

## Clatter Bridge and Tower Add-On Assembly Manual

Copyright © 2012 Gorilla Playsets™  
All Rights Reserved

Gorilla Playsets, Inc. • 190 Etowah Industrial Court • Canton, GA 30114  
(800) 882-0272 • [www.gorillaplaysets.com](http://www.gorillaplaysets.com)

Latest Revision: March 9, 2012



## Clatter Bridge and Tower Add-On

### **IMPORTANT INFORMATION:**

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

Please do not return this product to the retailer

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

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

Contact Information:

### **gorilla playsets®**

190 Etowah Industrial Court

Canton, GA 30114

Tel. (678) 880-3328

Fax. (678) 880-3329

(800) 882-0272

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

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

## Thank you for choosing **gorilla playsets®** 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 11. **gorilla playsets®** 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 Gorilla Playsets, 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.

### Premium Preserved Pine

Our Premium Preserved Pine is double kiln dried. We utilize this process to minimize shrinkage, warping, and cupping. Because our pine has been "pre-shrunk", the hardware used to assemble your playset will hold tight, stay tight, and won't loosen or weaken. Our preserved pine is clean, odorless, non-staining, and non-irritating to humans, animals, or plants. Gorilla's Preserved Pine uses one of the only exterior wood preservation systems that is EPA approved. Our pine lumber is preserved with a preservative system containing copper and quaternary compounds to protect against termite attack and fungal decay. Our Premium Preserved Pine can withstand harsh weather conditions and is effective for decades, Making Gorilla Playsets the best choice in pine lumber built swing 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 Gorilla Playsets 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

**gorilla playsets®** ("Gorilla") 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.

**gorilla playsets®** 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 **gorilla playsets®** at 190 Etowah Industrial Court, Canton, Georgia 30114. Any part(s) returned to **gorilla playsets®** 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. **gorilla playsets®** 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. **gorilla playsets®** 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. **gorilla playsets®** 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.

**gorilla playsets®** 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.

## WEIGHT LIMITS FOR GORILLA PLAYSETS

- FORT PLATFORMS: 800 LBS. TOTAL WEIGHT
- SWING BELTS: 175 LBS.
- GLIDER SWINGS: 70 LBS. PER CHILD
- 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.
- ALL SLIDES: 150 LBS.

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

## **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.

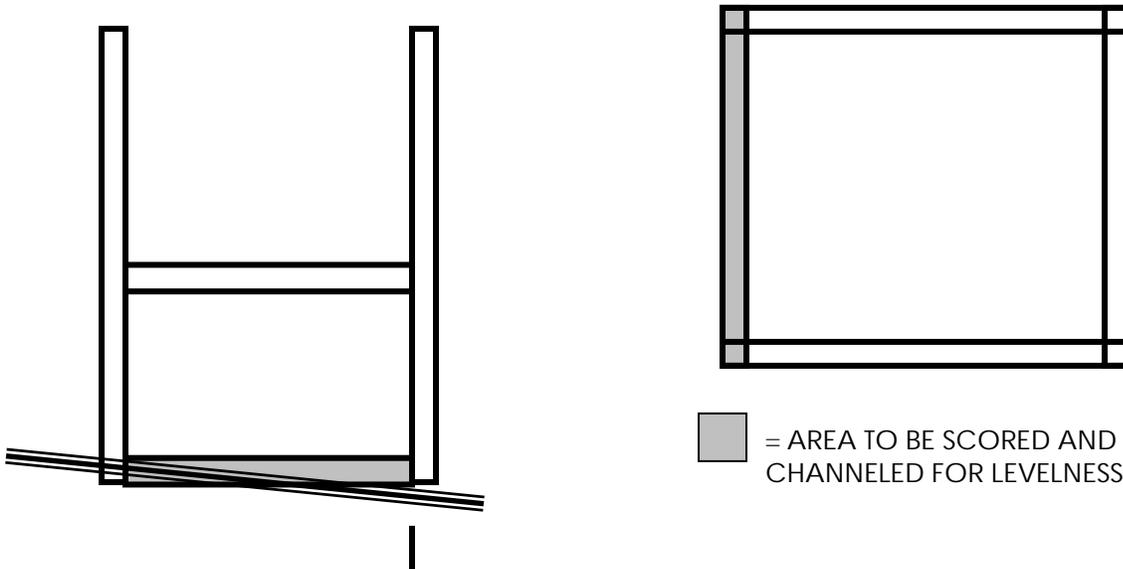
Swings should have a fall zone extending a minimum of 6' from the outer edge of the support structure on each side. The fall zone in front and back of the swing should extend out a minimum distance of twice the height of the swing as measured from the ground to the top of the swing support structure.

## 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.

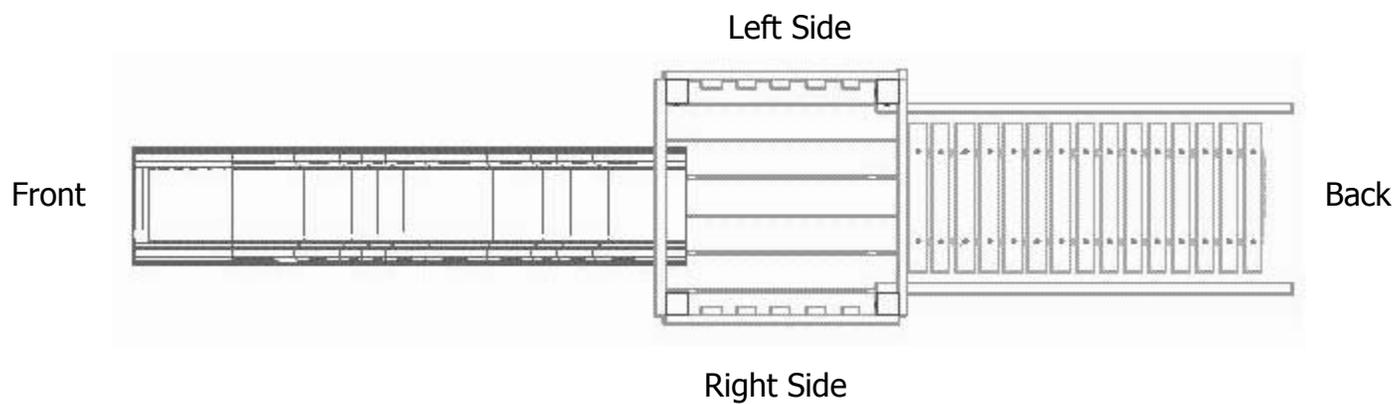
Important: if you require a channel depth of more than 6", then we recommend you have your play set area professionally graded before completing assembly.

*Example play area:*



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

**SITE PLAN:**



**Playset height: 7'**

**Approximate assembly time: 4 Hours**

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

## General Info to Review before Installation

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

**Offset Holes-** Throughout the installation procedure we will refer to parts with offset holes. This refers to the orientation of the holes on 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.

**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 bolt and washer or nut and washer will occupy the counter sunk hole.

**Lag Bolts-** Lag bolts are used in the construction of our playsets to enhance the structural 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 necessary 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.

### REQUIRED TOOL LIST (Not included)

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

1/8" Drill Bit	Extension Cord (if using standard drill)
3/8" Drill Bit	Hammer
1/2" Wrench or Socket	Pencil
9/16" Wrench or Socket	Vise Grips
Level	1" Paddle Drill Bit
Tape Measure	

# Clatter Bridge and Tower Kit Contents

**Components**

Description

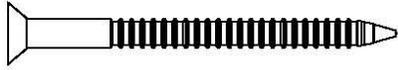
Qty

Check List

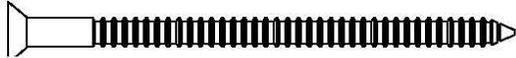
The Assembly Manual

1

\_\_\_\_\_



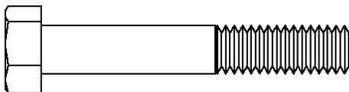
#8 x 2" WOOD SCREW  
QUANTITY: 84



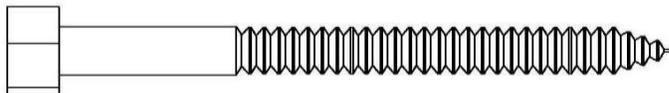
#8 x 2 1/2" WOOD SCREW  
QUANTITY: 6



5/16" x 4 1/2" HEX HEAD BOLT  
QUANTITY: 24

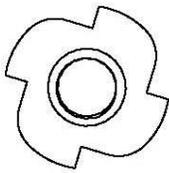


5/16" x 1 3/4" HEX HEAD BOLT  
QUANTITY: 30

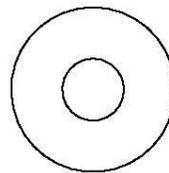


5/16" x 3 1/2" HEX HEAD BOLT  
QUANTITY: 20

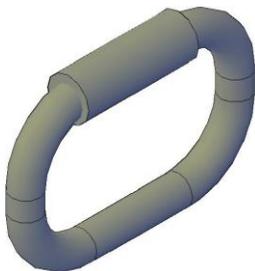
5/16" LONG BARREL T-NUT  
QUANTITY: 54



5/16" FLAT WASHER  
QUANTITY: 108

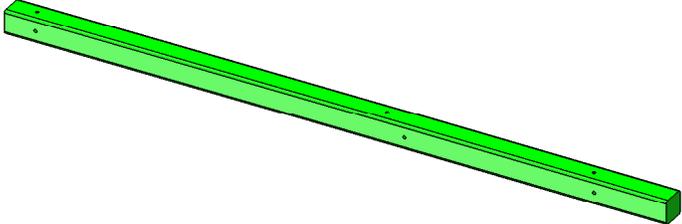
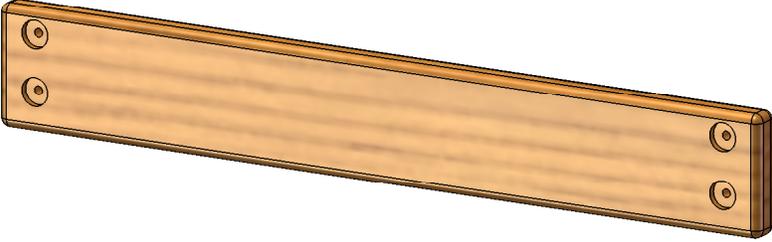
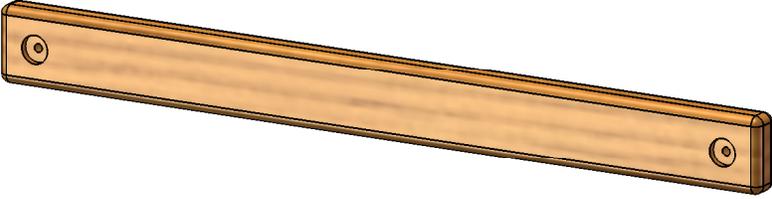
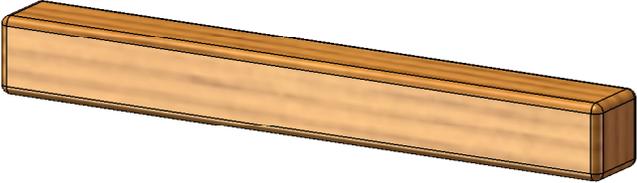
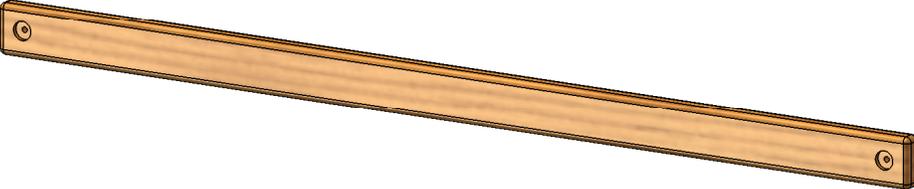
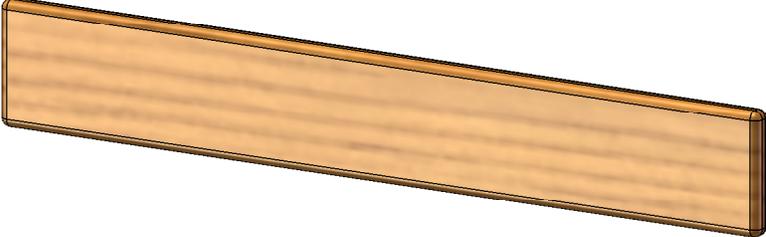
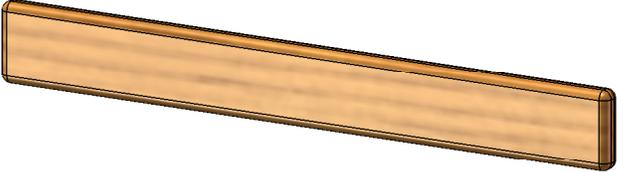


