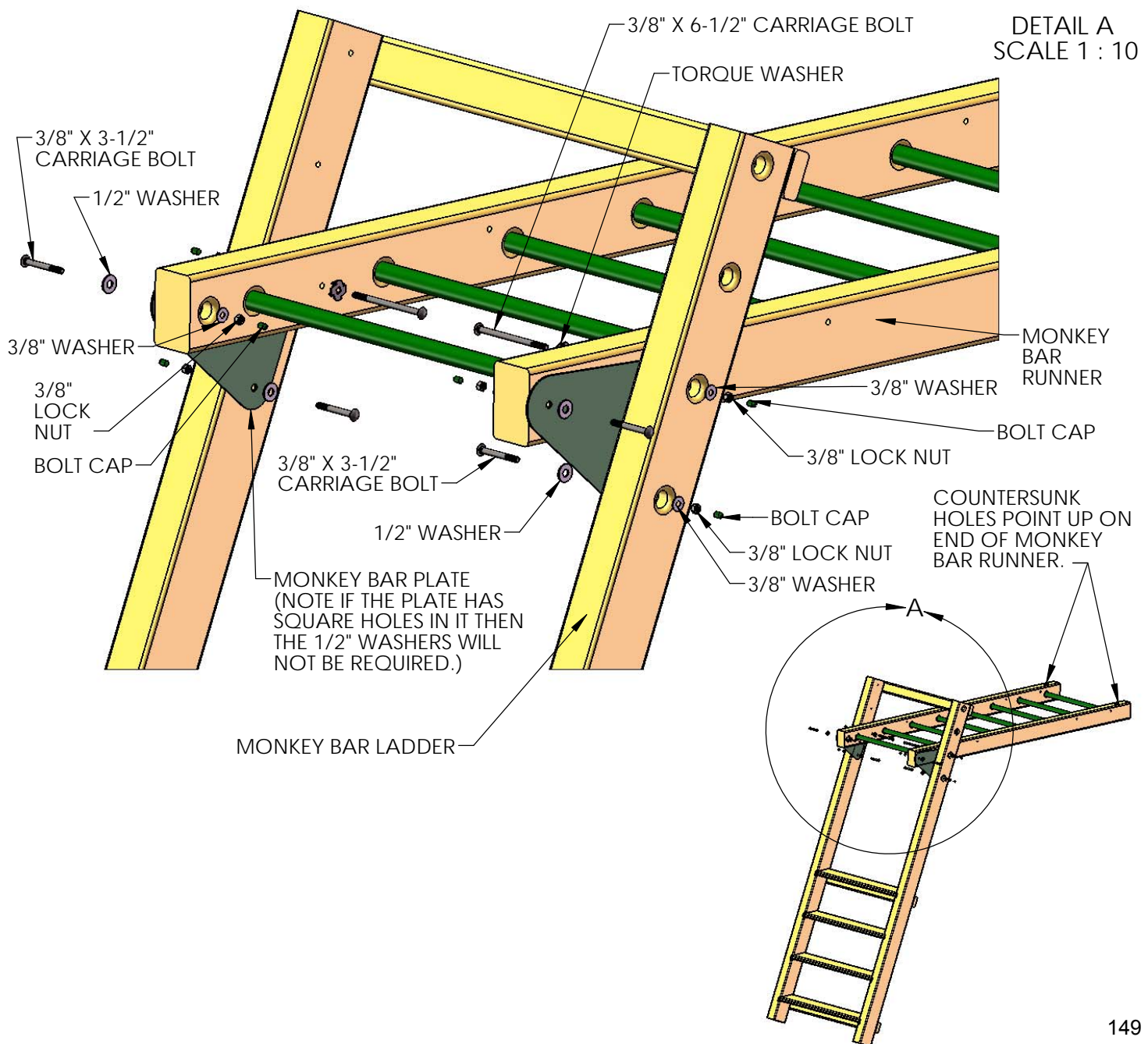
## STEP 46: SKY LOFT MONKEY BARS

1: LOCATE THE MONKEY BAR LADDER AND THE MONKEY BAR RUNNER AND TWO TRIANGULAR SHAPED MONKEY BAR PLATES.

2: PLACE THE MONKEY BAR PLATES BETWEEN THE OUTSIDE OF THE MONKEY BAR RUNNER AND THE INSIDE OF THE MONKEY BAR LADDER AS SHOWN. USE THE LOWEST HOLES ON THE MONKEY BAR LADDER. THE TWO COUNTERSUNK HOLES IN THE END OF THE MONKEY BAR RUNNER (SEE BOTTOM RIGHT PICTURE) SHOULD FACE UP.

3: SEE BELOW FOR EXACT PLACEMENT OF THE 6-1/2" AND 3-1/2" CARRIAGE BOLTS. THE 6-1/2" CARRIAGE BOLT WILL BE PAIRED WITH A TORQUE WASHER. THE 3-1/2" CARRIAGE BOLT WILL BE PAIRED WITH A 1/2" WASHER. (NOTE: IF THE HOLES IN THE MONKEY BAR PLATE ARE SQUARE THEN THE 1/2" WASHERS WILL NOT BE REQUIRED.) IF YOU DO USE THE 1/2" WASHERS THEN YOU WILL NEED TO USE LOCKING PLIERS (VISE GRIPS) TO HOLD THE HEAD OF THE CARRIAGE BOLT WHILE TIGHTENING THE LOCK NUT.

NOTE: THE FOUR HOLES IN THE LADDER ARE FOR VARIANCES IN GRADE IN YOUR YARD. IF YOUR YARD IS LEVEL THEN USE THE LOWEST HOLES FOR ASSEMBLY. IF YOUR YARD IS SLOPING DOWNWARDS FROM THE PLAY SET THEN YOU MAY HAVE TO USE THE MIDDLE TWO HOLES OR UPPER TWO HOLES DEPENDING UPON HOW MUCH YOUR YARD SLOPES.

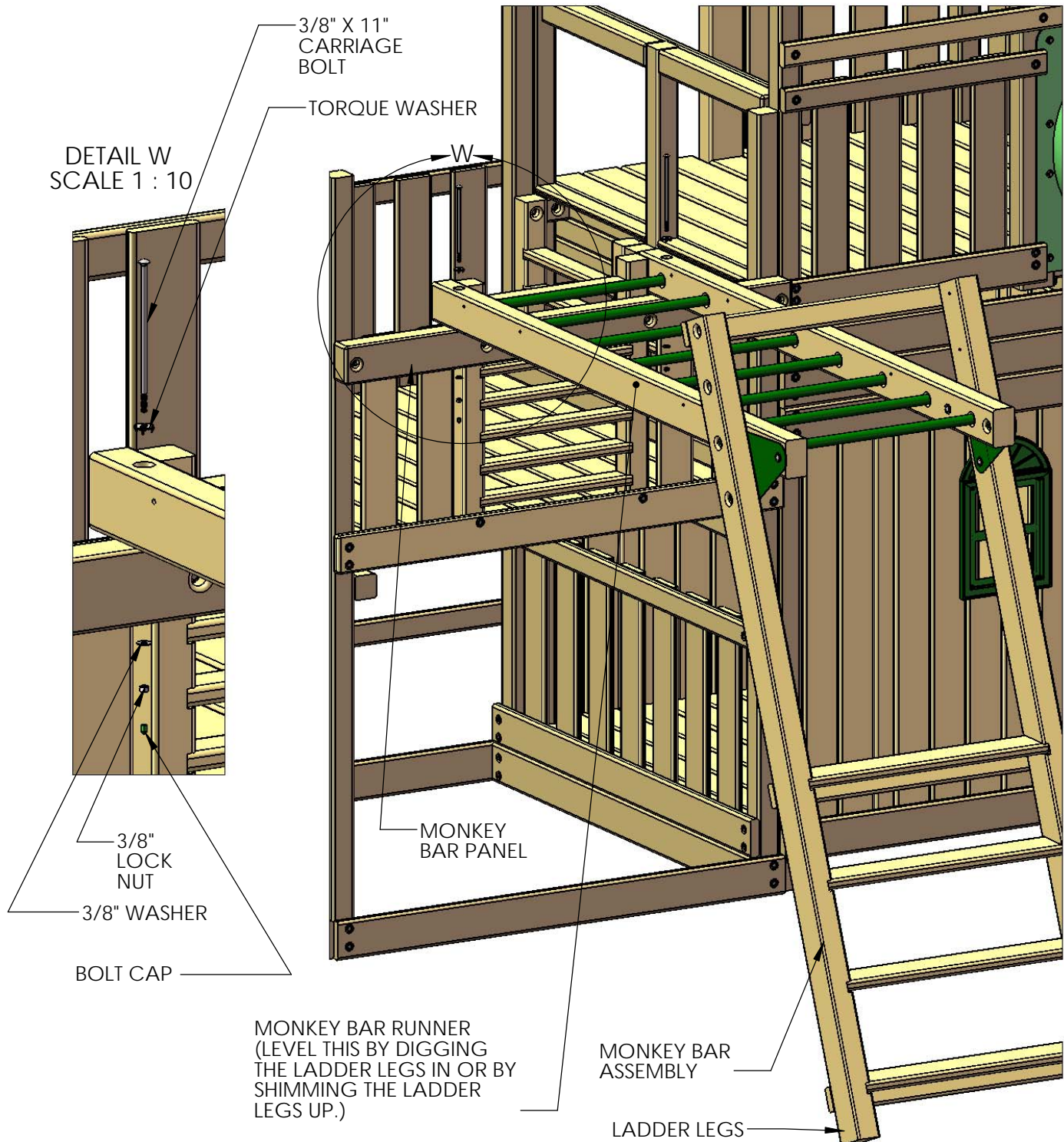


## STEP 47: ATTACHING THE MONKEY BARS

1: PLACE THE ASSEMBLED MONKEY BARS ON TOP OF THE MONKEY BAR PANEL ON CENTER. LINE UP THE HOLES IN THE END OF THE MONKEY BAR RUNNER WITH THE HOLES IN THE 4 X 6 MEMBER OF THE MONKEY BAR PANEL.

2: ATTACH THE MONKEY BAR ASSEMBLY TO THE MONKEY BAR SUPPORT WITH 3/8" X 11" CARRIAGE BOLTS WITH TORQUE WASHERS ON TOP AND 3/8" WASHERS, 3/8" LOCK NUTS ON BOTTOM. COVER ANY EXPOSED THREADS WITH BOLT CAPS.

3: LEVEL THE MONKEY BAR RUNNER SINCE THIS WILL BECOME THE FLOOR JOISTS OF THE SKY LOFT. SHIM THE LADDER LEGS UP OR DIG THE LADDER LEGS IN TO LEVEL THE MONKEY BAR RUNNER.





## STEP 48: CORNER POSTS

1: FIND FOUR 4 X 4 X 54" CORNER POSTS, THE ORIENTATION OF THE POSTS ARE IMPORTANT IN THIS STEP. THE SINGLE COUNTER-SUNK HOLE AT THE TOP OF THE POSTS MUST FACE TOWARD EACH OTHER.

2: THE TOP COUNTER-SUNK HOLE OF THE CORNER POSTS WILL ATTACH TO THE HOLES IN THE MONKEY BAR RUNNER.

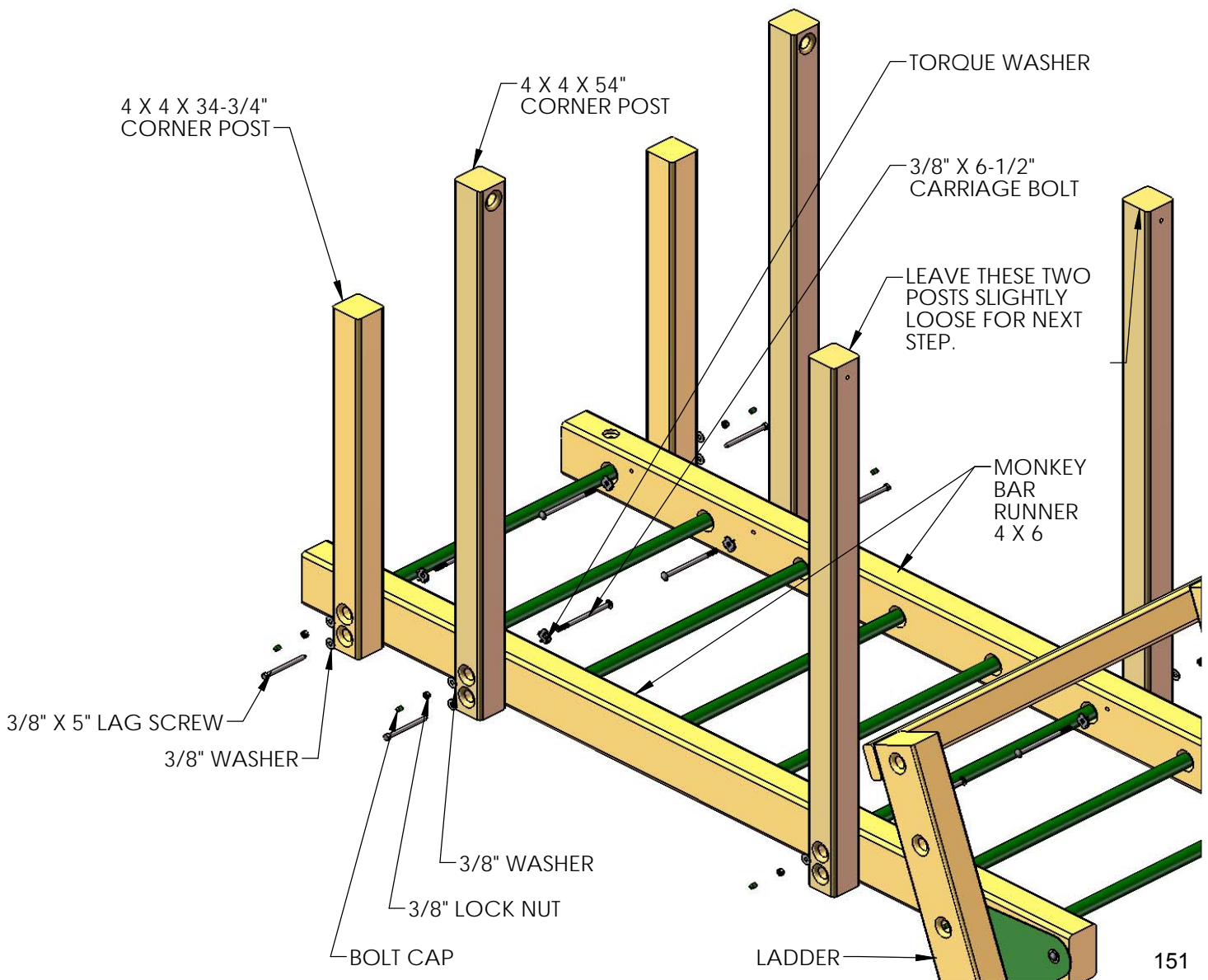
3: ATTACH EACH CORNER POST WITH A 3/8" X 6-1/2" CARRIAGE BOLT WITH A TORQUE WASHER FROM THE INSIDE OF THE MONKEY BAR RUNNER, AND A 3/8" LOCK NUT AND WASHER ON THE OUTSIDE. PLACE BOLT CAPS OVER ANY EXPOSED THREADS. LEAVE THE TWO CORNER POSTS NEAR THE LADDER SLIGHTLY LOOSE FOR THE NEXT STEP.

4: FIND TWO 4 X 4 X 34-3/4" CORNER POSTS. THE TOP COUNTER SUNK HOLE OF THE CORNER POSTS WILL ATTACH TO THE HOLES IN THE MONKEY BAR RUNNER.

5: ATTACH THE CORNER POSTS WITH A 3/8" X 6-1/2" CARRIAGE BOLT WITH A TORQUE WASHER FROM THE INSIDE OF THE MONKEY BAR RUNNER, AND A 3/8" LOCK NUT AND WASHER ON THE OUTSIDE. PLACE BOLT CAPS OVER ANY EXPOSED THREADS.

6: SQUARE THE 34-3/4" CORNER POSTS TO THE MONKEY BAR RUNNER 4 X 6's. ATTACH EACH 34-3/4" CORNER POST BOTTOM HOLE TO THE RUNNER WITH A 3/8" X 5" LAG SCREW AND 3/8" WASHER.

7: SQUARE THE MIDDLE 54" CORNER POSTS TO THE MONKEY BAR RUNNER 4 X 6'S. ATTACH EACH MIDDLE 54" CORNER POST BOTTOM HOLE TO THE RUNNER WITH A 3/8" X 5" LAG SCREW AND 3/8" WASHER. DO NOT USE LAG SCREWS IN THE 54" CORNER POSTS NEAREST THE LADDER.





## STEP 49: REAR WALL PANEL

1: PLACE ONE 5/4 X 3-1/4 X 35-3/4" DECK SPACER BETWEEN THE CORNER POSTS NEAR THE LADDER AS SHOWN IN THE TOP PICTURE BELOW

2: . THE CORNER POSTS SHOULD BE SQUARE TO THE MONKEY BAR RUNNER AT THIS TIME. PLACE THE REAR WALL PANEL SLATS ON TOP OF THE DECK SPACER

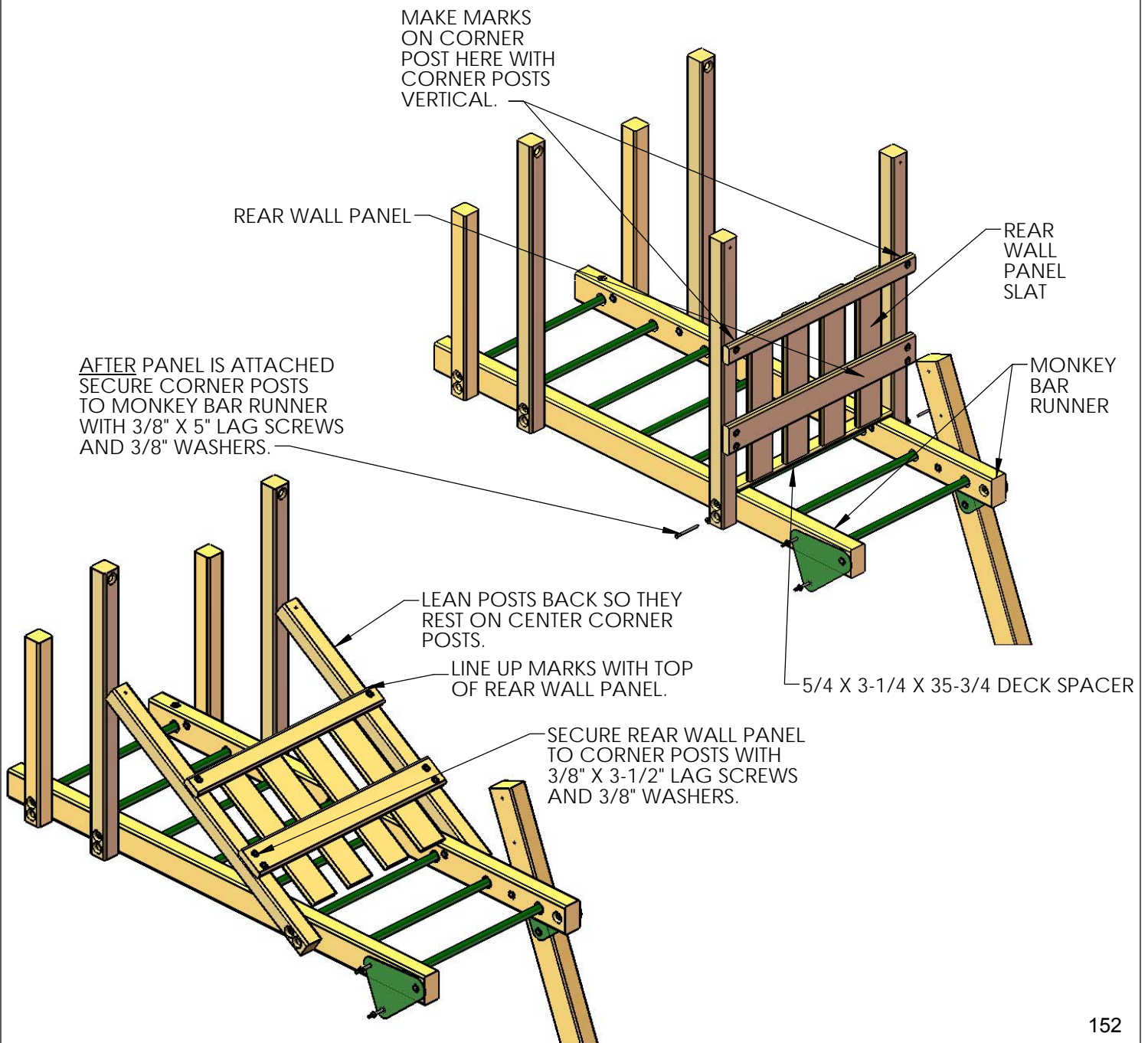
3: MAKE A MARK ABOVE THE REAR WALL PANEL ONTO EACH CORNER POST. REMOVE THE DECK SPACER.

4: LEAN THE REAR CORNER POSTS TOWARD THE PLAY SET UNTIL THEY HIT THE MIDDLE CORNER POSTS AS SHOWN IN THE BOTTOM PICTURE BELOW.

5: LINE UP THE MARKS ON THE CORNER POSTS WITH THE TOP OF THE REAR WALL PANEL.

6: ATTACH THE REAR WALL PANEL TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

7: ROTATE THE POSTS BACK TO VERTICAL. SQUARE THE 54" CORNER POSTS TO THE MONKEY BAR RUNNER. ATTACH EACH BOTTOM HOLE IN THE 54" CORNER POSTS TO THE MONKEY BAR RUNNER WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.



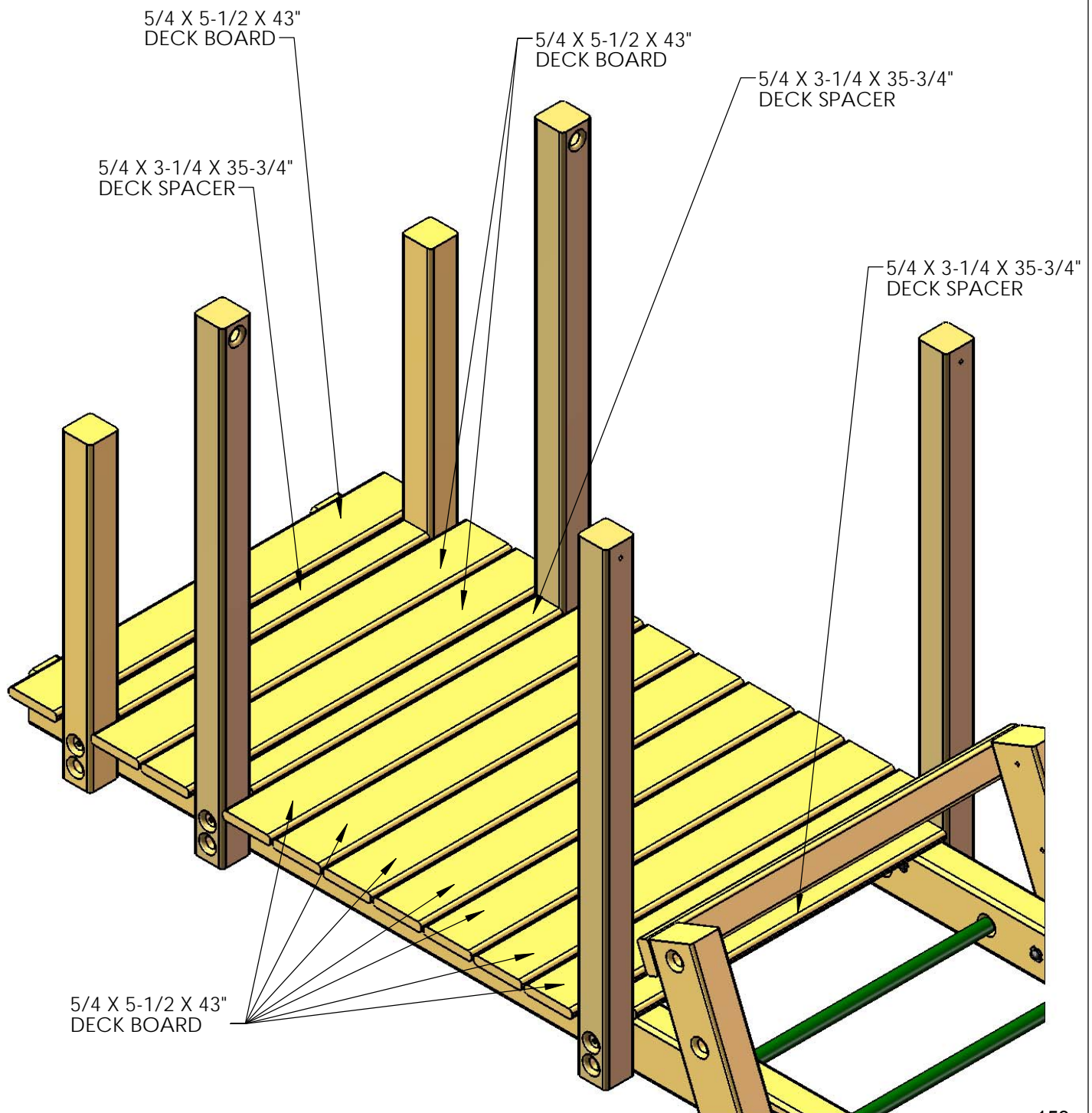
## STEP 50: SKY LOFT DECK

1: FIND TEN 5/4 X 5-1/2 X 43" DECK BOARDS AND THREE 5/4 X 3-1/4 X 35-3/4" DECK SPACERS.

2: THE DECK BOARDS/DECK SPACERS WILL FASTEN TO THE MONKEY BAR RUNNERS WITH TWO #8 X 2" WOOD SCREWS PER SIDE.

3: SEE PICTURE BELOW FOR LOCATIONS.

4: LAY OUT ALL DECK BOARDS BEFORE ATTACHING TO THE MONKEY BAR RUNNERS WITH #8 X 2" WOOD SCREWS.

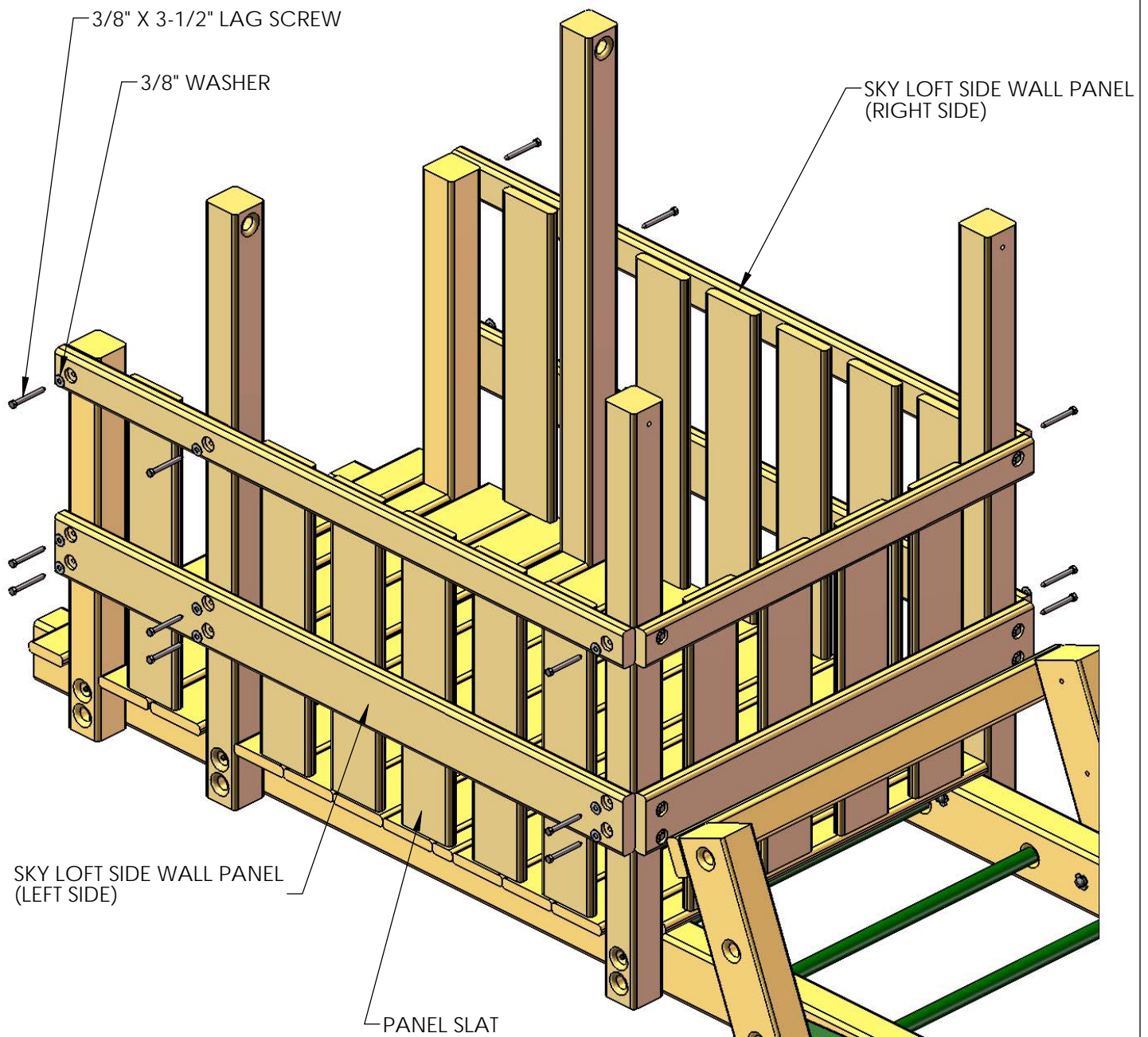


## STEP 51: SKY LOFT SIDE WALL PANELS

1: LOCATE THE LEFT AND RIGHT SKY LOFT SIDE WALL PANELS.

2: PLACE THE SIDE WALL PANELS ON THE UNIT SO THAT THE COUNTER-SUNK HOLES ARE CENTERED OVER THE CORNER POSTS. ALLOW THE PANEL SLATS TO REST ON TOP OF THE DECK BOARDS.

3: ATTACH THE SIDE WALL PANELS TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.





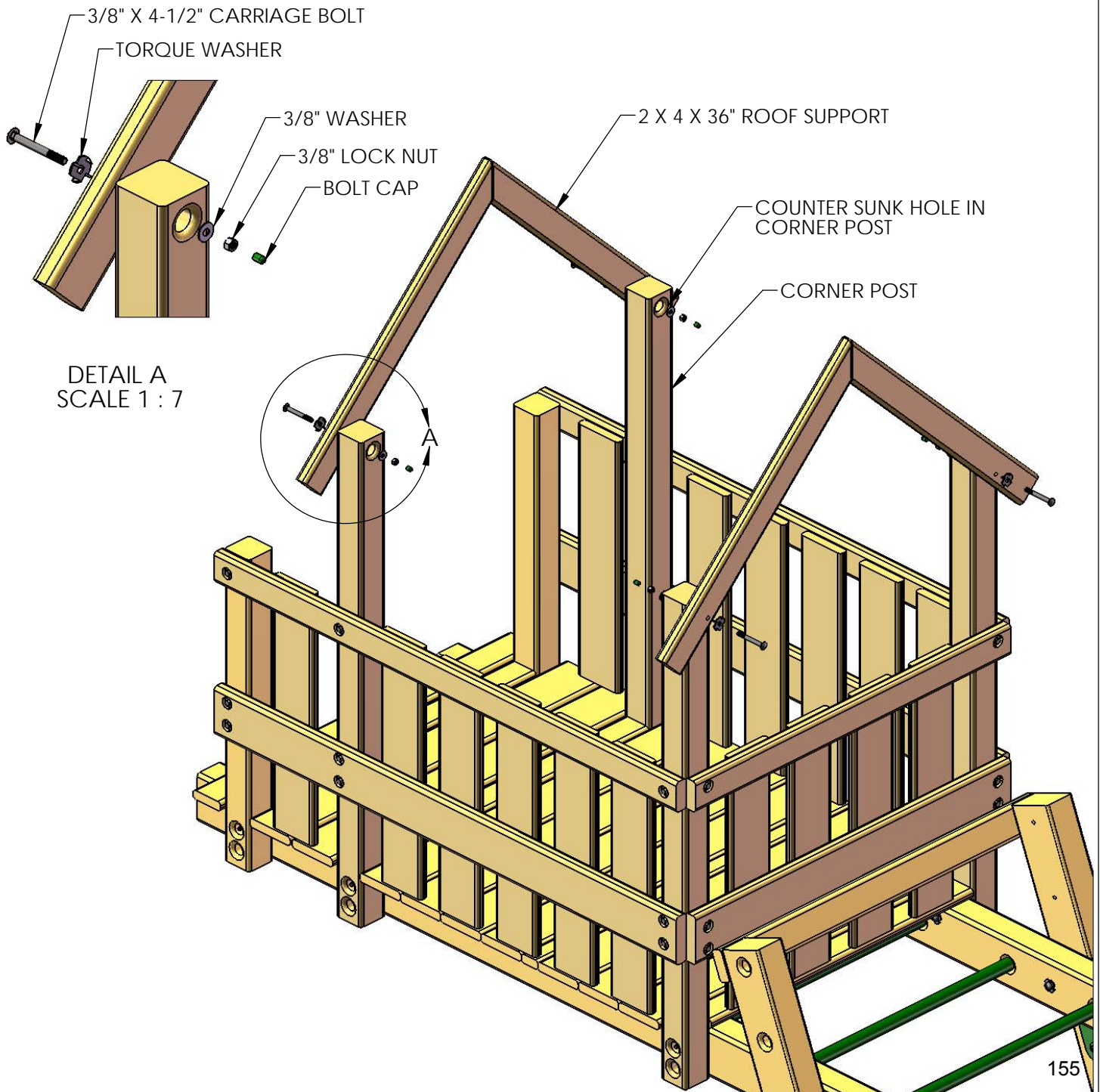
## STEP 52: ROOF SUPPORTS

1: LOCATE FOUR 2 X 4 X 36" ROOF SUPPORTS. THE ROOF SUPPORTS WILL MOUNT ON THE OPPOSITE SIDE OF THE COUNTER SUNK HOLES IN THE TOP OF THE CORNER POSTS.

2: ON THE OUTSIDE OF THE ROOF SUPPORTS USE A 3/8" X 4-1/2" CARRIAGE BOLT WITH A TORQUE WASHER. THE CARRIAGE BOLT/TORQUE WASHER WILL GO THROUGH THE HOLE IN THE ROOF SUPPORT INTO THE HOLE IN THE CORNER POST. SET THE TORQUE WASHER WITH A HAMMER.

3: USE A 3/8" LOCK NUT WITH A 3/8" WASHER TO SECURE THE ROOF SUPPORTS. DO NOT FULLY TIGHTEN THE LOCK NUTS AT THIS TIME.

4: CONTINUE MOUNTING THE ROOF SUPPORTS TO THE CORNER POSTS UNTIL COMPLETE. COVER ANY EXPOSED THREADS WITH BOLT CAPS.





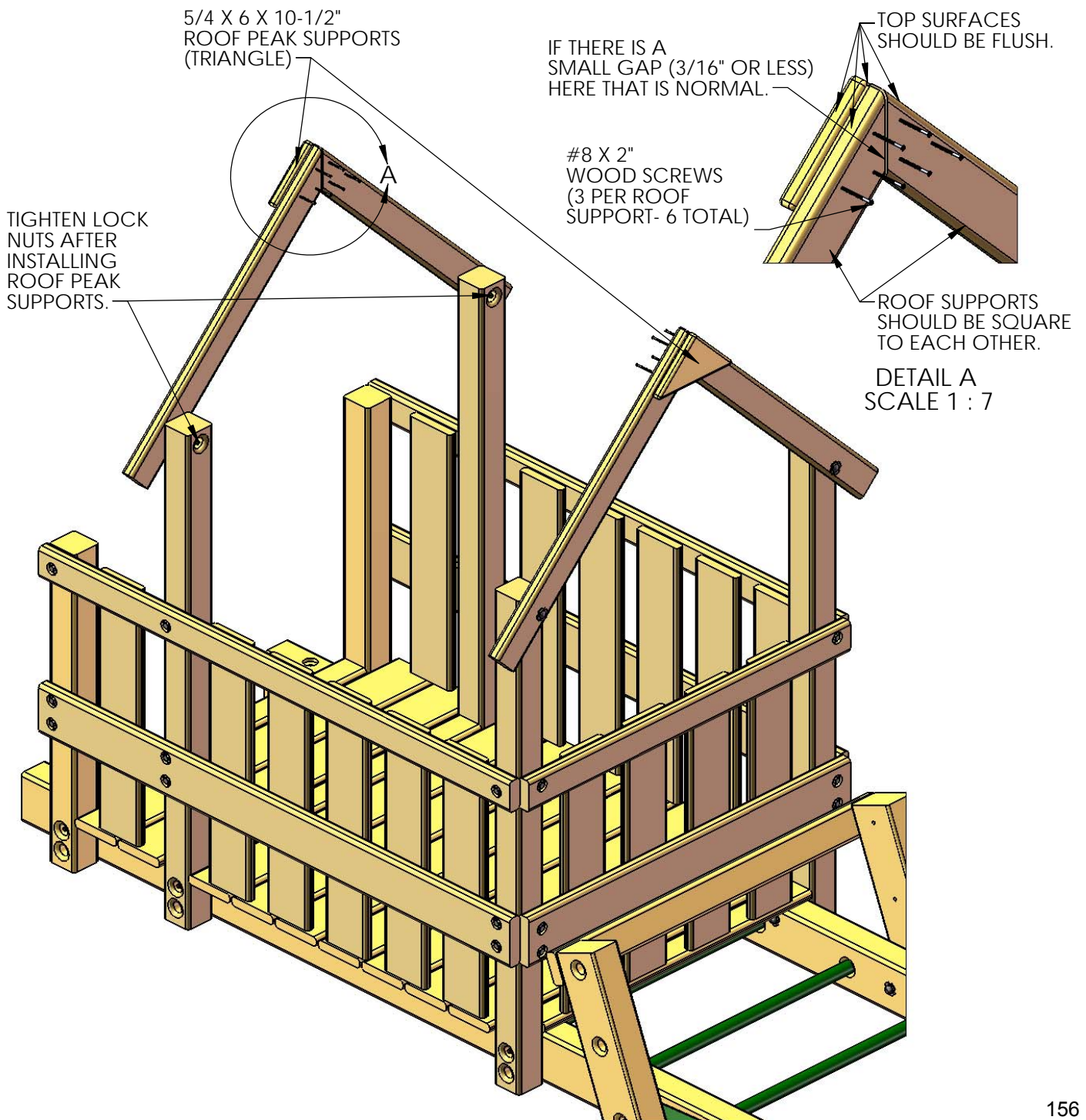
## STEP 53: ROOF PEAK SUPPORTS

1: LOCATE TWO 5/4 X 6 X 10-1/2" ROOF PEAK SUPPORTS. THE ROOF PEAK SUPPORTS WILL MOUNT TO THE ROOF SUPPORTS SO THAT THE TOP SURFACES OF THE ROOF PEAK SUPPORT (TRIANGLE) ARE FLUSH TO THE TOP SURFACES OF THE ROOF SUPPORTS.

2: USE A CARPENTERS SQUARE TO MAKE THE ROOF SUPPORTS SQUARE TO ONE ANOTHER. PLACE THE ROOF PEAK SUPPORT (TRIANGLE) ON THE OUTSIDE OF THE ROOF SUPPORTS. THE TOP SURFACES OF THE ROOF PEAK SUPPORT (TRIANGLE) SHOULD BE FLUSH TO THE TOP SURFACES OF THE ROOF SUPPORTS.

3: ATTACH THE ROOF SUPPORTS TO THE ROOF PEAK SUPPORT WITH THREE 2" WOOD SCREWS PER SIDE FOR A TOTAL OF SIX.

4: NOW TIGHTEN THE LOCK NUTS IN THE COUNTER SUNK HOLES THAT ATTACH THE ROOF SUPPORTS TO THE CORNER POSTS.

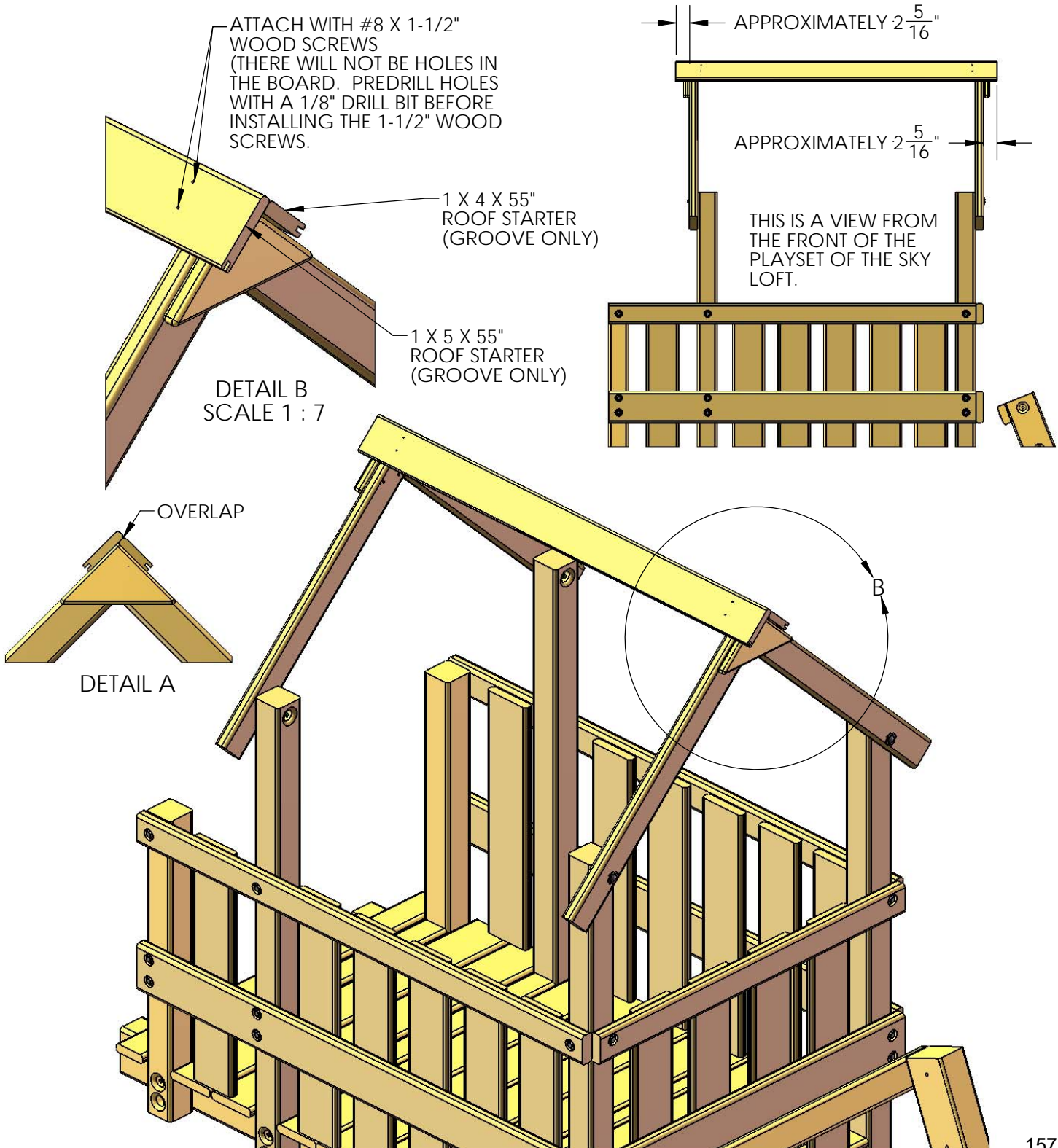


## STEP 54: ROOF STARTERS

1: LOCATE ONE 1 X 4 X 55" ROOF STARTER (GROOVE ONLY) AND ONE 1 X 5 X 55" ROOF STARTER (GROOVE ONLY). CENTER THE BOARDS ACROSS THE ROOF SUPPORTS AND POSITION THEM SO THAT THE 1 X 5 X 55" ROOF STARTER OVERLAPS THE 1 X 4 X 55" ROOF STARTER. (SEE DETAIL A BELOW)

NOTE THE ROOF STARTERS WILL EXTEND PAST THE ROOF SUPPORTS BY APPROXIMATELY  $2\frac{5}{16}$ " ON EACH SIDE. (SEE TOP RIGHT PICTURE BELOW)

2: PREDRILL TWO HOLES IN EACH SIDE OF THE ROOF STARTER WITH A  $\frac{1}{8}$ " DRILL BIT. ATTACH THE ROOF STARTERS TO THE ROOF SUPPORTS WITH TWO 1-1/2" WOOD SCREWS PER SIDE.



## STEP 55: ROOF

1: LOCATE THE 3-1/2 X 3-1/2 X 55" SKY LOFT ROOF PEAK. PLACE THE SKY LOFT ROOF PEAK OVER THE ROOF STARTERS AS SHOWN BELOW. PREDRILL FOUR 1/8" HOLES X 1" DEEP IN EACH END. ATTACH THE SKY LOFT ROOF PEAK TO THE STARTERS WITH EIGHT #8 X 1-1/4" WOOD SCREWS (4 PER END).

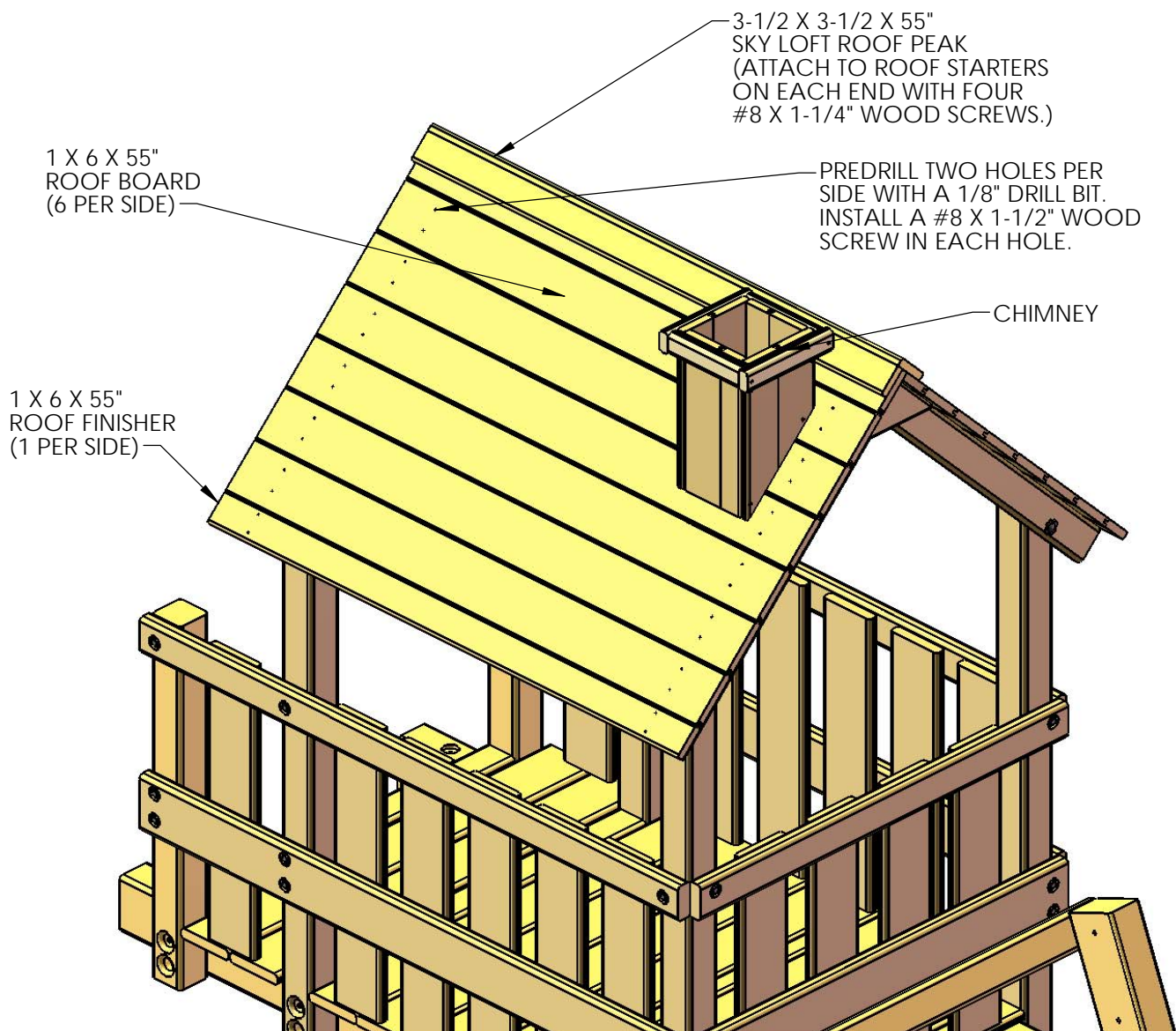
2: LOCATE TWELVE 1 X 6 X 55" ROOF BOARDS (TONGUE AND GROOVE) AND TWO 1 X 4 X 55" ROOF FINISHERS (TONGUE ONLY). CENTER EACH ROOF BOARD ACROSS THE ROOF SUPPORTS, FITTING THE TONGUE END OF THE BOARD INTO THE GROOVE OF THE PREVIOUSLY INSTALLED BOARD. EACH SIDE GETS SIX ROOF BOARDS.

3: PREDRILL EACH ROOF BOARD WITH A 1/8" DRILL BIT FOR TWO WOOD SCREWS PER SIDE. ATTACH EACH ROOF BOARD TO THE ROOF SUPPORTS WITH #8 X 1-1/2" WOOD SCREWS. **TIP:** INSTALL THREE ROOF BOARDS. THEN BUILD THE CHIMNEY ACCORDING TO THE CHIMNEY AND DORMER INSTRUCTION MANUAL. INSTALL THE CHIMNEY AND FINISH INSTALLING THE REMAINING THREE ROOF BOARDS.

4: PLACE A ROOF FINISHER AT THE END OF THE ROOF SIDE FITTING THE TONGUE INTO THE GROOVE OF THE LAST ROOF BOARD INSTALLED.

