

## Tiki Treehouse ASSEMBLY MANUAL

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# Tiki Treehouse

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## Thank you for choosing **Playnation Play Systems®** for your new backyard playground!

We've included everything you need except tools, to build your very own professional looking playset. When complete, your new playset should far exceed the quality of playset 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 playset that doesn't compromise quality for simplicity. Yet you'll appreciate how quick and easy construction really is! Our playset kits are designed for children ages 3 to 12. **Playnation Play Systems®** believes every child should have a playset and with our kits they can! You can rest assured your new playset 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 playset 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.

### Quality Lumber

At Playnation Play Systems, we use only the finest, hand selected lumber available. Whether you choose a playset made from our Premium Preserved Pine, our Beautiful California Redwood or our Western Red Cedar, you can be assured that our lumber is strong, durable, and conforms to the national standards for use in children's play equipment. It's this quality that allows us to offer a 10 year warranty on the lumber used in our play sets.

### California Redwood and Western Red Cedar\*

Our Beautiful California Redwood and Western Red Cedar play sets are a natural alternative to preserved lumber. California Redwood naturally resists decay caused by the environment or by insect infestation while Western Red Cedar is a preferred wood for purposes where an attractive appearance and resistance to weather is important. All California Redwood and Western Red Cedar Playnation Play Systems receive a factory stain and sealant process. To maintain this aesthetic appeal, it is recommended that you seal your redwood and cedar play set once per year.

\*Playnation reserves the right to substitute Western Red Cedar with other species of similar characteristics due to market availability.

## Limited Manufacturers Warranty

**Playnation Play Systems®** ("Playnation") warrants this product to be free from defects in workmanship and materials, under normal use and conditions, for a period of 10 years for structural wood components and one year for all other components (i.e., hardware, plastics, tarps, rope ladder, etc.). 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.

**Playnation Play Systems®** 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 upon delivery of the defective part to **Playnation Play Systems®** at 190 Etowah Industrial Court, Canton, Georgia 30114. Any part(s) returned to **Playnation Play Systems®** must include proof and date of purchase.

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 put to commercial or institutional use. This warranty does not cover (a) products which have been damaged by negligence, natural disasters, or accident by improper use, or which 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.

This warranty is valid only in the United States of America, is non-transferable and does not extend to the owners of the product subsequent to the original purchaser. **Playnation Play Systems®** 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 Play Systems®** will not be liable for any incidental or consequential damages. 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 that 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 playset.

As with any home project, good judgment and respect for power tools will greatly reduce the risk of injury. **Playnation Play Systems®** 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 playset 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 Play Systems®** shall not be liable for incidental, indirect or consequential damages or injuries that result from the building and/or playing on our playsets. Adult supervision is recommended anytime a playset is being used.

## **Safety and Maintenance Tips for Your New Play Set:**

- It is recommended that on site adult supervision for children of all ages be present while playground equipment is in use.
- Please restrict children from walking close to, in front of, behind or between moving items.
- Restrict children from twisting swing chains or ropes since this may reduce the strength of these items.
- Warn children to avoid swinging empty seats.
- Teach children to sit with their full weight on the center of the swing seat.
- Teach children to use the playground equipment in the intended manner.
- Teach children not to get off play equipment while still in motion.
- Parents should make sure children are dressed appropriately. For example: wear well fitting clothing, shoes, avoid ponchos, and scarves or any loose fitting clothing, which may be potentially hazardous while using the playground equipment.
- Restrict children from climbing on playground equipment when wet.
- Check all nuts and bolts twice monthly during the usage season for tightness. Tighten as required. It is particularly important to check & tighten bolts at the beginning of each season.
- Check swings, chains, and slides for cracks or deterioration. Replacement should be made at first sign of deterioration.

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: (see list, following page)

- Hardware that is loose, worn or that has protrusions or projections
- Exposed equipment footings
- Scattered debris, litter, rocks, or tree roots
- Rust and chipped paint on metal components
- Splinters, large crack, 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

## 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*.

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

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

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

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

FALL HEIGHT IN FEET FROM WHICH A SERIOUS INJURY WOULD NOT BE EXPECTED			
Type of material	6" Depth	9" Depth	12" Depth
<i>Double shredded bark mulch</i>	6'	10'	11'
<i>Wood chips</i>	6'	7'	12'
<i>Fine sand</i>	5'	5'	9'
<i>Fine gravel</i>	6'	7'	10'

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.

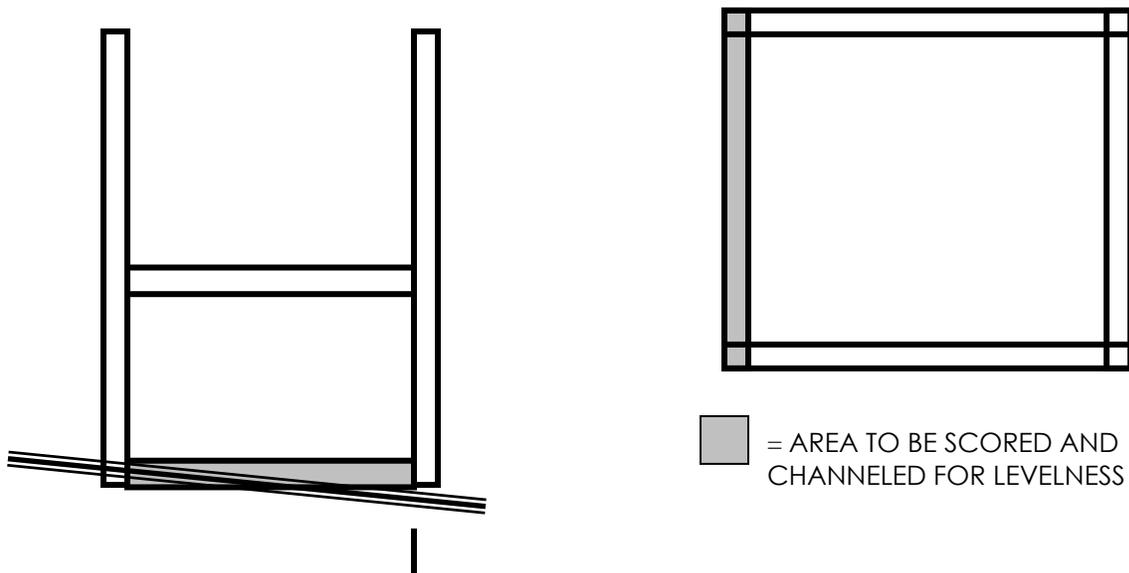
Swings should have a fall zone extending a minimum of 6' from the outer edge of the support structure on each side. The fall zone in front and back of the swing should extend out a minimum distance of twice the height of the swing as measured from the ground to the top of the swing support structure.

## LEVELING YOUR FORT DURING ASSEMBLY

- Complete steps 1-11 which will be the basic frame of the fort {i.e. four center 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.

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

*Example play area:*



## **IMPORTANT – PLEASE READ**

Your play system will have a safety guidelines decal attached during manufacturing. If this is not present or legible, please call our Customer Service department at: (800) 661-7295 for a replacement.

### **SAFETY GUIDELINES**

1. FOR RESIDENTIAL USE ONLY.
2. ADULT SUPERVISION IS REQUIRED.
3. ALWAYS MAINTAIN A SOFT SURFACE MATERIAL UNDER THE PLAY SET FOR FALL PROTECTION.
4. A SIX (6) FOOT PERIMETER IS RECOMMENDED AROUND YOUR PLAY SET.
5. TIGHTEN HARDWARE REGULARLY.
6. INSPECT PLAY SET REGULARLY FOR WORN OR BROKEN PARTS.
7. PREVENT CHILDREN FROM RUNNING IN FRONT OF MOVING SWINGS.
8. THIS PRODUCT IS INTENDED FOR USE BY CHILDREN FROM AGES 3 TO 12.
9. PLEASE REFER TO OWNERS MANUAL FOR COMPLETE SAFETY GUIDELINES AND MAINTENANCE.

# Tiki Treehouse

## KIT CONTENTS

### COMPONENTS

<b>Description</b> <i>(Swings, Slides, Accessories)</i>	<b>Qty</b>	<b>Check List</b>
Swingbelts w/ Chains	2	_____
Trapeze Bar	2	_____
Cargo Net Assembly	1	_____
10ft. Wave Slide	1	_____
Tiki Treehouse Assembly Manual	1	_____

**Description**  
*(Fort Hardware)* **see following pages**

**Description**  
*(Swing Beam Hardware)* **see following pages**

**Description**  
*(Wood Components)* **see following pages**

### REQUIRED TOOL LIST

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

1/8" Drill Bit

5/16" Drill Bit

3/8" Drill Bit

1/2" Wrench or Socket

9/16" Wrench or Socket

Level

Tape Measure

Extension Cord (if using standard drill)

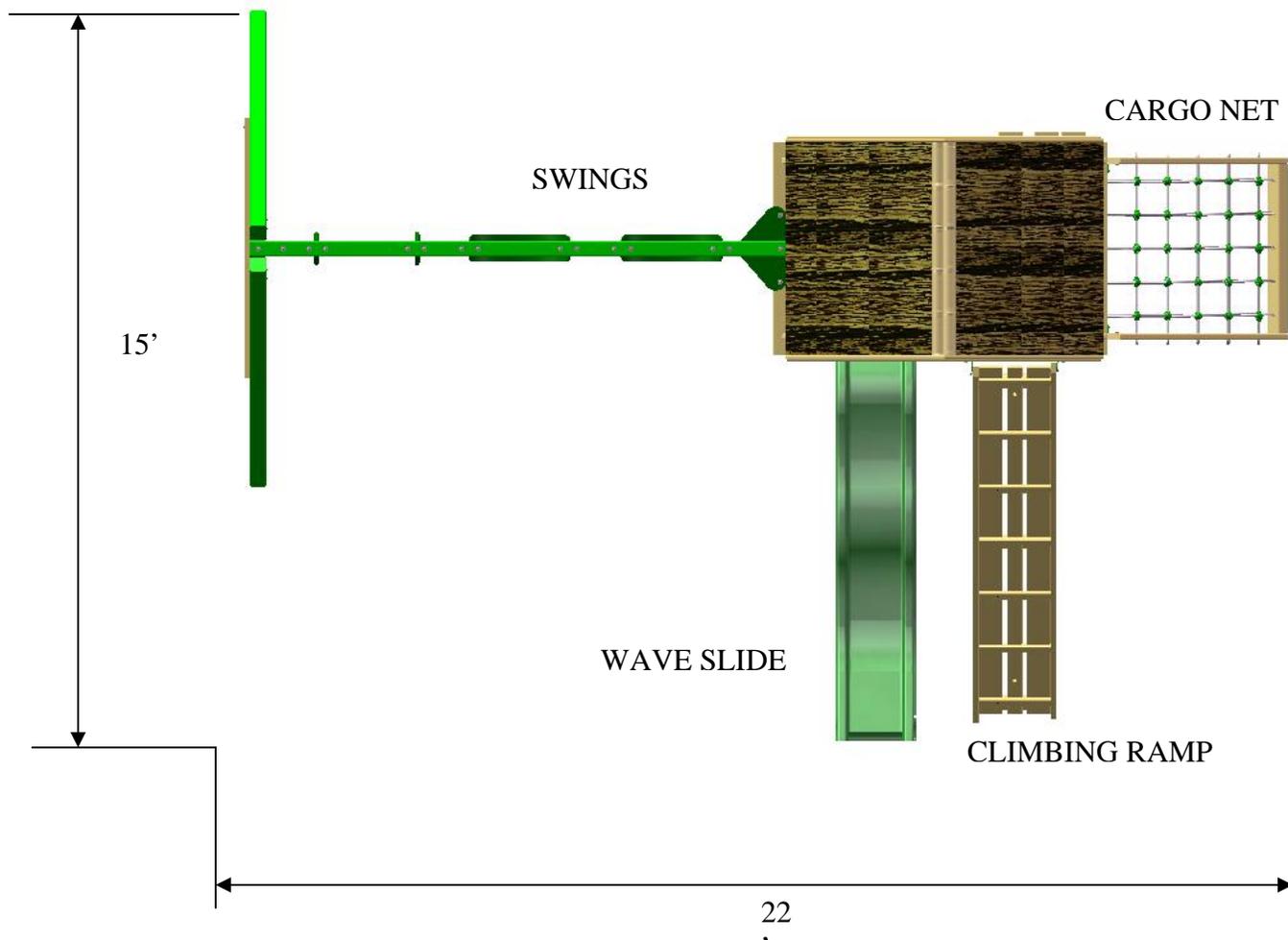
Hammer

Pencil

Vise Grips

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

## SITE PLAN:



**Playset height: 11' 6"**

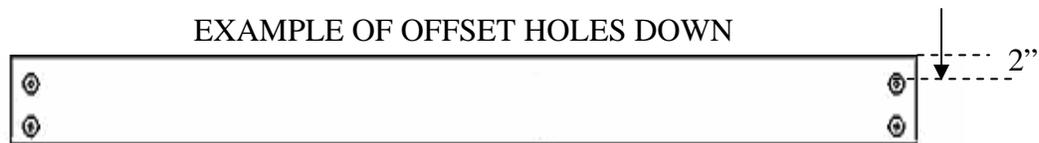
**Approximate assembly time:**

12 Hours

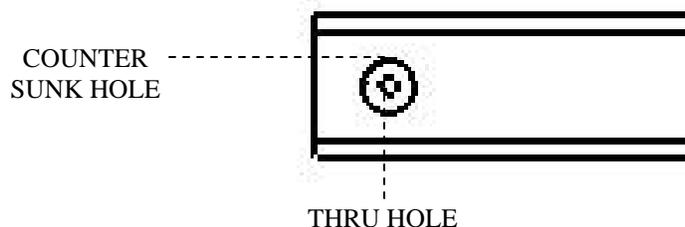
**{ 6 foot unobstructed safety perimeter around playset recommended }**

# GENERAL INFO TO REVIEW BEFORE INSTALLATION

**OFFSET HOLES-** THROUGHOUT THE INSTALLATION PROCEDURES WE WILL REFER TO PARTS WITH OFFSET HOLES. THIS REFERS TO THE ORIENTATION OF THE HOLES ON THE BOARD. AN OFFSET HOLE IS ONE THAT IS CLOSER TO ONE SIDE THAN IT IS THE OTHER OR IN OTHER WORDS, IT IS NOT CENTERED ON THE BOARD. IN THE PROCEDURES YOU WILL BE INSTRUCTED TO ATTACH THE BOARDS WITH THE HOLES OFFSET UP OR WITH THE HOLES OFFSET DOWN. THIS REFERS TO WHICH SIDE OF THE BOARD THE HOLE/HOLES SHOULD BE CLOSER TO. OFFSET HOLES UP= HOLE/HOLES WILL BE CLOSER TO THE TOP OF THE BOARD. OFFSET HOLES DOWN= HOLE/HOLES WILL BE CLOSER TO THE BOTTOM OF THE BOARD. NOTE: SOME PARTS DO NOT HAVE OFFSET HOLES, BUT INSTEAD THE HOLES ARE ON CENTER. THEREFORE THERE WILL NOT BE ANY REFERENCE TO HOW TO OFFSET THESE PARTS.



**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 IT'S SELF. WHEN USING A COUNTER-SUNK HOLE THE BOLT WILL BE INSERTED THROUGH THE THRU HOLE AND EITHER THE HEAD OF THE OF THE BOLT AND WASHER OR A NUT AND WASHER WILL OCCUPY THE COUNTER SUNK HOLE.



**LAG BOLTS-** LAG BOLTS ARE USED IN THE CONSTRUCTION OF OUR PLAYSETS TO ENHANCE THE STRUCTUAL INTEGRITY OF THE UNIT. THERE WILL NOT BE PREDRILLED HOLES IN THE POST FOR LAG BOLT INSTALLATION. LAG BOLTS ARE SELF-TAPPING, THOUGH IF YOU ARE USING A MANUAL SOCKET WRENCH IT MAY BE NECCESARY TO TAP THE HEAD OF THE LAG BOLT WITH A HAMMER TO ACTUATE. YOU SHOULD ALSO BE SURE TO TIGHTEN THE LAGS COMPLETELY. POWER TOOLS SUCH AS AN IMPACT WRENCH OR POWER DRILL SHOULD HAVE ENOUGH TORQUE TO DRIVE THE LAG BOLTS WITHOUT USING A HAMMER, BUT MAKE SURE NOT TO OVER TIGHTEN AS THIS CAN CAUSE THE BOLT THREADS TO "STRIP OUT" IN THE POST.

#8 X 1-1/4"  
WOOD SCREW  
QTY: 2



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



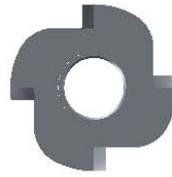
#8 X 2"  
WOOD SCREW  
QTY: 192



#8 X 2-1/2"  
WOOD SCREW  
QTY: 141



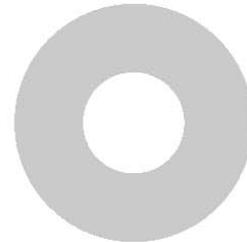
#8 X 3/4"  
PAN HEAD  
SCREW  
QTY: 32



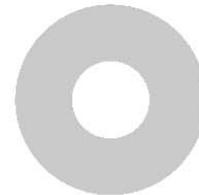
5/16" TEE NUT  
QTY: 38



3/8" LOCK NUT  
QTY: 19



1/2" WASHER  
QTY: 19



3/8" WASHER  
QTY: 31



5/16" WASHER  
QTY: 60

9

8

7

6

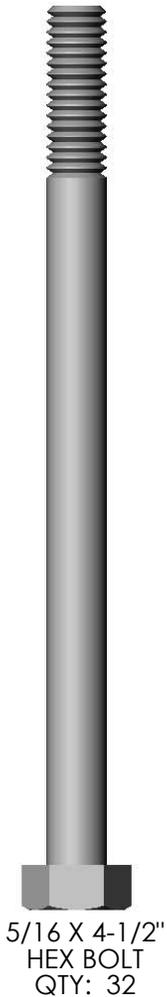
5

4

3

2

1

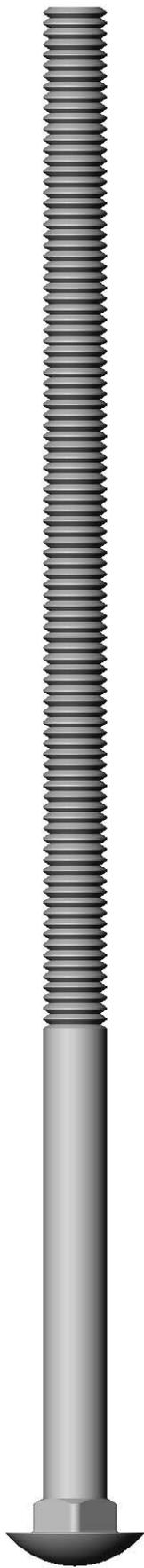


5/16 X 4-1/2"  
HEX BOLT  
QTY: 32



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

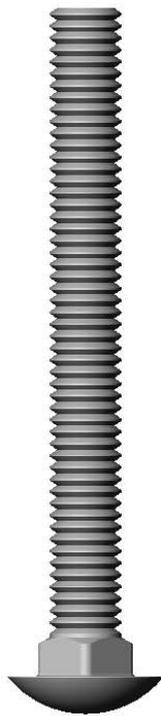
USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.



3/8 x 9"  
CARIAGE BOLT  
QTY: 1

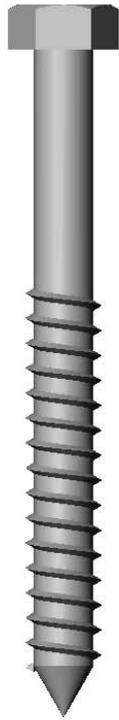


3/8 x 6-1/2"  
CARIAGE BOLT  
QTY: 16

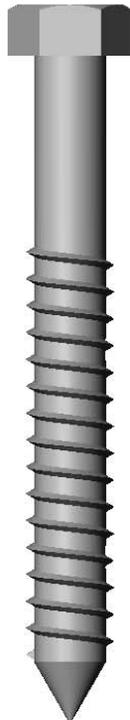


3/8 x 3-1/2"  
CARIAGE BOLT  
QTY: 2

5/16 X 3-1/2"  
HEX LAG SCREW  
QTY: 22



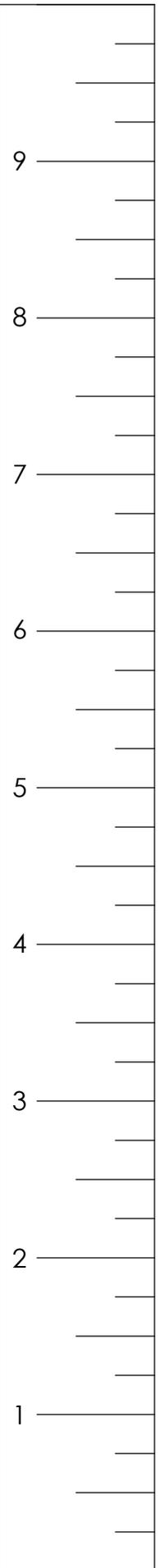
3/8 X 3-1/2"  
HEX LAG SCREW  
QTY: 12



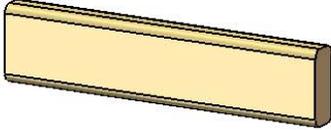
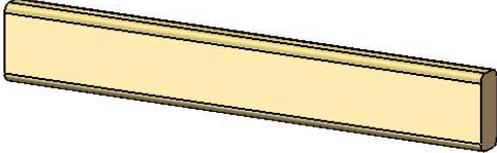
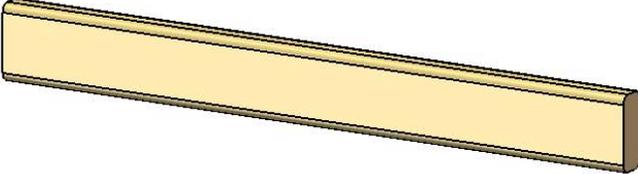
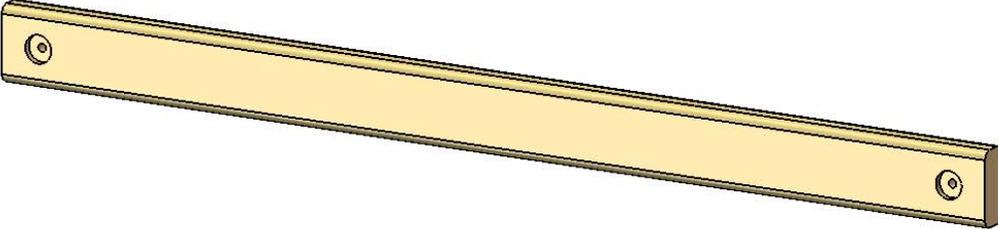
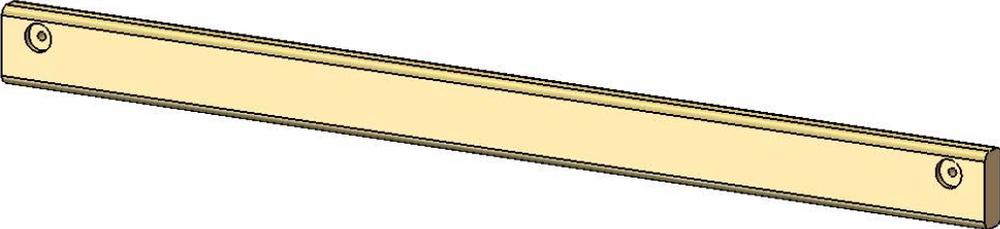
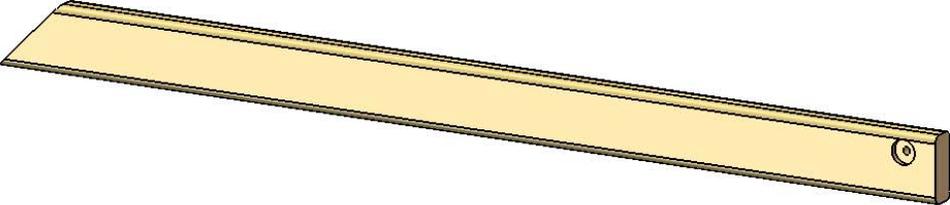
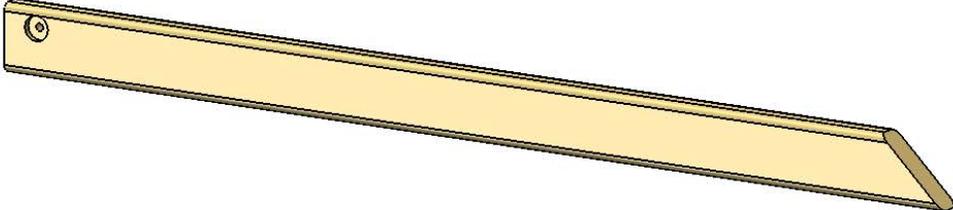
#8 SQUARE  
DRILL BIT  
QTY: 1

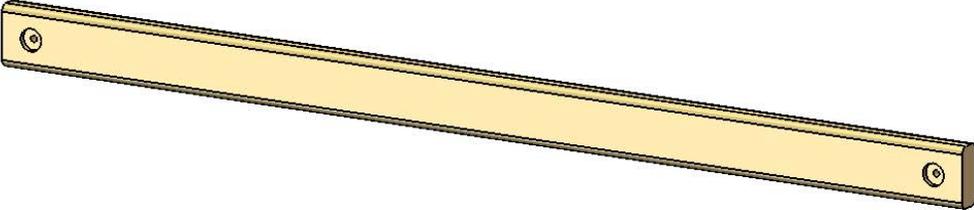
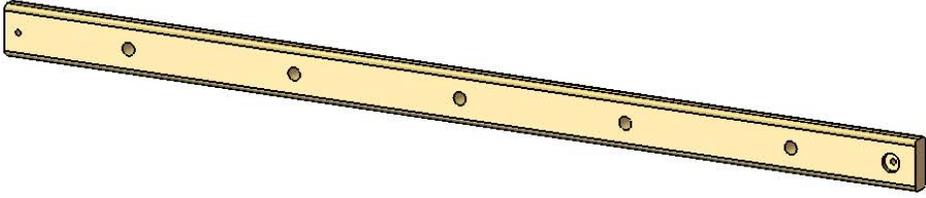
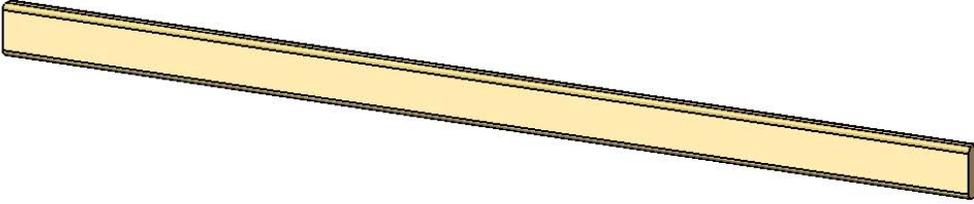
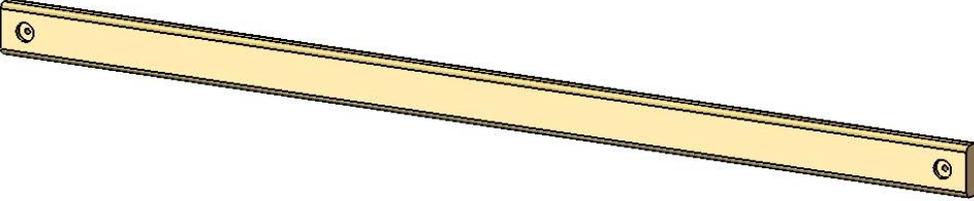
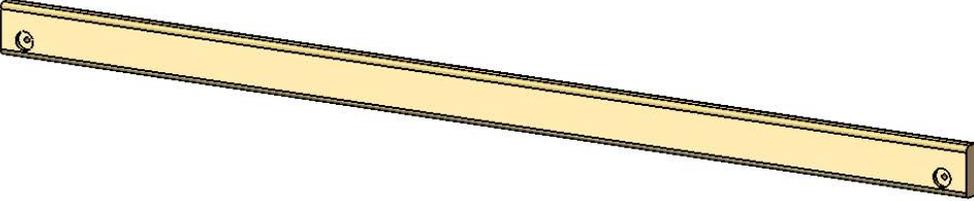
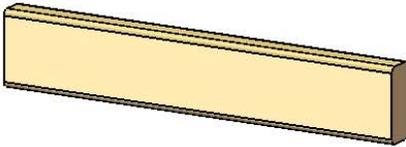
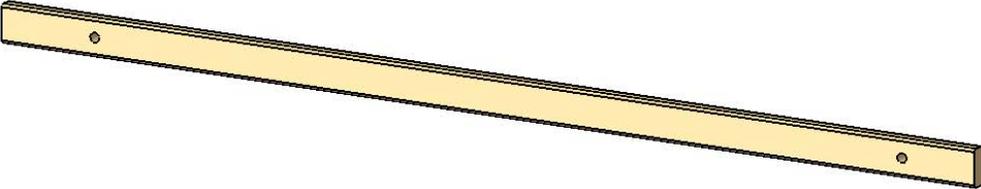


