



# SKYFORT WITH TUBE SLIDE

Model # 2001015

## WOODEN SWING SET

Owner's Manual & Assembly Instructions

MANUFACTURED BY:  
**Backyard Discovery**  
3305 Airport Drive  
Pittsburg, KS 66762  
800-856-4445



### INSTALLATION SERVICES AVAILABLE!\*

*Need a helping hand?*

Let our team of professionals handle the installation for you!

**GOCONFIGURE**  
888-888-5424

\*Installation services are only available  
to U.S. customers.

average 2 person assembly time

INTERMEDIATE  
**20**  
HOURS

average tube slide assembly time

INTERMEDIATE  
**3**  
HOURS

assembly time may vary based on skill level

*Before you begin*

### FOR QUICK & EASY ASSEMBLY

FIND 3D INSTRUCTIONS  
FOR THIS PRODUCT IN

**BILT.**

DOWNLOAD THE FREE APP



For the most up to date assembly manual,  
to register your set, or to order replacement parts please visit  
**[www.backyarddiscovery.com](http://www.backyarddiscovery.com)**

**SAVE THIS ASSEMBLY MANUAL FOR FUTURE REFERENCE IN THE EVENT THAT  
YOU NEED TO ORDER REPLACEMENT PARTS.**

Para obtener instrucciones en español, visite [www.backyarddiscovery.com](http://www.backyarddiscovery.com)



# INSTALLATION SERVICES AVAILABLE!\*

*Need a helping hand?*

Let our team of professionals handle the installation for you!

**GOCONFIGURE**  
**888-888-5424**

*\*Installation services are only available  
to U.S. customers.*

With Go Configure, we bring you 18 years of experience right to your doorstep. We service a wide array of indoor and outdoor recreation products that most consumers don't have the time or ability to deliver & install themselves.

**We do the heavy lifting, so you don't have to!**

- 
- 18+ Years of Experience Servicing Big Box Retailers and Direct Consumers
  - Highly Skilled, Specialized, Courteous, Professional Service Technicians
  - Over 140,000 Installations Annually
  - White Glove Service

- Satisfaction Guarantee
  - Flexible Appointments, including weekends
  - Coverage across the nation
- Visit [www.goconfigure.com](http://www.goconfigure.com) for more info!**
- 

*\*Installation services are only available to U.S. customers.*



The store where you made your purchase  
does not stock parts for this item.  
If you have assembly questions or you are missing or  
have damaged parts, please call

**1-800-856-4445**

you can also visit [www.backyarddiscovery.com](http://www.backyarddiscovery.com)  
or e-mail [customerservice@backyarddiscovery.com](mailto:customerservice@backyarddiscovery.com)

**Please have the following information ready when you make your call:**

- Model Number of the product located on the front of the assembly manual
  - Description of the part from the parts list
- 
- Read entire assembly manual, paying special attention to the important tips and safety information.
  - Ensure there are no missing pieces by first separating and identifying all parts.
  - Make sure to check packing material for small parts that may have fallen out during shipment.
  - Structures are not intended for public use. The Company does not warranty any of its residential structures subjected to commercial use such as: Daycare, Preschool, Nursery School, Recreational Park, or any similar Commercial Application.
  - This manual contains helpful information concerning assembly preparation, installation procedure and required maintenance.
  - Always keep safety in mind as your structure is being built.
  - Keep these instructions for future reference.



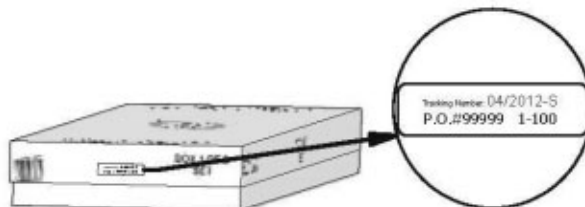
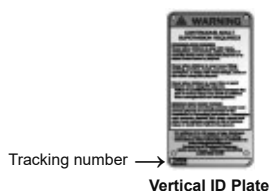
**Please read entire booklet completely before beginning the assembly process**

**Please retain these instructions and your receipt for future reference. Keep them in a safe place where you can refer to them as needed. In order to provide you with the most efficient service, it is required that you provide us with the part numbers when ordering parts.**

### For Your Records:

Please take time and fill out the information below. This information will be needed for warranty issues.

Where Purchased: \_\_\_\_\_  
Date of Purchase: \_\_\_\_\_  
Installation Date: \_\_\_\_\_  
Installed by: \_\_\_\_\_  
Tracking Number: \_\_\_\_\_



### Tracking Number Reference Label

Tracking ID number on the carton and on the bottom of the vertical ID plate are included for tracking purposes associated with warranty claims.

This Limited Warranty by Backyard Discovery applies to products manufactured under the Backyard Discovery brand or its other brands including but not limited to Backyard Botanical, Adventure Playsets, and Leisure Time Products.

Backyard Discovery warrants that this product is free from defect in materials and workmanship for a period of one (1) year from the original date of purchase. This one (1) year warranty covers all parts including wood, hardware, and accessories. All wood carries a five (5) year pro-rated warranty against rot and decay. Refer to the schedule below for charges associated with replacement of parts under this Limited Warranty. In addition, Backyard Discovery will replace any parts within the first 30 days from date of purchase found to be missing from or damaged in the original packaging.

This warranty applies to the original owner and registrant and is non-transferable. Regular maintenance is required to assure maximum life and performance of this product. Failure by the owner to maintain the product according to the maintenance requirements may void this warranty. Maintenance guidelines are provided in the Owner's Manual.

This Limited Warranty does not cover:

- Labor for any inspection
- Labor for replacement of any defective item(s)
- Incidental or consequential damages
- Cosmetic defects which do not affect performance or integrity of a part or the entire product
- Vandalism, improper use, failure due to loading or use beyond the capacities stated in the applicable Assembly Manual.
- Acts of nature including but not limited to wind, storms, hail, floods, excessive water exposure
- Improper installation including but not limited to installation on uneven, unlevel, or soft ground
- Minor twisting, warping, checking, or any other natural occurring properties of wood that do not affect performance or integrity

Backyard Discovery products have been designed for safety and quality. Any modifications made to the original product could damage the structural integrity of the unit leading to failure and possible injury. Modification voids any and all warranties and Backyard Discovery assumes no liability for any modified products or consequences resulting from failure of a modified product.

This product is warranted for RESIDENTIAL USE ONLY. Under no circumstance should a Backyard Discovery product be used in public settings. Such use may lead to product failure and potential injury. Any and all public use will void this warranty. Backyard Discovery disclaims all other representations and warranties of any kind, express or implied.

### Pro Rated Part Replacement Schedule

#### Product Age

##### All Parts

0-30 days from date of purchase  
31 days to 1 year

##### Wood Rot and Decay Only

1 year  
2 year  
3 year  
4 year  
5 year  
Over 5 years

#### Customer Pays

\$0 and free shipping  
\$0 + S&H

\$0 and free shipping  
20% + S&H  
40% + S&H  
60% + S&H  
80% + S&H  
100% + S&H





### NOTE:

#### Your Children's Safety Is Our #1 Concern!

Observe the following statements and warnings to reduce the likelihood of serious or fatal injury. Please review these safety rules regularly with your children.



#### **WARNING:** **BURN HAZARD**

- Pay special attention to plastic and metal surfaces as they may be hot enough to cause burns.
- Always check the temperature of the product before letting your children play on it.
- Remember that the product may cause burns if left in direct sunlight.
- Always be aware of the sun and weather conditions, and do not assume that the equipment is safe because the air temperature is not very high.

- Children **MUST NOT** use this playcenter until unit has been completely assembled and inspected by an adult to ensure set has been properly installed and anchored.
- Equipment is recommended for use by children 3 to 10 years of age.
- This Playcenter is designed for specific number of occupants whose combined weight should not exceed the designated weight on the elevated floor or the swing area. The total unit capacity is outlined in the Basic Setup Dimensions section of instruction manual. The maximum fall height and recommended play area is also available in the Basic Setup Dimensions section of the manual for the specific unit.
- On-site, continuous adult supervision is **REQUIRED**. **MOST SERIOUS INJURIES AND DEATHS ON PLAYGROUND EQUIPMENT HAVE OCCURRED WHILE CHILDREN WERE UNSUPERVISED!**
- **DO NOT** allow children to walk close to, in front of, behind, or between moving swings or other moving playground equipment.
- **DO NOT** let children stand on swings.
- Children should **NOT** twist the chains and ropes and should not loop them over the top support bar, this could reduce the strength of the chain or rope.
- **DO NOT** let children push empty seats. The seat could hit them and cause serious injury.
- Instruct and teach children to sit in the center of the swings with their full weight on the seats.
- **DO NOT** allow children to use the equipment in a manner other than intended.
- Instruct children **NOT** to get off equipment while it is in motion.
- Instruct children to **ALWAYS** go down slides feet first. Never slide head first.
- Instruct children to **LOOK** before they slide to make sure no one is at the bottom.
- **DO NOT** allow children to run up a slide, as this increases their chances of falling.
- **DRESS CHILDREN APPROPRIATELY.** (Examples would include wearing well-fitting shoes and the avoidance of ponchos, scarfs, and other loose-fitting clothing that is potentially hazardous while using equipment).
- **DO NOT** allow children to climb when the equipment is wet.
- Children should **NEVER** jump from a fort deck. They should always use the ladder, ramp or slide.
- Children should **NEVER** be allowed to crawl or walk across the top of monkey bars.
- **DO NOT** allow children to crawl on top of a fort roof.
- Verify that any suspended climbing ropes, chain, or cable are secured at both ends and that they cannot be looped back on themselves as to create an entanglement hazard.
- **DO NOT** let children attach items to the playground equipment that are not specifically designed for use with the equipment. Items such as, but not limited to, jump ropes, clothesline, pet leashes, cables and chain can cause a strangulation hazard.
- Children should **NEVER** wrap their legs around swing chain.
- **DO NOT** allow children to slide down the swing chain.
- Instruct children to remove their bike or other sports helmet before playing on playground equipment.
- **NEVER** add extra length to chain or rope. The chains or ropes provided are the maximum length designed for the swinging element(s).



### Positioning Your Playcenter

- The playcenter is designed to be installed on a level surface by an adult with an adult helper. Place in a flat area of your yard to minimize ground preparation.
- Choose a level location for the equipment. This can reduce the likelihood of the play set tipping over and loose-fill surfacing material washing away during heavy rains.
- Place the equipment not less than 6 ft (1.8 m) from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.
- Provide enough room so that the children can use the equipment safely. For example, for structures with multiple play activities, a slide should not exit in front of a swing.
- It is a good idea to place your playcenter in an area that is convenient for adults to watch children at play.
- Create a site free of obstacles that could cause injuries – such as low overhanging tree branches, overhead wires, tree stumps and/or roots, large rocks, bricks and concrete. Additional suggestions in the Suggested Playground Surfacing Section.
- Do not build your playset on top of surfacing material.
- Locate bare metal platforms and slides out of direct sunlight to reduce the likelihood of serious burns. A slide that faces north will receive the least direct sunlight.
- Separate active and quiet activities from each other. For example, locate sandboxes away from swings or use a guardrail or barrier to separate the sandbox from the movement of the swings.

### Suggested Playground Surfacing

- Do not install home playground equipment over concrete, asphalt, packed earth, grass, carpet, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user.
- Do not install loose fill surfacing over hard surfaces such as concrete or asphalt.
- Shredded bark mulch, wood chips, fine sand and fine gravel, are added as shock absorbing materials after assembly. If used properly these materials can absorb some of the impact of a child's fall.
- All surface material should extend a minimum of 6ft (1.8m) feet in all directions around the play area.
- Do not apply playground surfacing until after the unit is completely constructed. Playset should not be built on top of surfacing.
- Use containment, such as digging out around the perimeter and/or lining the perimeter with landscape edging.
- Installations of rubber tiles or poured-in-place surfaces (other than loose-fill materials) generally require a professional and are not “do-it-yourself” projects.
- Shall use Playground Surfacing Materials (other than loose-fill material) which comply with the safety standard ASTM F1292 Standard Specification of Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment.

The following chart explains the fall height in feet from which a life threatening head injury would not be expected

### Critical Heights in feet (m) of Tested Materials

Material	Uncompressed Depth			Compressed Depth
	6" (152mm)	9" (228mm)	12" (304mm)	to 9" (228mm)
Wood Chips	7' (2.13m)	10-12' (3.0-3.6m)	11' (3.35m)	10' (3.05m)
Double-Shredded Bark Mulch	6' (1.83m)	10-12' (3.0-3.6m)	11' (3.35m)	7' (2.13m)
Engineered Wood Fibers	6' (1.83m)	7' (2.13m)	>12' (3.66m)	6' (1.83m)
Fine Sand	5' (1.52m)	5' (1.52m)	9' (2.74m)	5' (1.52m)
Coarse Sand	5' (1.52m)	5' (1.52m)	6' (1.83m)	4' (1.22m)
Fine Gravel	5' (1.52m)	7' (2.13m)	10' (3.05m)	6' (1.83m)
Medium Gravel	5' (1.52m)	5' (1.52m)	6' (1.83m)	5' (1.52m)
Shredded Tires*	10-12' (3.0-3.6m)	N/A	N/A	N/A

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



## APPENDIX A

**The following information is from the United States Consumer Product Safety Commission's Information Sheet for playground surfacing material; also see the following website for additional information: [www.cpsc.gov](http://www.cpsc.gov)**

### X3. SECTION 4 OF THE CONSUMER PRODUCT SAFETY COMMISSION'S OUTDOOR HOME PLAYGROUND SAFETY HANDBOOK<sup>9</sup>

X3.1 Select Protective Surfacing—One of the most important things you can do to reduce the likelihood of serious head injuries is to install shock-absorbing protective surfacing under and around your play equipment. The protective surfacing should be applied to a depth that is suitable for the equipment height in accordance with ASTM Specification F 1292. There are different types of surfacing to choose from; whichever product you select, follow these guidelines:

#### X3.1.1 Loose-Fill Materials:

X3.1.1.1 Maintain a minimum depth of 9 inches of loose-fill materials such as wood mulch/chips, engineered wood fiber (EWF), or shredded/recycled rubber mulch for equipment up to 8 feet high; and 9 inches of sand or pea gravel for equipment up to 5 feet high. NOTE: An initial fill level of 12 inches will compress to about a 9-inch depth of surfacing overtime. The surfacing will also compact, displace, and settle, and should be periodically refilled to maintain at least a 9-inch depth.

X3.1.2 Use a minimum of 6 inches of protective surfacing for play equipment less than 4 feet in height. If maintained properly, this should be adequate. (At depths less than 6 inches, the protective material is too easily displaced or compacted.)

NOTE: Do not install home playground equipment over concrete, asphalt, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user. Grass and dirt are not considered protective surfacing because wear and environmental factors can reduce their shock absorbing effectiveness. Carpeting and thin mats are generally not adequate protective surfacing. Ground level equipment such as a sandbox, activity wall, playhouse or other equipment that has no elevated play surface – does not need any protective surfacing.

X3.1.3 Use containment, such as digging out around the perimeter and/or lining the perimeter with landscape edging. Don't forget to account for water drainage.

X3.1.3.1 Check and maintain the depth of the loose-fill surfacing material. To maintain the right amount of loose-fill materials, mark the correct level on play equipment support posts. That way you can easily see when to replenish and/or redistribute the surfacing.

X3.1.3.2 Do not install loose-fill surfacing over hard surfaces such as concrete or asphalt.

X3.1.4 Poured-In-Place Surfaces or Pre-Manufactured Rubber Tiles — You may be interested in using surfacing other than loose-fill materials – like rubber tiles or poured-in-place surfaces.

X3.1.4.1 Installations of these surfaces generally require a professional and are not “do-it-yourself” projects.

X3.1.4.2 Review surface specification before purchasing this type of surfacing. Ask the installer/manufacture for a report showing that the product has been tested to the following safety standard: ASTM F 1292 Standard Specification for Impact Attenuation of Surfacing Materials within the Use Zone of Playground Equipment. This report should show the specific height for which the surface is intended to protect against serious head injury. This height should be equal to or greater than the fall height – vertical distance between a designated play surface (elevated surface for standing, sitting, or climbing) and the protective surfacing below – of your play equipment

X3.1.4.3 Check the protective surfacing frequently for wear.

X3.1.5 Placement — Proper placement and maintenance of protective surfacing is essential. Be sure to:

X3.1.5.1 Extend surfacing at least 6 feet from the equipment in all directions.

X3.1.5.2 For to-fro swings, extend protective surfacing in front of and behind the swing to a distance equal to twice the height of the top bar from which the swing is suspended.

<sup>9</sup>This information has been extracted from the CPSC publications “Playground Surfacing — Technical Information Guide” and “Handbook for Public Playground Safety.” Copies of these reports can be obtained by sending a postcard to the: Office of Public Affairs, U.S. Consumer Product Safety Commission, Washington, D.C., 20207 or call the toll-free hotline: 1-800-638-2772.

The American Society for Testing and Materials takes no position respecting the validity of any parent right asserted in connection with any item mentioned in this standard. Users of this standard are expressly advised that determination of the validity of any such parent rights, and the risk of infringement of such rights, are entirely their own responsibility.

The standard is subject to revision at any time by the responsible technical committee and must be reviewed every five years and if not revised, either approved or withdrawn. Your comments are invited either for revision of this standard or for additional standards and should be addressed to ASTM Headquarters. Your comments will receive careful consideration at a meeting of the responsible technical committee, which you may attend. If you feel that your comments have not received a fair hearing you should make your views known to the ASTM Committee on Standards. 100 Barr Harbor Drive, West Conshohocken, PA 19428.



**IT IS IMPORTANT TO CHECK AND TIGHTEN ALL HARDWARE AT THE BEGINNING AND DURING THE SEASON AS THEY MAY LOOSEN DUE TO WOOD EXPANSION AND CONTRACTION.**

### **At the beginning of each play season**

- Tighten all hardware.
- Lubricate all metallic moving parts per manufacturer's instructions.
- Check all protective coverings on bolts, pipes, edges, and corners. Replace if they are loose, cracked, or missing.
- Check all moving parts including swing seats, ropes, cables, and chains for wear, rust, or other deterioration. Replace as needed.
- Check metal parts for rust. If found, sand and repaint using a non lead-based paint meeting the requirements of 16 CFR 1303.
- Check all wood members for deterioration and splinters. Sand down splinters and replace deteriorating wood members.
- Reinstall any plastic parts, such as swing seats or any other items that were removed for the cold season.
- Rake and check depth of loose fill protective surfacing materials to prevent compaction and to maintain appropriate depth. Replace as necessary.

### **Twice a month during play season**

- Tighten all hardware.
- Check all protective coverings on bolts, pipes, edges, & corners. Replace if they are loose, cracked, or missing.
- Rake and check depth of loose fill protective surfacing materials to prevent compaction and to maintain appropriate depth. Replace as necessary.

### **Once a month during play season.**

- Lubricate all metallic moving parts per manufacturer's instructions.
- Check all moving parts including swing seats, ropes, cables, and chains for wear, rust, or other deterioration. Replace as needed.

### **At the end of each season or when the temperature drops below 32° F**

- Remove plastic swing seats and other items as specified by the manufacturer and take indoors or do not use.
- Rake and check depth of loose fill protective surfacing materials to prevent compaction and to maintain appropriate depth. Replace as necessary.