5: PREDRILL EACH ROOF FINISHER WITH A 1/8" DRILL BIT FOR TWO WOOD SCREWS PER SIDE. ATTACH EACH ROOF BOARD TO THE ROOF SUPPORTS WITH #8 X 1-1/2" WOOD SCREWS.

6: REPEAT SUBSTEPS 2 THROUGH 5 FOR THE OTHER SIDE OF THE ROOF OMITTING THE PORTION ABOUT THE CHIMNEY SINCE THERE IS NO CHIMNEY ON THE REAR ROOF SIDE.

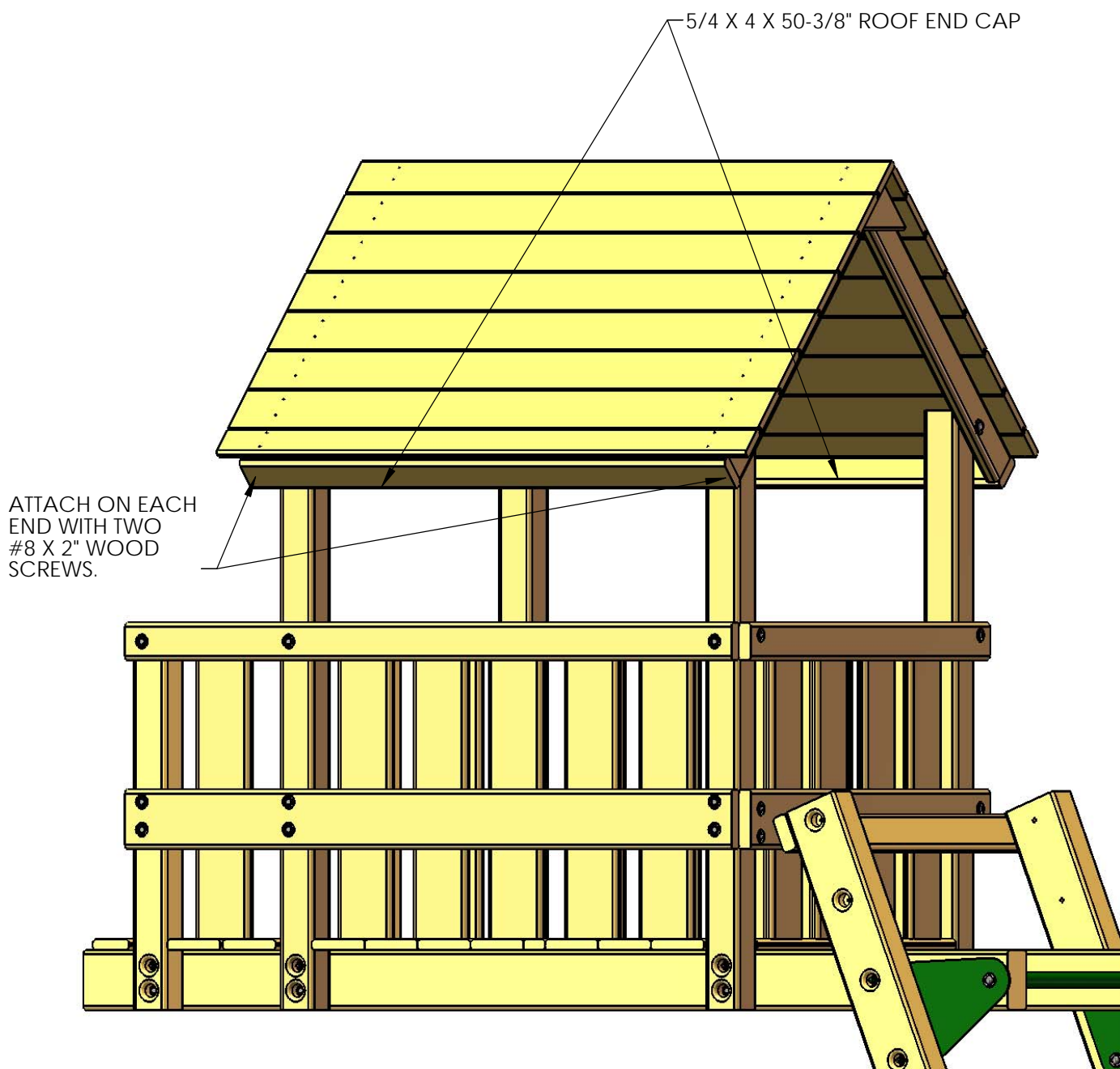




## STEP 56: ROOF END CAPS

1: LOCATE TWO 5/4 X 4 X 50-3/8" ROOF END CAPS. THE END CAPS WILL MOUNT TO THE ENDS OF THE ROOF SUPPORTS ON EACH SIDE OF THE SKY LOFT.

2: ATTACH EACH ROOF END CAP TO THE ROOF SUPPORT ENDS WITH #8 X 2" WOOD SCREWS. USE TWO SCREWS PER SIDE.



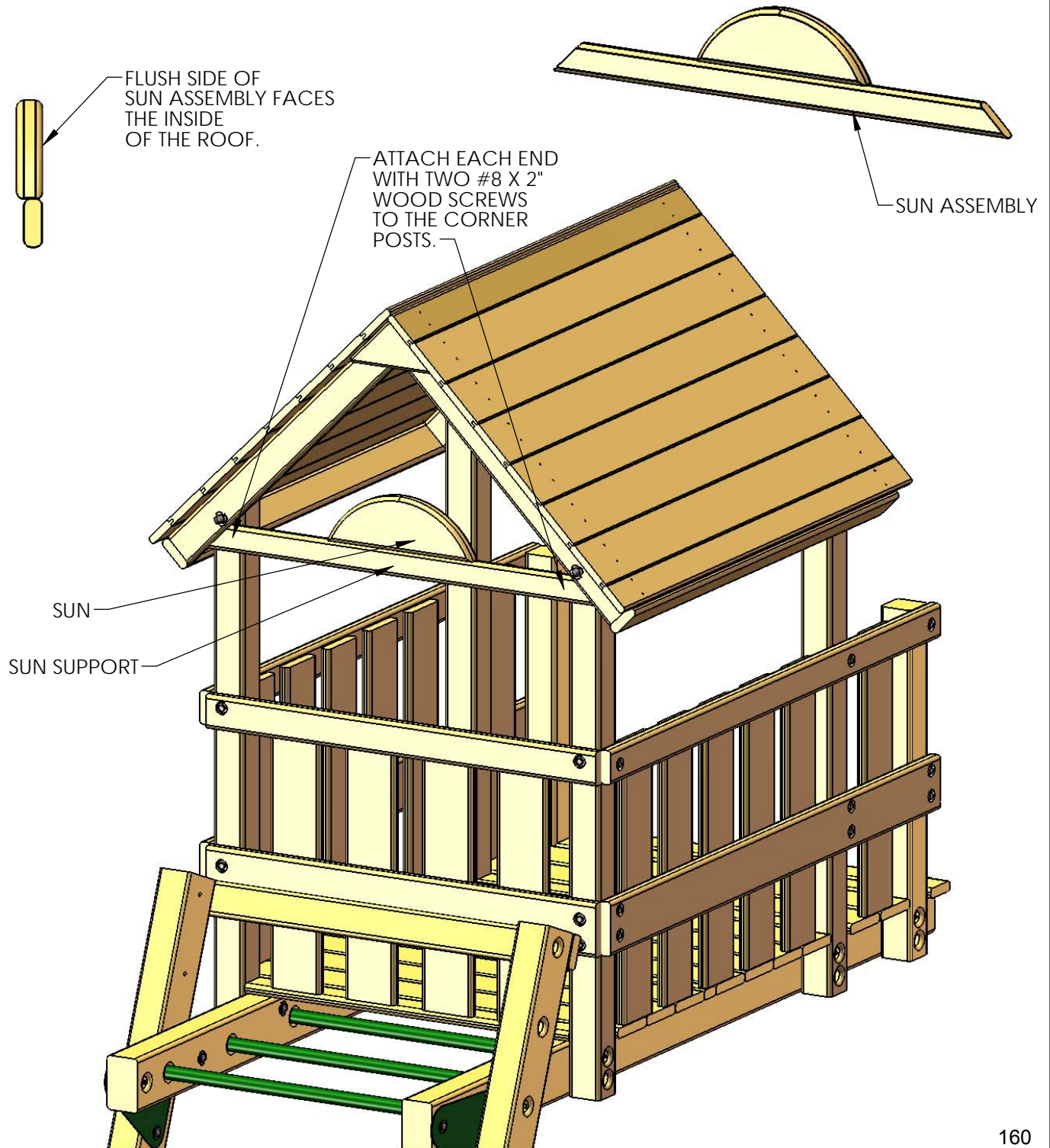


## STEP 57: SUN ASSEMBLY

1: LOCATE THE SUN ASSEMBLY. THE SUN ASSEMBLY CONSISTS OF A SUN PIECE AND A SUN SUPPORT PIECE. THE SUN ASSEMBLY WILL MOUNT UNDERNEATH THE ROOF SUPPORTS AGAINST THE CORNER POSTS. THE ANGLED ENDS OF THE SUN SUPPORT WILL BE FLUSH TO THE BOTTOM OF THE ROOF SUPPORTS.

FOR THE SUN ASSEMBLY THERE IS A "FLUSH" SIDE. THIS IS THE SIDE WHERE THE SUN AND SUN SUPPORT ARE FLUSH TO ONE ANOTHER. THE "FLUSH" SIDE FACES THE INSIDE OF THE ROOF.

2: ATTACH THE SUN ASSEMBLY TO THE CORNER POSTS WITH TWO #8 X 2" WOOD SCREWS PER SIDE.



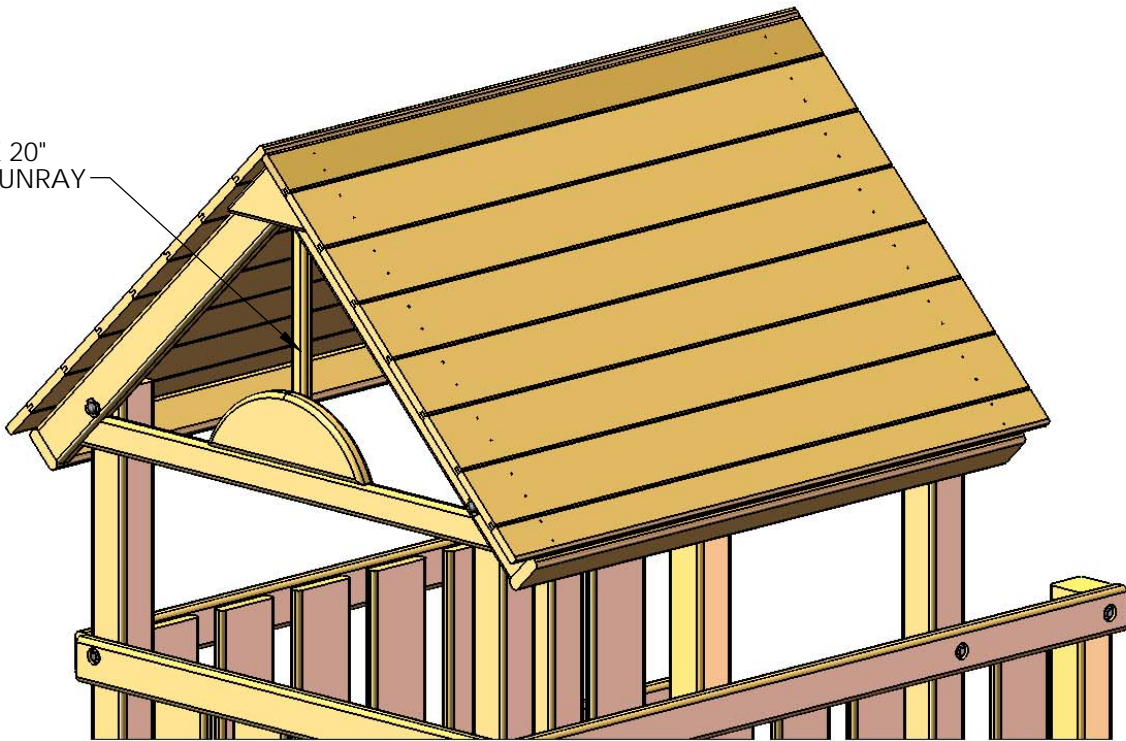
## STEP 58: LARGE SUNRAY

1: LOCATE THE 5/4 X 2 X 20" LARGE SUNRAY. THE LARGE SUNRAY WILL MOUNT IN THE CENTER OF THE SUN ASSEMBLY FROM INSIDE THE SKY LOFT.

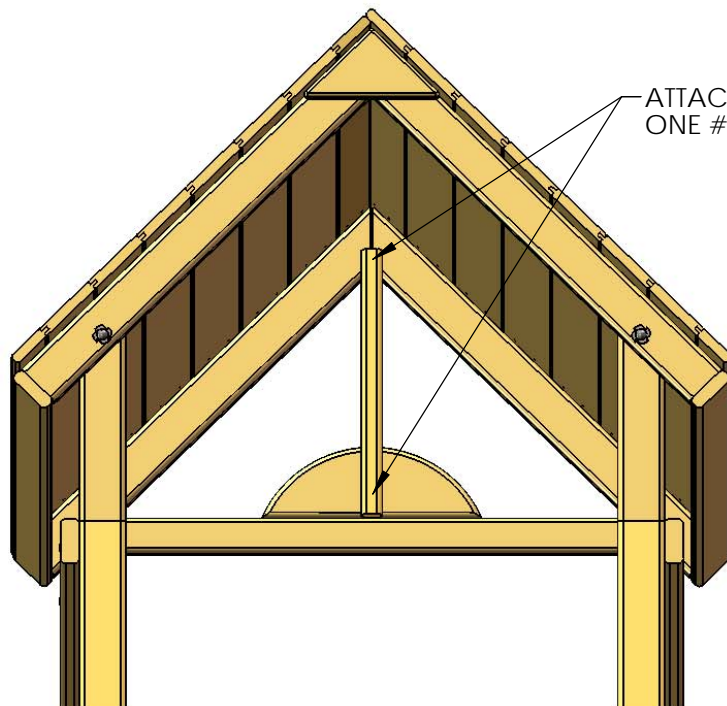
2: PREDRILL A 1/8" HOLE AT THE TOP AND BOTTOM OF THE SUNRAY.

3: ATTACH THE SUNRAY TO THE INSIDE OF THE ROOF SUPPORTS AND THE BACK SIDE OF THE SUN WITH TWO #8 X 1-1/2" WOOD SCREWS.

5/4 X 2 X 20"  
LARGE SUNRAY



ATTACH EACH END WITH  
ONE #8 X 1-1/2" WOOD SCREW.

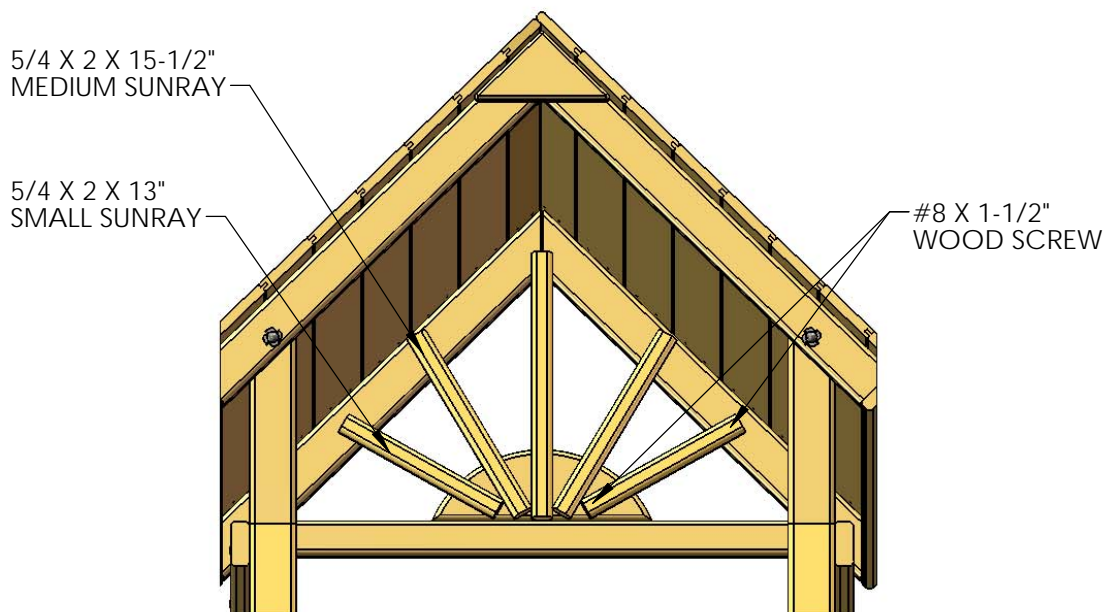
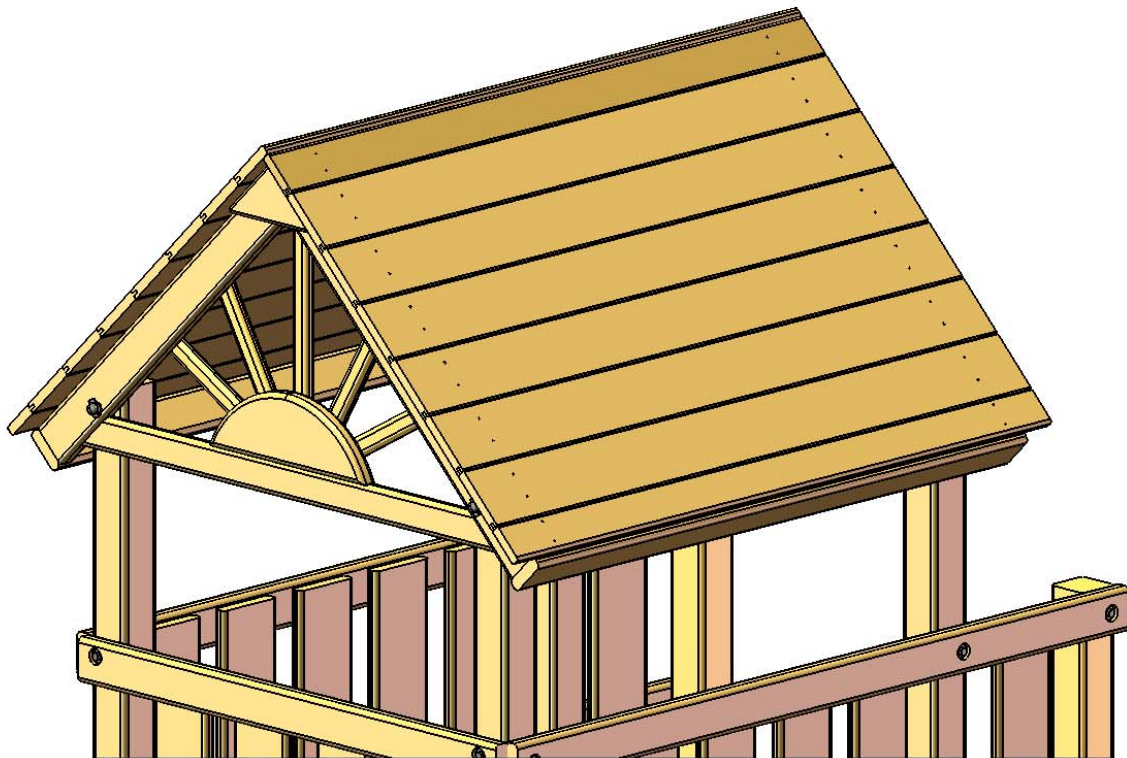


## STEP 59: MEDIUM AND SMALL SUNRAYS

1: LOCATE TWO 5/4 X 2 X 15-1/2" MEDIUM SUNRAYS AND TWO 5/4 X 2 X 13" SMALL SUNRAYS. THE SUNRAYS WILL MOUNT TO THE ROOF SUPPORTS AND TO THE BACK SIDE OF THE SUN AS SHOWN IN THE BOTTOM PICTURE BELOW.

2: PREDRILL A 1/8" DIAMETER HOLE IN THE ENDS OF ALL THE SUNRAYS 1" FROM THE END AND CENTERED.

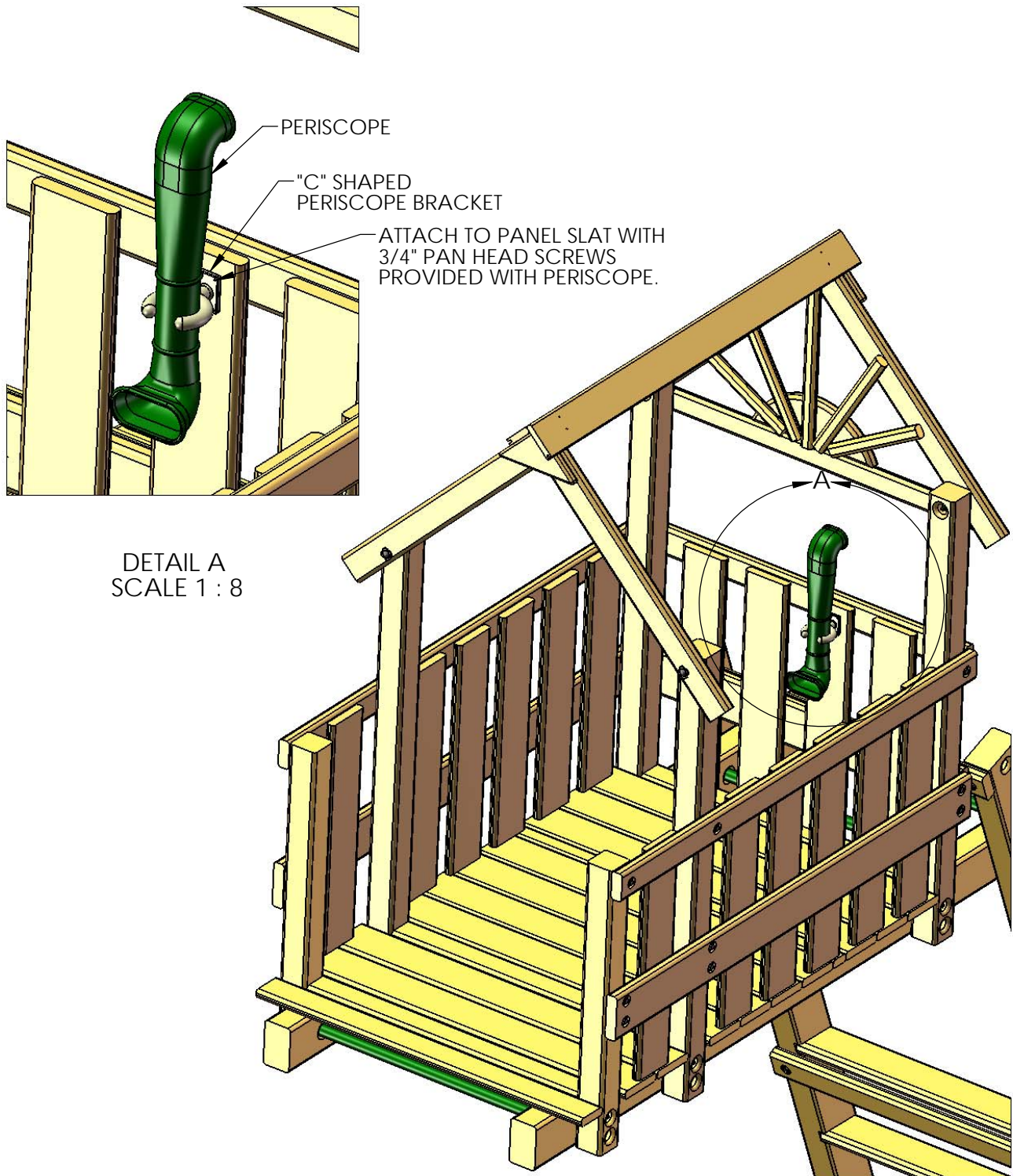
3: ATTACH EACH SUNRAY TO THE ROOF SUPPORT AND SUN WITH TWO #8 X 1-1/2" WOOD SCREWS.





## STEP 60: PERISCOPE

- 1: LOCATE THE PERISCOPE.
- 2: PLACE THE "C" SHAPED PERISCOPE BRACKET AGAINST ONE OF THE PANEL SLATS ON THE REAR WALL PANEL OF THE SKY LOFT.
- 3: ATTACH THE PERISCOPE BRACKET TO THE PANEL SLAT USING THE 3/4" LONG PHILLIPS PAN HEAD SCREWS PROVIDED WITH THE PERISCOPE.
- 4: SNAP THE PERISCOPE INTO PLACE ONTO THE PERISCOPE BRACKET.



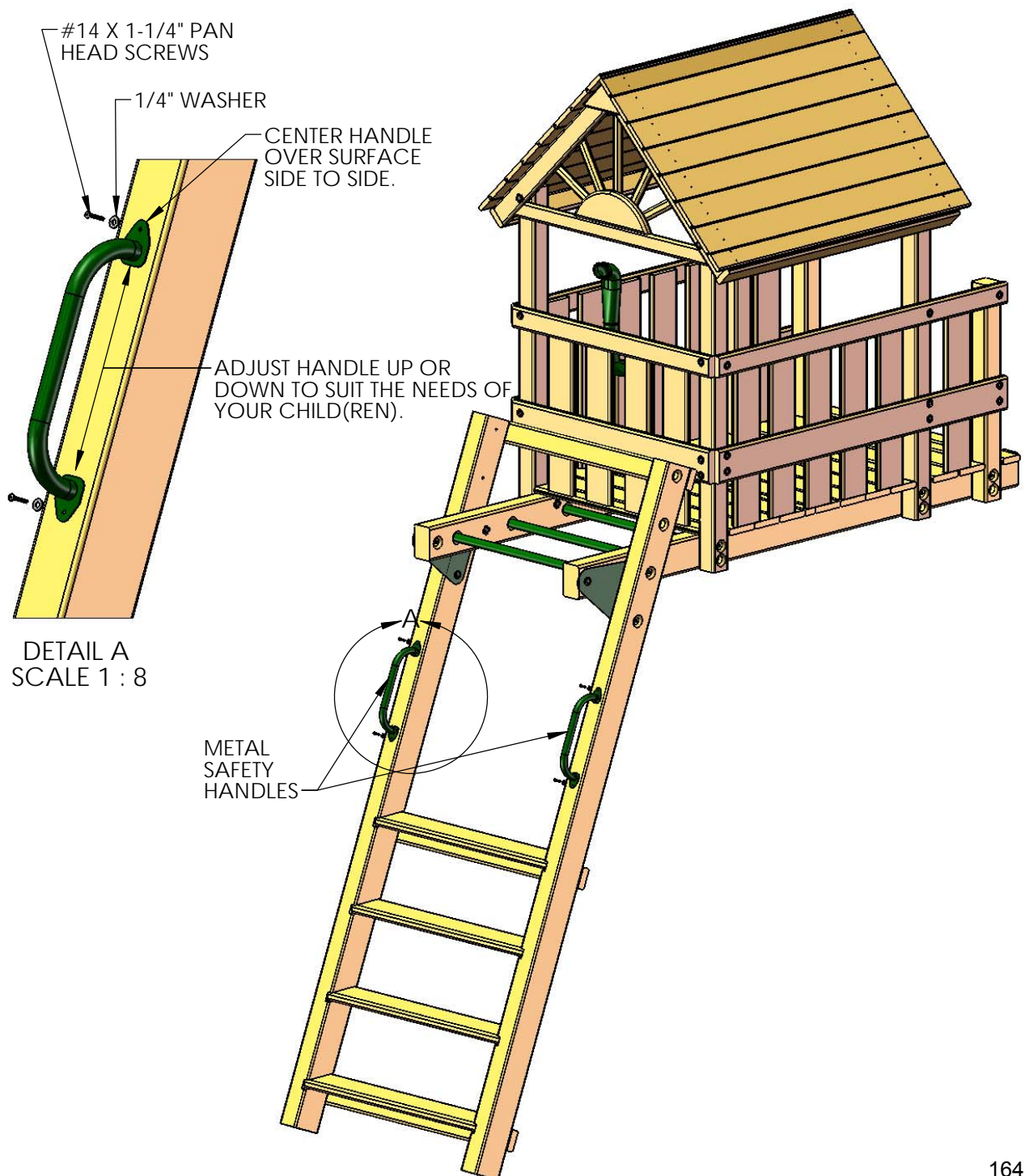


## STEP 61: SAFETY HANDLES ON LADDER

1: LOCATE TWO METAL SAFETY HANDLES, FOUR #14 X 1-1/4" PAN HEAD SCREWS AND FOUR 1/4" WASHERS.

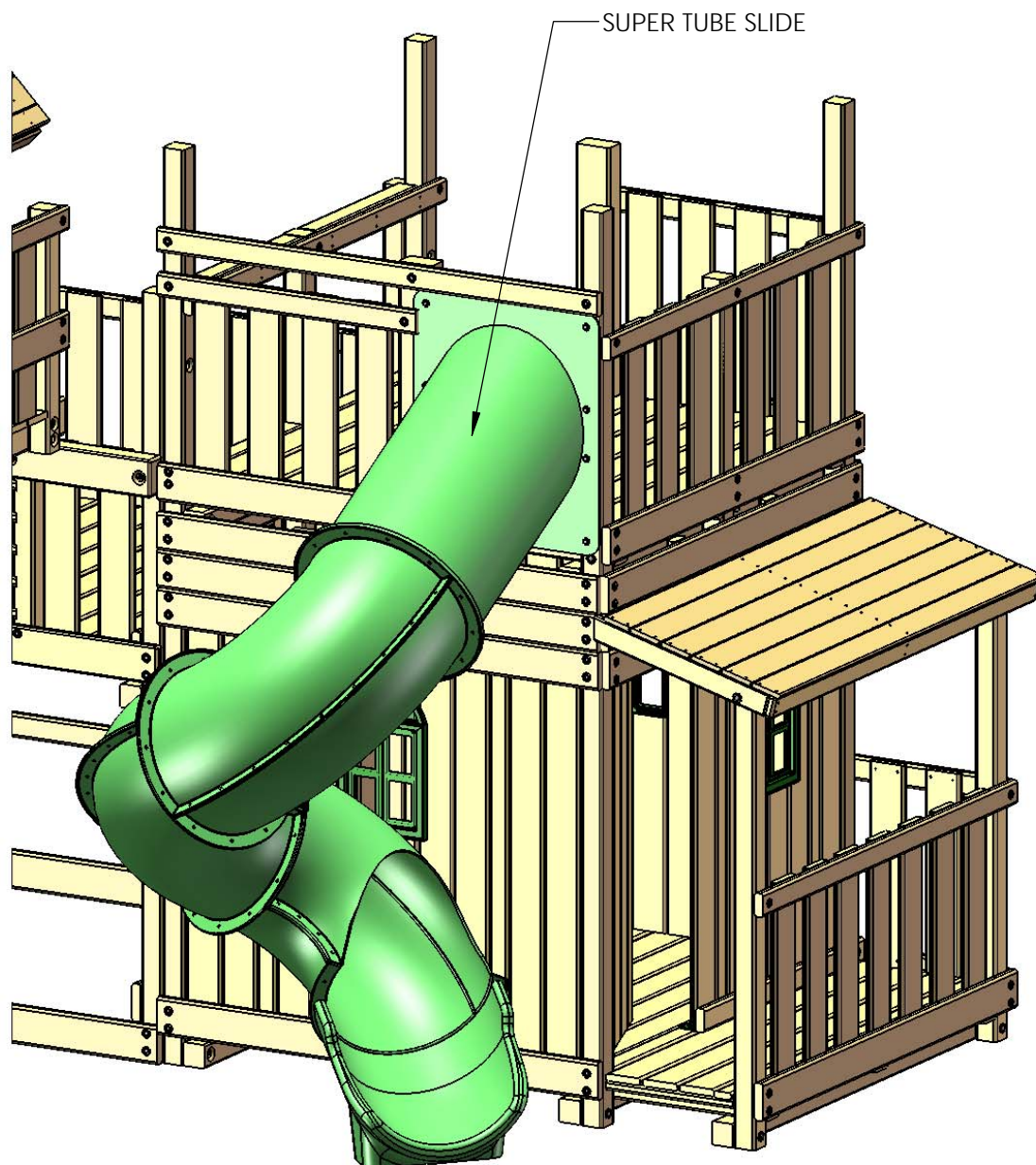
2: PLACE A METAL SAFETY HANDLE ON THE OUTWARD FACING SURFACE OF THE LADDER 4 X 6 MEMBERS. THE HANDLES SHOULD BE CENTERED FROM SIDE TO SIDE. ADJUST EACH SAFETY HANDLE UP OR DOWN TO SUIT THE NEEDS OF YOUR CHILD(REN).

3: ATTACH EACH METAL SAFETY HANDLE WITH TWO #14 X 1-1/4" PAN HEAD SCREWS AND TWO 1/4" WASHERS.



## STEP 62: SUPER TUBE SLIDE

1: ASSEMBLE THE SUPER TUBE SLIDE, FOLLOWING THE INSTRUCTIONS ACCOMPANIED WITH THE SLIDE.



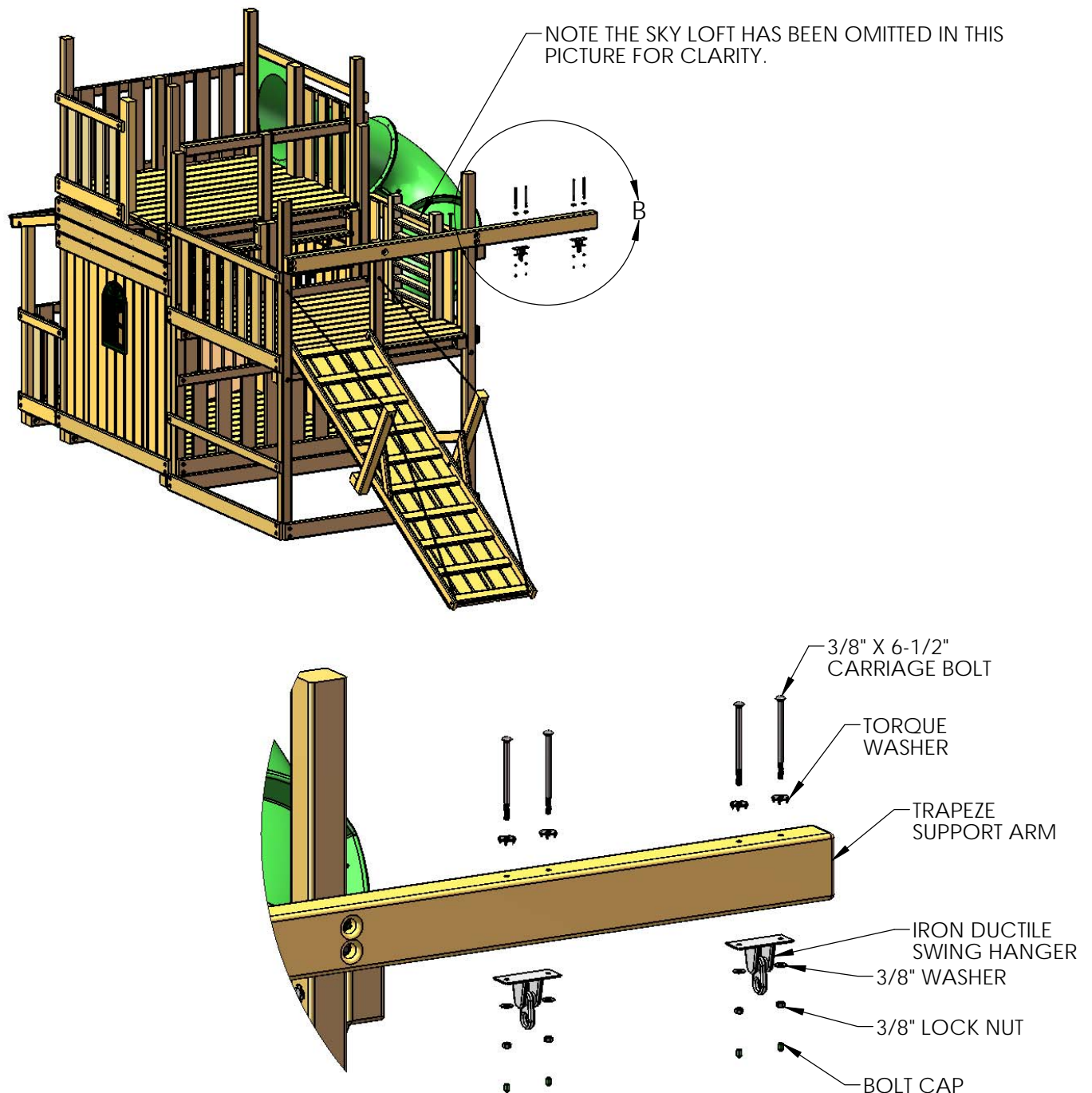
## STEP 63: TRAPEZE ARM DUCTILES

1: LOCATE TWO IRON DUCTILE SWING HANGERS.

2: PLACE A TORQUE WASHER OVER A 3/8" X 6-1/2" CARRIAGE BOLT. INSERT THE CARRIAGE BOLT INTO ONE OF THE HOLES ON TOP OF THE TRAPEZE SUPPORT ARM. USE A HAMMER TO SET THE TORQUE WASHER INTO THE WOOD. REPEAT THIS PROCESS FOR THREE MORE CARRIAGE BOLTS AND TORQUE WASHERS IN THE REMAINING THREE HOLES.

3: PLACE ENDS OF THE CARRIAGE BOLTS THROUGH THE HOLES IN THE BASE OF THE IRON DUCTILE SWING HANGERS.

4: ATTACH EACH IRON DUCTILE WITH 3/8" WASHERS AND 3/8" LOCK NUTS ON THE BOTTOM. COVER ANY EXPOSED THREADS WITH BOLT CAPS.





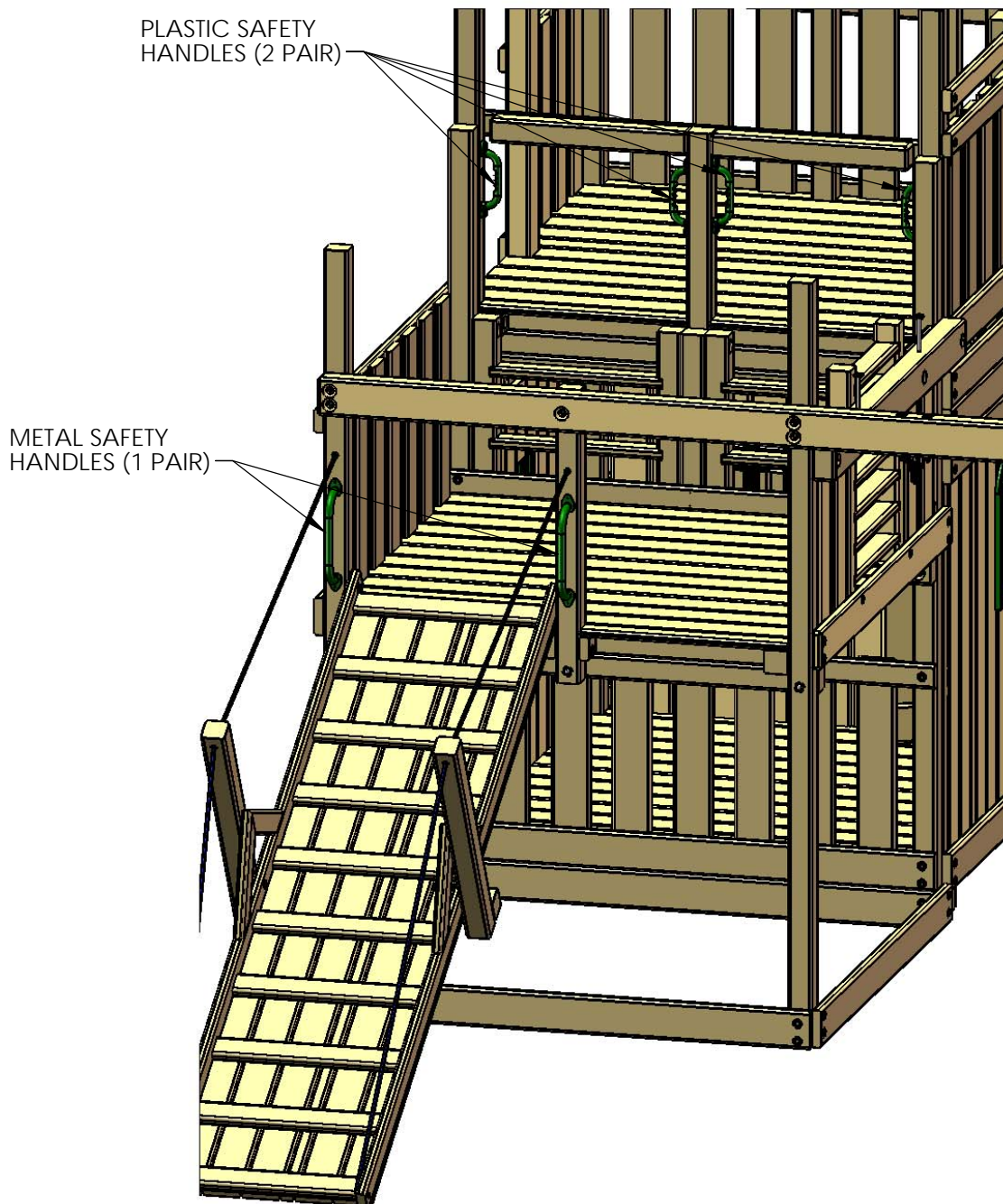
## STEP 64: SAFETY HANDLES

1: PLACE THE METAL SAFETY HANDLES ON FRONT OF THE CORNER POSTS AT THE TOP OF THE CLIMBING RAMP.

2: ATTACH EACH METAL SAFETY HANDLE WITH TWO #14 X 1-1/4" PAN HEAD SCREWS AND 1/4" WASHERS.

3: PLACE THE PLASTIC SAFETY HANDLES ON THE INSIDE OF THE CORNER POSTS ABOVE THE CL STEPS.

4: ATTACH EACH PLASTIC SAFETY HANDLE WITH THE HARDWARE PROVIDED IN THE BAG WITH THE PLASTIC SAFETY HANDLES.





## STEP 65: MARKING/DRILLING CORNER POSTS

1: CLIMB UP ON TOP OF THE UPPER DECK OF THE PLAYSET AND FACE THE RIGHT SIDE OF THE PLAYSET. THE SUPER TUBE SLIDE WILL BE IN FRONT OF YOU. (SEE FIGURE 1)

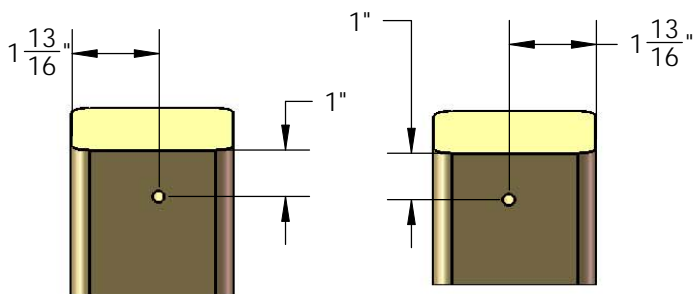
2: (SEE DETAIL A BELOW) MEASURE DOWN 1" FROM THE TOP OF THE REAR CORNER POST ON YOUR LEFT HAND SIDE AND MAKE A MARK. MEASURE OVER FROM THE OUTSIDE EDGE OF THE CORNER POST  $1\frac{13}{16}$ " AND MAKE A MARK. WHERE THE MARKS INTERSECT DRILL A  $\frac{1}{4}$ " DIAMETER HOLE 2-1/2" DEEP.

3: (SEE DETAIL B BELOW) MEASURE DOWN 1" FROM THE TOP OF THE LAG CORNER POST ON YOUR RIGHT HAND SIDE AND MAKE A MARK. MEASURE OVER FROM THE OUTSIDE EDGE OF THE LAG CORNER POST  $1\frac{13}{16}$ " AND MAKE A MARK. WHERE THE MARKS INTERSECT DRILL A  $\frac{1}{4}$ " DIAMETER HOLE 2-1/2" DEEP.

4: TURN AROUND AND FACE THE LEFT SIDE OF THE PLAYSET. THE OPENING FOR THE BRIDGE WILL BE IN FRONT OF YOU ON THE LEFT. (SEE FIGURE 2)

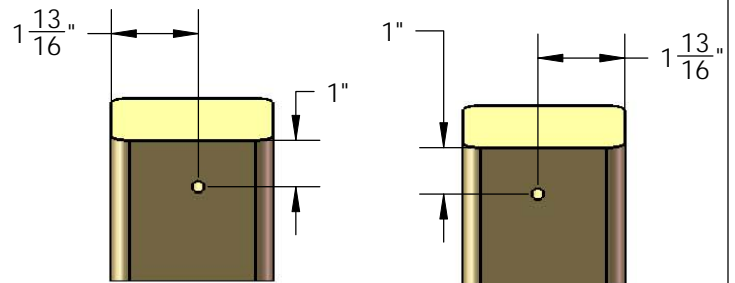
5: (SEE DETAIL C BELOW) MEASURE DOWN 1" FROM THE TOP OF THE LAG POST ON YOUR LEFT HAND SIDE AND MAKE A MARK. MEASURE OVER FROM THE OUTSIDE EDGE OF THE LAG POST  $1\frac{13}{16}$ " AND MAKE A MARK. WHERE THE MARKS INTERSECT DRILL A  $\frac{1}{4}$ " DIAMETER HOLE 2-1/2" DEEP.

6: (SEE DETAIL D BELOW) MEASURE DOWN 1" FROM THE TOP OF THE REAR CORNER POST ON YOUR RIGHT HAND SIDE AND MAKE A MARK. MEASURE OVER FROM THE OUTSIDE EDGE OF THE REAR CORNER POST  $1\frac{13}{16}$ " AND MAKE A MARK. WHERE THE MARKS INTERSECT DRILL A  $\frac{1}{4}$ " DIAMETER HOLE 2-1/2" DEEP.



DETAIL A  
SCALE 1 : 4

DETAIL B  
SCALE 1 : 4



DETAIL C  
SCALE 1 : 4

DETAIL D  
SCALE 1 : 4

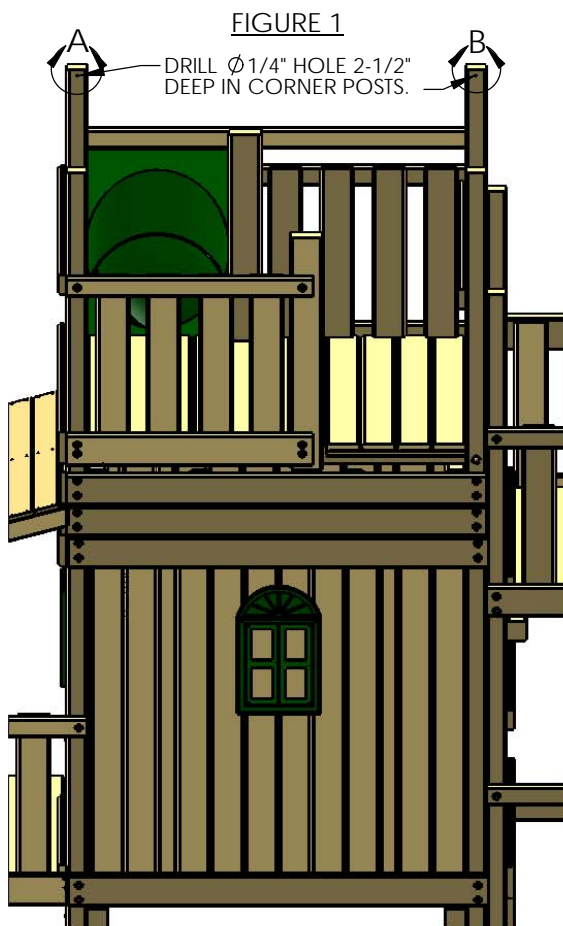


FIGURE 1

DRILL  $\phi 1/4$ " HOLE 2-1/2" DEEP IN CORNER POSTS.

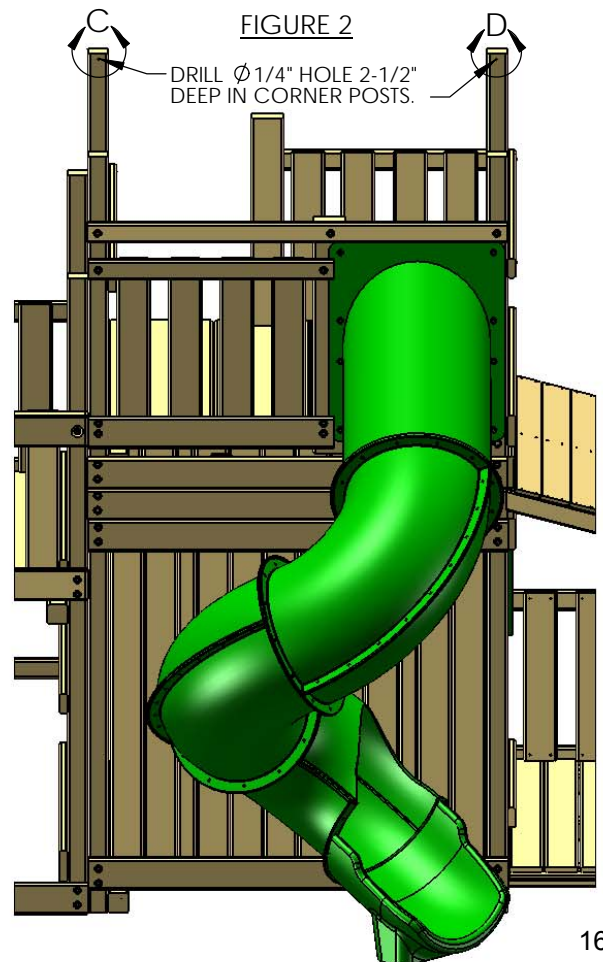


FIGURE 2

DRILL  $\phi 1/4$ " HOLE 2-1/2" DEEP IN CORNER POSTS.