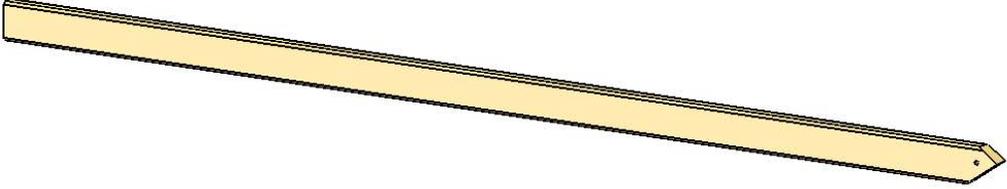
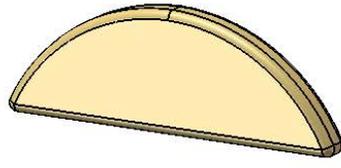
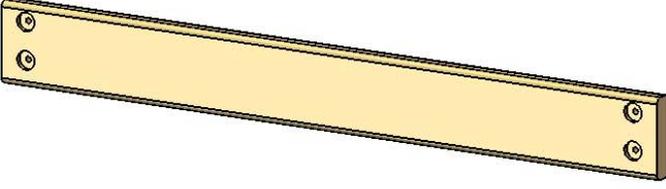
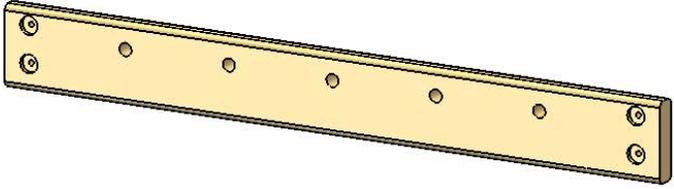
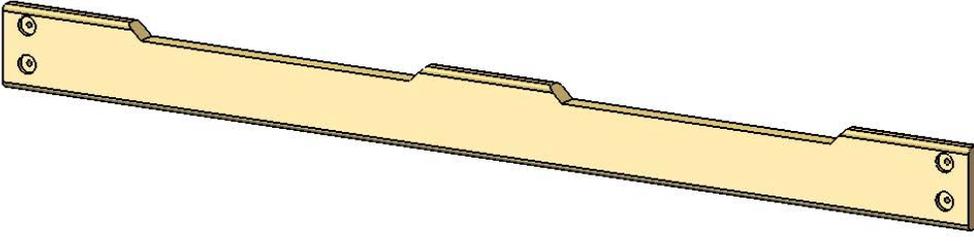
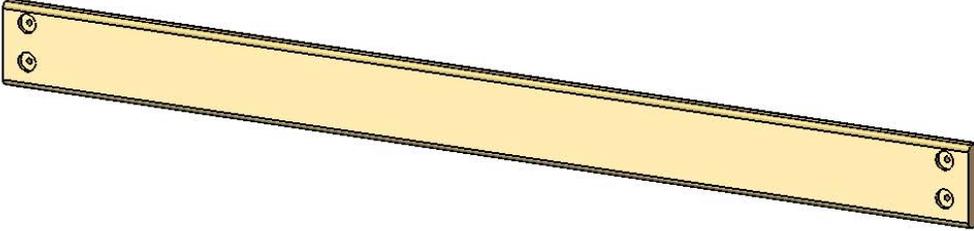
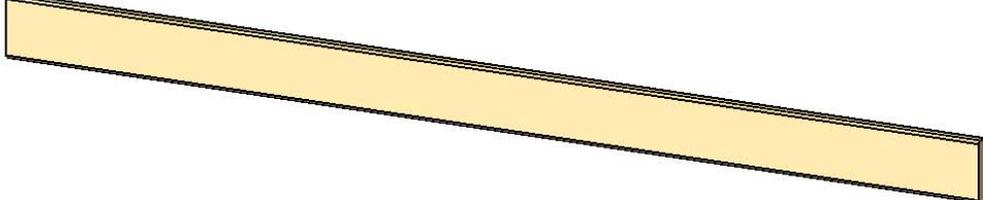
GREEN PLASTIC  
BOLT CAP  
QTY: 19

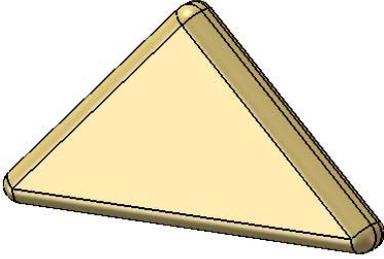
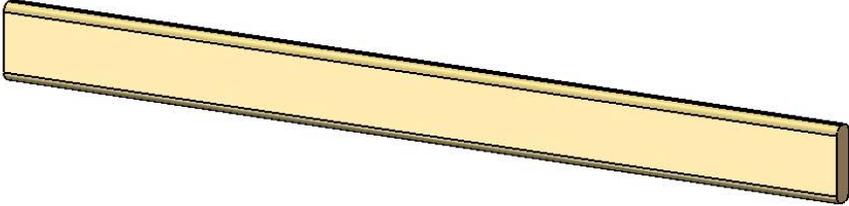
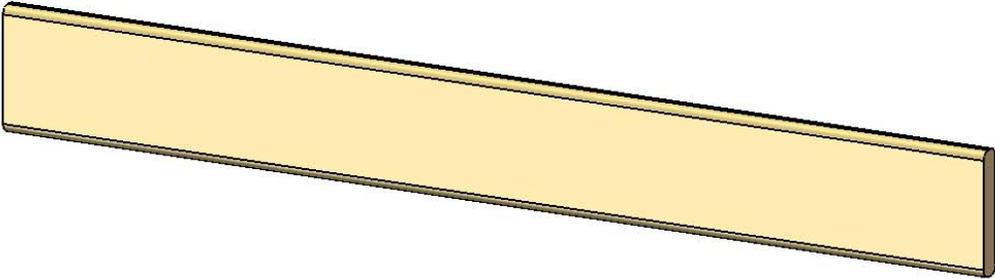
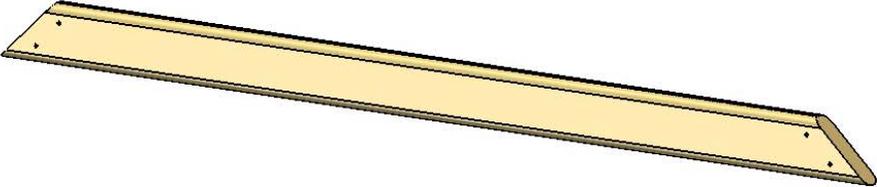
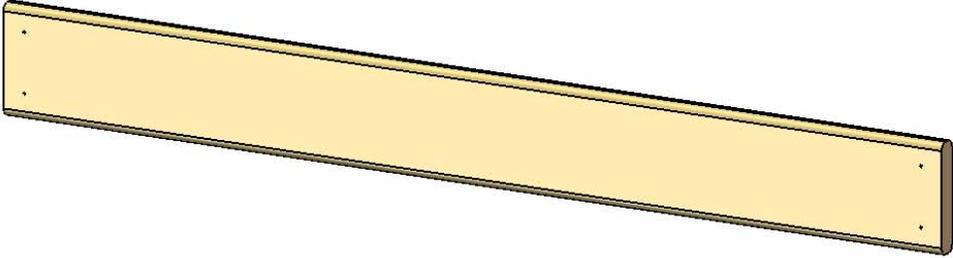
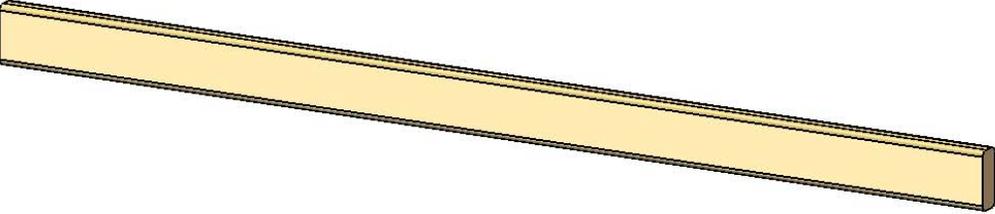
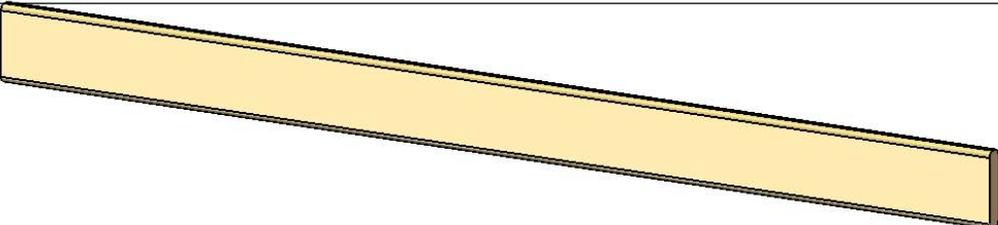


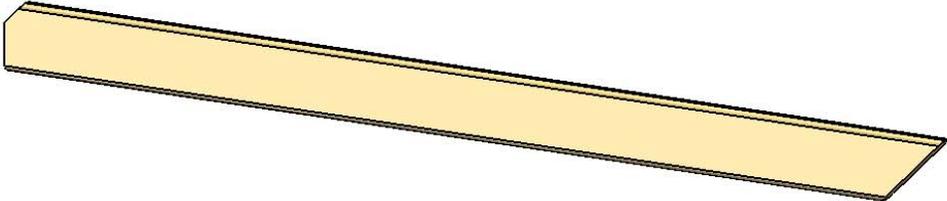
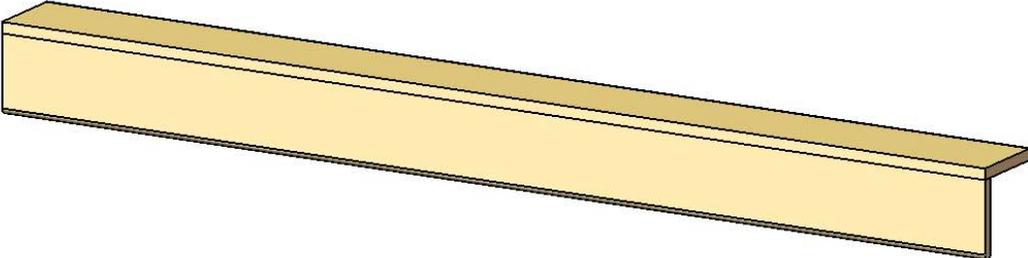
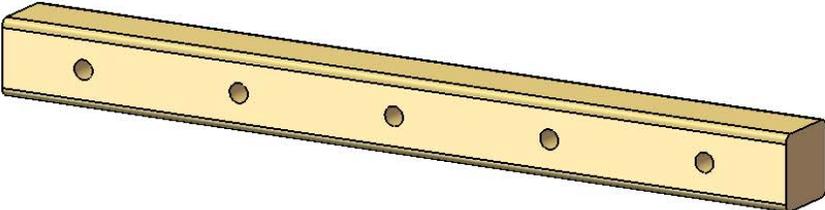
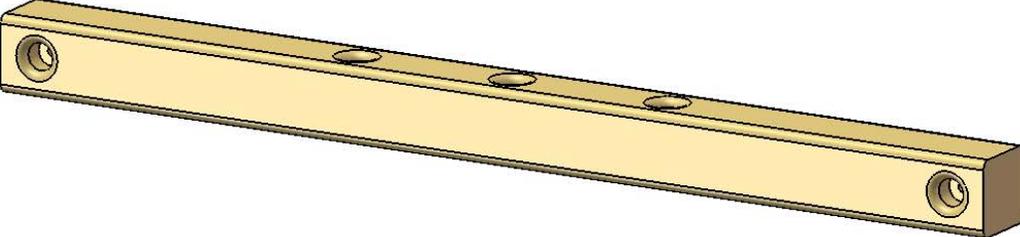
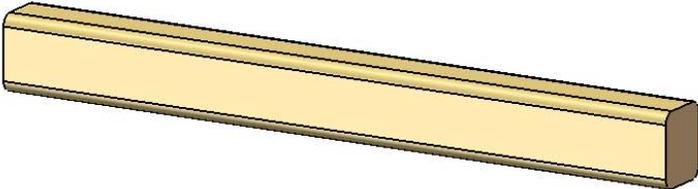
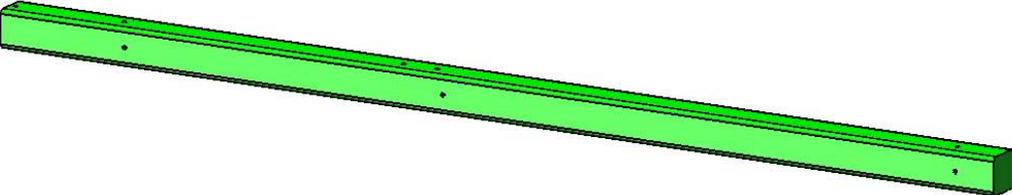
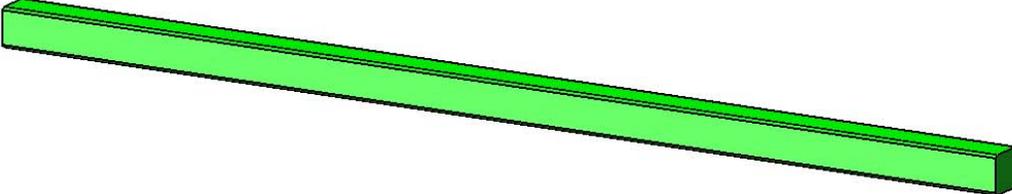
USE THE RULER TO THE RIGHT TO MEASURE YOUR BOLTS AND SCREWS. PICTURE VIEWS SHOWN ABOVE ARE 1:1 SCALE AND CAN BE USED TO MATCH BOLT AND SCREW SIZES.

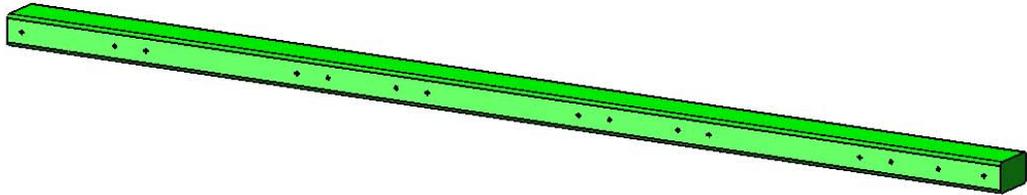
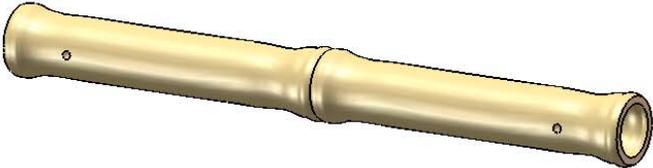
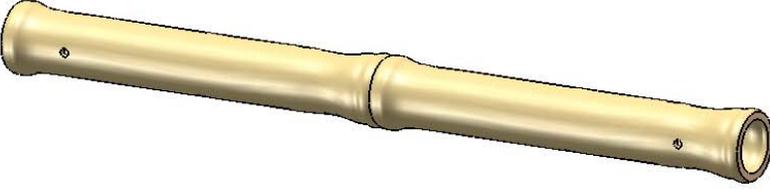
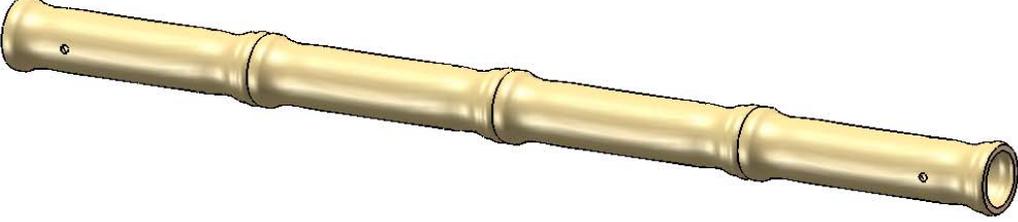
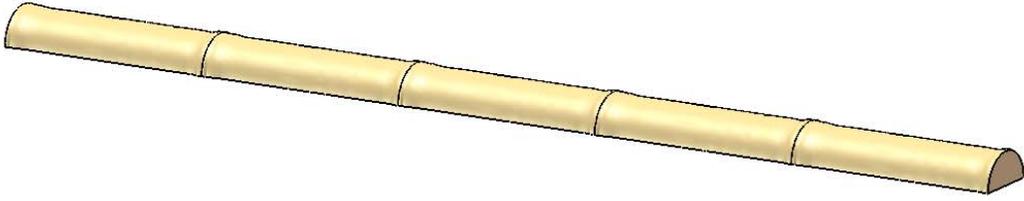
PICTURE	DESCRIPTION	QTY.
	2 X 4 X 15" PICNIC TABLE SUPPORT	2
	2 X 4 X 23" PICNIC TABLE BENCH SUPPORT	2
	2 X 4 X 30" PICNIC TABLE VERTICAL SUPPORT	2
	2 X 4 X 47 $\frac{1}{2}$ " SAFETY BOARD	1
	2 X 4 X 47 $\frac{1}{2}$ " SIDE TOP PANEL BOARD	2
	2 X 4 X 51" ROOF SUPPORT L/H	2
	2 X 4 X 51" ROOF SUPPORT R/H	2

PICTURE	DESCRIPTION	QTY.
	2 X 4 X 58" SWING BEAM CROSS-MEMBER	1
	2 X 4 X 66" CARGO NET SIDE	2
	2 X 4 X 70" CENTER DECK SUPPORT	2
	2 X 4 X 70" DECK SUPPORT	2
	2 X 4 X 70" FRONT AND REAR TOP PANEL BOARD	2
	2 X 4 X 18 <sup>3</sup> / <sub>4</sub> " RAMP SUPPORT	4
	2 X 4 X 94" RAMP FLOOR BOARD	1

PICTURE	DESCRIPTION	QTY.
	2 X 4 X 96" RAMP SIDE	2
	2 X 6 X 16" SUN	2
	2 X 6 X 47 $\frac{1}{2}$ " BOTTOM PANEL AND SANDBOX BOARD	3
	2 X 6 X 47 $\frac{1}{2}$ " BOTTOM PANEL BOARD AND CARGO NET BOARD	1
	2 X 6 X 70" FRONT FACE BOARD	1
	2 X 6 X 70" LOWER REAR PANEL AND SANDBOX BOARD	3
	2 X 6 X 94" RAMP FLOOR BOARD	2

PICTURE	DESCRIPTION	QTY.
	$\frac{5}{4}$ X 10" ROOF TOP SUPPORT	2
	$\frac{5}{4}$ X 4 X $40\frac{1}{4}$ " DECK SPACER	2
	$\frac{5}{4}$ X 6 X $47\frac{3}{8}$ " DECK BOARD	11
	$\frac{5}{4}$ X $2\frac{5}{8}$ X 42" SUN SUPPORT	2
	$\frac{5}{4}$ X 6 X 51" PICNIC TABLE TOP AND SEATS	3
	$\frac{5}{4}$ X $2\frac{5}{8}$ X $47\frac{1}{2}$ " ROOF SLAT	8
	$\frac{5}{4}$ X 4 X $47\frac{3}{4}$ " LOWER THATCH SUPPORT	4

PICTURE	DESCRIPTION	QTY.
	$\frac{5}{4}$ X 4 X 51" UPPER THATCH ROOF PANEL SUPPORT	4
	47 $\frac{1}{2}$ " ROOF PEAK	1
	4 X 4 X 39" CARGO NET SUPPORT	1
	4 X 4 X 47 $\frac{1}{2}$ " SWING BEAM SUPPORT	1
	1 $\frac{3}{4}$ X 2 X 16" RAMP FLOOR SUPPORT	7
	PLASTIC COATED 4 X 4 X 96" CORNER POST	4
	PLASTIC COATED 4 X 4 X 108" SWING LEG	2

PICTURE	DESCRIPTION	QTY.
	PLASTIC COATED 4 X 4 X 120" SWING BEAM	1
	10" BAMBOO SUNRAY	4
	12" BAMBOO SUNRAY	4
	16" BAMBOO SUNRAY	2
	47 $\frac{1}{2}$ " BAMBOO ROOF PEAK	2

COUNT AND ORGANIZE YOUR LUMBER INTO LIKE STACKS (2 X 4, 2 X 6, 4 X 4, 4 X 6, ETC.). THIS WILL HELP IN IDENTIFYING COMPONENTS AND REDUCE YOUR BUILDING TIME

PICTURE

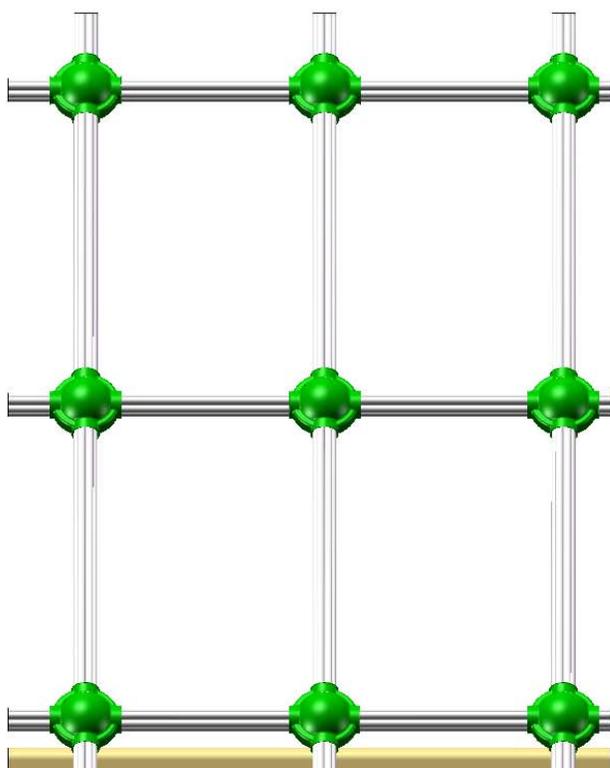
DESCRIPTION

QTY.



10' WAVE  
SLIDE

1



CARGO  
NET  
ASSEMBLY

1



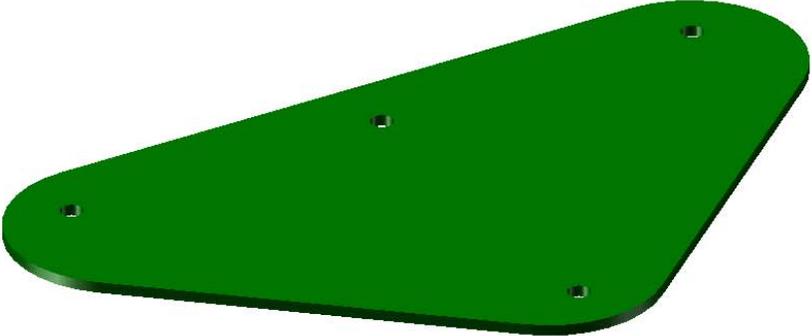
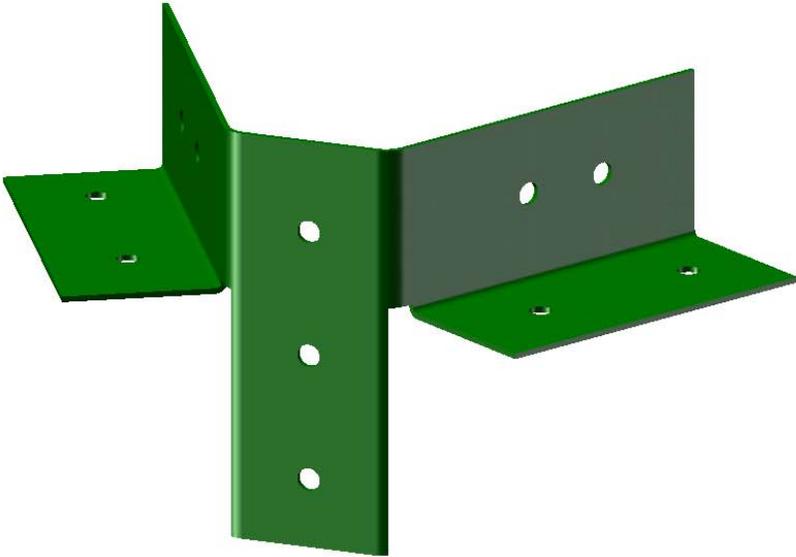
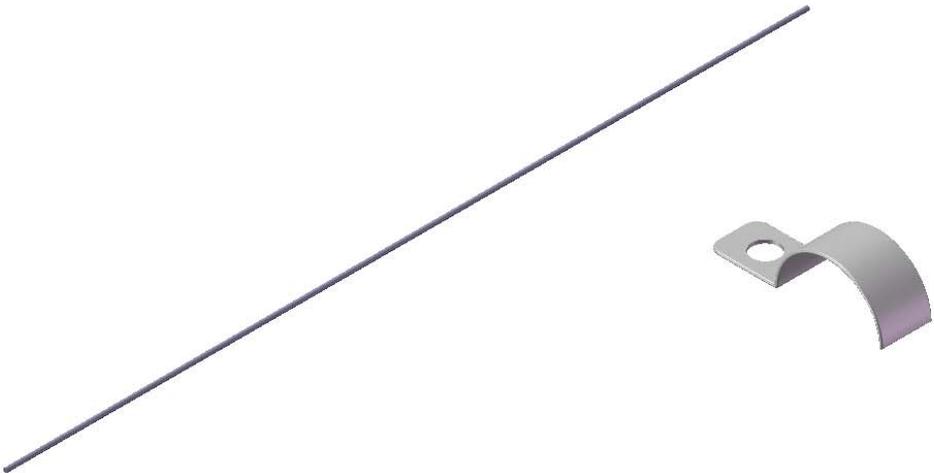
SWINGS  
W/CHAINS

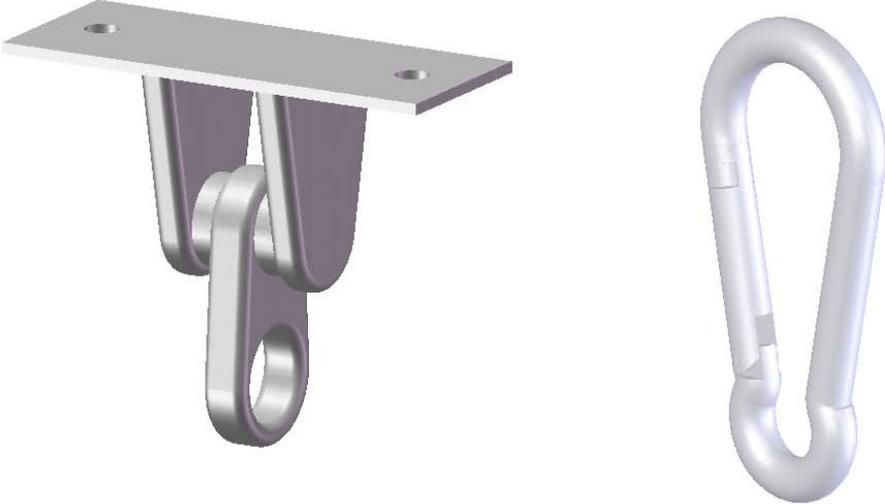
2



TRAPEZE  
BAR  
W/CHAINS

1

PICTURE	DESCRIPTION	QTY.
	<p>SWING PLATE</p>	<p>1</p>
	<p>A-FRAME SWING LEG BRACKET</p>	<p>1</p>
	<p>THATCH ROOF PANELS (NOT SHOWN)</p> <p>STEEL RODS</p> <p>THATCH ROOF CLAMPS</p>	<p>6</p> <p>6</p> <p>24</p>
<p>NOT SHOWN</p>	<p>HARDWARE BOX</p> <p>INSTRUCTIONS</p>	<p>1 EA.</p>

PICTURE	DESCRIPTION	QTY.
	<p>IRON DUCTILE SWING HANGERS</p> <p>SPRING CLIPS</p>	<p>6</p> <p>6</p>
	<p><math>1\frac{1}{2}</math>" X <math>1\frac{1}{2}</math>" GREEN BRACKET</p>	<p>4</p>
	<p>10' ROPE</p>	<p>1</p>

PICTURE

DESCRIPTION

QTY.