### **Additional Maintenance**

- Check the swing beam and hardware every two weeks due to wood expansion and contraction. It is particularly important that this procedure be followed at the beginning of each season.
- Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sand may be necessary to maintain a safe playing environment. Treat your playset with stain regularly, to help prevent severe checking/splitting and other weather damage.
- A waterborne transparent stain has been applied to your playset. This is done for color only. Once or twice a year, depending on your climate conditions, you must apply some type of protection (sealant) to the wood of your unit. Prior to the application of sealant, lightly sand any "rough" spots on your playset. Please note this is a requirement of your warranty.
- Assembling and maintaining the playset on a level location is very important. As your children play, your playset will slowly dig its way into the soil, and it is very important that it settles evenly. Make sure the playset is level and true one each year or at the beginning of each play season.

### **Disposal Instructions**

When the Playcenter use is no longer desired, it should be disassembled and disposed of in such a way that no unreasonable hazards will exist at the time the unit is discarded.

### **Third Party Assembly**

Customer may, in their sole discretion, elect to use a third party person or service to assemble this product. Backyard Discovery assumes no responsibility or liability for any charge incurred by the Customer for any assembly services'. Please see our warranty for more information about damaged and missing part replacement coverage. Backyard Discovery will not reimburse Customer for the price of parts purchased.



***Your Backyard Discovery structure is designed and constructed of quality materials. As with all outdoor products it will weather and wear. To maximize the enjoyment, safety and life of your structure it is important that you properly maintain it.***

---

### About Our Wood

Backyard Discovery uses 100% Cedar (C. Lanceolata) wood. Although we take great care in selecting the best quality lumber available, wood is still a product of nature and susceptible to weathering which can change the appearance of your set.

#### What causes weathering? Does it affect the strength of my product?

One of the main reasons for weathering is the effects of water (moisture); the moisture content of the wood at the surface is different than the interior of the wood. As the climate changes, moisture moves in or out of the wood, causing tension which can result in checking and or warping. You can expect the following due to weathering. These changes will not affect the strength of the product:

**1. Checking** is surface cracks in the wood along the grain. A post (4" x 4") will experience more checking than a board (1" x 4") because the surface and interior moisture content will vary more widely than in thinner wood.

**2. Warping** results from any distortion (twisting, cupping) from the original plane of the board and often happens from rapid wetting and drying of the wood.

**3. Fading** happens as a natural change in the wood color as it is exposed to sun-light and will turn grey over time.

#### How can I reduce the amount of weathering to wood product?

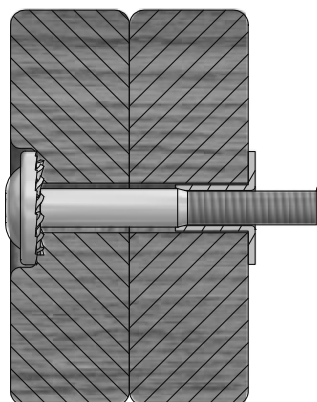
**1.** Your wood product is coated with a water-based stain. Sunlight will break down the coating, so we recommend applying a water repellent or stain on a yearly basis (see your local stain and paint supplier for a recommended product). You must apply some type of protection (sealant) to the wood of your product. **Please note this is a requirement of your warranty.** Most weathering is just the normal result of nature and will not affect safety. However if you are concerned that a part has experienced a severe weathering problem please call our customer service department for further assistance.

**2.** Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe environment. Treating your Product with protection (sealant) after sanding will help prevent severe checking/splitting and other weather damage.



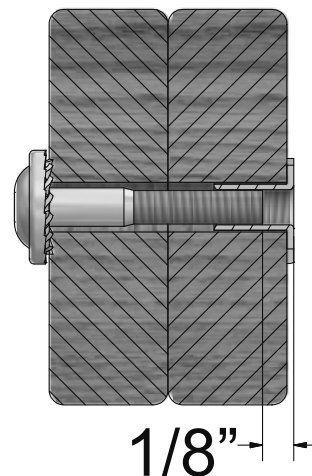
### Protrusion Hazard

**Incorrect**



If you see exposed threads and your bolt protrudes beyond the T-Nut you may have over tightened the bolt or used incorrect hardware. If you've overtightened, remove the bolt and add washers to eliminate the protrusion.

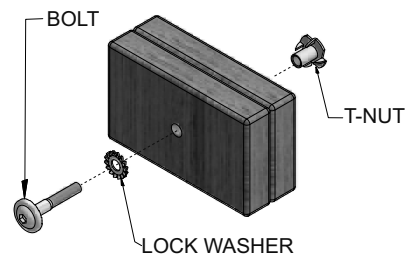
**Correct**



## Proper Hardware Assembly

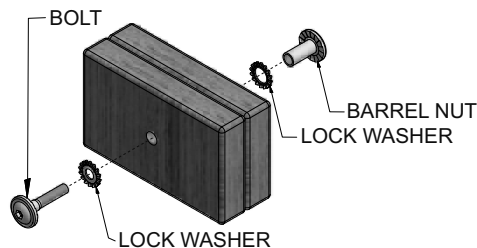
### Bolt and T-Nut Assembly

Tap T-nut into the provided hole. Insert your bolt through the lock washer and insert into the provided hole opposite from the T-Nut. Turn clockwise to thread into T-nut. Do not completely tighten until instructed.



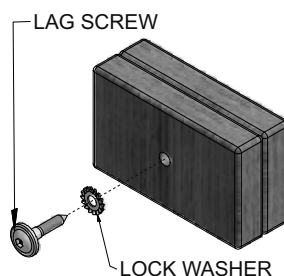
### Bolt and Barrel Nut Assembly

Insert barrel nut through the lock washer and press the pair through the provided hole. Insert your bolt through the second lock washer and insert the pair into the provided hole opposite from the barrel nut. Turn clockwise to thread into the barrel nut. Do not completely tighten until instructed.



### Lag Assembly

Normally there will be a pre-drilled pilot hole on assemblies that require a Lag Screw. If there is no pilot hole, line up the two boards as they are to be attached and use the factory drilled hole as a guide to drill another pilot hole into the adjoining board. This will keep the wood from splitting. Only a lock washer is required for steps with Lag Screws.

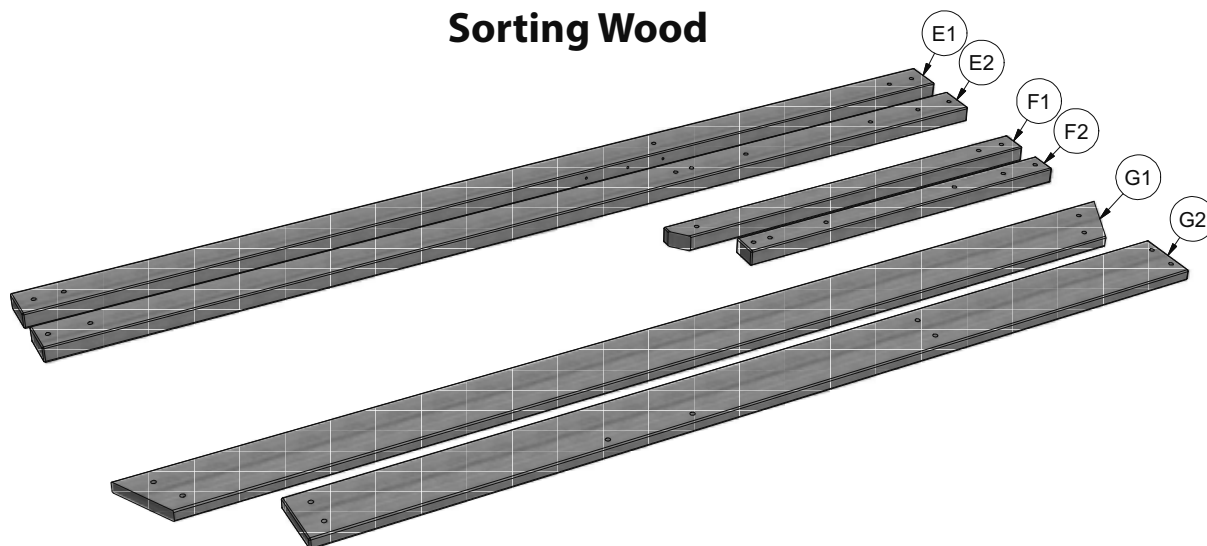




### ASSEMBLY TIP:

Keep an eye out for these boxes which will contain helpful pictures and information making the assembly process as quick and painless as possible.

## Sorting Wood



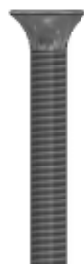
When removing the wood from the boxes we recommend arranging them by part number before you begin assembly. This will allow for faster assembly and easily identify any parts that may be missing or damaged.

## Sorting Hardware

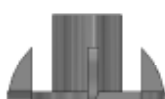
**NUT BARREL**  
H100545



**SCREW**  
H100695



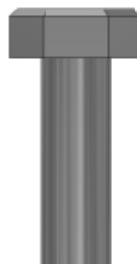
**T-NUT**  
H100699



**WASHER FLAT**  
H100706



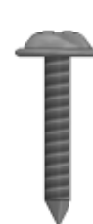
**BOLT HEX**  
H100716



**BOLT**  
H100718



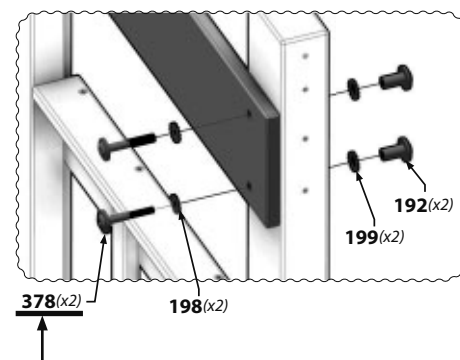
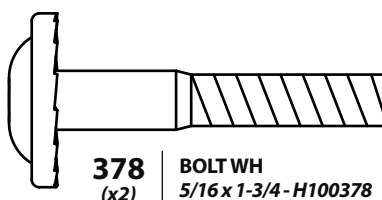
**SCREW PWH**  
H100742

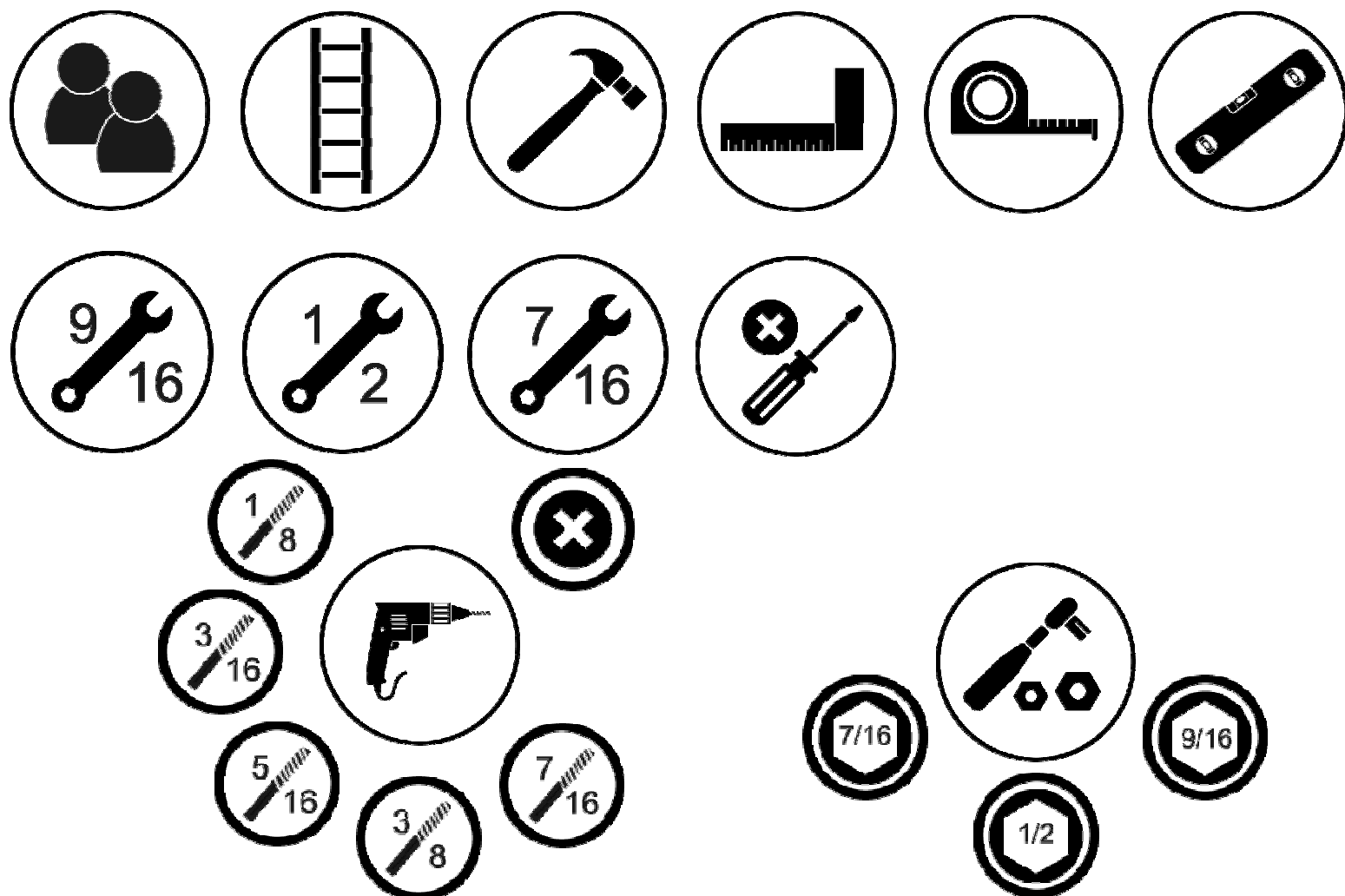


To help with assembly we recommend sorting your hardware bags with the seven digit alpha-numeric number printed on the bags or by hardware type (i.e. bolts, nuts, etc.). Organizing your hardware will make assembly easier.

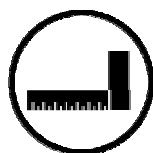
## Hardware Identification

Hardware bags are printed with a seven digit alpha-numeric part number. During assembly you only need to reference the last three digits of the part number as noted in each step. This will make finding the correct hardware easier.





### Icons and their uses you will see throughout this manual



You will need to make sure that your assembly is square before tightening your bolts.



For proper assembly you will need to ensure that your structure is level before proceeding to the next step.



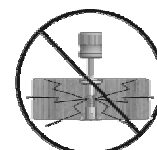
Some steps in the assembly process will require an extra set of hands. Make sure you have a helper available.



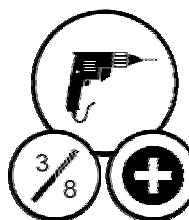
This icon shows the size of an open ended wrench. Using the wrench as the fraction bar.



When you see this icon you will need a socket wrench. The icons below show the size of attachments needed for assembly 1/2.



This icon warns you to not over tighten your bolts. This is to prevent structural damage and also splintering your wood.



This icon will show you what drill attachments are needed. For this example you will need a Phillips head attachment and 3/8 socket.





Place the set on level ground, not less than 6'-7" [2 m] from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.

- While assembling unit, take time before and after each phase to make sure fort is level. If fort is not level, assembly will be difficult and improper assembly may result. Extra care must be taken to insure the fort is square.
- The safe play area refers to a zone extending 6'-7" (2m) beyond the play product on all sides, including the space above the play product.

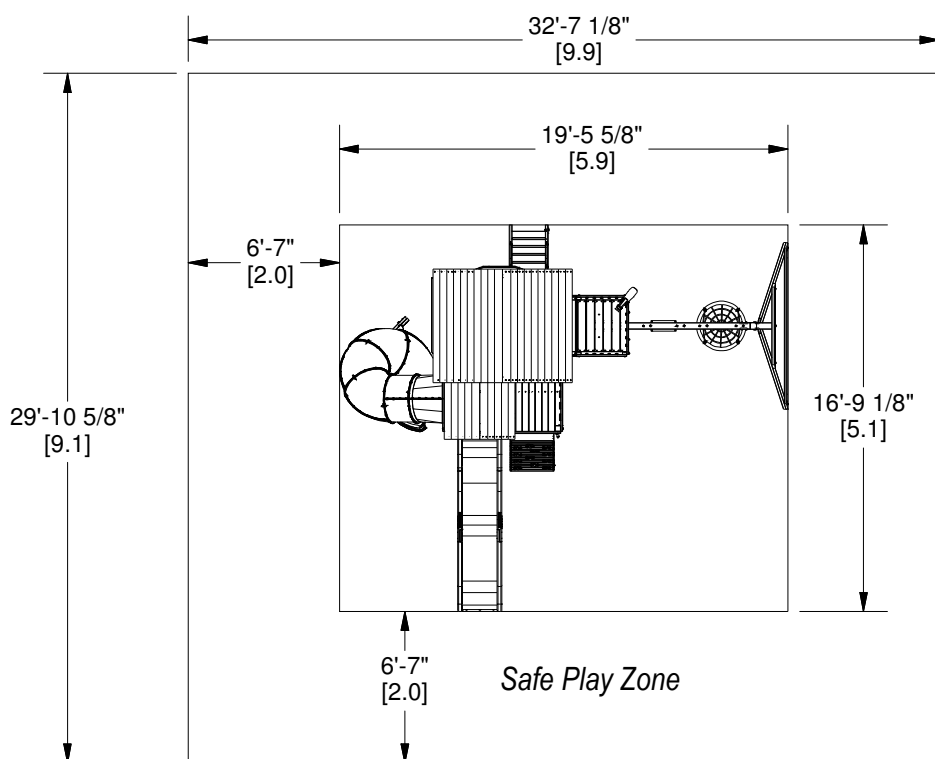
## SAFE PLAY AREA DIAGRAM

### Ground Dimension

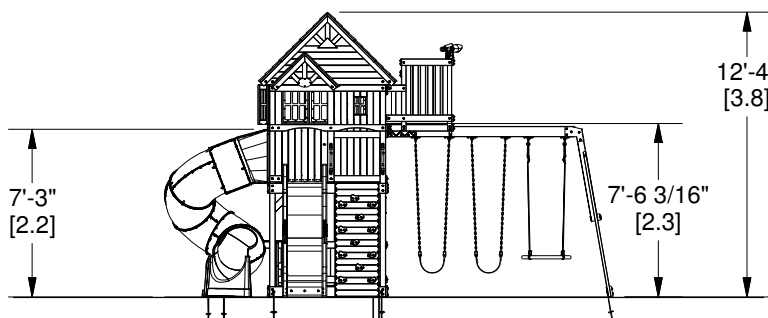
EXAMPLE: 16' - 6 1/4" (5m) x 7' - 5 1/4" (2.3m) x 7' - 10" (2.4m)

### Safe Play Area

EXAMPLE: 28' - 4 3/4" x 19' - 5 1/4"



**Safe play height: 18'-11" [5.8 m]**  
**Maximum fall height: 7'-6 3/16" [2.3 m]**



### General Information:

Your set has been designed and engineered for children only and for residential use only.  
A maximum of 150 lbs. per child is recommended for play activities designed for individual use.  
A maximum of 120 lbs. per child is recommended for play activities designed for multiple child use.  
A maximum of 9 children is recommended for this swing set.