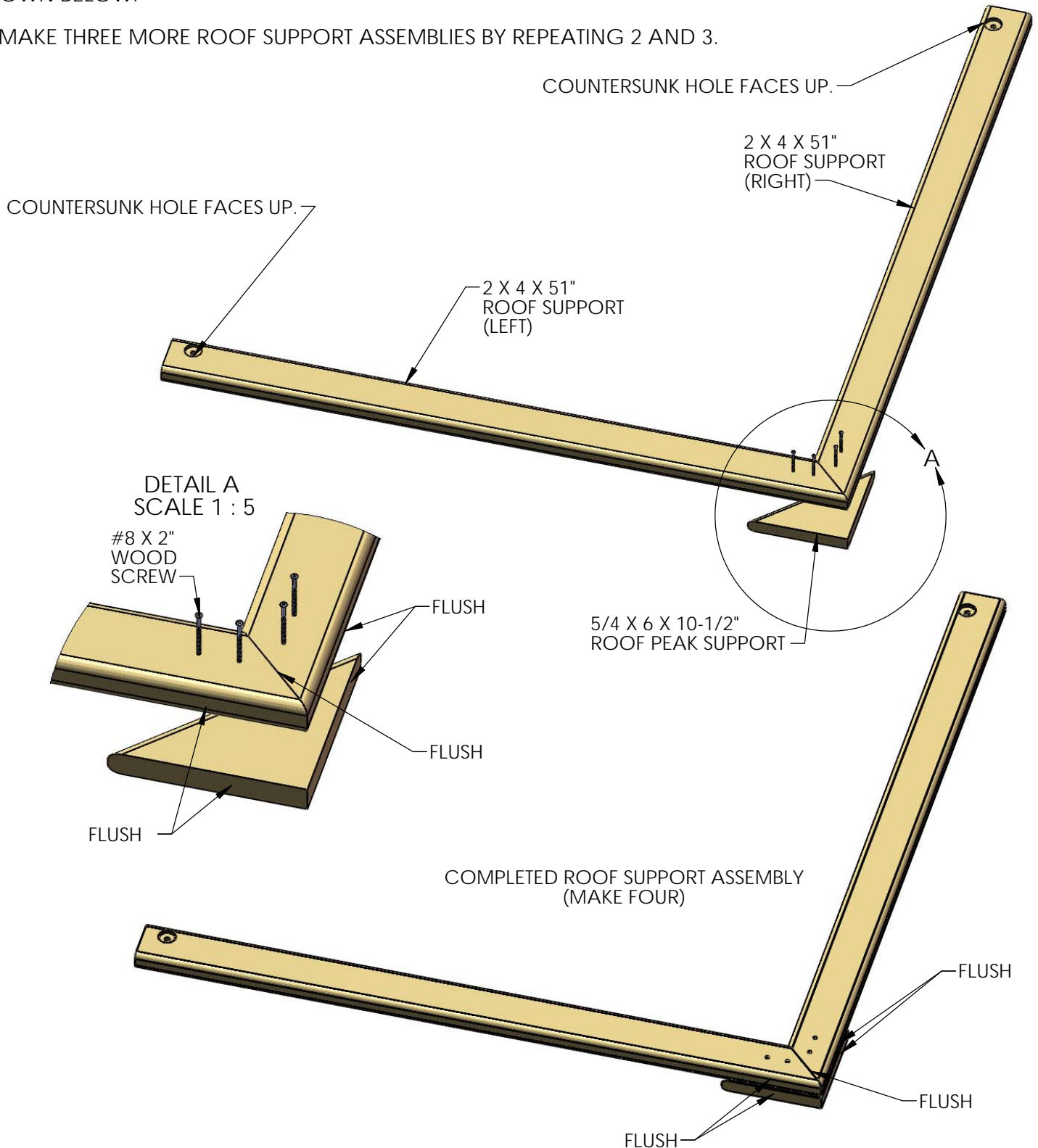
## STEP 66: ROOF SUPPORT ASSEMBLIES

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

2: FIND A FLAT SURFACE TO WORK ON. LAY THE TRIANGLE SHAPED ROOF PEAK SUPPORT ON THE FLAT SURFACE. PLACE ONE ROOF SUPPORT (LEFT) AND ONE ROOF SUPPORT (RIGHT) ON TOP OF THE ROOF PEAK SUPPORT WITH THE COUNTERSUNK HOLES FACING UP. THE EDGES SHOULD BE FLUSH WHERE SHOWN BELOW.

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

4: MAKE THREE MORE ROOF SUPPORT ASSEMBLIES BY REPEATING 2 AND 3.

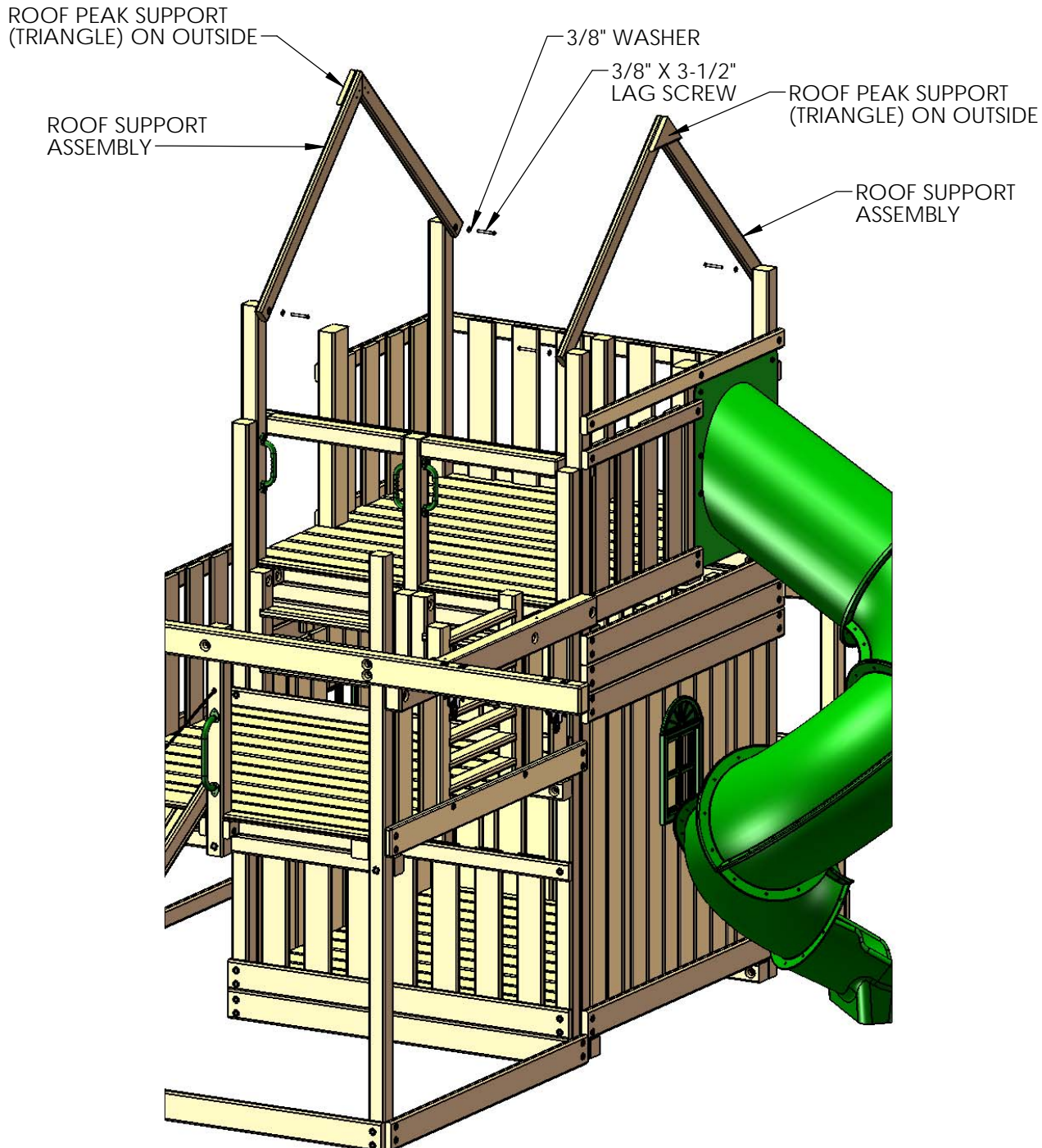


## STEP 67: ROOF SUPPORTS (UPPER DECK)

1: PLACE THE TWO ROOF SUPPORT ASSEMBLIES ON THE UPPER DECK.

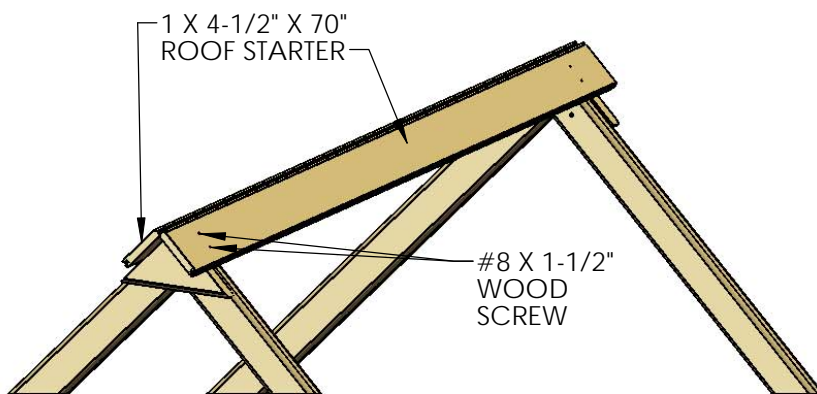
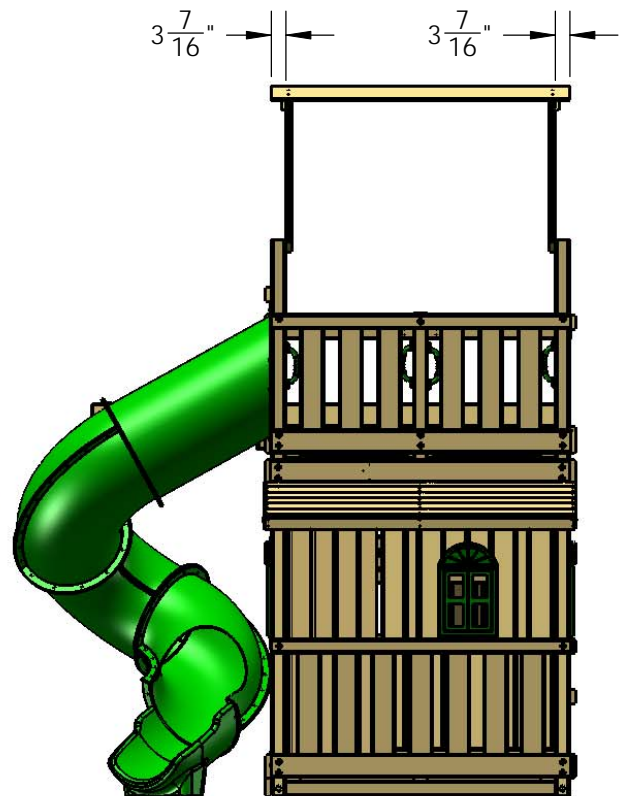
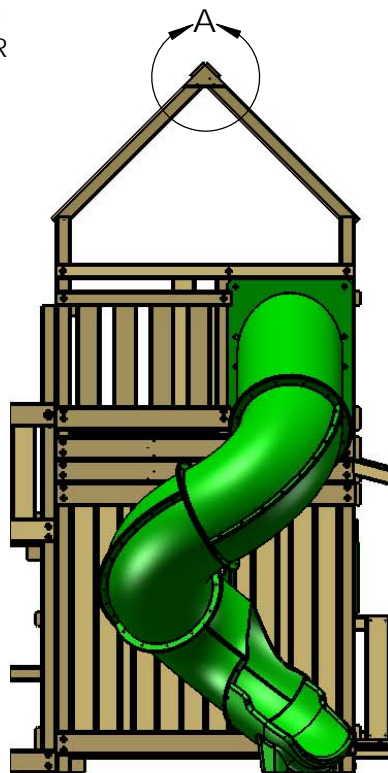
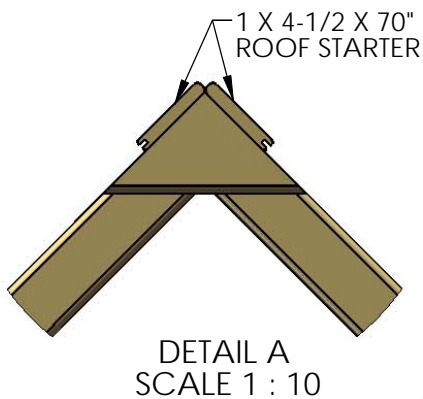
2: ATTACH ONE ROOF SUPPORT ASSEMBLY TO THE HOLES YOU PREVIOUSLY DRILLED IN THE RIGHT SIDE CORNER POSTS WITH TWO 3/8" X 3-1/2" LAG SCREWS AND TWO 3/8" WASHERS. NOTE THAT THE TRIANGLE SHAPED ROOF PEAK SUPPORT WILL BE ON THE OUTSIDE.

3: ATTACH THE OTHER ROOF SUPPORT ASSEMBLY TO THE HOLES YOU PREVIOUSLY DRILLED IN THE LEFT SIDE CORNER POSTS WITH TWO 3/8" X 3-1/2" LAG SCREWS AND TWO 3/8" WASHERS. NOTE THAT THE TRIANGLE SHAPED ROOF PEAK SUPPORT WILL BE ON THE OUTSIDE.

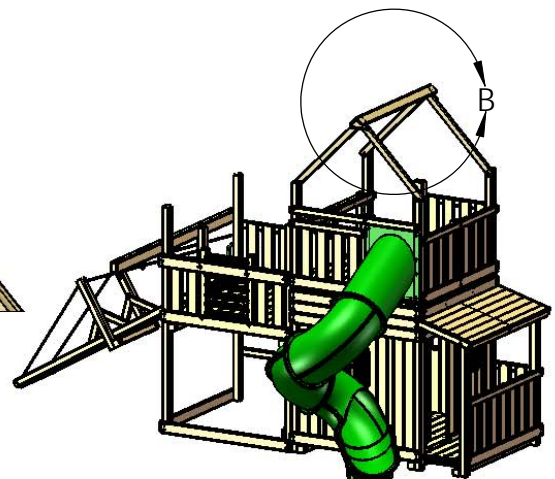


## STEP 68: ROOF STARTERS

- 1: LOCATE TWO 1 X 4-1/2" X 70" ROOF STARTERS.
- 2: POSITION THE STARTERS AT THE ROOF PEAK SO THAT THE BOARDS ARE ALMOST TOUCHING. (SEE DETAIL A)
- 3: THE ROOF STARTERS WILL OVERHANG THE ROOF SUPPORTS BY APPROXIMATELY 3-7/16" ON EACH SIDE. (SEE "REAR VIEW" AT TOP RIGHT BELOW)
- 4: FASTEN THE ROOF STARTERS TO THE ROOF SUPPORTS WITH #8 X 1-1/2" WOOD SCREWS. (FOUR IN EACH BOARD) (SEE DETAIL B)



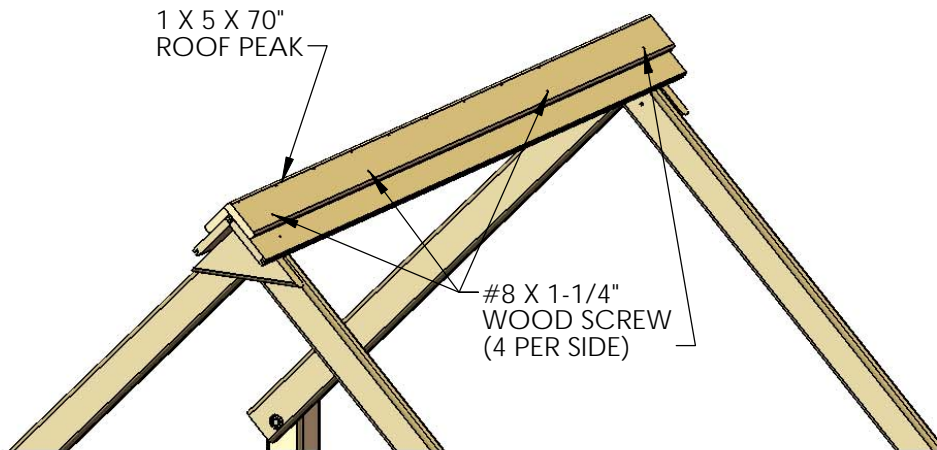
DETAIL B  
SCALE 1 : 16



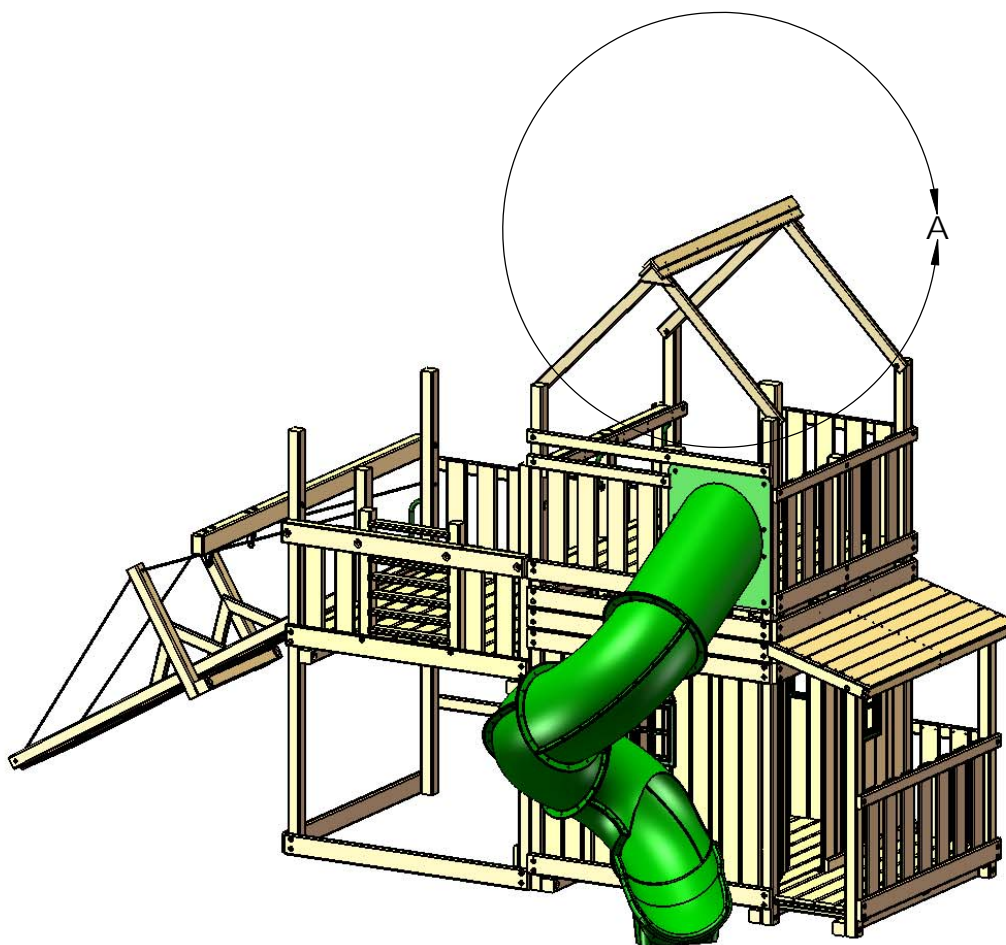


## STEP 69: ROOF PEAK

- 1: PLACE THE 1 X 5 X 70" ROOF PEAK ASSEMBLY ON TOP OF THE ROOF STARTERS.
- 2: ALIGN THE END OF THE PEAK ASSEMBLY FLUSH TO THE END OF THE ROOF STARTERS.
- 3: ATTACH THE ROOF PEAK ASSEMBLY TO THE ROOF STARTERS WITH EIGHT 1-1/4" WOOD SCREWS. (FOUR SCREWS PER SIDE)

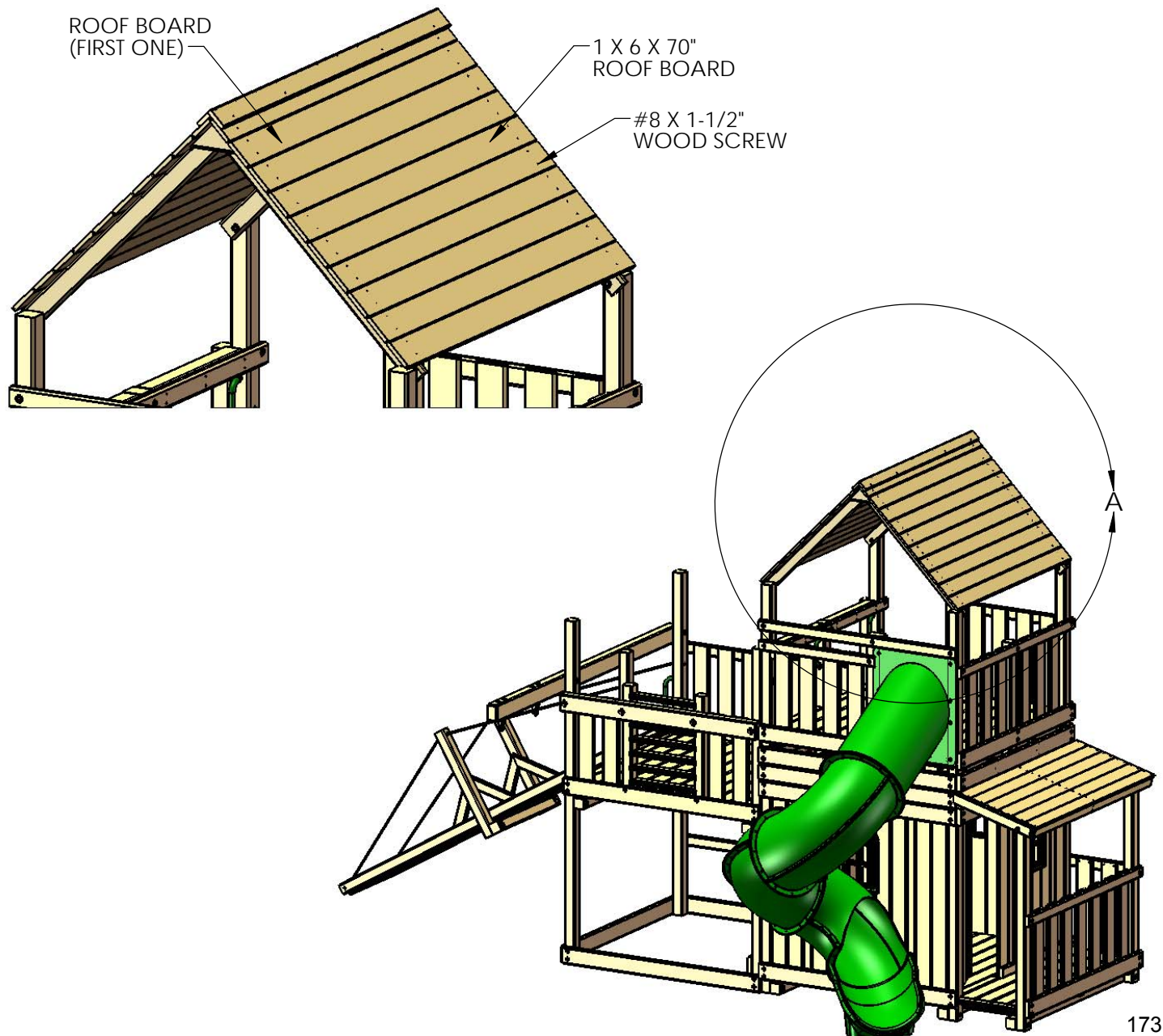


DETAIL A  
SCALE 1 : 16



## STEP 70: ROOF BOARDS

- 1: LOCATE EIGHTEEN 1 X 6 X 70" ROOF BOARDS (TONGUE AND GROOVE)
- 2: SLIDE THE TONGUE OF ONE ROOF BOARD INTO THE GROOVE IN THE ROOF STARTER AND ALIGN THE ENDS SO THEY ARE FLUSH. IF NECESSARY USE A SCRAP 2 X 4 BLOCK AND A RUBBER Mallet TO SEAT THE TONGUE INTO THE GROOVE OF THE PREVIOUS BOARD.
- 3: ATTACH THE ROOF BOARD TO THE ROOF SUPPORTS WITH FOUR #8 X 1-1/2" WOOD SCREWS.
- 4: SLIDE THE TONGUE OF ANOTHER ROOF BOARD INTO THE GROOVE OF THE PREVIOUS ROOF BOARD. ATTACH THE ROOF BOARD TO THE ROOF SUPPORTS WITH FOUR #8 X 1-1/2" WOOD SCREWS. REPEAT THIS PROCESS FOR THE REMAINING ROOF BOARDS.
- 5: REPEAT SUBSTEPS 1-4 FOR THE OTHER SIDE OF THE ROOF.



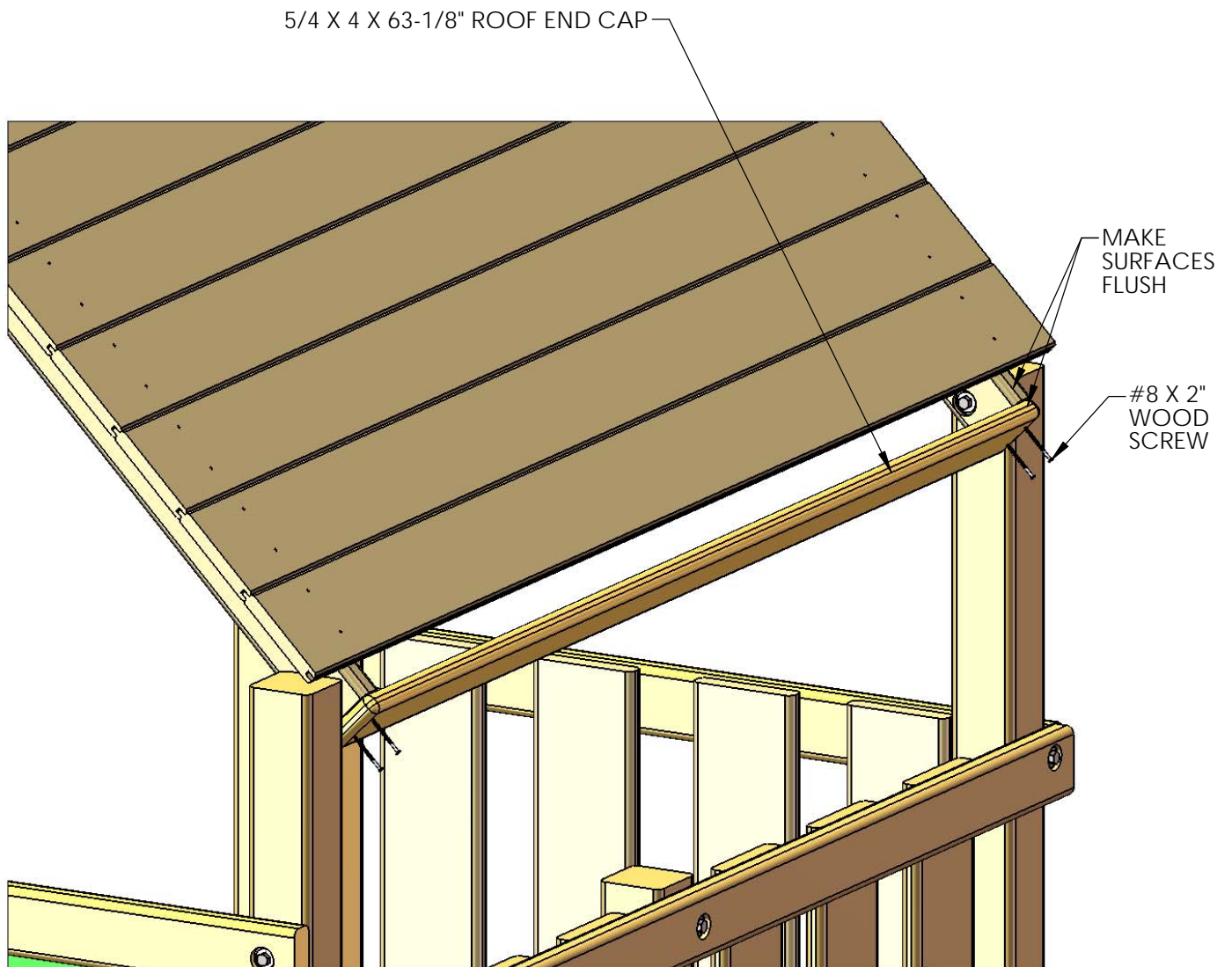
## STEP 71: ROOF END CAP

1: LOCATE TWO 5/4 X 4 X 63-1/8" ROOF END CAPS.

2: PLACE THE ROOF END CAP AGAINST THE END OF THE ROOF SUPPORTS. MAKE SURE THE TOP OF THE ROOF END CAP AND THE TOP OF THE ROOF SUPPORTS ARE FLUSH.

3: ATTACH THE ROOF END CAP TO THE ROOF SUPPORTS WITH FOUR #8 X 2" WOOD SCREWS.

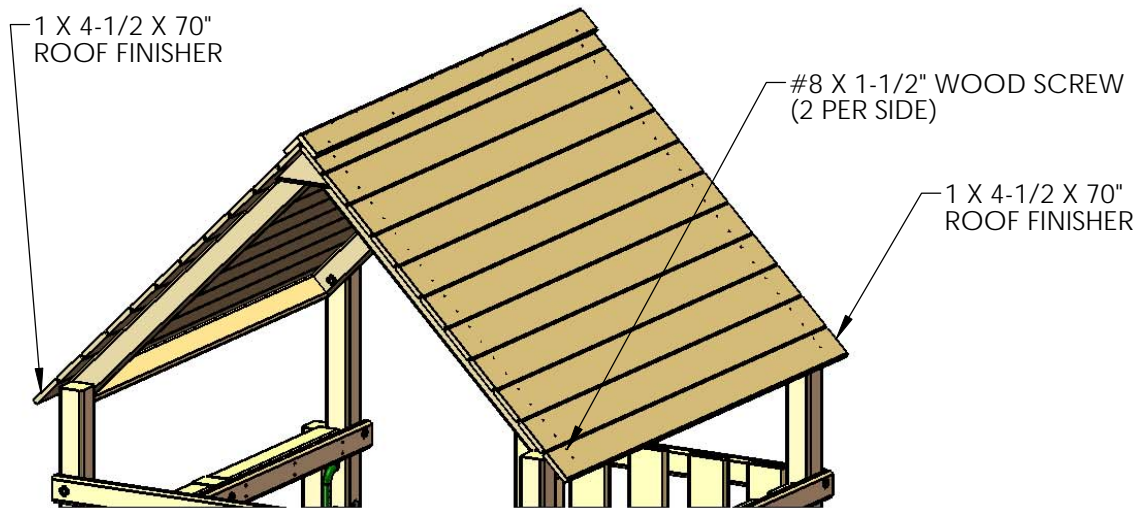
4: ATTACH THE OTHER ROOF END CAP ON THE OTHER SIDE OF THE ROOF.



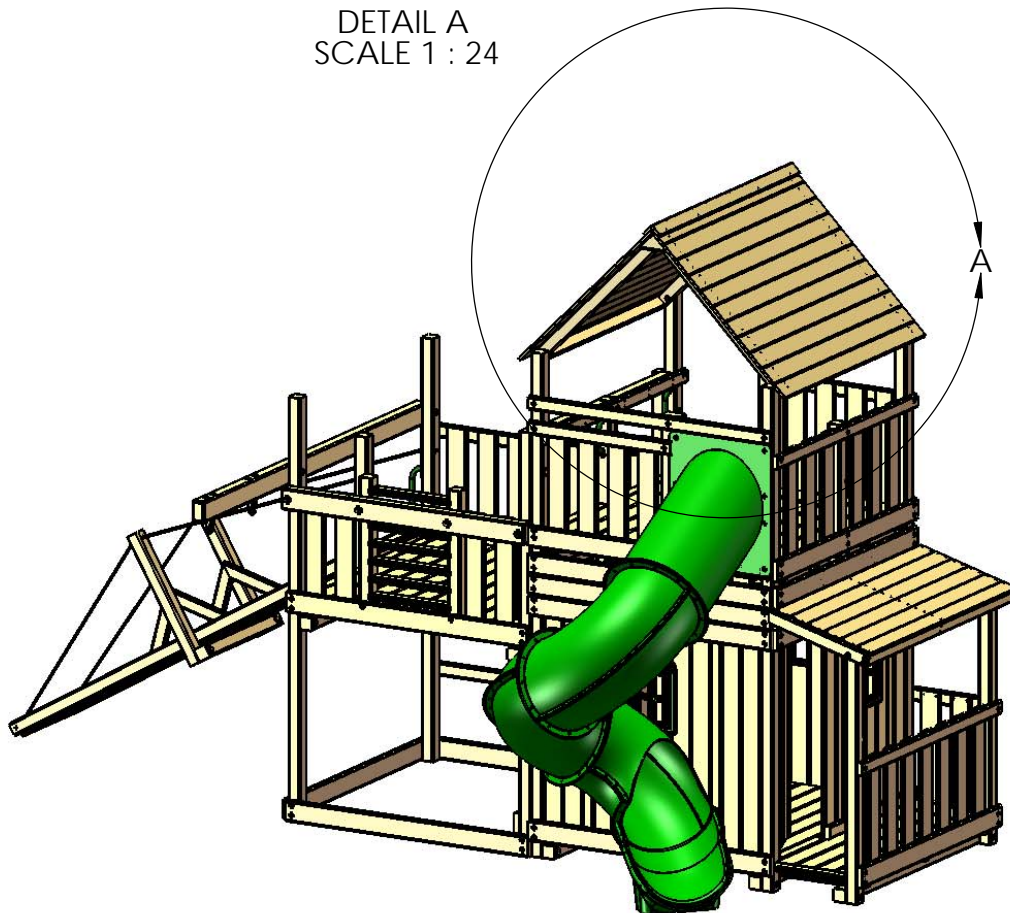


## STEP 72: ROOF FINISHERS

- 1: LOCATE TWO 1 X 4-1/2" X 70" ROOF FINISHERS.
- 2: PLACE THE TONGUE OF THE ROOF FINISHER INTO THE GROOVE OF THE LAST ROOF BOARD. MAKE SURE THE END OF THE ROOF FINISHER IS FLUSH WITH THE END OF THE ROOF BOARD.
- 3: ATTACH THE ROOF FINISHER TO THE ROOF SUPPORTS WITH FOUR #8 X 1-1/2" WOOD SCREWS.
- 4: ATTACH THE OTHER ROOF FINISHER ON THE OTHER SIDE OF THE ROOF.



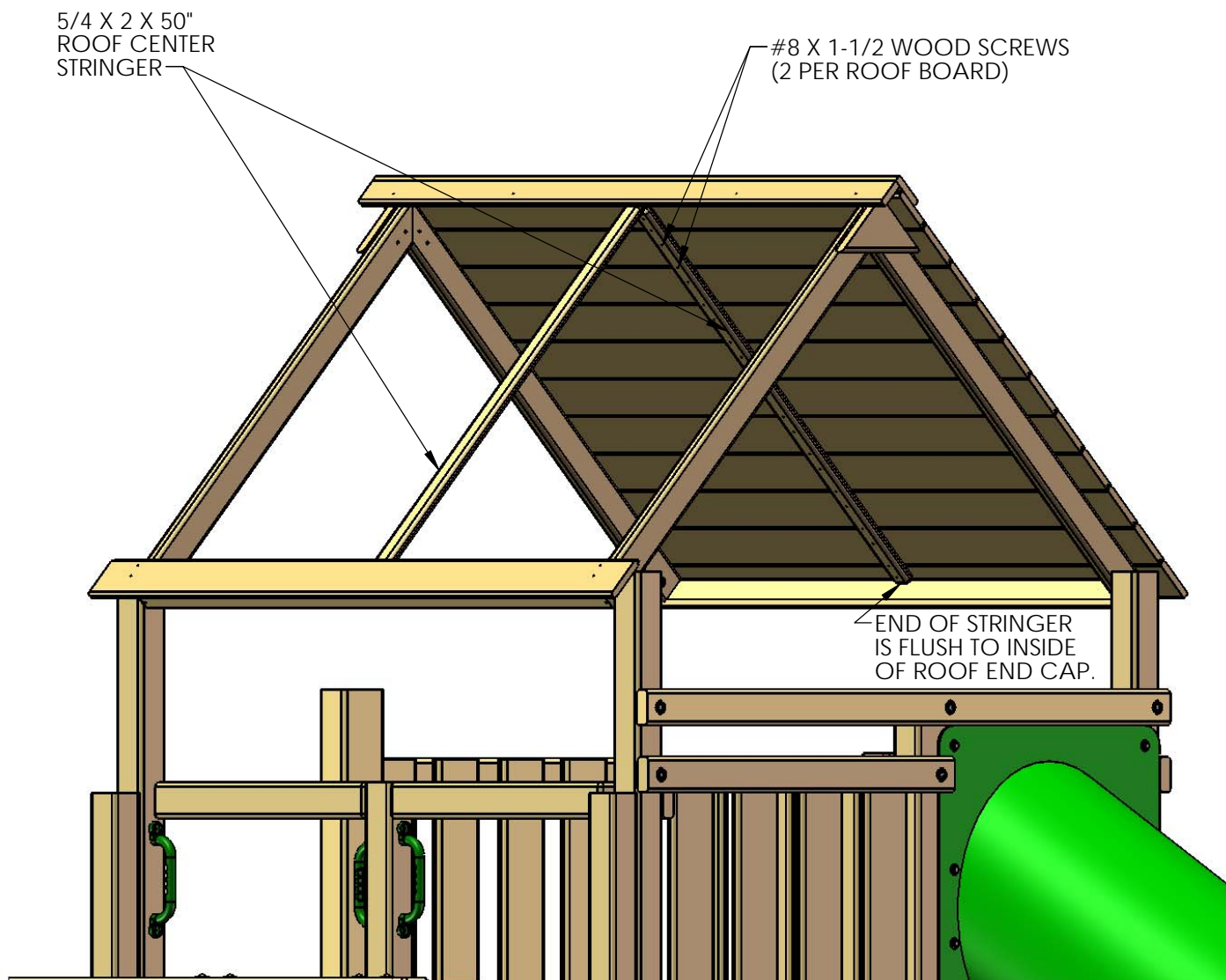
DETAIL A  
SCALE 1 : 24





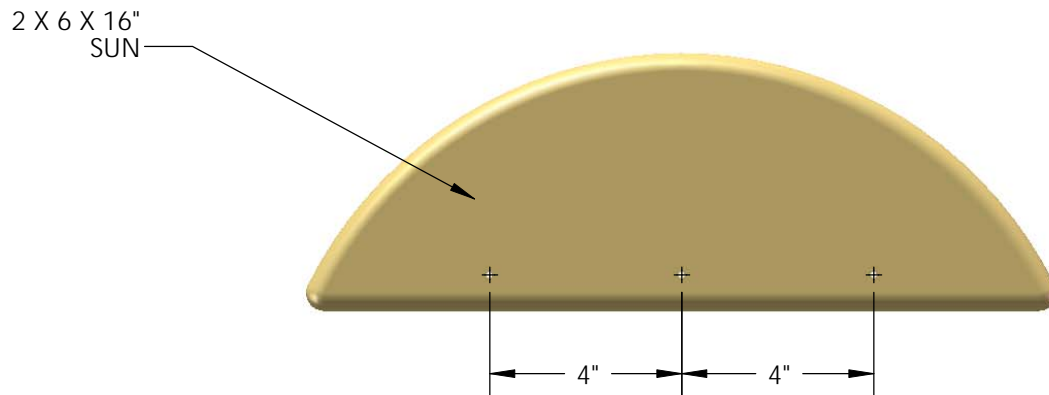
## STEP 73: ROOF CENTER STRINGERS

- 1: LOCATE TWO 5/4 X 2 X 50" ROOF CENTER STRINGERS.
- 2: PLACE A ROOF CENTER STRINGER UNDERNEATH THE ROOF BOARDS AS SHOWN ALONG THE CENTER OF THE ROOF. PLACE THE END OF THE ROOF CENTER STRINGER FLUSH TO THE INSIDE OF THE ROOF END CAP.
- 3: ATTACH THE CENTER STRINGER TO EACH ROOF BOARD WITH #8 X 1-1/2" WOOD SCREWS. EACH ROOF BOARD WILL BE ATTACHED TO THE STRINGER WITH TWO WOOD SCREWS.
- 4: INSTALL THE OTHER ROOF CENTER STRINGER ON THE OTHER SIDE OF THE ROOF.

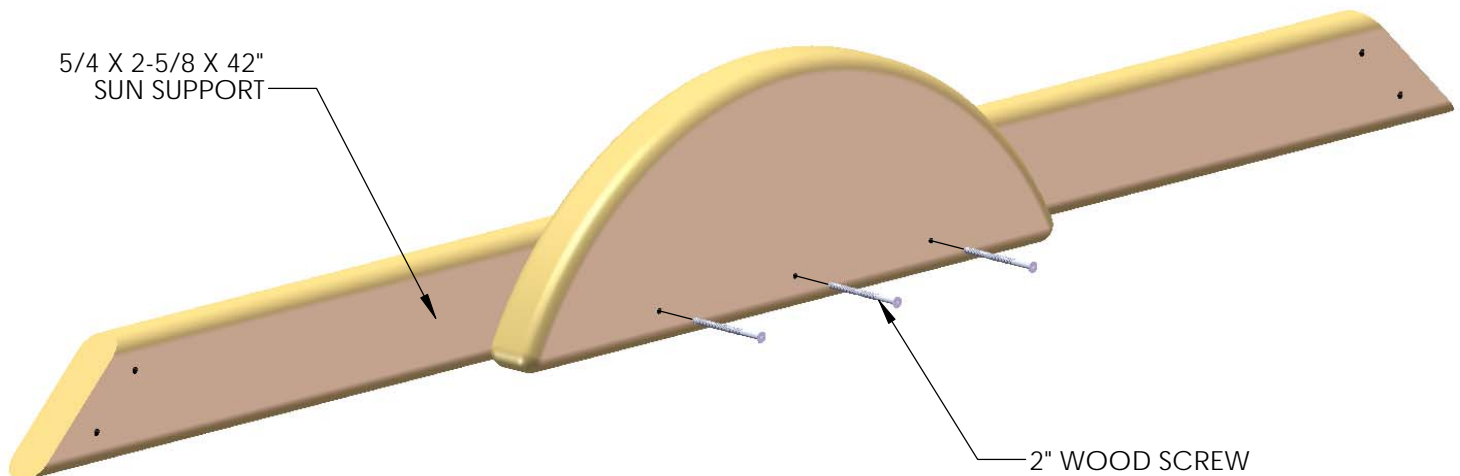


## STEP 74: SUNBURST

1: PRE-DRILL HOLES IN THE 2 X 6 X 16" SUN TO THE PATTERN SHOWN BELOW.

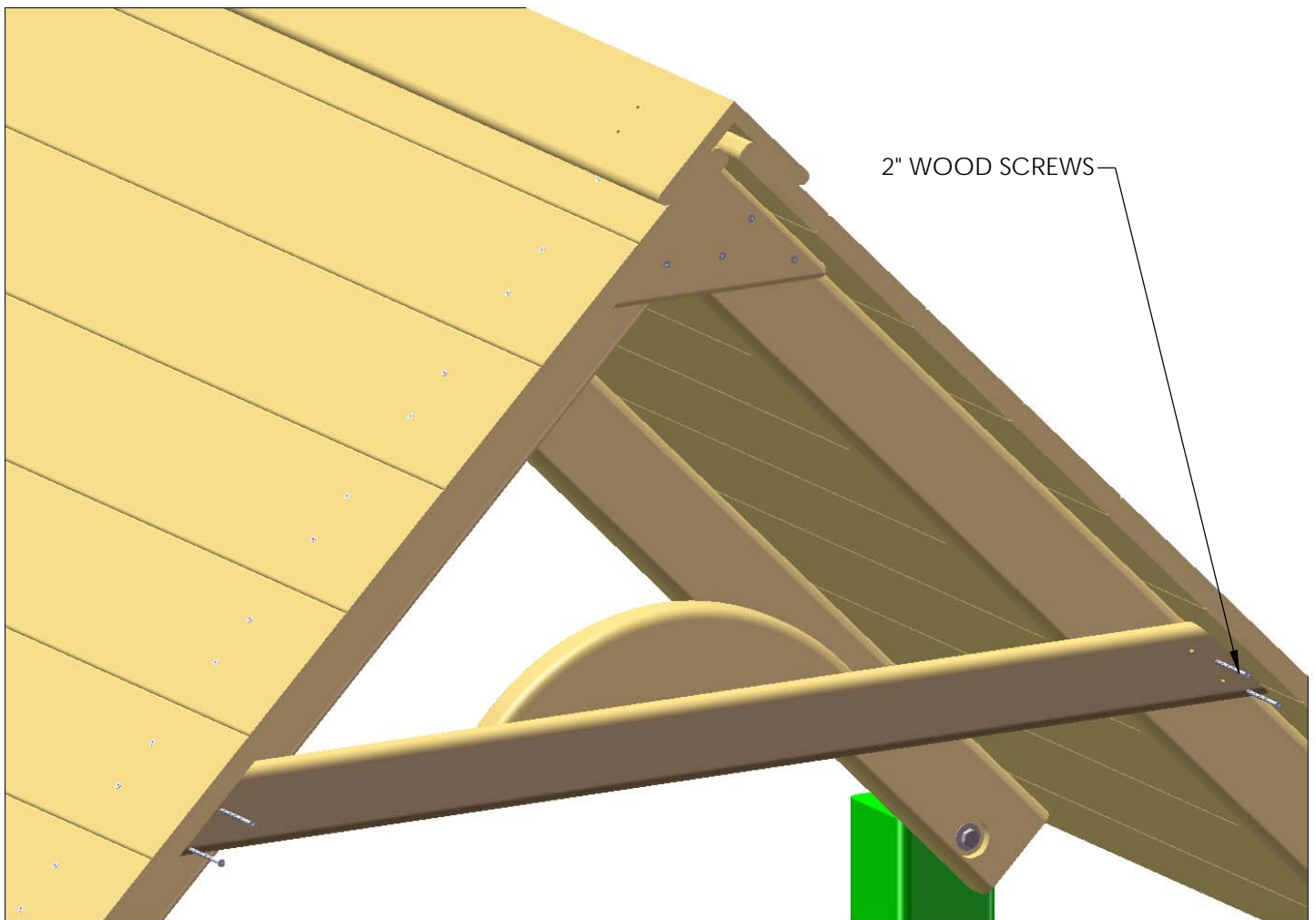


2: PLACE THE 2 X 6 X 16" SUN CENTERED AGAINST THE 5/4 X 2-5/8 X 42" SUN SUPPORT. FASTEN THE SUN TO THE SUN SUPPORT WITH 2" WOOD SCREWS. REPEAT THIS PROCESS TWO MORE TIMES.



## STEP 75: SUNBURST

- 1: PLACE THE ASSEMBLY MADE IN THE PREVIOUS STEP UNDERNEATH THE ROOF BOARDS, AND AGAINST THE ANGLED ROOF SUPPORTS. MAKE SURE THE ASSEMBLY IS LEVEL BEFORE PROCEEDING TO THE NEXT STEP.
- 2: FASTEN THE SUN ASSEMBLY TO THE FORT WITH 2" WOOD SCREWS FROM THE OUTSIDE INTO THE ROOF SUPPORTS.
- 3: REPEAT ON THE OPPOSITE SIDE OF THE FORT.



## STEP 76: SUNBURST

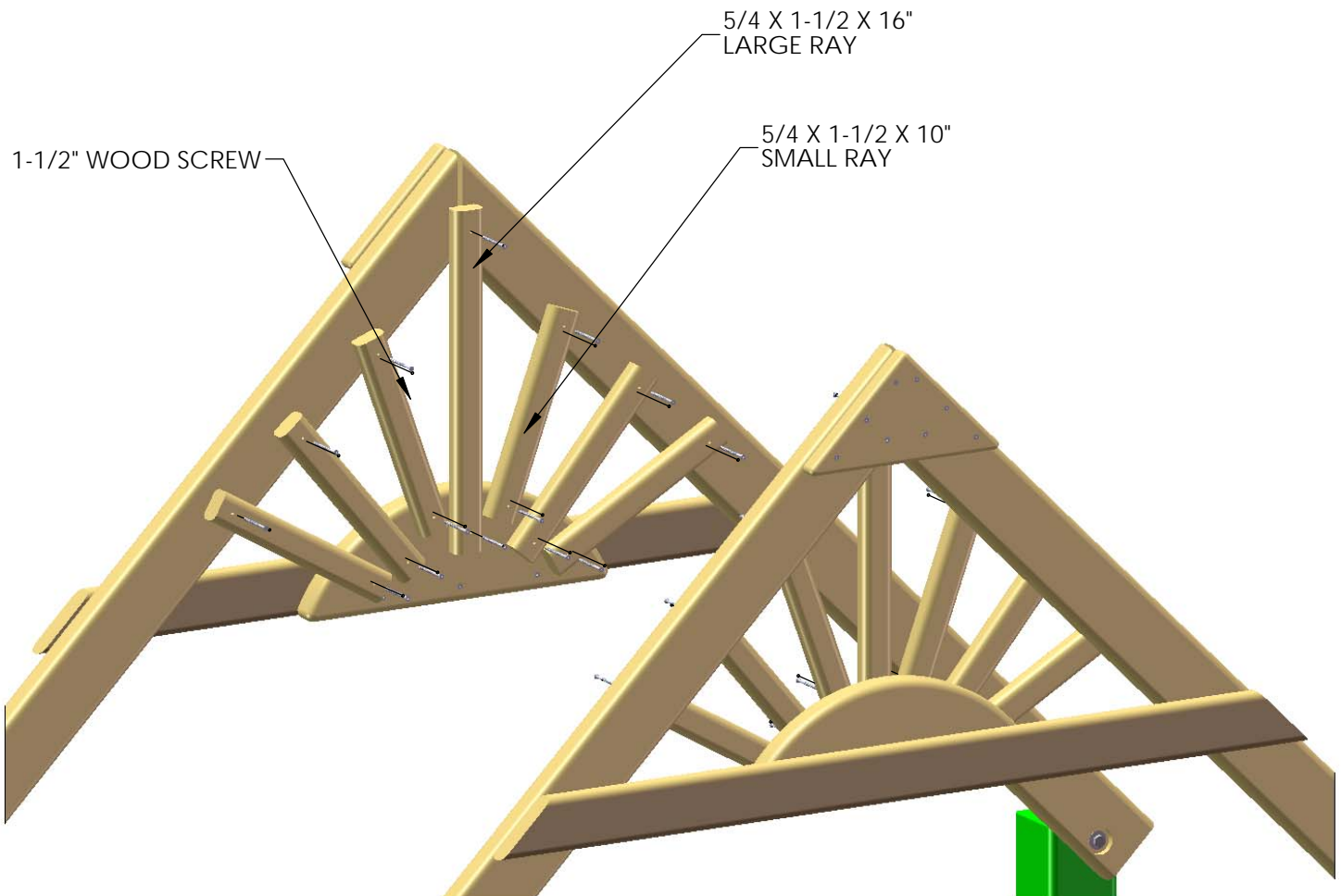
1: PREDRILL ALL SUNRAYS 1/8" DIAMETER AT 3/4" ON CENTER FROM EACH END.