6" BAMBOO  
PANEL

2



10" BAMBOO  
PANEL

1



39" BAMBOO  
PANEL

1

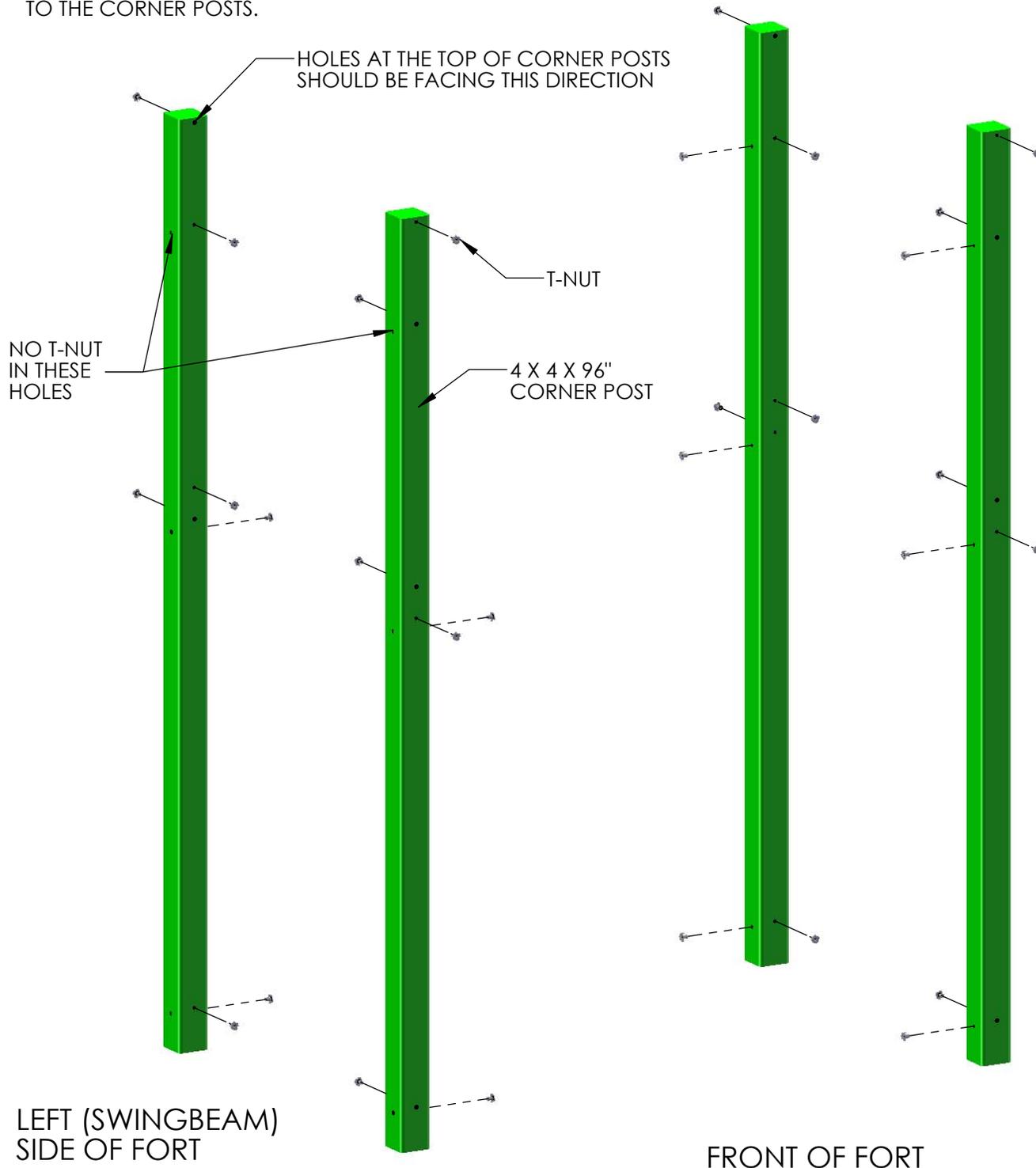


62" BAMBOO  
PANEL

1

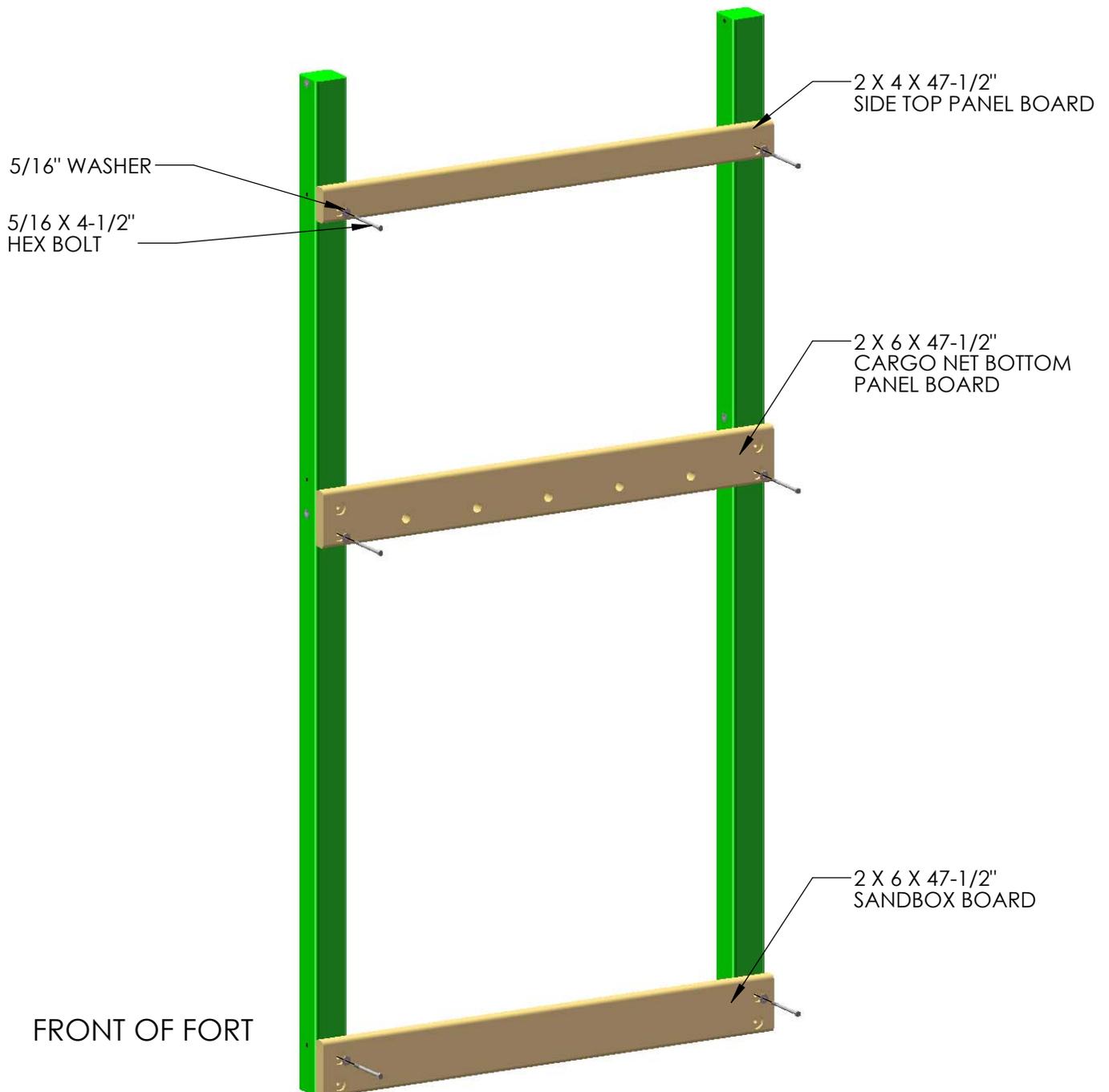
# STEP 1: ATTACHING T-NUTS TO THE CORNER POSTS

- 1: THIS STEP IS CRITICAL TO BUILDING THE FORT PROPERLY. IF ANY MISTAKES ARE MADE HERE, YOU WILL NEED TO DIS-ASSEMBLE AND THEN RE-ASSEMBLE TO MAKE YOUR CORRECTIONS.
- 2: MAKE SURE HOLES ARE FREE OF ANY OBSTRUCTIONS. USE A BOLT TO CLEAN OUT ANY DEBRIS.
- 3: LAY OUT EACH OF THE 4 X 4 X 96" CORNER POSTS IN THE AREA YOU INTEND ON BUILDING THE FORT SIDE OF THE PLAYSET.
- 4: USE THE DIAGRAM BELOW TO CORRECTLY IDENTIFY AND ORIENT THE NECESSARY DIRECTION THE POSTS SHOULD FACE.
- 5: USE A HAMMER TO SEAT THE T-NUTS AFTER INSERTING THEM INTO THE HOLES SHOWN IN THE DIAGRAM BELOW.
- 6: THE BARREL OF THE T-NUT SHOULD GO IN THE HOLE FIRST. HAMMER THE T-NUT UNTIL IT IS FLUSH/ALMOST FLUSH TO THE CORNER POSTS.



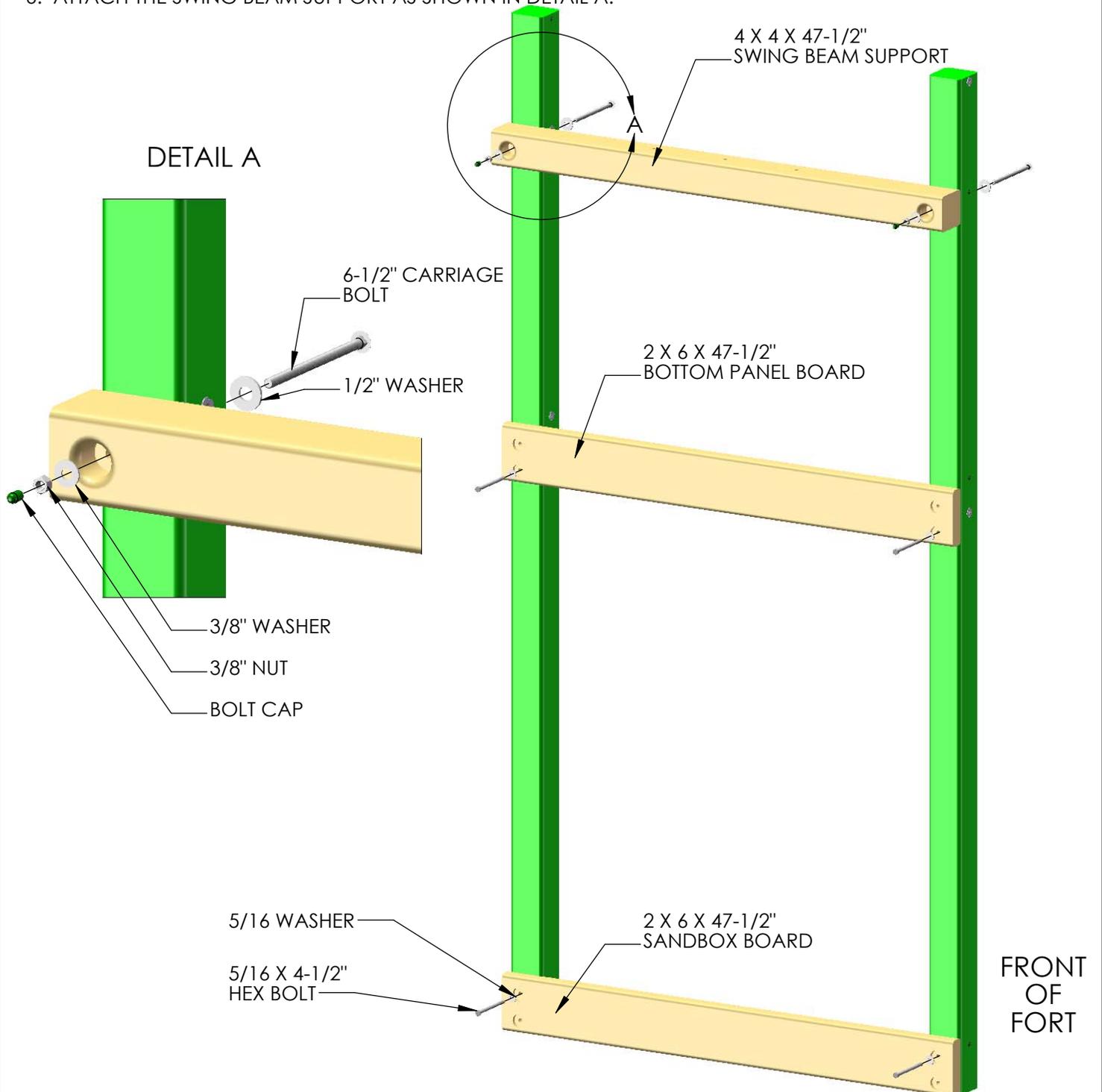
## STEP 2: ASSEMBLING THE RIGHT SIDE FRAME

- 1: LAY THE 2 X 6 X 47-1/2" SANDBOX BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS AT THE BOTTOM OF THE CORNER POSTS. THE OFFSET HOLES IN THE SANDBOX BOARD MUST FACE DOWNWARD.
- 2: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.
- 3: LAY THE 2 X 6 X 47-1/2" CARGO NET PANEL BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE OFFSET HOLES IN THE CARGO NET PANEL BOARD MUST FACE DOWNWARD.
- 4: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE BOTTOM HOLES OF THE CARGO NET PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE TOP HOLES WILL BE USED LATER.
- 5: LAY THE 2 X 4 X 47-1/2" SIDE TOP PANEL BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS. THE OFFSET HOLES IN THE TOP PANEL BOARD MUST FACE DOWNWARD.
- 6: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SIDE TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.
- 7: DO NOT INSTALL LAG SCREWS AT THIS TIME



## STEP 3: ASSEMBLING THE LEFT SIDE FRAME

- 1: LAY THE 2 X 6 X 47-1/2" SANDBOX BOARD ON TOP OF THE LEFT SIDE CORNER POSTS AT THE BOTTOM OF THE CORNER POSTS. THE OFFSET HOLES IN THE SANDBOX BOARD MUST FACE DOWNWARD.
- 2: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.
- 3: LAY THE 2 X 6 X 47-1/2" BOTTOM PANEL BOARD ON TOP OF THE LEFT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE OFFSET HOLES IN THE BOTTOM PANEL BOARD MUST FACE DOWNWARD.
- 4: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE BOTTOM HOLES OF THE BOTTOM PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE TOP HOLES WILL BE USED LATER.
- 5: LAY THE 4 X 4 X 47-1/2" SWING BEAM SUPPORT ON TOP OF THE LEFT SIDE CORNER POSTS. THE THREE COUNTER-SUNK HOLES IN THE MIDDLE OF THE SWING BEAM SUPPORT MUST FACE DOWNWARD.
- 6: ATTACH THE SWING BEAM SUPPORT AS SHOWN IN DETAIL A.

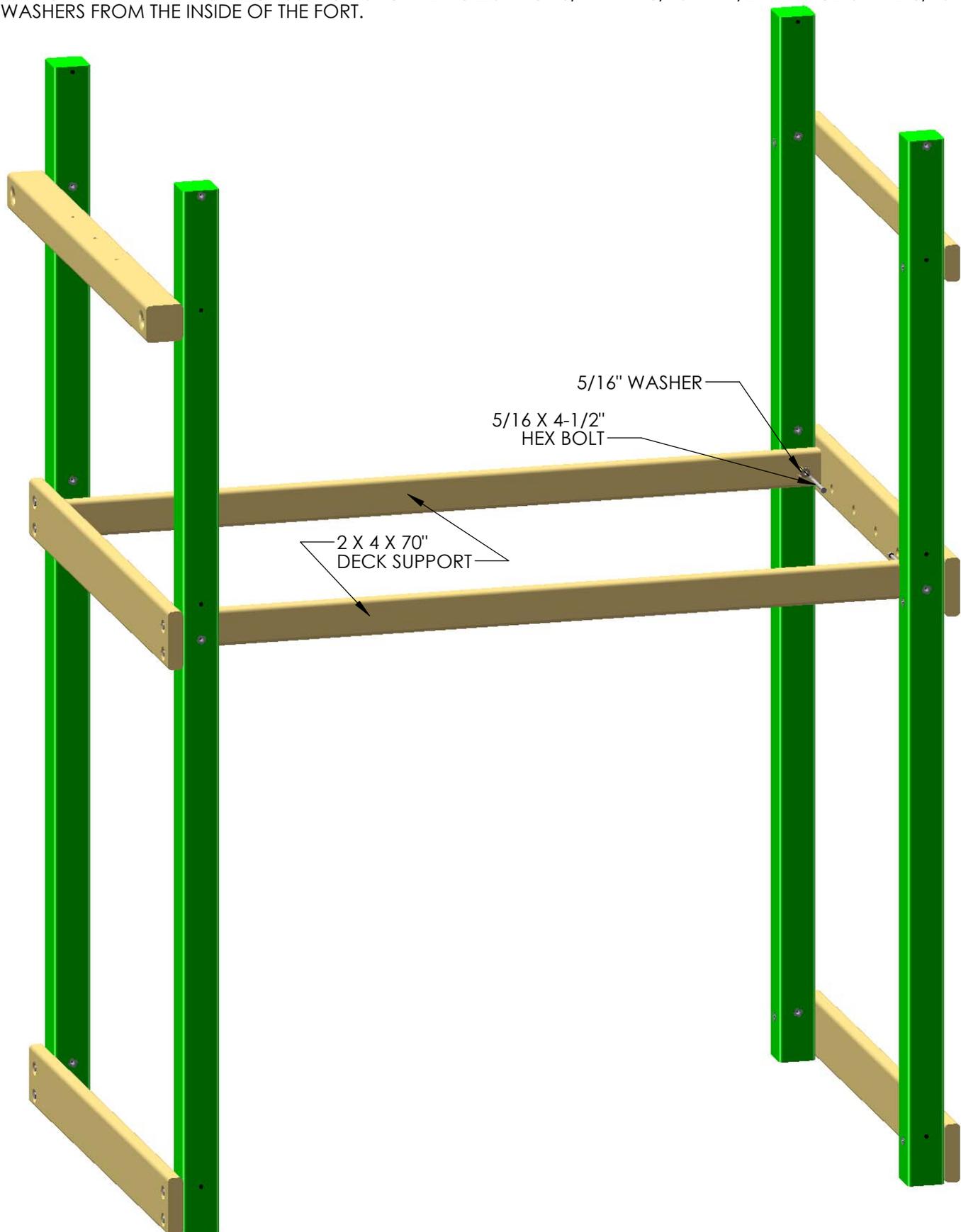


## STEP 4: DECK SUPPORTS

YOU WILL NEED AN EXTRA PERSON FOR THIS STEP.

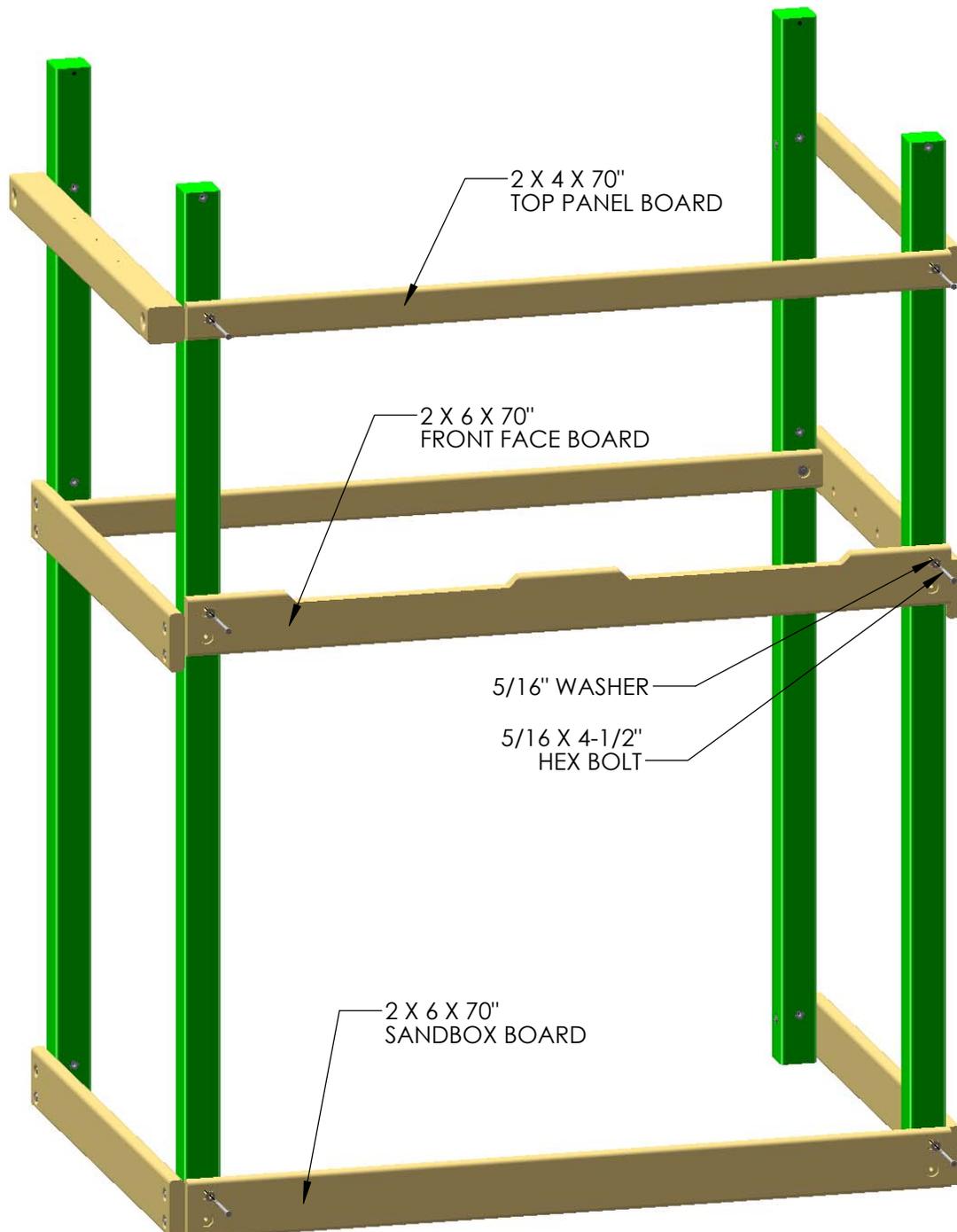
1: WITH HELP, STAND UP THE LEFT AND RIGHT SIDE ASSEMBLIES.

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



## STEP 5: FRONT FRAME ASSEMBLY

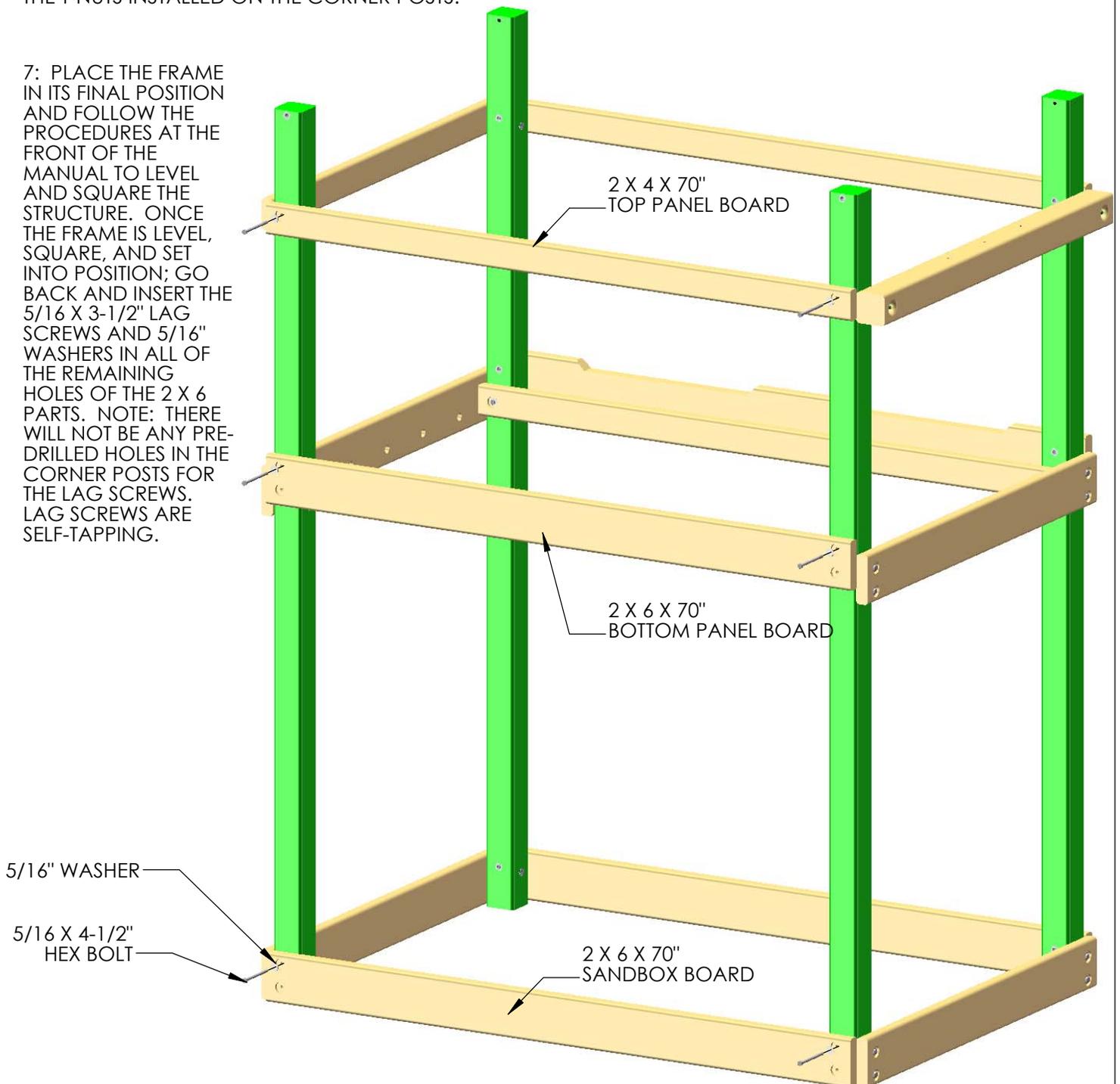
- 1: PLACE THE 2 X 6 X 70" SANDBOX BOARD ON THE FRONT OF THE CORNER POSTS. THE OFFSET HOLES IN THE SANDBOX BOARD SHOULD FACE UP.
- 2: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.
- 3: PLACE THE 2 X 6 X 70" FRONT FACE BOARD WITH NOTCHES ON THE FRONT OF THE CORNER POSTS. THE OFFSET HOLES IN THE FRONT FACE BOARD SHOULD FACE UP.
- 4: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE FRONT FACE BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.
- 5: PLACE THE 2 X 4 X 70" TOP PANEL BOARD ON THE FRONT OF THE CORNER POSTS. THE OFFSET HOLES IN THE TOP PANEL BOARD SHOULD FACE UP.
- 6: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.



## STEP 6: REAR FRAME ASSEMBLY

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

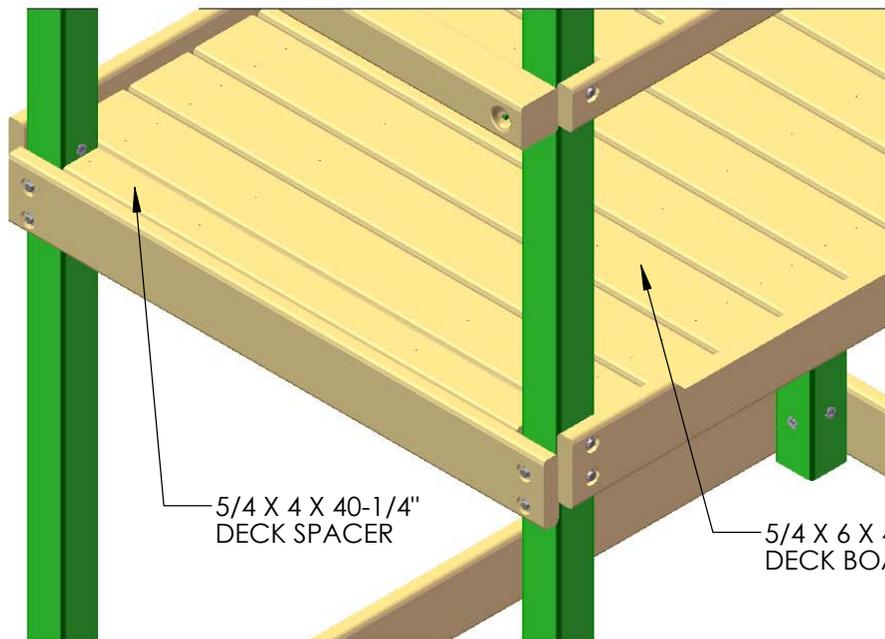
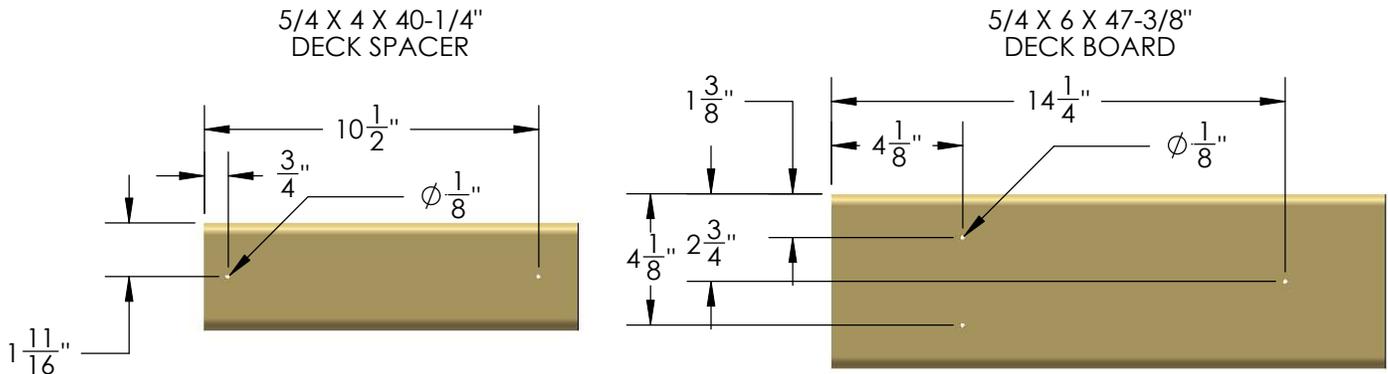
7: PLACE THE FRAME IN ITS FINAL POSITION AND FOLLOW THE PROCEDURES AT THE FRONT OF THE MANUAL TO LEVEL AND SQUARE THE STRUCTURE. ONCE THE FRAME IS LEVEL, SQUARE, AND SET INTO POSITION; GO BACK AND INSERT THE 5/16 X 3-1/2" LAG SCREWS AND 5/16" WASHERS IN ALL OF THE REMAINING HOLES OF THE 2 X 6 PARTS. NOTE: THERE WILL NOT BE ANY PRE-DRILLED HOLES IN THE CORNER POSTS FOR THE LAG SCREWS. LAG SCREWS ARE SELF-TAPPING.