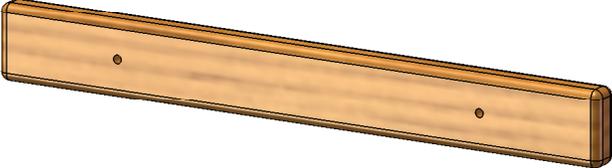
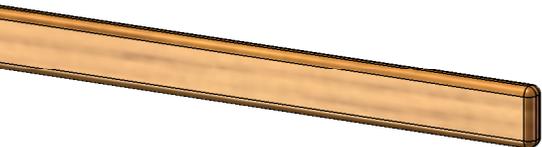
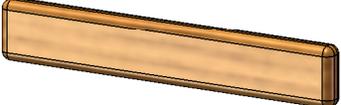
#2 Square Driver Bit  
Quantity: 1



QUICK LINK  
QUANTITY: 2

BRIDGE CHAIN 3/16 X 94"  
QUANTITY: 2

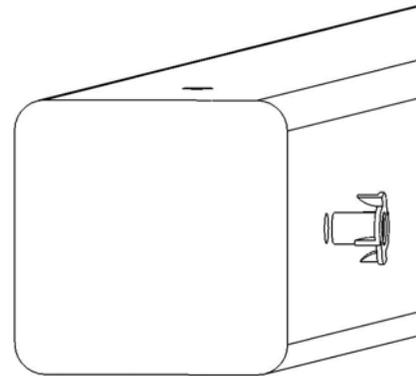
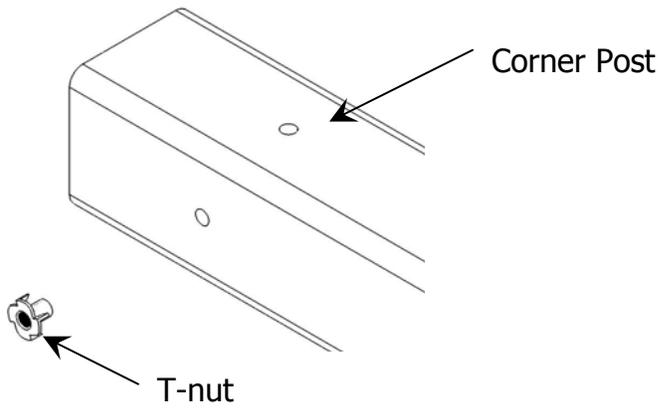
PICTURE	DESCRIPTION	QTY.
	<p>4 x 4 x 96" CORNER POST</p>	<p><b>4</b></p>
	<p>2 X 6 X 36-3/4" SANDBOX BOARDS</p>	<p><b>6</b></p>
	<p>2 X 4 X 36-3/4" TOP PANEL BOARD</p>	<p><b>8</b></p>
	<p>4 X 4 X 29" CENTER POST</p>	<p><b>1</b></p>
	<p>2 X 4 X 66" SAFETY RAIL</p>	<p><b>4</b></p>
	<p>5/4 X 6 X 36-11/16" DECK BOARD</p>	<p><b>5</b></p>
	<p>5/4 X 4 X 29-3/8" DECK SPACER</p>	<p><b>2</b></p>

PICTURE	DESCRIPTION	QTY.
	<p>2 X 4 X 29" BRIDGE DECK BOARD</p>	<p><b>15</b></p>
	<p>5/4 X 2-5/8" X 28-1/2" PANEL SLAT</p>	<p><b>10</b></p>
	<p>5/4 X 2-5/8" X 16" BRIDGE SLAT</p>	<p><b>20</b></p>

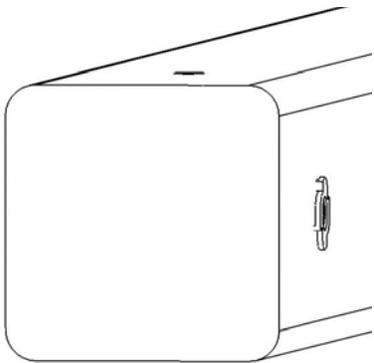
# Common installation practice

## Installing T-nuts

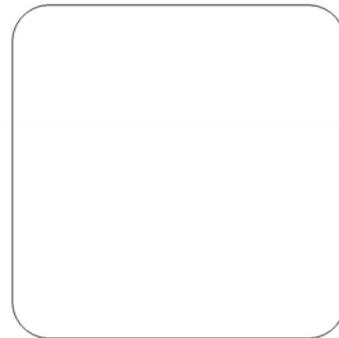
When installing T-nuts into the wood, use a smooth faced hammer to set the face of the T-nut flush into the wood.



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

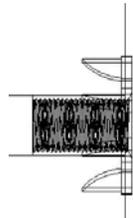


This picture shows the T-nut insert and installed flush to the wood.

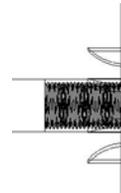


This picture shows an end view of the T-nut insert and installed flush to the wood.  
**WARNING: DO NOT EMBED THE TOP OF THE T-NUT INTO THE FACE OF THE WOOD**

Cross Section end views, you are looking at an X-ray view of the post,



Embedded  
Incorrect



Flush  
Correct

# 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.

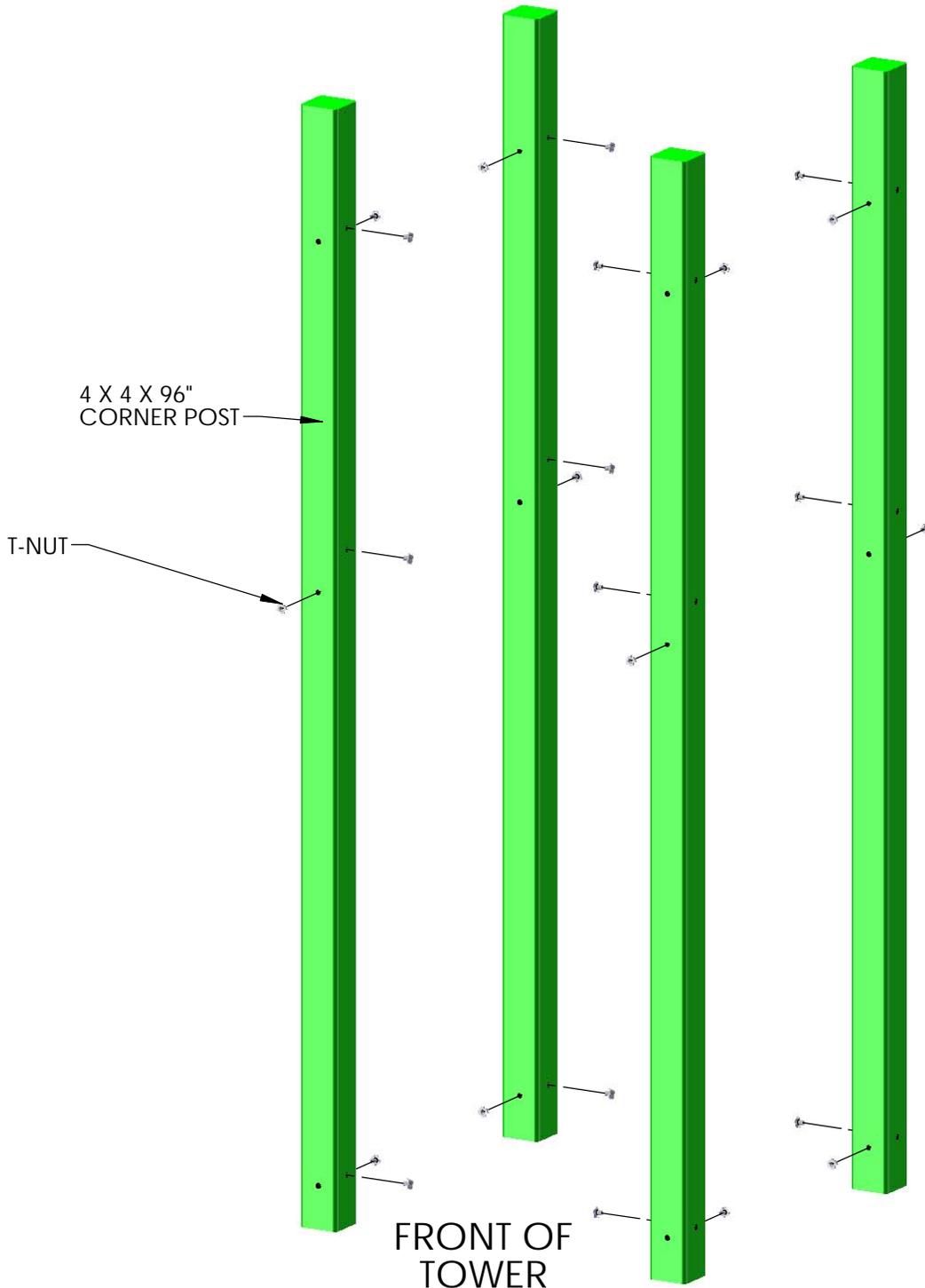
2: MAKE SURE HOLES ARE FREE OF ANY OBSTRUCTIONS. USE A BOLT TO CLEAN OUT ANY DEBRIS.

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.