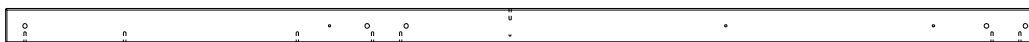
## Wood Components (Not to Scale)



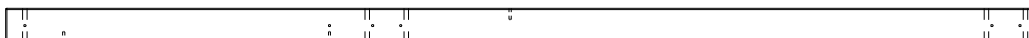
**A1 | SWING BEAM - W4L12789**  
(1) 3 3/8"x5 1/4"x89 1/2" (86x134x2274)



**A2 | SB 9" BLOCK - W4L12790**  
(1) 3 3/8"x5 1/4"x9" (86x134x228)



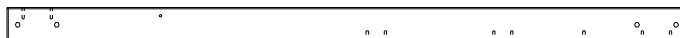
**B1 | TOWER LEG - W4L12680**  
(1) 3"x3"x89 1/2" (76x76x2274)



**B2 | TOWER LEG - W4L12681**  
(1) 3"x3"x89 1/2" (76x76x2274)



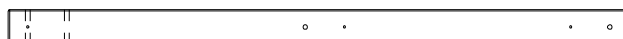
**B3 | TOWER LEG - W4L12682**  
(1) 3"x3"x59" (76x76x1500)



**B4 | TOWER LEG - W4L12683**  
(1) 3"x3"x59" (76x76x1500)



**B5 | BACK LEFT FORT CORNER - W4L12684**  
(1) 3"x3"x53 7/8" (76x76x1370)



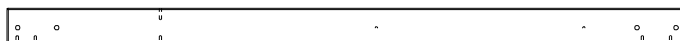
**B6 | FRONT LEFT FORT CORNER - W4L12685**  
(1) 3"x3"x53 7/8" (76x76x1370)



**B7 | FRONT RIGHT FORT CORNER - W4L12686**  
(1) 3"x3"x53 7/8" (76x76x1370)



**B8 | BACK RIGHT FORT CORNER - W4L12687**  
(1) 3"x3"x53 7/8" (76x76x1370)



**E1 | TOWER LEG - W4L12688**  
(1) 1 3/8"x3 3/8"x59" (36x86x1500)



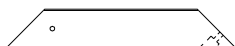
**E2 | TOWER LEG - W4L12689**  
(1) 1 3/8"x3 3/8"x59" (36x86x1500)



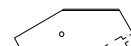
**E3 | CROWS NEST FLOOR RAIL - W4L12690**  
(2) 1 3/8"x3 3/8"x33 1/2" (36x86x852)



**E4 | ANGLE BRACE - W4L13302**  
(2) 1 3/8"x3 3/8"x87 1/8" (36x86x2212)



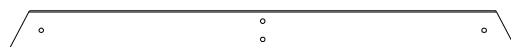
**E5 | DECK BRACE - W4L12692**  
(8) 1 7/16"x3 3/8"x20" (36x86x508)



**E6 | CROWS NEST DECK BRACE - W4L12691**  
(2) 1 7/16"x3 3/8"x10 7/8" (36x86x276)



## Wood Components (Not to Scale)



**E50 | END SUPPORT - W4L08131**  
(1) | 1 3/8"x3 3/8"x44 1/8" (36x86x1120)



**E77 | LEFT UPRIGHT - W4L12693**  
(1) | 1 3/8"x3 3/8"x64 3/8" (36x86x1634)



**E78 | RIGHT UPRIGHT - W4L12694**  
(1) | 1 3/8"x3 3/8"x64 3/8" (36x86x1634)



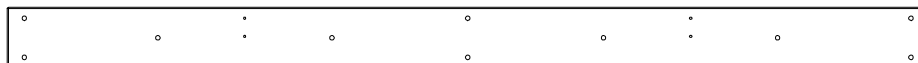
**F1 | TELESCOPE MOUNTING BLOCK - W4L12695**  
(1) | 1 3/8"x2 3/8"x3" (36x60x76)



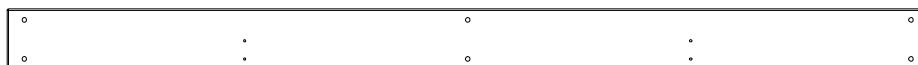
**F2 | CROWS NEST WALL SUPPORT - W4L12696**  
(2) | 1 3/8"x2 3/8"x37 1/2" (36x60x952)



**F3 | CROWS NEST WALL SUPPORT - W4L12697**  
(2) | 1 3/8"x2 3/8"x37 1/2" (36x60x952)



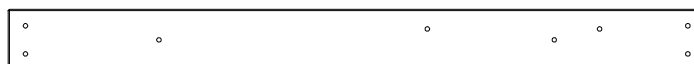
**G1 | TOP FLOOR RAIL - W4L12698**  
(1) | 1"x5 1/4"x80" (24x134x2032)



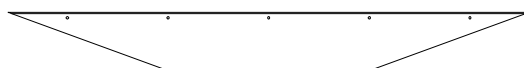
**G2 | TOP FLOOR RAIL - W4L12699**  
(1) | 1"x5 1/4"x80" (24x134x2032)



**G3 | FLOOR RAIL - W4L12700**  
(1) | 1"x5 1/4"x60 1/2" (24x134x1537)



**G4 | FLOOR RAIL - W4L12701**  
(1) | 1"x5 1/4"x60 1/2" (24x134x1537)



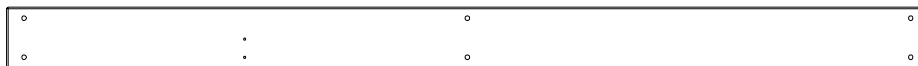
**G5 | BAY WINDOW HEADER - W4L12702**  
(4) | 1"x5 1/4"x45 1/4" (24x134x1150)



**G6 | FLOOR RAIL - W4L12703**  
(1) | 1"x5 1/4"x60 1/2" (24x134x1537)



## Wood Components (Not to Scale)



**G7 | BOTTOM FLOOR RAIL - W4L12704**  
(2) | 1"x5 1/4"x80" (24x134x2032)



**G8 | GROUND BOARD - W4L08134**  
(1) | 1"x5 1/4"x86 3/4" (24x134x2202)



**H1 | WALL RAIL - W4L12706**  
(1) | 1"x3 3/8"x80" (24x86x2032)



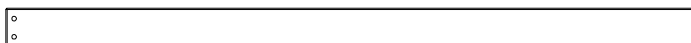
**H2 | WALL RAIL - W4L12707**  
(1) | 1"x3 3/8"x80" (24x86x2032)



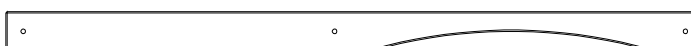
**H3 | PICNIC TABLE RAIL - W4L12708**  
(1) | 1"x3 3/8"x67 1/4" (24x86x1708)



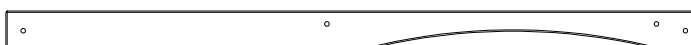
**H4 | ROOF SUPPORT RAIL - W4L12709**  
(2) | 1"x3 3/8"x67 1/4" (24x86x1709)



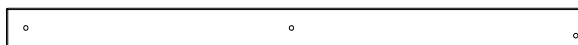
**H5 | FLOOR RAIL - W4L12710**  
(1) | 1"x3 3/8"x60 1/2" (24x86x1537)



**H6 | BACK FORT RAIL - W4L12711**  
(1) | 1"x3 3/8"x60 1/2" (24x86x1537)



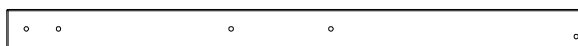
**H7 | FRONT FORT WALL RAIL - W4L12712**  
(1) | 1"x3 3/8"x60 1/2" (24x86x1537)



**H8 | FORT UPRIGHT - W4L12713**  
(1) | 1"x3 3/8"x50 1/2" (24x86x1284)



**H9 | FORT WALL BOARD - W4L12714**  
(2) | 1"x3 3/8"x50 1/2" (24x86x1284)



**H10 | PORCH LEG - W4L12715**  
(1) | 1"x3 3/8"x50 1/2" (24x86x1282)



**H11 | PORCH LEG - W4L12716**  
(1) | 1"x3 3/8"x50 1/2" (24x86x1282)



## Wood Components (Not to Scale)



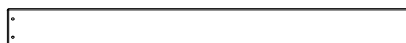
**H12 | ROOF RAFTER - W4L12717**  
(4) 1"x3 3/8"x50 3/8" (24x86x1278)



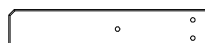
**H13 | FORT WALL RAIL - W4L12718**  
(1) 1"x3 3/8"x50 1/4" (24x86x1277)



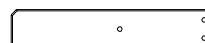
**H14 | SWING BEAM MOUNT - W4L12719**  
(1) 1"x3 3/8"x50 1/4" (24x86x1277)



**H15 | PICNIC TABLE SEAT - W4L12720**  
(2) 1"x3 3/8"x35 3/8" (24x86x897)



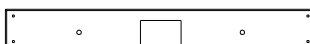
**H16 | PICNIC TABLE SEAT RAIL - W4L12721**  
(1) 1"x3 3/8"x17 1/2" (24x86x444)



**H17 | PICNIC TABLE SEAT RAIL - W4L12722**  
(1) 1"x3 3/8"x17 1/2" (24x86x444)



**H18 | FORT WALL RAIL - W4L12723**  
(1) 1"x3 3/8"x29 7/8" (24x86x758)



**H19 | CROWS NEST FLOOR RAIL - W4L12724**  
(1) 1"x3 3/8"x27" (24x86x686)



**H20 | PORCH ROOF RAFTER - W4L12725**  
(4) 1"x3 3/8"x24 1/2" (24x86x622)



**H21 | CROWS NEST FLOOR SUPPORT - W4L12726**  
(1) 1"x3 3/8"x24 1/8" (24x86x614)



**H22 | SLIDE ATTACHMENT BOARD - W4L12781**  
(1) 1"x3"x23" (24x76x585)



**H23 | FORT WALL RAIL - W4L12752**  
(1) 1"x3 3/8"x50 1/4" (24x86x1277)



**H24 | PICNIC TABLE TOP SUPPORT - W4L12727**  
(1) 1"x3 3/8"x16 1/2" (24x86x418)



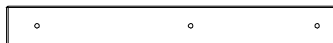
**H25 | TOP FLOOR SUPPORT - W4L12728**  
(2) 1"x3 3/8"x3" (24x86x76)



**H26 | FLOOR JOIST - W4L12729**  
(3) 1"x3 3/8"x60 1/2" (24x86x1537)



## Wood Components (Not to Scale)



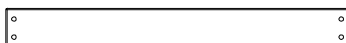
**H27** | PICNIC TABLE SUPPORT - W4L12730  
(1) | 1"x3 3/8"x28 5/8" (24x86x728)



**H28** | FRONT WALL RAIL - W4L12731  
(1) | 1"x3 3/8"x60 1/2" (24x86x1537)



**H29** | CROWS NEST WALL RAIL - W4L12732  
(2) | 1"x3 3/8"x26 1/4" (24x86x666)



**H30** | CROWS NEST WALL RAIL - W4L12733  
(2) | 1"x3 3/8"x29 7/8" (24x86x758)



**H31** | CROWS NEST WALL RAIL - W4L12734  
(2) | 1"x3 3/8"x34 1/2" (24x86x876)



**H72** | ROCKWALL RAIL - W4L12735  
(2) | 1"x3 3/8"x61 3/4" (24x86x1570)



**H76** | LADDER RUNG - W4L12736  
(5) | 1"x3 3/8"x18 1/8" (24x86x460)



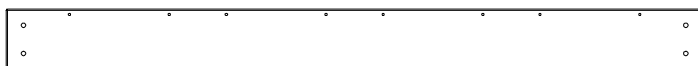
**H77** | ATTACHMENT BOARD - W4L12737  
(1) | 1"x3 3/8"x20 1/8" (24x86x512)



**H80** | SLIDE BRACE WIDE - W4L13300  
(1) | 1"x3 3/8"x18 3/4" (24x86x476)



**H81** | SLIDE BRACE UPRIGHT - W4L13301  
(2) | 1"x3 3/8"x22 7/8" (24x86x580)



**K2** | FLOOR RAIL - W4L12738  
(1) | 5/8"x5 1/4"x60 1/2" (16x134x1537)



**K3** | FLOOR RAIL - W4L12739  
(1) | 5/8"x5 1/4"x60 1/2" (16x134x1537)



**K5** | FORT WALL RAIL - W4L12740  
(1) | 5/8"x5 1/4"x50 1/4" (16x134x1277)



**K6** | TRIANGLE SUNBURST - W4L12741  
(2) | 5/8"x5 1/4"x10 3/8" (16x134x265)



**L1** | CROWS NEST FLOOR BOARD - W4L12742  
(6) | 5/8"x4 3/8"x27" (16x112x686)



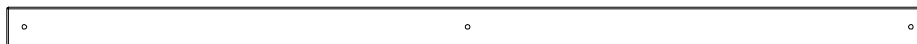
**L2** | CROWS NEST FLOOR BOARD - W4L13304  
(2) | 5/8"x4 3/8"x27" (16x112x686)



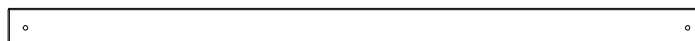
### Wood Components (Not to Scale)



**M1 | TOP WALL RAIL - W4L12743**  
(1) 5/8"x3 3/8"x80" (16x86x2032)



**M2 | BOTTOM WALL RAIL - W4L12744**  
(2) 5/8"x3 3/8"x80" (16x86x2032)



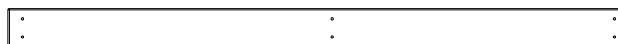
**M3 | BOTTOM WALL RAIL - W4L12745**  
(1) 5/8"x3 3/8"x60 1/2" (16x86x1537)



**M4 | CROWS NEST WALL RAIL - W4L12746**  
(2) 5/8"x3 3/8"x29 7/8" (16x86x758)



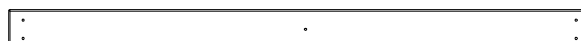
**M5 | GABLE BOARD - W4L12747**  
(2) 5/8"x3 3/8"x59 1/2" (16x86x1510)



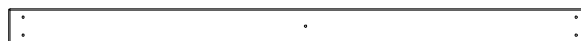
**M6 | FORT WALL BOARD - W4L12748**  
(1) 5/8"x3 3/8"x53 7/8" (16x86x1370)



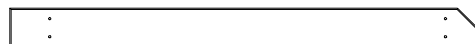
**M7 | GABLE BOARD - W4L12749**  
(2) 5/8"x3 3/8"x52 5/8" (16x86x1338)



**M8 | FORT WALL BOARD - W4L12750**  
(7) 5/8"x3 3/8"x50 1/2" (16x86x1284)



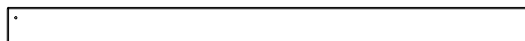
**M9 | FORT WALL BOARD - W4L12751**  
(2) 5/8"x3"x50 1/2" (16x76x1284)



**M10 | PICNIC TABLE TOP - W4L12793**  
(1) 5/8"x3 3/8"x41 1/4" (16x86x1049)



**M11 | SOFFIT CAP - W4L12753**  
(1) 5/8"x3 3/8"x50 1/4" (16x86x1277)



**M12 | GABLE BOARD - W4L12754**  
(2) 5/8"x3 3/8"x45 7/8" (16x86x1166)



**M13 | PICNIC TABLE TOP - W4L12755**  
(3) 5/8"x3 3/8"x41 1/4" (16x86x1049)



**M14 | GABLE BOARD - W4L12756**  
(2) 5/8"x3 3/8"x39 1/8" (16x86x994)



### Wood Components (Not to Scale)



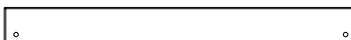
**M16** | CENTER PICNIC TABLE TOP - W4L12757  
(1) 5/8"x3"x38 1/4" (16x76x973)



**M17** | FRONT WINDOW WALL BOARD - W4L12758  
(2) 5/8"x3 3/8"x35" (16x86x889)



**M18** | GABLE BOARD - W4L12759  
(2) 5/8"x3 3/8"x32 3/8" (16x86x822)



**M19** | FRONT PORCH ROOF SUPPORT - W4L12760  
(1) 5/8"x3 3/8"x30 5/8" (16x86x779)



**M21** | FORT WALL RAIL - W4L12761  
(3) 5/8"x3 3/8"x30 1/4" (16x86x768)



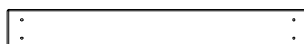
**M22** | FORT WALL BOARD - W4L12762  
(4) 5/8"x3 3/8"x29 7/8" (16x86x758)



**M23** | FORT WALL BOARD - W4L12763  
(2) 5/8"x3 1/8"x29 7/8" (16x80x758)



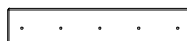
**M24** | WALL BOARD - W4L12764  
(23) 5/8"x3 3/8"x29 7/8" (16x86x758)



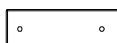
**M26** | WALL BOARD - W4L12765  
(2) 5/8"x3 3/8"x26 1/8" (16x86x664)



**M27** | BOTTOM WALL BOARD - W4L12766  
(18) 5/8"x3 3/8"x21 3/8" (16x86x544)



**M30** | PICNIC TABLE TOP CLEAT - W4L12767  
(1) 5/8"x3 3/8"x16" (16x86x406)



**M32** | CROWS NEST WALL RAIL - W4L12768  
(2) 5/8"x3 3/8"x10" (16x86x254)





### Wood Components (Not to Scale)



**M33** | FRONT WINDOW WALL BOARD - W4L12769  
(2) 5/8"x3 3/8"x6 3/8" (16x86x162)



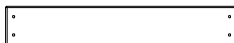
**M34** | WALL RAIL - W4L12770  
(1) 5/8"x3 3/8"x6 3/8" (16x86x162)



**M61** | ATTACHMENT BOARD - W4L12771  
(1) 5/8"x3 3/8"x22 7/8" (16x86x580)



**M70** | SLIDE BED SUPPORT - W100935  
(1) 5/8"x3 3/8"x19 7/8" (16x86x505)



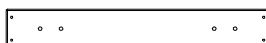
**M73** | REAR SUPPORT - W4L12772  
(1) 5/8"x3 3/8"x20 1/8" (16x86x512)



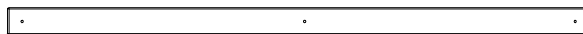
**M74** | ROCK WALL BOARD - W4L12773  
(10) 5/8"x3 3/8"x22 7/8" (16x86x580)



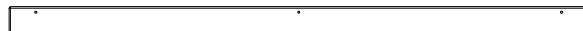
**M75** | ROCK WALL BOARD - W4L12774  
(4) 5/8"x3 3/8"x22 7/8" (16x86x580)



**M76** | ROCK WALL BOARD - W4L12775  
(4) 5/8"x3 3/8"x22 7/8" (16x86x580)



**N1** | FORT WALL BOARD - W4L12776  
(2) 5/8"x2 3/8"x50 1/2" (16x60x1284)



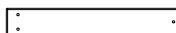
**N2** | SOFFIT CAP - W4L12777  
(1) 5/8"x2 3/8"x50 1/4" (16x60x1277)