2: CENTER THE 5/4 X 1-1/2 X 16" LARGE RAY ONTO THE HALF SUN AND THE ROOF SUPPORT BOARDS AND FASTEN WITH TWO 1-1/2" SCREWS.

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

4: SECURE THE SMALL SUNRAYS ONE AT A TIME TO THE HALF SUN AND THE ROOF SUPPORT BEAMS AND LINE THEM UP WITH THE MARK DRAWN. FASTEN THE SMALL SUNRAYS WITH TWO 1-1/2" WOOD SCREWS EACH. REPEAT ON OTHER SIDE OF FORT.

NOTE:  
ROOF BOARDS REMOVED FROM VIEW FOR CLARITY



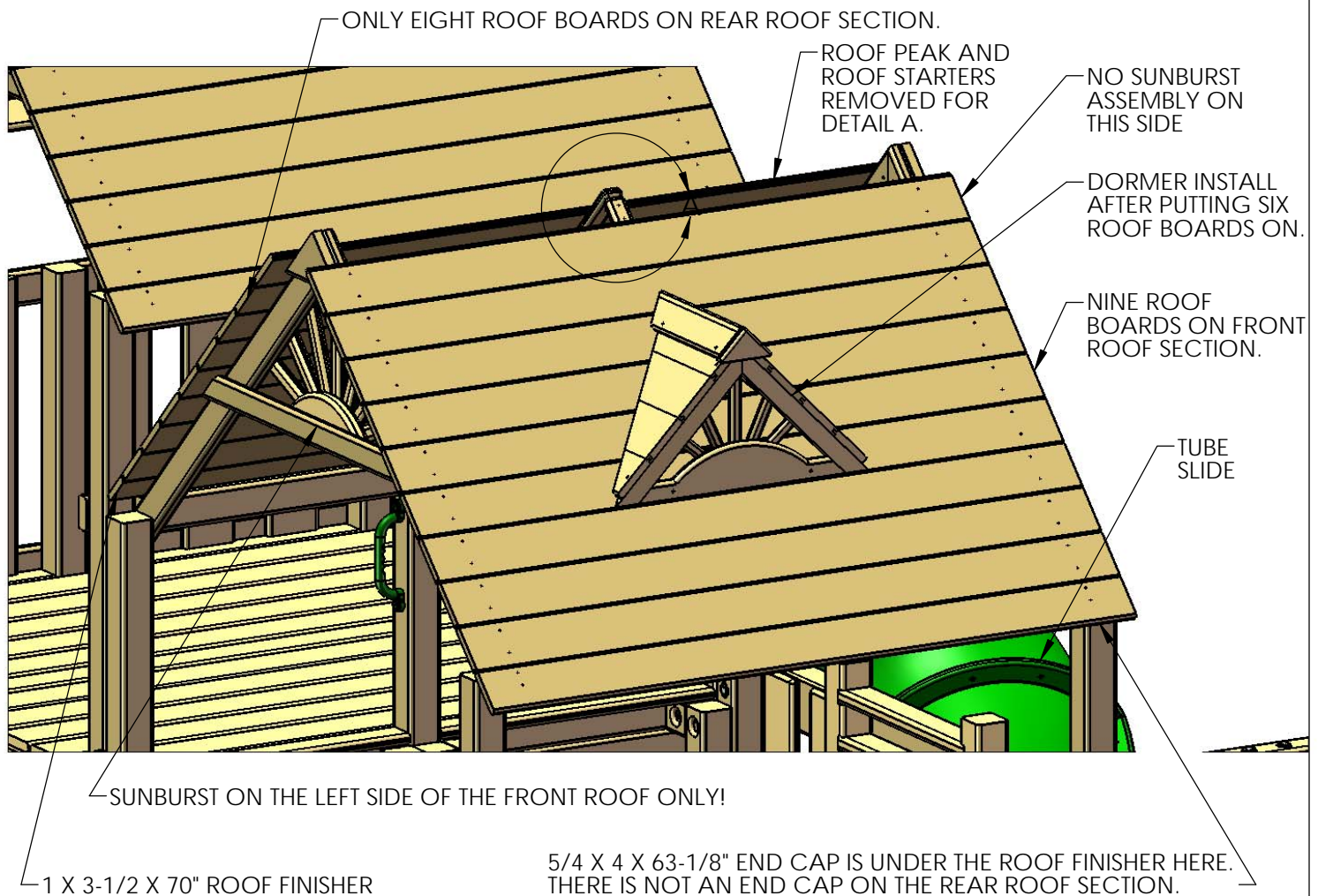


## STEP 77: LOWER LEVEL ROOF AND DORMERS

1: USE THE SAME METHOD DESCRIBED IN STEPS 65-76 TO INSTALL THE LOWER LEVEL ROOF AND SUNBURST. NOTE THERE WILL NOT BE A SUNBURST ON THE RIGHT SIDE OF THE LOWER LEVEL ROOF.

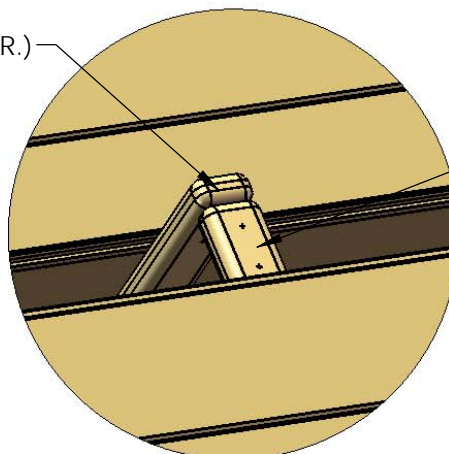
2: WHEN INSTALLING THE ROOF BOARDS ON THE FRONT ROOF SECTION STOP AT THE 6TH ROOF BOARD AND ASSEMBLE/INSTALL A DORMER. (INSTRUCTIONS FOR ASSEMBLING AND INSTALLING THE DORMERS ARE PROVIDED SEPARATELY) THEN COMPLETE INSTALLING THE ROOF BOARDS AND ROOF FINISHERS.

3: THERE WILL ONLY BE EIGHT ROOF BOARDS AND ONE 1 X 3-1/2 X 70" ROOF FINISHER ON THE REAR ROOF SECTION. THERE IS NOT A ROOF END CAP ON THE REAR ROOF SECTION.



5/4 X 2 X 47-1/2" ROOF STRINGER  
(TOP END FLUSH WITH ROOF STARTER.)

DETAIL A  
SCALE 1 : 6



5/4 X 2 X 50" ROOF STRINGER  
(BOTTOM END FLUSH WITH  
5/4 X 4 X 63-1/8" END CAP.)

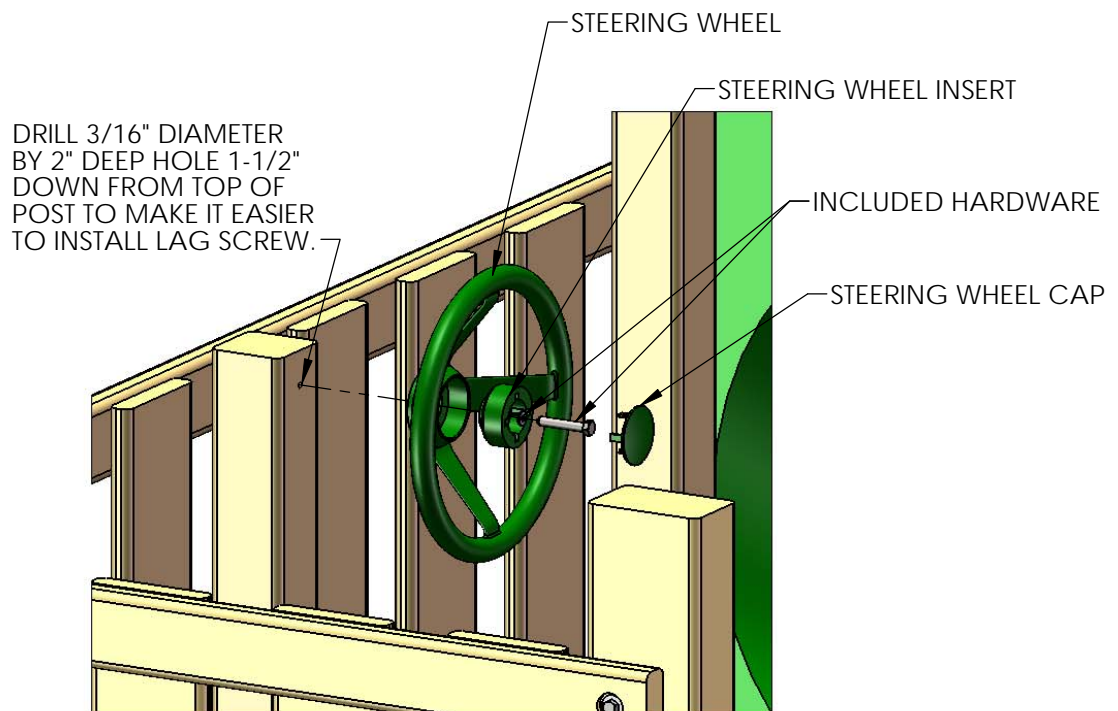
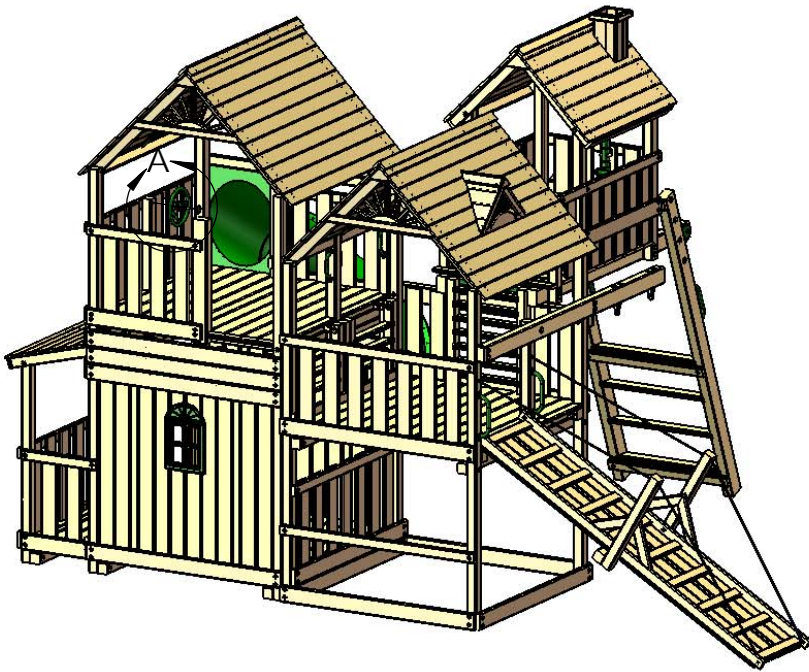
## STEP 78: STEERING WHEEL

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 REAR CENTER POST ON THE UPPER LEVEL DECK. 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.

**TIP:** DRILL A 3/16" DIAMETER HOLE 2" DEEP AND 1-1/2" DOWN FROM THE TOP OF THE POST. THIS WILL MAKE IT EASIER TO DRIVE IN THE LAG SCREW BY HAND.



DETAIL A  
SCALE 1 : 8



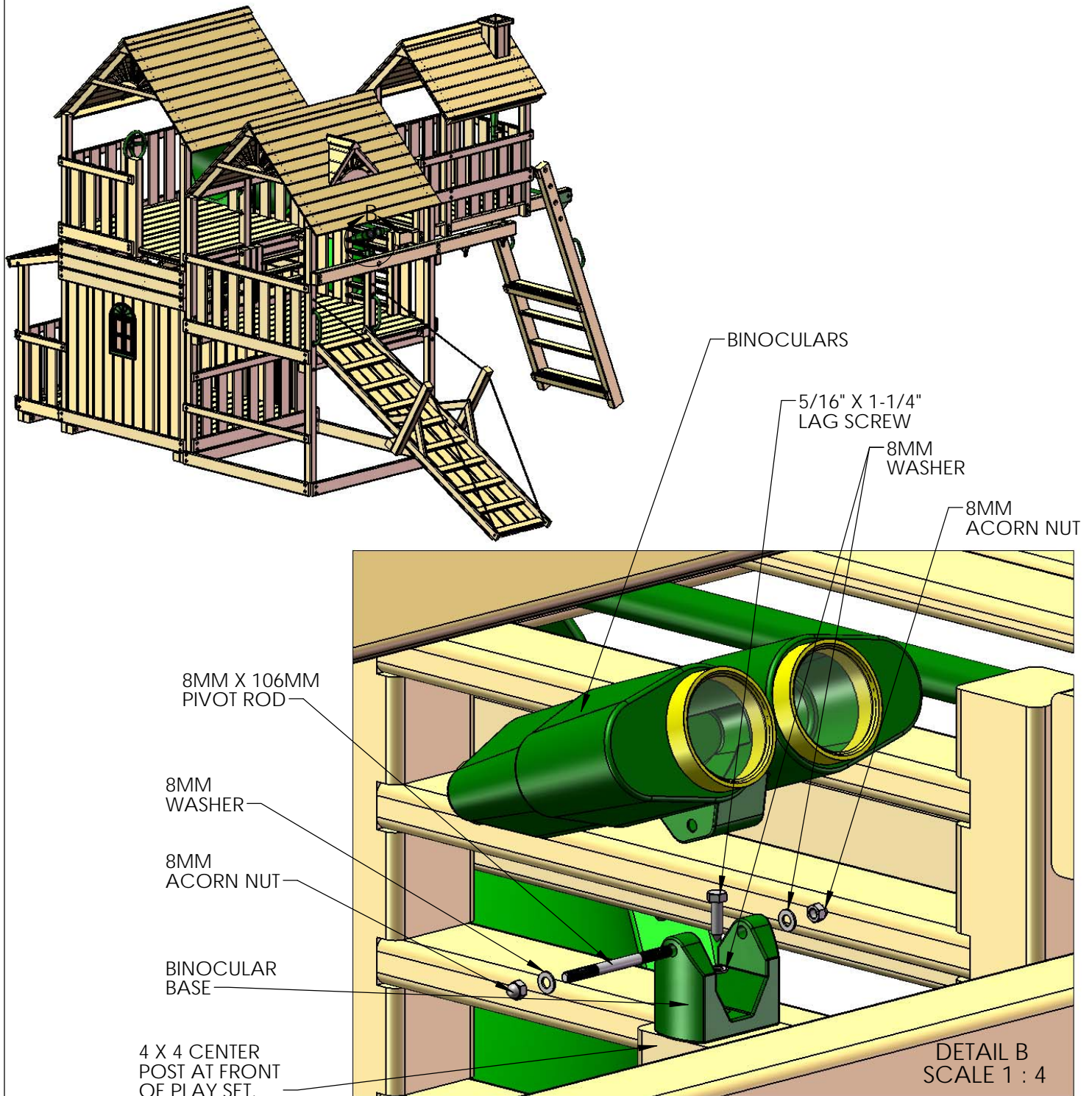
## STEP 79: BINOCULARS

1: ATTACH THE BINOCULAR BASE TO THE TOP OF THE 4 X 4 CENTER POST AT THE FRONT OF THE PLAY SET. FASTEN WITH ONE 5/16" X 1-1/4" LAG SCREW AND ONE 8MM WASHER INCLUDED WITH THE BINOCULARS.

2: PLACE THE BOTTOM SIDE OF THE BINOCULARS WITH THE HOLE IN IT INSIDE THE BINOCULAR BASE. LINE UP THE HOLES IN THE BINOCULAR BASE WITH THE HOLE ON THE BOTTOM SIDE OF THE BINOCULARS.

3: SLIDE THE 8MM DIAMETER X 106MM LENGTH PIVOT ROD THROUGH THE HOLES.

4: FASTEN ONE 8MM ACORN NUT AND ONE 8MM WASHER ON EACH END OF THE PIVOT ROD.



## STEP 80: FLAG KIT AND NAME PLATE

1: PLACE THE BASE OF EACH FLAG ON THE FRONT OF THE CORNER POSTS AT THE LOWER LEVEL AS SHOWN.

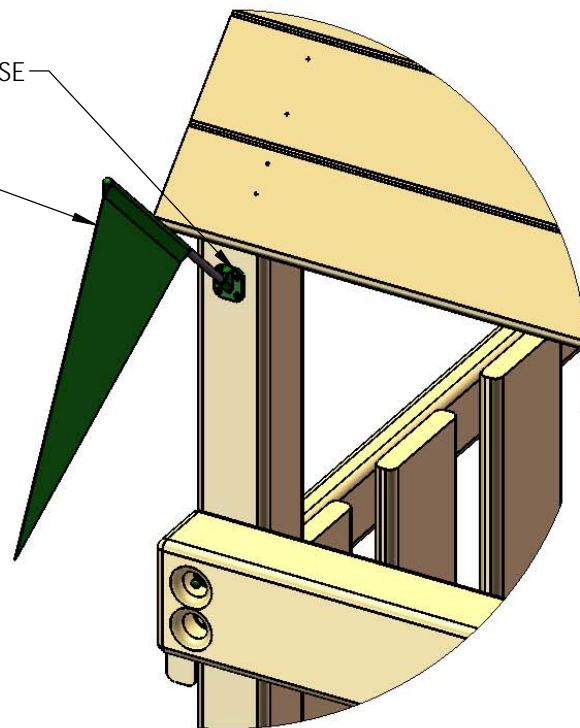
2: ATTACH THE BASE OF THE FLAG TO THE CORNER POST WITH FOUR 1/2" PHILLIPS SCREWS PROVIDED WITH THE FLAG.

3: PLACE THE MAST OF THE FLAG INTO THE BASE.

4: ATTACH PLAYNATION NAME PLATE OVER CENTER HOLE ON TRAPEZE ARM WITH #8 X 1-1/4" WOOD SCREWS.

PLASTIC FLAG BASE

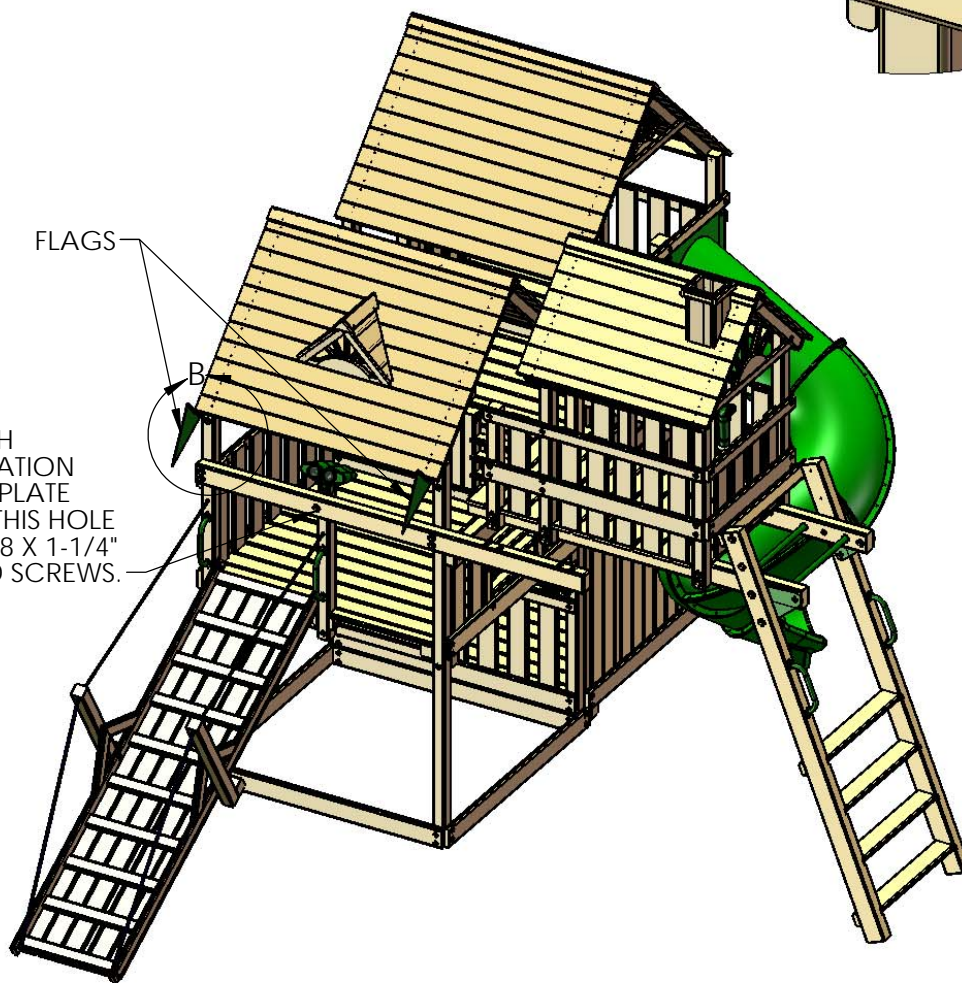
FLAG



FLAGS

B

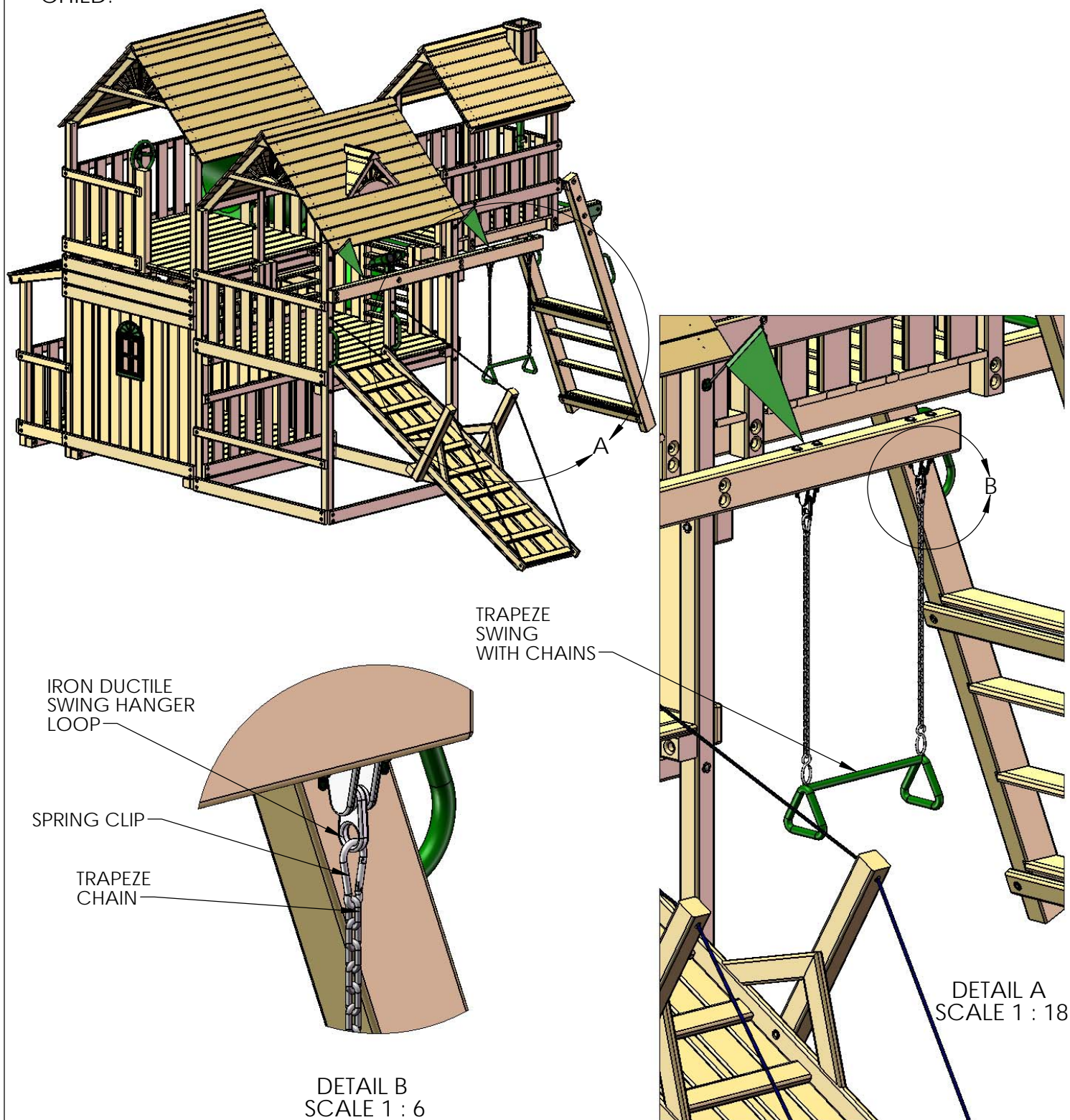
ATTACH  
PLAYNATION  
NAME PLATE  
OVER THIS HOLE  
WITH #8 X 1-1/4"  
WOOD SCREWS.





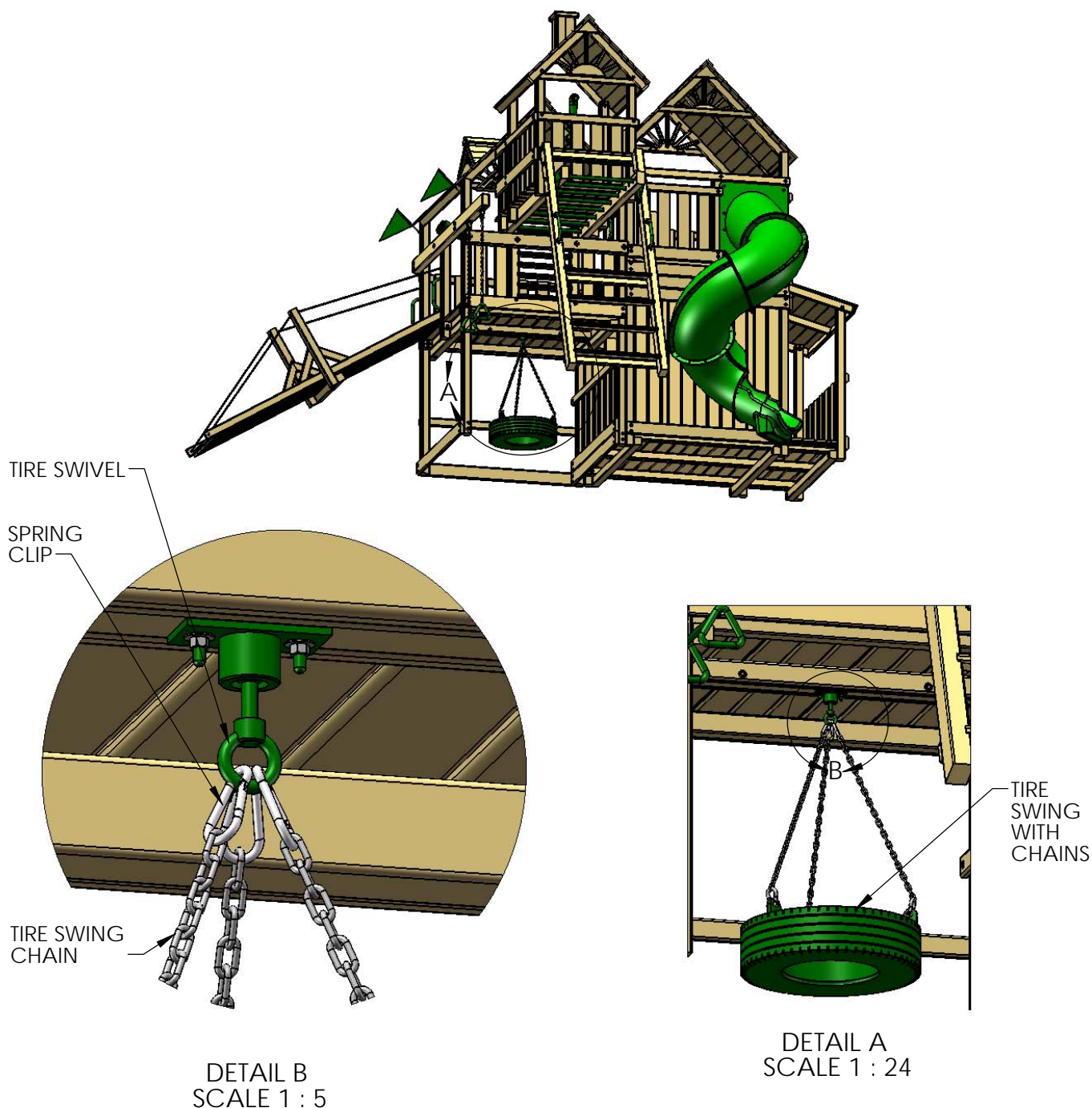
## STEP 81: TRAPEZE SWING

- 1: LOCATE TWO SPRING CLIPS AND THE TRAPEZE SWING WITH CHAINS ATTACHED.
- 2: CLIP THE SPRING CLIPS ONTO THE IRON DUCTILE SWING HANGER LOOPS.
- 3: CLIP THE EACH CHAIN FROM THE TRAPEZE SWING ONTO ONE SPRING CLIP.
- 4: CLIP THE CHAIN LINKS UP OR DOWN ON THE SPRING CLIPS TO SUIT THE NEEDS OF YOUR CHILD.



## STEP 82: TIRE SWING

- 1: LOCATE THREE SPRING CLIPS AND THE TIRE SWING WITH CHAINS.
- 2: CLIP ALL THREE SPRING CLIPS ONTO THE TIRE SWIVEL UNDERNEATH THE FRONT DECK OF THE PLAY SET.
- 3: EACH SPRING CLIP WILL HOLD ONE CHAIN.
- 4: ADJUST EACH CHAIN UP OR DOWN TO SUIT THE NEEDS OF YOUR CHILD.
- 5: IF THE CHAIN ENDS ARE HANGING DOWN THEN OPEN THE END OF THE SPRING CLIP AND LOOP THE CHAIN SEVERAL TIMES OVER THE SPRING CLIP. IF THE AMOUNT OF HANGING CHAIN IS REALLY LONG THEN GRAB THE MIDDLE OF THE HANGING LENGTH AND PLACE THE MIDDLE LINK OVER THE SPRING CLIP, THEN PLACE THE END LINK OVER THE SPRING CLIP.



# **UNIT B**

**(Connector Bridge that spans between UNIT A and UNIT C.)**

#8 X 2-1/2"  
WOOD SCREW  
QTY: 88



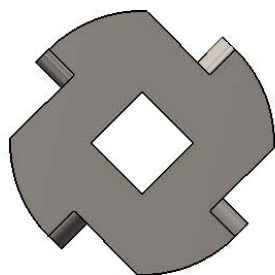
#8 X 2"  
WOOD SCREW  
QTY: 92



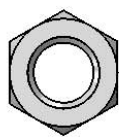
#8 X 1-1/2"  
WOOD SCREW  
QTY: 20



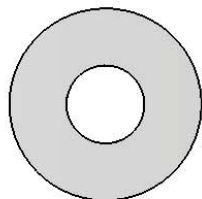
#8 X 1-1/4"  
WOOD SCREW  
QTY: 8



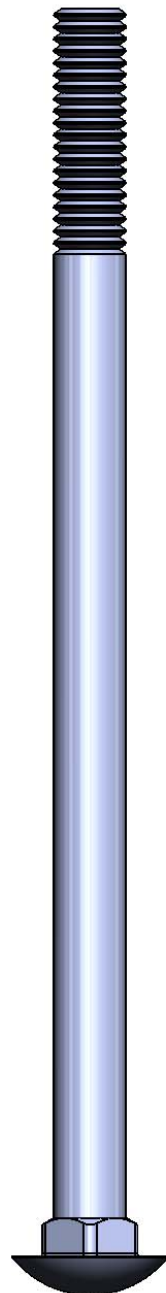
TORQUE WASHER  
QTY: 12



3/8" LOCK NUT  
QTY: 12

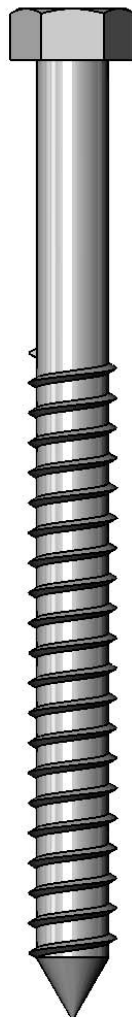


3/8" WASHER  
QTY: 36

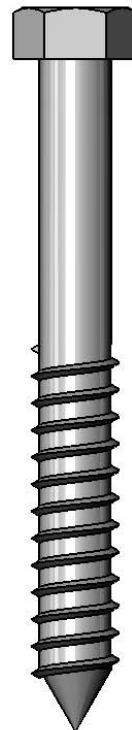


3/8 X 6-1/2"  
CARRIAGE BOLT  
QTY: 12

3/8" X 5"  
HEX LAG SCREW  
QTY: 12



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



#2  
SQUARE  
DRIVE BIT  
QTY: 1

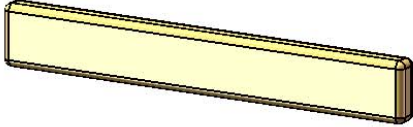
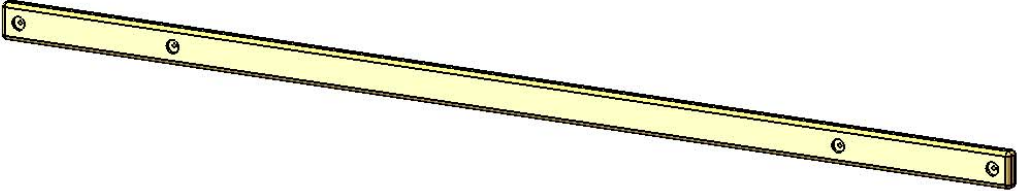
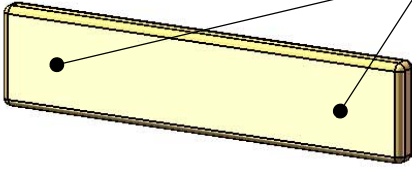
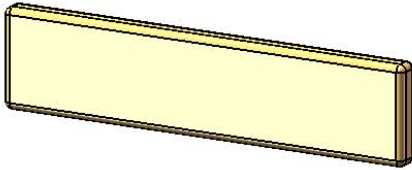
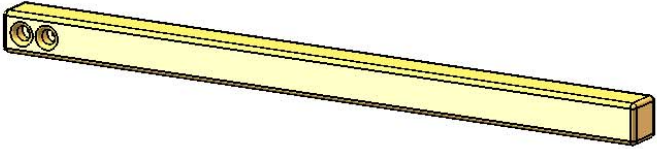
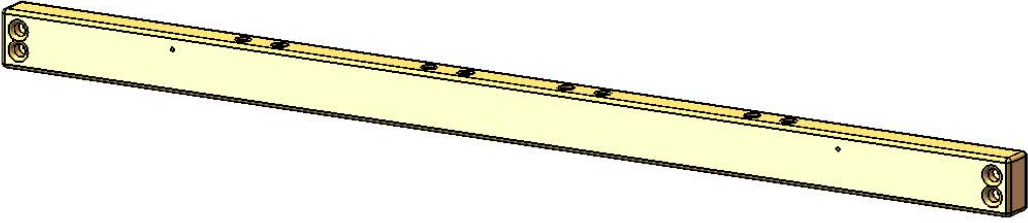
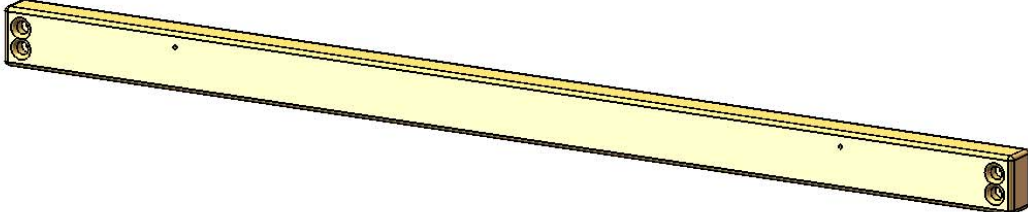


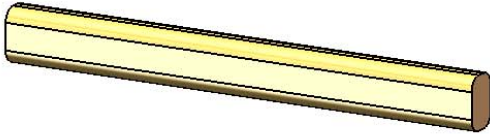
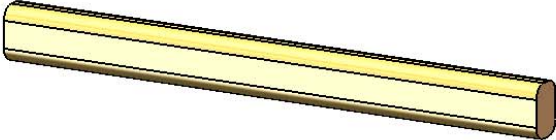
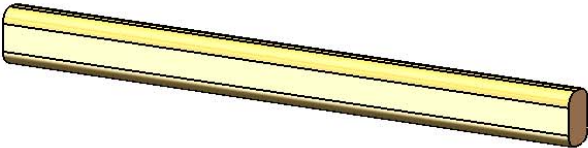
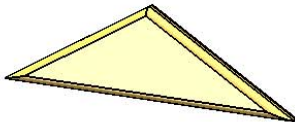
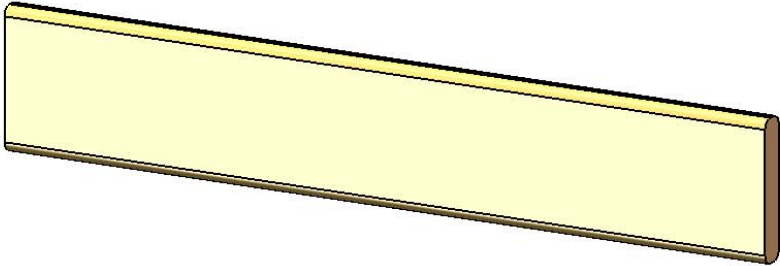
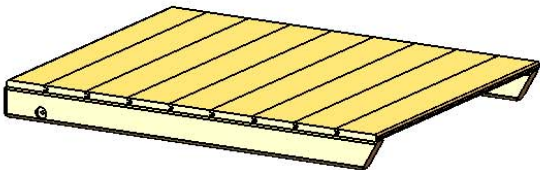
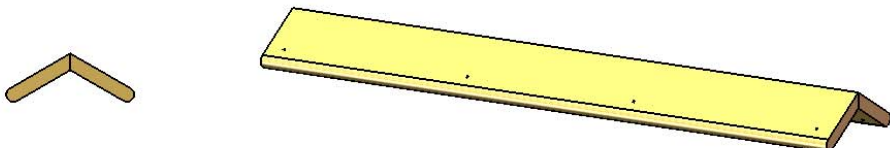
PLASTIC  
BOLT CAP  
QTY: 12

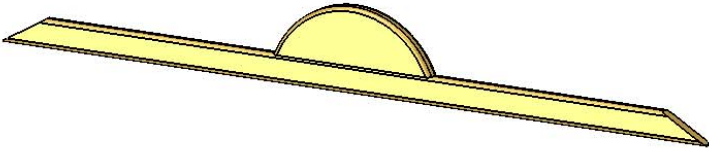

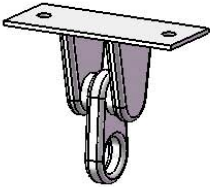
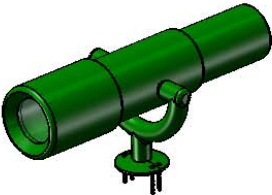
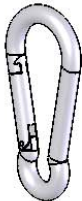

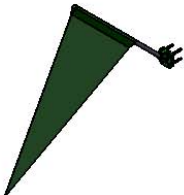
9  
8  
7  
6  
5  
4  
3  
2  
1

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.
	2 X 4 X 24" BRIDGE DECK BOARD	<b>1</b>
	2 X 4 X 103" BRIDGE RAIL	<b>2</b>
 <p data-bbox="535 703 1079 945">             NOTE FOR 2011 MODEL THERE ARE TWO COUNTERSUNK HOLES IN THIS BOARD.  USE 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS TO ATTACH IF COUNTERSUNK HOLES EXIST IN BOARD.           </p>	2 X 6 X 24" END CAP	<b>2</b>
	2 X 6 X 24" BRIDGE DECK BOARD	<b>19</b>
	4 X 4 X 57" BRIDGE CORNER POST	<b>4</b>
	4 X 6 X 103" BRIDGE SWING BEAM	<b>1</b>
	4 X 6 X 103" BRIDGE BEAM	<b>1</b>

PICTURE	DESCRIPTION	QTY.
	5/4 X 2 X 14" SMALL RAY	<b>4</b>
	5/4 X 2 X 16" MEDIUM RAY	<b>4</b>
	5/4 X 2 X 17" LARGE RAY	<b>2</b>
	5/4 X 5 X 17-3/8" ROOF PEAK SUPPORT	<b>2</b>
	5/4 X 6 X 32" PANEL SLAT	<b>18</b>
	34"W X 45"L ROOF SECTION	<b>2</b>
	34" L ROOF PEAK	<b>1</b>

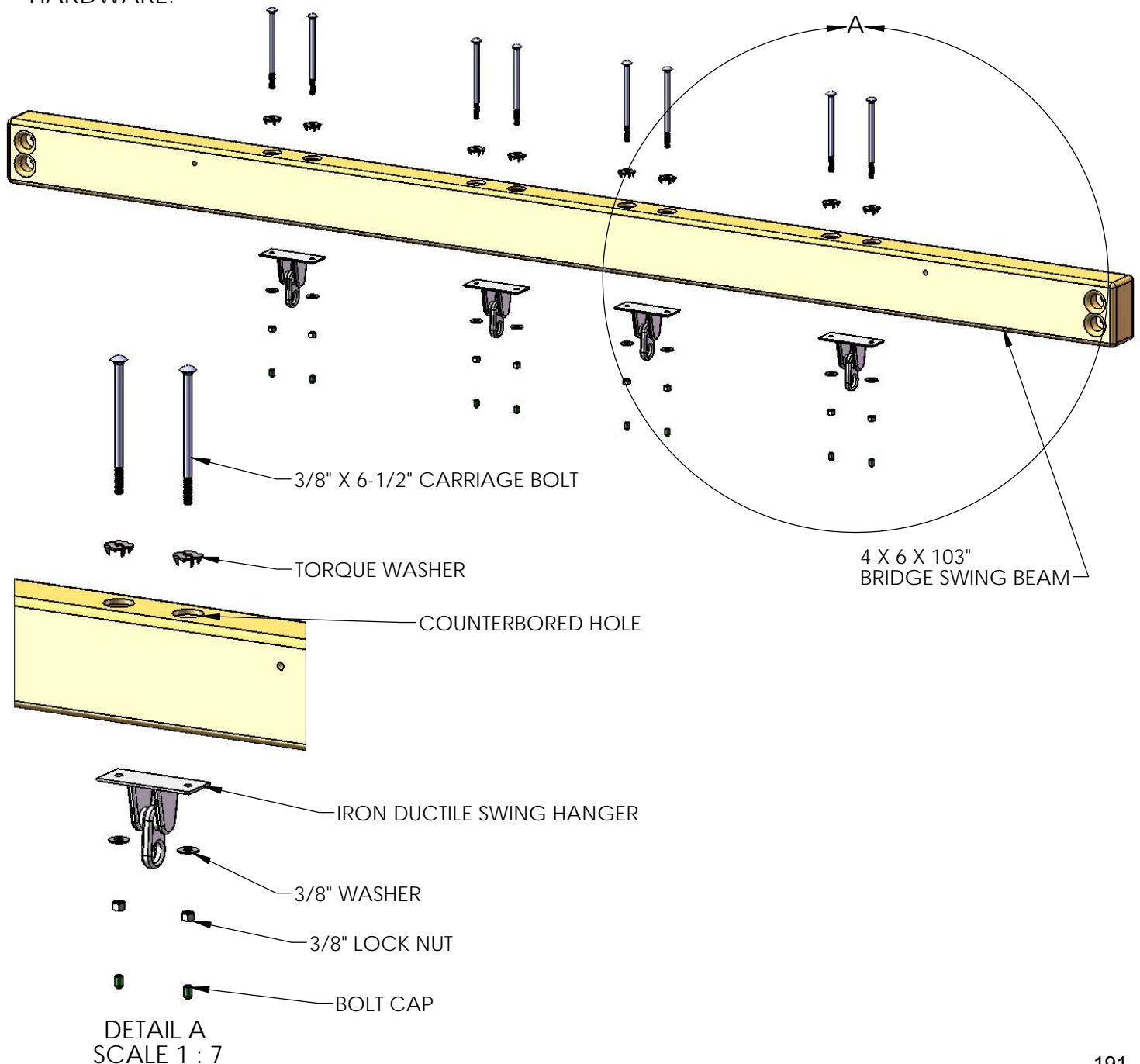
PICTURE	DESCRIPTION	QTY.
	72"W SUN/SUN SUPPORT ASSEMBLY	2
	CHIMNEY (UNASSEMBLED)	1
	IRON DUCTILE SWING HANGER	4
	TELESCOPE	2
	SNAP HOOK	4
	SWING BELT WITH CHAINS	2
	FLAG KIT (PAIR)	1

# STEP 1: ATTACHING IRON DUCTILE SWING HANGERS

1: LOCATE FOUR IRON DUCTILE SWING HANGERS AND ONE 4 X 6 X 103" BRIDGE SWING BEAM.

2: PLACE A TORQUE WASHER OVER THE END OF A 3/8" X 6-1/2" CARRIAGE BOLT. PLACE THE CARRIAGE BOLT INTO THE COUNTERBORED HOLE IN THE TOP OF THE BRIDGE SWING BEAM. LINE UP THE SQUARE SHANK UNDER THE HEAD OF THE BOLT WITH THE SQUARE CUTOUT IN THE TORQUE WASHER. HAMMER THE HEAD OF THE CARRIAGE BOLT TO SEAT THE TORQUE WASHER TEETH INTO THE BOTTOM OF THE COUNTERBORED HOLE. REPEAT THIS PROCESS FOR THE REMAINING SEVEN COUNTERBORED HOLES IN THE TOP OF THE BRIDGE SWING BEAM.

3: PLACE AN IRON DUCTILE SWING HANGER OVER THE ENDS OF THE CARRIAGE BOLTS. FASTEN EACH IRON DUCTILE SWING HANGER TO THE BRIDGE SWING BEAM WITH 3/8" WASHERS AND 3/8" LOCK NUTS. PLACE BOLT CAPS OVER ANY EXPOSED THREADS. REPEAT THIS PROCESS THREE MORE TIMES WITH THE IRON DUCTILE SWING HANGERS AND HARDWARE.





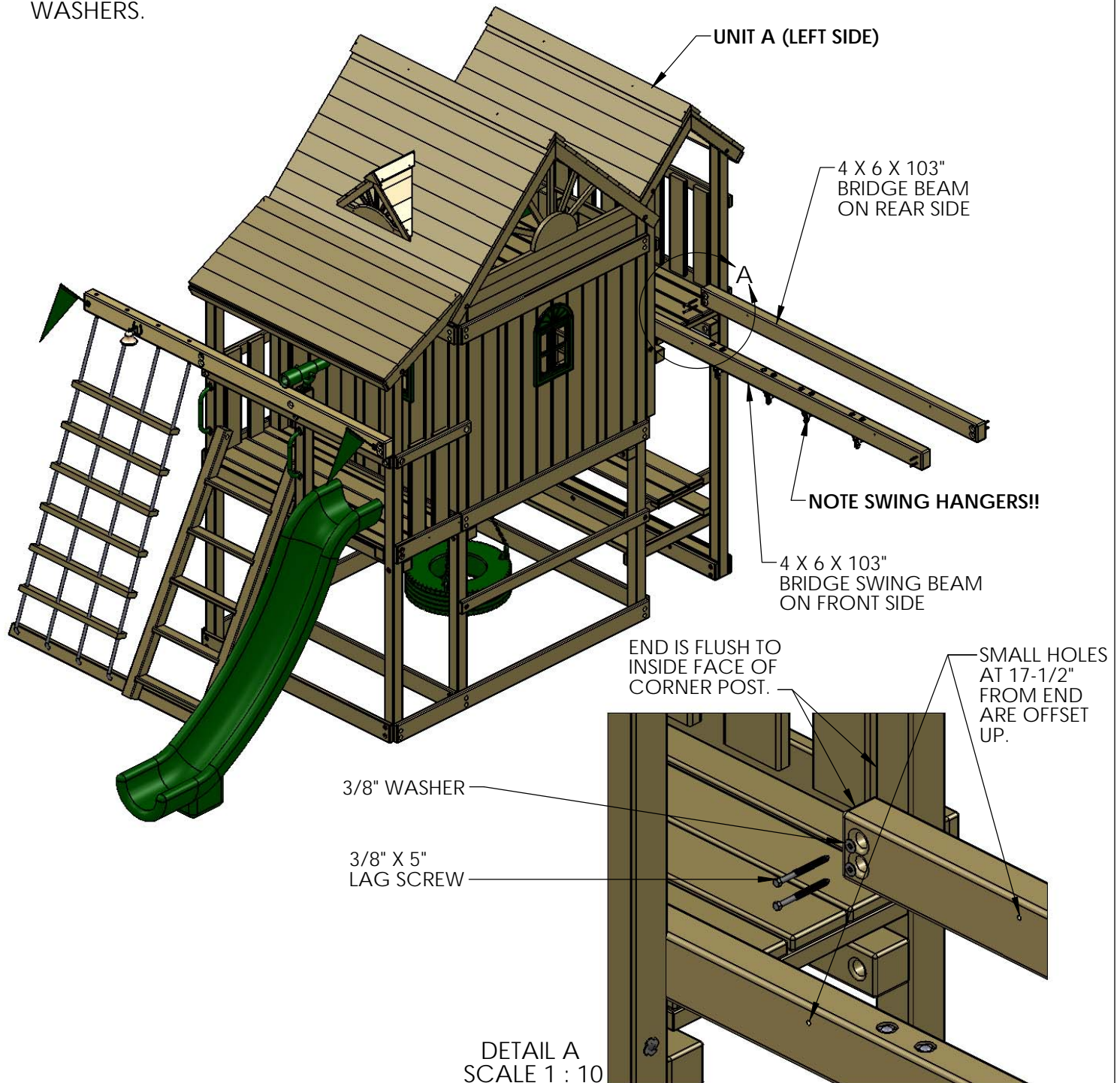
## STEP 2: ATTACH 4 X 6 BEAMS TO PLAY SETS

1: PLACE THE 4 X 6 X 103" BRIDGE SWING BEAM ON TOP OF THE UPPER LEVEL DECK OF BOTH PLAY SETS. THIS BEAM WILL BE ON THE FRONT SIDE OF THE PLAY SETS. (NOTE THE SMALL HOLES 17-1/2" FROM THE ENDS IN THE BEAM SHOULD BE OFFSET UP.)