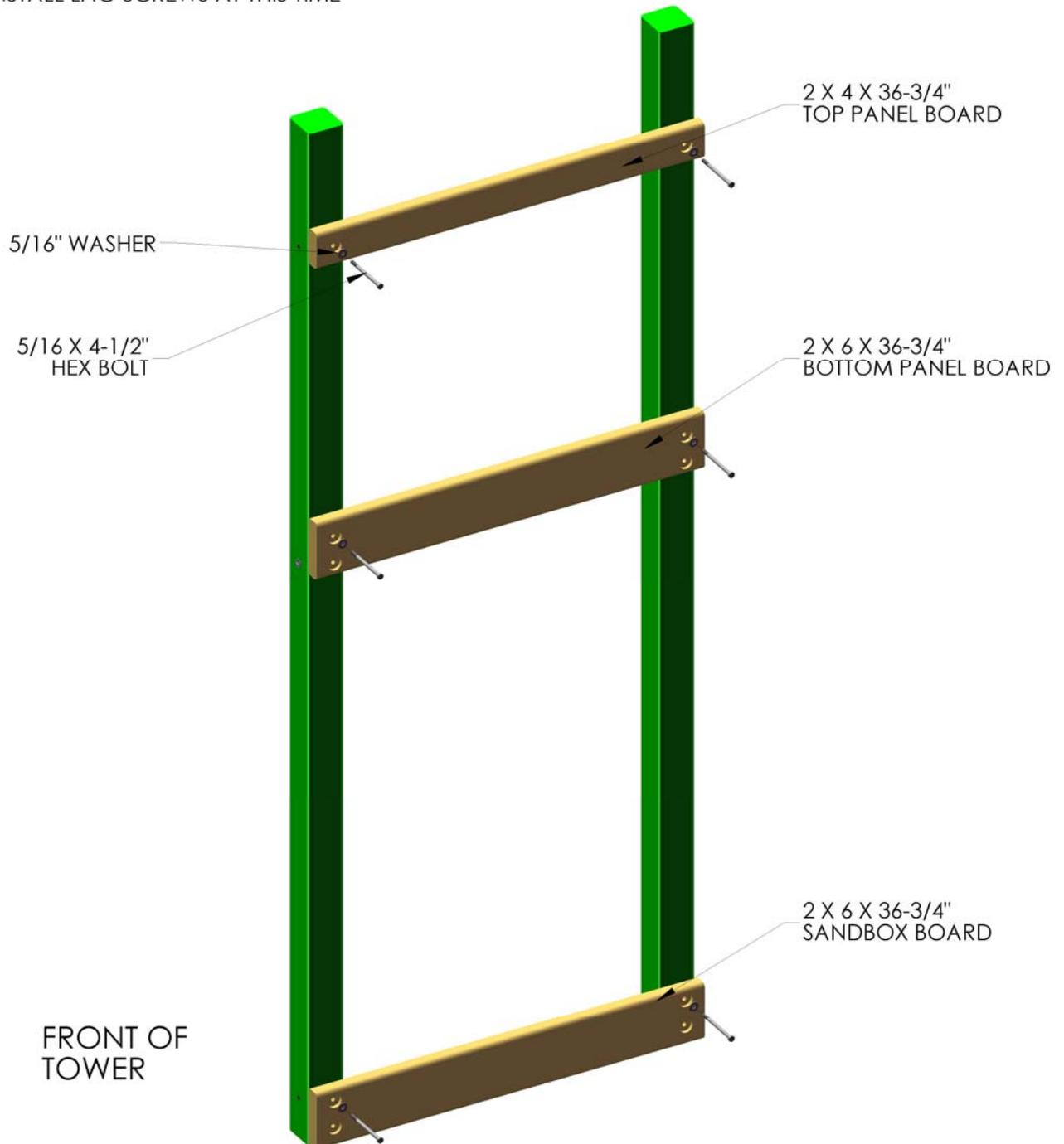
5: USE A HAMMER TO SEAT THE T-NUTS AFTER INSERTING THEM INTO THE HOLES SHOWN IN THE DIAGRAM BELOW.

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.



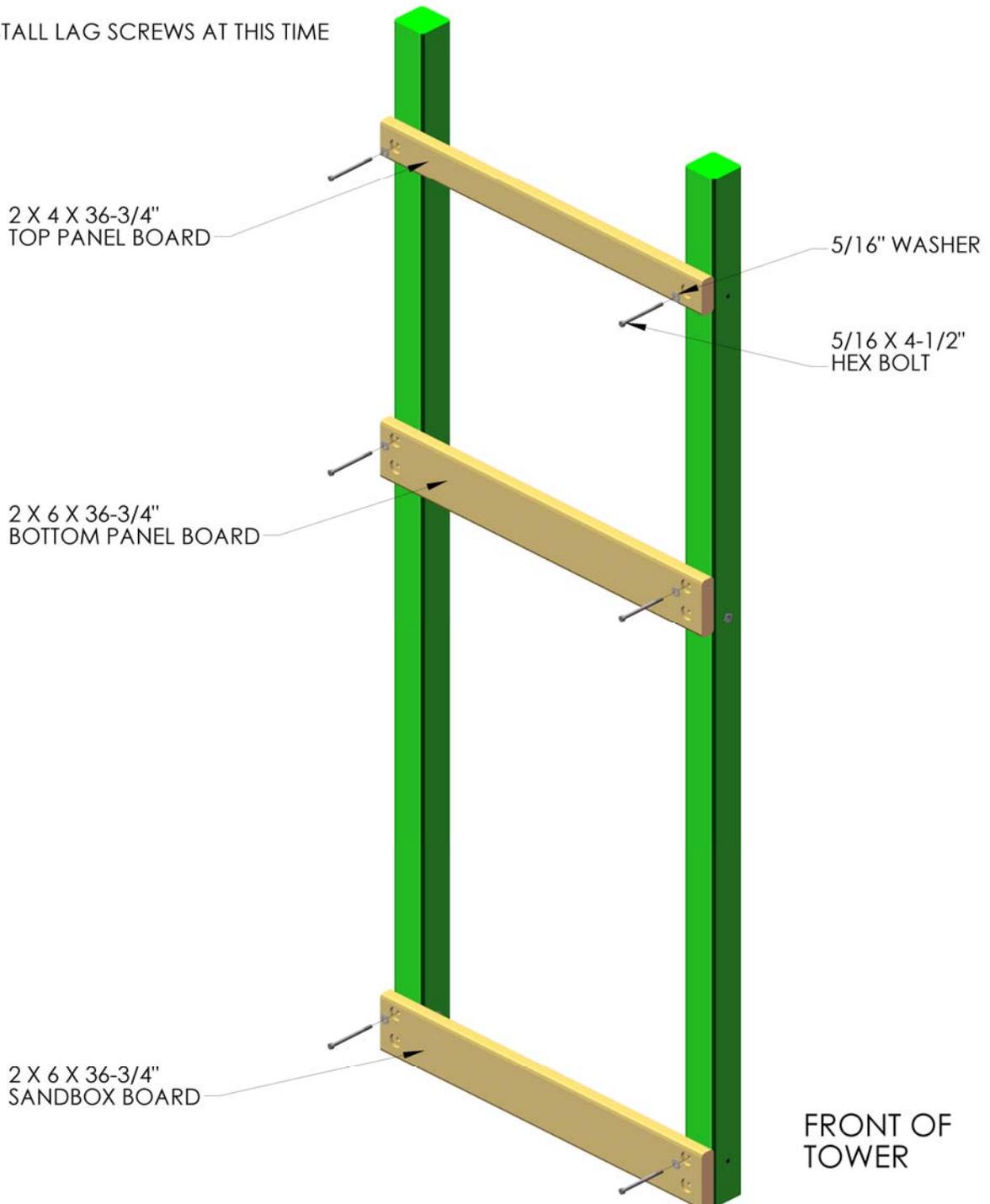
## STEP 2: ASSEMBLING THE RIGHT SIDE FRAME

- 1: LAY THE 2 X 6 X 36-3/4" 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 UPWARD.
- 2: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.
- 3: LAY THE 2 X 6 X 36-3/4" BOTTOM PANEL BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE 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 TOP HOLES OF THE BOTTOM PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.
- 5: LAY THE 2 X 4 X 36-3/4" TOP PANEL BOARD ON TOP OF THE RIGHT SIDE CORNER POSTS.
- 6: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.
- 7: DO NOT INSTALL LAG SCREWS AT THIS TIME



## STEP 3: ASSEMBLING THE LEFT SIDE FRAME

- 1: LAY THE 2 X 6 X 36-3/4" SANDBOX BOARD ON TOP OF THE LEFT SIDE CORNER POSTS AT THE BOTTOM OF THE CORNER POSTS. THE OFFSET HOLES IN THE SANDBOX BOARD MUST FACE UPWARD.
- 2: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE SANDBOX BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.
- 3: LAY THE 2 X 6 X 36-3/4" BOTTOM PANEL BOARD ON TOP OF THE LEFT SIDE CORNER POSTS IN THE MIDDLE OF THE CORNER POSTS. THE OFFSET HOLES IN THE BOTTOM PANEL BOARD MUST FACE UPWARD.
- 4: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE BOTTOM PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS. THE BOTTOM HOLES WILL BE USED LATER.
- 5: LAY THE 2 X 4 X 36-3/4" TOP PANEL BOARD ON TOP OF THE LEFT SIDE CORNER POSTS.
- 6: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.
- 7: DO NOT INSTALL LAG SCREWS AT THIS TIME

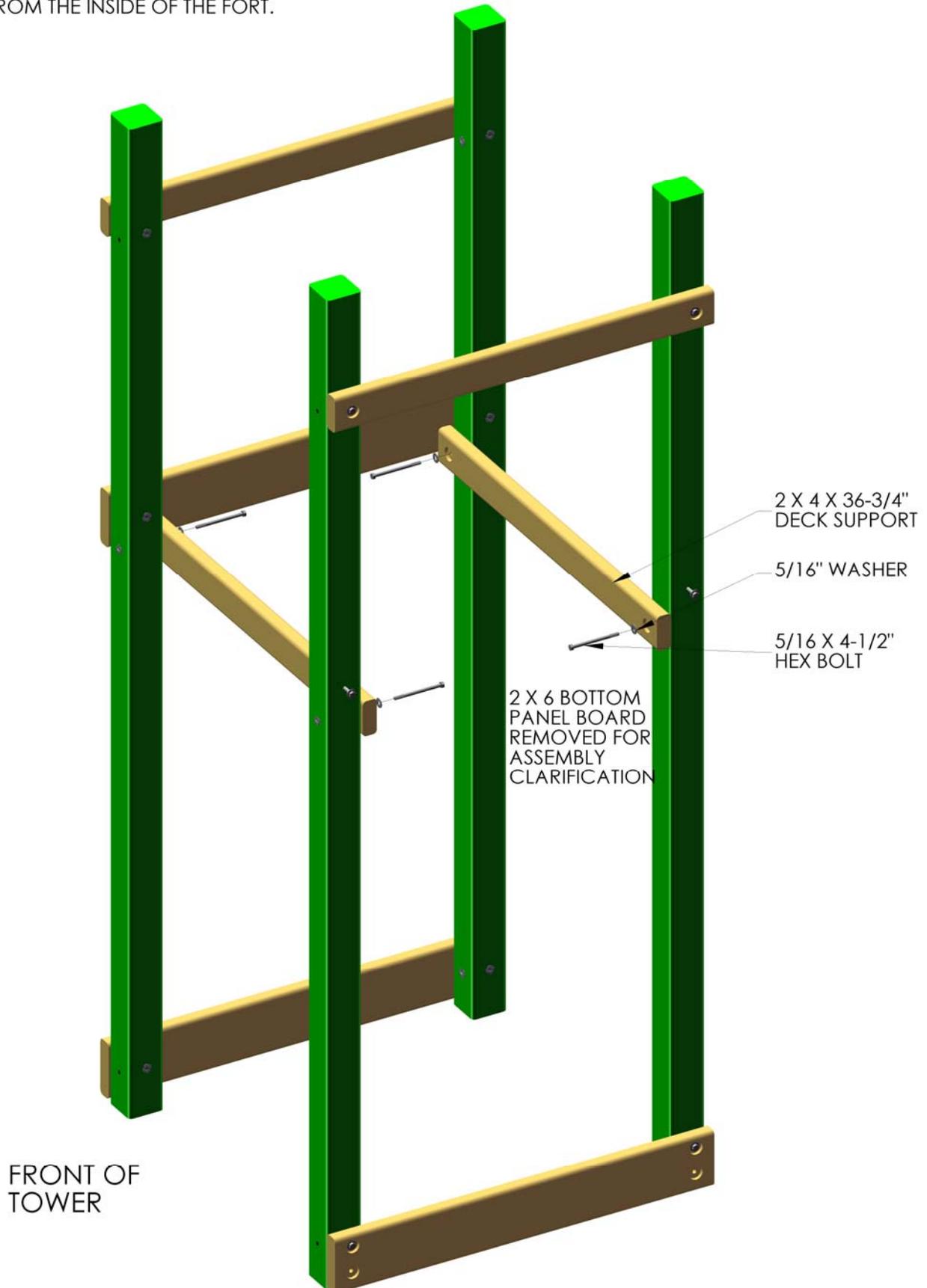


## STEP 4: DECK SUPPORTS

YOU WILL NEED AN EXTRA PERSON FOR THIS STEP.