**N3** | ROOF SUPPORT - W4L12778  
(2) 5/8"x2 3/8"x47" (16x60x1193)



**N4** | CROWS NEST WALL BOARD - W4L12779  
(2) 5/8"x2 3/8"x19" (16x60x483)



**N5** | FRONT PORCH GABLE TRIM - W4L12780  
(3) 5/8"x2 3/8"x15" (16x60x381)



## Wood Components (Not to Scale)



**N8 | FRONT PORCH GABLE TRIM - W4L12782**  
(6) 5/8"x2 3/8"x9 1/2" (16x60x241)



**O1 | CROWS NEST WALL BOARD - W4L12783**  
(16) 5/8"x1 3/8"x32 1/2" (16x34x825)



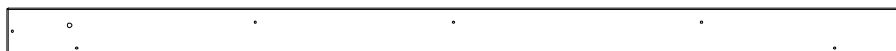
**O2 | SAFETY BOARD - W4L12784**  
(1) 5/8"x1 3/8"x28 5/8" (16x34x726)



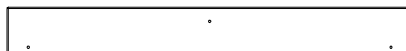
**Q1 | SLIDE ATTACHMENT BOARD - W4L12792**  
(1) 1"x4 1/4"x27" (24x108x687)



**SP1 | SWING BEAM SUPPORT - W4L12791**  
(1) 3 3/8"x3 3/8"x48 3/8" (86x86x1229)



**Y1 | TOP FLOOR BOARD - W4L12785**  
(2) 5/8"x4"x78" (16x102x1980)



**Y2 | BOTTOM FLOOR BOARD - W4L12786**  
(2) 5/8"x4"x35 1/4" (16x102x895)



**Y3 | ROCK WALL END BOARD - W4L12787**  
(1) 5/8"x4"x22 7/8" (16x102x580)



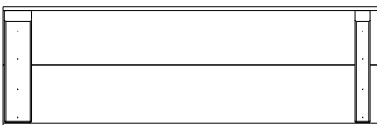
**FP1 | BOTTOM FLOOR PANEL - W2A02648**  
(4) 1 5/8"x13 1/2"x35 3/8" (40x344x897)



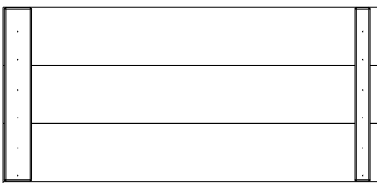
**FP2 | FLOOR PANEL - W2A02649**  
(4) 1 1/4"x13 1/2"x81 7/8" (32x344x2080)



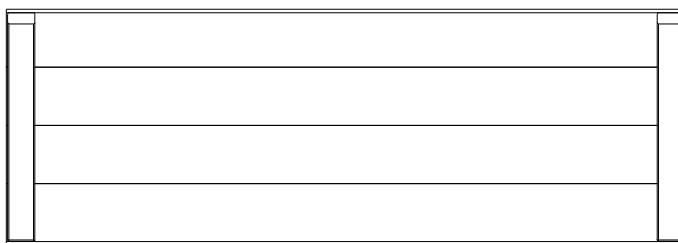
### Wood Components (Not to Scale)



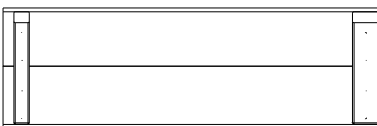
**RP1 | LEFT PORCH PEAK ROOF PANEL - W2A02650**  
(1)  $1\frac{5}{8}" \times 10\frac{1}{2}" \times 32\frac{7}{8}"$  (42x268x834)



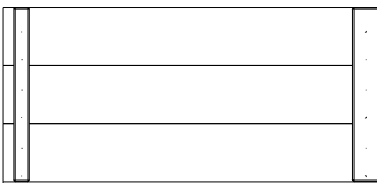
**RP2 | LEFT PORCH ROOF PANEL - W2A02651**  
(1)  $1\frac{5}{8}" \times 15\frac{5}{8}" \times 32\frac{7}{8}"$  (42x396x834)



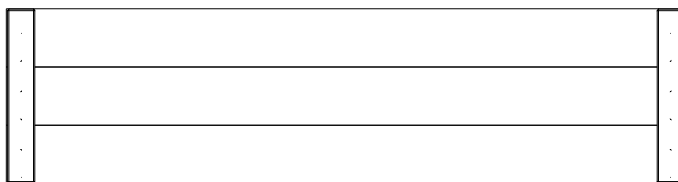
**RP3 | PEAK ROOF PANEL - W2A02652**  
(2)  $1\frac{5}{8}" \times 20\frac{5}{8}" \times 59"$  (42x524x1499)



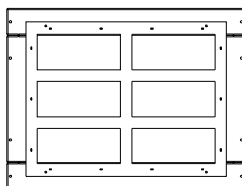
**RP4 | RIGHT PORCH PEAK ROOF PANEL - W2A02653**  
(1)  $1\frac{5}{8}" \times 10\frac{1}{2}" \times 32\frac{7}{8}"$  (42x268x834)



**RP5 | RIGHT PORCH ROOF PANEL - W2A02654**  
(1)  $1\frac{5}{8}" \times 15\frac{5}{8}" \times 32\frac{7}{8}"$  (42x396x834)



**RP6 | ROOF PANEL - W2A02655**  
(4)  $1\frac{5}{8}" \times 15\frac{5}{8}" \times 59"$  (42x396x1499)



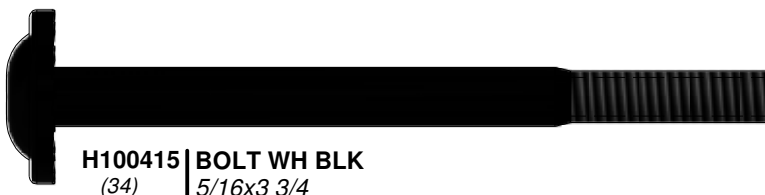
**WP1 | BAY WINDOW PANEL - W2A02656**  
(6)  $7/8" \times 15\frac{3}{4}" \times 20\frac{3}{4}"$  (21x400x526)



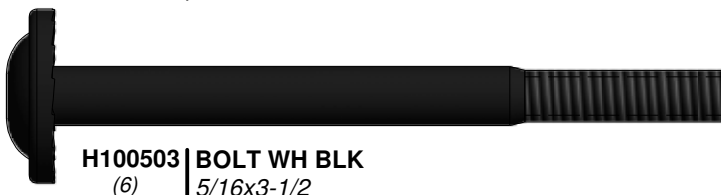
## Hardware Components



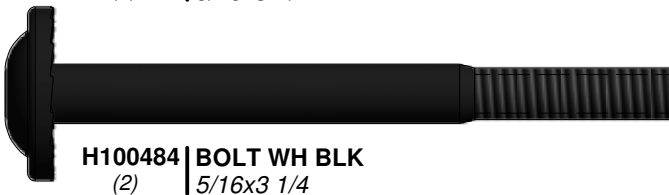
**H100363** | BOLT WH BLK  
(1) | 5/16X6



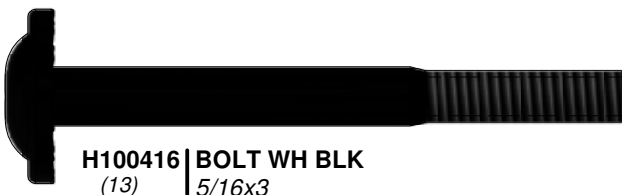
**H100415** | BOLT WH BLK  
(34) | 5/16x3 3/4



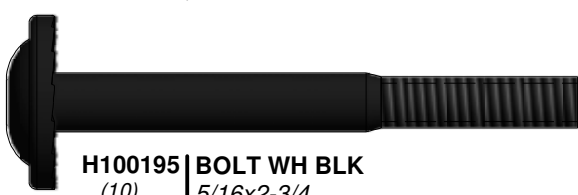
**H100503** | BOLT WH BLK  
(6) | 5/16x3-1/2



**H100484** | BOLT WH BLK  
(2) | 5/16x3 1/4



**H100416** | BOLT WH BLK  
(13) | 5/16x3



**H100195** | BOLT WH BLK  
(10) | 5/16x2-3/4



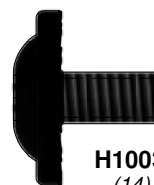
**H100194** | BOLT WH BLK  
(3) | 5/16x2 1/2



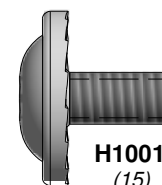
**H100205** | BOLT WH BLK  
(30) | 5/16x2-1/4



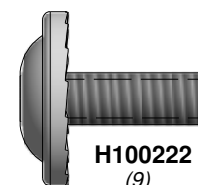
**H100457** | BOLT WH BLK  
(7) | 5/16x2



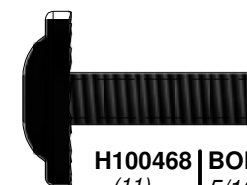
**H100396** | BOLT WH BLK  
(14) | 5/16x1/2



**H100115** | BOLT WH  
(15) | 5/16x1/2



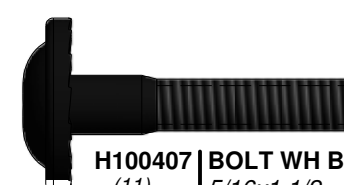
**H100222** | BOLT WH  
(9) | 5/16x3/4



**H100468** | BOLT WH BLK  
(11) | 5/16x1



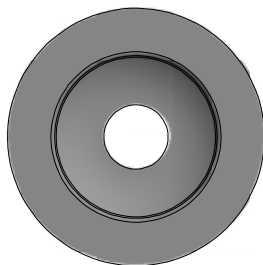
**H100459** | BOLT WH BLK  
(6) | 5/16x1 1/4



**H100407** | BOLT WH BLK  
(11) | 5/16x1 1/2



**H100378** | BOLT WH BLK  
(13) | 5/16x1 3/4



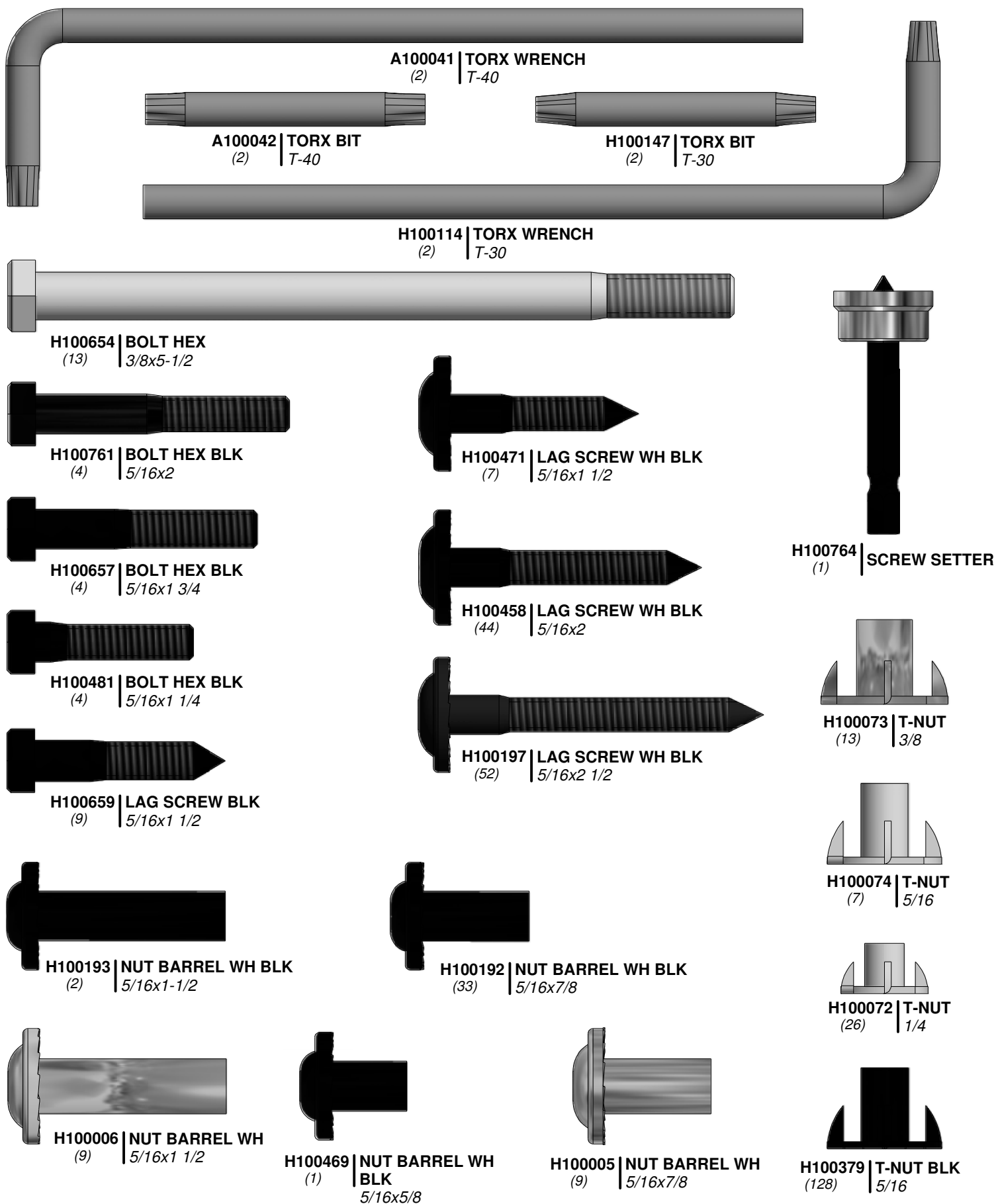
**H100225** | FLANGE CUP  
(1) | WASHER  
9x34



**H100082** | SCREW TAPPING  
(1) | 14x2 1/2



## Hardware Components





## Hardware Components



**H100090 | SCREW PFH**  
(41) | 8x2 1/2"



**H100091 | SCREW PFH**  
(2) | 8x2 1/4



**H100111 | SCREW PFH**  
(13) | 8x2



**H100089 | SCREW PFH**  
(4) | 8x1 3/4



**H100086 | SCREW PFH**  
(244) | 8x1 1/2



**H100087 | SCREW PFH**  
(2) | 8x1 1/4



**H100088 | SCREW PFH**  
(338) | 8x1 1/8



**H100121 | SCREW PFH**  
(6) | 8x3/4



**H100201 | SCREW PFH BLK**  
(17) | 8x2-1/2



**H100483 | SCREW PFH BLK**  
(35) | 8x2 1/4



**H100391 | SCREW PFH BLK**  
(72) | 8x2



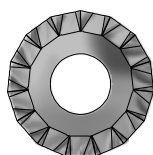
**H100200 | SCREW PFH BLK**  
(74) | 8x1 1/2



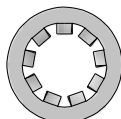
**H100380 | SCREW PFH BLK**  
(49) | 8x1 1/8



**H100385 | SCREW PFH BLK**  
(9) | 8x1



**H100030 | WASHER LOCK EXT**  
(9) | 8x19



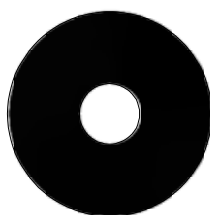
**H100108 | WASHER LOCK INT**  
(26) | 8x15



**H100199 | WASHER LOCK EXT BLK**  
(24) | 12x19



**H100198 | WASHER LOCK EXT BLK**  
(192) | 8x19



**H100478 | WASHER FLAT BLK**  
(22) | 8x27



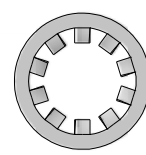
**H100832 | BOLT PTH**  
(4) | 1/4x3/4



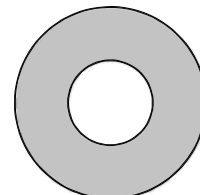
**H100831 | NUT BARREL PTH BLK**  
(4) | 1/4x3/4



**H100063 | BOLT PTH**  
(26) | 1/4x3/4



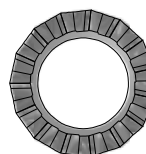
**H100107 | WASHER LOCK INT**  
(13) | 10x18



**H100102 | WASHER FLAT**  
(13) | 11x25



**H100477 | WASHER SPLIT BLK**  
(22) | 5/16



**H100031 | WASHER LOCK EXT**  
(9) | 12x19



**H100360 | SCREW PPH WZ**  
(4) | 4x1/2



**H100797 | SCREW PWH BLK**  
(19) | 8x1



**H100202 | SCREW PWH BLK**  
(4) | 8x5/8



**H100408 | SCREW PWH BLK**  
(2) | 8x1/2



**H100070 | SCREW PWH**  
(4) | 8x3/4



**H100128 | SCREW PWH**  
(26) | 8x5/8



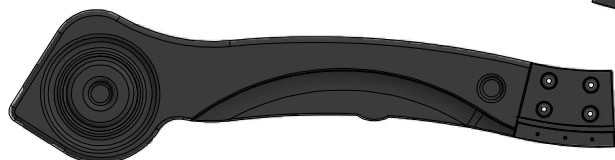
### Accessory Components (Not to Scale)



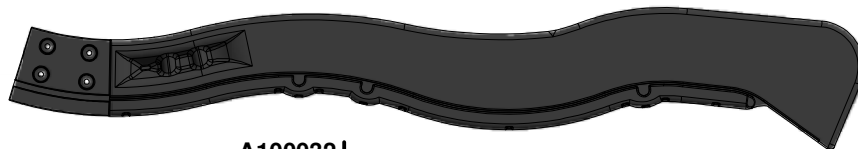
A100030  
(1) | SLIDE RAIL 10' BOTTOM LEFT GREEN



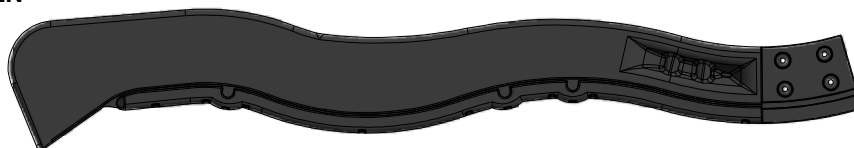
A100027  
(2) | SWING SEAT GREEN 26"



A100031  
(1) | SLIDE RAIL 10' BOTTOM RIGHT GREEN



A100032  
(1) | SLIDE RAIL 10' TOP LEFT GREEN



A100033  
(1) | SLIDE RAIL 10' TOP RIGHT GREEN



A4M01126 WITH HARDWARE  
(x1) | 26" WEB SWING



A6P00036  
(6) | GREEN HC ROCK  
#1



A6P00037  
(6) | GREEN HC ROCK  
#2



A4M01091  
(1) | 60" SLIDE  
BRACE (RIGHT)



A4M01092  
(1) | 60" SLIDE  
BRACE (LEFT)



A6P00385  
(1) | SLIDE BED 10' DARK GREEN



A100034  
(4) | SLIDE SUPPORT TUBE



A100164  
(1) | BYD ID TAG  
(LARGE) AGES  
3-10



A4M01150  
(1) | VERTICAL ID  
PLATE



## Accessory Components (Not to Scale)



A100047  
(4) | CHAIN GREEN 57"



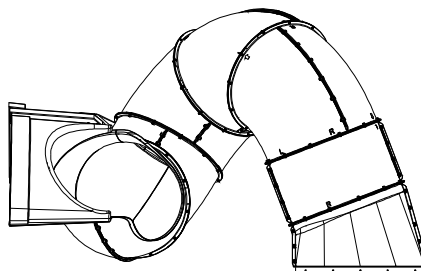
A100134  
(2) | HAND GRIP GREEN 816 C/C



A100324  
(2) | LADDER RUNG 578 GREEN



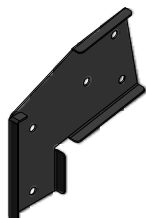
A100118  
(4) | HAND GRIP  
METAL GREEN  
381 c/c