# STEP 7: DECK BOARDS

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

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



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

3: NEXT YOU WILL INSTALL THE 5/4 X 6 X 47-3/8" DECK BOARDS. LEAVE A UNIFORM (APPROX. 1/4") SPACE BETWEEN THE DECK BOARDS. INSTALL WITH 2" WOOD SCREWS

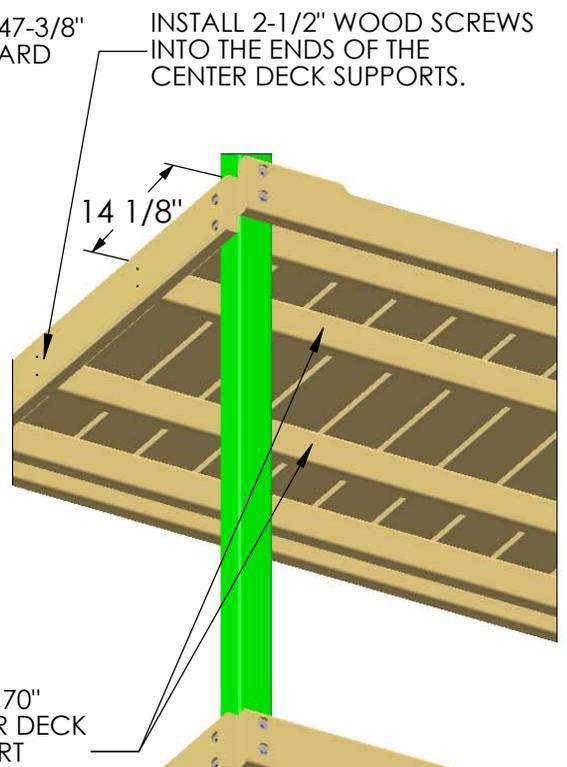
4: FIND THE 2 X 4 X 70" CENTER DECK SUPPORTS WITHOUT HOLES.

5: FROM THE UNDERSIDE OF THE DECK THAT WAS INSTALLED, SPACE THE TWO CENTER DECK SUPPORTS AT 14-1/4" FROM THE END OF THE 2 X 6 AND MAKE A MARK ON THE OUTSIDE OF THE FORT TO REPRESENT A CENTER LINE.

6: CENTER THE 2 X 4 X 70" CENTER DECK SUPPORT ON THESE MARKS AND PUSH THE CENTER DECK SUPPORTS FLUSH TO THE BOTTOM SIDE OF THE DECK BOARDS.

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

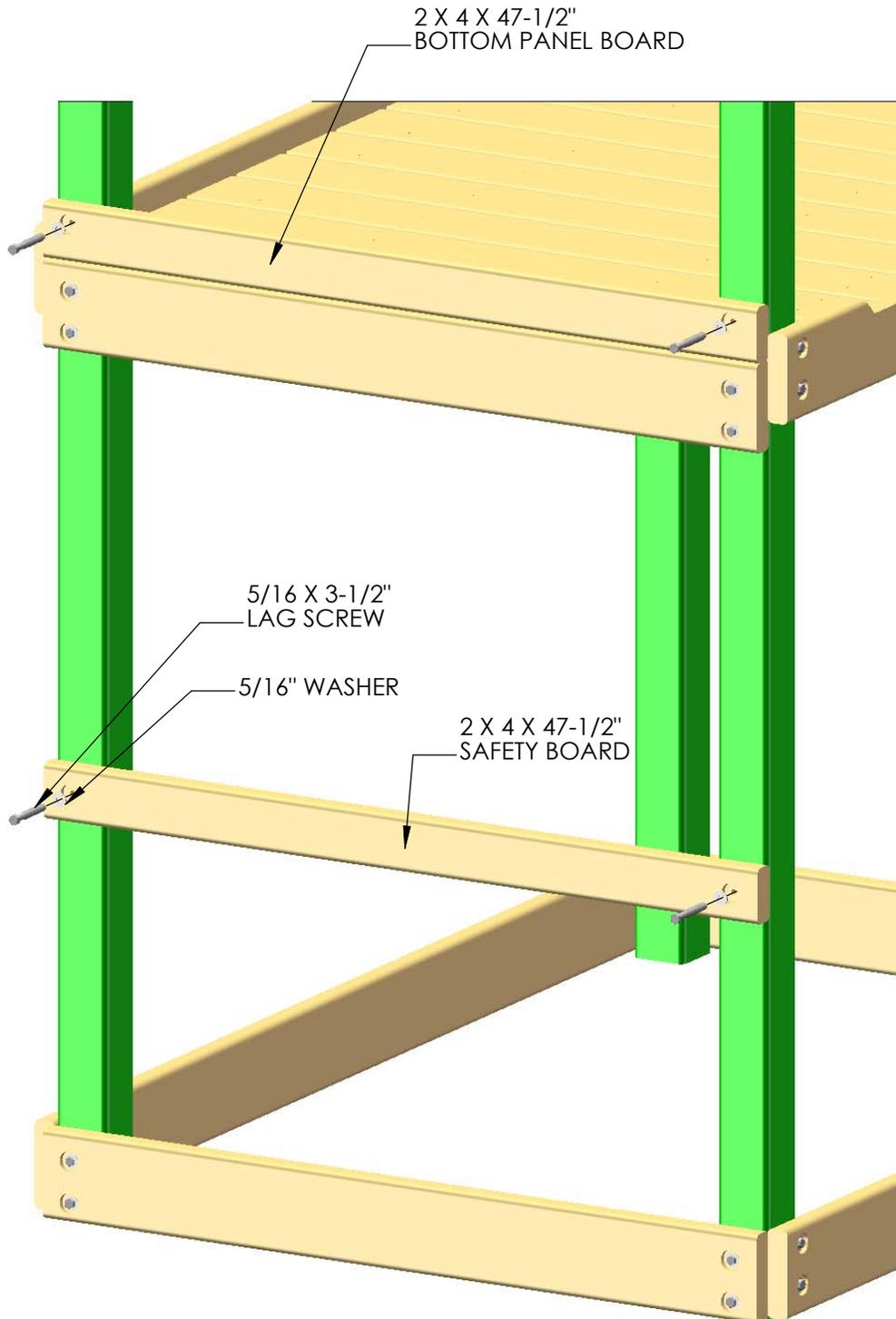
8: USE 2" WOOD SCREWS TO ATTACH THE DECK BOARDS TO THE CENTER DECK SUPPORT. INSTALL THE CENTER ROW OF SCREWS FROM THE TOP OF THE DECK BOARDS INTO THE 2 X 4 X 70" CENTER DECK SUPPORT. USE ONE SCREW PER BOARD.



## STEP 8: SAFETY BOARD AND PANEL BOARD

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

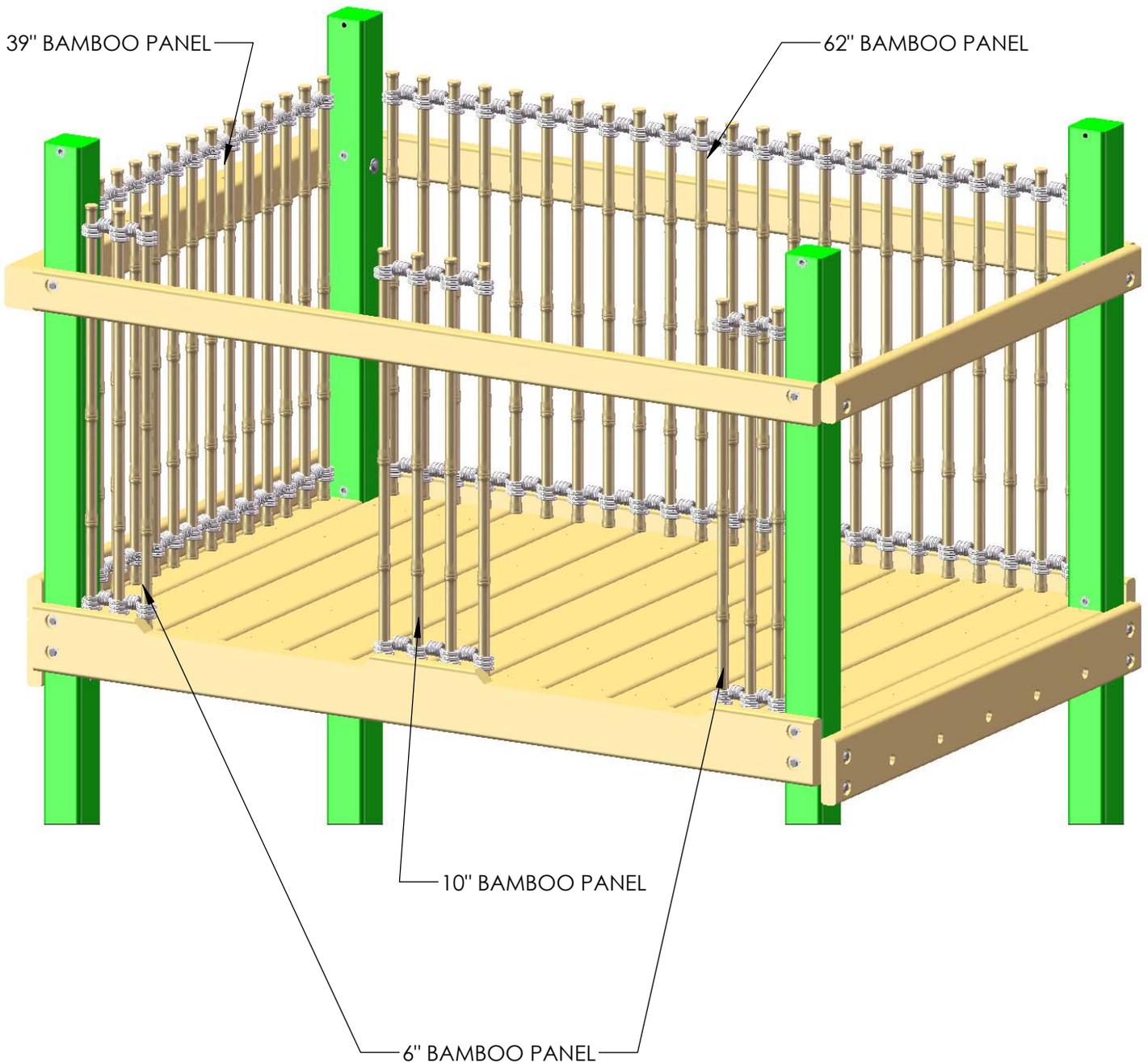
2: MEASURE 24" FROM THE BOTTOM OF THE CORNER POSTS ON THE LEFT SIDE OF THE FORT. MARK THESE POSITIONS ON THE OUTSIDE OF THE CORNER POSTS. ATTACH THE 2 X 4 X 47-1/2" SAFETY BOARD WITH HOLES ON CENTER TO THE CORNER POSTS WITH 5/16 X 3-1/2" LAG SCREWS AND 5/16" WASHERS.



## STEP 9: BAMBOO PANELS

- 1: FIND ONE 62" BAMBOO PANEL, ONE 39" BAMBOO PANEL, ONE 10" BAMBOO PANEL, AND TWO 6" BAMBOO PANELS. THE PANELS WILL BE HOLLOW ON ONE END. THIS END WILL BE THE BOTTOM. NOTE THE PRE-DRILLED HOLES ON THE PANELS; THESE WILL BE USED TO FASTEN THE PANELS TO THE UNIT.
- 2: FASTEN THE 62" BAMBOO PANEL TO THE REAR BOTTOM AND REAR TOP PANEL BOARDS WITH 2-1/2" WOOD SCREWS. DO NOT OVER TIGHTEN AS THIS WILL CAUSE THE BAMBOO TO SPLIT.
- 3: FASTEN THE 39" BAMBOO PANEL TO THE SWING BEAM SUPPORT AND BOTTOM PANEL BOARDS WITH 2-1/2" WOOD SCREWS.
- 4: FASTEN THE 10" BAMBOO PANEL TO THE CENTER OF THE FRONT FACE BOARD AND TOP PANEL BOARD WITH 2-1/2" WOOD SCREWS.
- 5: FASTEN THE TWO 6" PANELS TO THE LEFT AND RIGHT SIDE OF THE FRONT FACE BOARD AND TOP PANEL BOARD WITH 2-1/2" WOOD SCREWS.

NOTE: BECAUSE THE BAMBOO USED IN THE BAMBOO PANELS MAY BE DIFFERENT SIZES, IT MAY BE NECESSARY TO USE A 2" WOOD SCREW TO PREVENT THE SCREWS FROM COMING OUT OF THE BOARDS ON THE OPPOSITE SIDES. BEFORE PLACING EACH SCREW; MAKE SURE THAT THE WOOD SCREWS WILL NOT GO THROUGH.

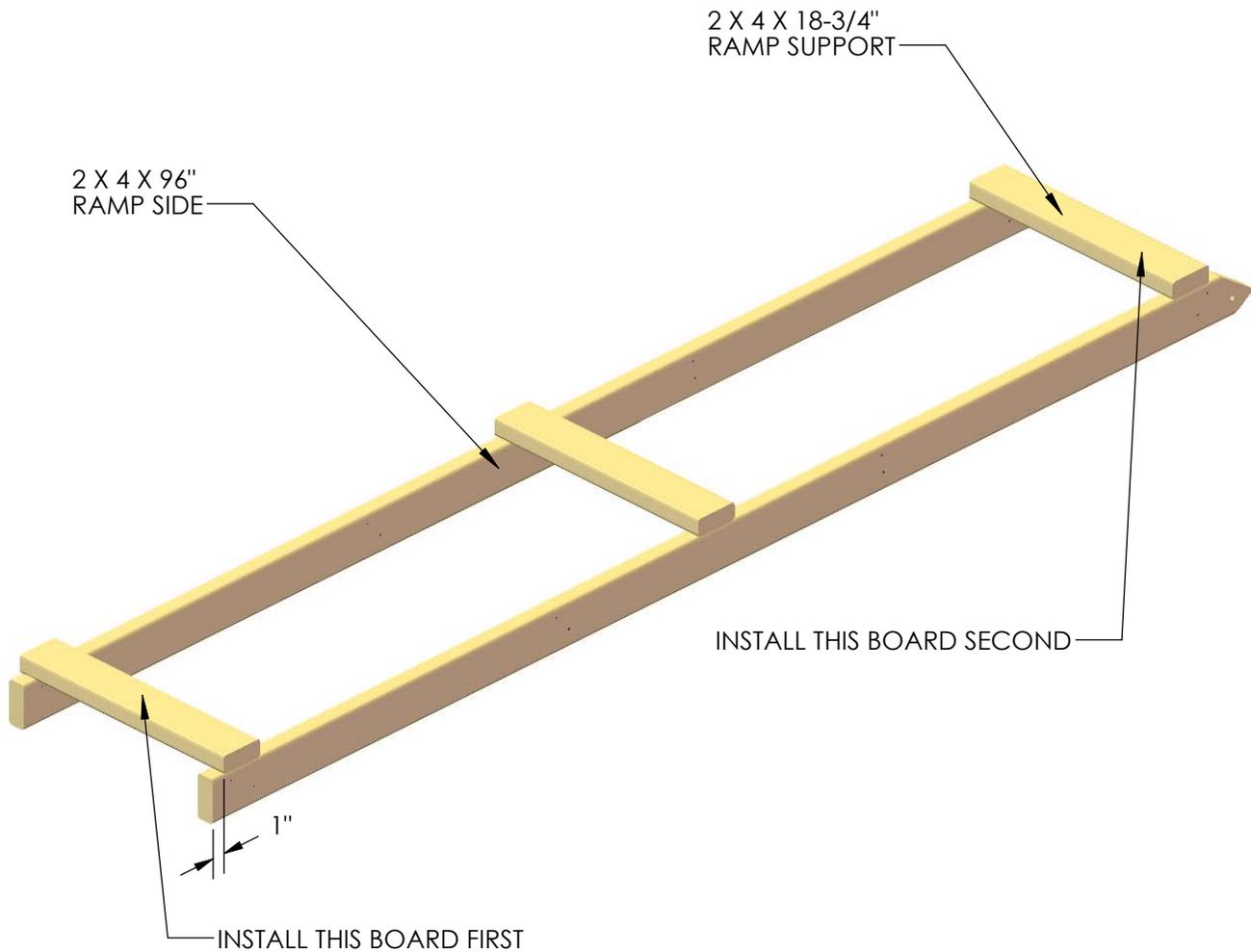


## STEP 10: CLIMBING RAMP

1: PLACE ONE 2 X 4 X 18-3/4" RAMP SUPPORT BOARD AT THE END OF THE 2 X 4 X 96" RAMP SIDE BOARDS. OFFSET THE BOARD 1" FROM THE EDGE. FASTEN THE RAMP SUPPORT BOARD TO THE RAMP SIDE BOARDS WITH TWO 2-1/2" WOOD SCREWS PER SIDE.

2: PLACE ONE 2 X 4 X 18-3/4" RAMP SUPPORT BOARD AT THE ANGLED END OF THE 2 X 4 X 96" RAMP SIDE BOARDS. OFFSET THE BOARD 1" FROM THE EDGE. FASTEN THE RAMP SUPPORT BOARD TO THE RAMP SIDE BOARDS WITH TWO 2-1/2" WOOD SCREWS PER SIDE.

3: PLACE THE REMAINING 2 X 4 X 18-3/4" RAMP SUPPORT BOARD ACROSS THE RAMP SIDE BOARDS IN THE MIDDLE, AND FASTEN WITH TWO 2-1/2" WOOD SCREWS PER SIDE

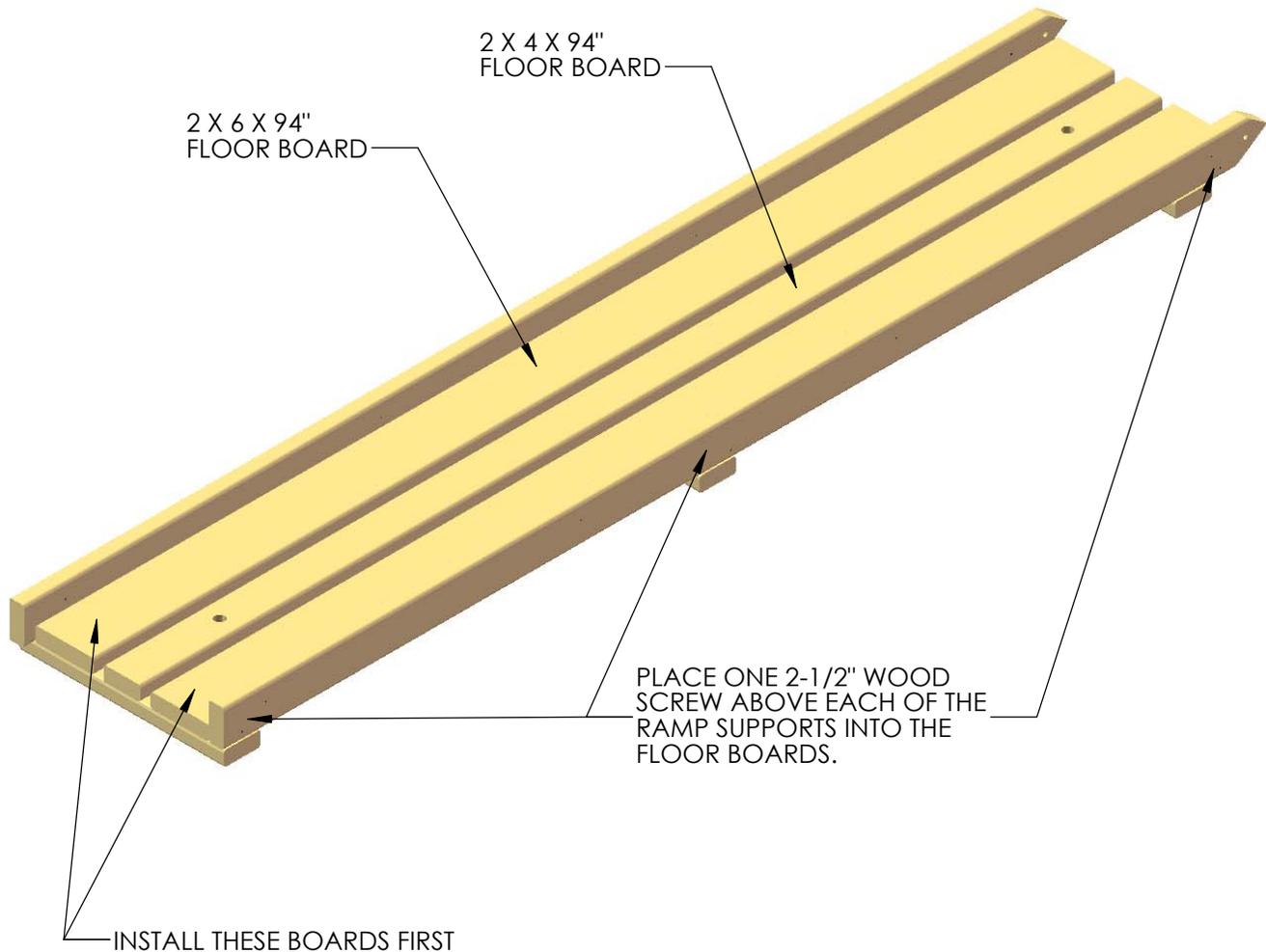


## STEP 11: CLIMBING RAMP

1: PLACE ONE 2 X 6 X 94" FLOOR BOARD AGAINST EACH OF THE RAMP SIDE BOARDS. FASTEN THE FLOOR BOARDS TO THE RAMP SUPPORT BOARDS WITH TWO 2-1/2" WOOD SCREWS PER SUPPORT.

2: PLACE THE 2 X 4 X 94" FLOOR BOARD ON THE CENTER OF THE RAMP. THE HOLE AT 7" SHOULD BE TOWARDS THE ANGLED END OF THE RAMP. FASTEN THE FLOOR BOARD TO THE RAMP SUPPORT BOARDS WITH TWO 2-1/2" WOOD SCREWS PER SUPPORT.

3: PLACE ONE 2-1/2" WOOD SCREW ABOVE EACH OF THE RAMP SUPPORTS INTO THE FLOOR BOARDS.

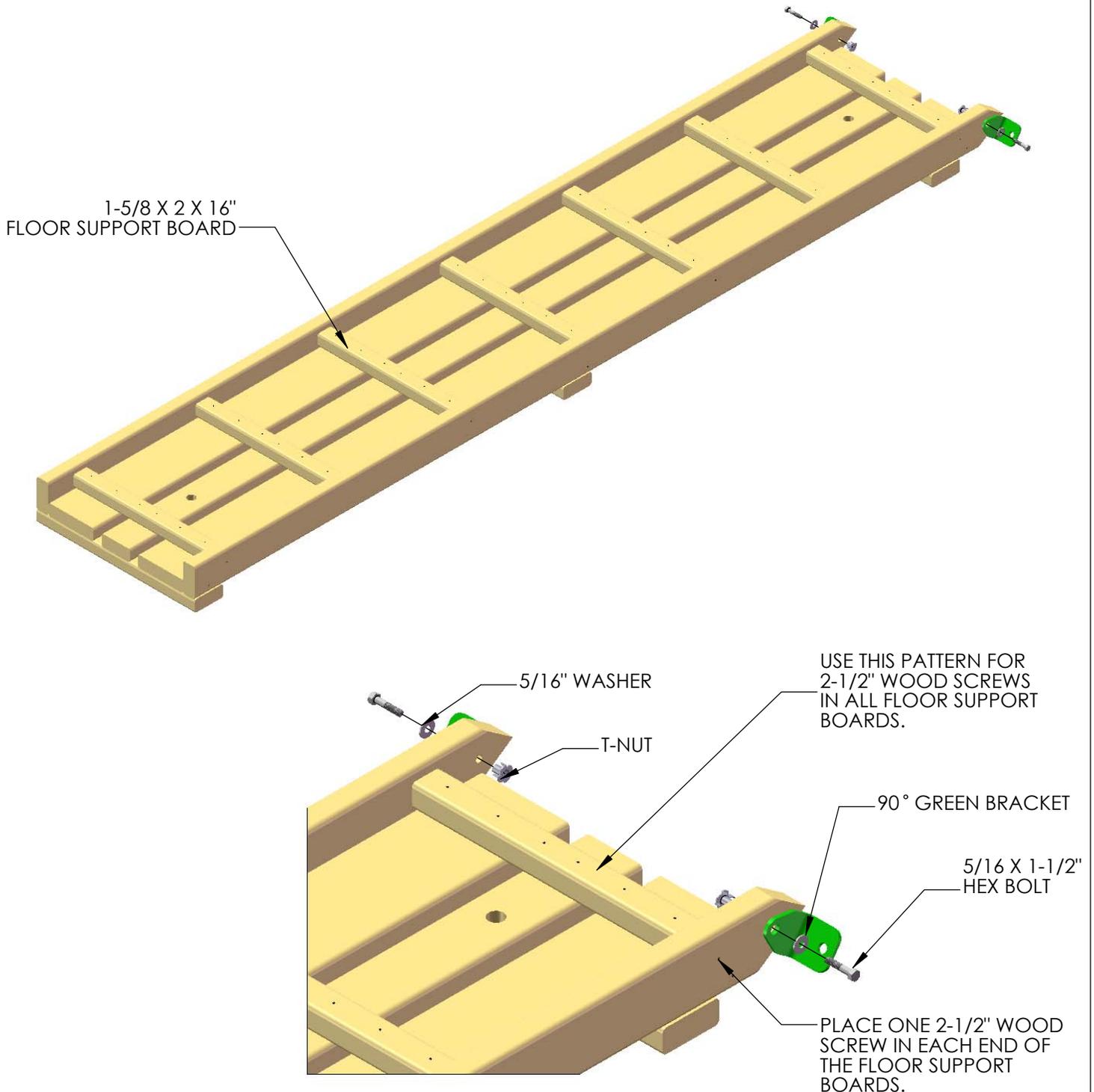


## STEP 12: CLIMBING RAMP

1: ATTACH THE 1-5/8 X 2 X 16" FLOOR SUPPORT BOARDS TO THE FLOOR BOARDS WITH 2-1/2" WOOD SCREWS. (SEE DETAIL VIEW BELOW)

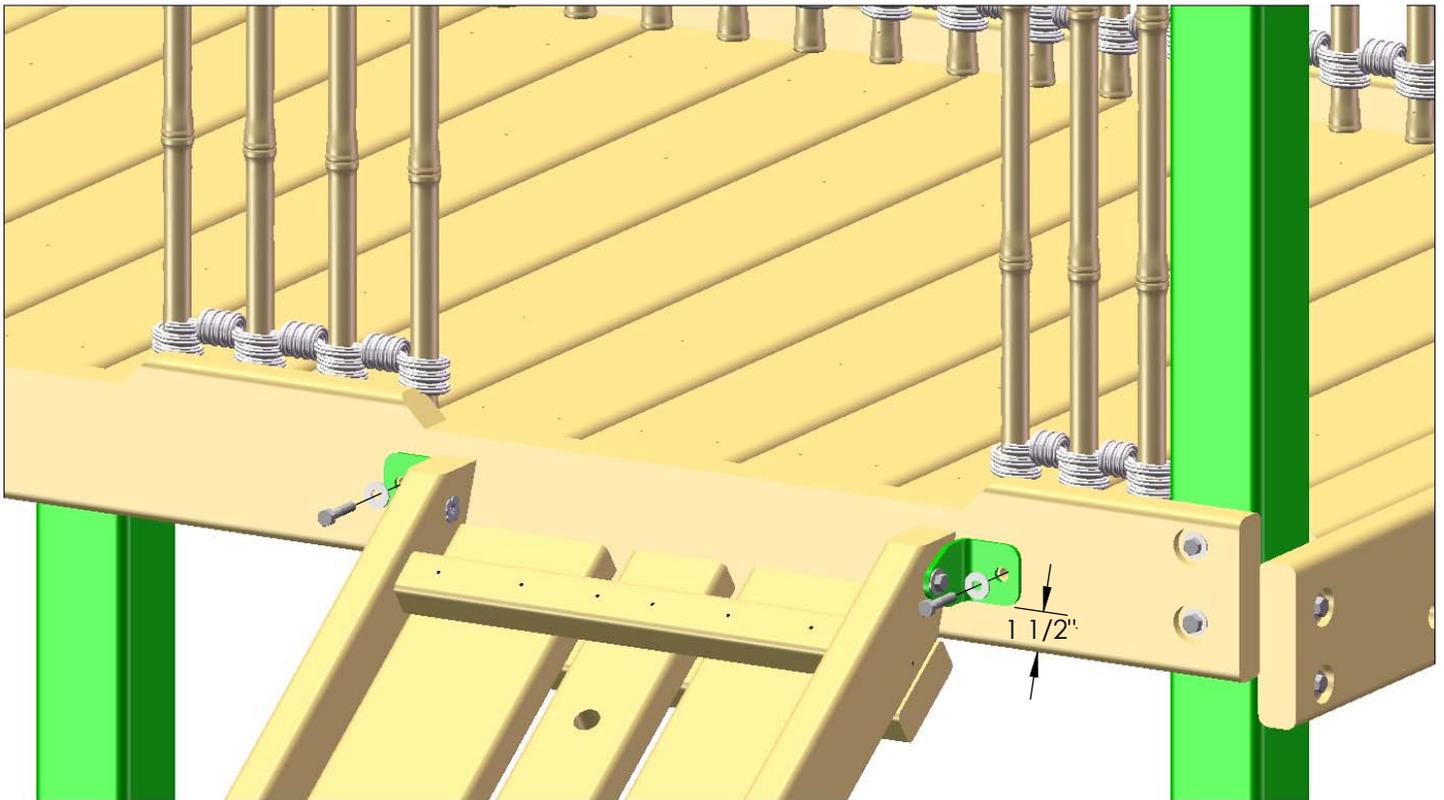
2: PLACE T-NUTS ON THE INSIDE OF THE HOLES IN THE RAMP SIDE BOARDS. SET THE T-NUTS WITH A HAMMER FLUSH/NEAR FLUSH WITH THE RAMP SIDES.