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

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



## STEP 5: FRONT FRAME ASSEMBLY

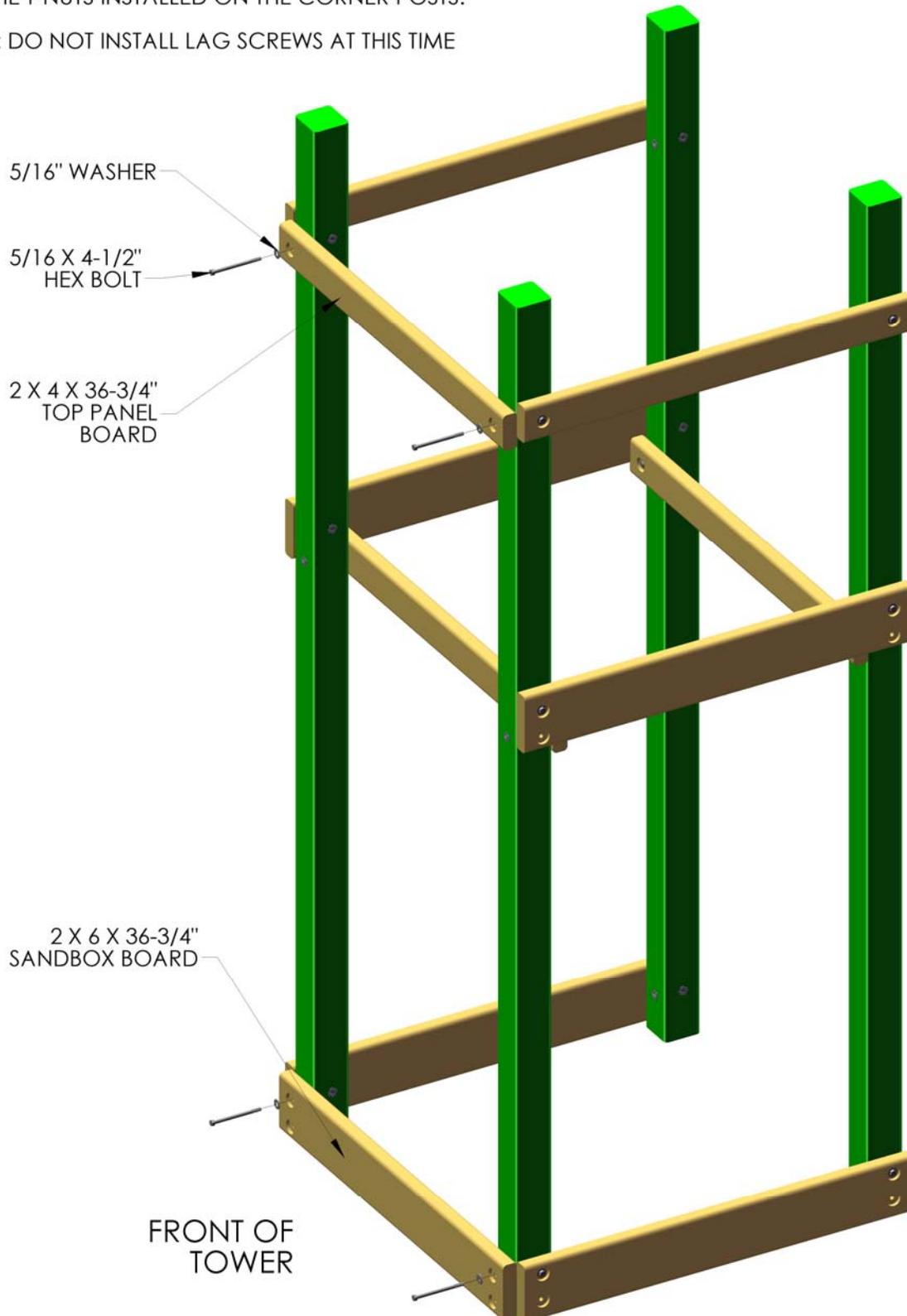
1: PLACE THE 2 X 6 X 36-3/4" SANDBOX BOARD ON THE FRONT OF THE CORNER POSTS. THE OFFSET HOLES IN THE SANDBOX BOARD SHOULD FACE DOWN.

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

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

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

5: DO NOT INSTALL LAG SCREWS AT THIS TIME



## STEP 6: REAR FRAME ASSEMBLY

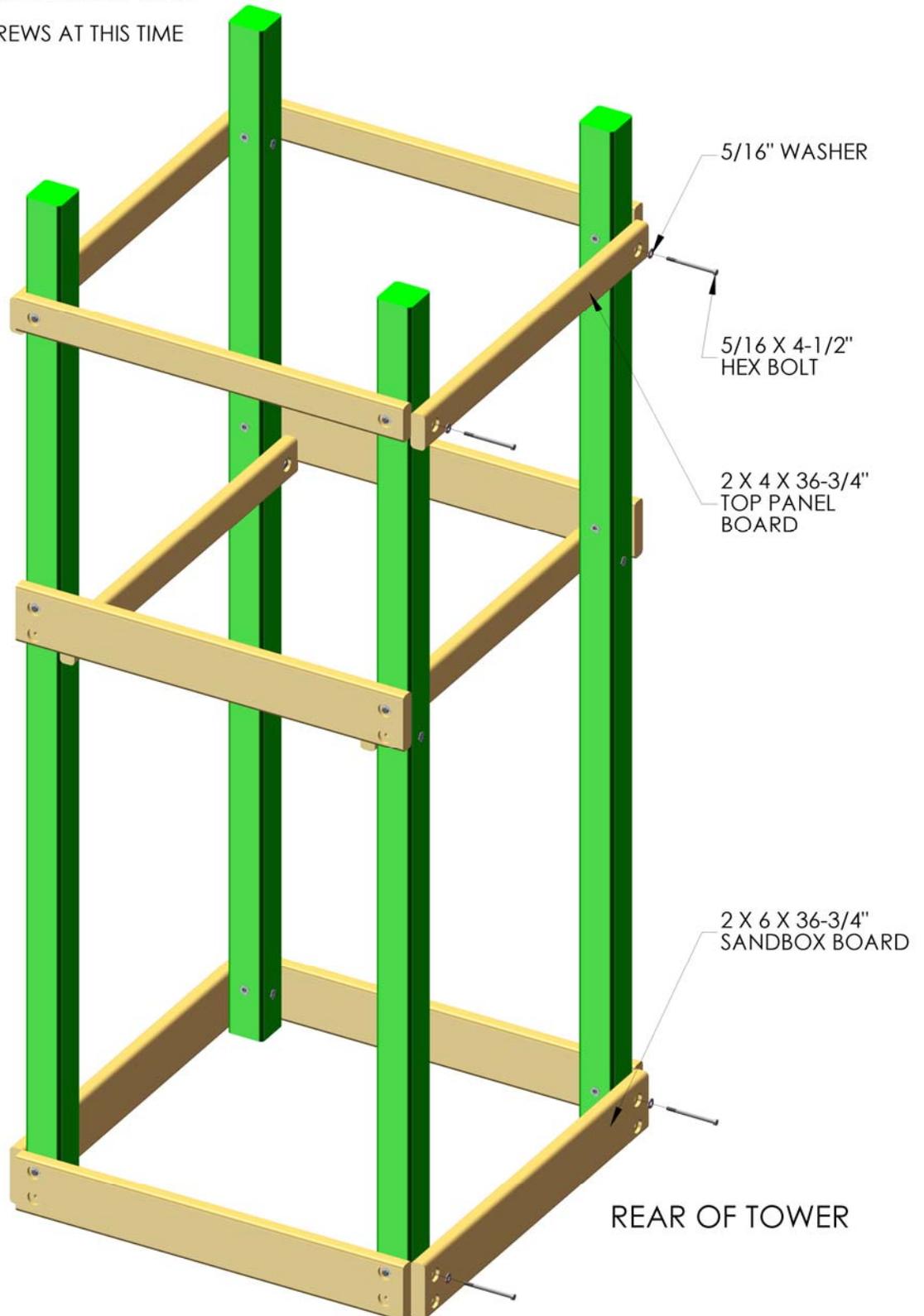
1: PLACE THE 2 X 6 X 36-3/4" SANDBOX BOARD ON THE REAR OF THE CORNER POSTS. THE OFFSET HOLES IN THE SANDBOX BOARD SHOULD FACE DOWN.

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

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

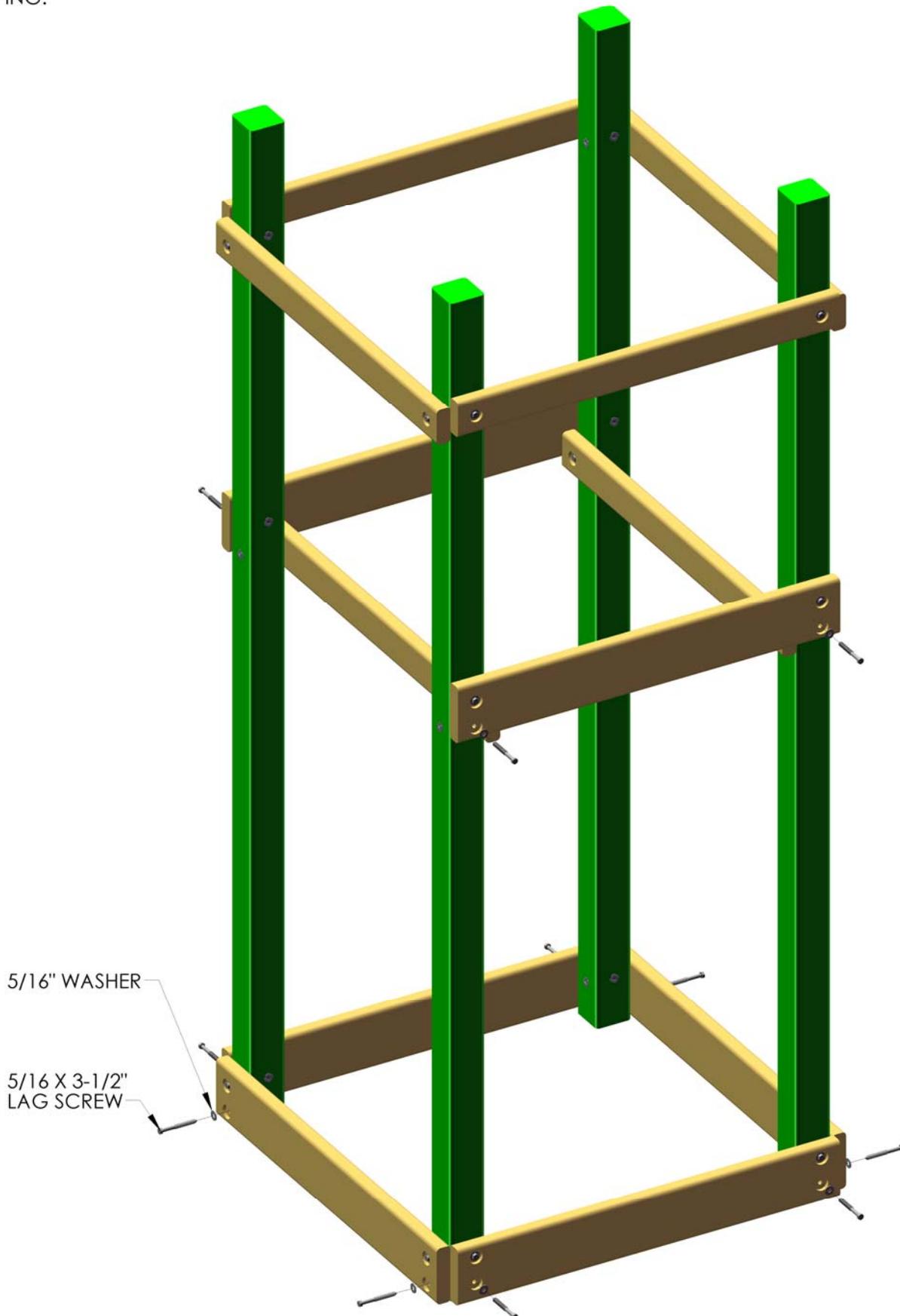
4: USE 5/16 X 4-1/2" HEX BOLTS AND 5/16" WASHERS TO ATTACH THE TOP HOLES OF THE TOP PANEL BOARD TO THE T-NUTS INSTALLED ON THE CORNER POSTS.