2: PLACE THE 4 X 6 X 103" BRIDGE BEAM ON TOP OF THE UPPER LEVEL DECK OF BOTH PLAY SETS. THIS BEAM WILL BE ON THE REAR SIDE OF THE PLAY SETS. (NOTE THE SMALL HOLES 17-1/2" FROM THE ENDS IN THE BEAM SHOULD BE OFFSET UP.)

3: ALIGN THE ENDS OF THE BEAMS WITH THE INSIDE OF THE CORNER POSTS ON ONE PLAY SET. GO TO THE DECK OF THE OTHER PLAY SET AND CHECK TO MAKE SURE THE OTHER ENDS OF THE BEAMS ARE FLUSH TO THE INSIDE OF THE CORNER POSTS OR ALMOST FLUSH.

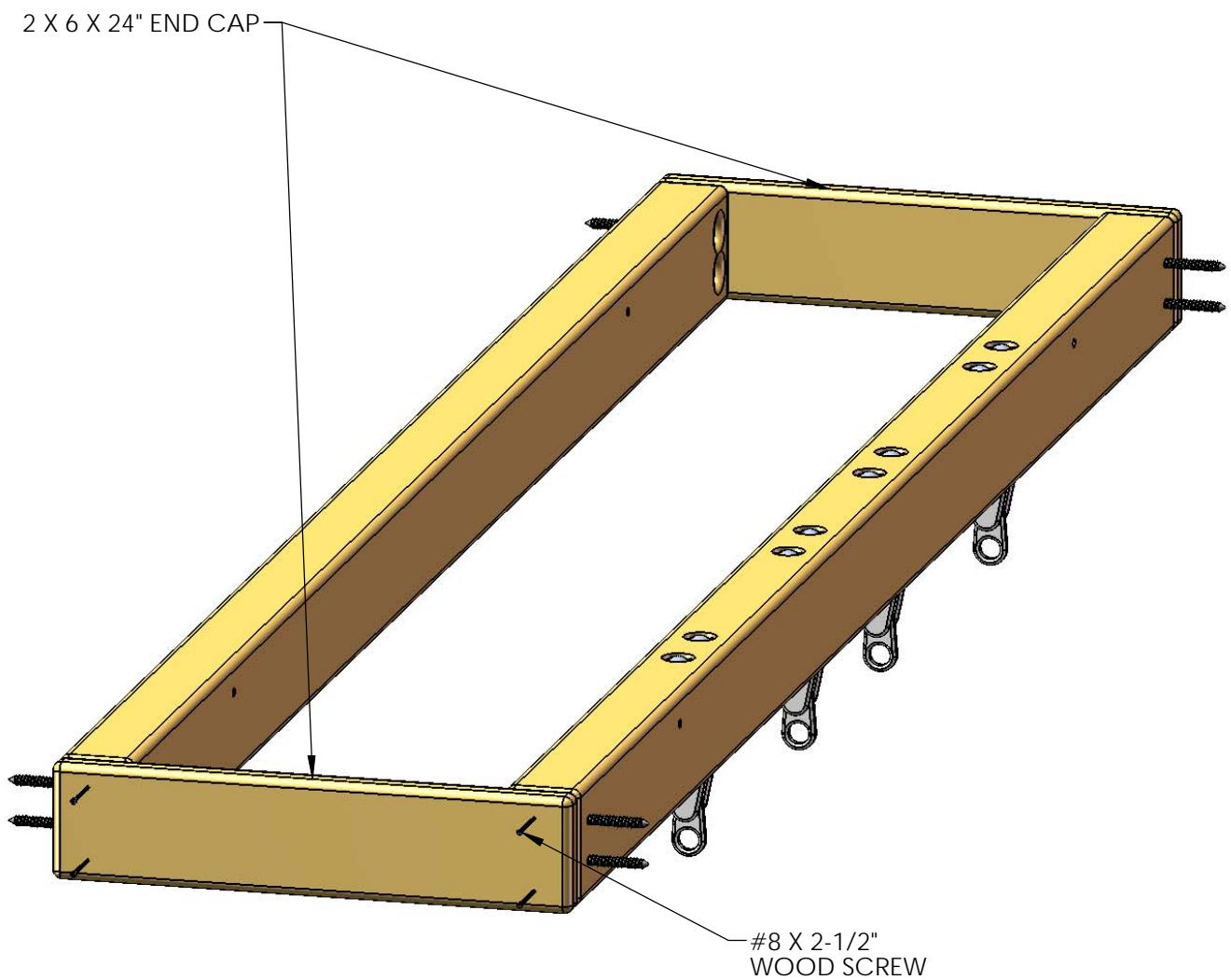
4: ATTACH THE BEAMS ON EACH END WITH TWO 3/8" X 5" LAG SCREWS AND TWO 3/8" WASHERS.



## STEP 3: END CAPS

1: LOCATE TWO 2 X 6 X 24" END CAPS.

2: ATTACH EACH END CAP TO THE ENDS OF THE 4 X 6 X 103" MAIN BEAMS WITH FOUR #8 X 2-1/2" WOOD SCREWS.

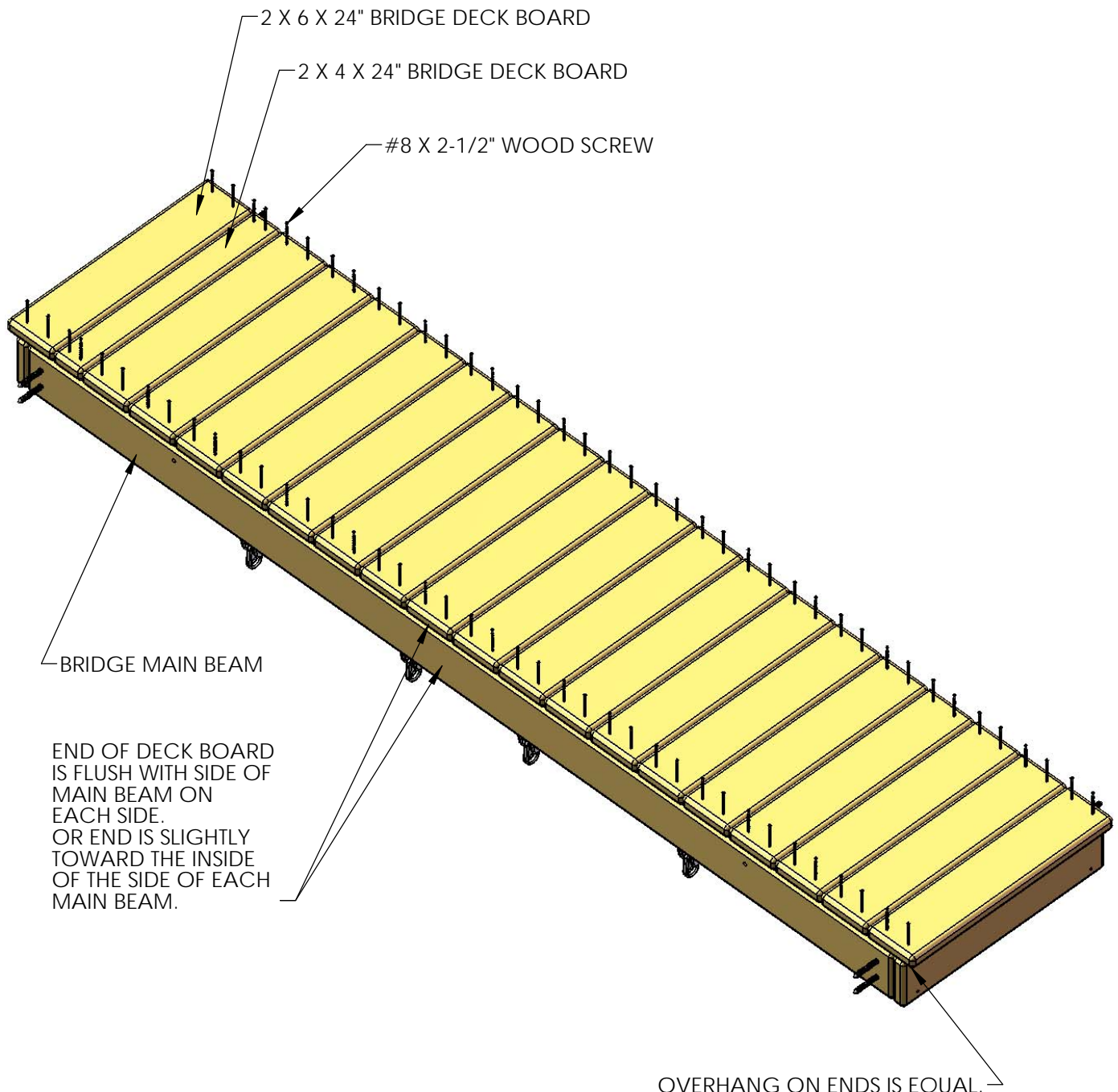


## STEP 4: BRIDGE DECK BOARDS

1: LOCATE NINETEEN 2 X 6 X 24" BRIDGE DECK BOARDS AND ONE 2 X 4 X 24" BRIDGE DECK BOARD.

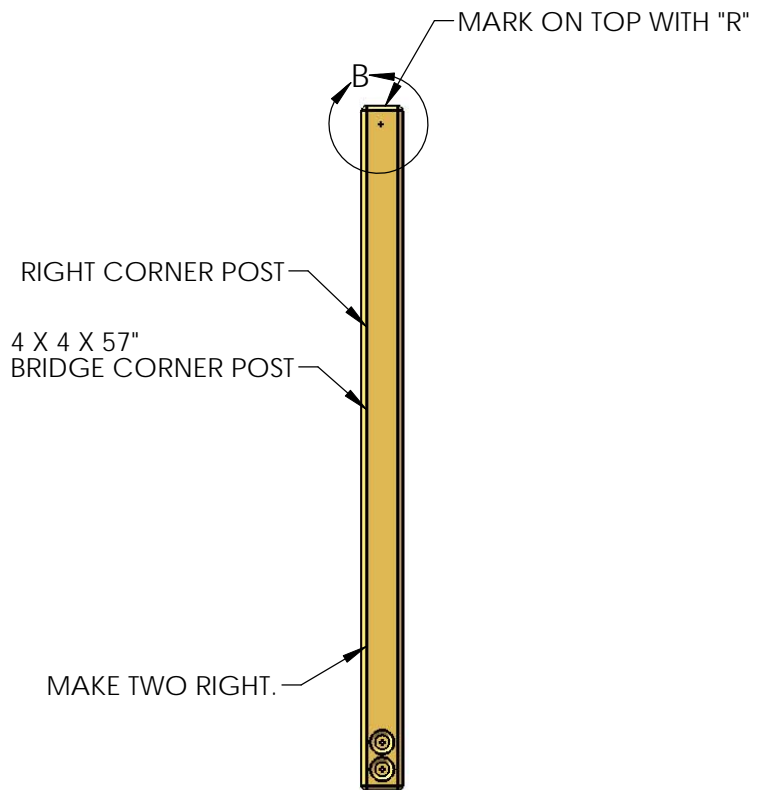
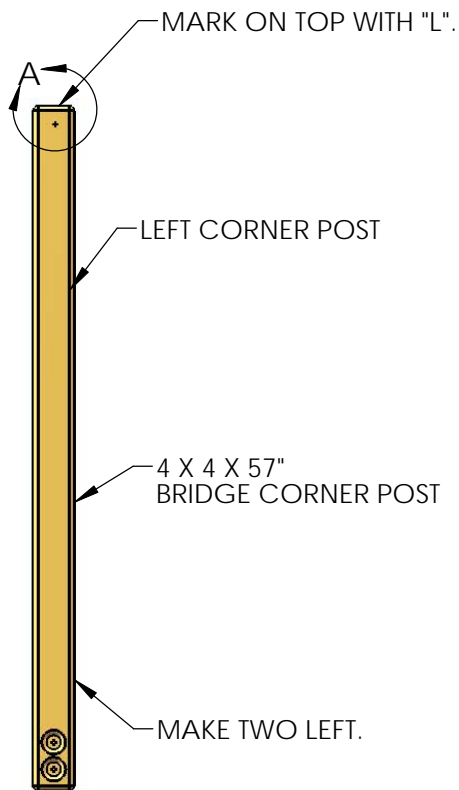
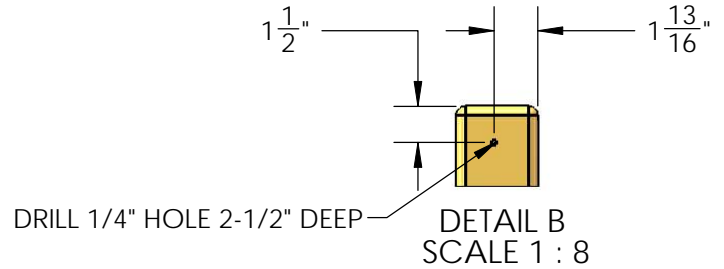
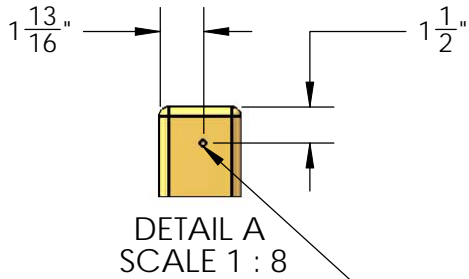
2: ARRANGE THE DECK BOARDS AS SHOWN BELOW BUTTING THEM UP NEXT TO ONE ANOTHER. EACH END OF THE DECK BOARDS SHOULD BE FLUSH WITH THE SIDES OF THE MAIN BEAMS; OR THE ENDS CAN BE SLIGHTLY TOWARD THE INSIDE OF THE SIDES OF THE MAIN BEAMS. AFTER THE BOARDS ARE ARRANGED AS SHOWN THEY MAY OVERHANG ON EACH END. ADJUST THE DECK BOARDS SO THE OVERHANG ON EACH END IS EQUAL.

3: SECURE EACH DECK BOARD TO THE BRIDGE MAIN BEAMS WITH FOUR #8 X 2-1/2" WOOD SCREWS.



## STEP 5: DRILL CORNER POST HOLES

- 1: LOCATE FOUR 4 X 4 X 57" BRIDGE CORNER POSTS.
- 2: MEASURE AS SHOWN BELOW AND MAKE MARKS.
- 3: DRILL A 1/4" HOLE X 2-1/2" DEEP IN EACH POST.
- 4: DRILL TWO LEFT AND TWO RIGHT POSTS. USE A PENCIL TO WRITE AN "L" ON TOP OF THE LEFT POSTS AND AN "R" ON TOP OF THE RIGHT POSTS.



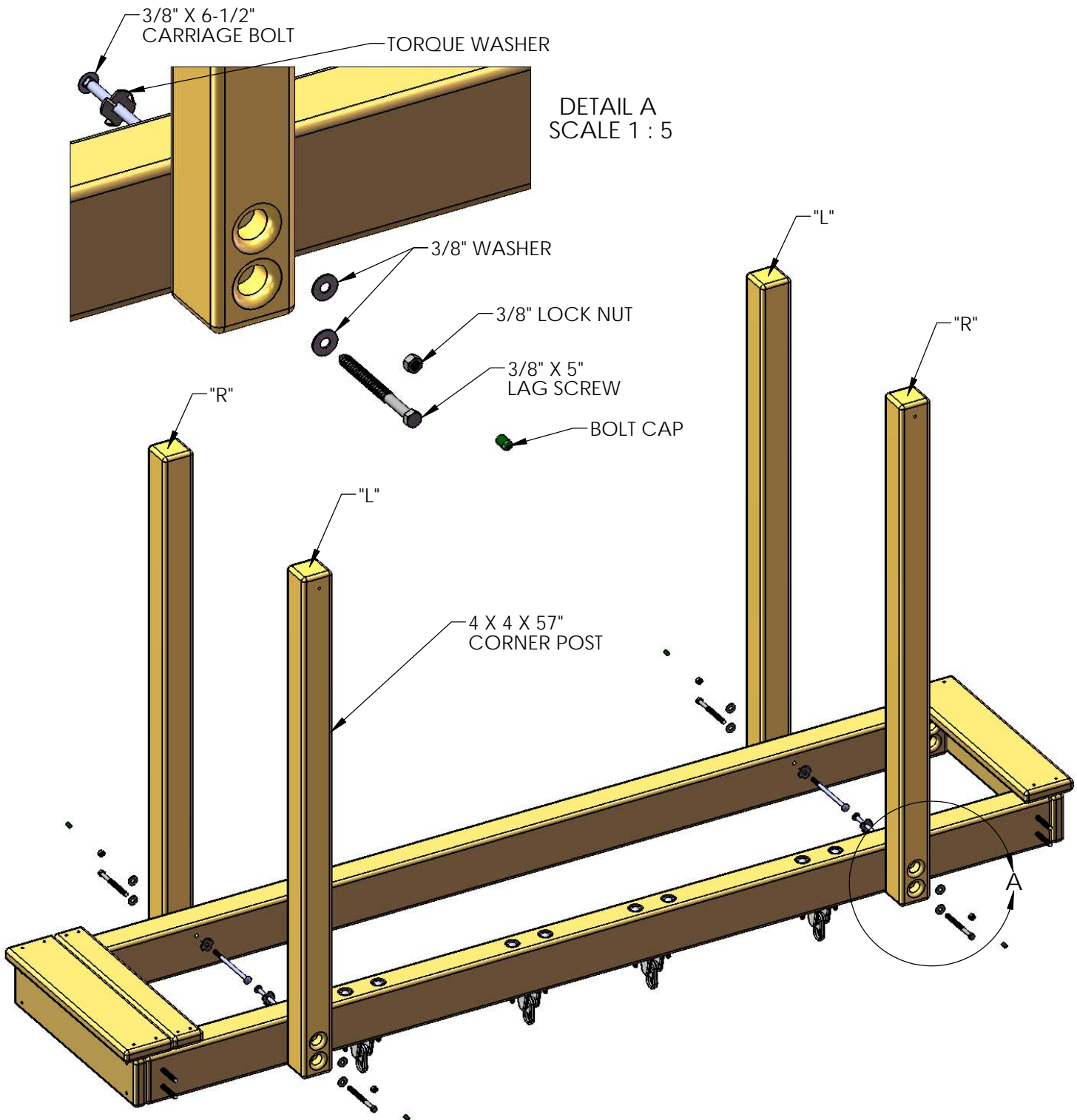


## STEP 6: INSTALL CORNER POSTS

1: PLACE THE CORNER POSTS IN THE POSITIONS SHOWN BELOW.

2: ATTACH THE TOP HOLE IN EACH CORNER POST TO THE MAIN BEAMS WITH A 3/8" X 6-1/2" CARRIAGE BOLT AND A 3/8" WASHER ON THE INSIDE. ON THE OUTSIDE USE A 3/8" WASHER AND A 3/8" LOCK NUT IN THE COUNTERBORED TOP HOLE IN THE CORNER POST. USE A BOLT CAP TO COVER ANY EXPOSED THREADS.

3: SQUARE EACH CORNER POST TO THE MAIN BEAM IT IS FASTENED ONTO. WITH THE CORNER POST SQUARE PLACE A 3/8" X 5" LAG SCREW WITH 3/8" WASHER IN THE BOTTOM HOLE IN THE CORNER POST AND DRIVE IT IN.



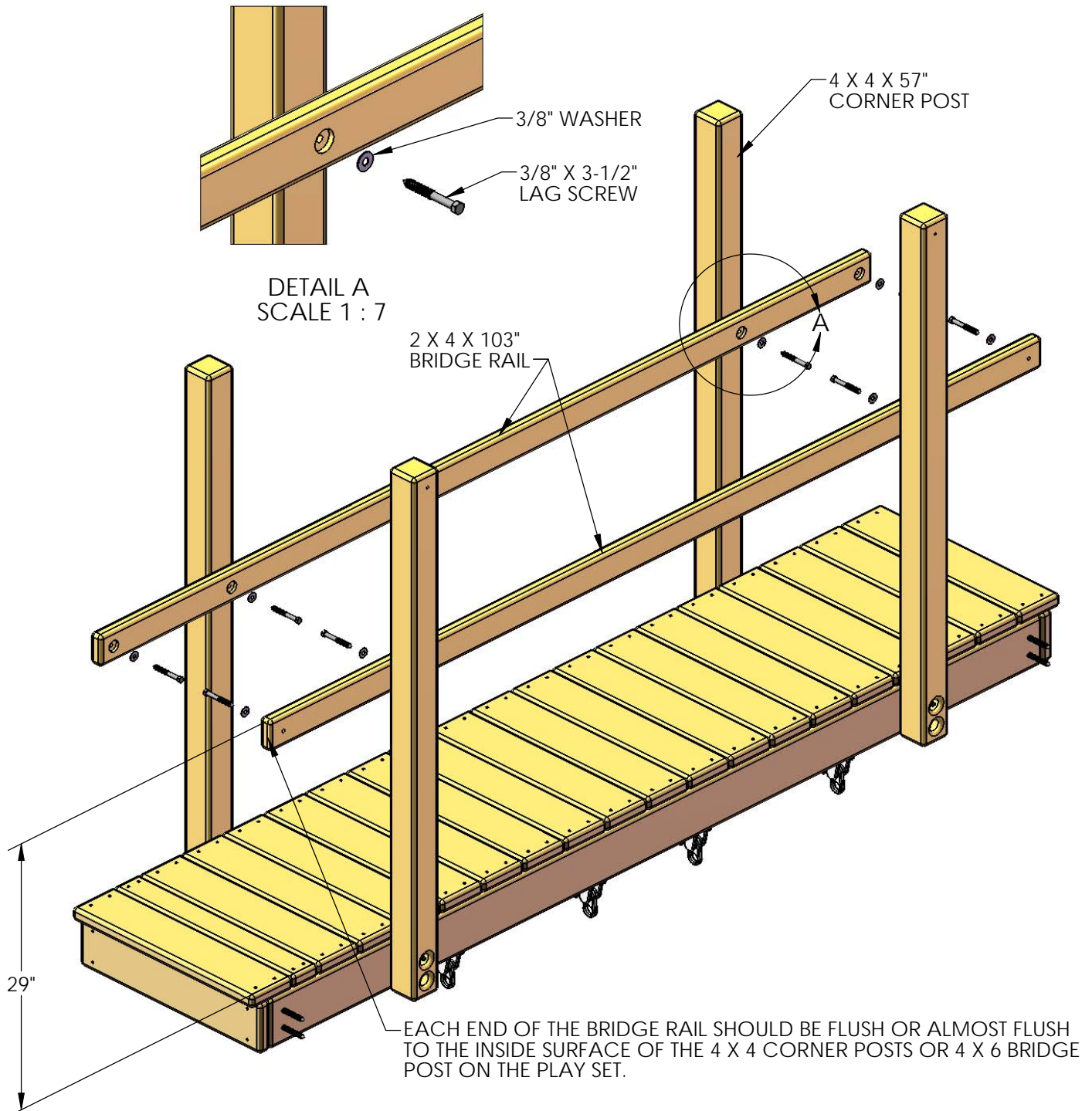
## STEP 7: INSTALL BRIDGE RAILINGS

**TIP:** BEFORE DOING THIS STEP LOCATE THE BRIDGE ROOF SECTIONS WHICH ARE PREASSEMBLED. STOW THE ROOF SECTIONS ON THE REAR DECK OF UNIT C.

1: LOCATE TWO 2 X 4 X 103" BRIDGE RAILS.

2: PLACE THE TOP SURFACE OF EACH BRIDGE RAIL 29" OFF THE TOP OF THE DECK BOARDS. EACH END OF THE BRIDGE RAIL SHOULD BE FLUSH OR ALMOST FLUSH TO THE PLAY SET CORNER POST INSIDE SURFACE.

3: ATTACH EACH BRIDGE RAIL TO THE 4 X 4 X 57" CORNER POSTS AND THE PLAY SET CORNER POSTS WITH FOUR 3/8" X 3-1/2" LAG SCREWS AND FOUR 3/8" WASHERS.



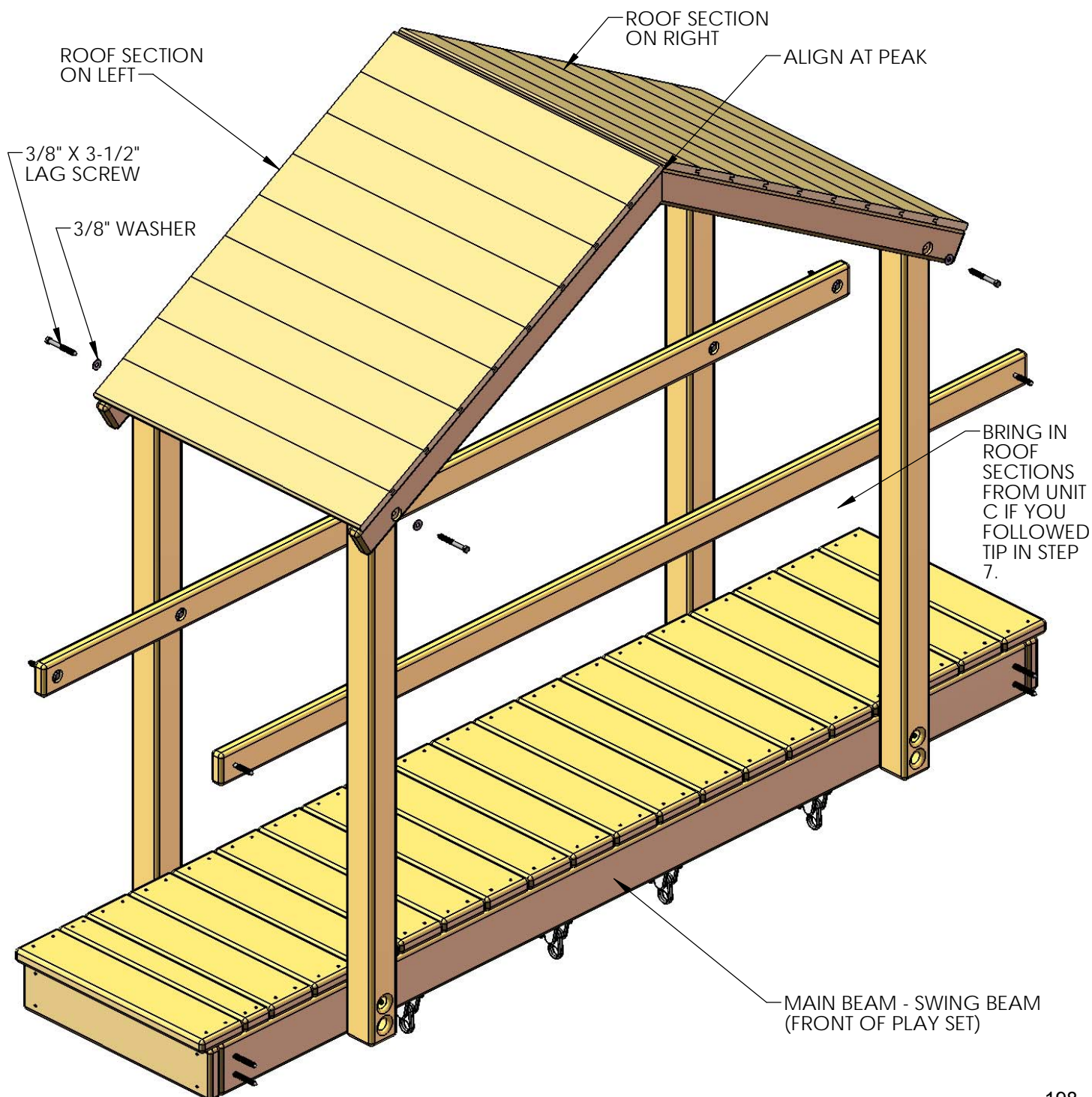
## STEP 8: ROOF SECTIONS

1: LOCATE TWO BRIDGE ROOF SECTIONS. (IF YOU FOLLOWED THE TIP IN STEP 7 THEN THEY SHOULD BE ON THE REAR DECK OF UNIT C.)

2: PLACE THE ROOF SECTION ON THE LEFT OVER THE CORNER POSTS AND LINE UP THE HOLES. ATTACH THE ROOF SECTION TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS. LEAVE THE LAG SCREWS SLIGHTLY LOOSE.

3: PLACE THE ROOF SECTION ON THE RIGHT OVER THE CORNER POSTS AND LINE UP THE HOLES. ATTACH THE ROOF SECTION TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS. LEAVE THE LAG SCREWS SLIGHTLY LOOSE.

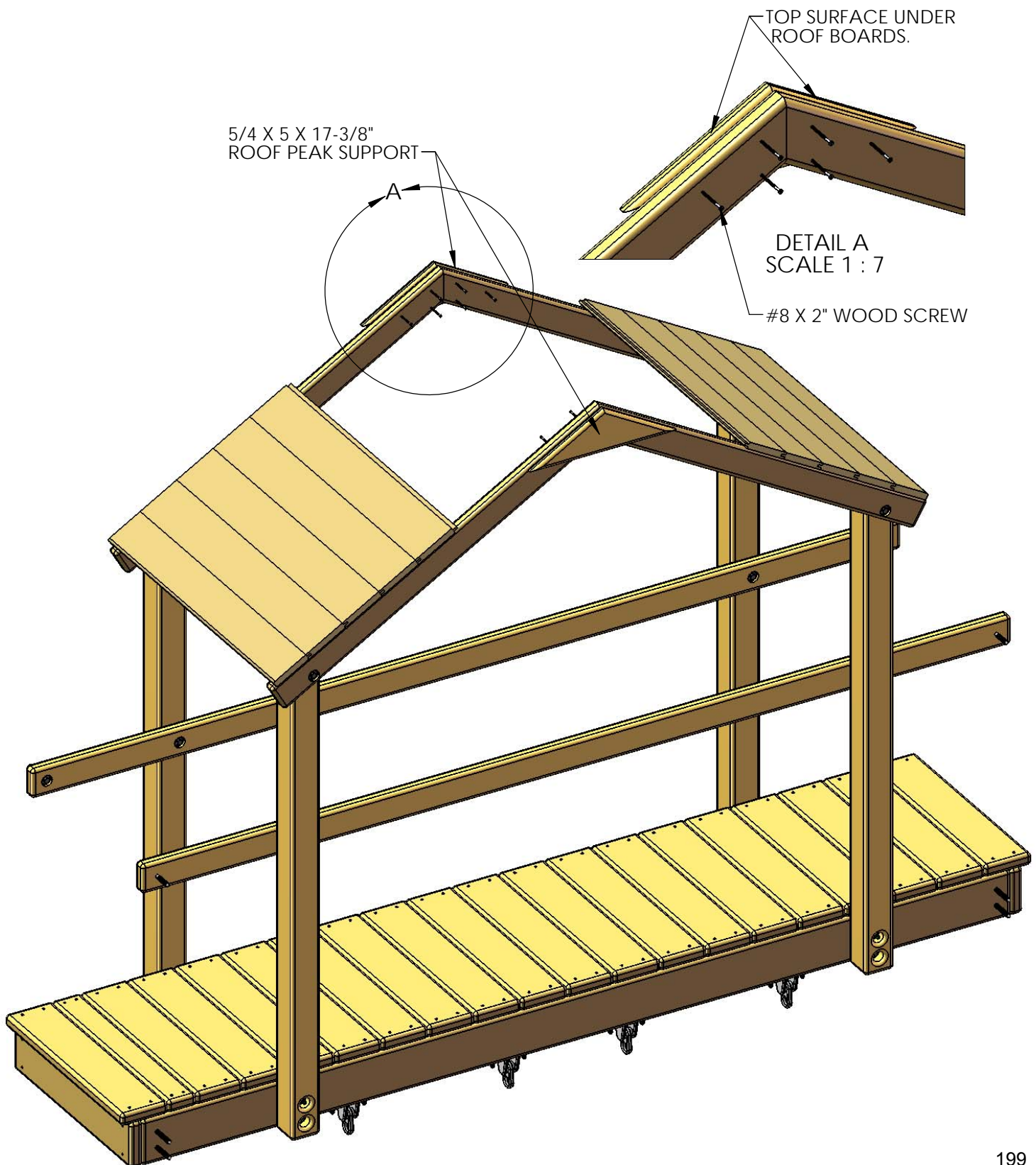
4: ALIGN THE ROOF SECTIONS AT THE PEAK AND TIGHTEN THE LAG SCREWS.





## STEP 9: ROOF PEAK SUPPORT

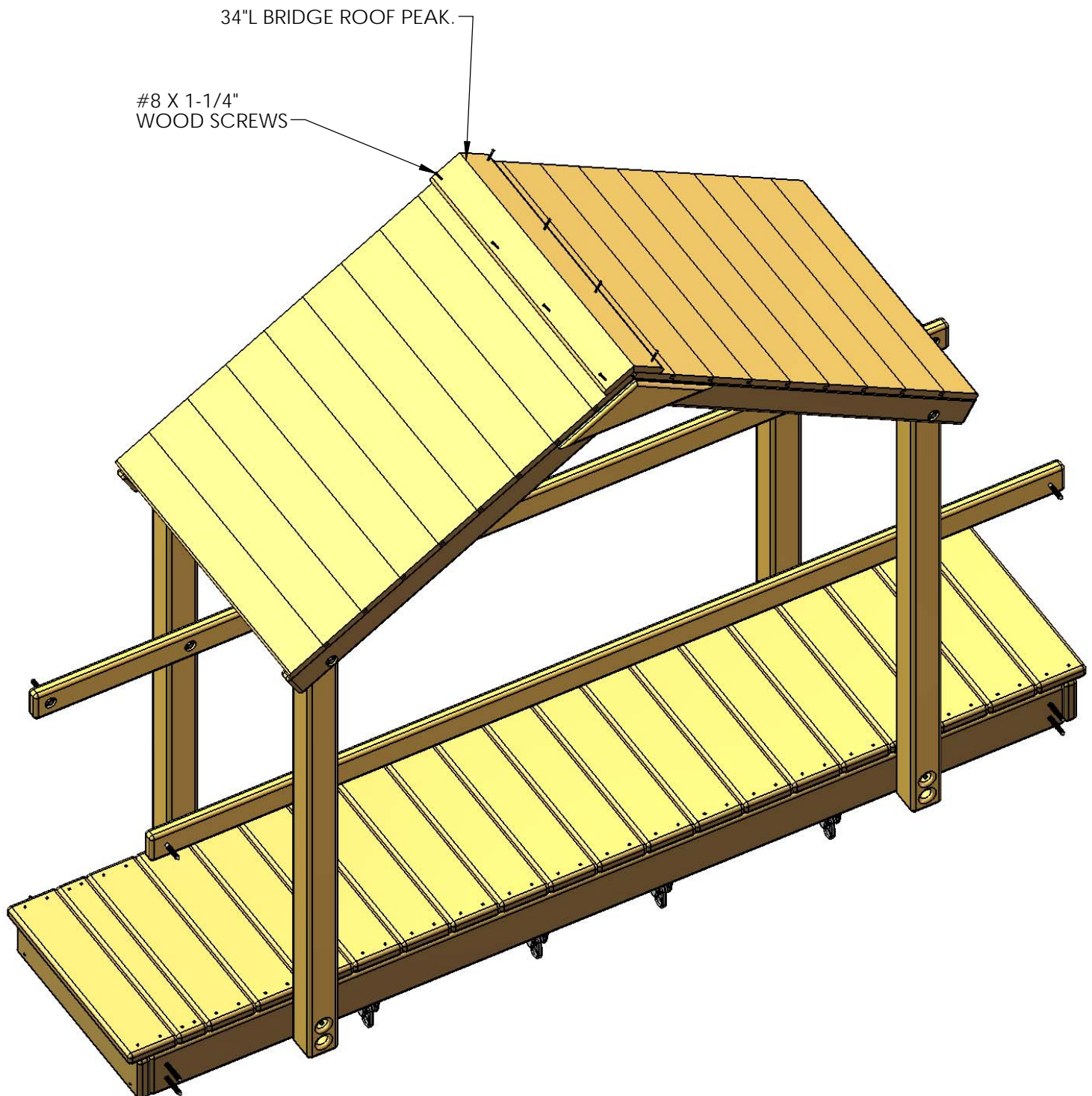
- 1: LOCATE TWO 5/4 X 5 X 17-3/8" ROOF PEAK SUPPORTS.
- 2: PLACE EACH ROOF PEAK SUPPORT ON THE OUTSIDE OF THE ROOF SUPPORTS UNDER THE ROOF BOARDS.
- 3: ATTACH EACH ROOF PEAK SUPPORT THE ROOF SUPPORTS WITH SIX #8 X 2" WOOD SCREWS.





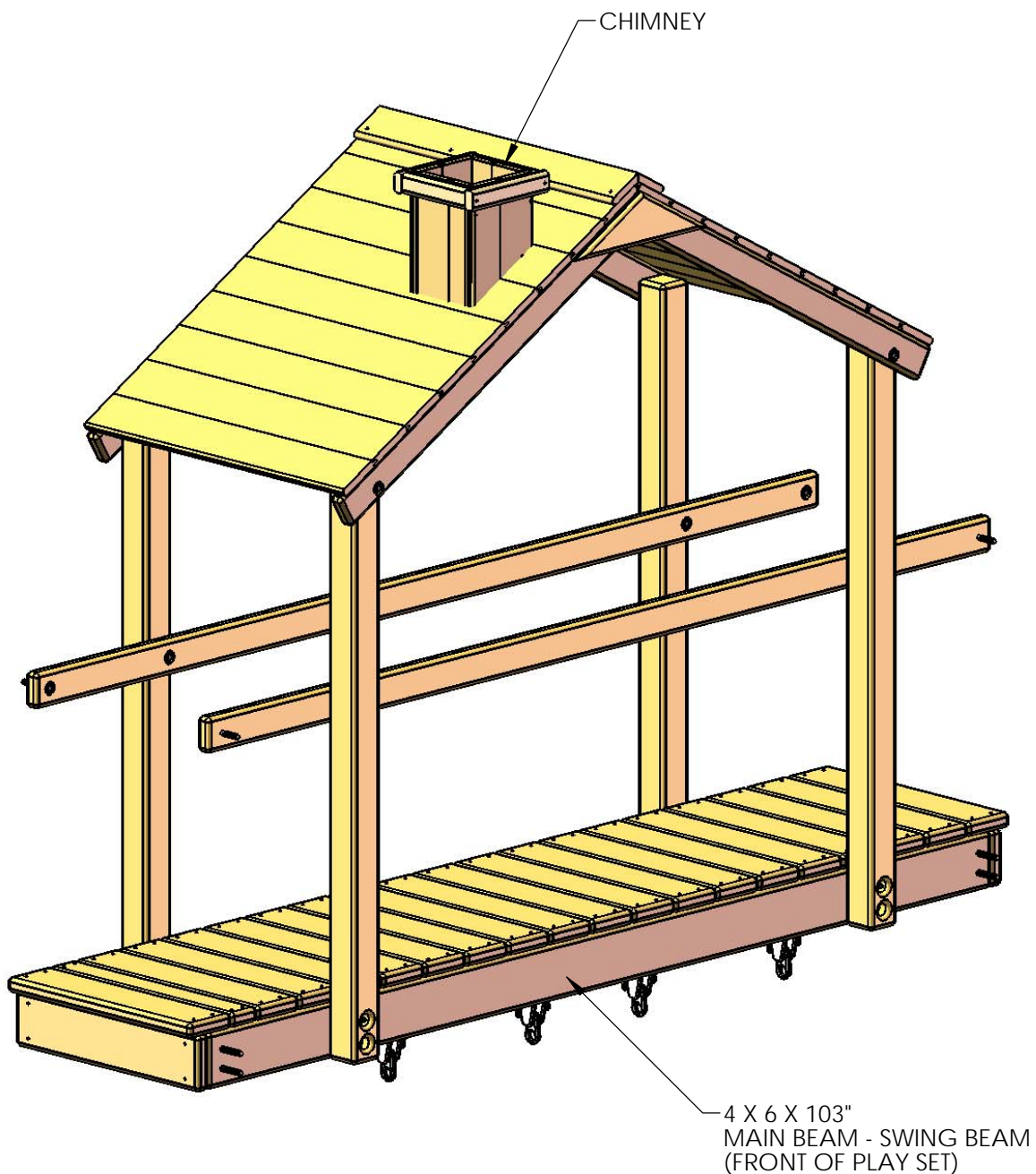
## STEP 10: BRIDGE ROOF PEAK

- 1: LOCATE THE 34"L BRIDGE ROOF PEAK.
- 2: PLACE THE ROOF PEAK AS SHOWN BELOW FLUSH WITH THE ENDS OF THE ROOF BOARDS.
- 3: ATTACH THE ROOF PEAK TO THE ROOF BOARDS WITH #8" X 1-1/4" WOOD SCREWS.



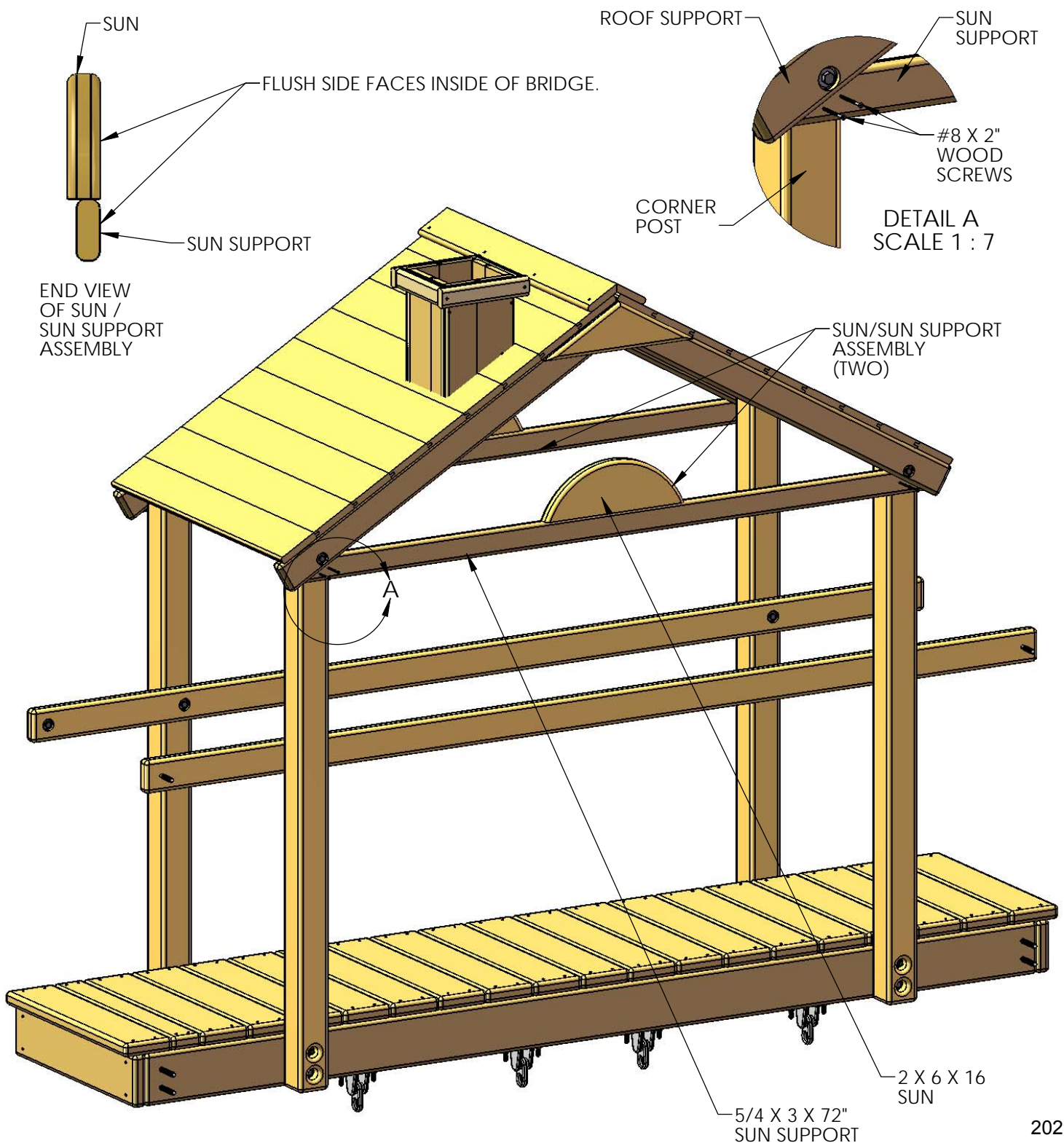
## STEP 11: CHIMNEY

- 1: LOCATE THE CHIMNEY FOR THE BRIDGE.
- 2: ASSEMBLE THE CHIMNEY AS DESCRIBED IN THE INSTRUCTIONS THAT ARE INCLUDED.
- 3: POSITION THE CHIMNEY AS SHOWN BELOW AND ATTACH THE CHIMNEY BLOCK AS DESCRIBED IN THE INSTRUCTIONS.
- 4: ATTACH THE CHIMNEY TO THE CHIMNEY BLOCK AS DESCRIBED IN THE INSTRUCTIONS.



## STEP 12: SUN/SUN SUPPORT ASSEMBLIES

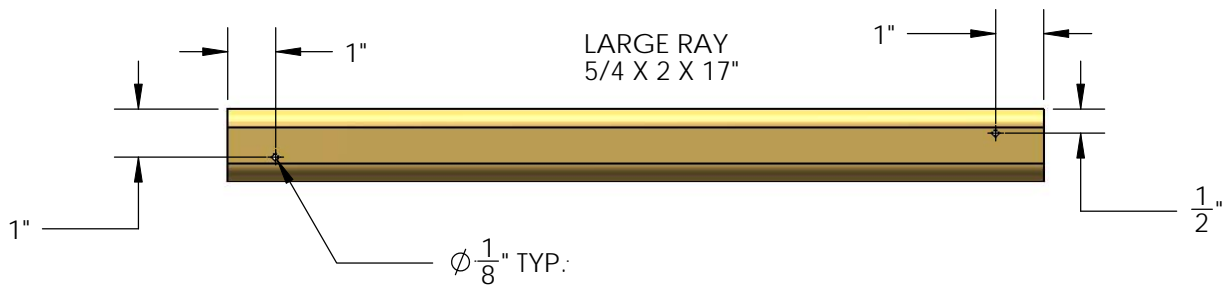
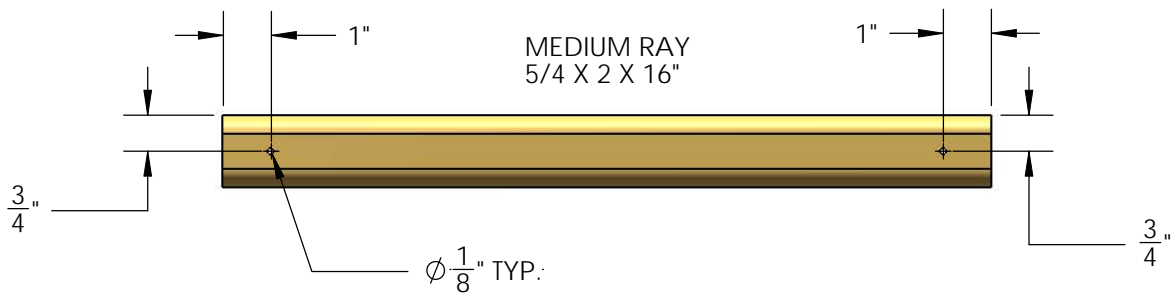
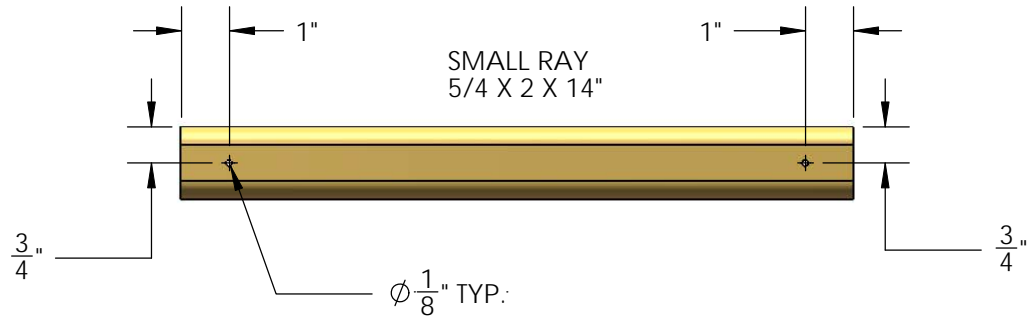
- 1: LOCATE TWO SUN/SUN SUPPORT ASSEMBLIES.
- 2: THE "FLUSH" SIDE OF THE ASSEMBLY SHOULD FACE THE INSIDE OF THE BRIDGE. THE FLUSH SIDE OF THE SUN SUPPORT CONTACTS THE CORNER POSTS.
- 3: POSITION THE ANGLED ENDS OF THE SUN SUPPORT UNDER THE ROOF SUPPORTS AND FLUSH TO THE OUTSIDE OF THE CORNER POSTS.
- 4: FASTEN EACH SUN/SUN SUPPORT TO THE CORNER POSTS WITH #8 X 2" WOOD SCREWS.