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



## STEP 13: CLIMBING RAMP

- 1: PLACE THE RAMP INTO POSITION ON THE FORT AS SHOWN BELOW. USING THE RAMP BRACKETS AS A TEMPLATE DRILL A 3/8" HOLE THROUGH THE FRONT FACE BOARD.
- 2: FROM THE UNDERSIDE OF THE DECK INSERT A T-NUT INTO THE BACKSIDE OF THE 3/8" HOLES ON THE FRONT FACE BOARD.
- 3: ATTACH THE CLIMBING RAMP WITH 5/16 X 1-1/2" BOLTS AND 5/16" WASHERS.



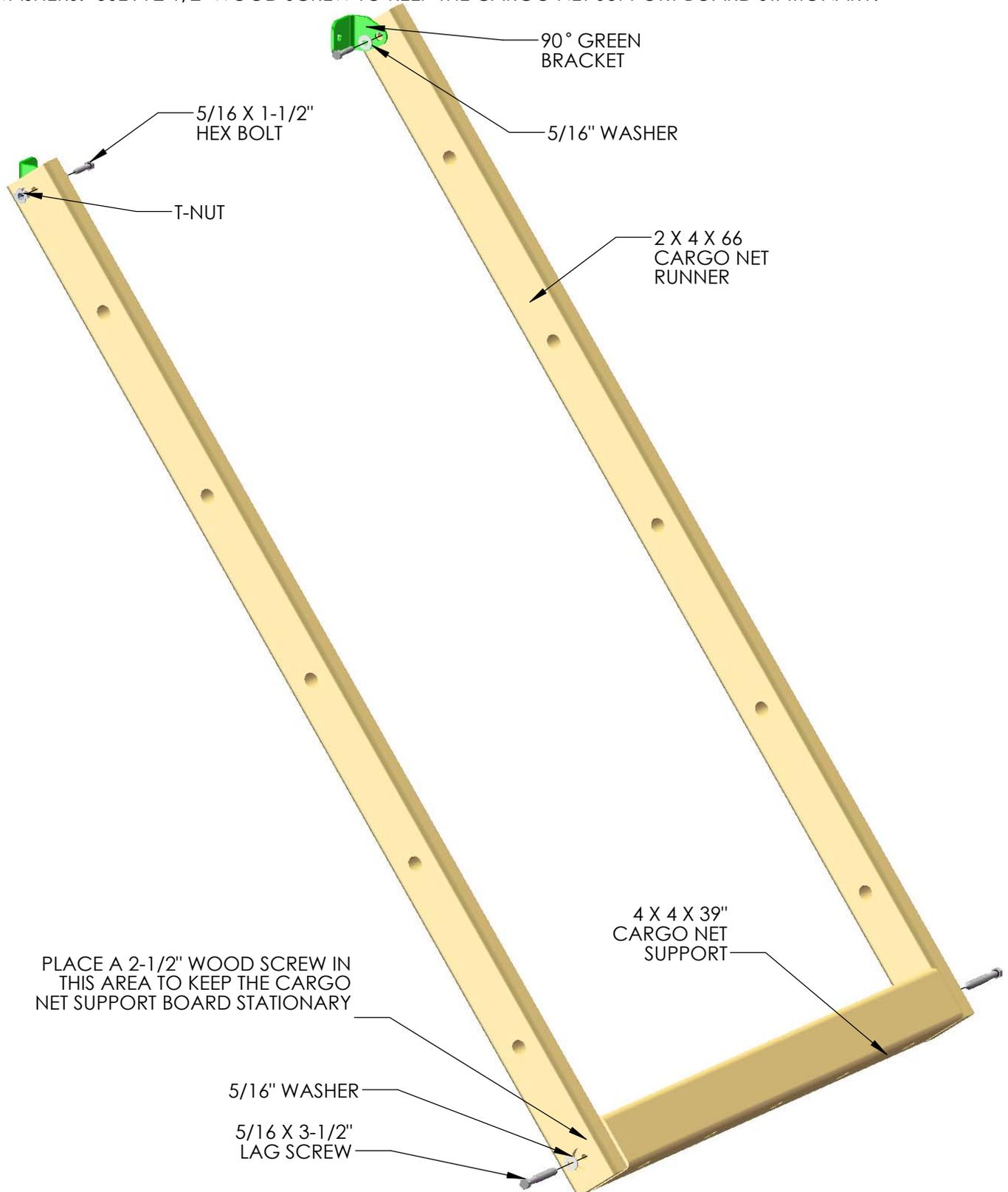
## STEP 14: CARGO NET

1: INSERT T-NUTS INTO WHAT WILL BE THE OUTSIDE OF THE RUNNER.

2: ATTACH THE ANGLE BRACKETS TO THE INSIDE OF THE CARGO NET RUNNERS USING 5/16 X 1-1/2" BOLTS AND 5/16" WASHERS INTO THE T-NUTS.

3: PLACE THE 4 X 4 X 37" CARGO NET SUPPORT BETWEEN THE TWO CARGO NET RUNNERS. MAKE SURE THAT THE HOLES IN THE CARGO NET SUPPORT BOARD ARE FACING OUT.

4: ATTACH THE CARGO NET SUPPORT BOARD TO THE CARGO NET RUNNERS WITH 5/16 X 3-1/2" LAG SCREWS AND 5/16" WASHERS. USE A 2-1/2" WOOD SCREW TO KEEP THE CARGO NET SUPPORT BOARD STATIONARY.



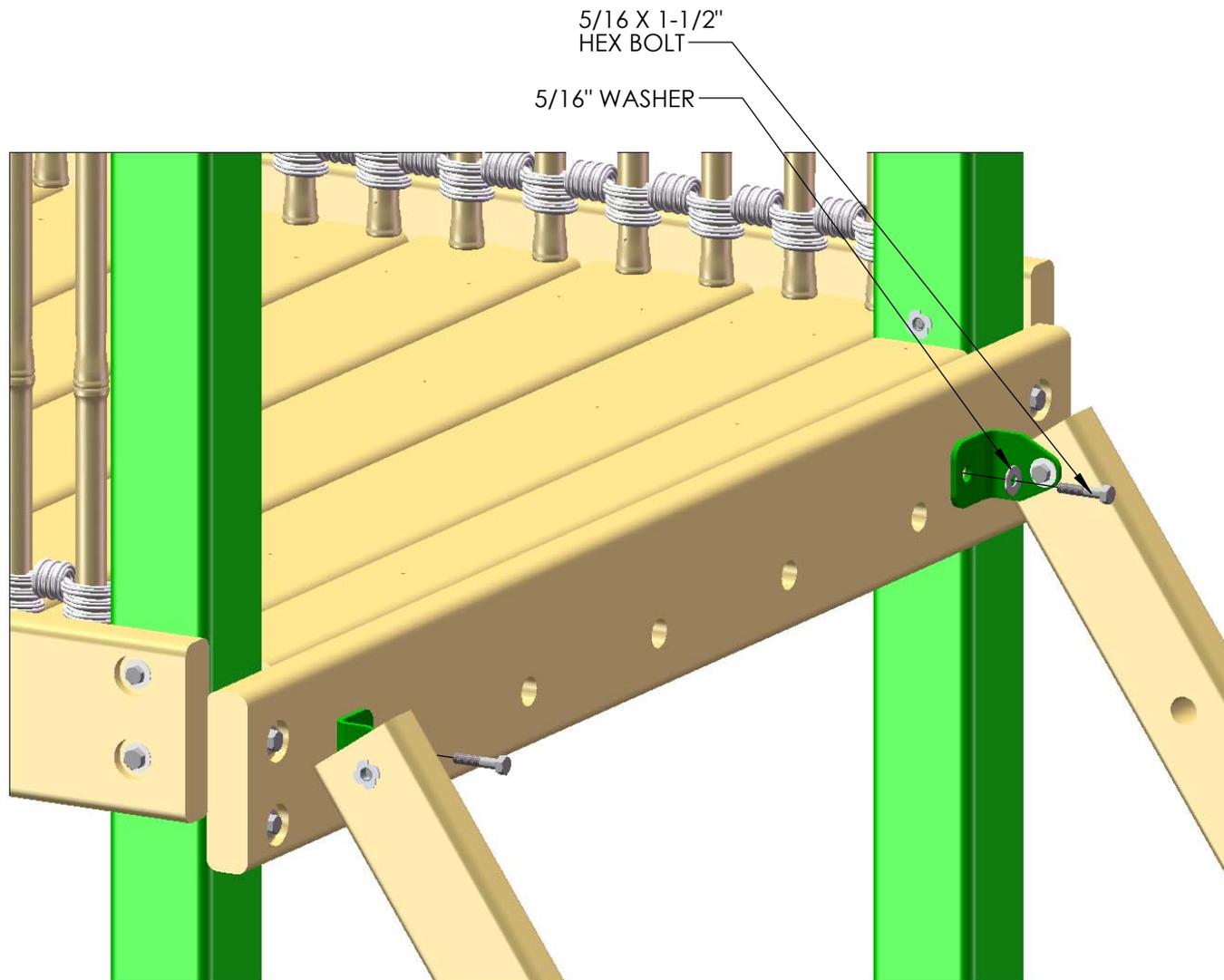
## STEP 15: CARGO NET

1: PLACE THE CARGO NET INTO POSITION ON THE FORT AS SHOWN BELOW, MAKING SURE THAT THE SIDES ARE PARALLEL. USING THE CARGO NET BRACKETS AS A TEMPLATE DRILL A 3/8" HOLE THROUGH THE BOTTOM PANEL BOARD.

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

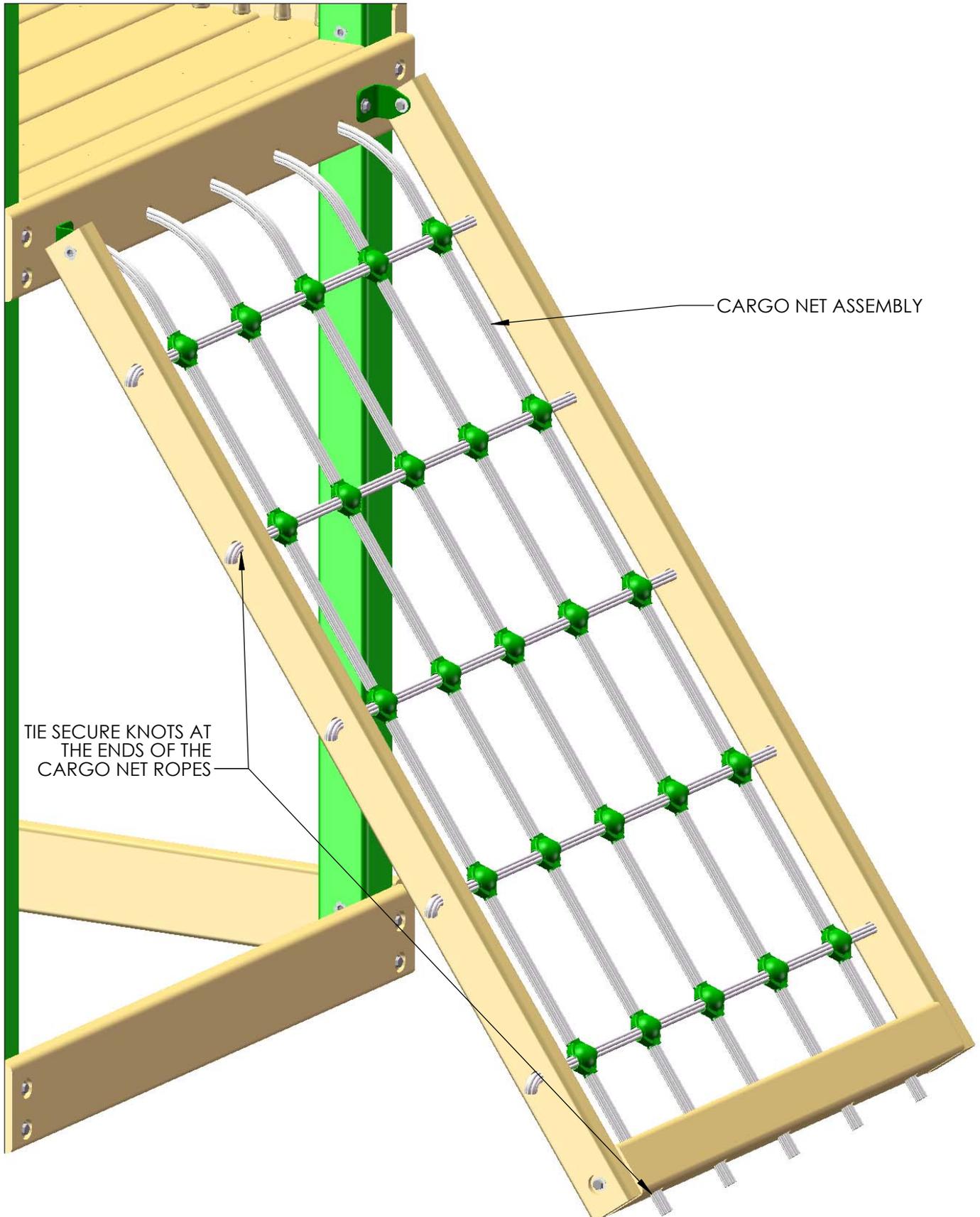
3: ATTACH THE CARGO NET WITH 5/16 X 1-1/2" BOLTS AND 5/16" WASHERS.

4: THREAD THE REMAINING ROPES FROM THE CARGO NET THROUGH THE HOLES IN THE BOTTOM PANEL BOARD AND TIE A SECURE KNOT.



## STEP 16: CARGO NET

1: THREAD THE ENDS OF THE CARGO NET THROUGH THE HOLES IN THE CARGO NET RUNNER AND CARGO NET SUPPORT BOARDS. PULL THE CARGO NET AS TIGHT AS POSSIBLE WHEN TYING KNOTS.



## STEP 17: PICNIC TABLE

1: PLACE THE 2 X 4 X 15" PICNIC TABLE SUPPORT ON TOP OF THE 2 X 4 X 30" PICNIC TABLE VERTICAL SUPPORT AND POSITION THE BOARDS AT A RIGHT ANGLE.

2: ENSURE THAT THE PICNIC TABLE SUPPORT AND THE PICNIC TABLE VERTICAL SUPPORT ARE SQUARE AND FASTEN THE PICNIC TABLE SUPPORT TO THE VERTICAL SUPPORT WITH THREE 2" WOOD SCREWS IN THE PATTERN SHOWN BELOW.

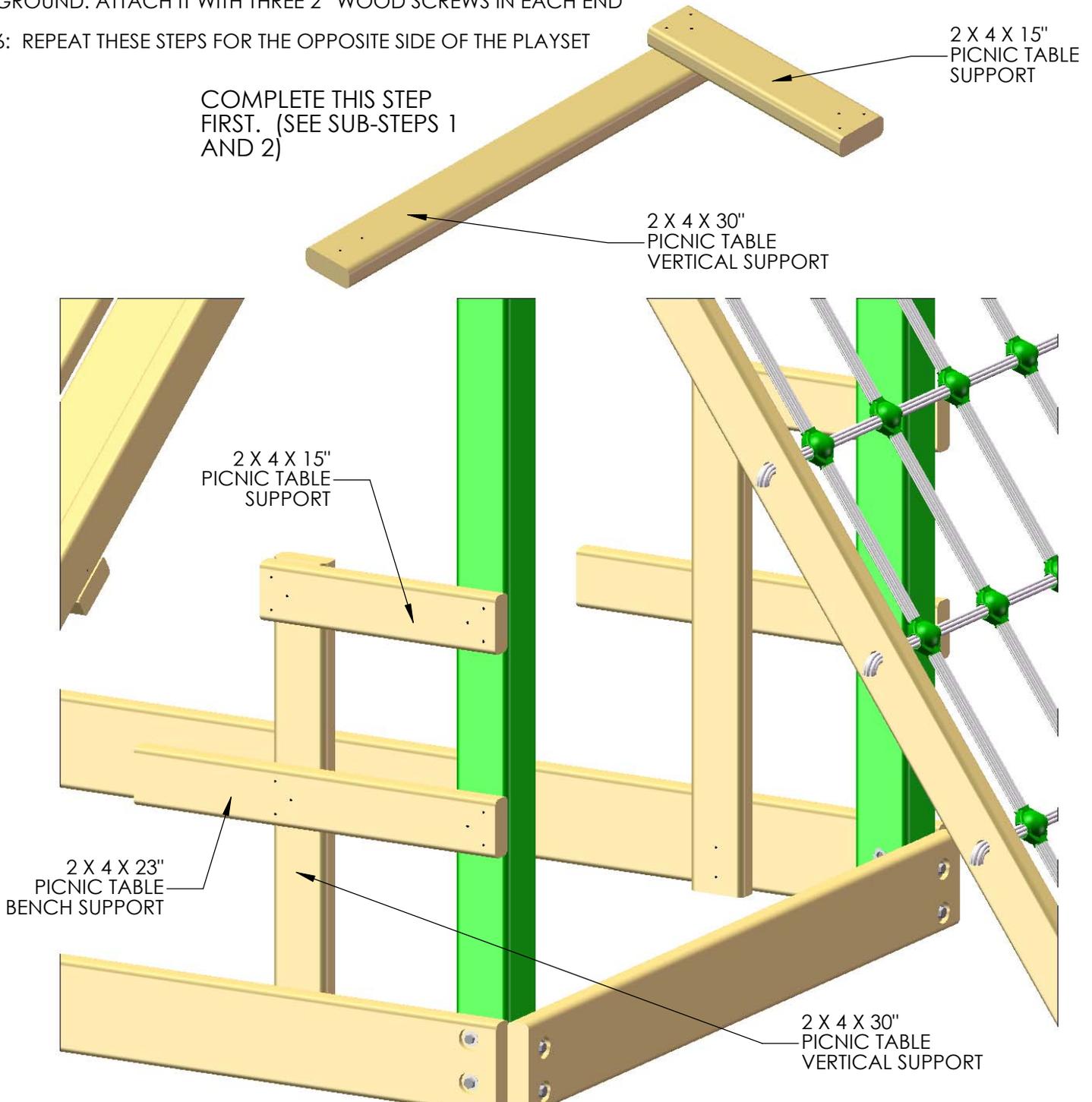
3: FASTEN THE ASSEMBLY CREATED FROM THE PREVIOUS TWO STEPS TO THE CORNER POST. POSITION THE ASSEMBLY SO THAT THE PICNIC TABLE SUPPORT IS ON THE OUTSIDE OF THE CORNER POST, AND THE VERTICAL SUPPORT IS ON THE INSIDE OF THE 2 X 6. FASTEN THE ASSEMBLY TO THE UNIT WITH THREE 2" WOOD SCREWS IN THE PICNIC TABLE SUPPORT, AND TWO 2" WOOD SCREWS IN THE 2 X 6 AT THE BOTTOM. (SEE PATTERN BELOW)

4: MEASURE 18" FROM THE GROUND UP AND MARK THIS POINT ON THE CORNERPOST.

5: ATTACH THE SEAT SUPPORT TO THE OUTSIDE OF THE CORNER POST SO THAT THE TOP IS AT 18" FROM THE GROUND. ATTACH IT WITH THREE 2" WOOD SCREWS IN EACH END

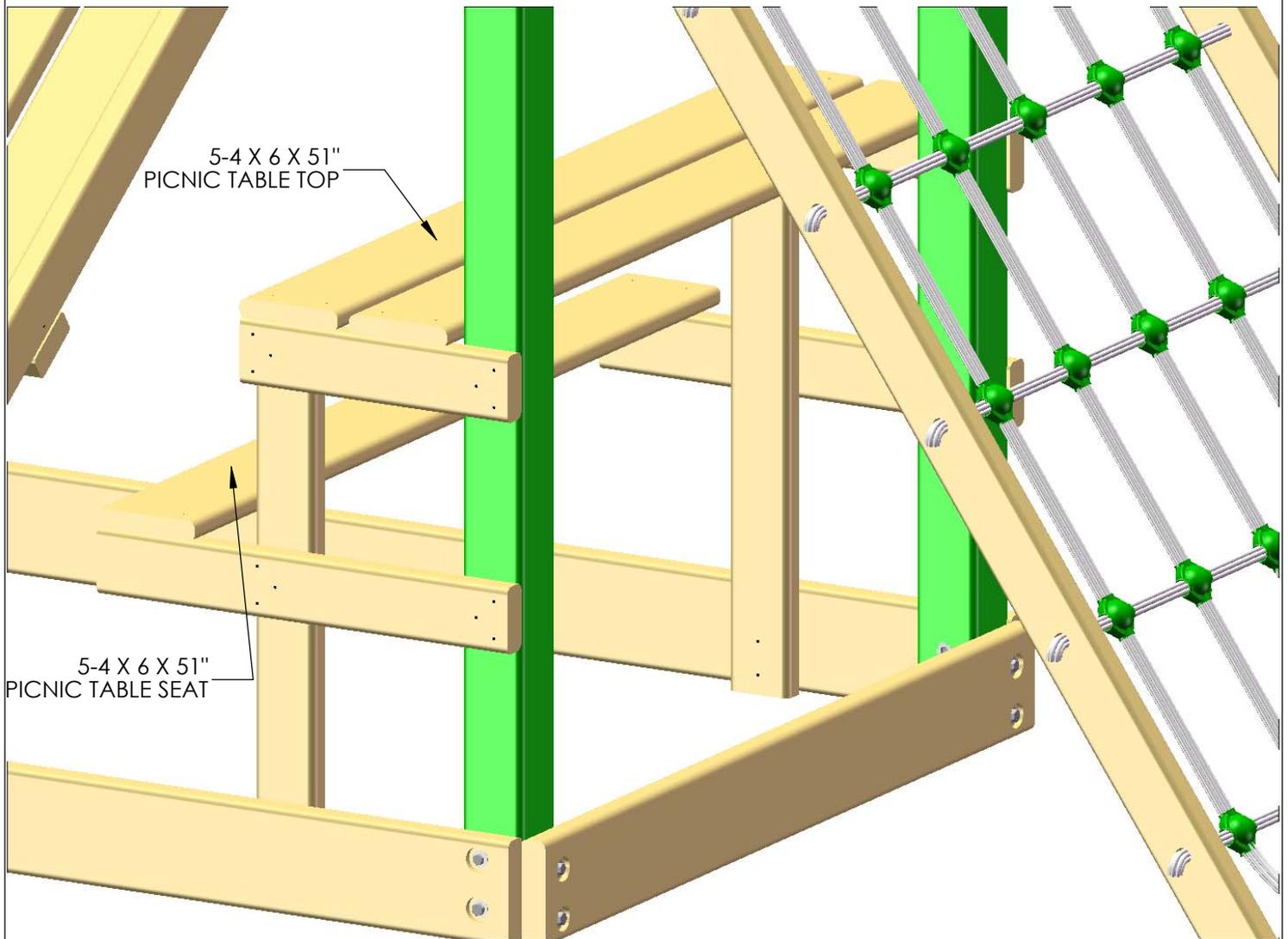
6: REPEAT THESE STEPS FOR THE OPPOSITE SIDE OF THE PLAYSET

COMPLETE THIS STEP FIRST. (SEE SUB-STEP 1 AND 2)



## STEP 18: PICNIC TABLE

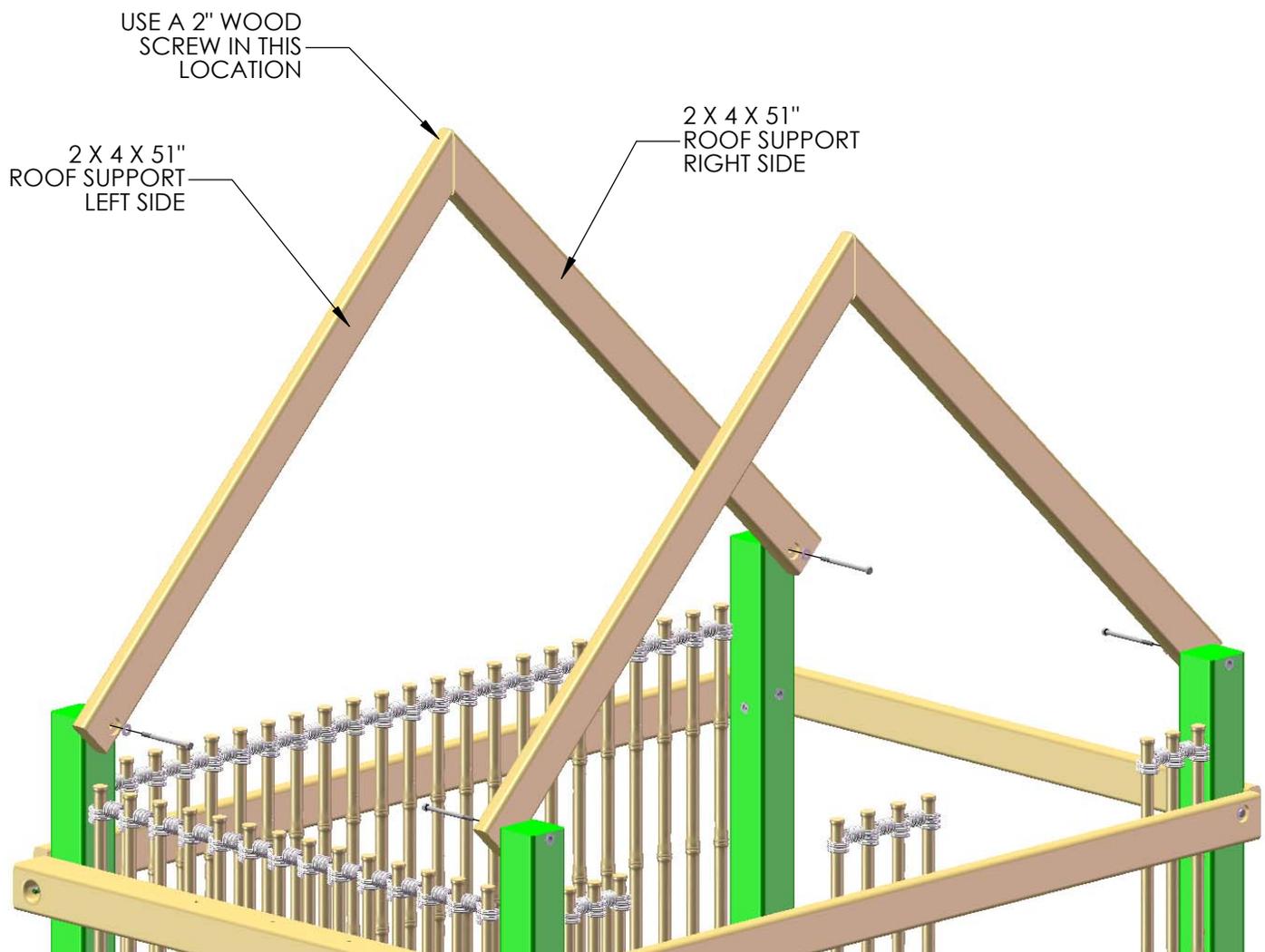
- 1: ATTACH THE PICNIC TABLE SEAT ON THE SEAT SUPPORTS WITH TWO 2" WOOD SCREWS IN EACH END.
- 2: ATTACH THE PICNIC TABLE TOPS TO THE TABLE SUPPORTS WITH TWO 2" WOOD SCREWS IN EACH END.