(1) TUBE SLIDE ASSEMBLY



A100069  
(4) | QUICK LINK



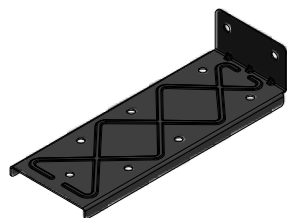
A100325  
(1) | SWING BEAM  
EXTENSION  
BRACKET-LEFT



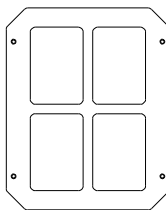
A100314  
(1) | "A" REVISION TAG



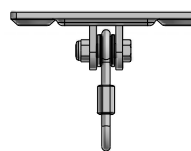
A100326  
(1) | SWING BEAM  
EXTENSION  
BRACKET-RIGHT



A4M00993  
(2) | EXTENDED  
SWING BEAM  
BRACKET



A100014  
(1) | PLASTIC WINDOW WHITE



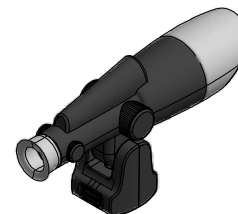
A4M00505  
(6) | SWING HANGER



A100396  
(4) | L BRACKET 51x32x82x3.175



A100178  
(4) | AUGER GROUND STAKE



A100104  
(1) | TELESCOPE



A4M00527  
(2) | GROUND STAKE REBAR



A100340  
(11) | L BRACKET 2.5x38x50x55



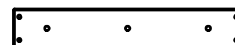


# SLIDE ASSEMBLY

## STEP 1



**A6P00385**  
(x1) | **SLIDE BED 10' DARK GREEN**



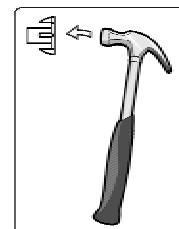
**M70** | **SLIDE BED SUPPORT - W100935**  
(1) | 5/8"x3 3/8"x19 7/8" (16x86x505)



**H100115** | **BOLT WH**  
(x3) | 5/16x1/2



**H100074** | **T-NUT**  
(x3) | 5/16



TOP

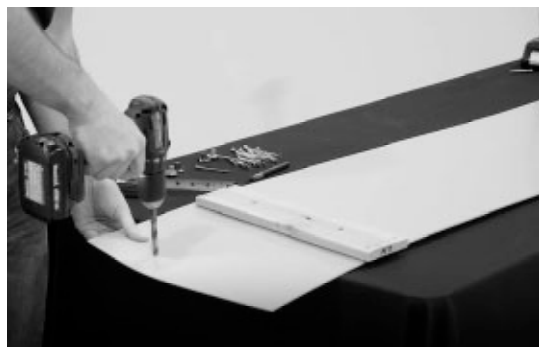
**385** (x1)  
**SLIDE BED 10' DARK GREEN**



**TIP:**  
SEE SLIDE ASSEMBLY  
INSTALLATION STEP FOR  
DECK MOUNTING HOLE  
DRILLING LOCATIONS.



**TIP:**  
PRE-BENDING THE ENDS WILL EASE  
ASSEMBLY. PLACING THE SLIDE BED OUT  
IN THE SUN MAKES IT EASIER TO BEND.



**115** (x3)  
**BOLT WH 5/16x1/2**

**074** (x3)  
**T-NUT 5/16**

**M70** (x1)

**BOTTOM**



### NOTE:

USE **M70** BOARD AS A TEMPLATE FOR DRILLING  
BOTTOM HOLE PATTERN IN SLIDE BED.  
BE SURE TO PLACE SLIDE SUPPORT BOARD UP 1/2"  
FROM BOTTOM EDGE OF SLIDE BED BEFORE  
MARKING HOLE PATTERN.  
USE A 7/16" DRILL BIT TO DRILL HOLE PATTERN.



# SLIDE ASSEMBLY

## STEP 2



**A100031**  
(x1) | **SLIDE RAIL 10' BOTTOM RIGHT GREEN**



**A100033**  
(x1) | **SLIDE RAIL 10' TOP RIGHT GREEN**



**A4M01091**  
(1) | **60\"/>**



**A100030**  
(x1) | **SLIDE RAIL 10' BOTTOM LEFT GREEN**



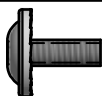
**A100032**  
(x1) | **SLIDE RAIL 10' TOP LEFT GREEN**



**A4M01092**  
(1) | **60\"/>**



**H100006**  
(x8) | **NUT BARREL WH**  
5/16x1 1/2



**H100222**  
(x8) | **BOLT WH**  
5/16x3/4



**H100030**  
(x8) | **WASHER LOCK EXT**  
8x19



**H100121**  
(x6) | **SCREW PFH**  
8x3/4



**NOTE:**  
USING AN 1/8" DRILL BIT, PILOT  
DRILL ALL SCREW DIMPLES ALONG  
THE BOTTOM AND END EDGE OF  
THE SLIDE.



**NOTE:**  
BUILD 2 SIDE RAILS, MAKING A LEFT  
AND RIGHT ASSEMBLY.



**033 (1)**  
**SLIDE RAIL 10' TOP RIGHT GREEN**

**031 (1)**  
**SLIDE RAIL 10' BOTTOM RIGHT GREEN**

**006 (x4)**  
**NUT BARREL - 1 1/2"**

**121 (x3)**  
**SCREW - 8x3/4"**

**030 (x4)**  
**WASHER - 8x19**

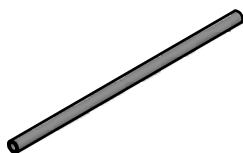
**222 (x4)**  
**BOLT - 3/4"**

**091 (1)**  
**60" SLIDE BRACE (RIGHT)**



# SLIDE ASSEMBLY

## STEP 3



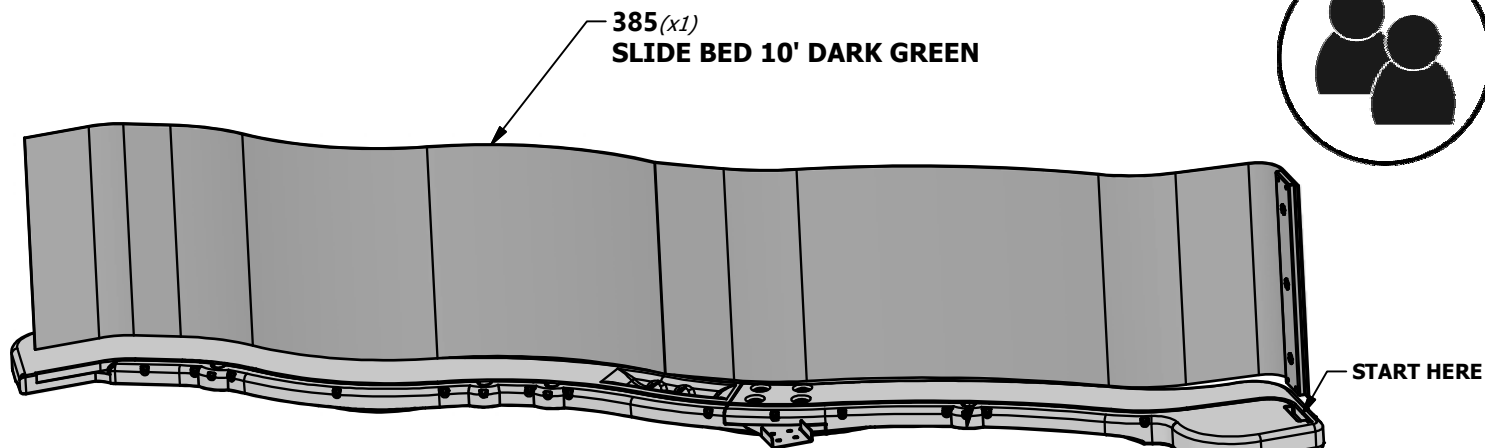
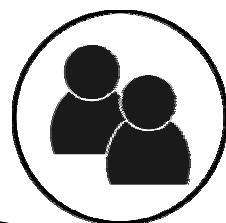
**A100034**  
(x4) | **SLIDE SUPPORT TUBE**



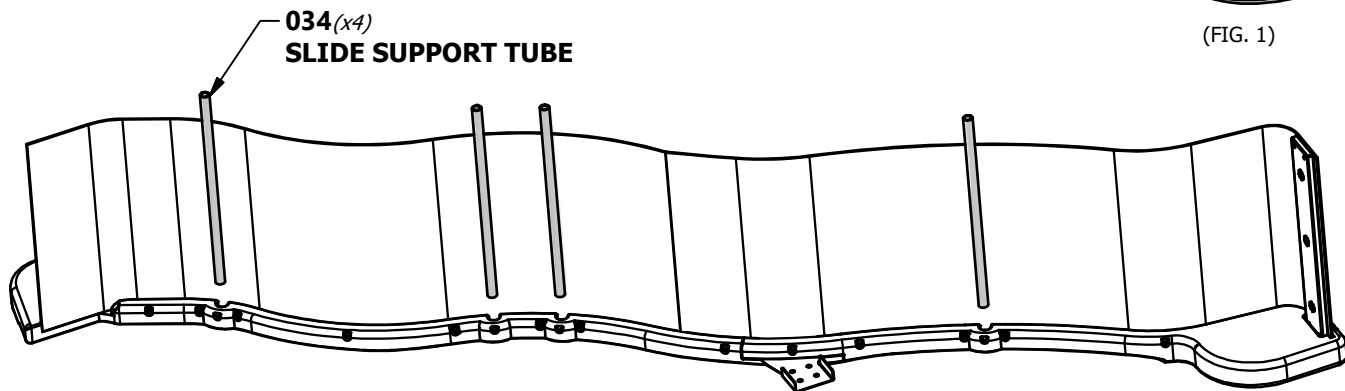
### NOTE:

PLACE (1) SLIDE RAIL ASSEMBLY ON A FLAT SURFACE AND BEGIN INSERTING SLIDE BED AT THE BOTTOM OF THE SLIDE RAIL (FIG. 1). HAVE A HELPER BEND THE SLIDE BED TOWARDS THE TOP OF THE SLIDE AND INSERT THE BED INTO THE SLIDE CAVITY. MAKE SURE SLIDE BED IS COMPLETELY DOWN IN THE SLIDE CAVITY.

INSERT THE (4) SLIDE SUPPORT TUBES INTO THEIR RESPECTIVE PILOT LOCATIONS (FIG. 2).



(FIG. 1)



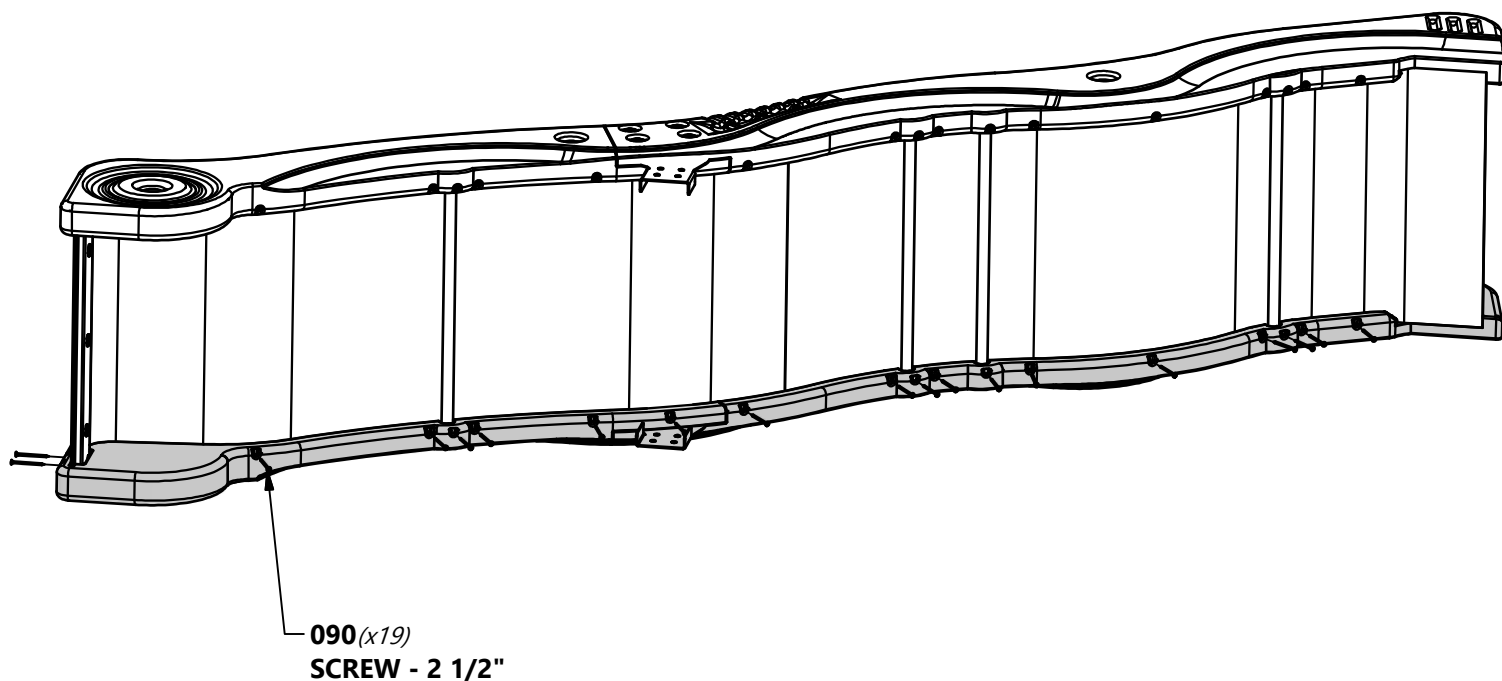
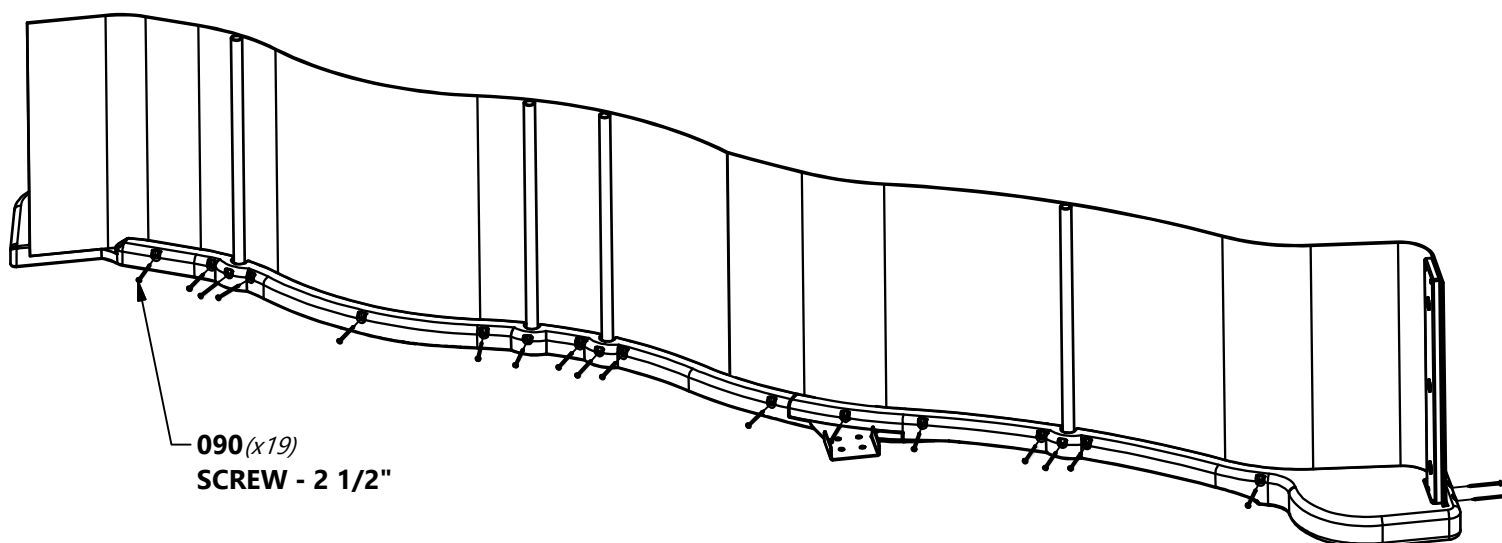
(FIG. 2)





**H100090 | SCREW PFH**  
(x38) 8x2 1/2"

**NOTE:**  
ONCE THE SLIDE BED, SUPPORT TUBES, AND SUPPORT BOARD ARE COMPLETELY IN THE CAVITY AND SUPPORT POCKET, SECURE USING 2-1/2" SCREWS AT EACH OF THE PILOT HOLE LOCATIONS AS SHOWN.  
REPEAT PROCESS FOR OPPOSITE SLIDE RAIL.