## STEP 13: PREDRILL RAYS

1: LOCATE FOUR 5/4 X 2 X 14" SMALL RAYS, FOUR 5/4 X 2 X 16" MEDIUM RAYS AND TWO 5/4 X 2 X 17" LARGE RAYS.

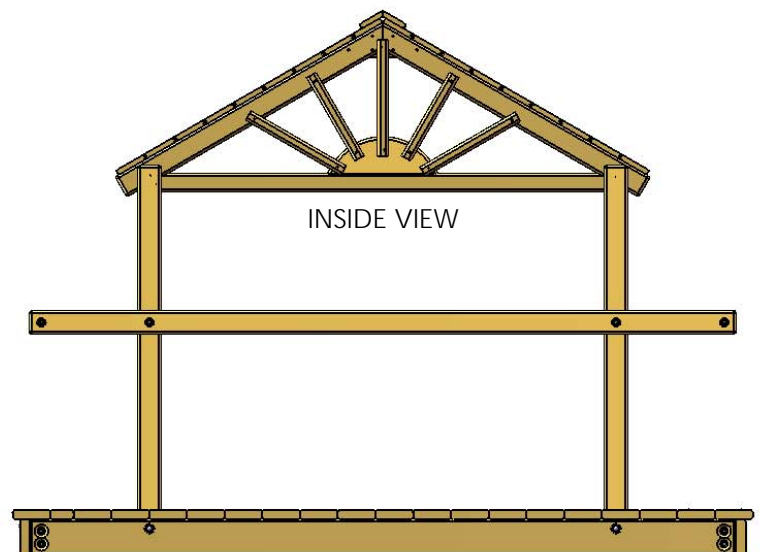
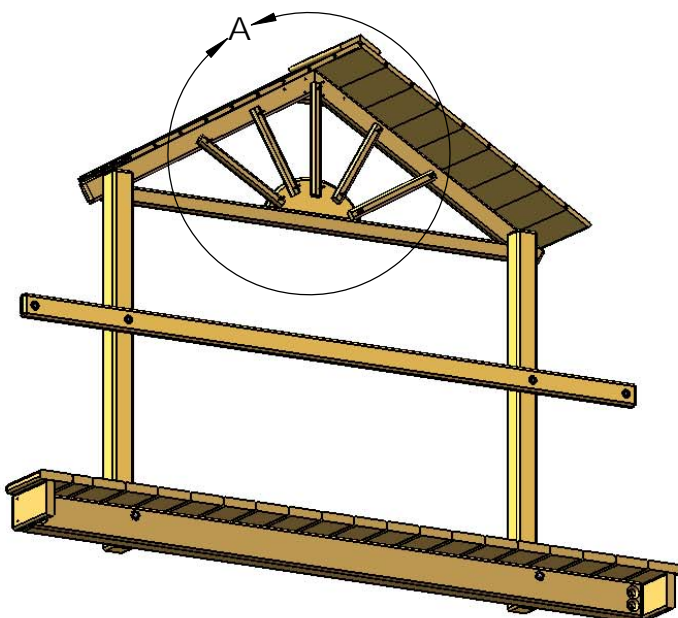
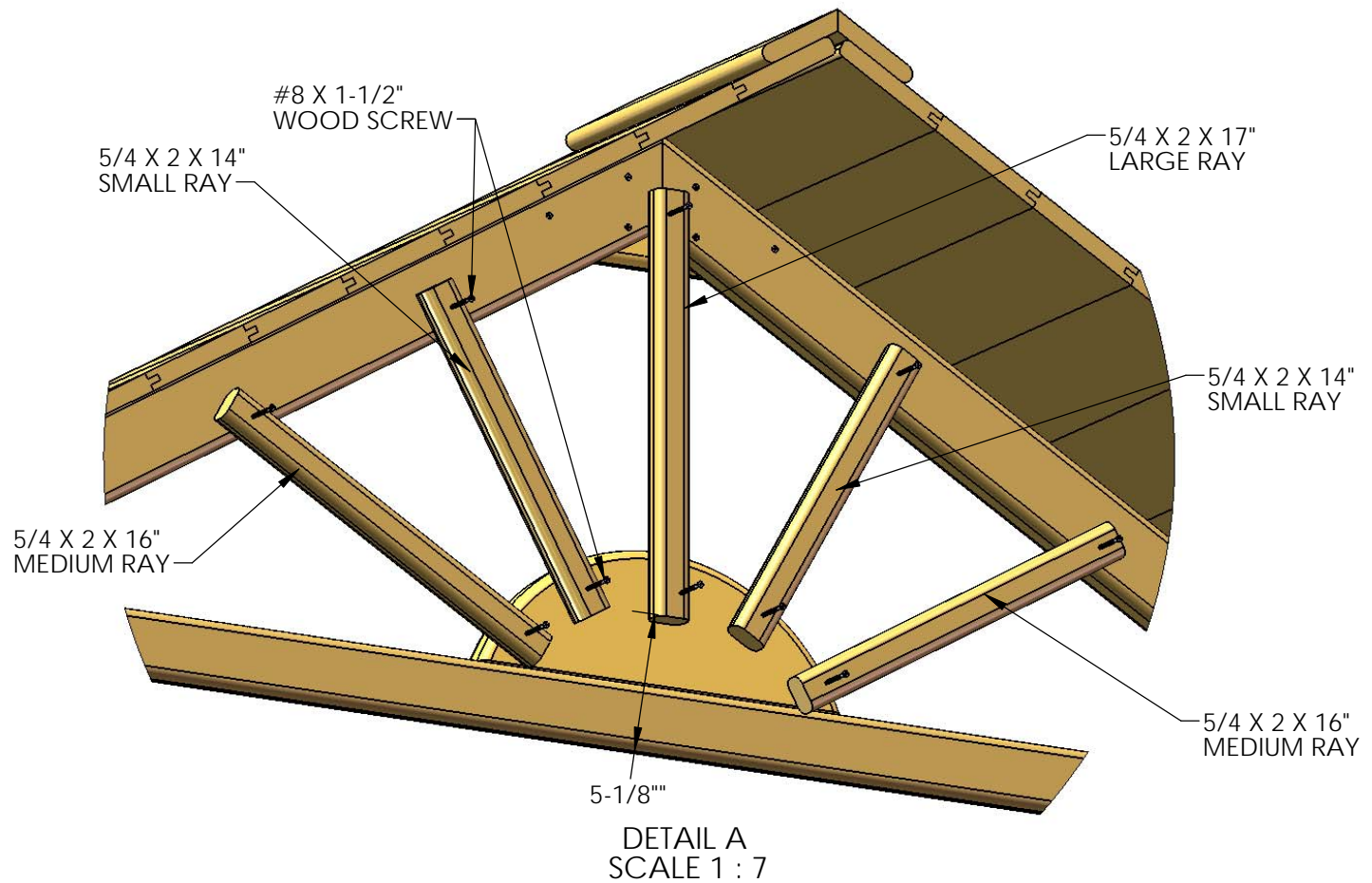
2: USE A 1/8" DRILL BIT TO DRILL TWO HOLES IN EACH RAY AS SHOWN BELOW.





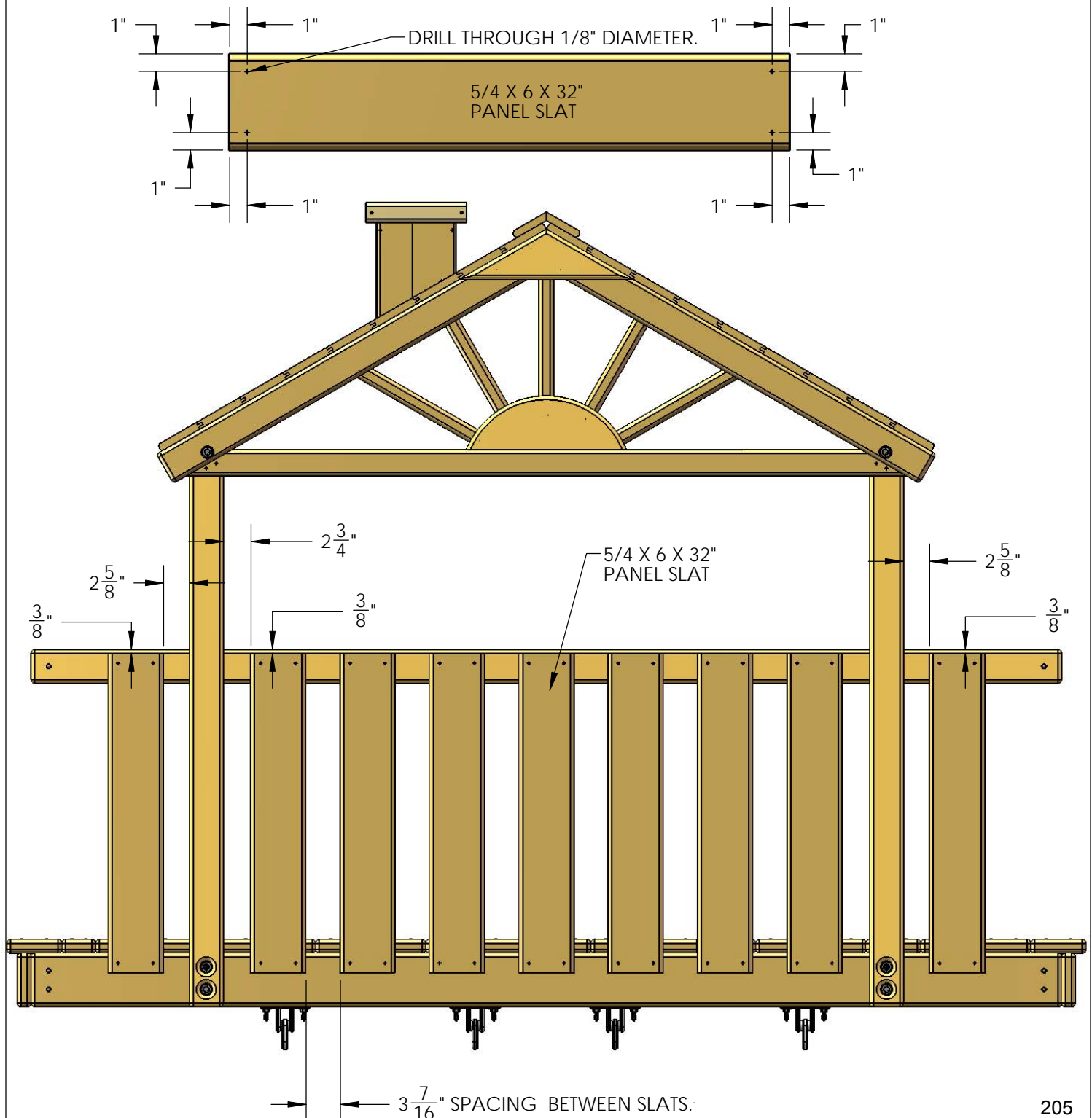
## STEP 14: INSTALL SUN RAYS

- 1: PLACE THE SUN RAYS ARRANGED AS SHOWN BELOW.
- 2: ATTACH EACH SUN RAY TO THE SUN AND THE ROOF SUPPORT WITH TWO #8 X 1-1/2" WOOD SCREWS.
- 3: ATTACH THE REMAINING SUN RAYS ON THE OTHER SIDE OF THE BRIDGE.



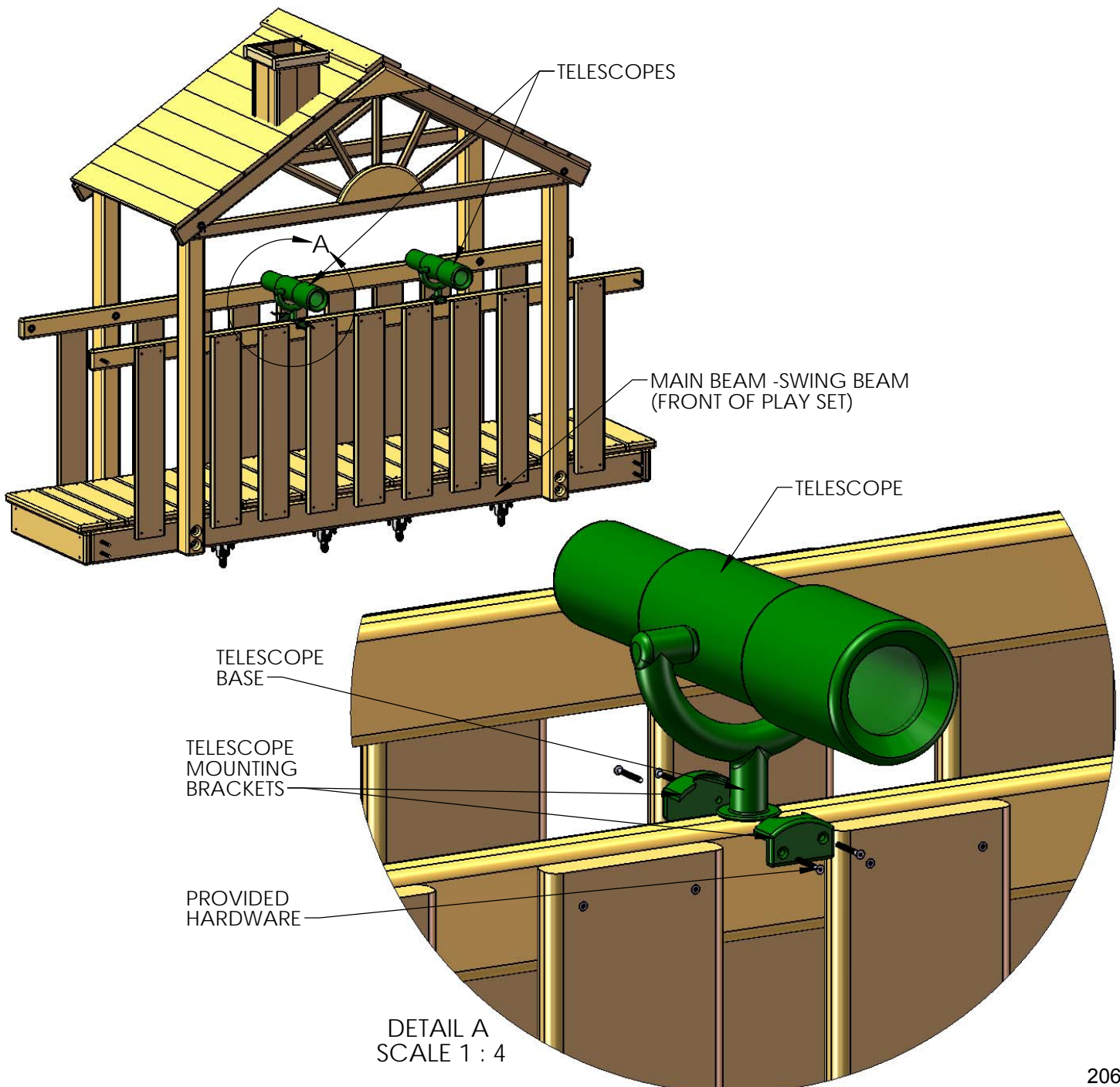
## STEP 15: PANEL SLATS

- 1: LOCATE EIGHTEEN 5/4 X 6 X 32" PANEL SLATS.
- 2: DRILL 1/8" DIAMETER HOLES IN EACH PANEL SLAT AS SHOWN BELOW.
- 3: USE THE DIMENSIONS SHOWN BELOW TO ATTACH EACH PANEL SLAT WITH #8 X 2" WOOD SCREWS.
- 4: ATTACH NINE PANEL SLATS ON EACH SIDE.



## STEP 16: TELESCOPES

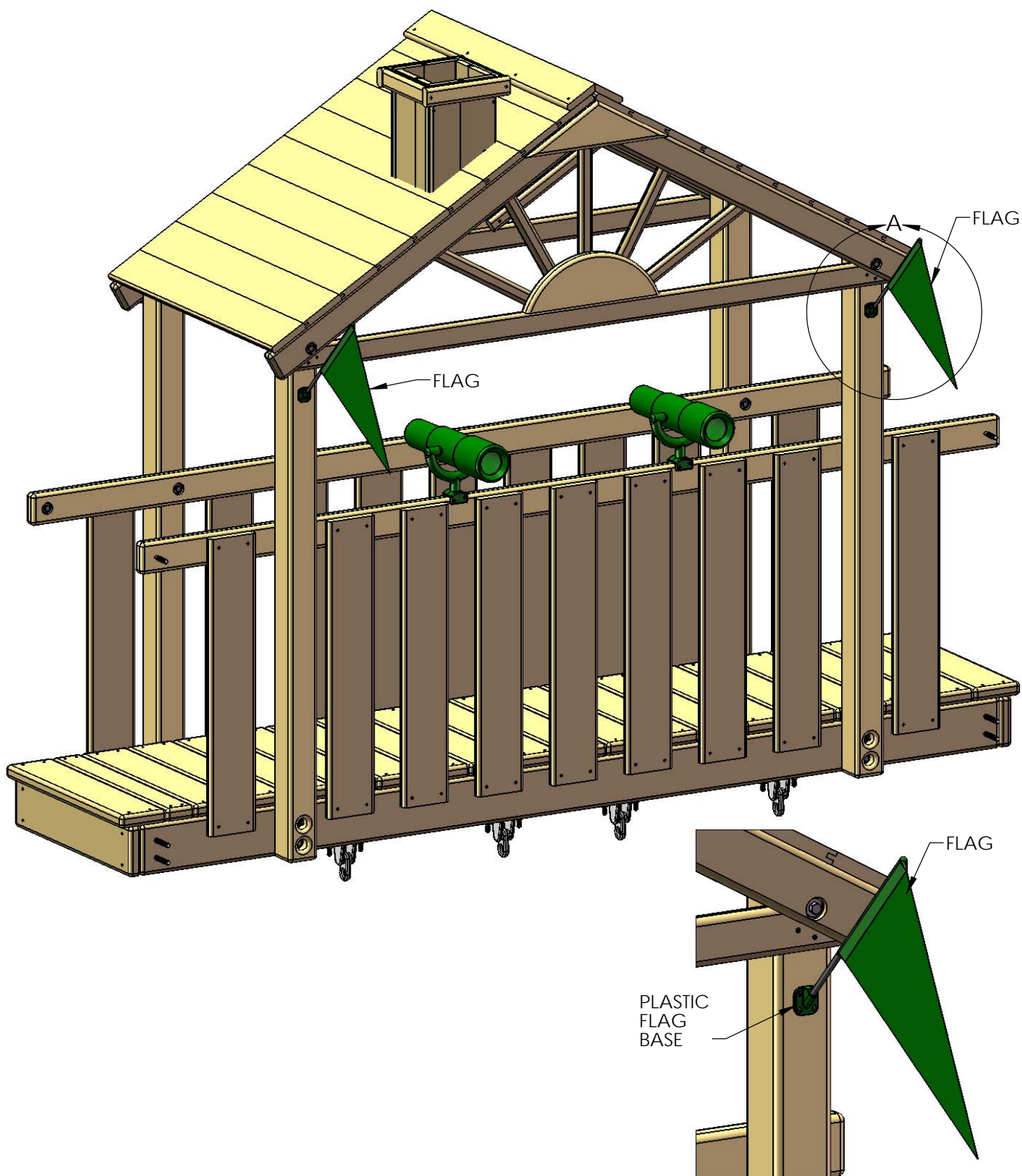
- 1: PLACE ONE OF THE L-SHAPED TELESCOPE MOUNTING BRACKETS ON TOP OF THE 2 X 4 X 103" BRIDGE RAIL BETWEEN THE SLATS.
- 2: ATTACH THE L-SHAPED BRACKET WITH TWO SCREWS PROVIDED WITH THE TELESCOPE.
- 3: PLACE THE BASE OF THE TELESCOPE INTO THE CUT OUT AREA OF THE L-SHAPED BRACKET.
- 4: ATTACH ANOTHER L-SHAPED TELESCOPE MOUNTING BRACKET DIRECTLY ACROSS FROM THE PREVIOUSLY INSTALLED BRACKET AND SECURE WITH THE PROVIDED HARDWARE.
- 5: ATTACH THE SECOND TELESCOPE FOLLOWING SUBSTEPS 1 THROUGH 4 ABOVE. DISCARD THE REMAINING "C" SHAPED BRACKETS. THEY ARE USED TO MOUNT THE TELESCOPE ON A 4 X 4 PIECE OF LUMBER.





## STEP 17: FLAG KIT

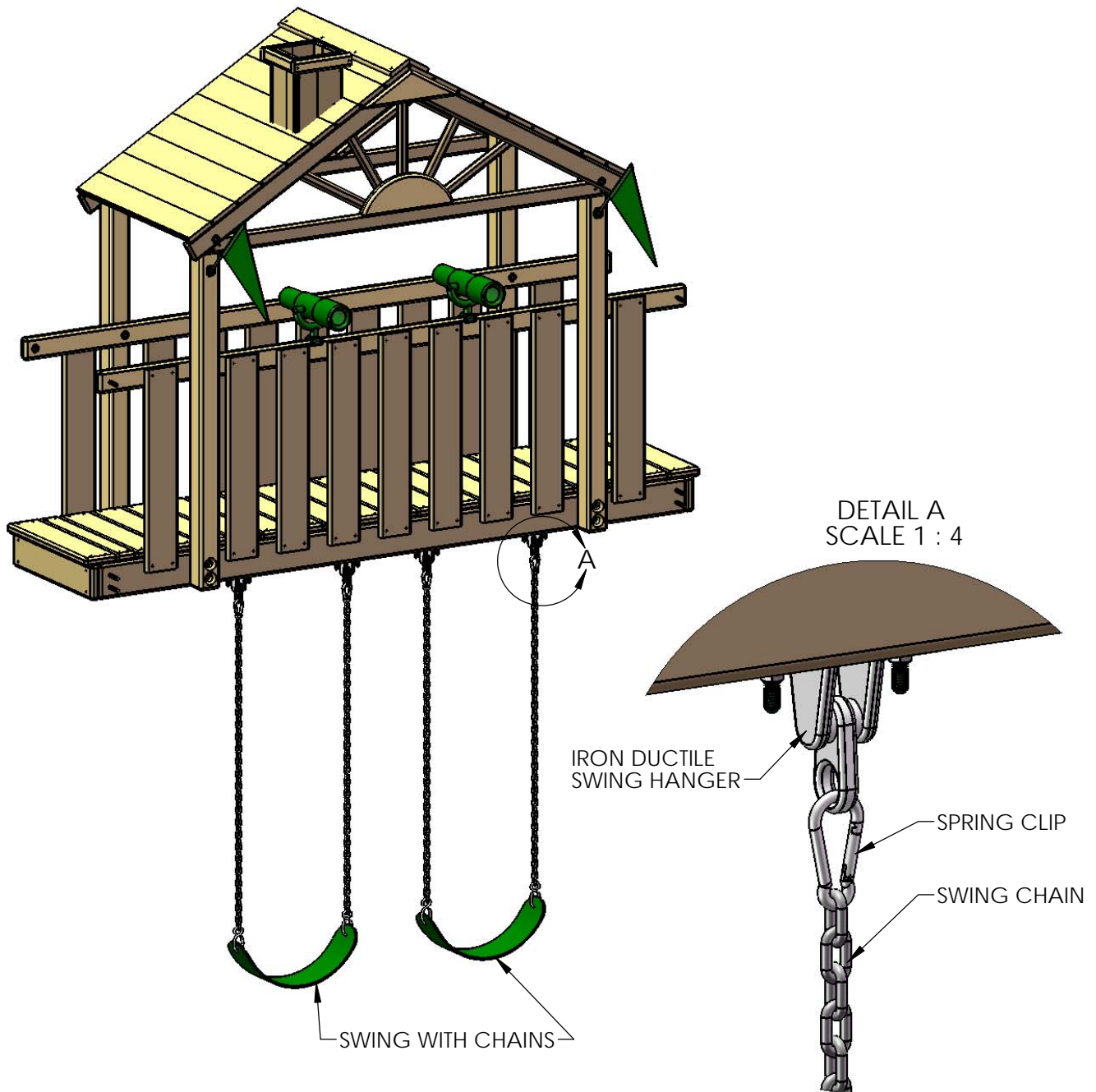
- 1: PLACE THE FLAGS ON THE FRONT OF THE BRIDGE CENTERED ON THE CORNER POSTS.
- 2: ATTACH THE PLASTIC BASE OF EACH FLAG TO THE CORNER POST WITH THE 1/2" PHILLIPS HEAD SCREWS PROVIDED WITH THE FLAGS.





## STEP 18: HANGING SWINGS

- 1: ATTACH A SPRING CLIP TO THE LOOP ON THE IRON DUCTILE SWING HANGERS.
- 2: CLIP EACH SWING CHAIN TO THE SPRING CLIPS.
- 3: ADJUST EACH CHAIN UP OR DOWN BY COUNTING LINKS AND CLIPPING THE LINK ONTO THE SPRING CLIP. EXCESS CHAIN MAY BE CLIPPED ONTO THE SPRING CLIP.



# **UNIT D**

**(CLATTER BRIDGE UNIT extending off the front of UNIT C.)**

#8 X 2"  
WOOD SCREW  
QTY: 100



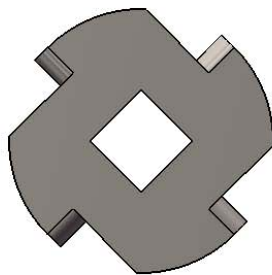
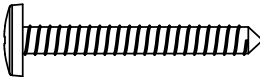
#8 X 1-1/2"  
WOOD SCREW  
QTY: 48



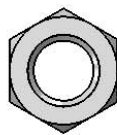
#8 X 1-1/4"  
WOOD SCREW  
QTY: 8



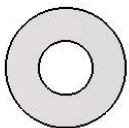
#14 X 1-1/4"  
PAN HEAD  
SCREW  
QTY: 7



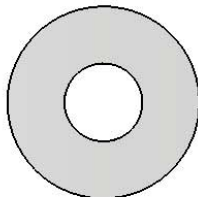
TORQUE WASHER  
QTY: 4



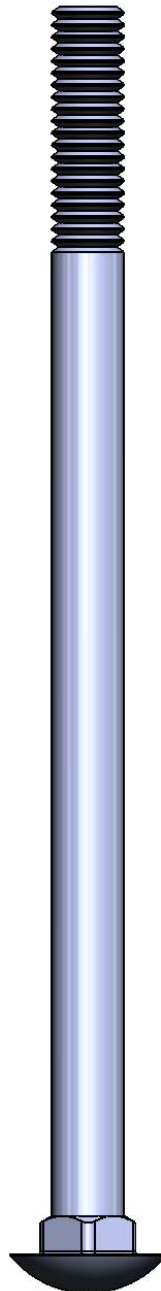
3/8" LOCK NUT  
QTY: 4



1/4" WASHER  
QTY: 4

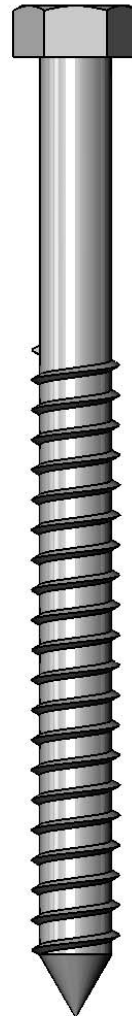


3/8" WASHER  
QTY: 56

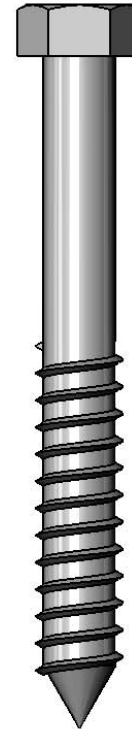


3/8 X 6-1/2"  
CARRIAGE BOLT  
QTY: 4

3/8" X 5"  
HEX LAG SCREW  
QTY: 14



3/8 X 3-1/2"  
HEX LAG SCREW  
QTY: 38



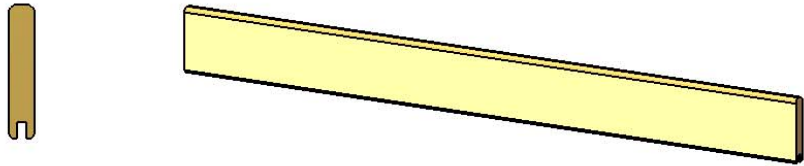
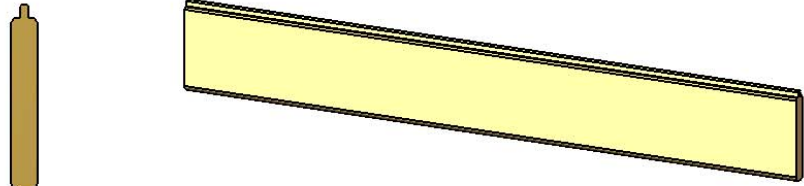
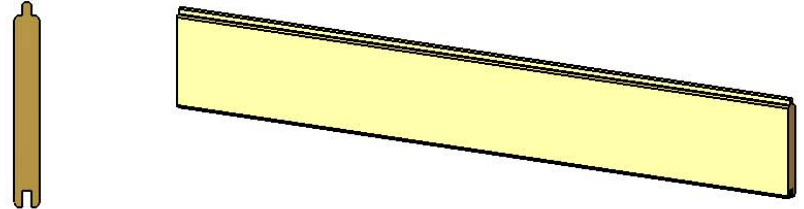
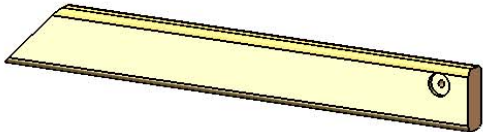
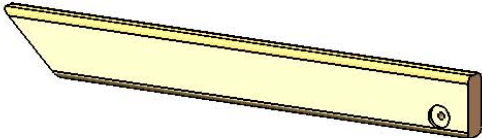
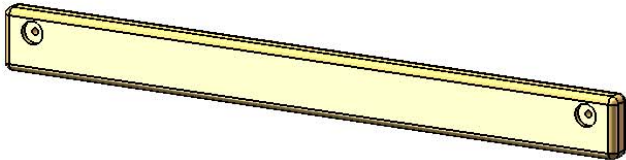
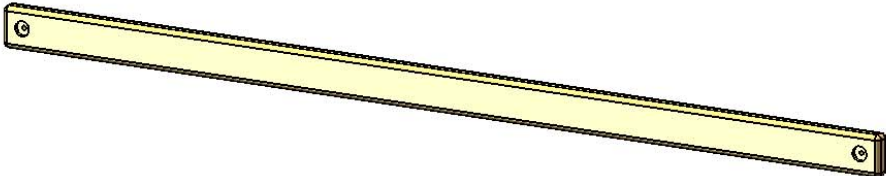
#2  
SQUARE  
DRIVE BIT  
QTY: 1



PLASTIC  
BOLT CAP  
QTY: 4

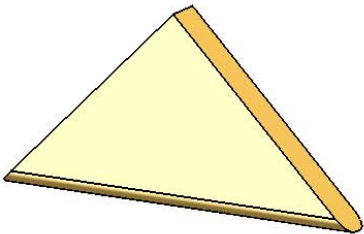
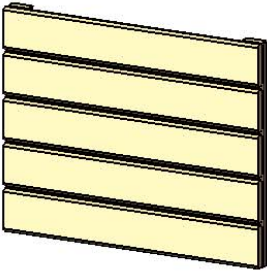
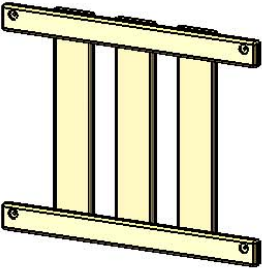
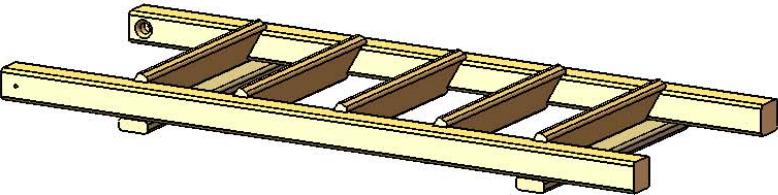
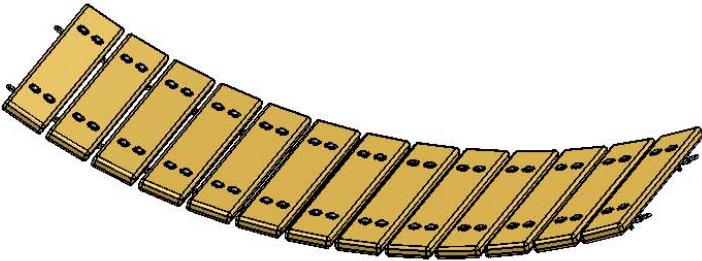
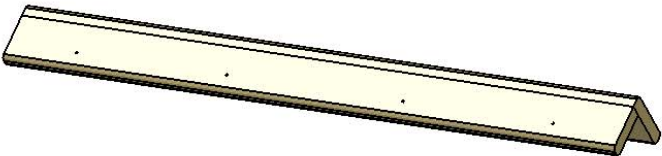
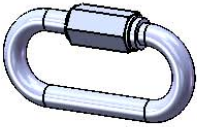
9  
8  
7  
6  
5  
4  
3  
2  
1



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 36-3/4" ROOF STARTER (GROOVE ONLY)	<b>2</b>
	1 X 4-1/2 X 36-3/4" ROOF FINISHER (TONGUE ONLY)	<b>2</b>
	1 X 6 X 36-3/4" ROOF BOARD (TONGUE & GROOVE)	<b>8</b>
	2 X 4 X 28" ROOF SUPPORT- RIGHT	<b>2</b>
	2 X 4 X 28" ROOF SUPPORT- LEFT	<b>2</b>
	2 X 4 X 36-3/4" TOP PANEL BOARD	<b>3</b>
	2 X 4 X 79" BRIDGE RAIL	<b>4</b> 211



PICTURE	DESCRIPTION	QTY.
	2 X 6 X 36-3/4" SANDBOX BOARDS	<b>4</b>
	4 X 4 X 96" CORNER POST	<b>4</b>
	4 X 4 X 36-3/4" BLOCK SUPPORT	<b>2</b>
	4 X 4 X 36-3/4" DECK SUPPORT	<b>2</b>
	4 X 4 X 23-1/4" BLOCK	<b>2</b>
	5/4 X 3-3/8 X 29-3/4" DECK SPACER	<b>2</b>
	5/4 X 6 X 14- 1/2" PANEL SLAT	<b>16</b>

PICTURE	DESCRIPTION	QTY.
	5/4 X 6 X 10-1/2" ROOF PEAK SUPPORT	<b>2</b>
	2-3/8 x 29 x 36-3/4" DECK ASSEMBLY	<b>1</b>
	2-3/8 X 29H X 36-3/4" W SIDE PANEL	<b>1</b>
	4-3/4 X 30 X 76" LADDER	<b>1</b>
	29-3/4" W CLATTERBRIDGE DECK ASSEMBLY	<b>1</b>
	3-1/2 X 3-1/2 X 36-3/4 ROOF PEAK	<b>1</b>
	QUICK LINK FOR CHAINS	<b>2</b>

PICTURE	DESCRIPTION	QTY.
	METAL SAFETY HANDLE	2
	WAVE SCOOP SLIDE	1

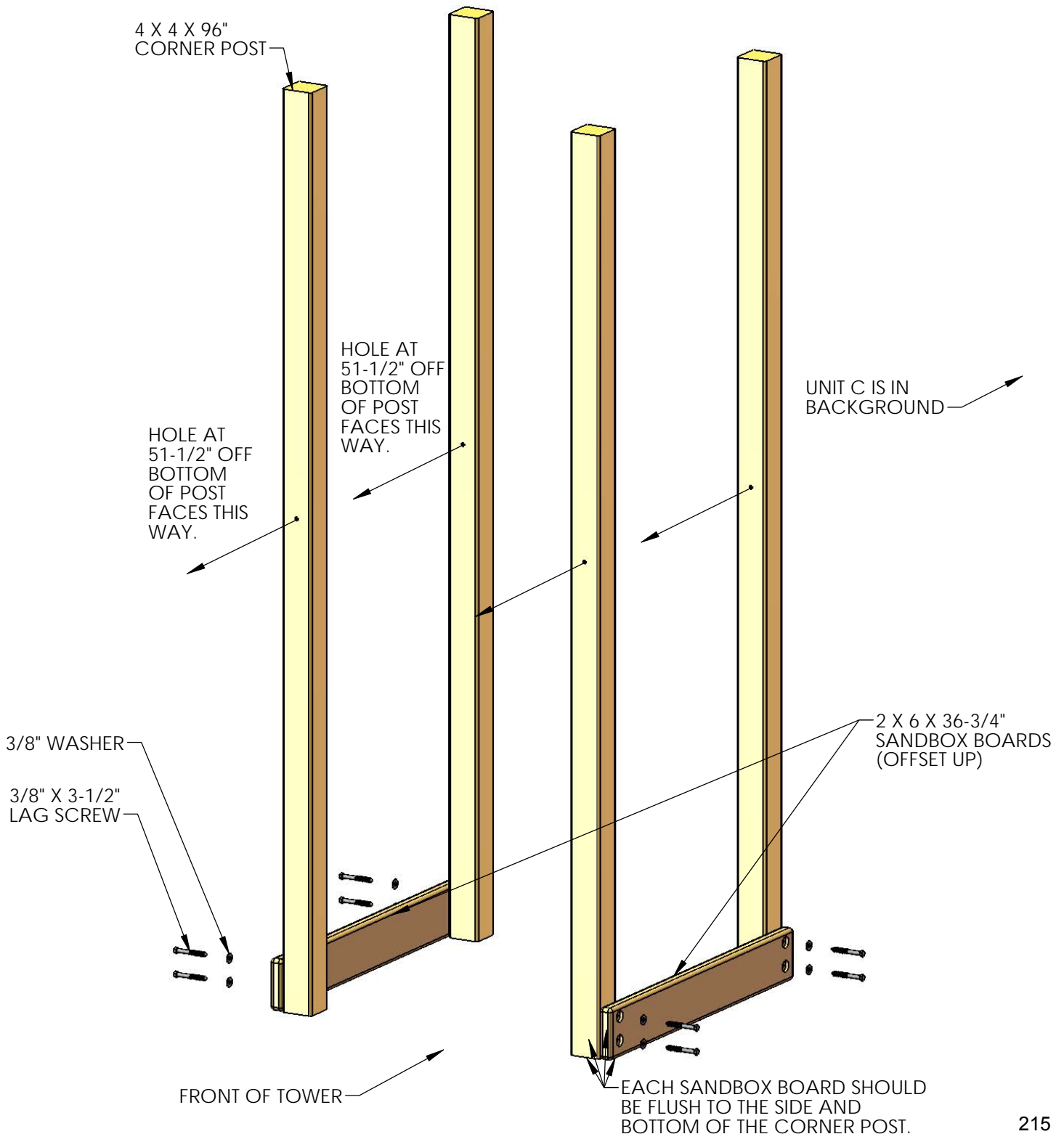
# STEP 1: CORNER POSTS AND SANDBOX BOARDS

1: LOCATE FOUR 4 X 4 X 96" CORNER POSTS AND TWO 2 X 6 X 36-3/4" SANDBOX BOARDS.

2: USE A CARPENTERS FRAMING SQUARE TO MAKE SURE THE SANDBOX BOARDS ARE SQUARE TO THE CORNER POSTS BEFORE ATTACHING THE SANDBOX BOARDS. EACH SANDBOX BOARD SHOULD BE FLUSH TO THE SIDE AND BOTTOM OF THE CORNER POST.

3: ATTACH EACH SANDBOX BOARD (OFFSET UP) TO THE BOTTOM OF THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

NOTE: UNIT C IS THE PLAY SET YOU JUST COMPLETED. WHEN STANDING IN FRONT OF THE TOWER AS INDICATED BELOW YOU SHOULD SEE THE FRONT OF UNIT C IN FRONT OF YOU.



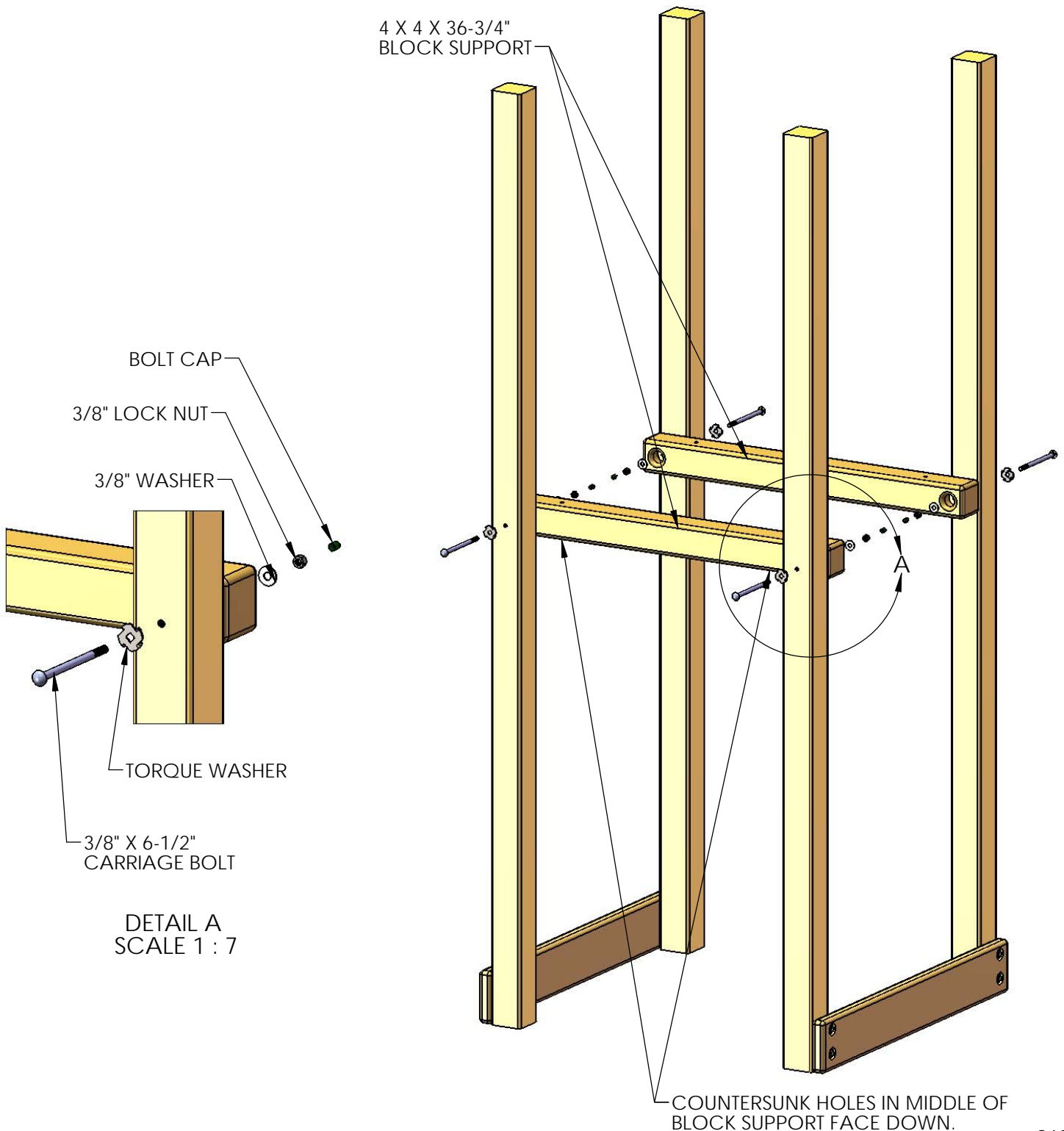


## STEP 2: BLOCK SUPPORTS

1: LOCATE TWO 4 X 4 X 36-3/4" BLOCK SUPPORTS.

2: LINE UP THE END HOLES IN EACH BLOCK SUPPORT WITH THE HOLES IN THE CORNER POSTS. THE TWO COUNTERSUNK HOLES IN THE MIDDLE OF THE BLOCK SUPPORT SHOULD FACE DOWN.

3: ATTACH EACH BLOCK SUPPORT TO THE CORNER POSTS WITH 3/8" X 6-1/2" CARRIAGE BOLTS WITH TORQUE WASHERS ON THE OUTSIDE AND 3/8" WASHERS WITH 3/8" LOCK NUTS ON THE INSIDE. COVER ANY EXPOSED THREADS WITH BOLT CAPS.

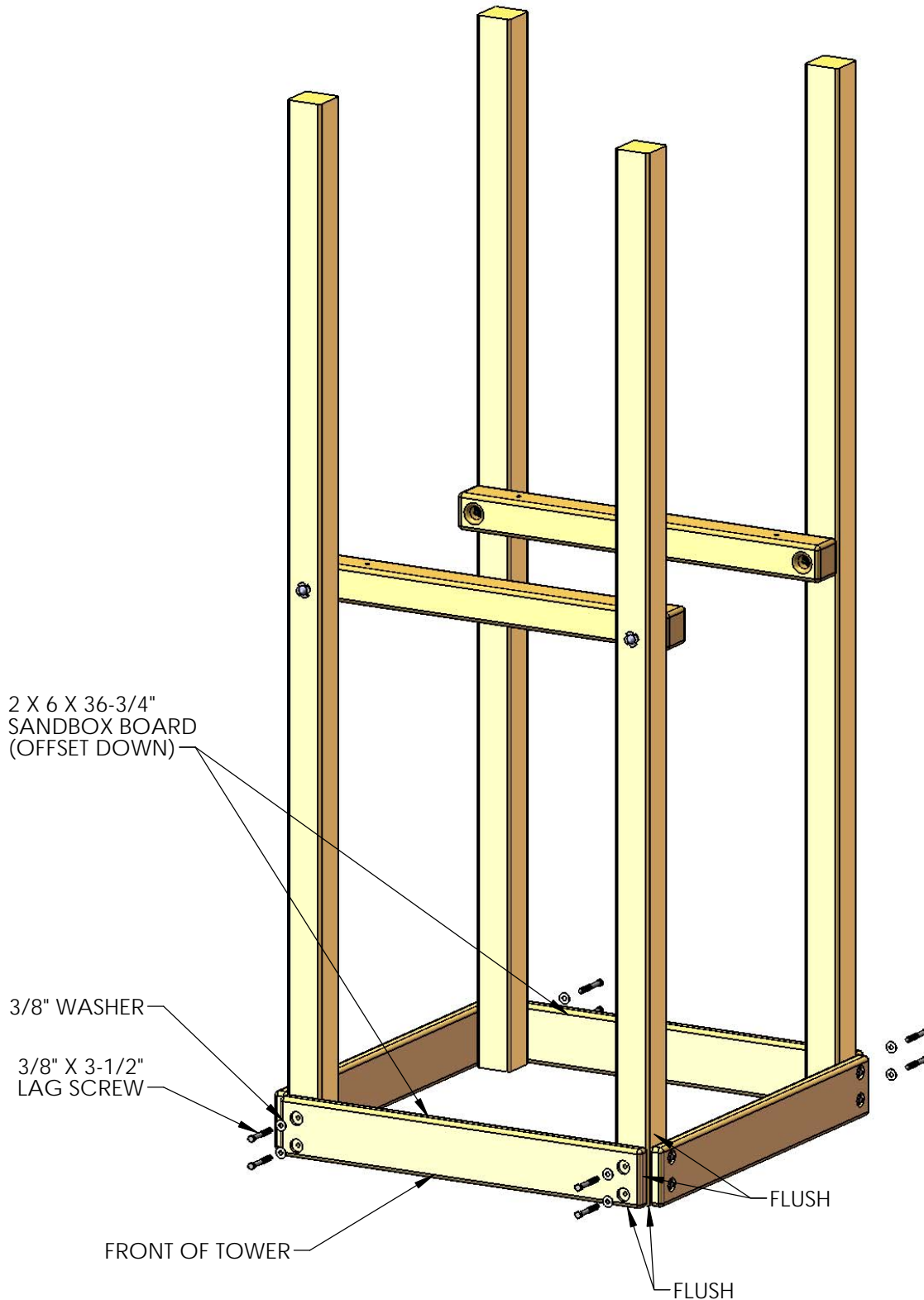


## STEP 3: SANDBOX BOARDS

1: LOCATE TWO 2 X 6 X 36-3/4" SANDBOX BOARDS.

2: USE A CARPENTERS FRAMING SQUARE TO MAKE SURE THE SANDBOX BOARDS ARE SQUARE TO THE CORNER POSTS BEFORE ATTACHING THE SANDBOX BOARDS. EACH SANDBOX BOARD SHOULD BE FLUSH TO THE SIDE AND BOTTOM OF THE CORNER POST.