5: DO NOT INSTALL LAG SCREWS AT THIS TIME



## STEP 7: LAG SCREWS

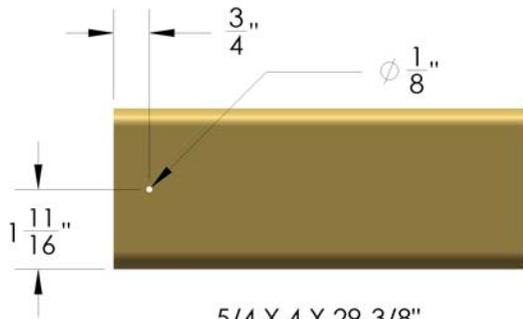
1: PLACE THE FRAME IN ITS FINAL POSITION AND FOLLOW THE PROCEDURES AT THE FRONT OF THE MANUAL TO LEVEL AND SQUARE THE STRUCTURE. ONCE THE FRAME IS LEVEL, SQUARE, AND SET INTO POSITION; GO BACK AND INSERT THE 5/16 X 3-1/2" LAG SCREWS AND 5/16" WASHERS IN ALL OF THE REMAINING HOLES OF THE 2 X 6 PARTS.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



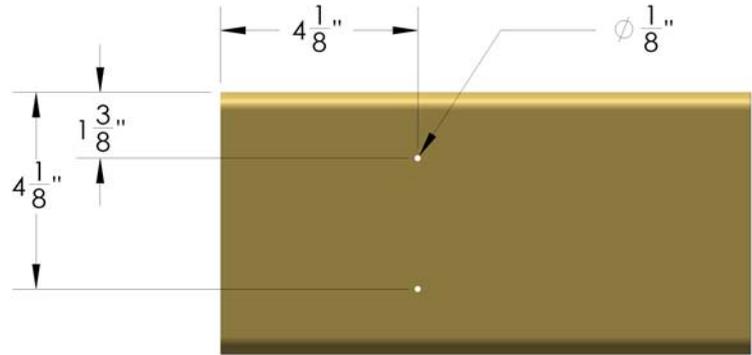
## STEP 8: DECK BOARDS

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

1: 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.

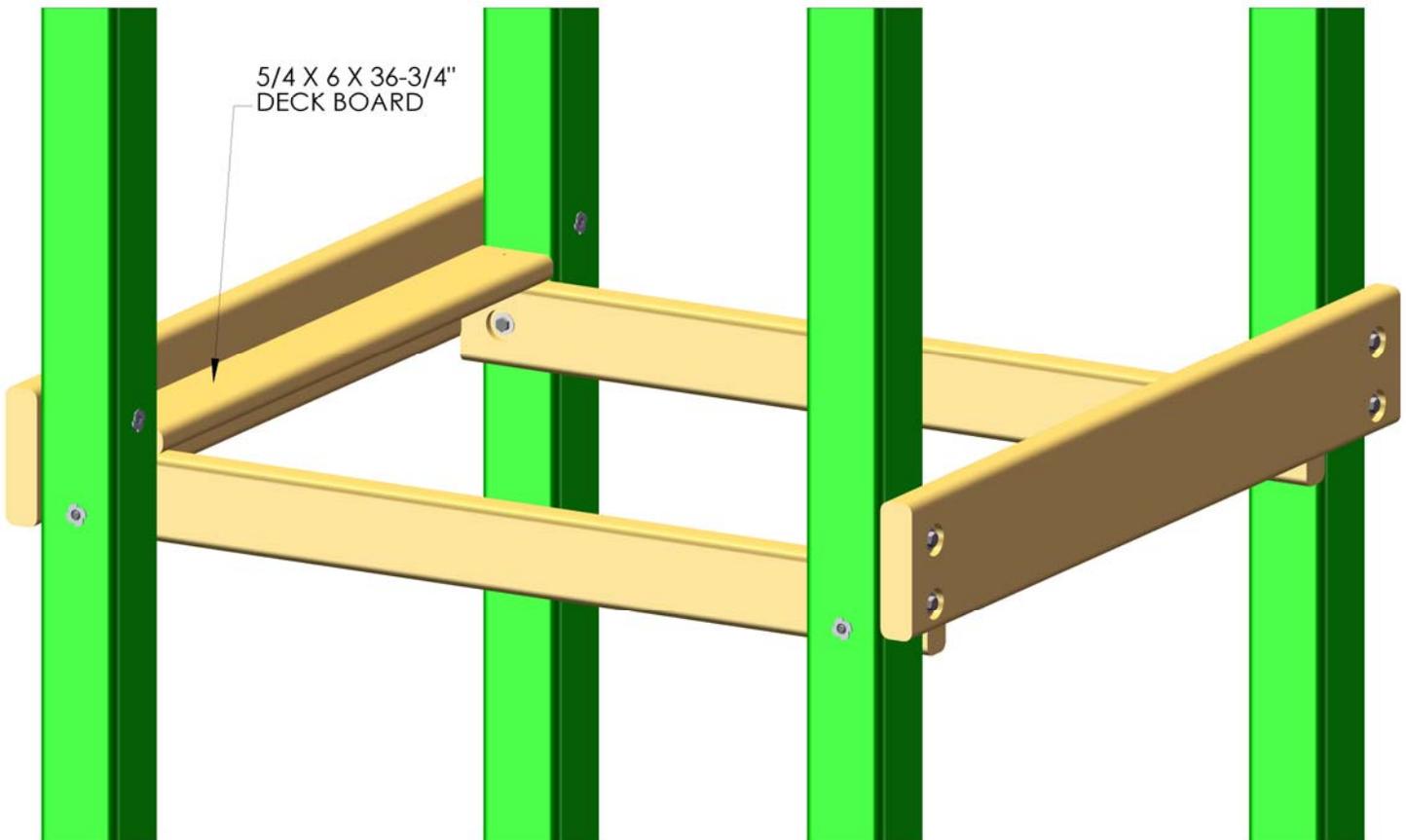


5/4 X 4 X 29-3/8"  
DECK SPACER



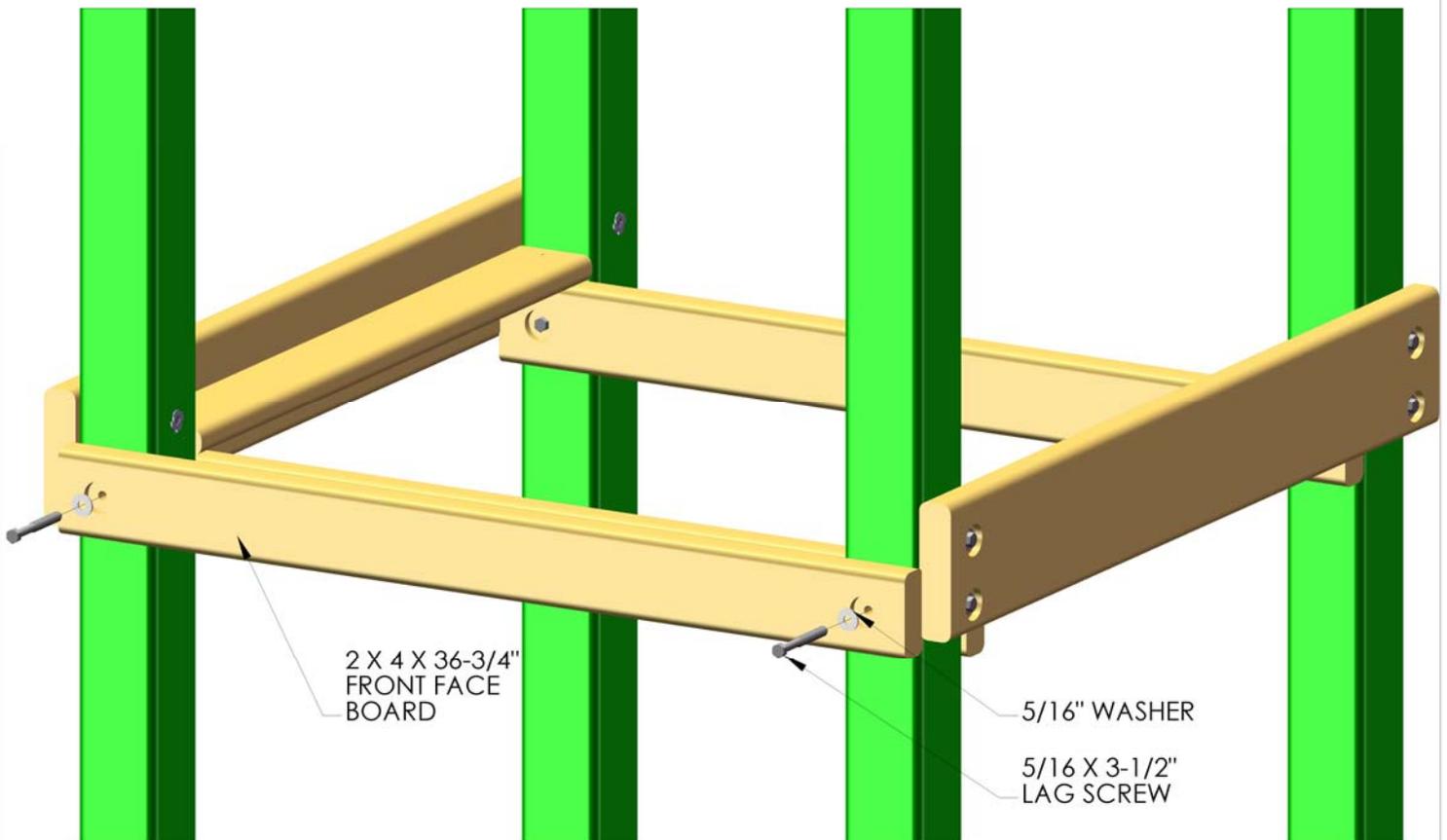
5/4 X 6 X 36-3/4"  
DECK BOARD

2: START WITH THE 5/4 X 4 X 29-3/8" DECK SPACER AT ONE END OF THE FORT. CENTER THE BOARD BETWEEN THE CORNER POSTS AND ATTACH IT WITH 2" WOOD SCREWS THROUGH THE PREDRILED HOLES AND INTO THE DECK SUPPORT BELOW. NOTE: THE TOP OF THE SCREW HEAD SHOULD BE FLUSH TO THE TOP OF THE DECK BOARD.