## STEP 19: ROOF SUPPORTS

1: WITH OFFSET HOLES DOWN, ATTACH THE 2 X 4 X 51" ROOF SUPPORTS TO THE FORT WITH 5/16 X 4-1/2" HEX BOLTS. THE ROOF SUPPORTS SHOULD MEET IN THE MIDDLE TO FORM A RIGHT ANGLE.

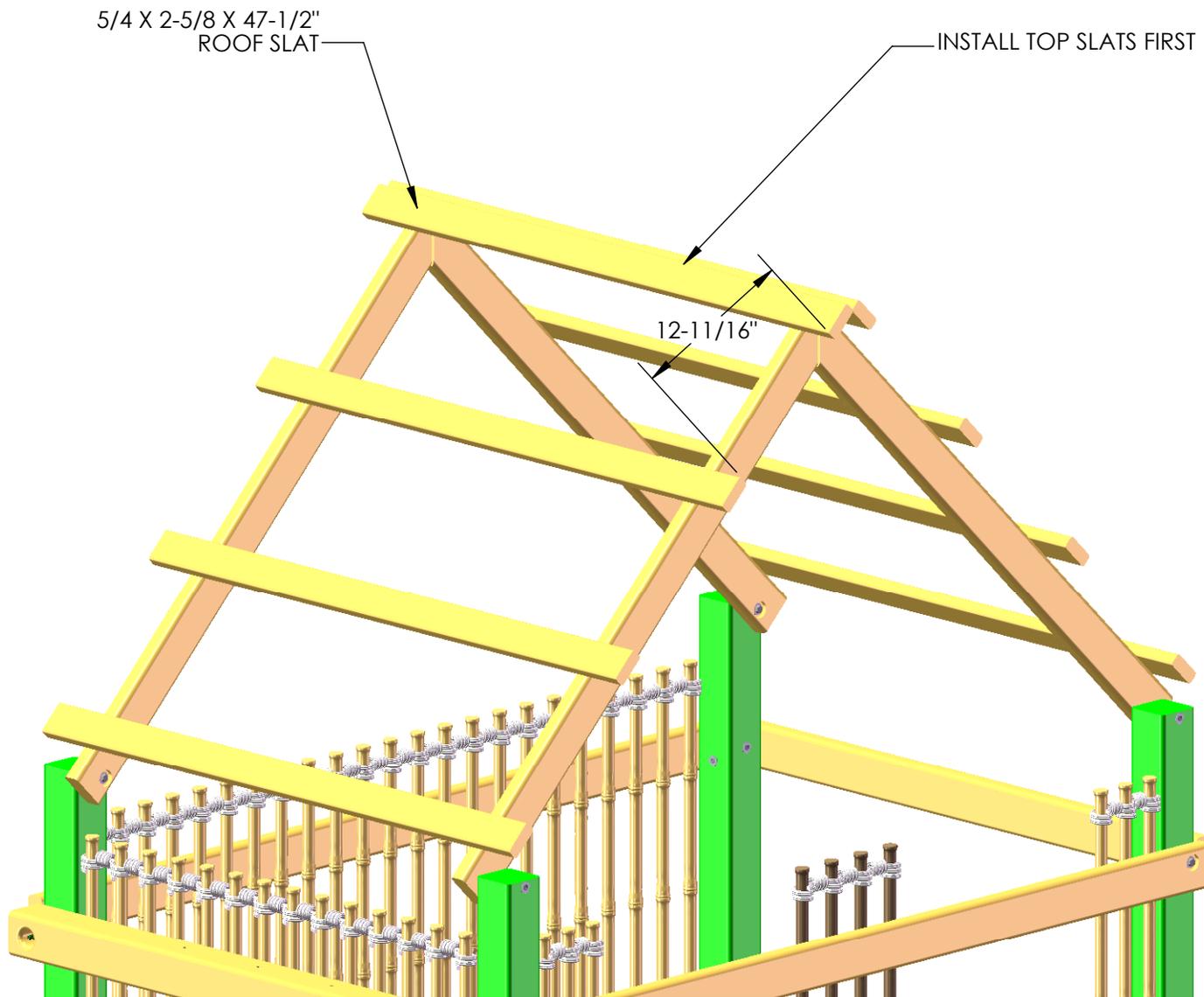
2: CONNECT THE ANGLED ENDS WITH A 2" WOOD SCREW AT THE TOP.



## STEP 20: ROOF

1: EVENLY SPACE THE 5/4 X 2-5/8 X 47-1/2" ROOF SLATS ACROSS THE ROOF SUPPORTS AS SHOWN LEAVING A GAP OF 12-11/16" BETWEEN EACH BOARD.

2: FASTEN THE ROOF SLATS TO THE ROOF SUPPORTS WITH 2" WOOD SCREWS.

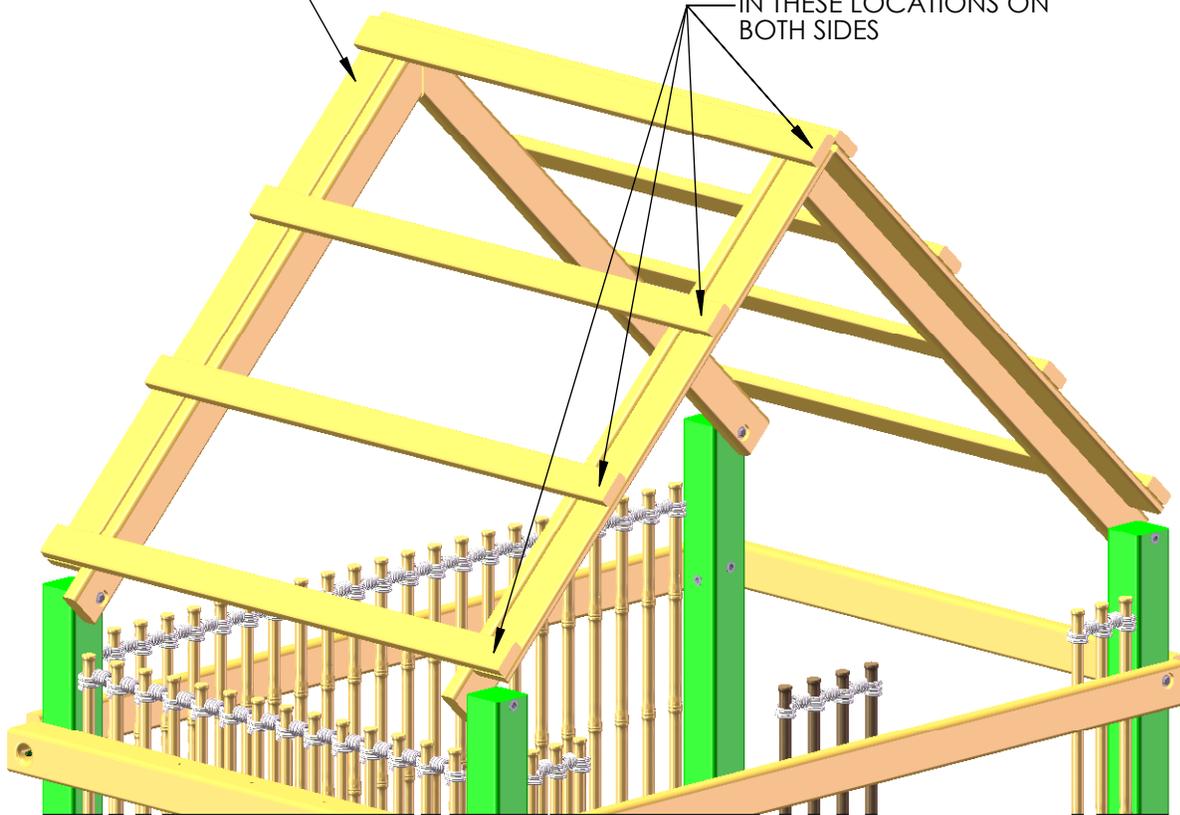


## STEP 21: THATCH SUPPORTS

1: PLACE THE LOWER THATCH SUPPORTS UNDER THE ROOF SLATS AND AGAINST THE ANGLED ROOF SUPPORTS. FASTEN THE LOWER THATCH SUPPORTS TO THE ROOF SLATS WITH 1-1/2" WOOD SCREWS.

5/4 X 3-3/8 X 47-1/2"  
LOWER THATCH SUPPORT

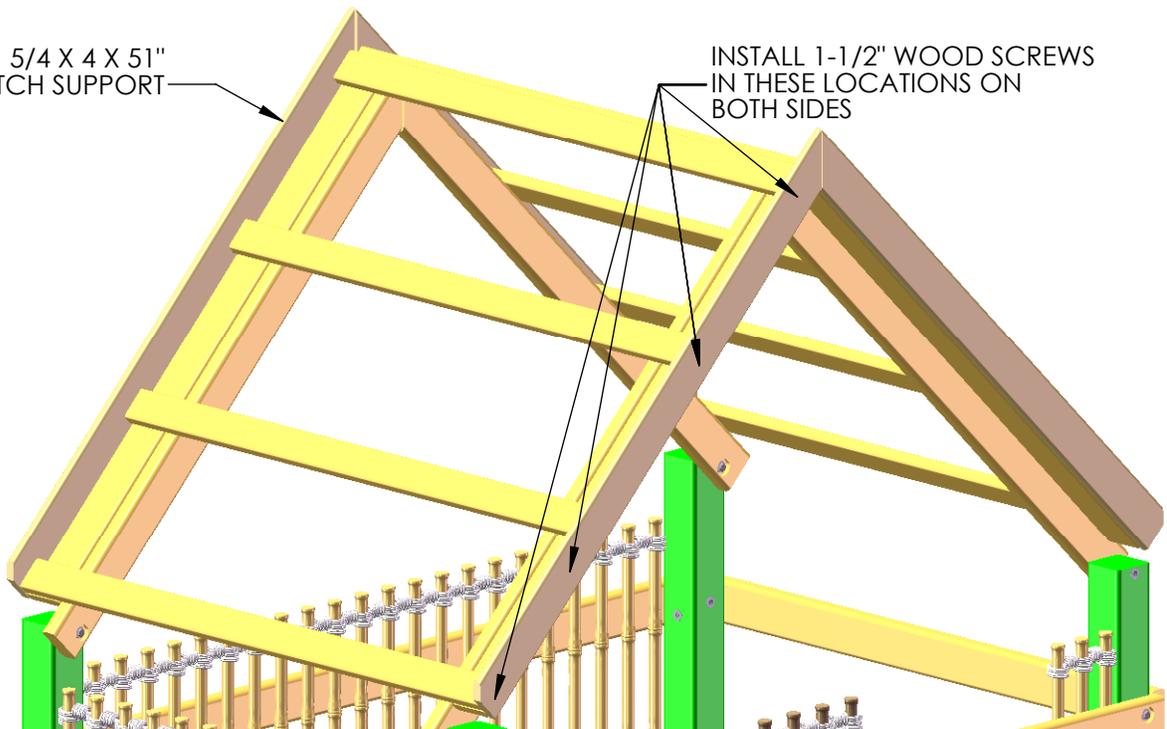
INSTALL 1-1/2" WOOD SCREWS  
IN THESE LOCATIONS ON  
BOTH SIDES



2: PLACE THE UPPER THATCH SUPPORTS AT THE END OF THE ROOF SLATS AND FORM A RIGHT ANGLE WITH THE 45° ANGLED ENDS. FASTEN THE UPPER THATCH SUPPORTS TO THE ROOF SLATS WITH 1-1/2" WOOD SCREWS.

5/4 X 4 X 51"  
UPPER THATCH SUPPORT

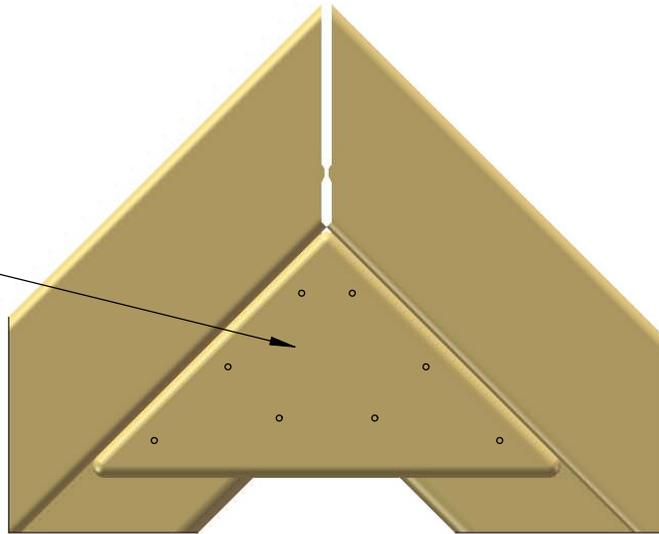
INSTALL 1-1/2" WOOD SCREWS  
IN THESE LOCATIONS ON  
BOTH SIDES



## STEP 22: BAMBOO SUNBURST

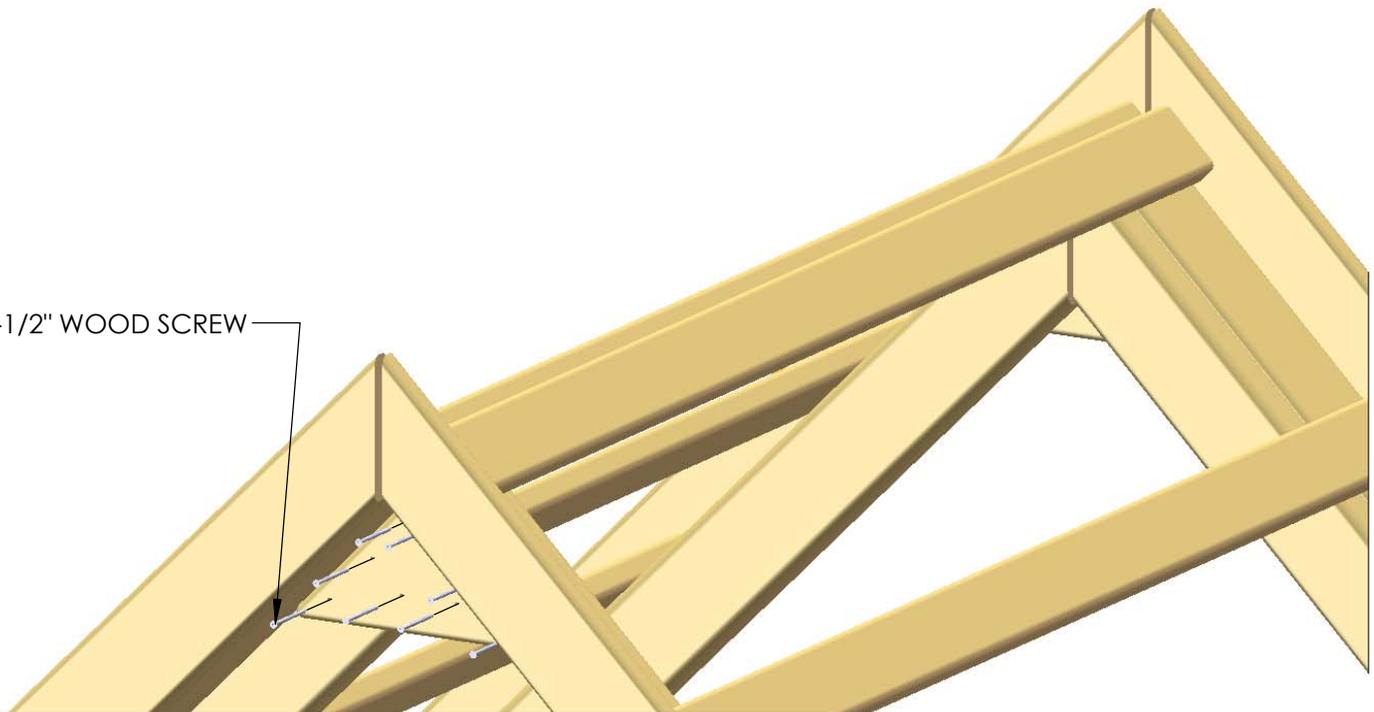
1: PRE-DRILL HOLES IN THE 5/4 X 10" TRIANGLE ROOF SUPPORT TO THE PATTERN SHOWN BELOW.

5/4 X 10"  
TRIANGLE ROOF  
SUPPORT



2: PLACE THE 5/4 X 10" TRIANGLE ROOF SUPPORT AGAINST THE ANGLED ROOF SUPPORTS AND UNDERNEATH THE THATCH SUPPORTS. FASTEN THE TRIANGLE ROOF SUPPORT TO THE ANGLED ROOF SUPPORTS WITH 1-1/2" WOOD SCREWS.

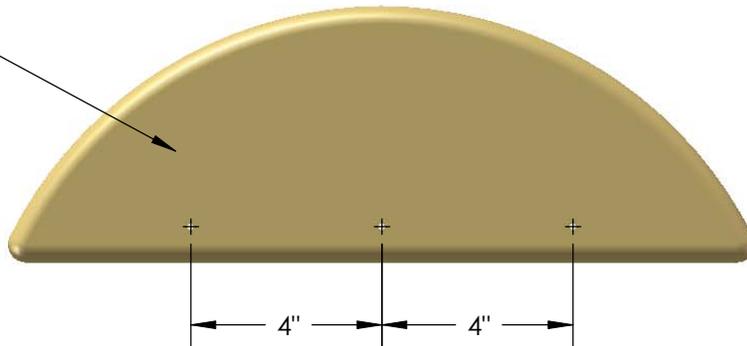
1-1/2" WOOD SCREW



## STEP 23: BAMBOO SUNBURST

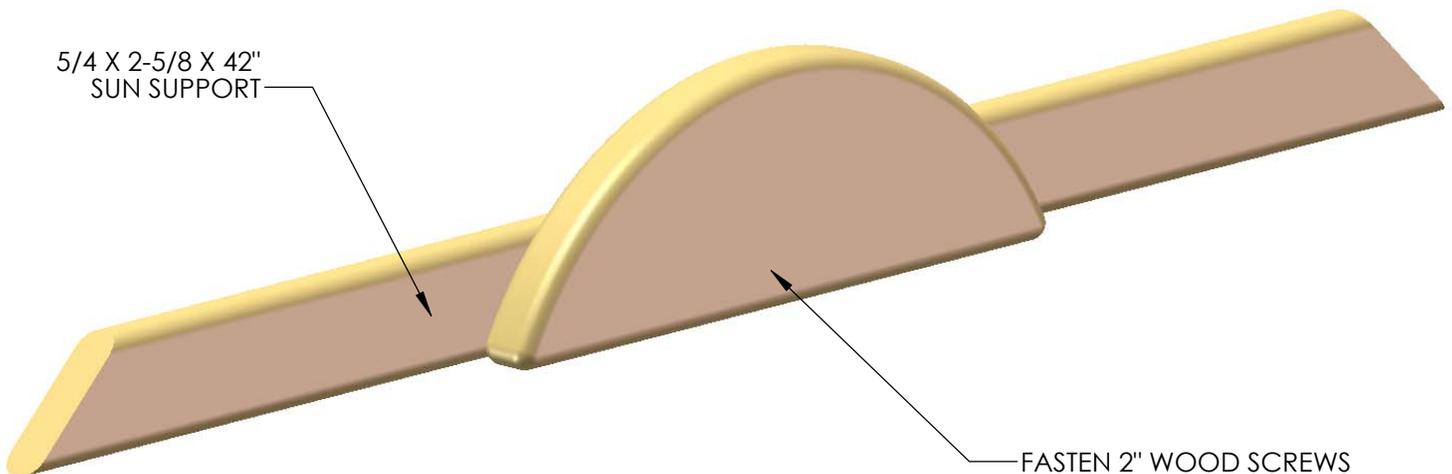
1: PRE-DRILL HOLES IN THE 2 X 6 X 16" SUN TO THE PATTERN SHOWN BELOW.

2 X 6 X 16"  
SUN



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.

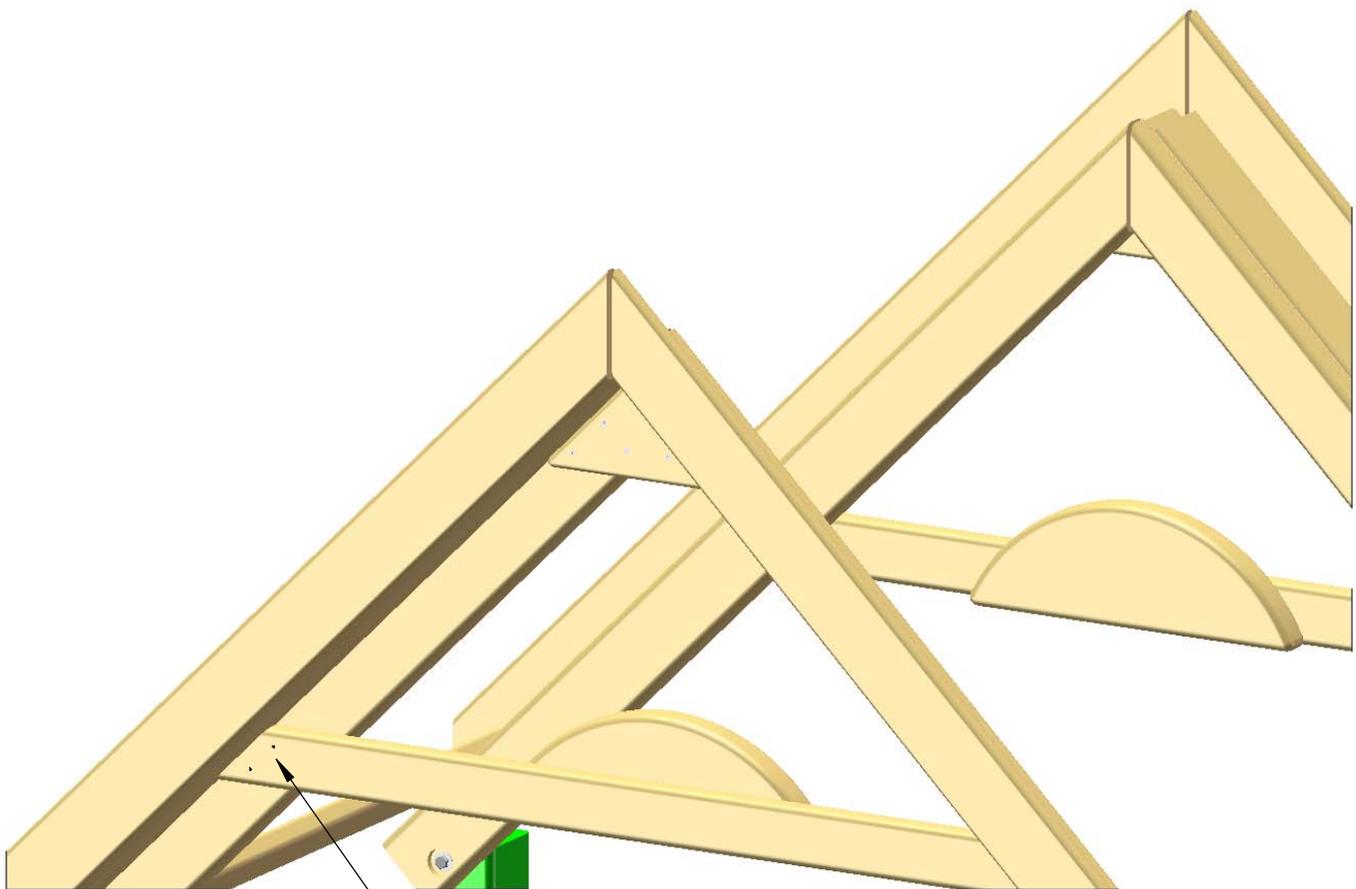
5/4 X 2-5/8 X 42"  
SUN SUPPORT



FASTEN 2" WOOD SCREWS  
FROM THIS SIDE

## STEP 24: BAMBOO SUNBURST

- 1: PLACE THE ASSEMBLY MADE IN THE PREVIOUS STEP UNDERNEATH THE LOWER THATCH SUPPORT BOARDS, AND AGAINST THE ANGLED ROOF SUPPORTS.
- 2: FASTEN THE SUN ASSEMBLY TO THE FORT WITH 2" WOOD SCREWS FROM THE OUTSIDE INTO THE ROOF SUPPORTS.



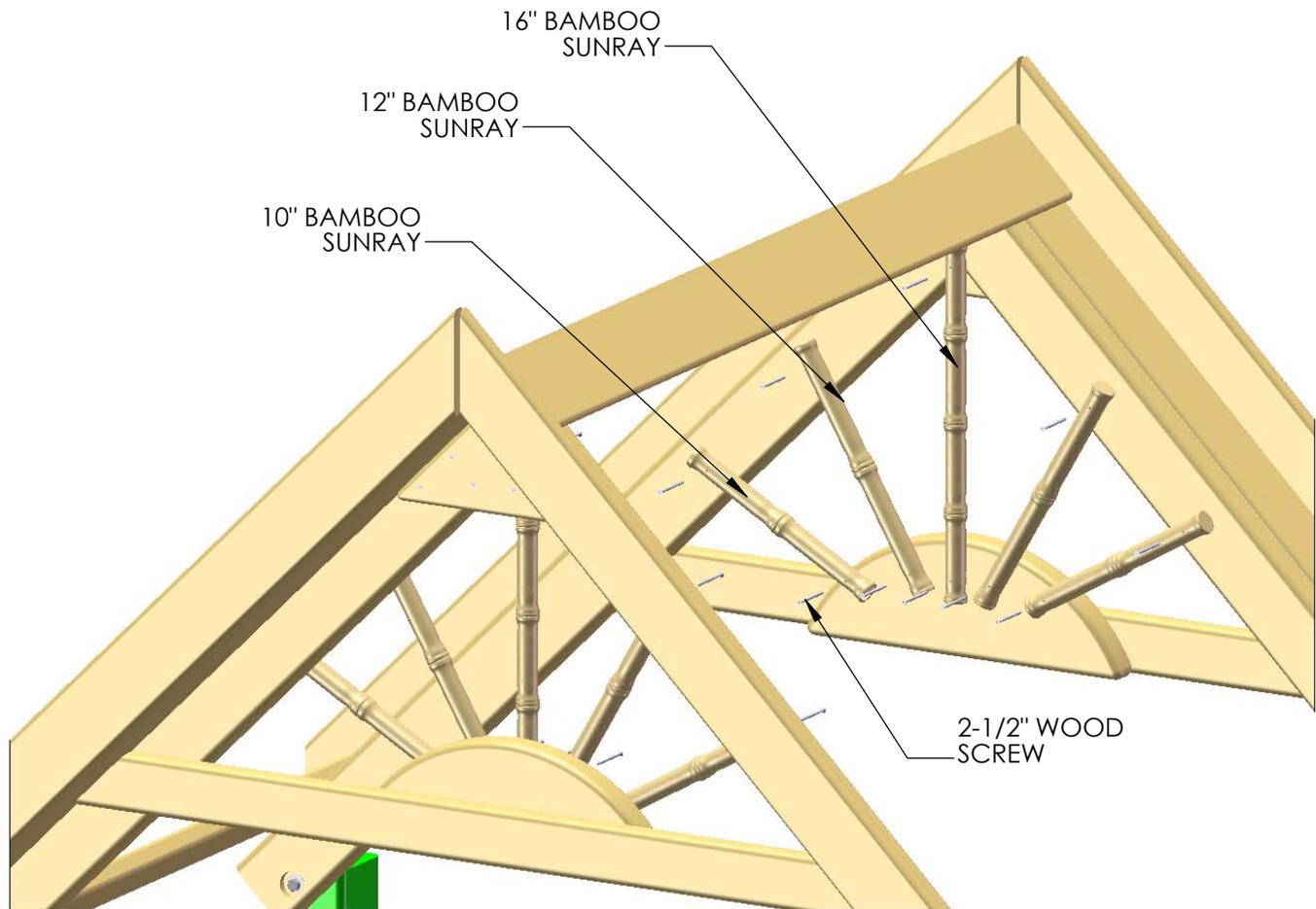
FASTEN WITH 2" WOOD  
SCREWS FROM THIS SIDE  
OF THE ROOF SUPPORT  
BOARDS.

## STEP 25: BAMBOO SUNBURST

1: PLACE THE 16" BAMBOO SUNRAY IN THE CENTER OF THE 2 X 6 SUN. THE BOTTOM OF THE SUNRAY SHOULD BE ABOUT 3" FROM THE BOTTOM OF THE 2 X 6 SUN. FASTEN WITH ONE 2-1/2" WOOD SCREW IN EACH OF THE PRE-DRILLED HOLES.