# SLIDE ASSEMBLY

## STEP 5



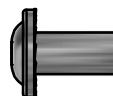
**H80 | SLIDE BRACE WIDE - W4L13300**  
(1) 1"x3 3/8"x18 3/4" (24x86x476)



**H81 | SLIDE BRACE UPRIGHT - W4L13301**  
(2) 1"x3 3/8"x22 7/8" (24x86x580)



**H100115 | BOLT WH**  
(x8) 5/16x1/2



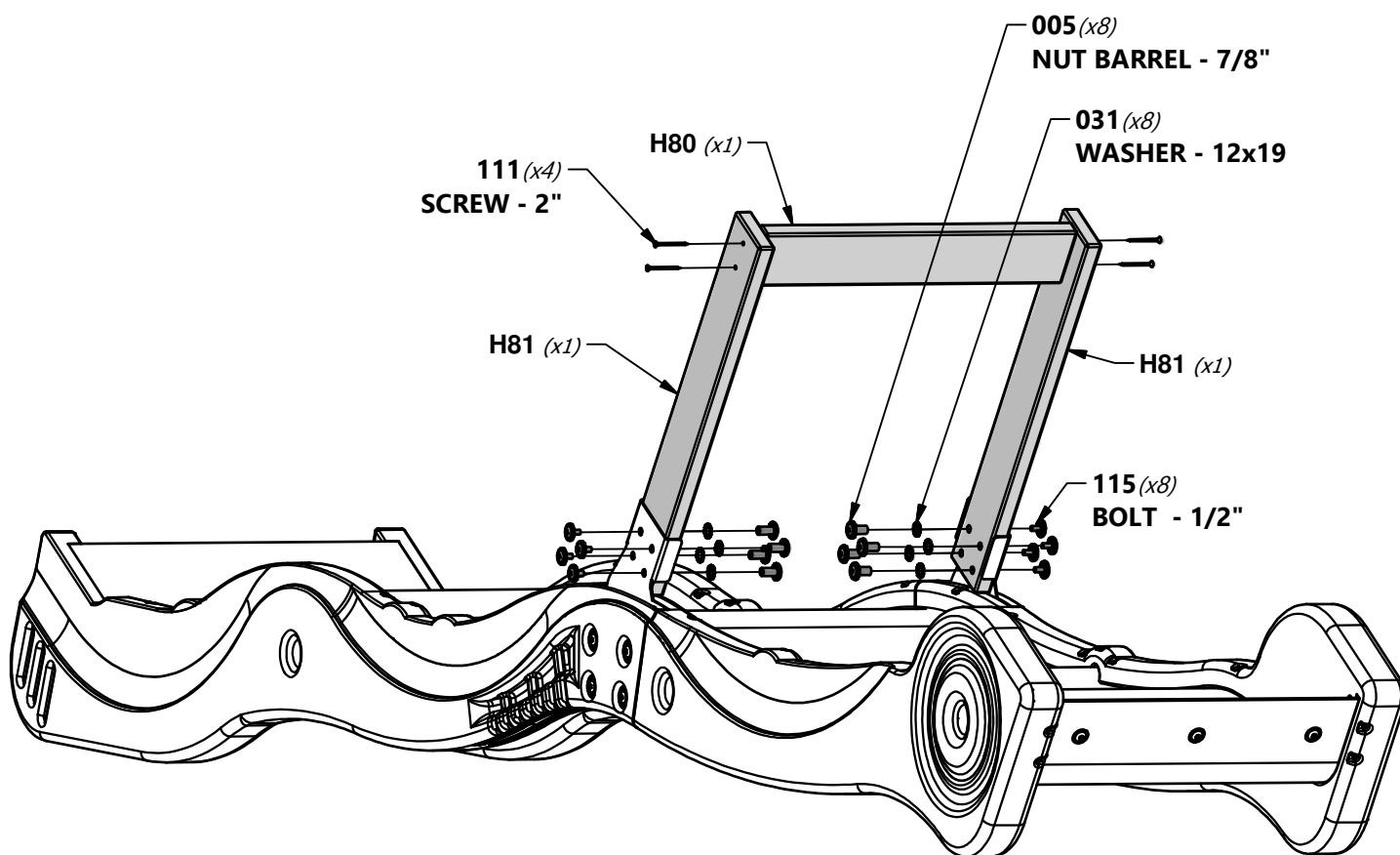
**H100005 | NUT BARREL WH**  
(8) 5/16x7/8



**H100031 | WASHER LOCK  
EXT**  
(8) 12x19



**H100111 | SCREW PFH**  
(x4) 8x2





# LADDER ASSEMBLY

## STEP 1



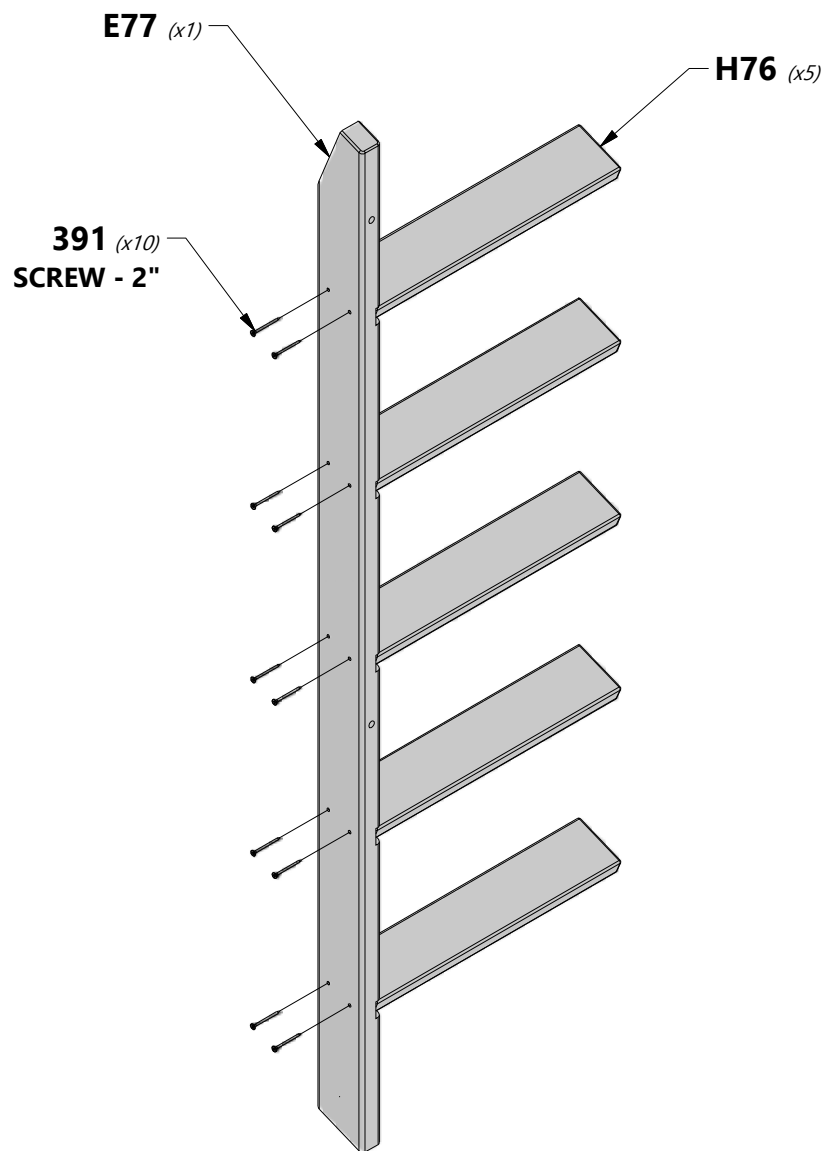
**E77** | LEFT UPRIGHT - W4L12693  
(1) | 1 3/8"x3 3/8"x64 3/8" (36x86x1634)



**H76** | LADDER RUNG - W4L12736  
(5) | 1"x3 3/8"x18 1/8" (24x86x460)



**H100391** | SCREW PFH BLK  
(10) | 8x2

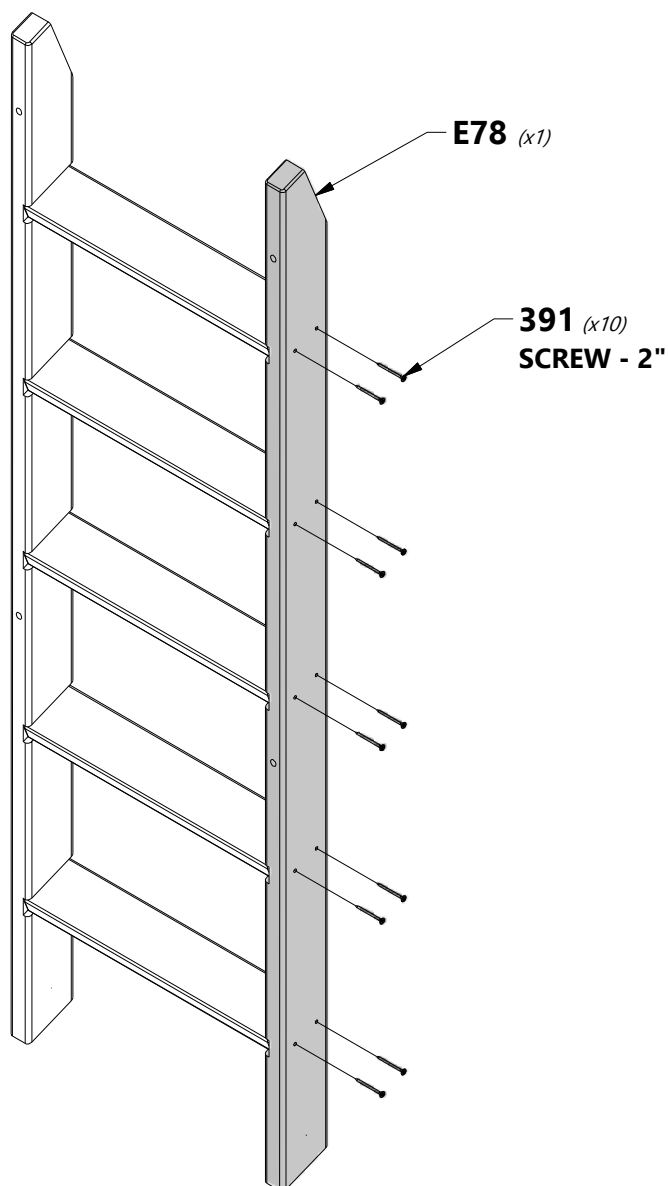




**E78** | RIGHT UPRIGHT - W4L12694  
(1) | 1 3/8"x3 3/8"x64 3/8" (36x86x1634)



**H100391** | SCREW PFH BLK  
(10) | 8x2





# LADDER ASSEMBLY

## STEP 3



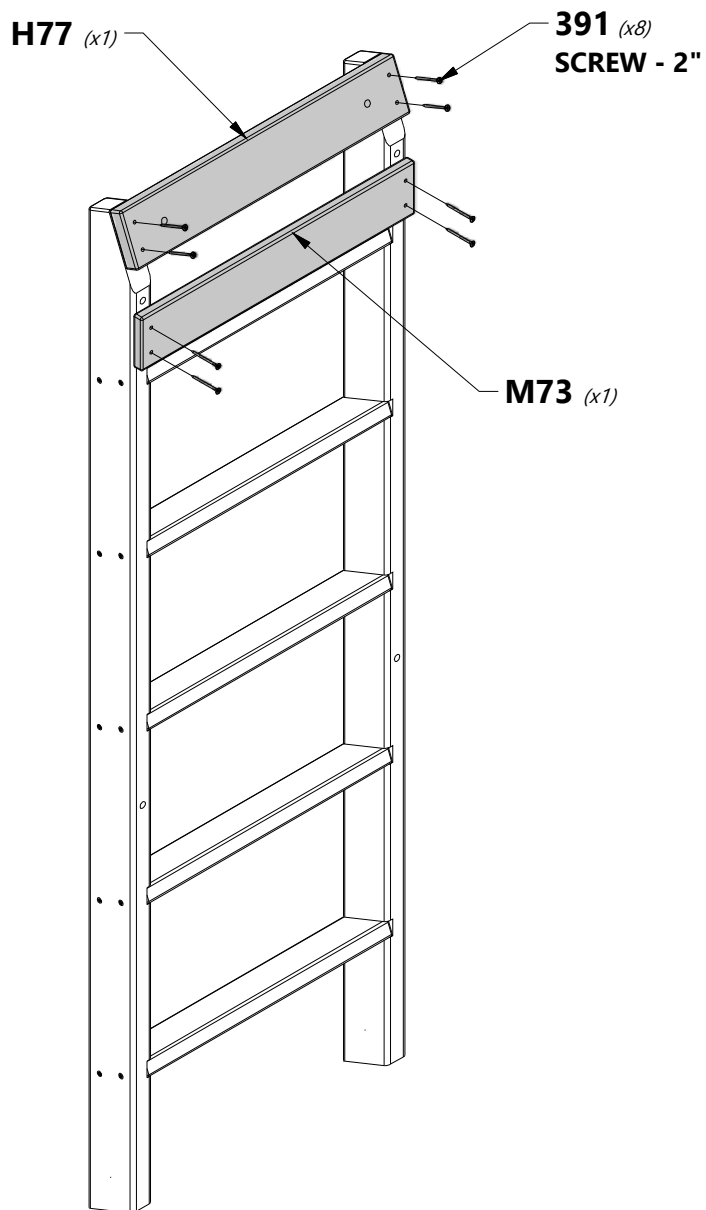
**H77** | ATTACHMENT BOARD - W4L12737  
(1) | 1"x3 3/8"x20 1/8" (24x86x512)



**M73** | REAR SUPPORT - W4L12772  
(1) | 5/8"x3 3/8"x20 1/8" (16x86x512)



**H100391** | SCREW PFH BLK  
(8) | 8x2







# LADDER ASSEMBLY

## STEP 4



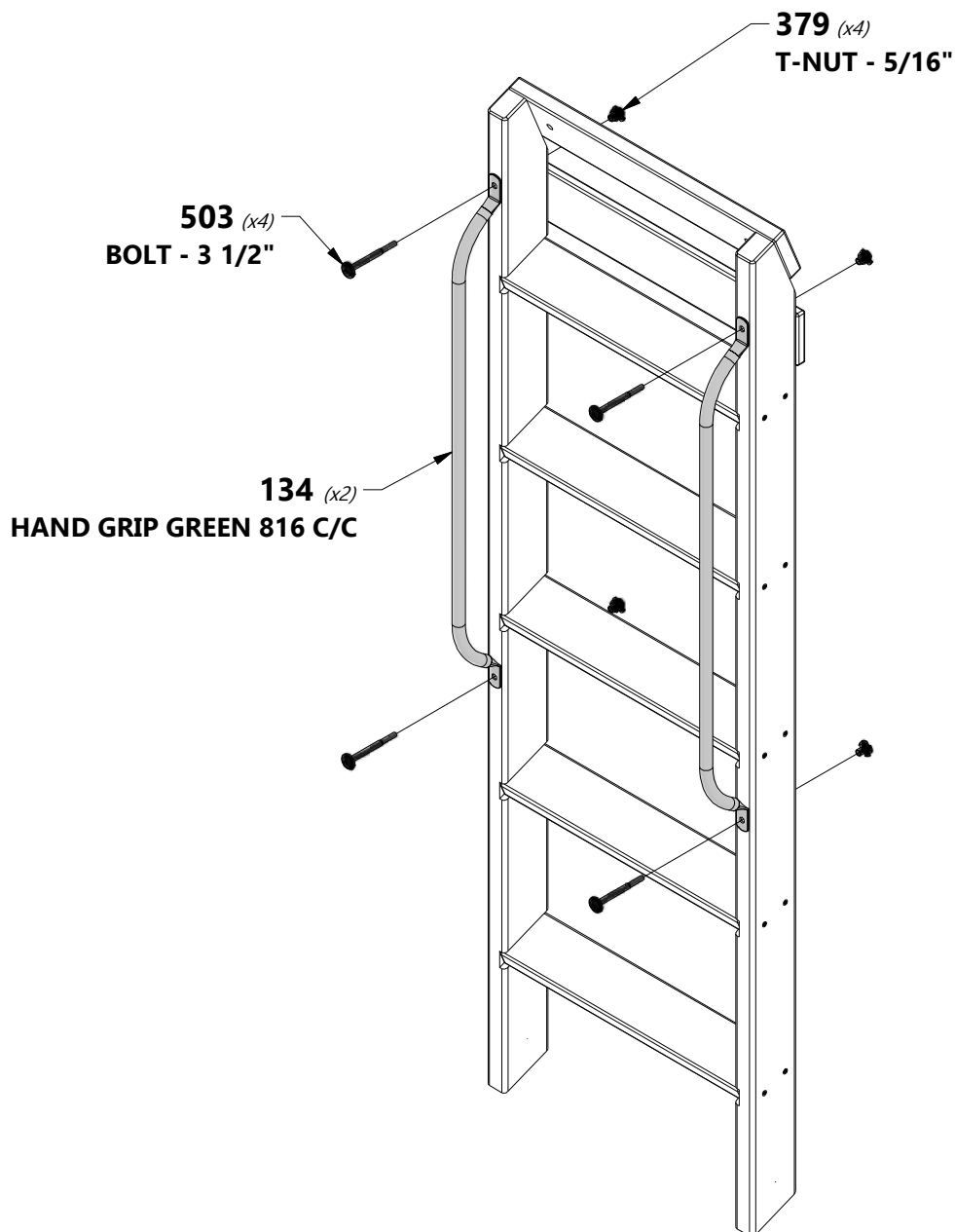
**A100134**  
(2) | **HAND GRIP GREEN 816 C/C**



**H100503** | **BOLT WH BLK**  
(4) | **5/16x3-1/2**



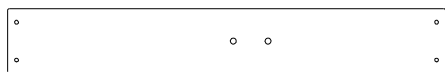
**H100379** | **T-NUT BLK**  
(4) | **5/16**





# ROCKWALL ASSEMBLY

## STEP 1



**M75** | ROCK WALL BOARD - W4L12774  
(4) 5/8"x3 3/8"x22 7/8" (16x86x580)



**M76** | ROCK WALL BOARD - W4L12775  
(4) 5/8"x3 3/8"x22 7/8" (16x86x580)



**A6P00036** | GREEN HC ROCK #1  
(6)



**A6P00037** | GREEN HC ROCK #2  
(6)



**H100108** | WASHER LOCK  
(24) INT 8x15



**H100063** | BOLT PTH  
(24) 1/4x3/4



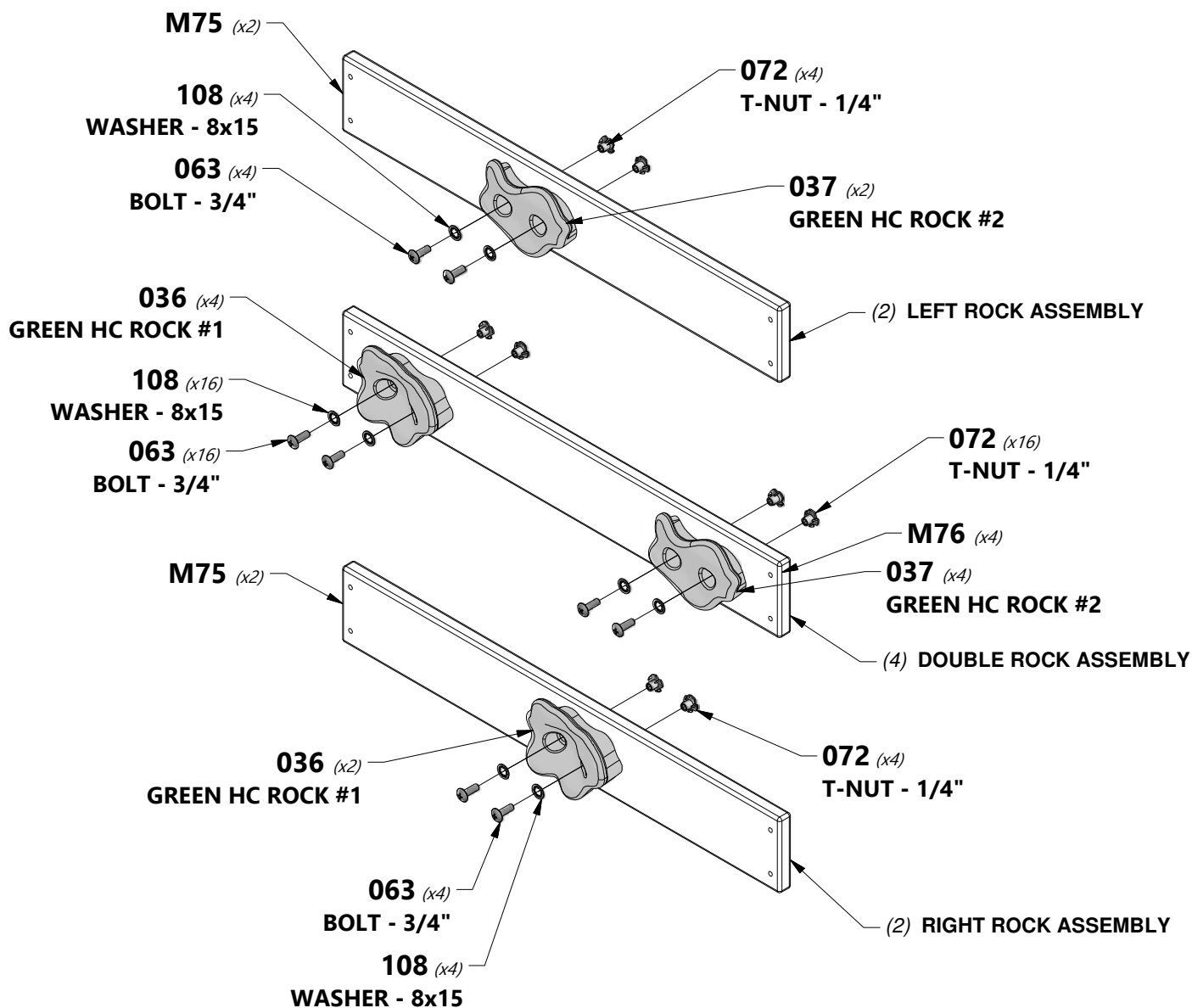
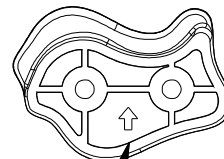
**H100072** | T-NUT  
(24) 1/4