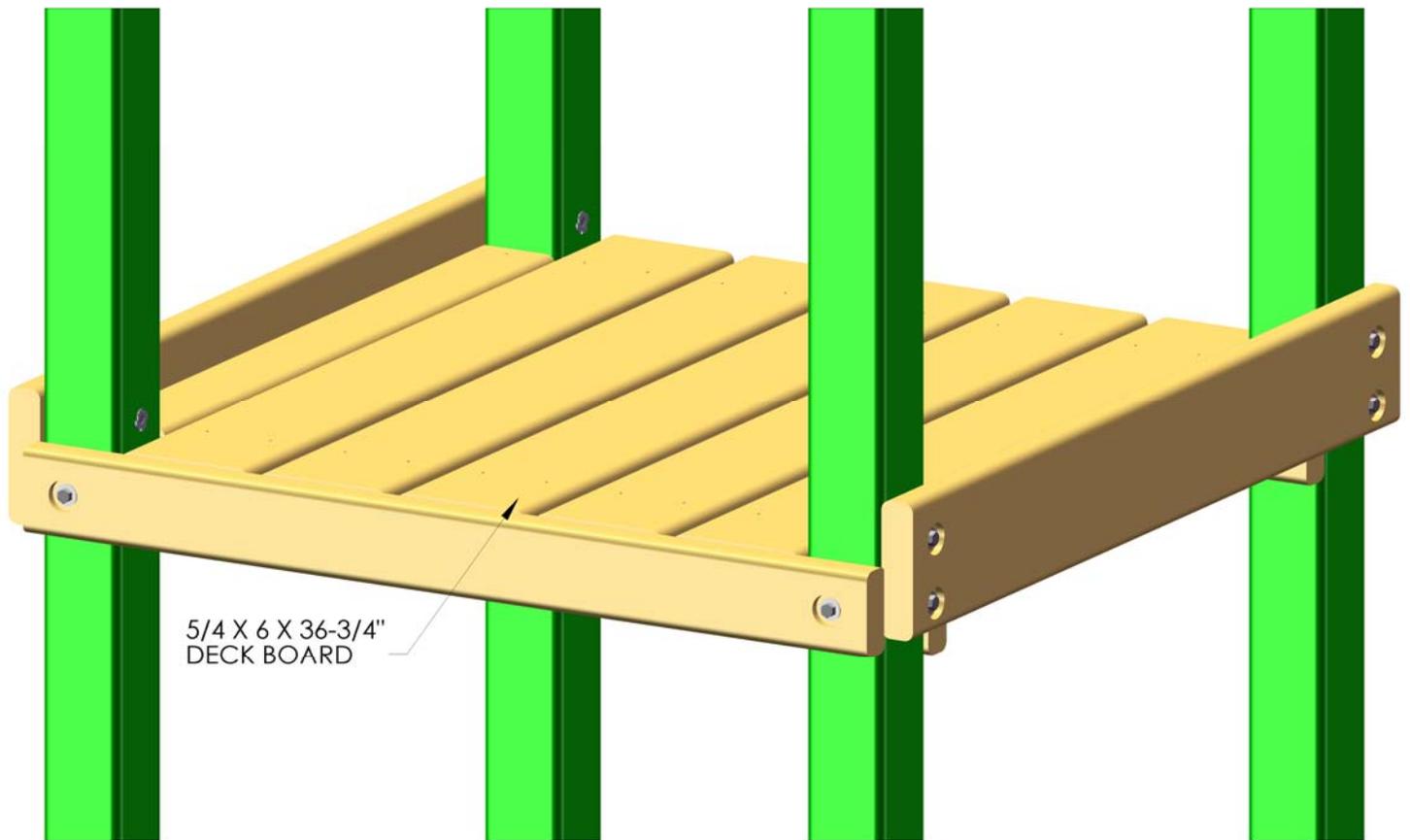
## STEP 9: FRONT FACE BOARD

- 1: PLACE THE 2 X 4 X 36-3/4" FRONT FACE BOARD AGAINST THE FRONT CORNER POSTS, AND LEVEL THE TOP OF THE BOARD WITH THE TOP OF THE DECK.
- 2: FASTEN THE FRONT FACE BOARD TO THE CORNER POSTS WITH 5/16 X 3-1/2" LAG SCREWS WITH 5/16" WASHERS.



## STEP 10: DECK

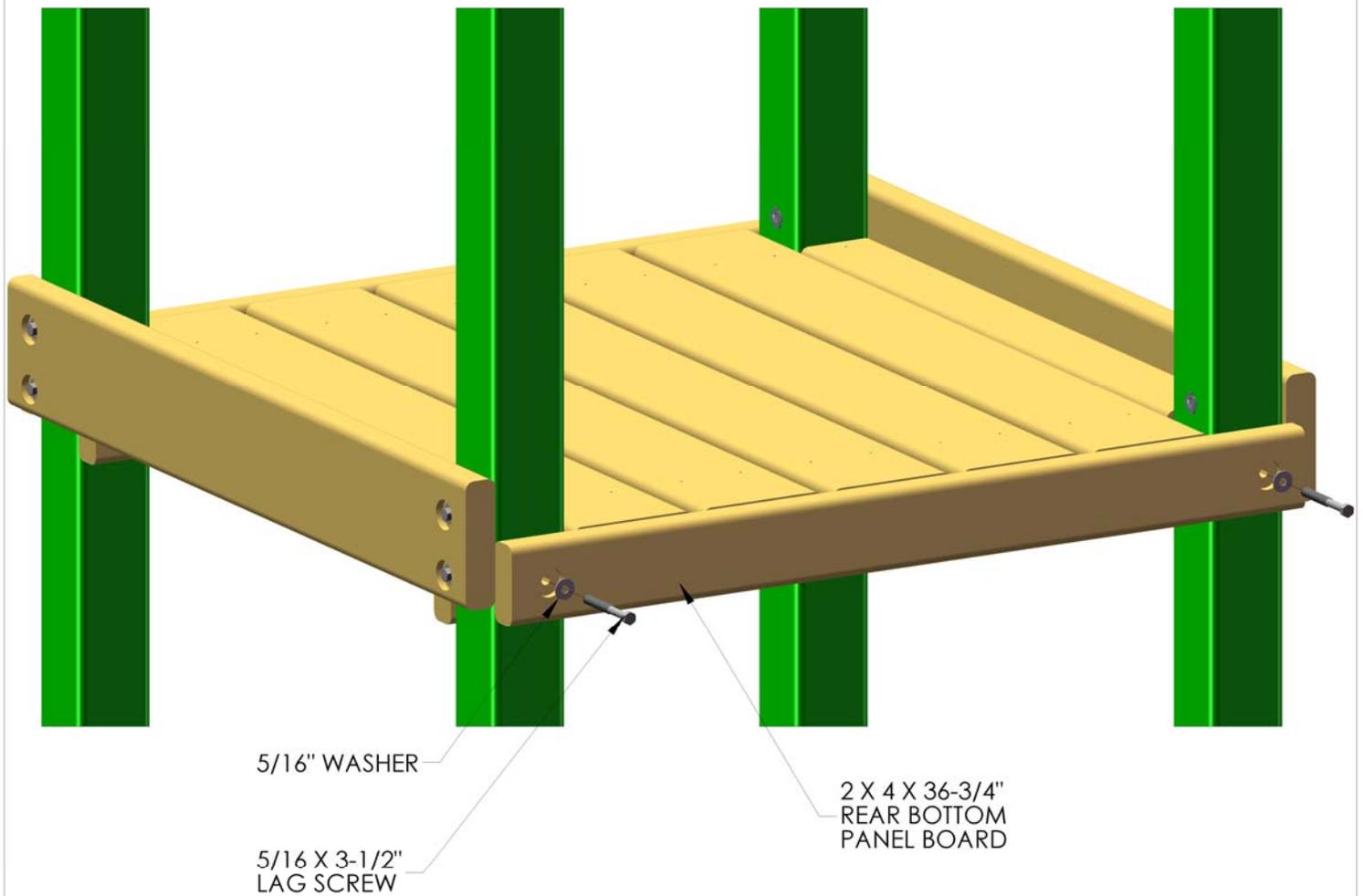
1: INSTALL THE 5/4 X 6 X 36-3/4" DECK BOARDS. LEAVE A UNIFORM (APPROX. 1/4") SPACE BETWEEN THE DECK BOARDS. INSTALL WITH 2" WOOD SCREWS



## STEP 11: REAR BOTTOM PANEL BOARD

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

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



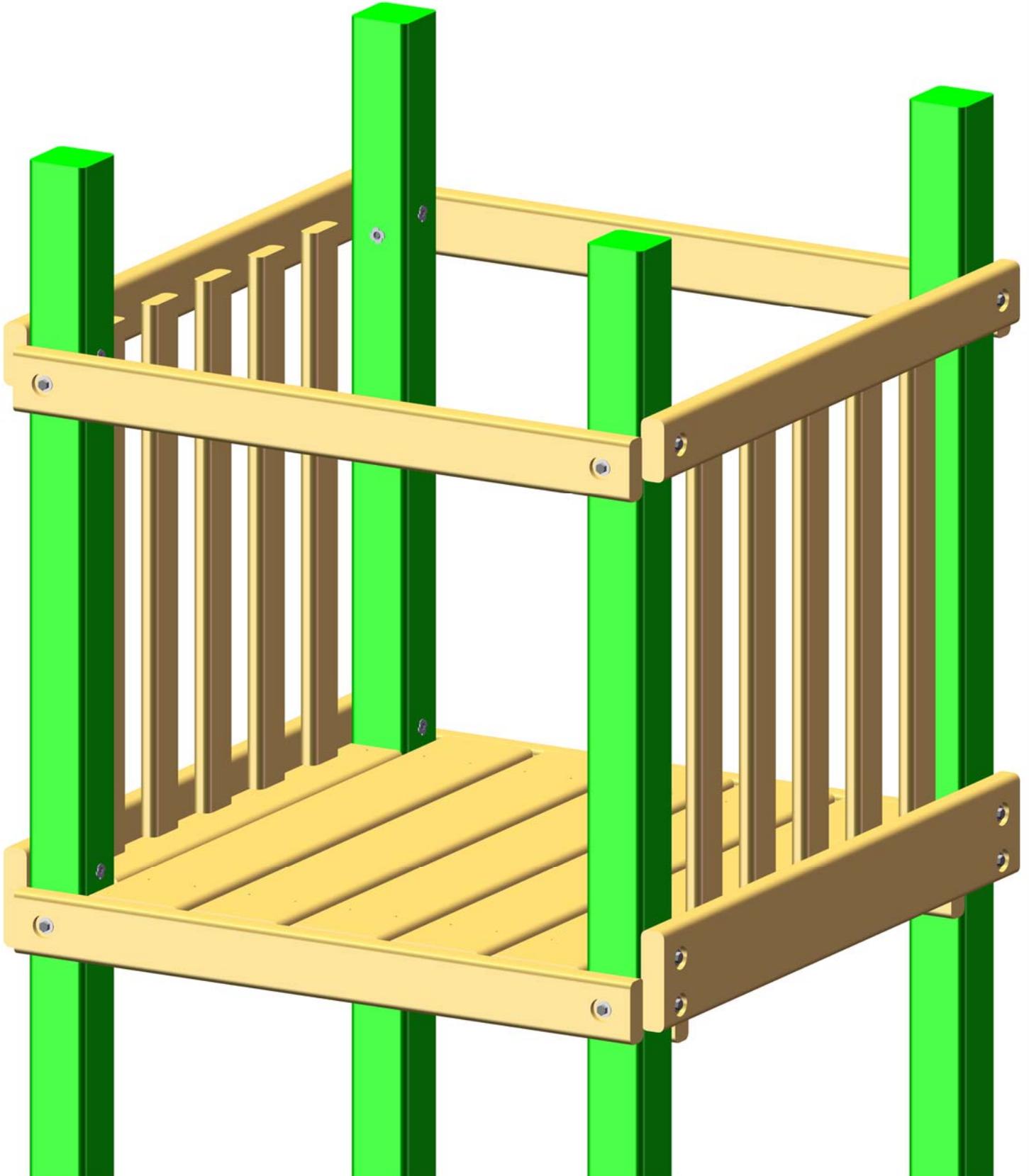
## STEP 12: PANEL SLATS

1: FIND TEN 5/4 X 3 X 28" PANEL SLATS.