3: ATTACH EACH SANDBOX BOARD (OFFSET DOWN) TO THE BOTTOM OF THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



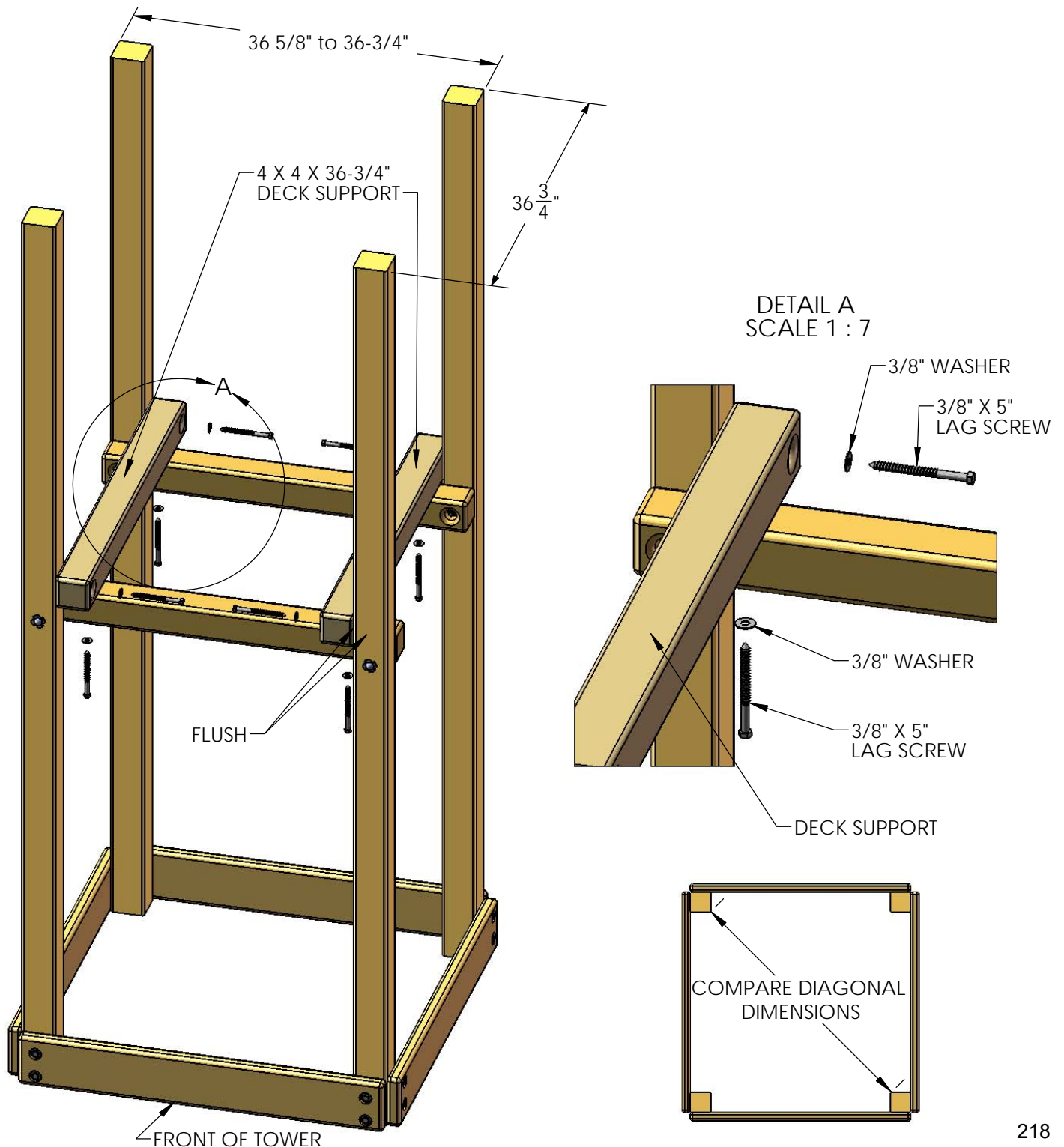
## STEP 4: DECK SUPPORTS

1: LEVEL THE FOUR 2 X 6 SANDBOX BOARDS AT THE BASE OF THE TOWER. MAKE SURE THE CORNER POSTS ARE SQUARE TO EACH OTHER BY MEASURING DIAGONALLY INSIDE THE BASE BETWEEN THE CORNER POSTS. IF THE DIAGONAL DIMENSIONS ARE THE SAME THEN THE POSTS ARE SQUARE. LOCATE TWO 4 X 4 X 36-3/4" DECK SUPPORTS.

2: PLACE THE DECK SUPPORTS ON TOP OF THE BLOCK SUPPORTS. THE ENDS OF THE DECK SUPPORT SHOULD BE FLUSH TO THE SIDE OF THE CORNER POSTS.

3: USE A CARPENTERS FRAMING SQUARE TO MAKE SURE THE DECK SUPPORTS ARE SQUARE TO THE CORNER POSTS.

4: ATTACH EACH DECK SUPPORT TO THE CORNER POSTS AND BLOCK SUPPORTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.

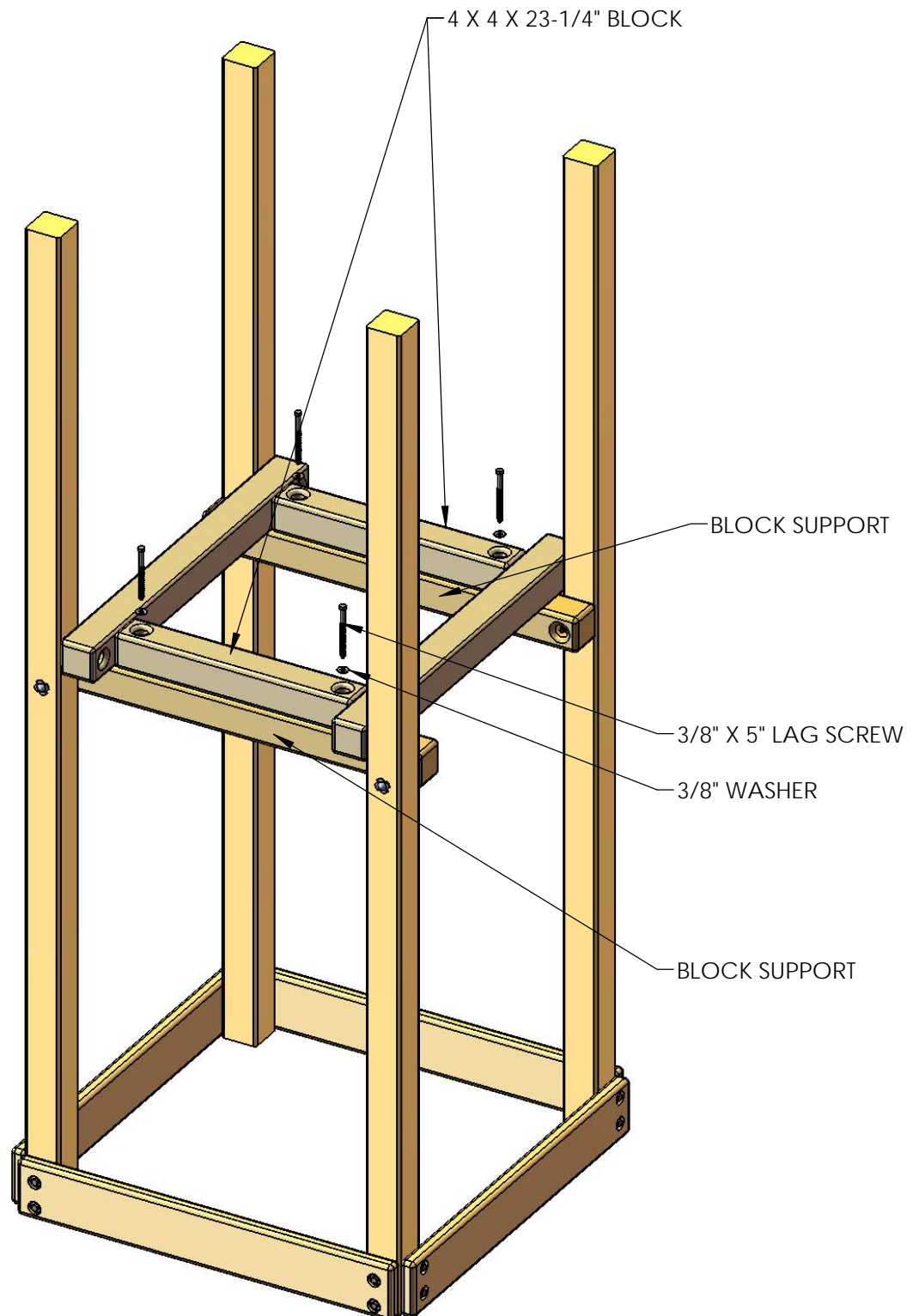


## STEP 5: BLOCKS

1: LOCATE TWO 4 X 4 X 23-1/4" BLOCKS.

2: PLACE EACH BLOCK ON TOP OF THE BLOCK SUPPORTS. THE COUNTERSUNK HOLES IN THE BLOCKS SHOULD FACE UP.

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

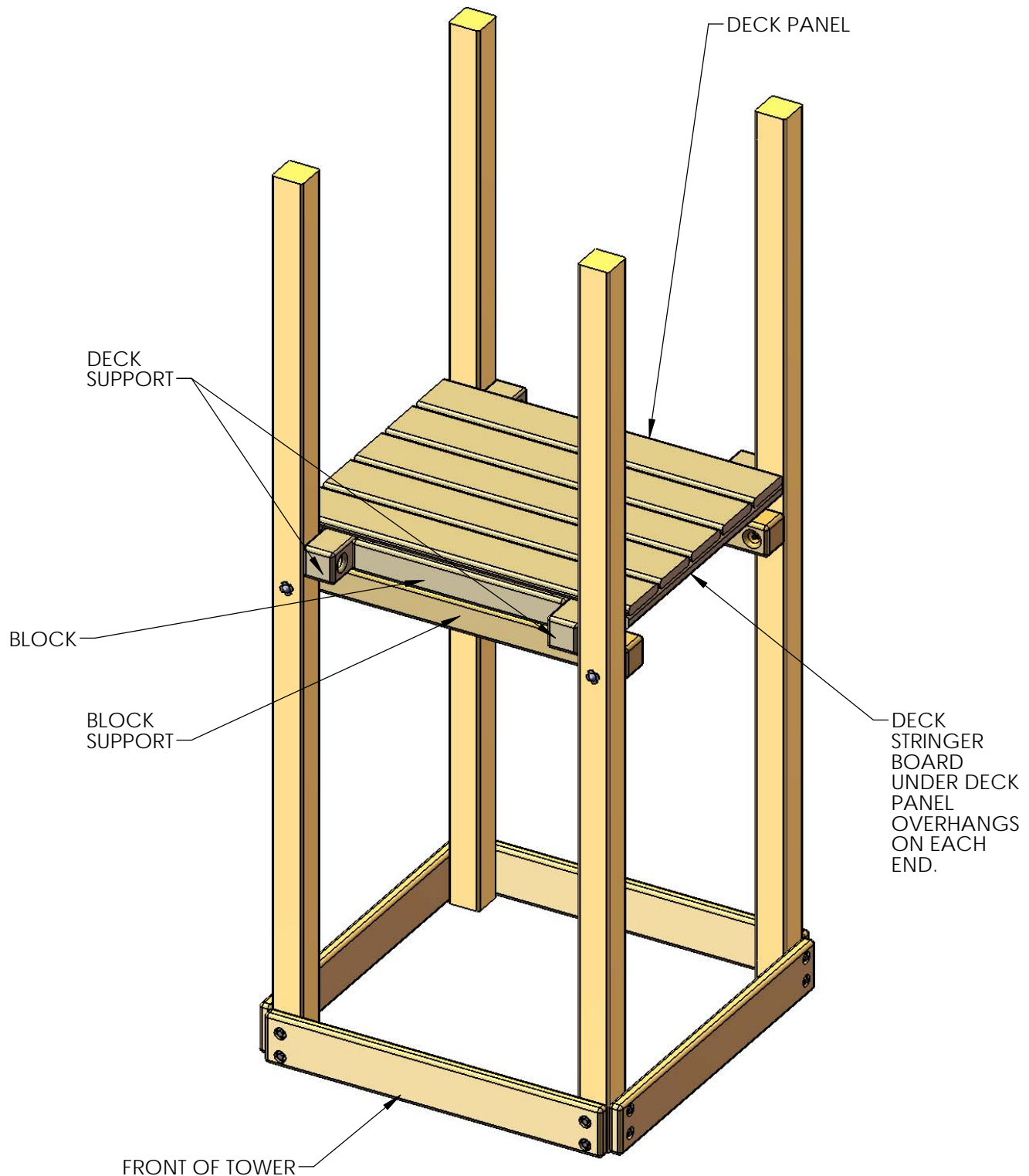




## STEP 6: DECK PANEL

1: PLACE THE DECK PANEL ON TOP OF THE DECK SUPPORTS.

2: LET THE DECK STRINGER BOARD UNDER THE DECK PANEL OVER HANG ON EACH END.



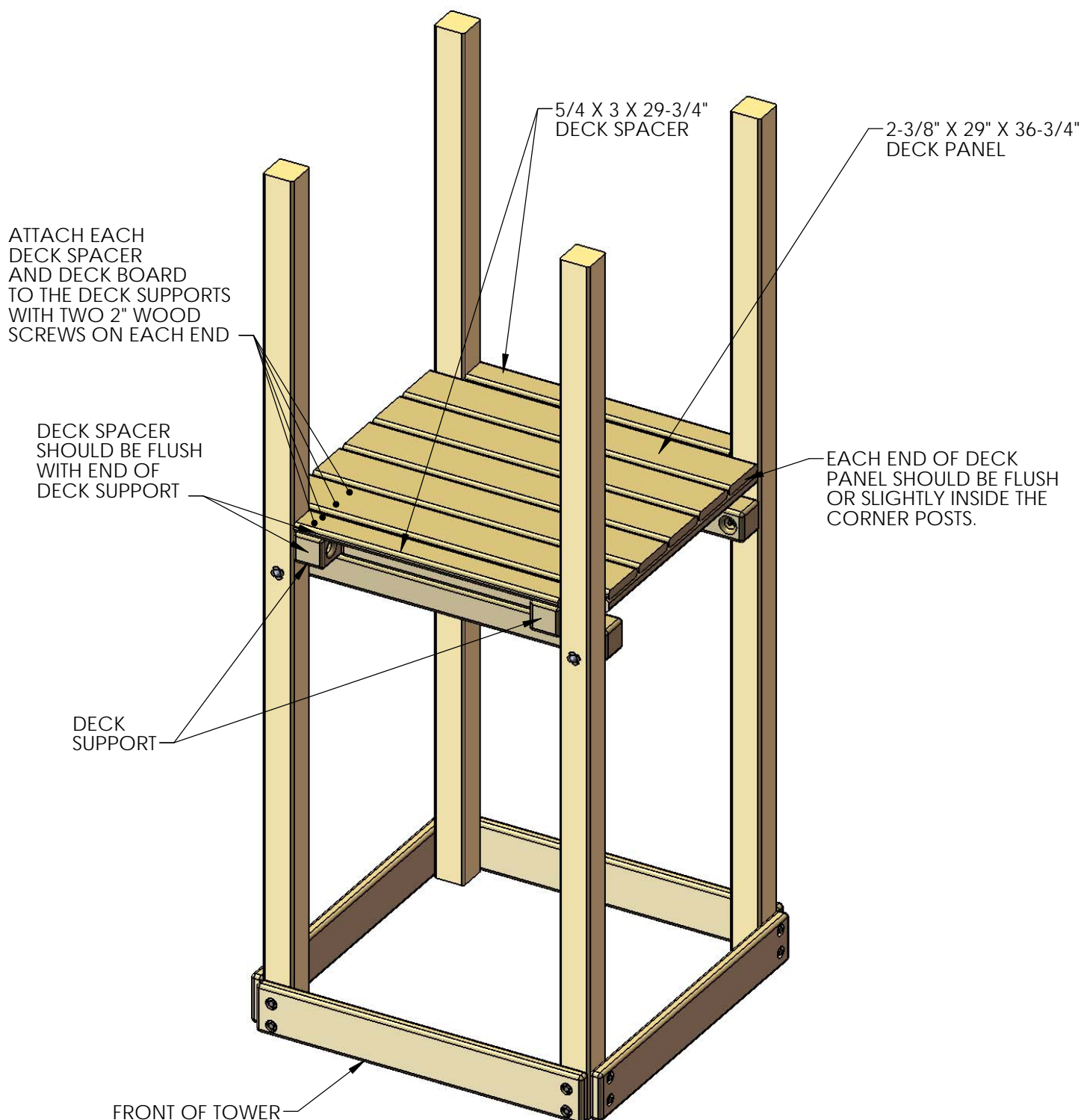
## STEP 7: DECK SPACERS

1: LOCATE TWO 5/4 X 3 X 29-3/4" DECK SPACERS.

2: PLACE EACH DECK SPACER ON THE ENDS OF THE DECK SUPPORTS.

3: EACH DECK SPACER SHOULD BE FLUSH TO THE END OF THE DECK SUPPORTS. THE ENDS OF THE DECK PANEL SHOULD BE FLUSH TO THE SIDE OF THE CORNER POSTS OR SLIGHTLY INSIDE FROM THE SIDE OF THE CORNER POSTS.

4: SECURE EACH DECK SPACER AND DECK BOARD TO THE DECK SUPPORTS WITH #8 X 2" WOOD SCREWS. EACH DECK BOARD AND DECK SPACER WILL RECEIVE FOUR WOOD SCREWS.



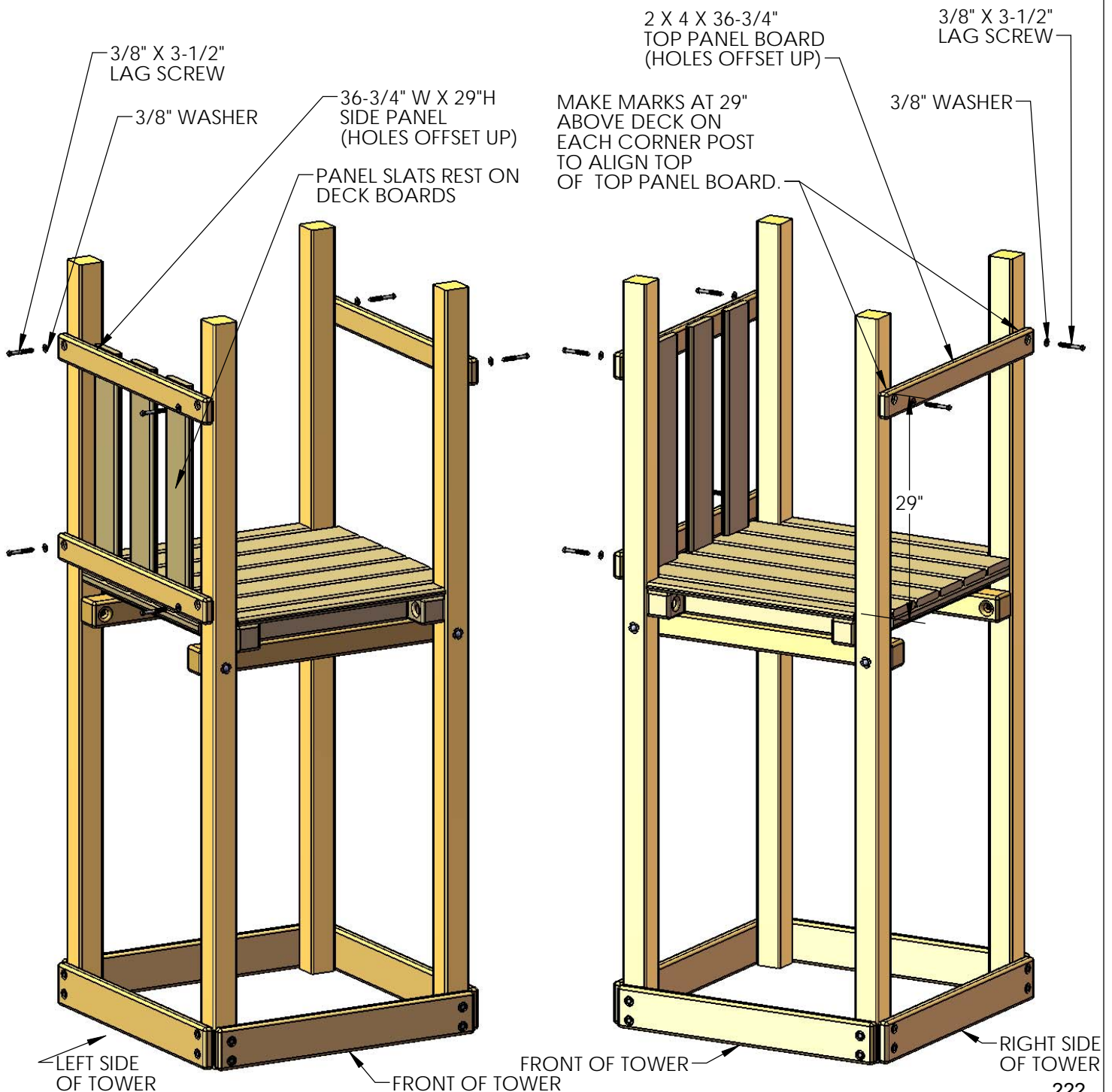
## STEP 8: SIDE PANEL AND TOP PANEL BOARD

1: PLACE THE 36-3/4"W X 29"H SIDE PANEL (HOLES OFFSET UP) FLUSH AGAINST THE CORNER POSTS ALLOWING THE PANEL SLATS TO REST ON TOP OF THE DECK BOARDS.

2: ATTACH THE SIDE PANEL TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.

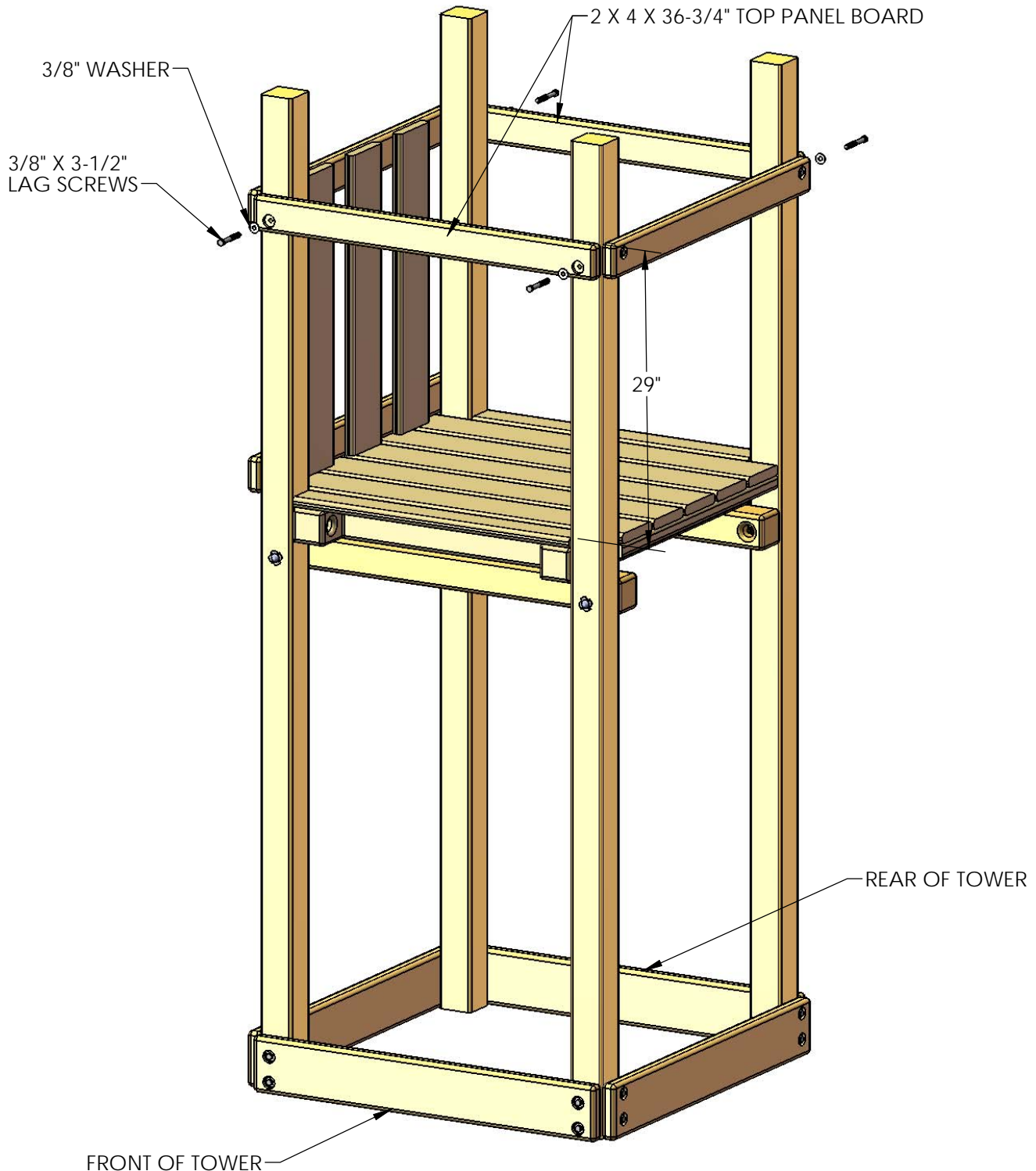
3: MEASURE 29" UP FROM THE DECK ON THE RIGHT SIDE OF THE TOWER AND MAKE A MARK ON EACH CORNER POST ON THE OUTSIDE. PLACE THE TOP SURFACE OF A 2 X 4 X 36-3/4" TOP PANEL BOARD (HOLES OFFSET UP) FLUSH WITH THE MARKS.

4: ATTACH THE TOP PANEL BOARD TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



## STEP 9: TOP PANEL BOARDS

- 1: LOCATE TWO 2 X 4 X 36-3/4" TOP PANEL BOARDS.
- 2: MEASURE 29" UP FROM THE DECK ON THE FRONT SIDE OF THE TOWER AND MAKE A MARK ON EACH CORNER POST ON THE OUTSIDE. PLACE THE TOP SURFACE OF A 2 X 4 X 36-3/4" TOP PANEL BOARD (HOLES OFFSET DOWN) FLUSH WITH THE MARKS.
- 3: ATTACH THE TOP PANEL BOARD TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.
- 4: REPEAT SUBSTEPS 2 AND 3 FOR THE TOP PANEL BOARD ON THE REAR OF THE TOWER.





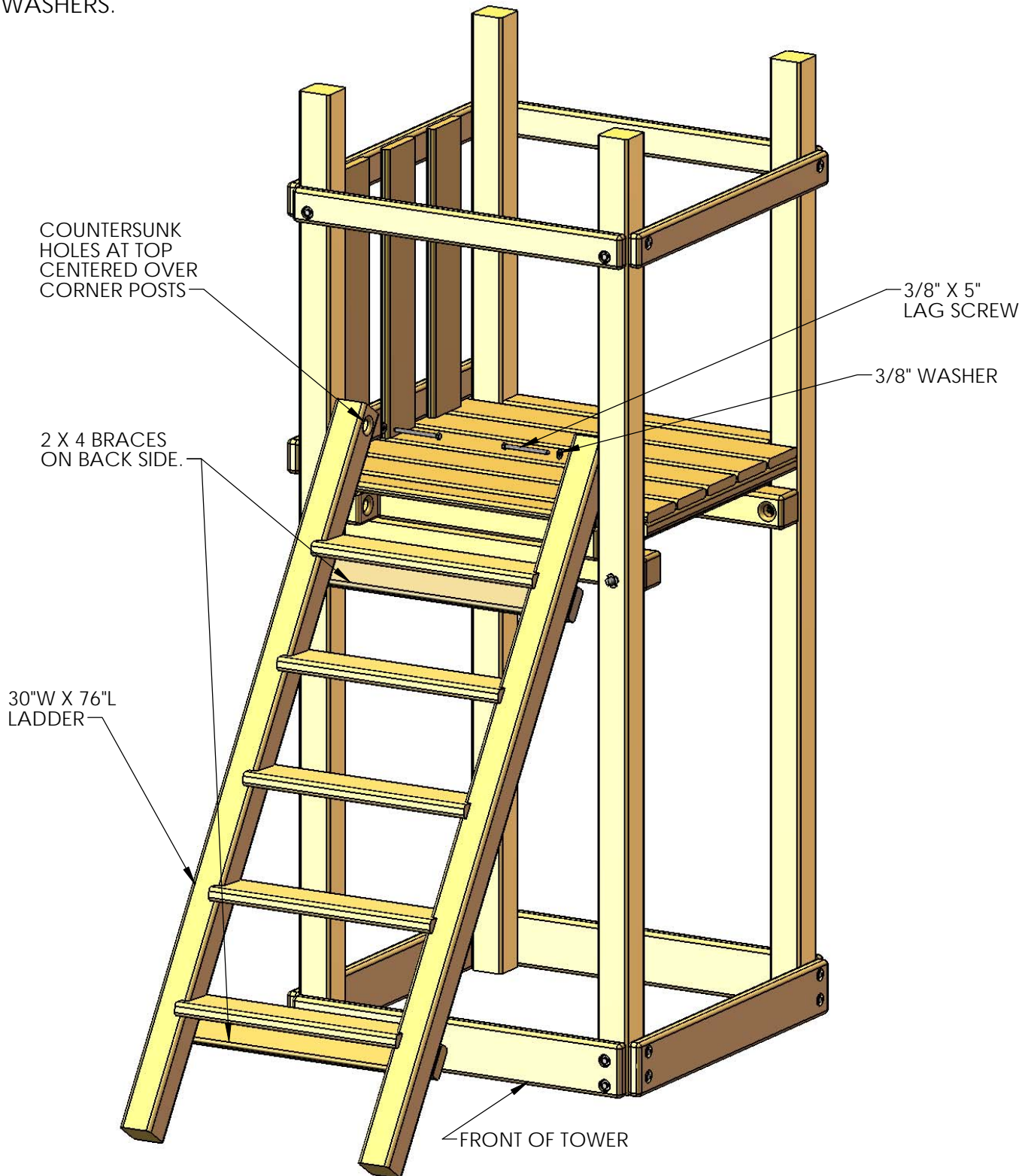
## STEP 10: LADDER

1: LOCATE THE 30" W X 76"L LADDER.

2: PLACE THE LADDER IN THE FRONT OPENING OF THE TOWER. THE COUNTERSUNK HOLES IN THE SIDES OF THE LADDER SHOULD BE AT THE TOP OF THE LADDER. THE 2 X 4 BRACES ON THE LADDER SHOULD BE ON THE BACK SIDE.

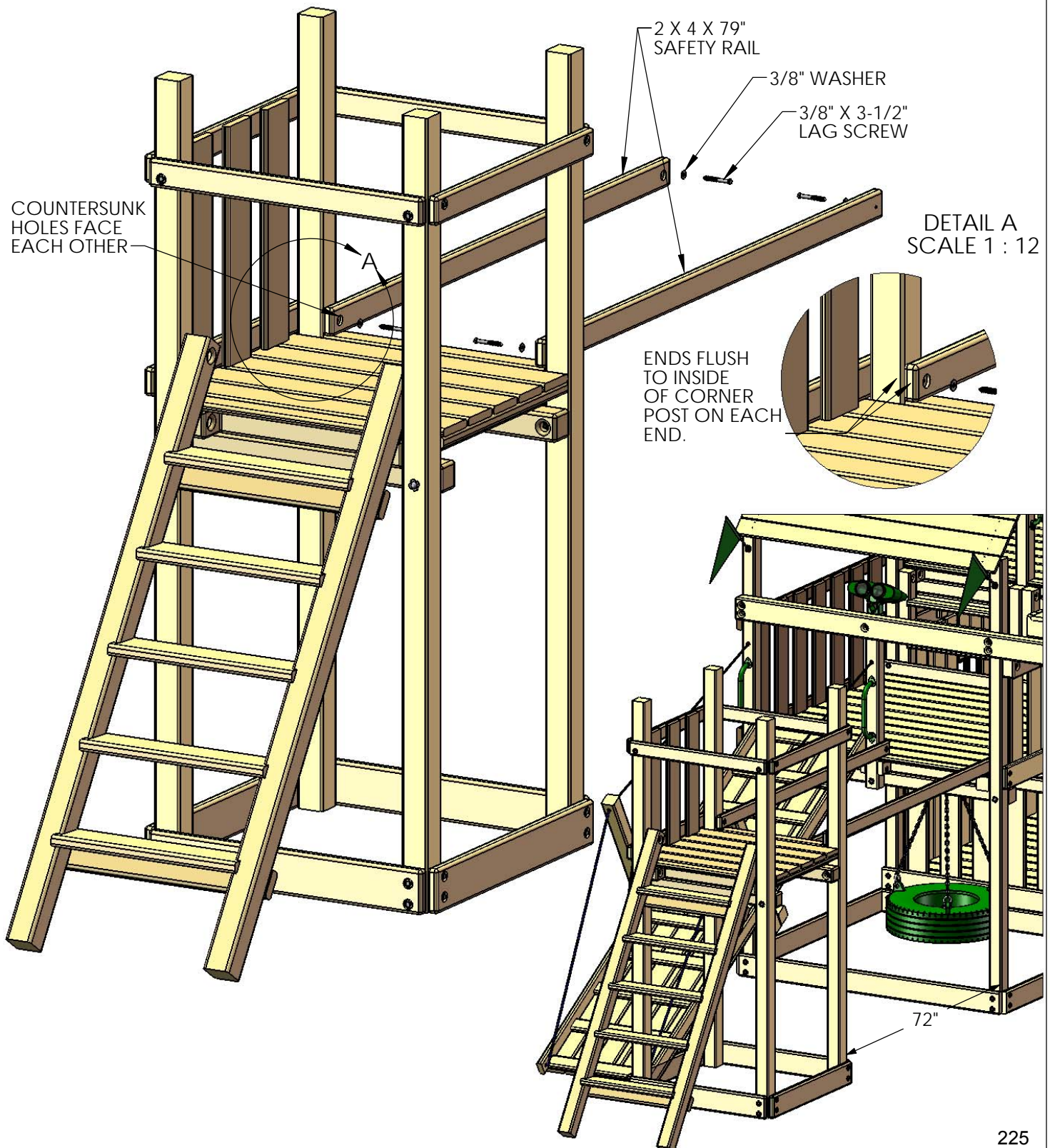
3: LOCATE THE CENTER OF THE COUNTERSUNK HOLES OVER THE CENTER OF THE CORNER POST ON EACH SIDE.

4: ATTACH THE LADDER TO THE CORNER POSTS WITH 3/8" X 5" LAG SCREWS AND 3/8" WASHERS.



## STEP 11: SAFETY RAILS

- 1: LOCATE TWO 2 X 4 X 79" SAFETY RAILS.
- 2: PLACE EACH SAFETY RAIL ON TOP OF THE TOWER DECK AND PLAY SET DECK WITH THE COUNTERSUNK HOLES FACING EACH OTHER.
- 3: MAKE CERTAIN THAT EACH SAFETY RAIL IS LEVEL.
- 4: THE ENDS OF THE SAFETY RAIL SHOULD BE FLUSH TO THE INSIDE SURFACE OF EACH CORNER POST.
- 5: ATTACH EACH SAFETY RAIL TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.



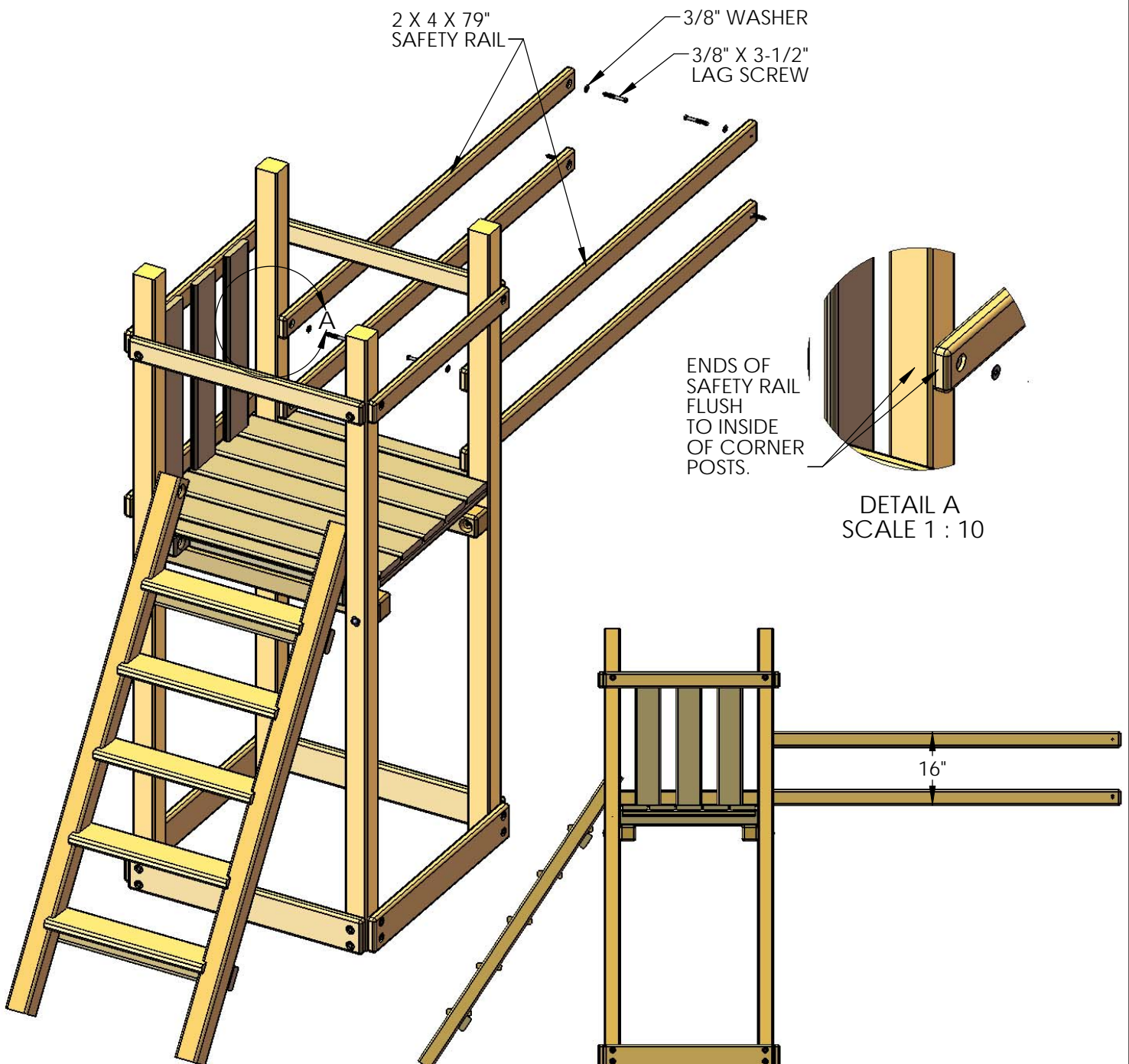
## STEP 12: SAFETY RAILS

1: LOCATE TWO 2 X 4 X 79" SAFETY RAILS.

2: MEASURE FROM THE TOP OF THE DECK UP 16" AND MAKE A MARK ON THE CORNER POSTS AT THE TOWER AND AT THE PLAY SET.

3: PLACE THE SAFETY RAILS ON THE INSIDE OF THE CORNER POSTS WITH THE COUNTERSUNK HOLES FACING EACH OTHER. THE ENDS OF THE SAFETY RAIL SHOULD BE FLUSH WITH THE INSIDE OF THE CORNER POSTS. LINE UP THE TOP SURFACE OF EACH SAFETY RAIL WITH THE MARKS ON THE CORNER POSTS.

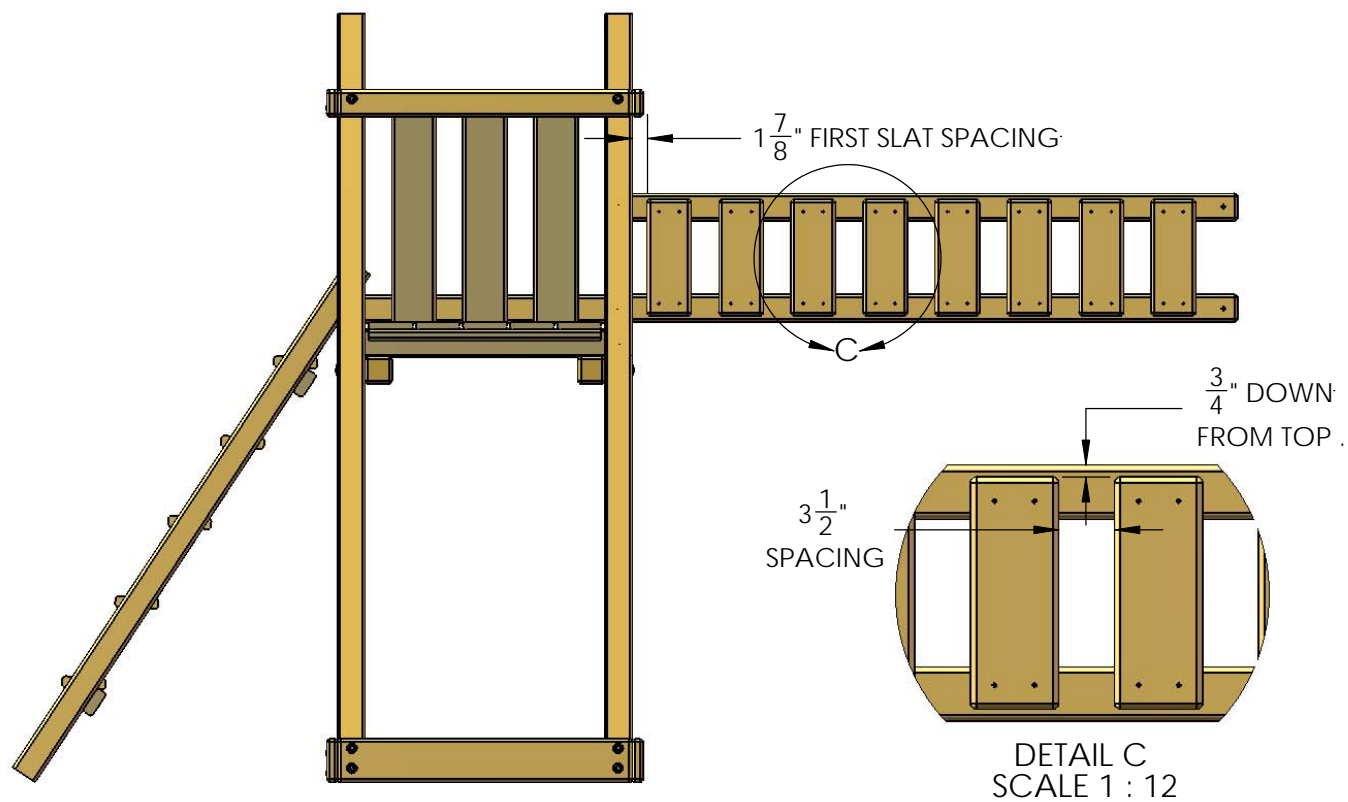
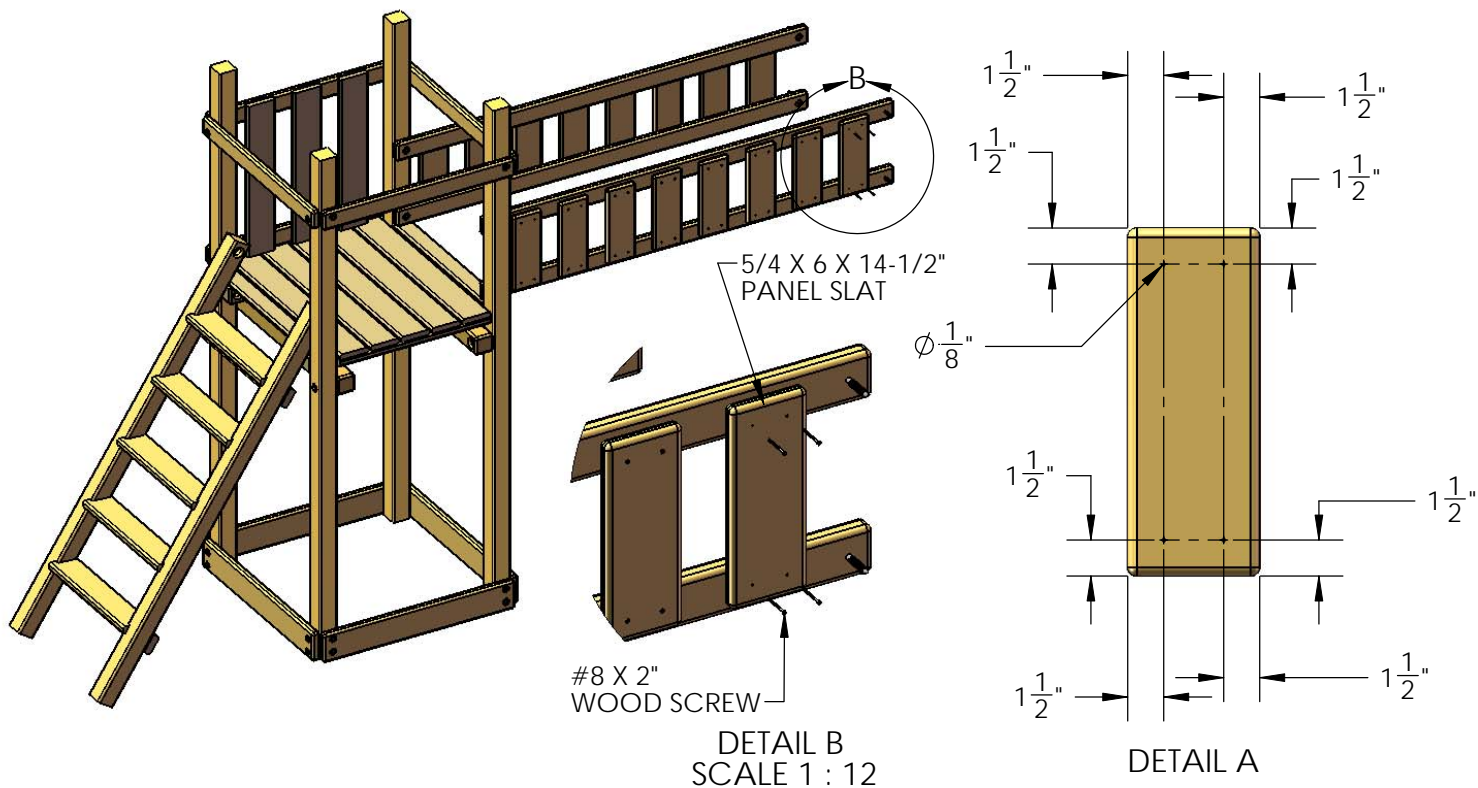
4: ATTACH EACH SAFETY RAIL TO THE CORNER POSTS WITH 3/8" X 3-1/2" LAG SCREWS AND 3/8" WASHERS.





## STEP 13: PANEL SLATS

- 1: LOCATE SIXTEEN 5/4 X 6 X 14-1/2" PANEL SLATS.
- 2: DRILL EACH SLAT USING THE PATTERN SHOWN BELOW IN DETAIL A WITH A 1/8" DRILL BIT.
- 3: ATTACH EACH SLAT ON THE OUTSIDE OF THE SAFETY RAILS WITH #8 X 2" WOOD SCREWS. USE THE DIMENSIONS SHOWN BELOW TO LOCATE THE PANEL SLATS.





## STEP 14A: DRILLING CHAIN HOLES

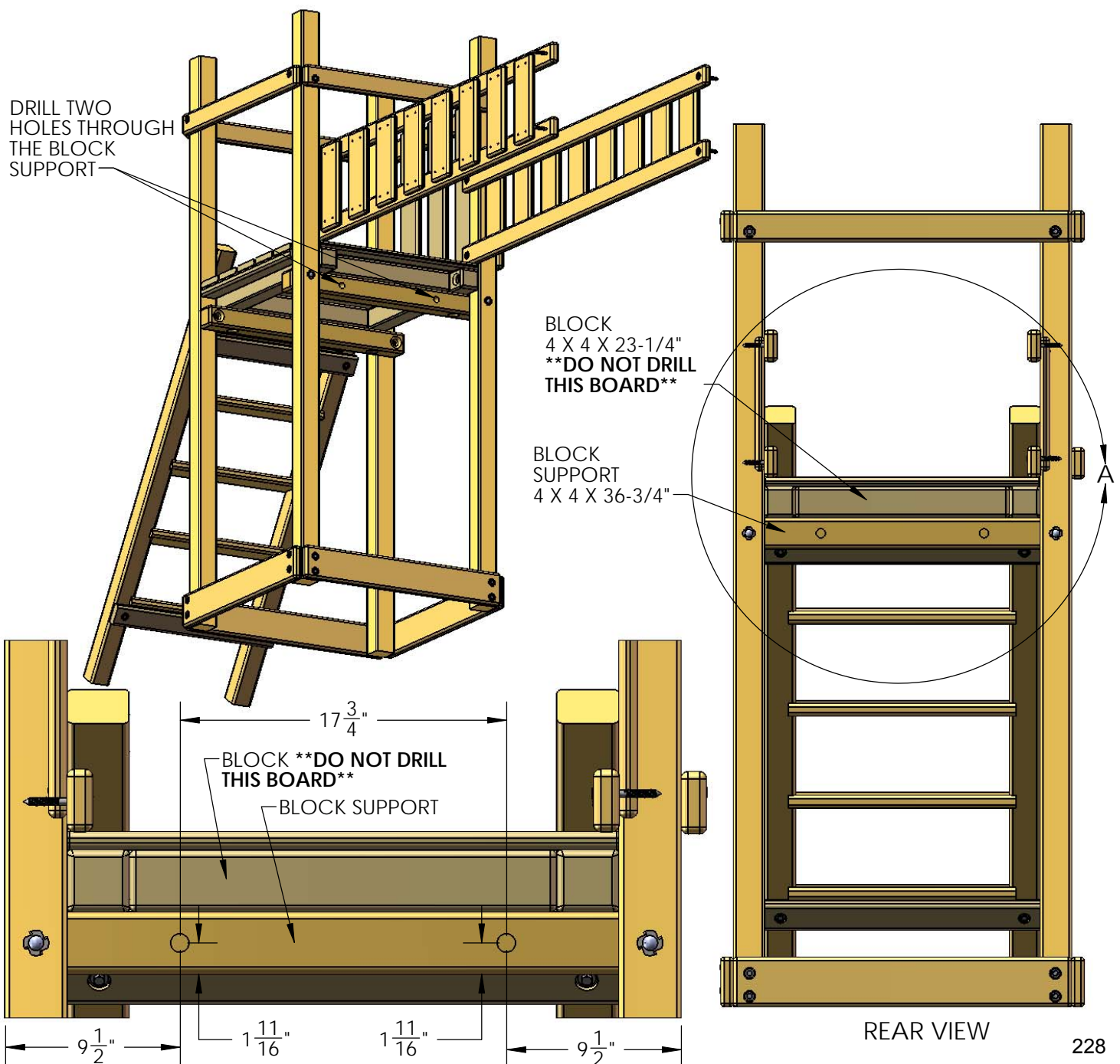
1: YOU WILL NEED A DRILL AND A 1" SPADE OR 1" AUGER STYLE BIT FOR THIS STEP.

2: MEASURE USING THE DIMENSIONS SHOWN BELOW AND MAKE MARKS ONTO THE BLOCK SUPPORT.

**(WARNING! DO NOT DRILL HOLES IN THE BLOCK INSTEAD OF THE BLOCK SUPPORT!)**

3: DRILL A 1" DIAMETER HOLE AT EACH MARK THROUGH THE BLOCK SUPPORT.