**TIP:**  
INSTALL T-NUTS INTO BOARDS BEFORE ASSEMBLY



ARROW ON BACK OF  
ROCK POINTS UP.  
\*\*PLACE ROCKS AS DESIRED\*\*





# ROCKWALL ASSEMBLY

## STEP 2



(2) LEFT ROCK ASSEMBLY



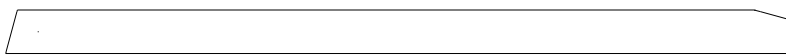
(4) DOUBLE ROCK ASSEMBLY



(2) RIGHT ROCK ASSEMBLY



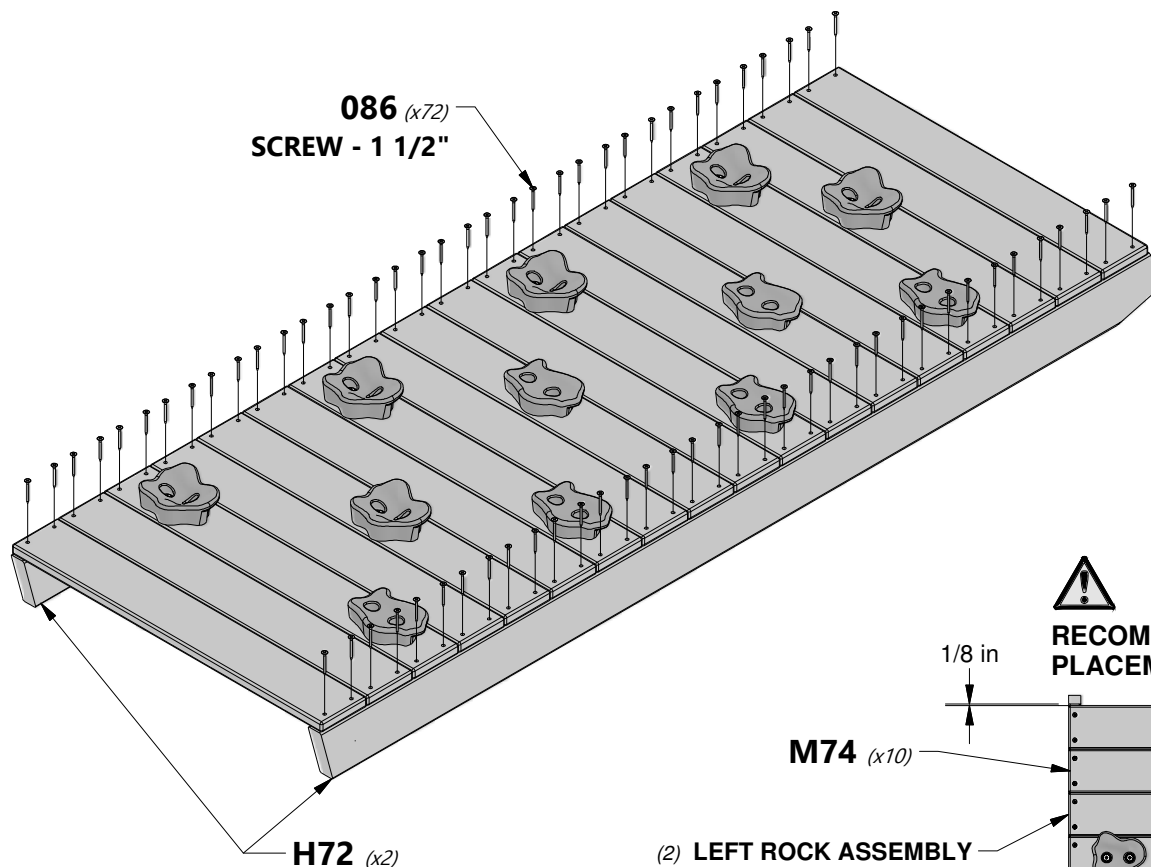
**M74** | ROCK WALL BOARD - W4L12773  
(10) 5/8"x3 3/8"x22 7/8" (16x86x580)



**H72** | ROCKWALL RAIL - W4L12735  
(2) 1"x3 3/8"x61 3/4" (24x86x1570)



**H100086** | SCREW PFH  
(72) 8x1 1/2



**086** (x72)  
SCREW - 1 1/2"

**H72** (x2)



TOP

RECOMMENDED BOARD  
PLACEMENT PATTERN

1/8 in

**M74** (x10)

(2) LEFT ROCK ASSEMBLY

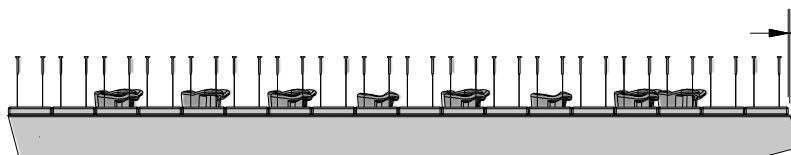
(2) RIGHT ROCK ASSEMBLY

(4) DOUBLE ROCK ASSEMBLY

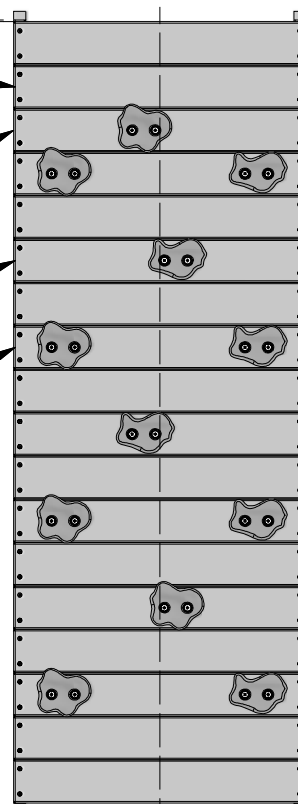


1/8 in

TOP



SIDE VIEW





# ROCKWALL ASSEMBLY

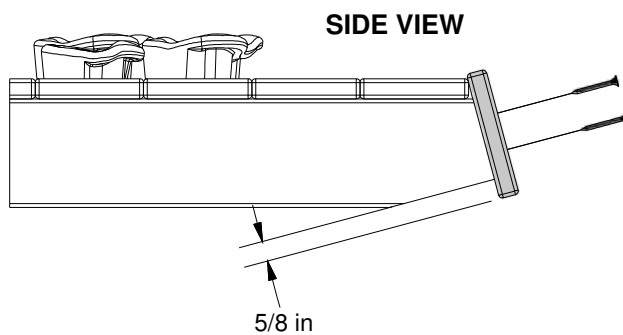
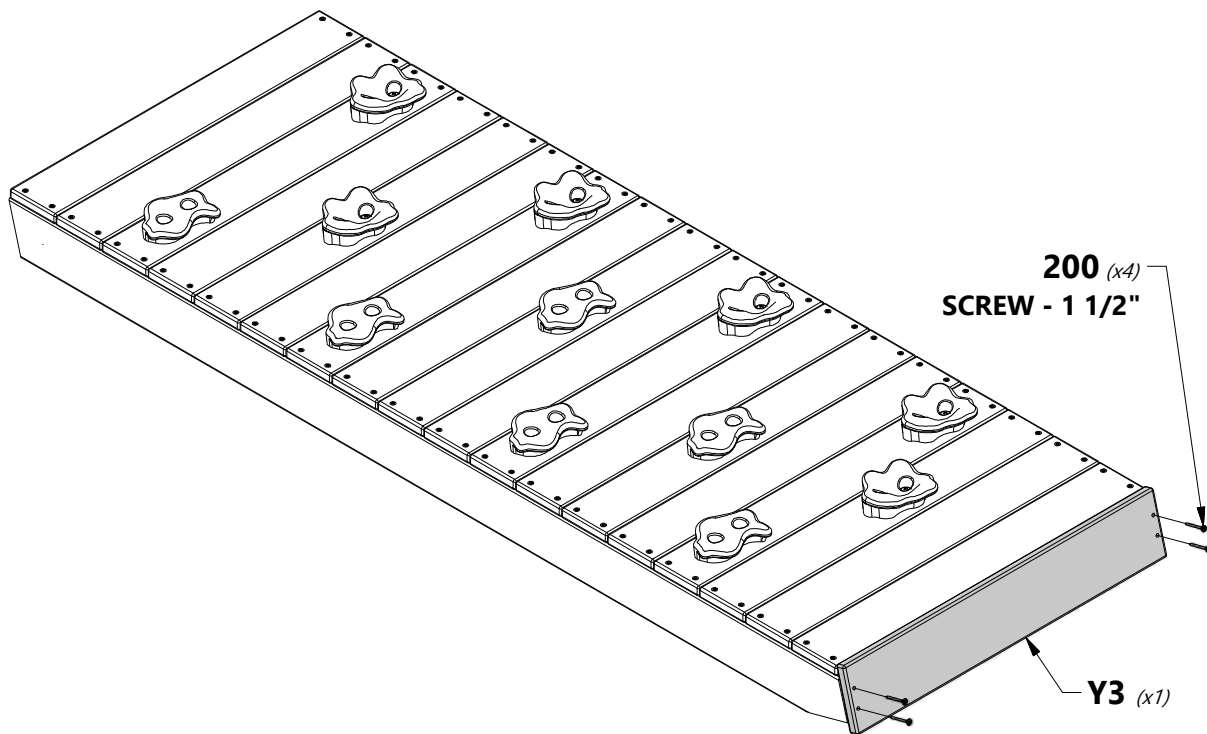
## STEP 3



**Y3** | ROCK WALL END BOARD - W4L12787  
(1) | 5/8"x4"x22 7/8" (16x102x580)



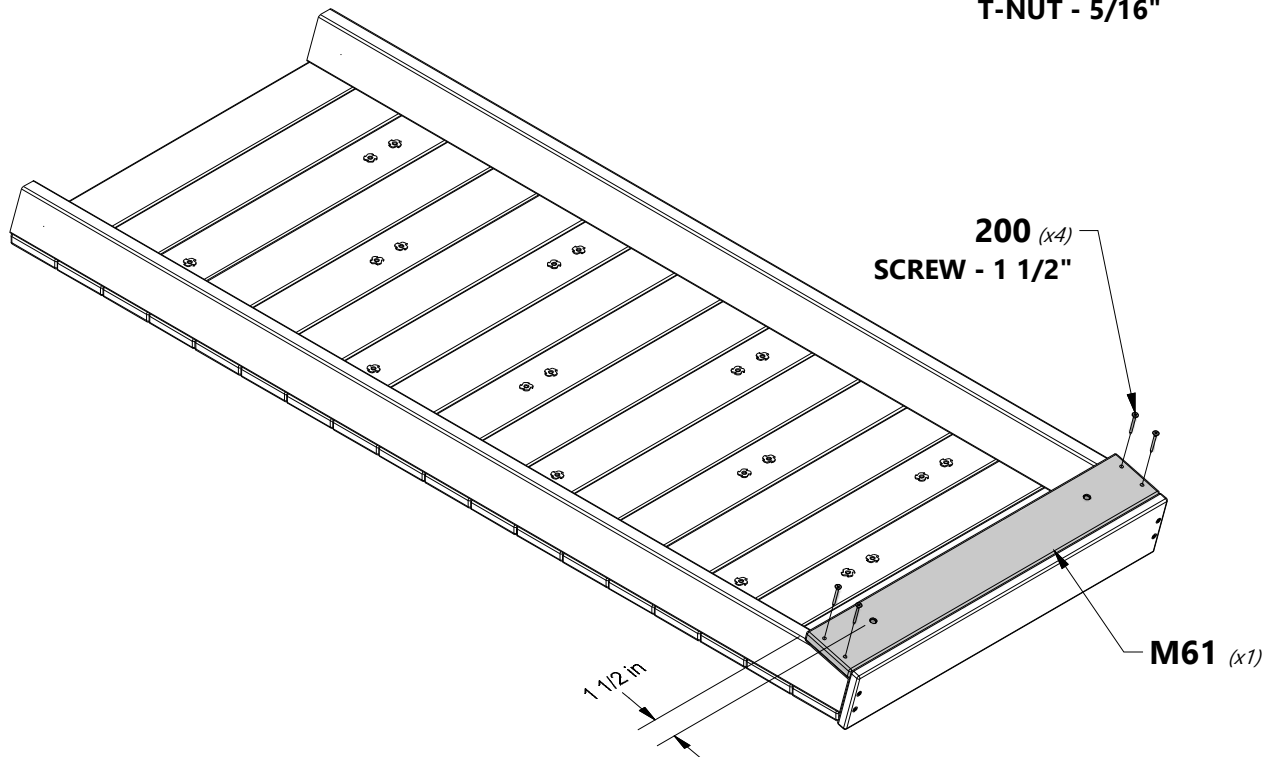
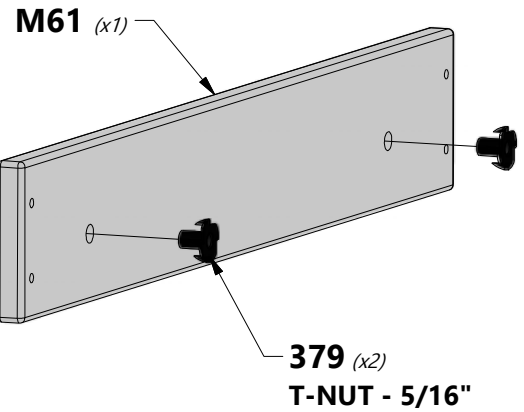
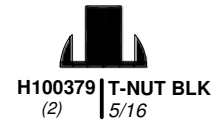
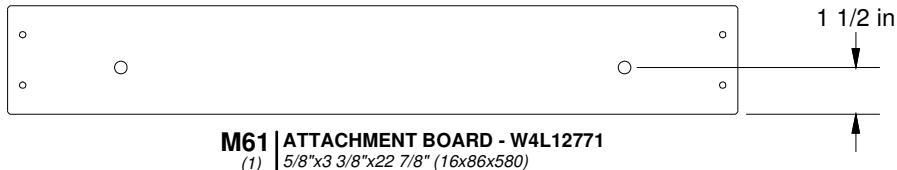
**H100200** | SCREW PFH BLK  
(4) | 8x1 1/2



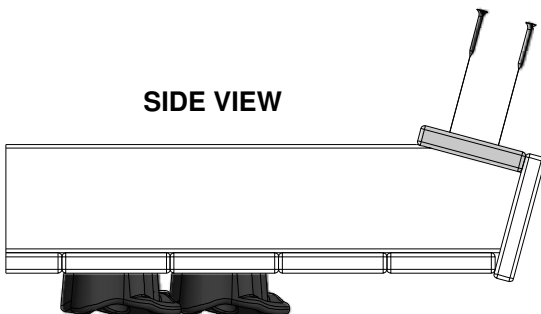


# ROCKWALL ASSEMBLY

## STEP 4



SIDE VIEW

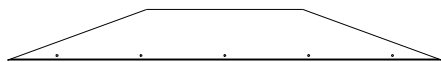


**T-NUTS TO THE INSIDE  
WHEN INSTALLING BOARD**

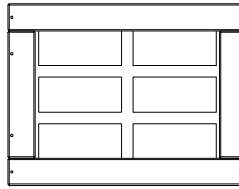


# BAY WINDOW

## STEP 1



**G5** | BAY WINDOW HEADER - W4L12702  
(4) | 1"x5 1/4"x45 1/4" (24x134x1150)



**WP1** | BAY WINDOW PANEL - W2A02656  
(6) | 7/8"x15 3/4"x20 3/4" (21x400x526)



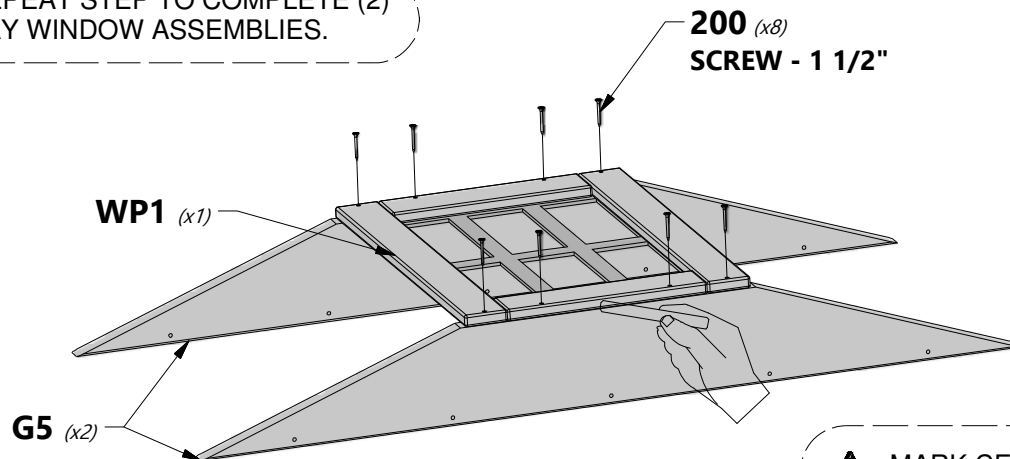
**H100200** | SCREW PFH BLK  
(40) | 8x1 1/2



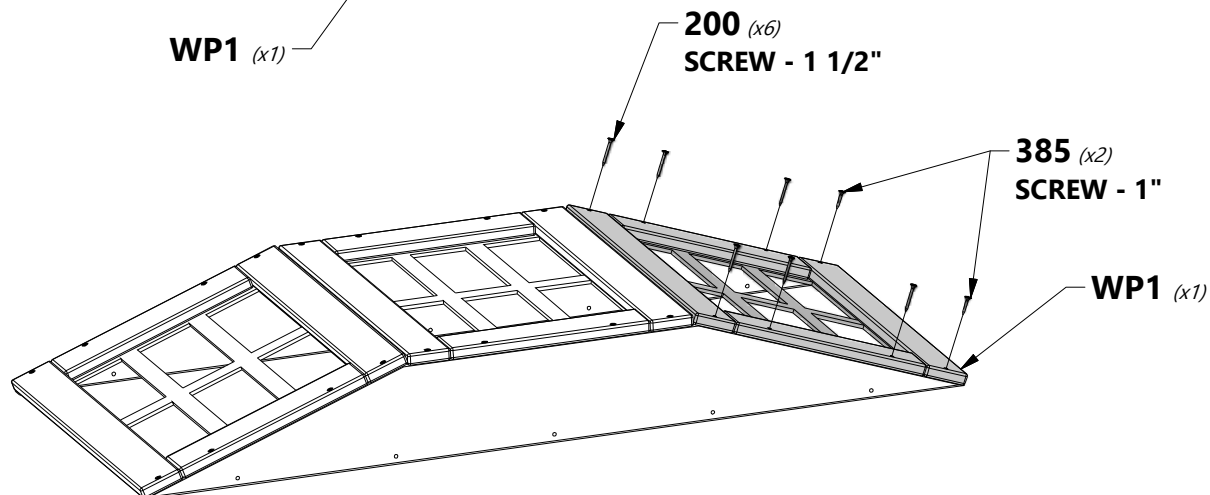
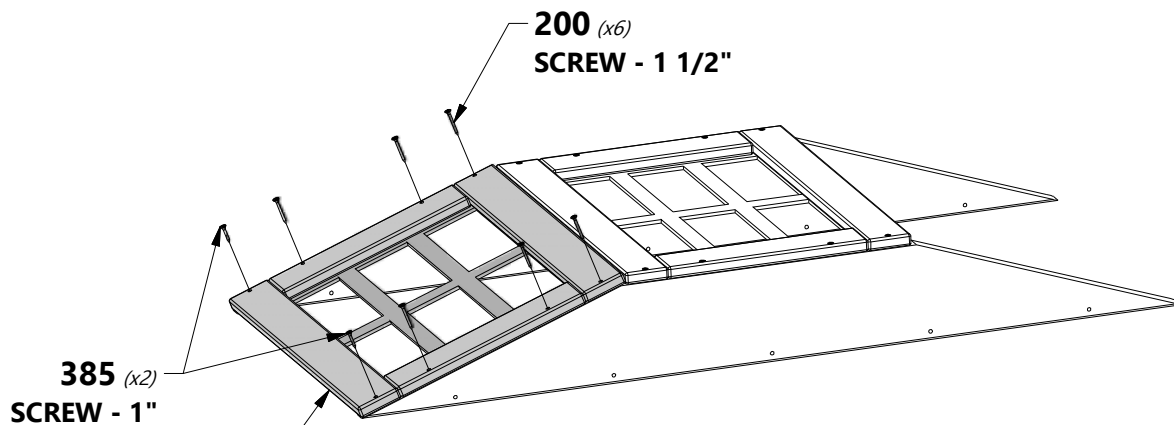
**H100385** | SCREW PFH BLK  
(8) | 8x1



REPEAT STEP TO COMPLETE (2)  
BAY WINDOW ASSEMBLIES.