2: PRE-DRILL THE SLATS 1" FROM EACH END ON CENTER WITH A 1/8" DRILL BIT.

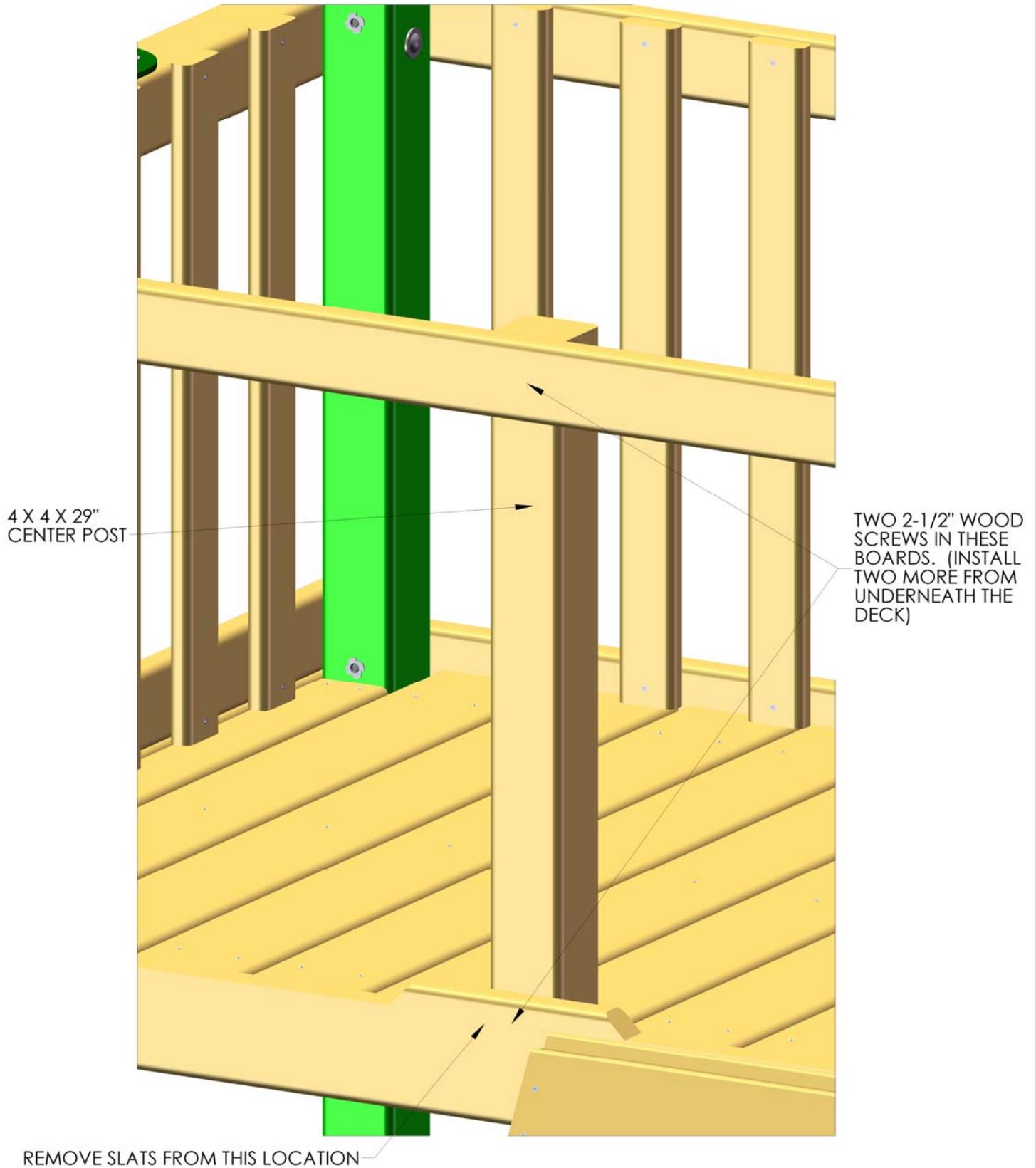
3: INSTALL THE PANEL SLATS AT EQUAL LENGTHS USING A SLAT AS A SPACER FOR THE SLATS CLOSEST TO THE CORNER POSTS

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



## STEP 13: CENTER POST

- 1: REMOVE THE TWO PANEL SLATS FROM THE MIDDLE OF THE FRONT FACE BOARD ON YOUR UNIT.
- 2: PLACE THE 4 X 4 X 29" CENTER POST IN THE CENTER OF THE FRONT FACE BOARD AND THE FRONT TOP PANEL BOARD.
- 3: FASTEN THE CENTER POST TO THE UNIT WITH TWO 2-1/2" WOOD SCREWS FROM THE BOTTOM; AND TWO MORE PER BOARD IN THE FRONT FACE BOARD AND THE TOP PANEL BOARD.

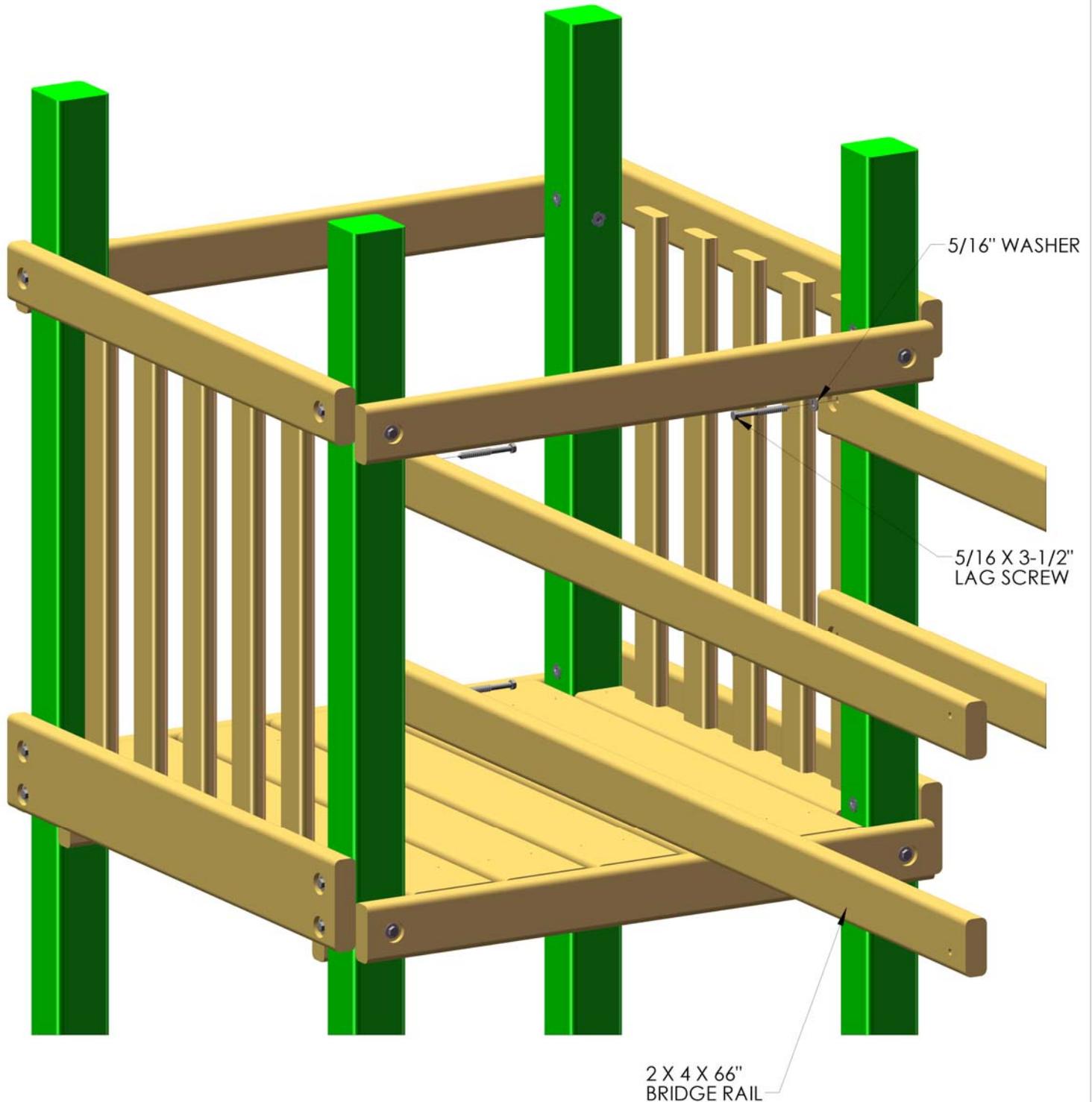


## STEP 14: BRIDGE RAILS

1: PLACE THE 2 X 4 X 66" BRIDGE RAILS DIRECTLY UNDERNEATH THE TOP PANEL BOARD AND FASTEN WITH 5/16 X 3-1/2" LAG SCREWS WITH 5/16" WASHERS.

2: MEASURE 16" FROM THE TOP OF THE BRIDGE RAIL ON BOTH SIDES AND MARK THE SPOT ON THE INSIDE OF THE CORNER POSTS.

3: PLACE THE 2 X 4 X 66" BRIDGE RAILS ON THESE MARKS, WHERE THE BOTTOM OF THE RAILS ARE LINED UP ON THE MARKS MADE ON THE CORNER POSTS. FASTEN WITH 5/16 X 3-1/2" LAG SCREWS WITH 5/16" WASHERS.



## STEP 15: MOUNTING THE BRIDGE TO THE FORT

1: LEVEL AND SQUARE THE BRIDGE RAILS ON THE TOWER AND FASTEN THE RAILS TO THE CENTER POST AND CORNER POST WITH 5/16 X 3-1/2" LAG SCREWS WITH 5/16" WASHERS.