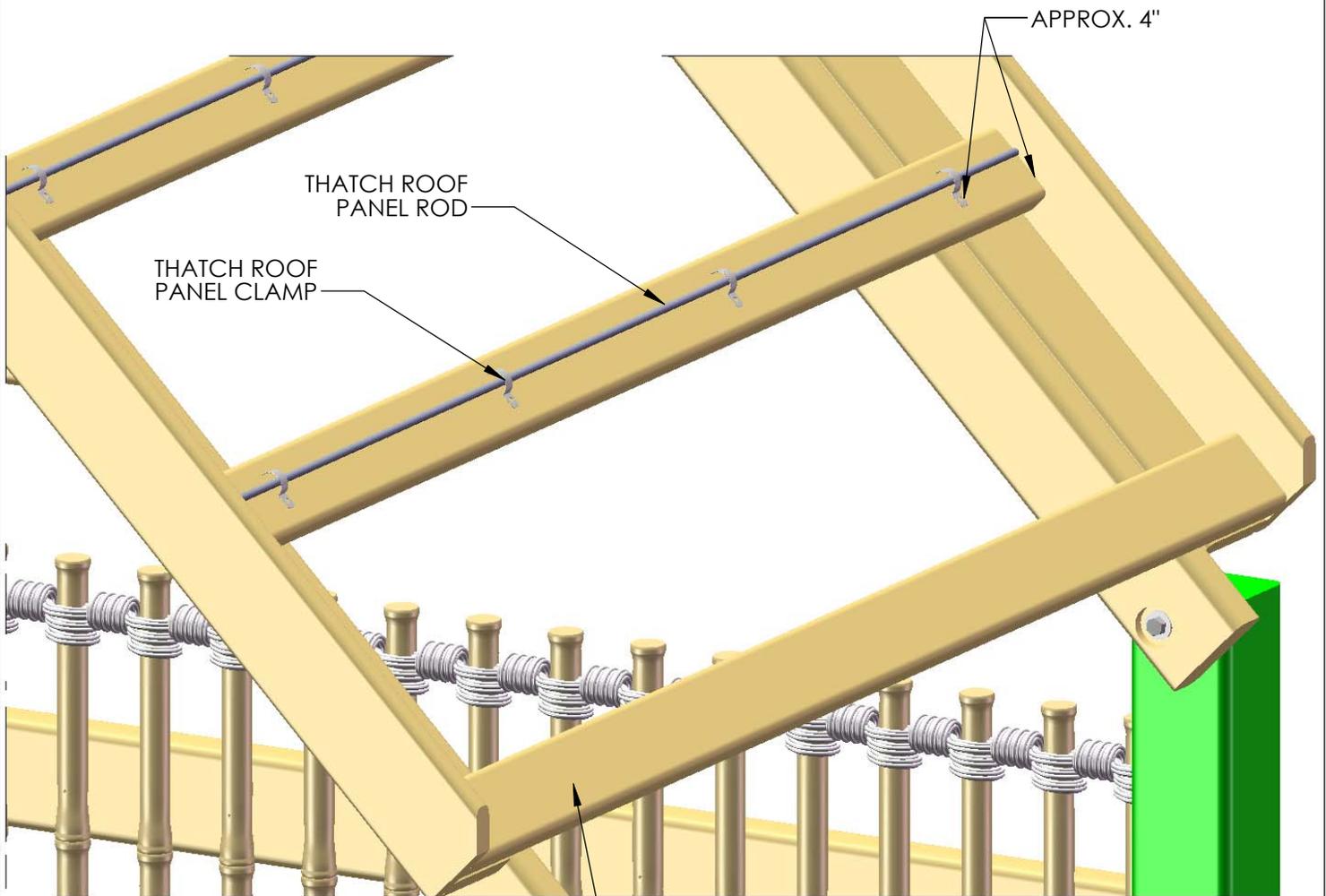
2: PLACE THE 12" BAMBOO SUNRAYS AT A 30° ANGLE APPROXIMATELY 1-1/2" AWAY FROM THE 16" BAMBOO SUNRAY. FASTEN WITH ONE 2-1/2" WOOD SCREW IN EACH OF THE PRE-DRILLED HOLES.

3: PLACE THE 10" BAMBOO SUNRAYS AT A 30° ANGLE APPROXIMATELY 1-1/2" AWAY FROM THE 12" BAMBOO SUNRAYS. FASTEN WITH ONE 2-1/2" WOOD SCREW IN EACH OF THE PRE-DRILLED HOLES.



## STEP 26-A: THATCH ROOF HARDWARE

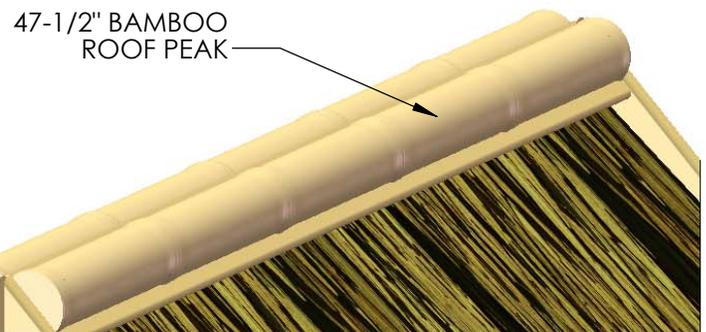
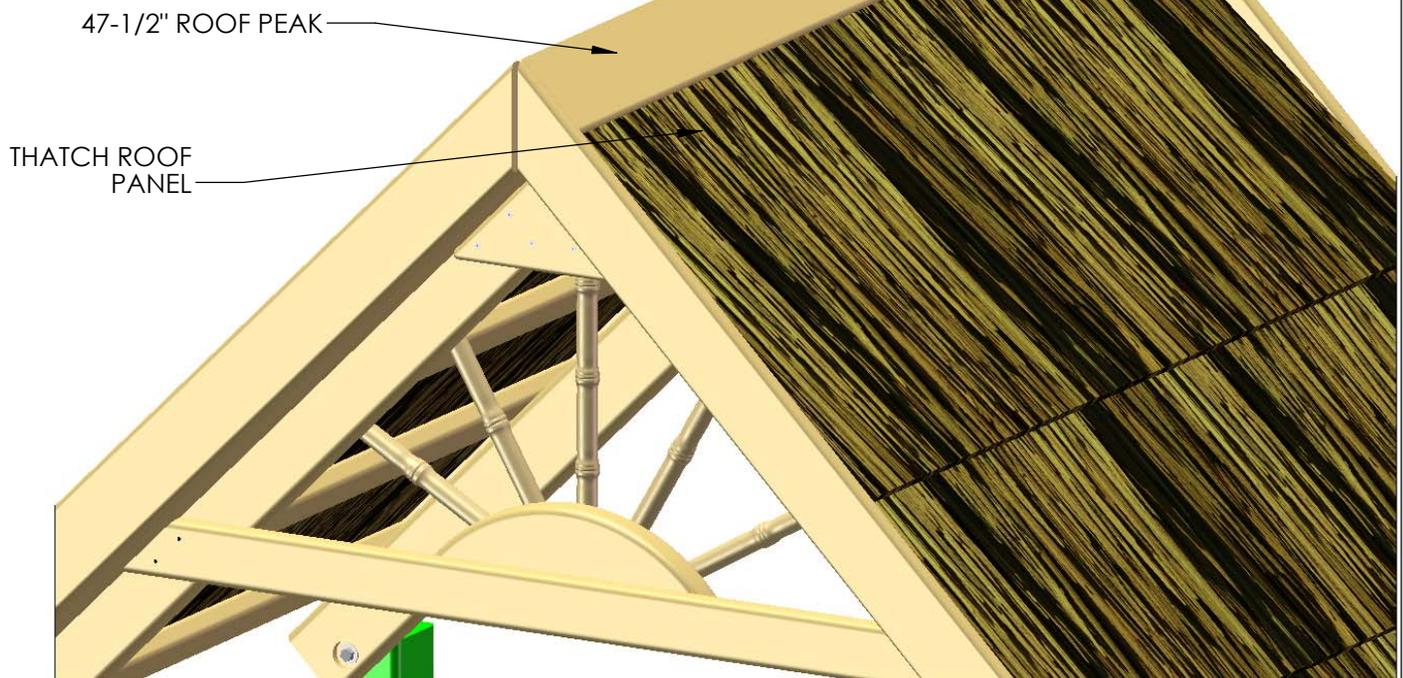
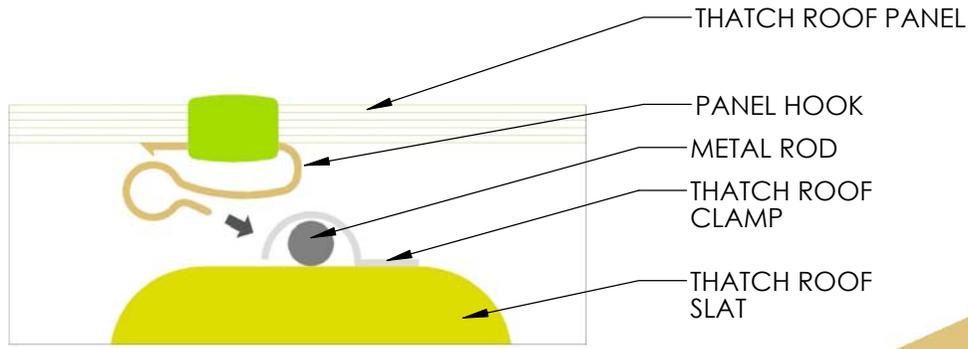
- 1: STARTING FROM THE BOTTOM, PLACE THE THATCH ROOF CLAMPS ON THE ROOF SLATS APPROXIMATELY 4" FROM BOTH SIDES OF THE UPPER THATCH SUPPORTS, AND ATTACH WITH 3/4" PAN HEAD SCREWS. MAKE SURE THAT THE OPEN END OF THE ROOF CLAMPS ARE FACING TOWARDS THE TOP OF THE ROOF BEFORE ATTACHING.
- 2: EVENLY SPACE TWO MORE THATCH ROOF CLAMPS BETWEEN THE PREVIOUSLY INSTALLED ROOF CLAMPS, AND FASTEN WITH 3/4" PAN-HEAD SCREWS.
- 3: PLACE THE 47-1/2" THATCH ROOF PANEL ROD INSIDE THE OPENING OF THE THATCH ROOF CLAMPS.
- 4: CONTINUE WORKING UP THE ROOF, FOLLOWING THE PREVIOUS THREE STEPS, THEN REPEAT THIS PROCESS ON THE OTHER SIDE OF THE ROOF..



DO NOT INSTALL CLAMPS OR RODS ON THIS SLAT ON EITHER SIDE OF THE ROOF.

## STEP 26-B: THATCH ROOF

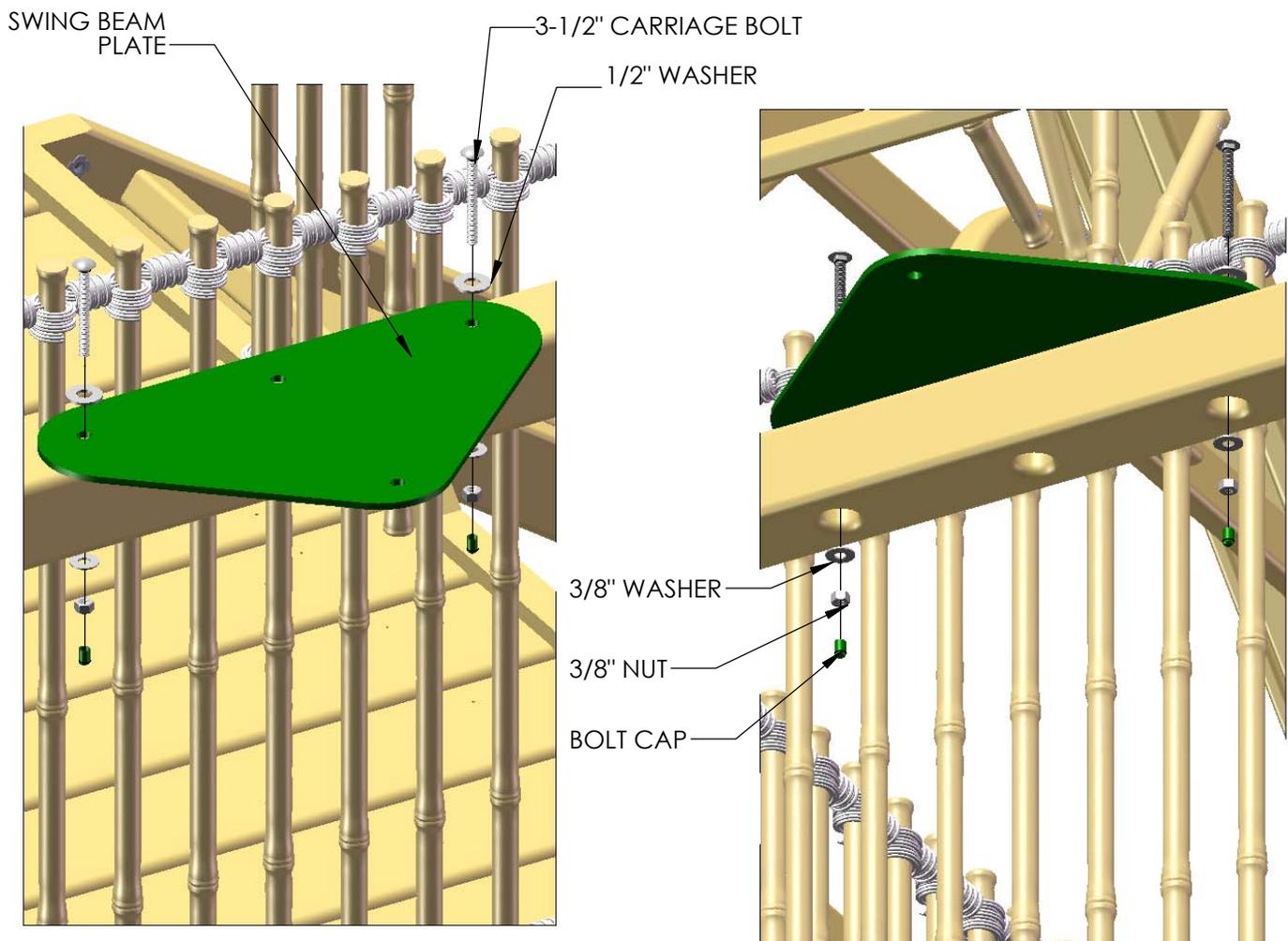
- 1: LOCATE THE PANEL HOOKS UNDERNEATH THE THATCH ROOF PANELS.
- 2: STARTING FROM THE BOTTOM, PLACE THE PANEL HOOKS ON THE METAL RODS ON THE ROOF SLATS.
- 3: SNAP THE PANEL HOOKS INTO PLACE ON THE METAL RODS.
- 4: CONTINUE WORKING UP THE ROOF, FOLLOWING THE PREVIOUS THREE STEPS TO LAYER THE THATCH ROOF PANELS ON THE ROOF. BEND THE THATCH ROOF CLAMPS DOWN INTO THE ROOF SLAT TO SECURE THE PANEL ROD.
- 5: CENTER THE ROOF PEAK AT THE TOP OF THE ROOF SUPPORTS. FASTEN THE ROOF PEAK TO THE ROOF SUPPORTS WITH 2" WOOD SCREWS.



- 6: INSTALL THE 47-1/2" BAMBOO ROOF PEAK ON TOP OF THE 47-1/2" ROOF PEAK WITH 2-1/2" WOOD SCREWS.

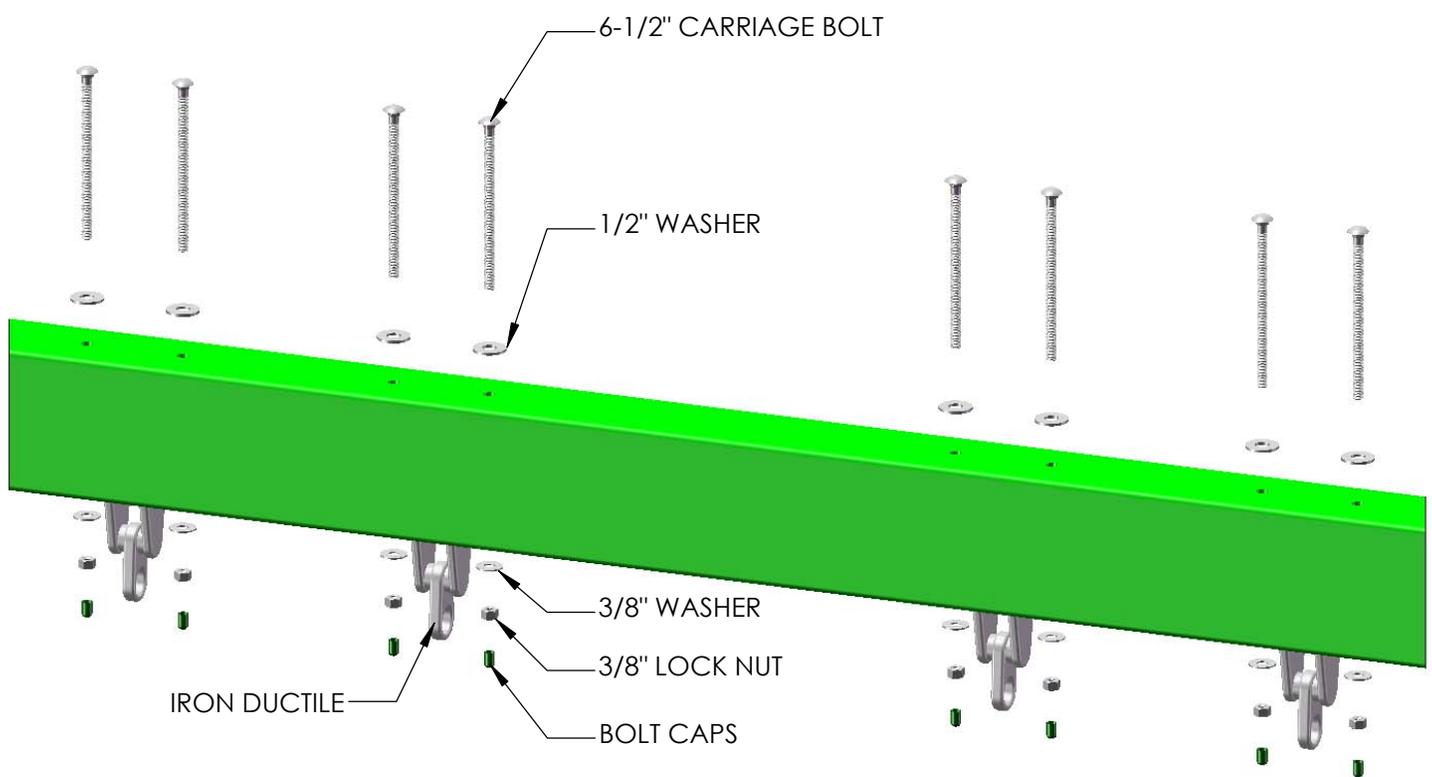
## STEP 27: SWING BEAM PLATE

- 1: PLACE THE SWING BEAM PLATE ON TOP OF THE SWING BEAM SUPPORT, LINING UP THE PILOT HOLES.
- 2: FASTEN THE SWING BEAM PLATE TO THE SWING BEAM SUPPORT USING 3-1/2" CARRIAGE BOLTS WITH 1/2" WASHERS ON TOP, AND 3/8" LOCK NUTS WITH 3/8" WASHERS FROM UNDERNEATH, IN THE COUNTER-SUNK HOLES OF THE SWING BEAM SUPPORT. USE BOLT CAPS TO COVER ANY EXPOSED THREADS.
- 3: LEAVE THE MIDDLE HOLE EMPTY, IT WILL BE USED LATER.



## STEP 28: IRON DUCTILES

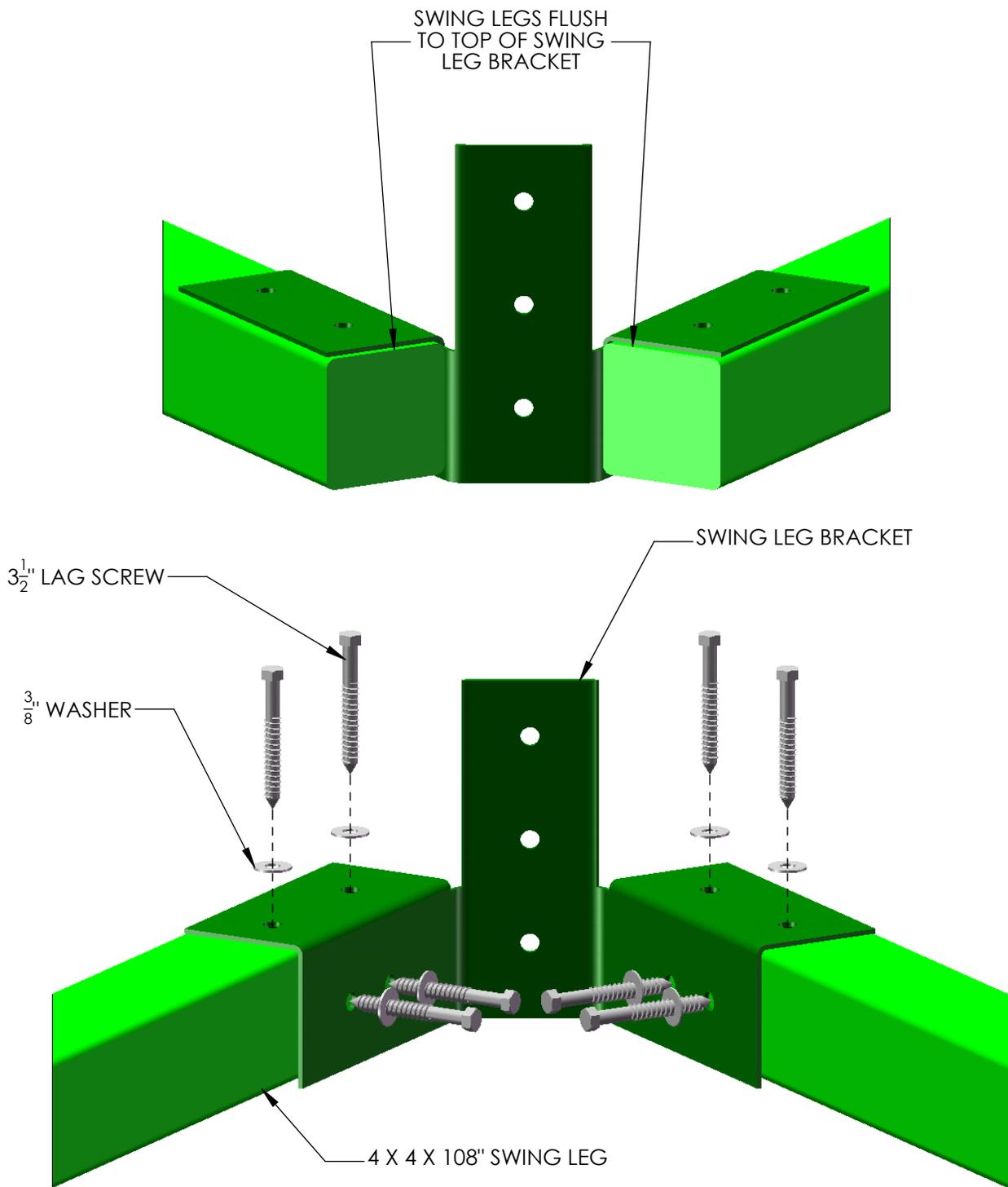
- 1: LINE UP THE HOLES OF THE IRON DUCTILES WITH THE HOLES IN THE SWINGBEAM.
- 2: FASTEN THE SWING HANGER TO THE SWING BEAM USING 6-1/2" CARRIAGE BOLTS WITH 1/2" WASHERS, AND 3/8" WASHERS WITH 3/8" LOCK NUTS.
- 3: PLACE BOLT CAPS OVER EXPOSED THREADS.



## STEP 29: ATTACH SWING LEGS TO BRACKET

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

2: FASTEN THE SWING LEGS TO THE SWING LEG BRACKET WITH  $3\frac{1}{2}$ " LAG SCREWS AND  $\frac{3}{8}$ " WASHERS.



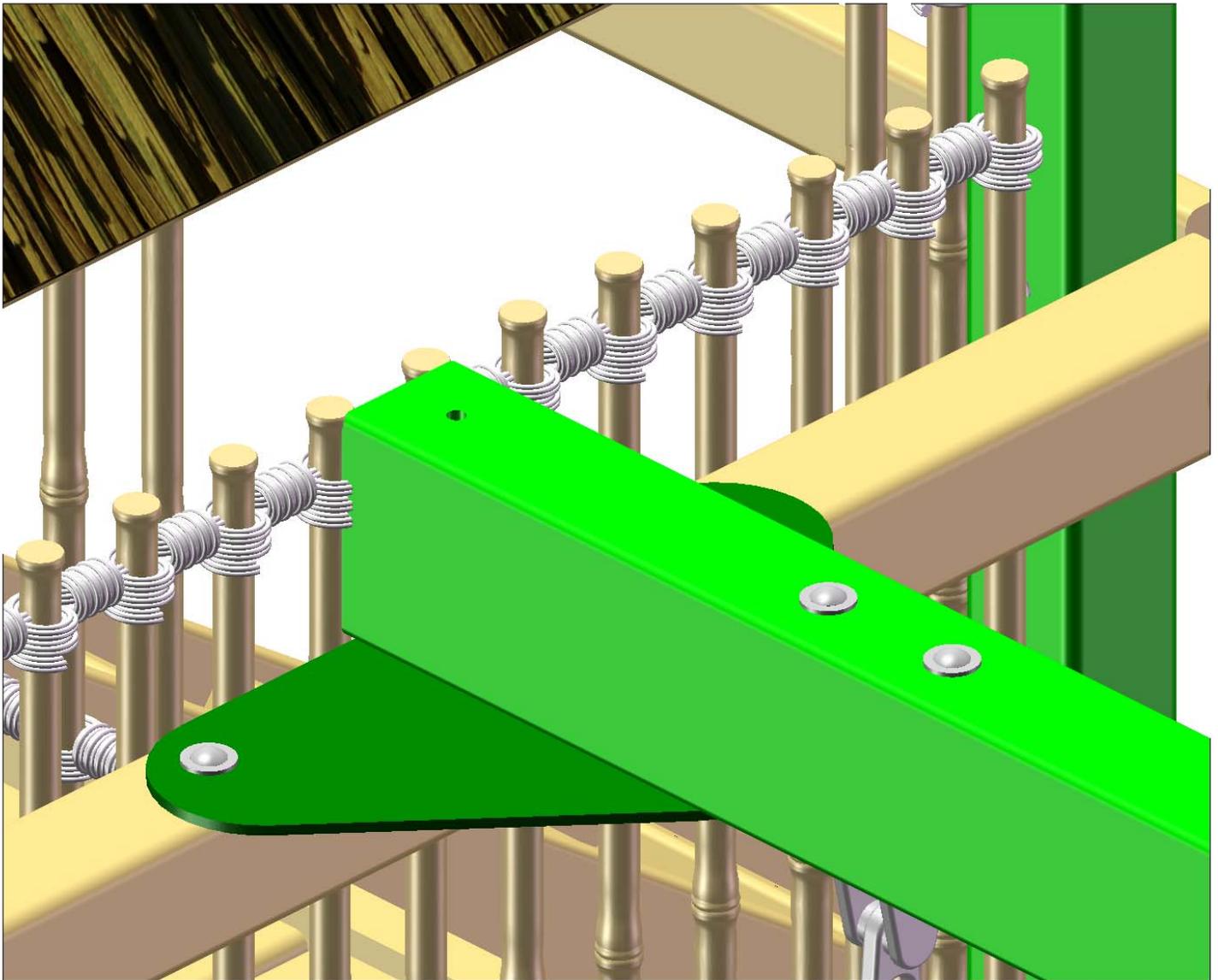
## STEP 30: REST SWING BEAM ON FORT

AN EXTRA PERSON IS NEEDED FOR THIS STEP

1: SIT THE SWING BEAM LEGS UPRIGHT.

2: LINE UP THE PRE-DRILLED HOLES, AND REST THE SEING BEAM ON TOP OF THE FORT AND THE SWING BEAM LEGS. MAKE SURE THAT YOU HAVE THE BEAM FACING THE RIGHT WAY.

IMPORTANT NOTE: THE LEGS ARE DESIGNED TO ACCOMODATE SWING BEAMS ON UNEVEN GROUND (DOWN SLOPE). THEY ARE LONGER THAN REQUIRED. IF YOUR GROUND IS RELATIVELY LEVEL, YOU MAY NEED TO EITHER A) SHORTEN THE END OF THE LEGS B) DIG IN BOTH LEGS WHERE THEY MEET THE GROUND, OR C) BEND THE LEGS OUT SLIGHTLY TO MATCH YOUR GRADE.