**TIP:** TYPICALLY A SPADE STYLE BIT WILL SPLINTER OUT THE WOOD ON THE BACK SIDE OF THE HOLE AS THE BIT EXITS THE BACK SIDE OF THE WOOD. IF USING A SPADE STYLE BIT YOU CAN BEGIN DRILLING THE HOLE AND JUST AS THE TIP OF THE SPADE BIT IS PROTRUDING THE OTHER SIDE STOP DRILLING. THEN GO UNDER THE DECK AND DRILL FROM THE BACK SIDE OF THE HOLE TO FINISH DRILLING THE HOLE. THIS METHOD SHOULD LEAVE YOU WITH A CLEANLY BORED HOLE THAT IS ALMOST SPLINTER FREE.



## STEP 14B: DRILLING CHAIN HOLES

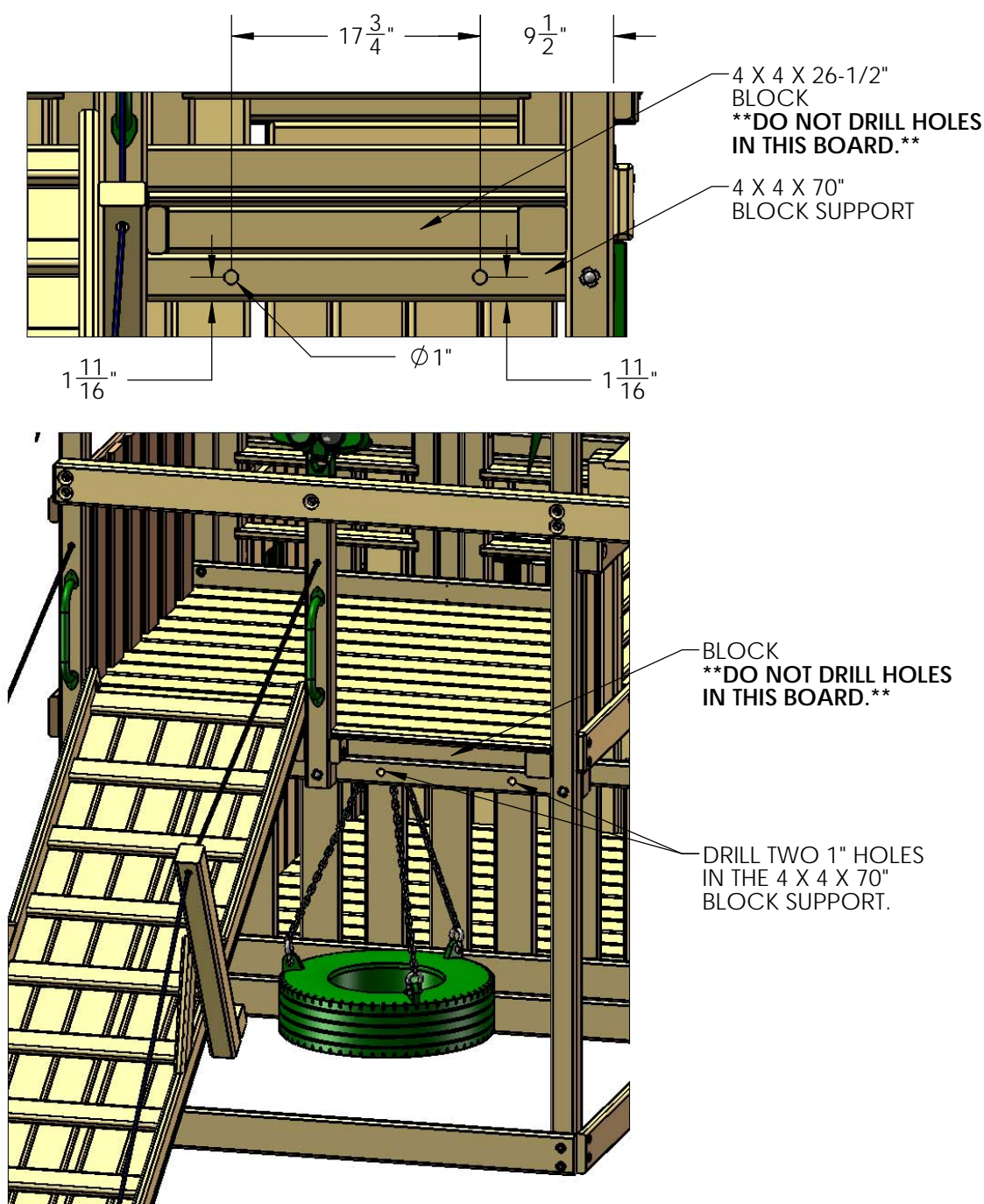
1: YOU WILL NEED A DRILL AND A 1" SPADE OR 1" AUGER STYLE BIT FOR THIS STEP.

2: MEASURE USING THE DIMENSIONS SHOWN BELOW AND MAKE MARKS ONTO THE BLOCK SUPPORT.

**(WARNING! DO NOT DRILL HOLES IN THE BLOCK INSTEAD OF THE BLOCK SUPPORT!)**

3: DRILL A 1" DIAMETER HOLE AT EACH MARK THROUGH THE BLOCK SUPPORT.

**TIP:** TYPICALLY A SPADE STYLE BIT WILL SPLINTER OUT THE WOOD ON THE BACK SIDE OF THE HOLE AS THE BIT EXITS THE BACK SIDE OF THE WOOD. IF USING A SPADE STYLE BIT YOU CAN BEGIN DRILLING THE HOLE AND JUST AS THE TIP OF THE SPADE BIT IS PROTRUDING THE OTHER SIDE STOP DRILLING. THEN GO UNDER THE DECK AND DRILL FROM THE BACK SIDE OF THE HOLE TO FINISH DRILLING THE HOLE. THIS METHOD SHOULD LEAVE YOU WITH A CLEANLY BORED HOLE THAT IS ALMOST SPLINTER FREE.



## STEP 15: CLATTER BRIDGE DECK

1: LOCATE THE CLATTER BRIDGE DECK WITH THE CHAINS ATTACHED.

2: UNROLL THE CLATTER BRIDGE DECK ON THE GROUND UNDER THE SAFETY RAILS WITH THE DECK BOARDS FACING UP.

3: PASS THE END OF EACH CHAIN ON ONE END OF THE CLATTER BRIDGE DECK THROUGH THE HOLES YOU JUST DRILLED IN THE TOWER BLOCK SUPPORT.

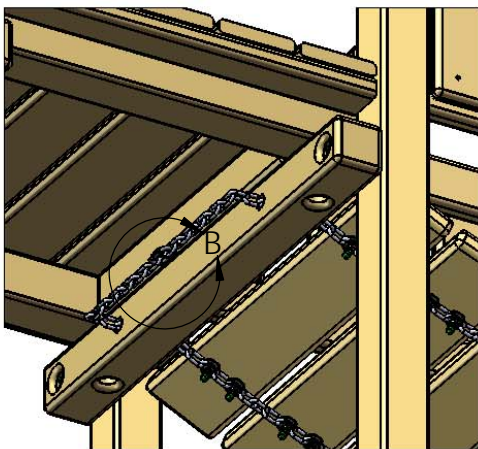
4: SECURE THE CHAIN ENDS TOGETHER WITH A QUICK LINK. THERE SHOULD BE A 2" OR LESS GAP BETWEEN THE CLATTER BRIDGE DECK BOARD AND THE BLOCK SUPPORT. THIS MEANS THAT YOU MAY NOT BE CONNECTING THE ABSOLUTE END LINKS OF THE CHAIN TOGETHER. YOU MAY HAVE TO CONNECT THE SECOND, THIRD, FOURTH LINKS AND SO ON TOGETHER TO ACHIEVE THE 2" OR LESS GAP. ANY EXCESS CHAIN HANGING DOWN CAN BE LOOPED AND HOOKED ON THE QUICK LINK BEFORE CLOSING THE QUICK LINK.

5: PASS THE END OF EACH CHAIN ON THE OTHER END OF THE CLATTER BRIDGE DECK THROUGH THE HOLES YOU JUST DRILLED IN THE PLAY SET BLOCK SUPPORT.

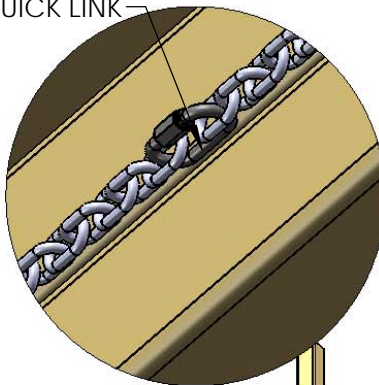
6: AGAIN, SECURE THE ENDS TOGETHER WITH A QUICK LINK AND ADJUST THE CHAINS UNTIL A 2" GAP IS ACHIEVED AS DESCRIBED IN SUBSTEP 4 ABOVE. SHOULD YOU HAVE TROUBLE ACHIEVING THE 2" OR LESS GAP THEN HAVE AN ASSISTANT GO UNDER THE CLATTER BRIDGE DECK AND HOLD UP THE MIDDLE OF THE CLATTER BRIDGE DECK. YOU CAN THEN ATTACH THE CHAIN ENDS TOGETHER UNDER THE DECK WITH THE QUICK LINK. AS BEFORE LOOP ANY CHAIN HANGING DOWN ON THE QUICK LINK BEFORE CLOSING IT.

7: VERIFY BOTH QUICK LINKS ARE CLOSED, EXCESS CHAIN HAS BEEN LOOPED UP AND THE 2" OR LESS GAP HAS BEEN ACHIEVED ON BOTH ENDS OF THE CLATTER BRIDGE DECK.

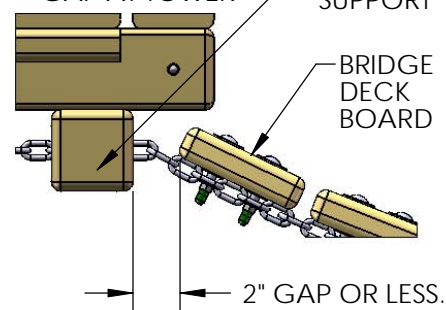
VIEW UNDER TOWER



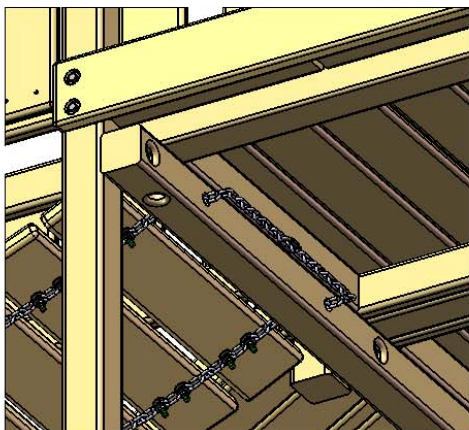
DETAIL B  
SCALE 1 : 3.5



SIDE VIEW OF  
GAP AT TOWER



VIEW UNDER PLAY SET



DETAIL A  
SCALE 1 : 14





## STEP 16: DRILLING ROOF SUPPORT HOLES

1: NOW YOU WILL DRILL HOLES FOR THE ROOF SUPPORTS FOR THE TOWER. THESE HOLES WILL NOT GO ALL THE WAY THROUGH THE CORNER POSTS SO EITHER USE MASKING TAPE ON YOUR DRILL BIT TO INDICATE THE DEPTH OR USE DEPTH STOPS. DEPTH STOPS ARE STEEL COLLARS WITH SET SCREWS THAT GO OVER DRILL BITS TO LIMIT DRILLING DEPTH. YOU MAY PURCHASE DEPTH STOPS AT LOCAL HARDWARE STORES IF YOU WISH.

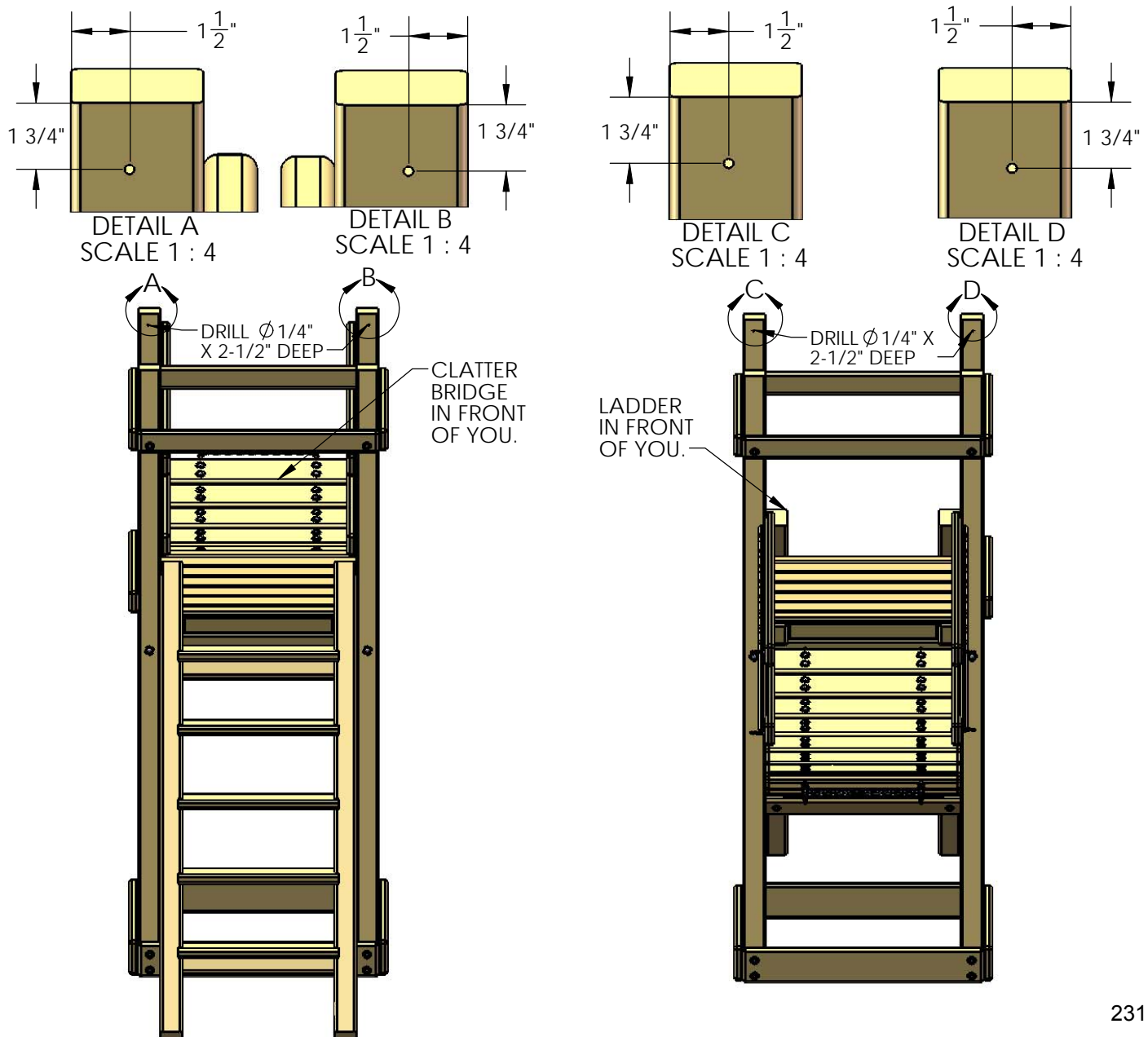
2: YOU WILL NEED A DRILL WITH A 1/4" DRILL BIT FOR THIS STEP.

3: CLIMB UP ON TOP OF THE TOWER DECK AND FACE THE REAR OF THE TOWER. THE CLATTER BRIDGE DECK WILL BE DIRECTLY IN FRONT OF YOU.

4: ON THE CORNER POST ON YOUR LEFT (DETAIL A) DRILL A 1/4" DIAMETER HOLE 2-1/2" DEEP AT THE DIMENSIONS SHOWN. THEN ON THE CORNER POST ON THE RIGHT (DETAIL B) DRILL A 1/4" DIAMETER HOLE 2-1/2" DEEP AT THE DIMENSIONS SHOWN.

5: TURN AROUND FACING THE FRONT OF THE TOWER. THE TOWER LADDER SHOULD BE DIRECTLY IN FRONT OF YOU.

6: ON THE CORNER POST ON YOUR LEFT (DETAIL C) DRILL A 1/4" DIAMETER HOLE 2-1/2" DEEP AT THE DIMENSIONS SHOWN. THEN ON THE CORNER POST ON THE RIGHT (DETAIL D) DRILL A 1/4" DIAMETER HOLE 2-1/2" DEEP AT THE DIMENSIONS SHOWN.





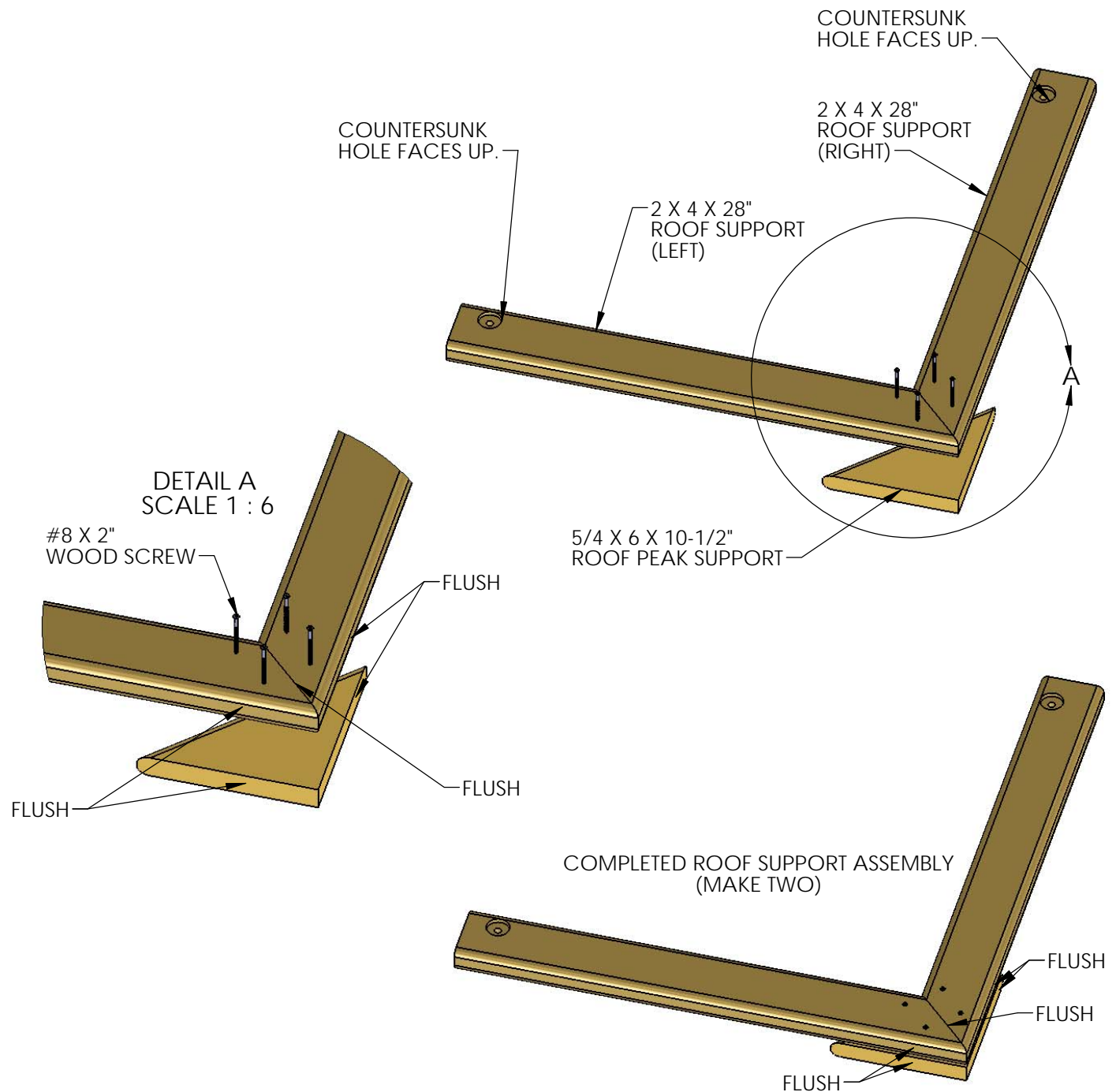
## STEP 17: ROOF SUPPORT ASSEMBLIES

1: LOCATE TWO 2 X 4 X 28" ROOF SUPPORT (RIGHT), TWO 2 X 4 X 28" ROOF SUPPORT (LEFT) AND TWO 5/4 X 6 X 10-1/2" ROOF PEAK SUPPORT PIECES.

2: FIND A FLAT SURFACE TO WORK ON. LAY THE TRIANGLE SHAPED ROOF PEAK SUPPORT ON THE FLAT SURFACE. PLACE ONE ROOF SUPPORT (LEFT) AND ONE ROOF SUPPORT (RIGHT) ON TOP OF THE ROOF PEAK SUPPORT WITH THE COUNTERSUNK HOLES FACING UP. THE EDGES SHOULD BE FLUSH WHERE SHOWN BELOW.

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

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

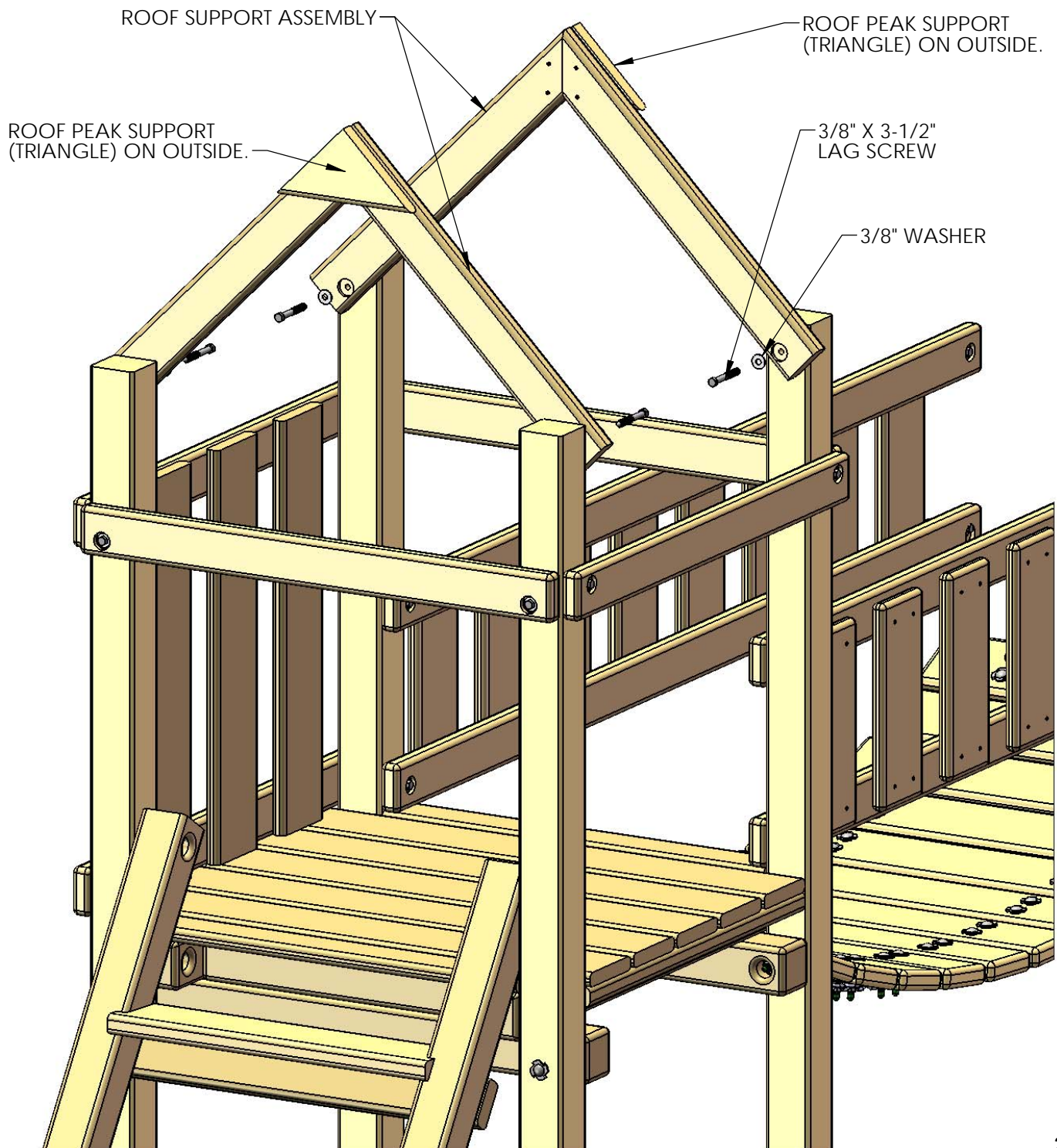


## STEP 18: ROOF SUPPORTS

1: PLACE THE TWO ROOF SUPPORT ASSEMBLIES ON THE DECK.

2: ATTACH ONE ROOF SUPPORT ASSEMBLY TO THE HOLES YOU PREVIOUSLY DRILLED IN THE REAR CORNER POSTS WITH TWO 3/8" X 3-1/2" LAG SCREWS AND TWO 3/8" WASHERS. NOTE THAT THE TRIANGLE SHAPED ROOF PEAK SUPPORT WILL BE ON THE OUTSIDE.

3: ATTACH THE OTHER ROOF SUPPORT ASSEMBLY TO THE HOLES YOU PREVIOUSLY DRILLED IN THE FRONT CORNER POSTS WITH TWO 3/8" X 3-1/2" LAG SCREWS AND TWO 3/8" WASHERS. NOTE THAT THE TRIANGLE SHAPED ROOF PEAK SUPPORT WILL BE ON THE OUTSIDE.



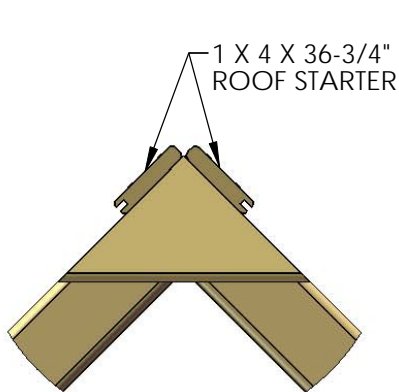
## STEP 19: ROOF

1: LOCATE TWO 1 X 4 X 36-3/4" ROOF STARTERS.

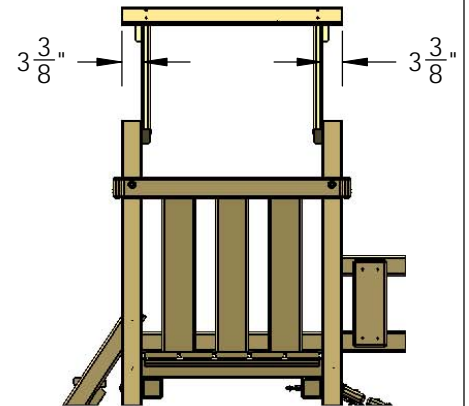
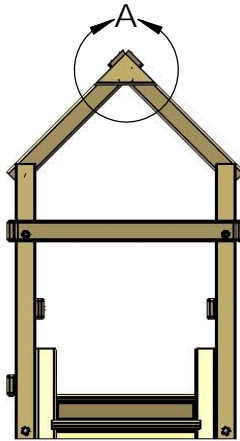
2: POSITION THE STARTERS AT THE ROOF PEAK SO THAT THE BOARDS ARE ALMOST TOUCHING. (SEE DETAIL A.)

3: THE ROOF STARTER WILL OVER HANG THE ROOF SUPPORTS BY APPROXIMATELY 3-3/8" ON EACH SIDE. (SEE RIGHT SIDE VIEW BELOW.)

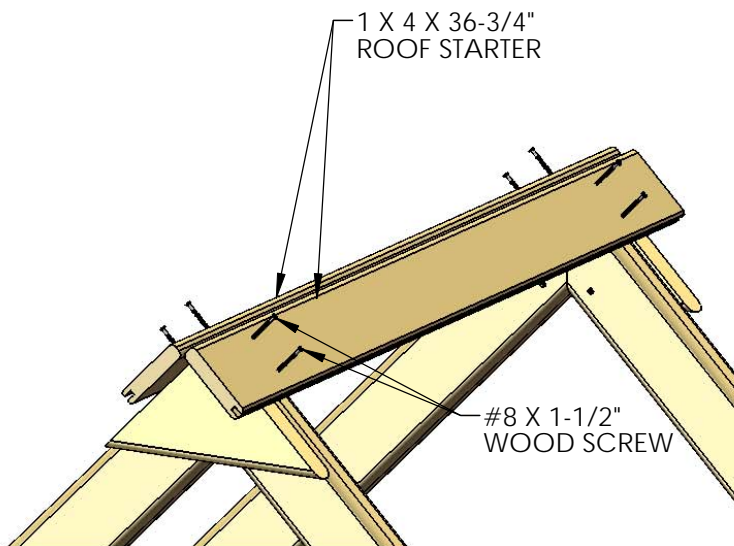
4: FASTEN THE ROOF STARTERS TO THE ROOF SUPPORTS WITH 1-1/2" WOOD SCREWS; FOUR IN EACH BOARD. (SEE DETAIL B.)



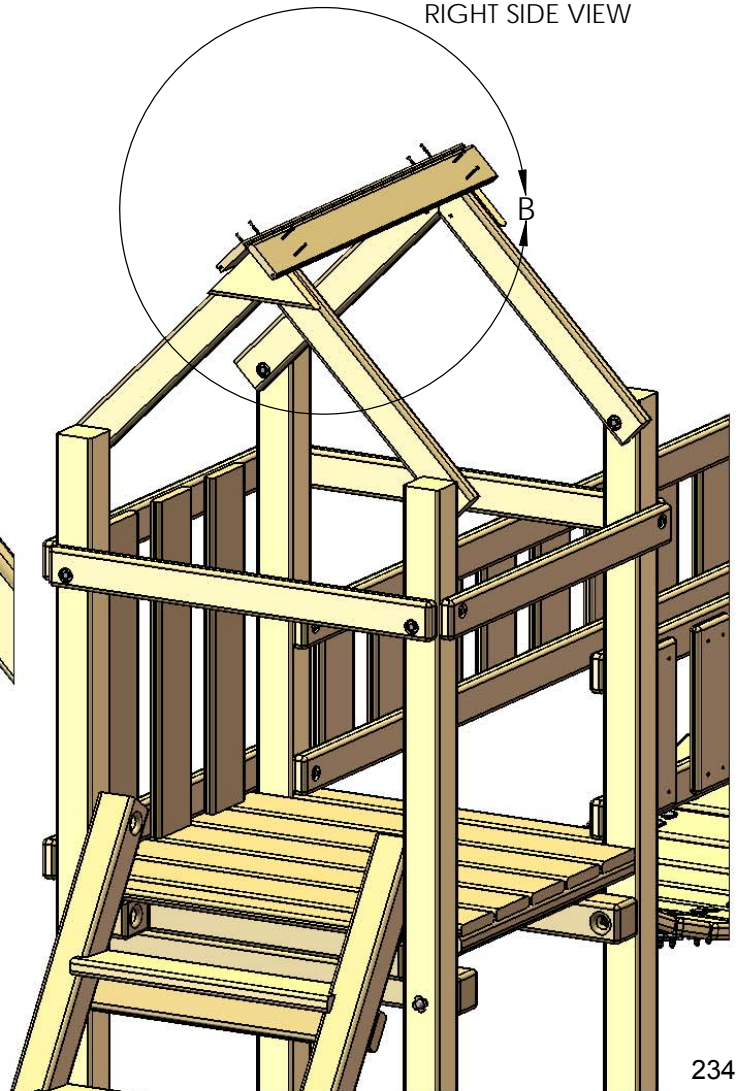
DETAIL A  
SCALE 1 : 8



RIGHT SIDE VIEW



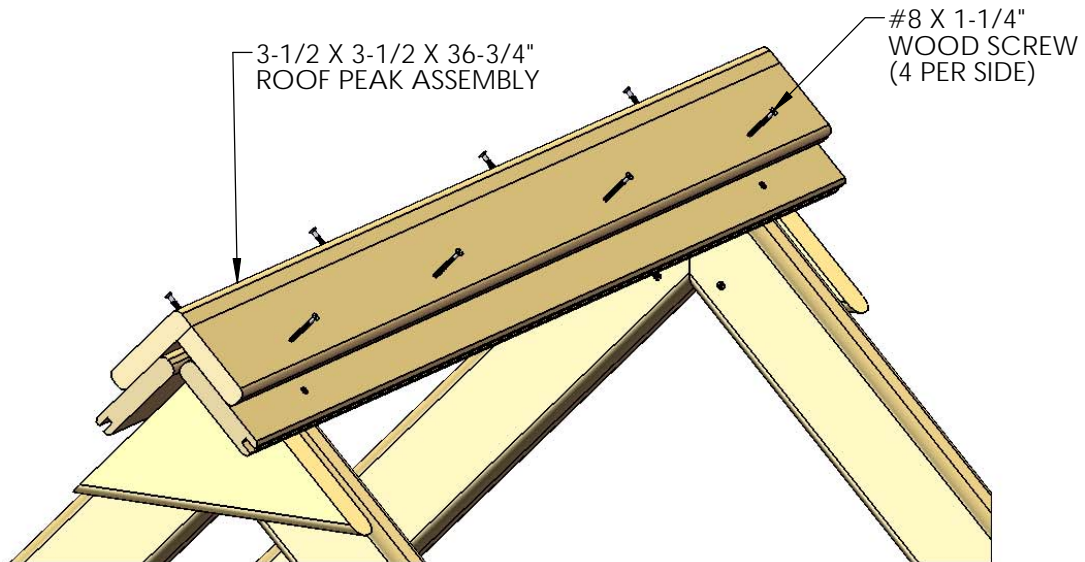
DETAIL B  
SCALE 1 : 8



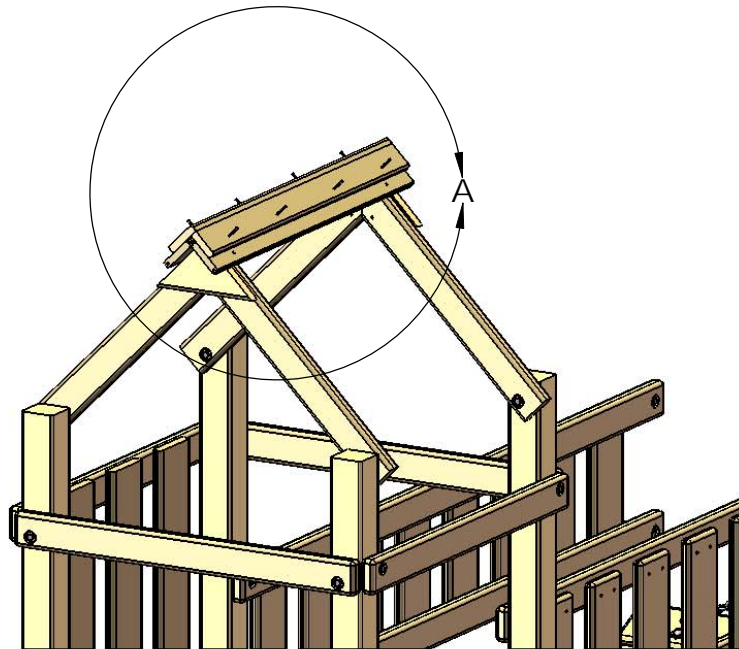


## STEP 20: ROOF PEAK

- 1: LOCATE THE 3-1/2 X 3-1/2 X 36-3/4" ROOF PEAK.
- 2: PLACE THE ROOF PEAK ASSEMBLY ON TOP OF THE ROOF STARTERS.
- 3: ALIGN THE END OF THE PEAK ASSEMBLY FLUSH TO THE END OF THE ROOF STARTERS.
- 4: ATTACH THE ROOF PEAK ASSEMBLY TO THE ROOF STARTERS WITH EIGHT 1-1/4" WOOD SCREWS; FOUR PER SIDE.



DETAIL A  
SCALE 1 : 6





## STEP 21: ROOF BOARDS AND FINISHERS

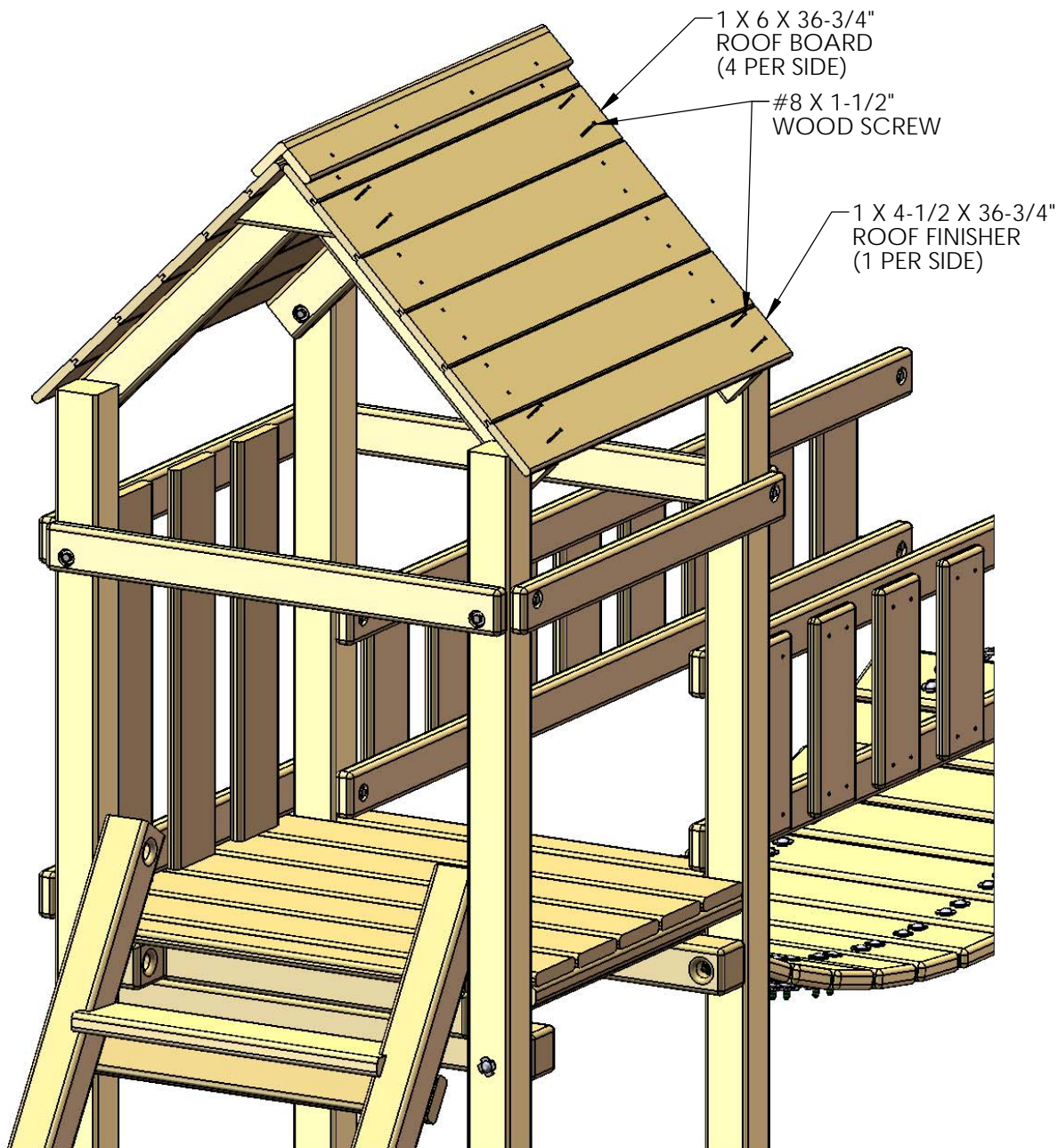
1: LOCATE EIGHT 1 X 6 X 36-3/4" ROOF BOARDS AND TWO 1 X 4-1/2 X 36-3/4" ROOF FINISHERS.

2: PLACE THE 1 X 6 X 36-3/4" ROOF BOARD ON TOP OF THE ROOF SUPPORTS FITTING THE TONGUE END INTO THE GROOVE END OF THE ROOF STARTERS. EACH SIDE OF THE ROOF GETS FOUR ROOF BOARDS.

3: FASTEN THE ROOF BOARDS TO THE ROOF SUPPORTS WITH #8 X 1-1/2" WOOD SCREWS.

4: PLACE THE 1 X 4-1/2 X 36-3/4" ROOF FINISHER ON TOP OF THE ROOF SUPPORTS FITTING THE TONGUE END INTO THE GROOVE END OF THE LAST ROOF BOARD. EACH SIDE OF THE ROOF GETS ONE ROOF FINISHER.

5: FASTEN THE ROOF FINISHER TO THE ROOF SUPPORTS WITH #8 X 1-1/2" WOOD SCREWS.

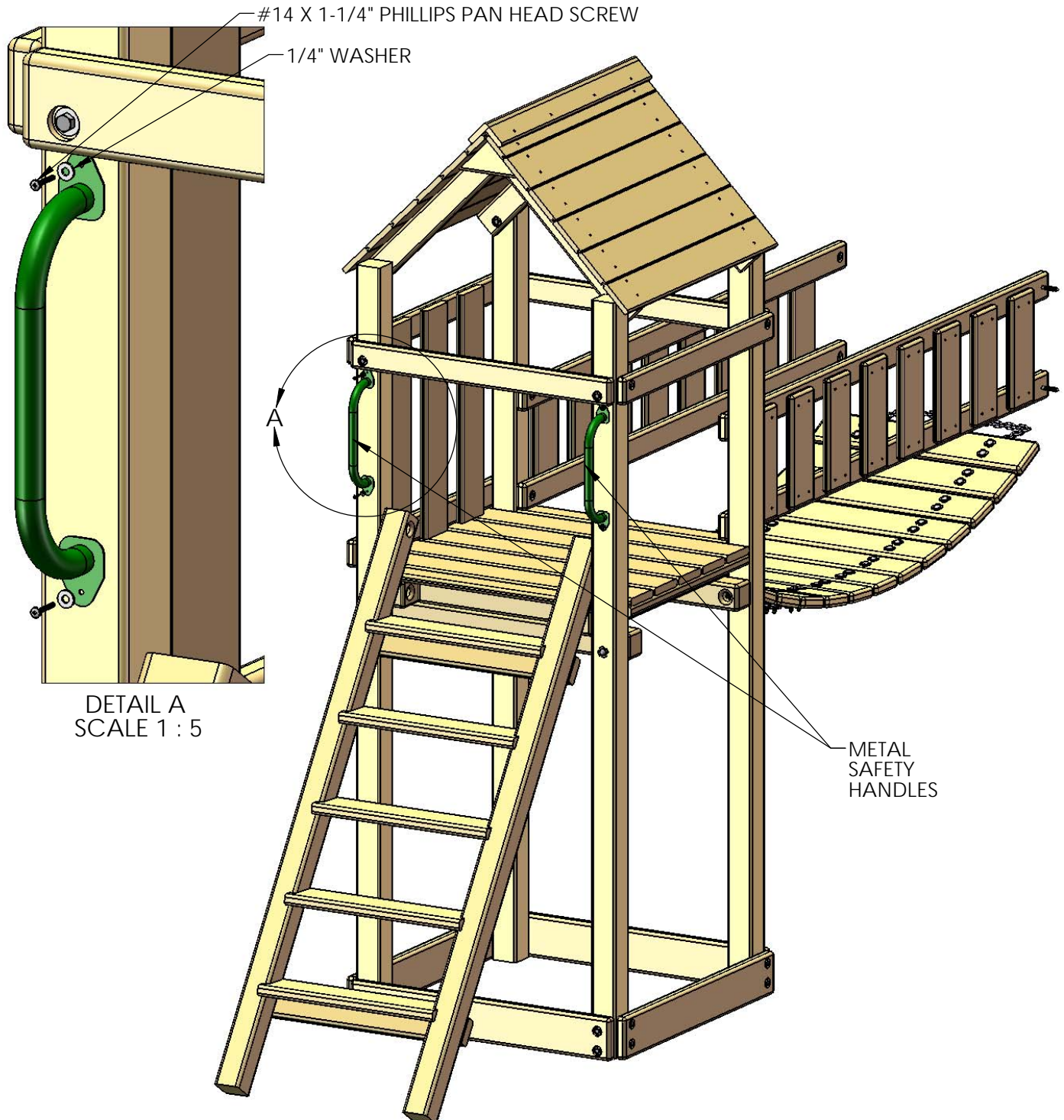


## STEP 22: SAFETY HANDLES

1: LOCATE TWO GREEN METAL SAFETY HANDLES.

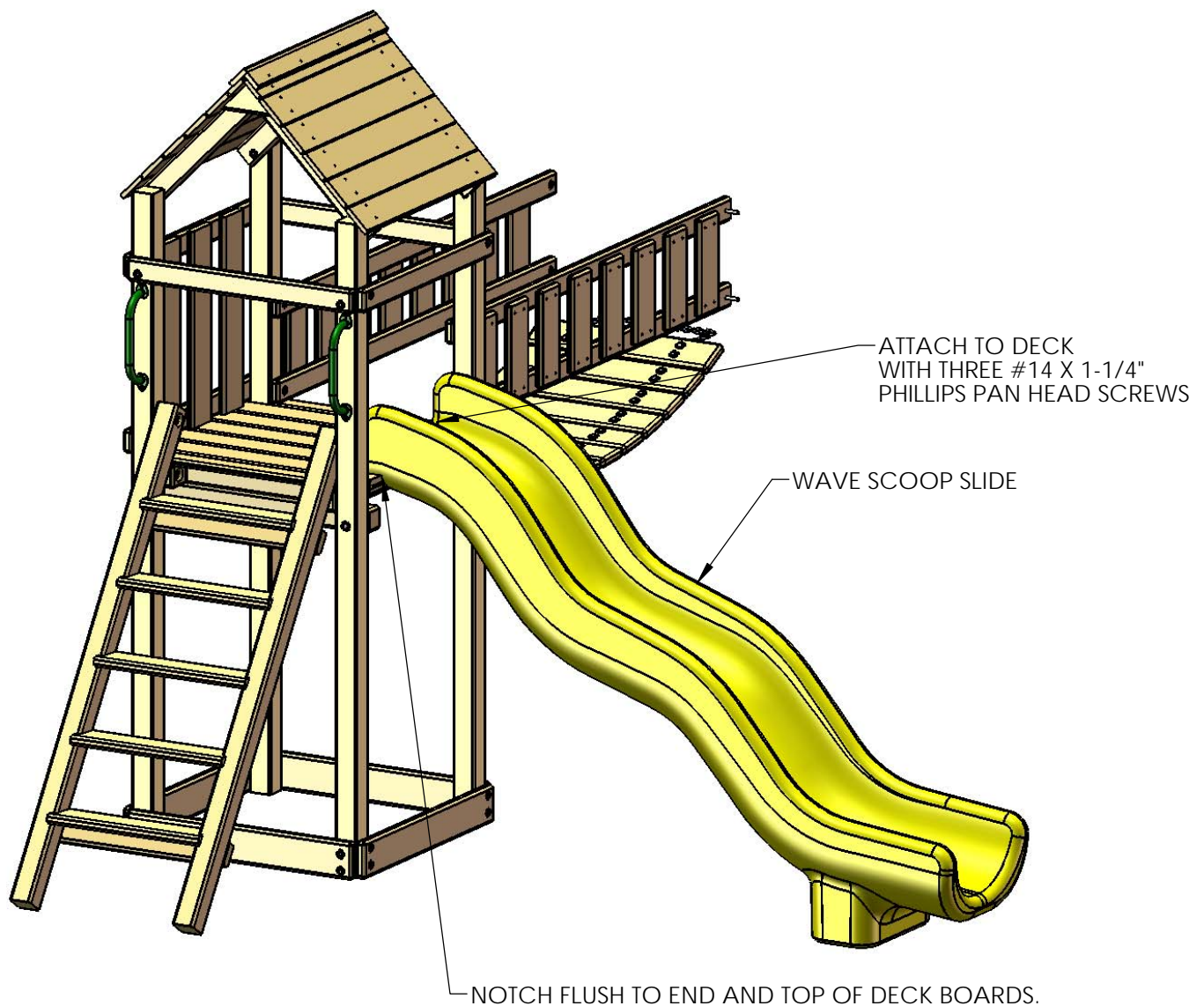
2: PLACE THE SAFETY HANDLES ON THE CORNER POSTS ABOVE THE LADDER AS SHOWN BELOW. ADJUST UP OR DOWN TO SUIT THE NEEDS OF YOUR CHILD.

3: ATTACH EACH SAFETY HANDLE TO THE CORNER POST WITH #14 X 1-1/4" PHILLIPS PAN HEAD SCREWS AND 1/4" WASHERS.



## STEP 23: WAVE SCOOP SLIDE

- 1: LOCATE THE WAVE SCOOP SLIDE.
- 2: PLACE THE NOTCHED BOTTOM END OF THE WAVE SCOOP SLIDE IN THE OPENING ON THE RIGHT SIDE OF THE TOWER.
- 3: THE NOTCH SHOULD BE FLUSH TO THE END AND TOP OF THE DECK BOARDS.
- 4: ATTACH THE WAVE SCOOP SLIDE TO THE DECK BOARDS WITH THREE #14 X 1-1/4" PHILLIPS PAN HEAD SCREWS.




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# WARRANTY REGISTRATION

-Pangaea -

PlayNation 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: <b>(800) 880-3300</b> <b>OR</b> Mail this completed form to: <b>PlayNation Playsets</b> <b>190 Etowah Industrial Court</b> <b>Canton, GA 30114</b>
OPTION 2	Complete the online registration form at: <b><a href="http://www.playnation.com/register">http://www.playnation.com/register</a></b>
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	Store	Store City	Store State
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**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?

<input type="checkbox"/>	★ ★ ★ ★ ★	Excellent
<input type="checkbox"/>	★ ★ ★ ★	Above Average
<input type="checkbox"/>	★ ★ ★	Average
<input type="checkbox"/>	★ ★	Below Average
<input type="checkbox"/>	★	Poor

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

Comments: \_\_\_\_\_

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