## STEP 16: BRIDGE RAIL SLATS

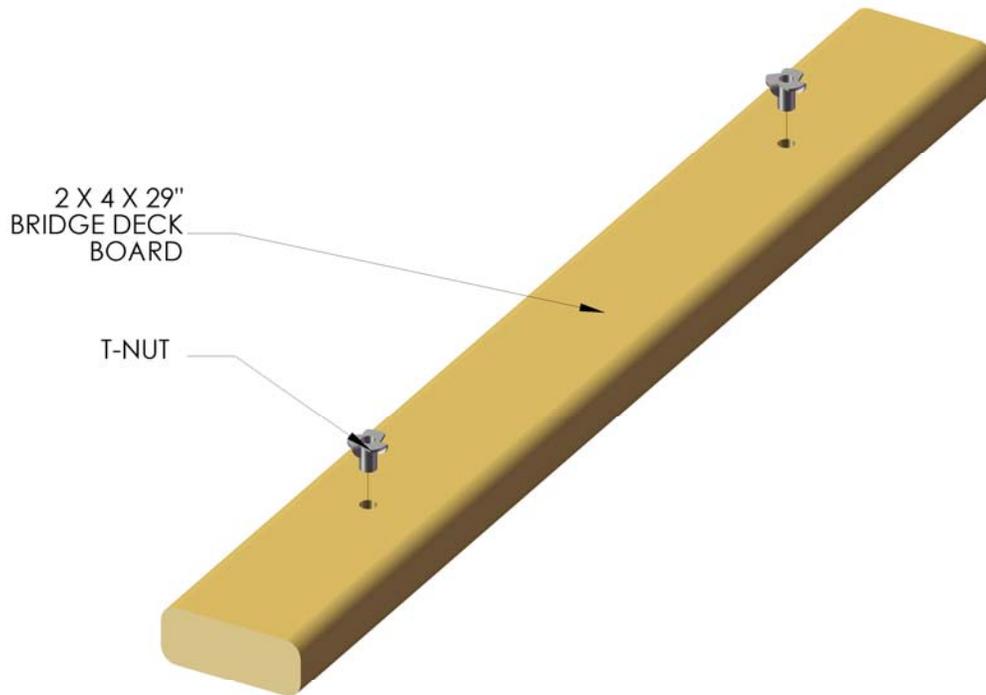
1. PRE-DRILL THE 5/4 X 3 X 16" BRIDGE RAIL SLATS ON BOTH SIDES, 1/2" FROM THE CENTER.
2. PLACE THE BRIDGE RAIL SLATS 3" FROM THE FACE OF THE CORNER POSTS, AND ATTACH WITH 2" WOOD SCREWS. THE SLATS WILL MOUNT ON THE OUTSIDE OF THE BRIDGE RAILS.
3. ATTACH THE REMAINING SLATS TO THE UNIT WITH A 3" GAP BETWEEN THE SLATS.



5/4 X 3 X 16"  
BRIDGE RAIL  
SLAT

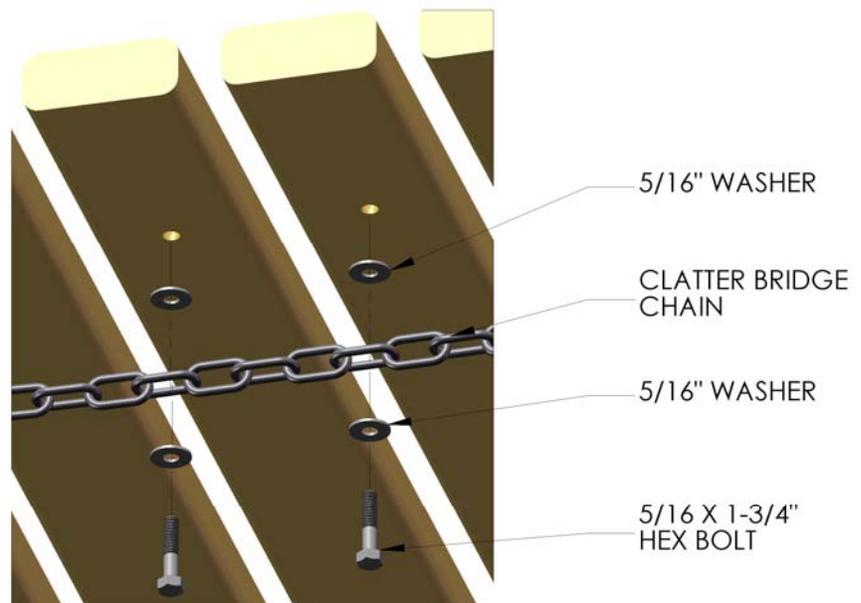
## STEP 17: CLATTER BRIDGE ASSEMBLY

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



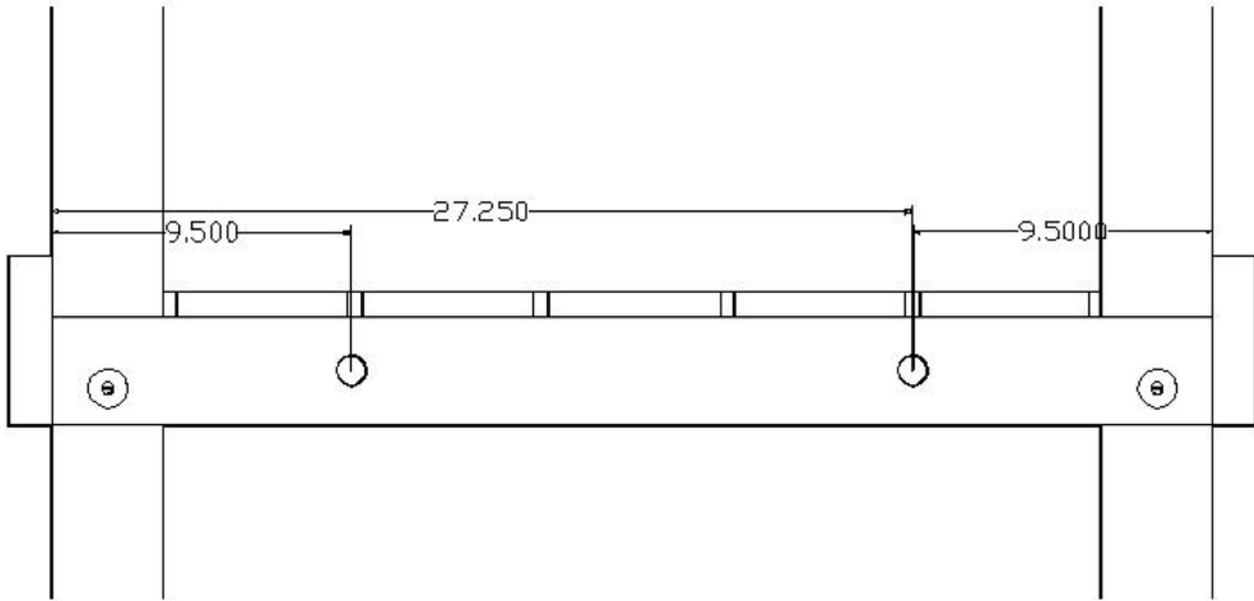
2. COUNT 18 LINKS OF CHAIN. THE 18TH LINK WILL BE THE STARTING POINT OF BUILDING THE CLATTER BRIDGE.

3. THREAD A 5/16 X 1-3/4" BOLT WITH A 5/16" WASHER THROUGH THE CHAIN LINK. ONCE THROUGH, PLACE ANOTHER 5/16" WASHER ON THE BOLT, AND PLACE THE THREADS OF THE BOLTS INTO THE HOLES IN THE BRIDGE DECK BOARDS AND INTO THE PREVIOUSLY INSTALLED T-NUTS.

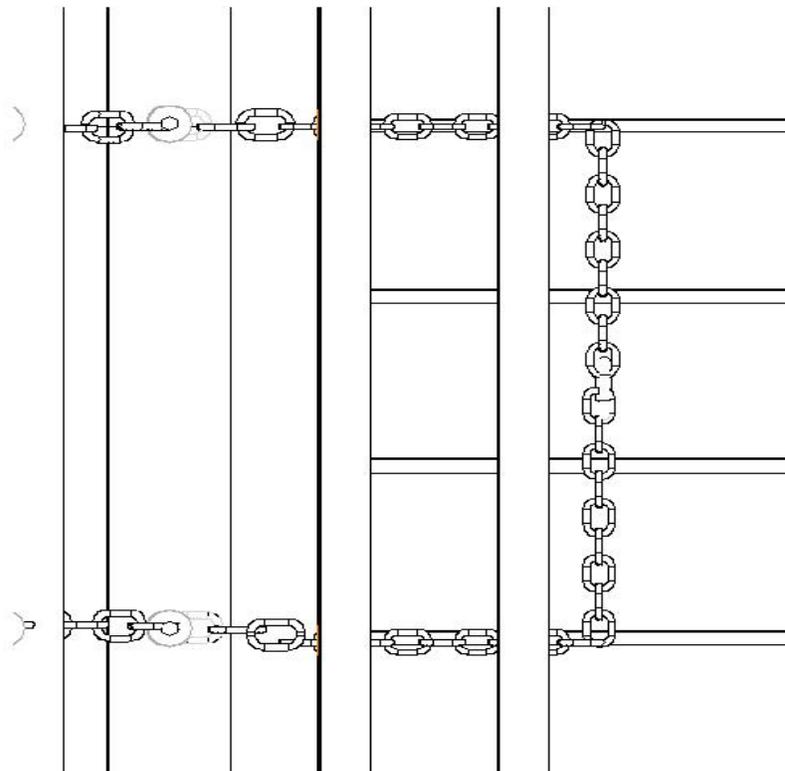


## STEP 18: ATTACHING THE CLATTER BRIDGE

1: MEASURE FROM END OF BOARD AND MARK FIRST PILOT HOLES AT 9-1/2" THEN THE LAST HOLE AT 27-1/4". DO THIS FOR BLOCK AND DECK SUPPORT. NEXT DRILL A 1" HOLE AT THE MARKED LOCATIONS IN BOTH BOARDS.



2. THREAD THE CHAIN THROUGH THE PILOT HOLES IN THE BLOCK AND DECK SUPPORTS ON THE TOWER. THE T-NUTS SHOULD FACE UP AND THE CHAIN WILL BE FACING DOWN. BRING THE CHAIN BACK AROUND AND UNDERNEATH THE DECK SUPPORTS. PULL THE CHAINS TIGHT AND ATTACH THE FREE END OF THE CHAIN TO ONE END OF THE QUICK LINK. THREAD THE MATING PART OF THE QUICK LINK AND LEAVE LOOSE. REPEAT THIS PROCESS ON THE OPPOSITE END OF THE CLATTER BRIDGE. THIS SHOULD BRING THE FIRST BOARD OF THE BRIDGE UP LEAVING NO LESS THAN 1" GAP.



## Clatter Bridge:

Step 18 shows the dimensions used to drill holes in the clatter bridge boards. There are two boards that you must drill through. The first board is on the outside of the clatter bridge tower and the second board is directly behind the first board. Once all the holes are drilled through both boards you may pull the chain through both boards and then connect them on the back of the second board with a quick link.

(Please see picture called "Under Tower" so you can see this better.)



Clatter Bridge Continued:

At the playset you will do the same procedure. First you will drill the two holes through the outside 2 x 6 board. Then drill two holes through the board directly behind the 2 x 6. Once all the holes are drilled through both boards you may pull the chain through both boards and connect them on the back of the second board with a quick link.

(Please see pictures called “At Playset” and “Under Playset” so you can see this better.)

At Playset



Under Playset

Inside Board  
Deck Support



# WARRANTY REGISTRATION

## - CLATTER BRIDGE & TOWER -

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

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

### Where did you buy this product?:

---

Date of Purchase \_\_\_\_\_ Place of Purchase \_\_\_\_\_

### Your registration information:

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

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

Street City State Zip

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

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

How would you rate the quality of this product?

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

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

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

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_