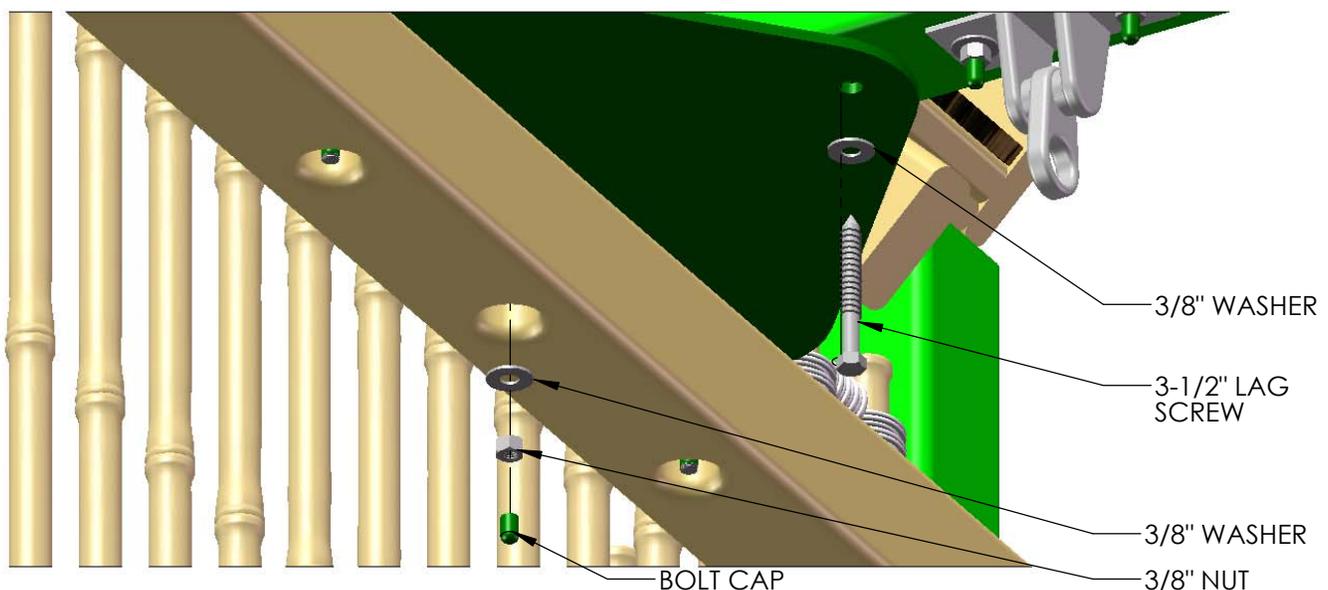
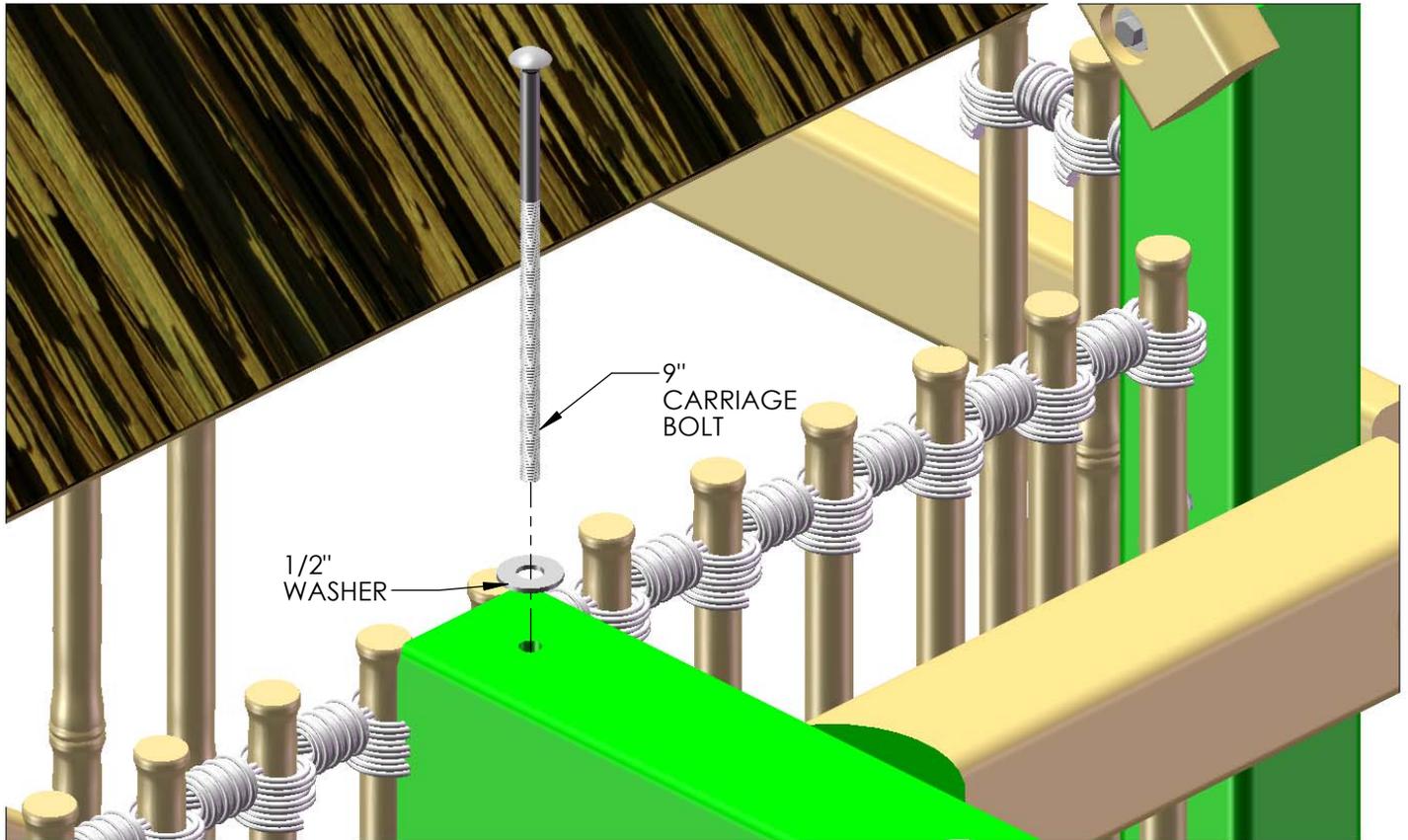


## STEP 31: MOUNT SWING BEAM TO FORT

IN THIS STEP YOU WILL BE MOUNTING THE SWING BEAM TO THE FORT. YOU WILL NEED YOUR 9/16" SOCKET WRENCH OR IMPACT WRENCH AND PLIERS.

AN EXTRA PERSON IS NEEDED FOR THIS STEP

- 1: RAISE THE FREE END OF THE SWING BEAM TO FIT ON TOP OF THE SWING BEAM PLATE.
- 2: LINE UP THE PILOT HOLES AT THE END OF THE SWING BEAM WITH THE MIDDLE HOLES ON THE SWING BEAM PLATE.
- 3: FASTEN THE SWING BEAM TO THE SWING BEAM PLATE AND THE SWING BEAM SUPPORT USING A 9" CARRIAGE BOLT WITH A 1/2" WASHER AND A 3/8" LOCK NUT WITH A 3/8" WASHER. USE A BOLT CAP TO COVER EXPOSED THREADS.
- 4: FASTEN THE SWING BEAM TO THE SWING BEAM PLATE FROM UNDERNEATH WITH A 3-1/2" LAG SCREW AND 3/8" WASHER.

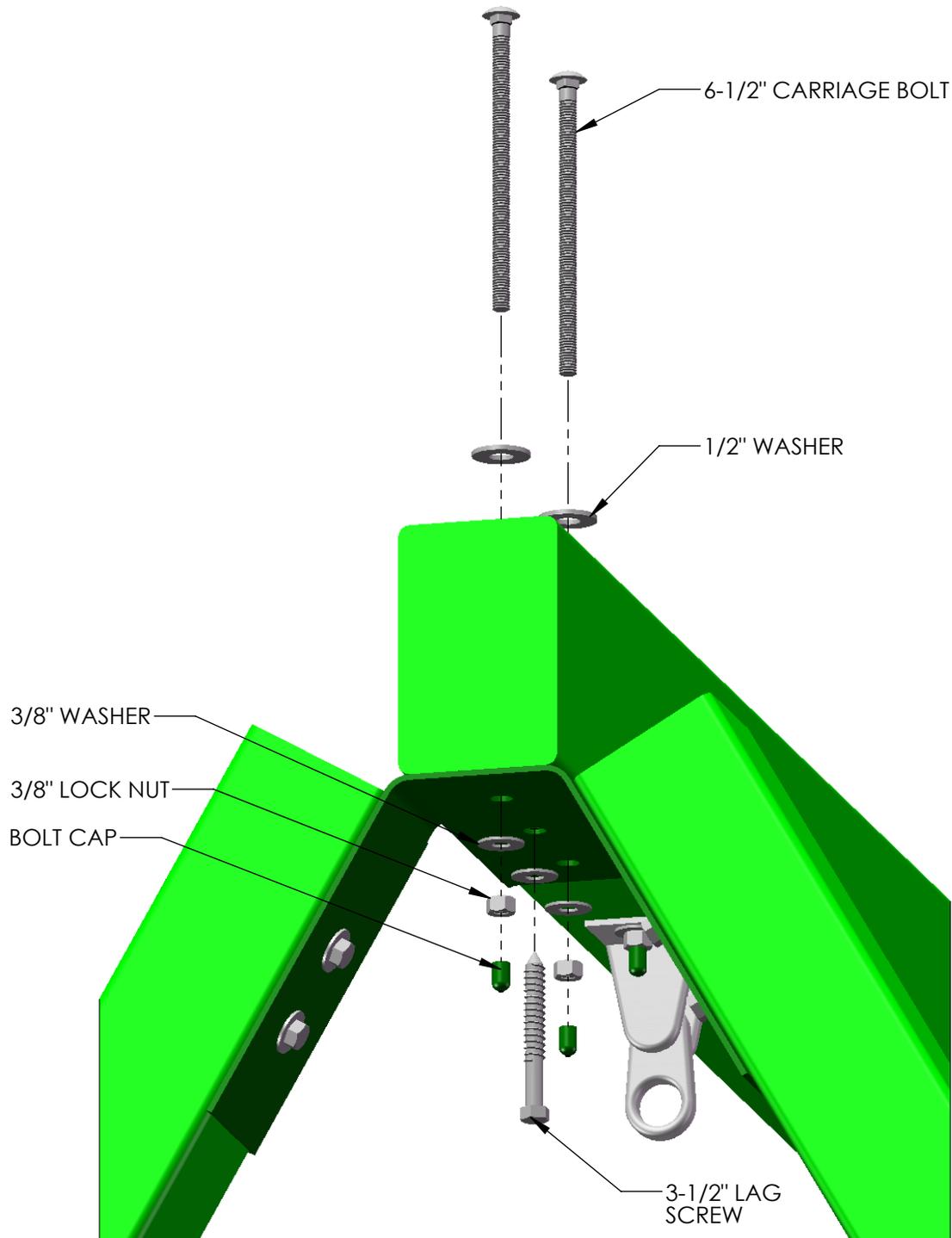


## STEP 32: MOUNT SWING BEAM TO SWING BEAM LEGS

1: FASTEN THE SWING BEAM TO THE SWING BEAM BRACKET USING 6-1/2" CARRIAGE BOLTS WITH 1/2" WASHERS ON TOP OF THE SWING BEAM, AND 3/8" LOCK NUTS WITH 3/8" WASHERS FROM UNDERNEATH.

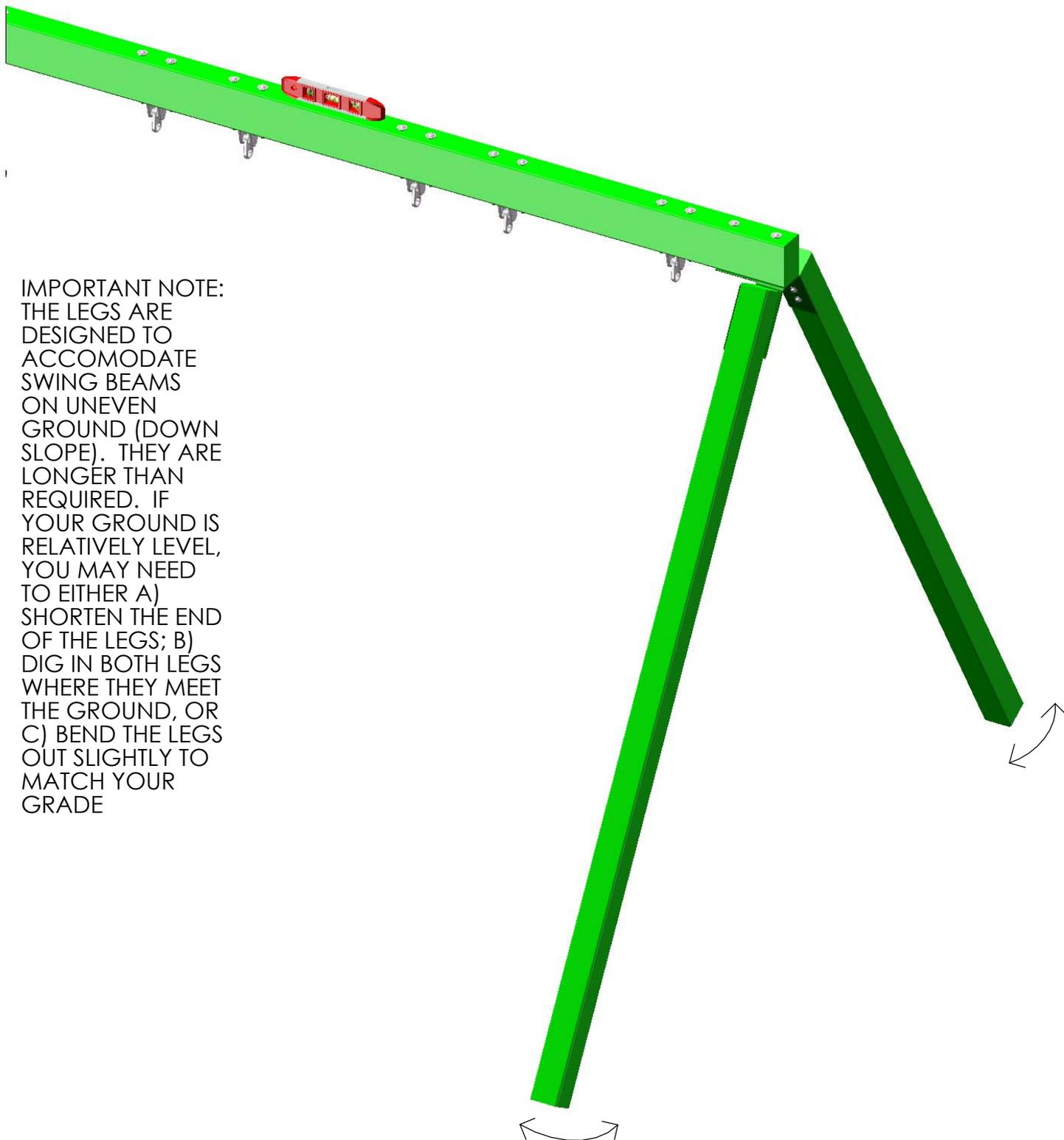
2: USE A 3-1/2" LAG SCREW WITH 3/8" WASHER FOR THE HOLE IN THE CENTER OF THE SWING BEAM BRACKET.

3: PLACE A BOLT CAP OVER ANY EXPOSED THREADS.



## STEP 33: LEVEL SWING BEAM

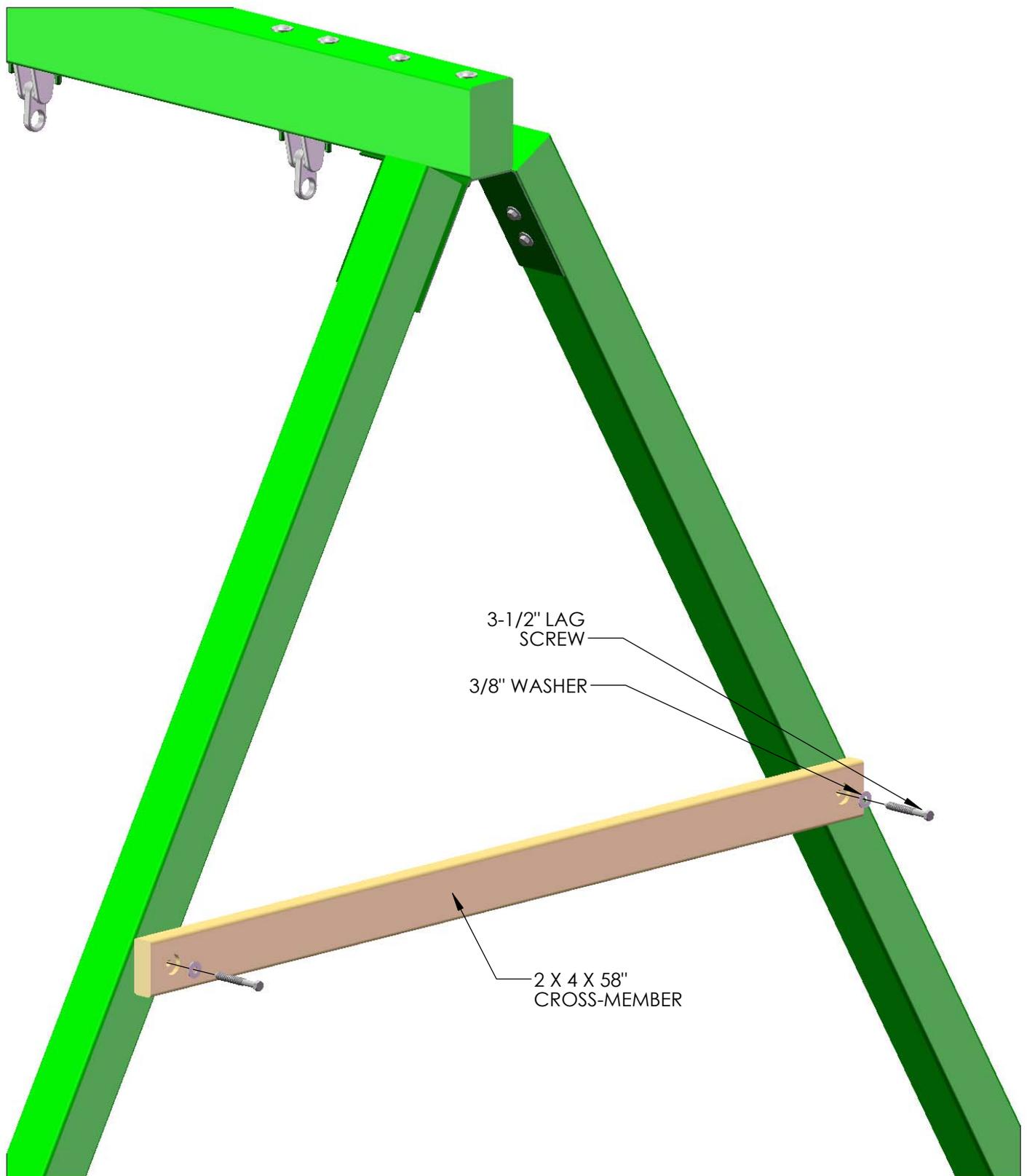
1: PLACE A LEVEL ON TOP OF THE SWING BEAM AND ADJUST THE BEAM LEGS IN OR OUT AS NEEDED TO MAKE THE SWING BEAM LEVEL.



IMPORTANT NOTE:  
THE LEGS ARE  
DESIGNED TO  
ACCOMODATE  
SWING BEAMS  
ON UNEVEN  
GROUND (DOWN  
SLOPE). THEY ARE  
LONGER THAN  
REQUIRED. IF  
YOUR GROUND IS  
RELATIVELY LEVEL,  
YOU MAY NEED  
TO EITHER A)  
SHORTEN THE END  
OF THE LEGS; B)  
DIG IN BOTH LEGS  
WHERE THEY MEET  
THE GROUND, OR  
C) BEND THE LEGS  
OUT SLIGHTLY TO  
MATCH YOUR  
GRADE

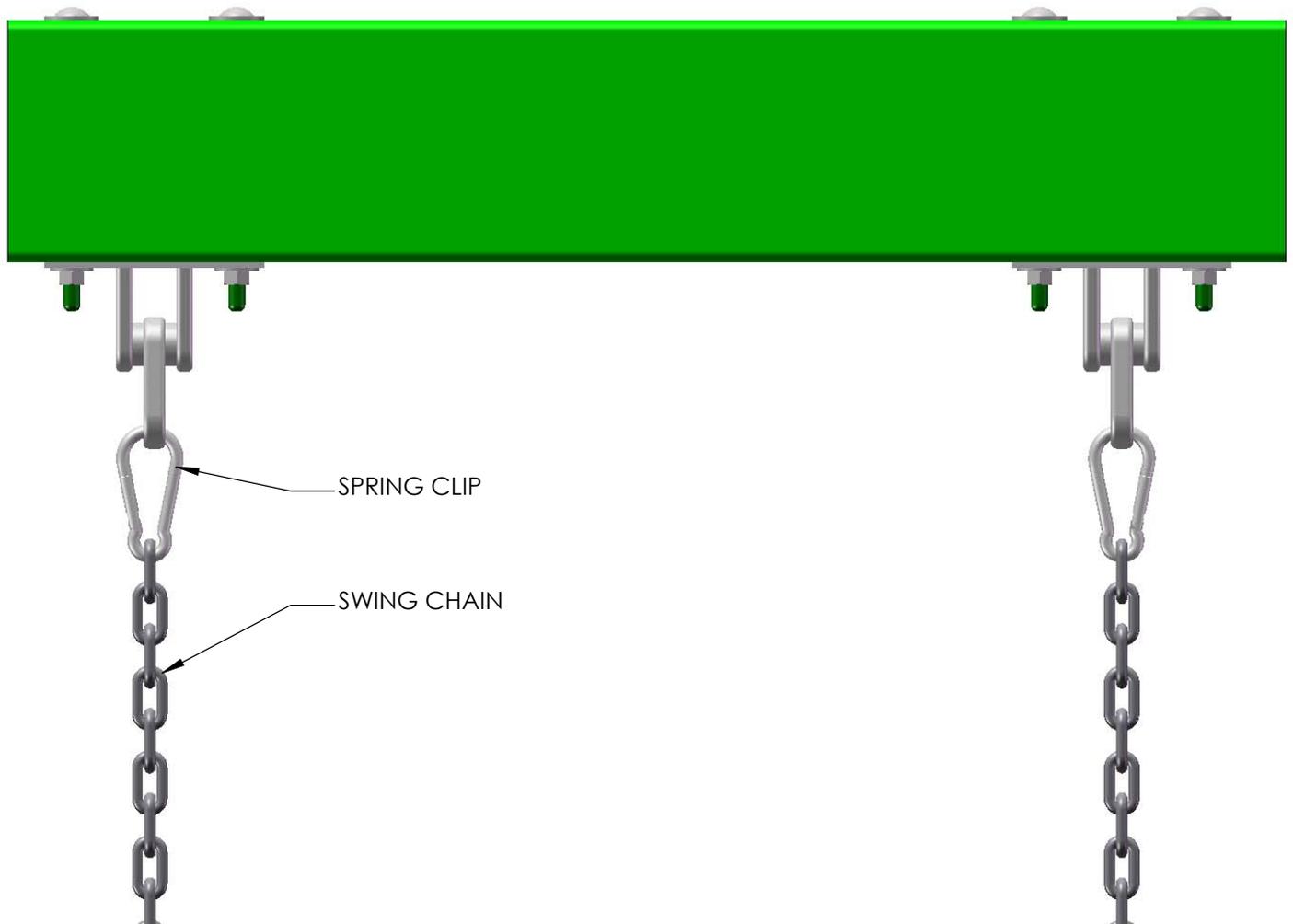
## STEP 34: SWING LEG CROSS-MEMBER

- 1: POSITION THE 2 X 4 X 58" SWING LEG CROSS-MEMBER AGAINST THE SWING BEAM LEGS.
- 2: LEVEL CROSS-MEMBER AND MARK THE LOCATION OF THE SECURING HOLES INSIDE THE CROSS-MEMBER HOLES.
- 3: USE 3-1/2" LAG BOLTS WITH 3/8" WASHERS TO SECURE THE CROSS-MEMBER TO THE SWING BEAM LEGS.



## STEP 35: HANGING THE SWINGS

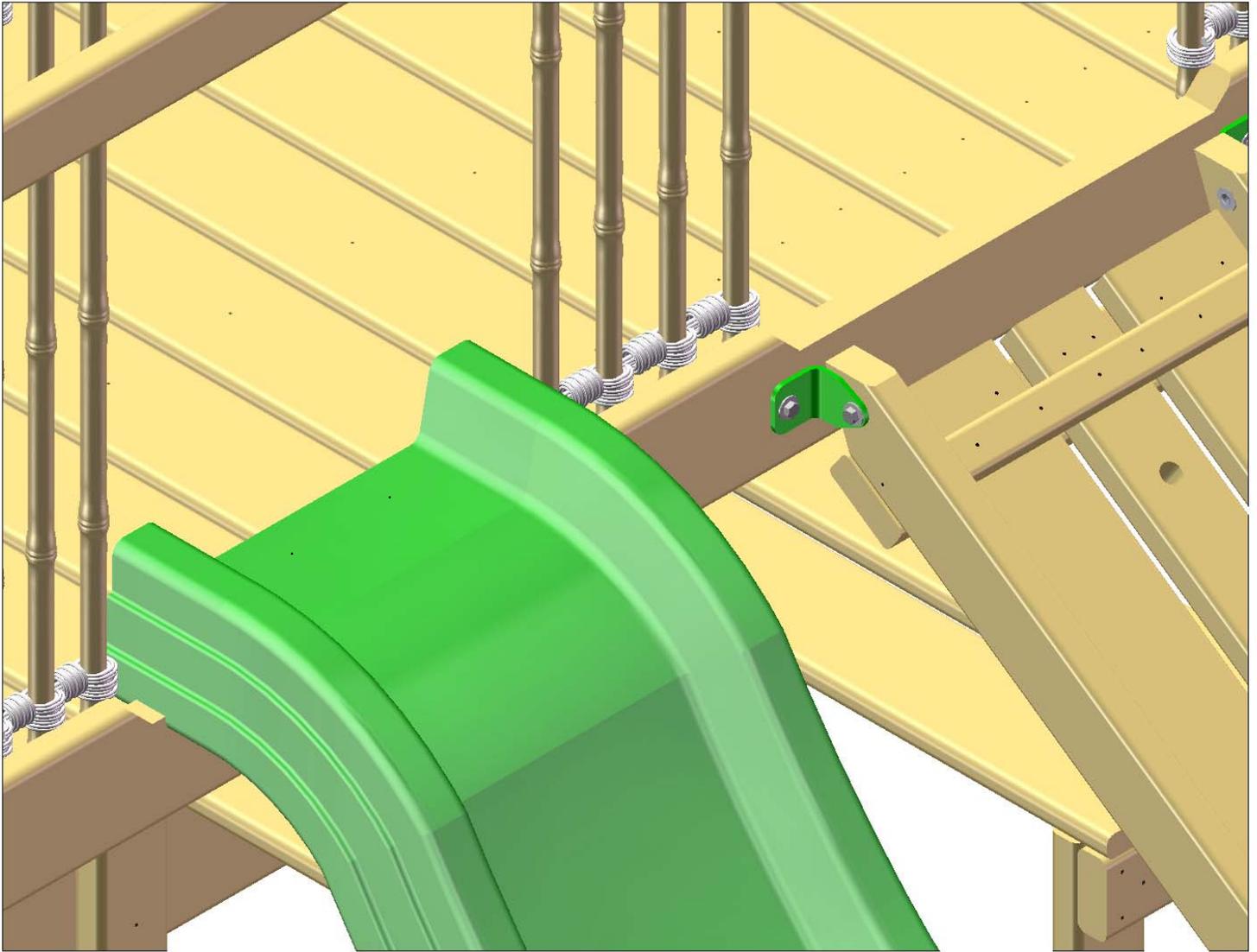
- 1: START BY ATTACHING ONE SPRING CLIP TO EACH IRON DUCTILE ON THE SWING BEAM.
- 2: ATTACH ONE CHAIN PER ACCESSORY TO EACH SPRING CLIP.
- 3: ADJUST HEIGHT AS NEEDED



## STEP 36: MOUNTING THE SLIDE

1: POSITION THE SLIDE SO THAT IT RESTS FLUSH ON THE DECK BOARDS IN THE FRONT OPENING.

2: FASTEN TO THE FORT WITH 1-1/4" WOOD SCREWS



# WARRANTY REGISTRATION CARD - TIKI TREEHOUSE

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Email: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Place of Purchase: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Name of Playset: \_\_\_\_\_

Please, check the boxes below.

Your age?

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

How old are your children?

- 2-3    4-5    6-7    8+

How would you rate the quality of our product?

- Excellent    Above average    Average    Below average    Poor

Would you recommend this product?

- Yes    No

Comments:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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