MARK CENTERS ON EACH PART  
THEN ALIGN PARTS ON MARKS.





# PORCH ROOF

## STEP 1



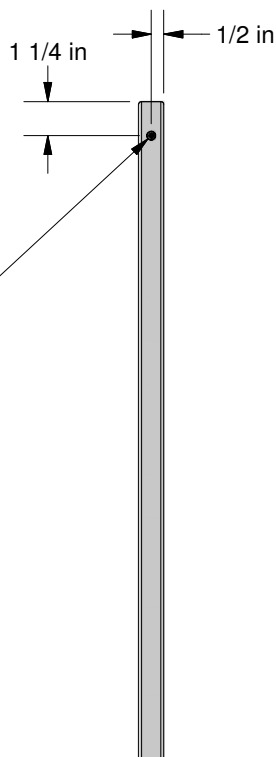
**H20 | PORCH ROOF RAFTER - W4L12725**  
(4) | 1"x3 3/8"x24 1/2" (24x86x622)



**H100483 | SCREW PFH BLK**  
(2) | 8x2 1/4

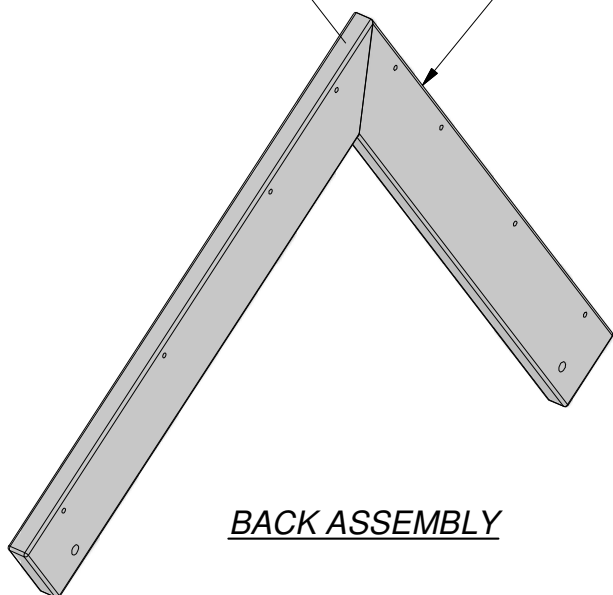


USING A 3/16" DRILL BIT, MARK AND DRILL A PILOT HOLE INTO 'H20' RAFTER TO PREVENT SPLITTING. ONLY DRILL THROUGH ONE RAFTER NOT BOTH.

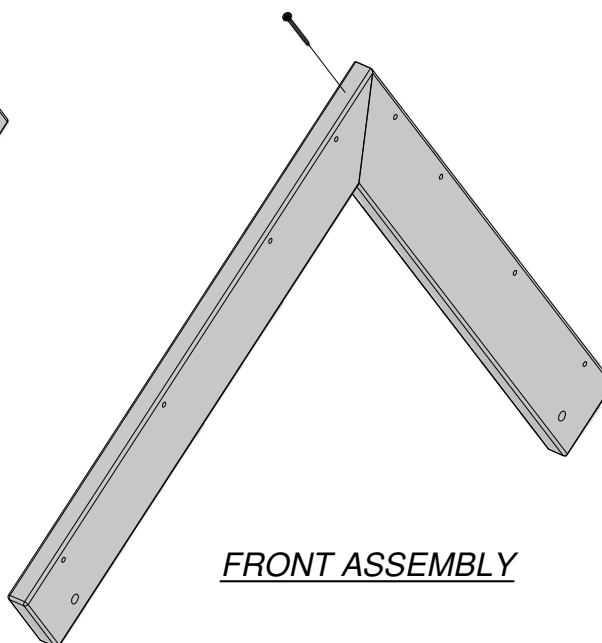


**483 (x2)**  
**SCREW - 8x2 1/4"**

**H20 (x4)**



BACK ASSEMBLY



FRONT ASSEMBLY



# PORCH ROOF

## STEP 2

**M19** | FRONT PORCH ROOF SUPPORT - W4L12760  
(1) | 5/8"x3 3/8"x30 5/8" (16x86x779)

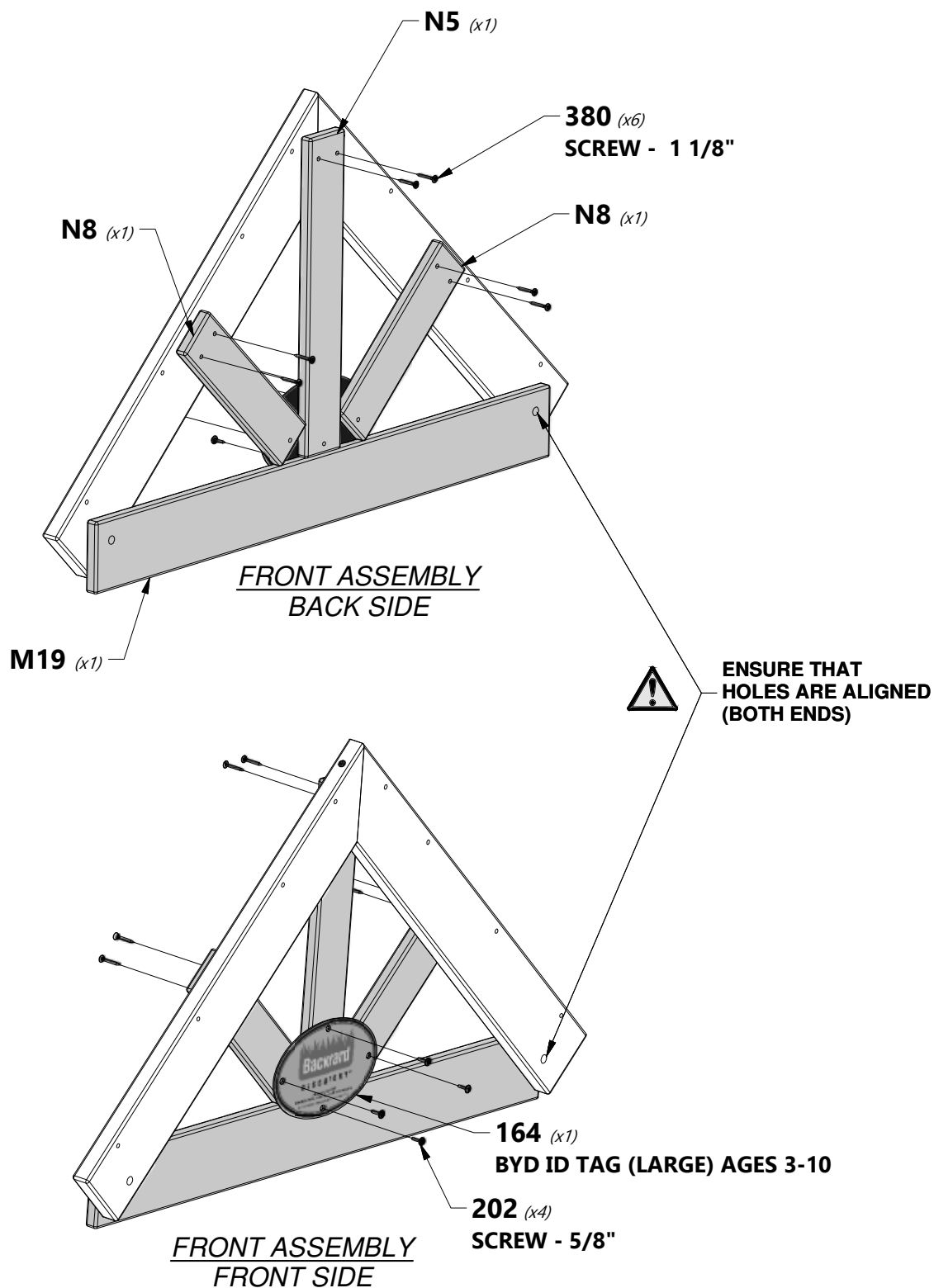
**N8** | FRONT PORCH GABLE TRIM - W4L12782  
(2) | 5/8"x2 3/8"x9 1/2" (16x60x241)

**H100380** | SCREW PFH BLK  
(6) | 8x1 1/8

**A100164** | BYD ID TAG (LARGE) AGES 3-10  
(1)

**N5** | FRONT PORCH GABLE TRIM - W4L12780  
(1) | 5/8"x2 3/8"x15" (16x60x381)

**H100202** | SCREW PWH BLK  
(4) | 8x5/8

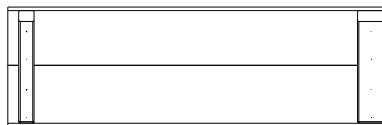
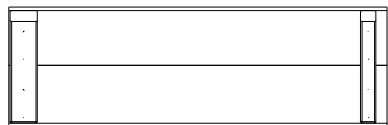






# PORCH ROOF

## STEP 3



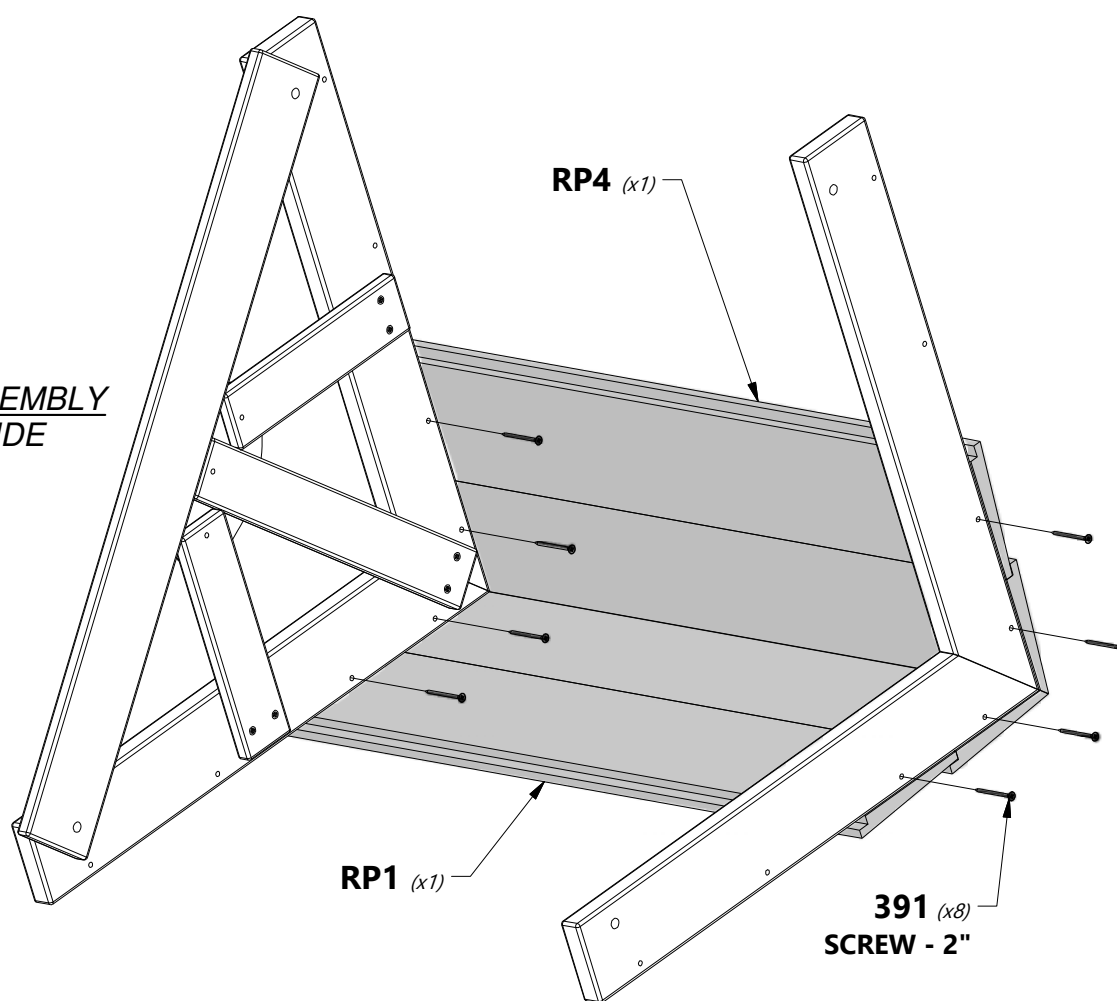
**RP1** | LEFT PORCH PEAK ROOF PANEL - W2A02650  
(1) | 1 5/8"x10 1/2"x32 7/8" (42x268x834)

**RP4** | RIGHT PORCH PEAK ROOF PANEL - W2A02653  
(1) | 1 5/8"x10 1/2"x32 7/8" (42x268x834)



**H100391** | SCREW PFH BLK  
(8) | 8x2

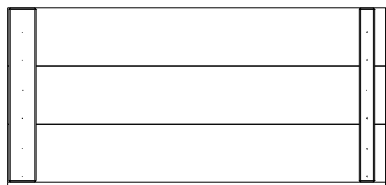
FRONT ASSEMBLY  
BACK SIDE





# PORCH ROOF

## STEP 4



**RP2** | LEFT PORCH ROOF PANEL - W2A02651  
(1) 1 5/8"x15 5/8"x32 7/8" (42x396x834)

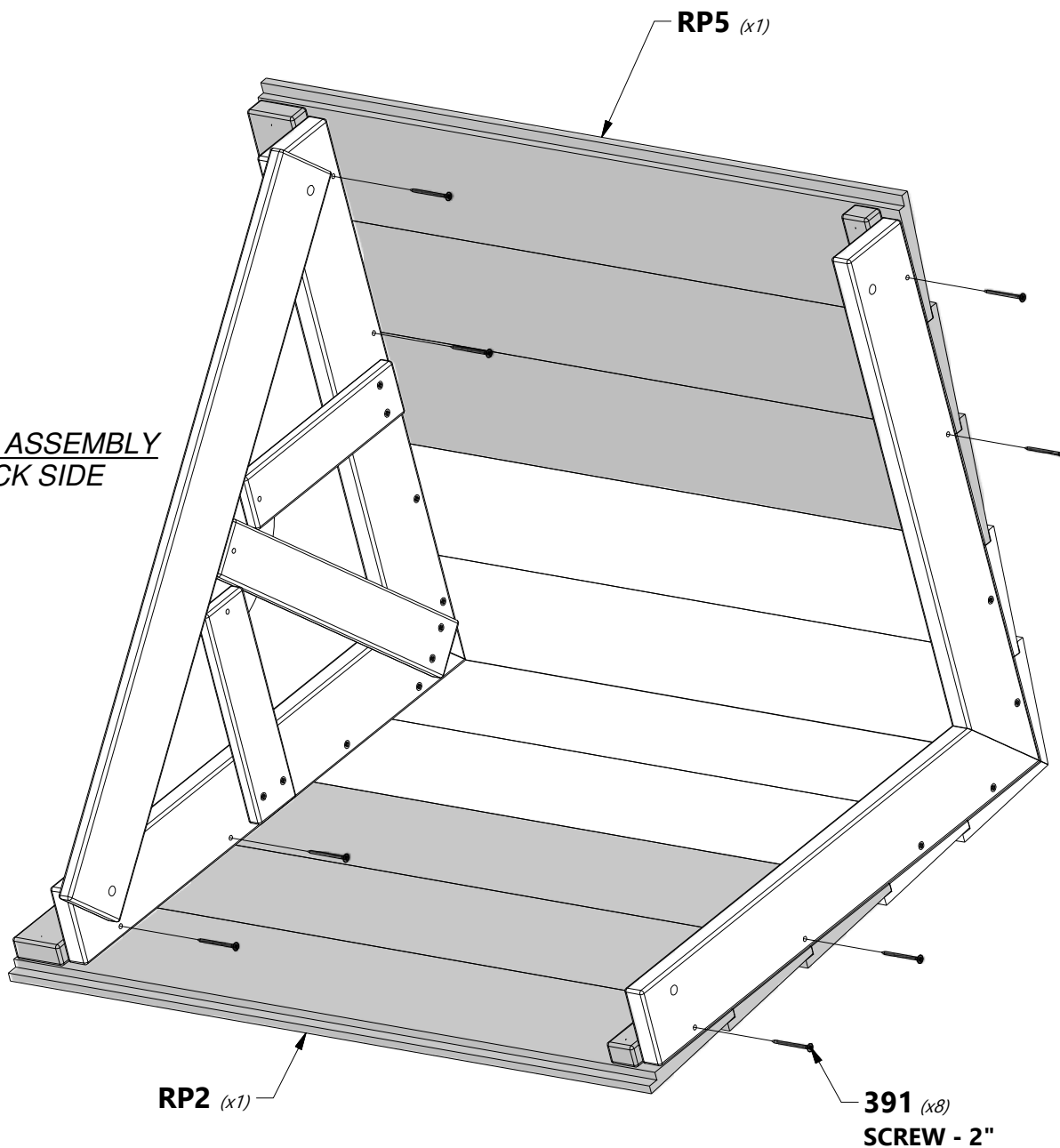


**RP5** | RIGHT PORCH ROOF PANEL - W2A02654  
(1) 1 5/8"x15 5/8"x32 7/8" (42x396x834)



**H100391** | SCREW PFH BLK  
(8) 8x2

FRONT ASSEMBLY  
BACK SIDE





# SWING BEAM

## STEP 1

**A2** | SB 9" BLOCK - W4L12790  
(1) | 3 3/8"x5 1/4"x9" (86x134x228)

**A100325** | SWING BEAM  
(1) | EXTENSION  
BRACKET-LEFT

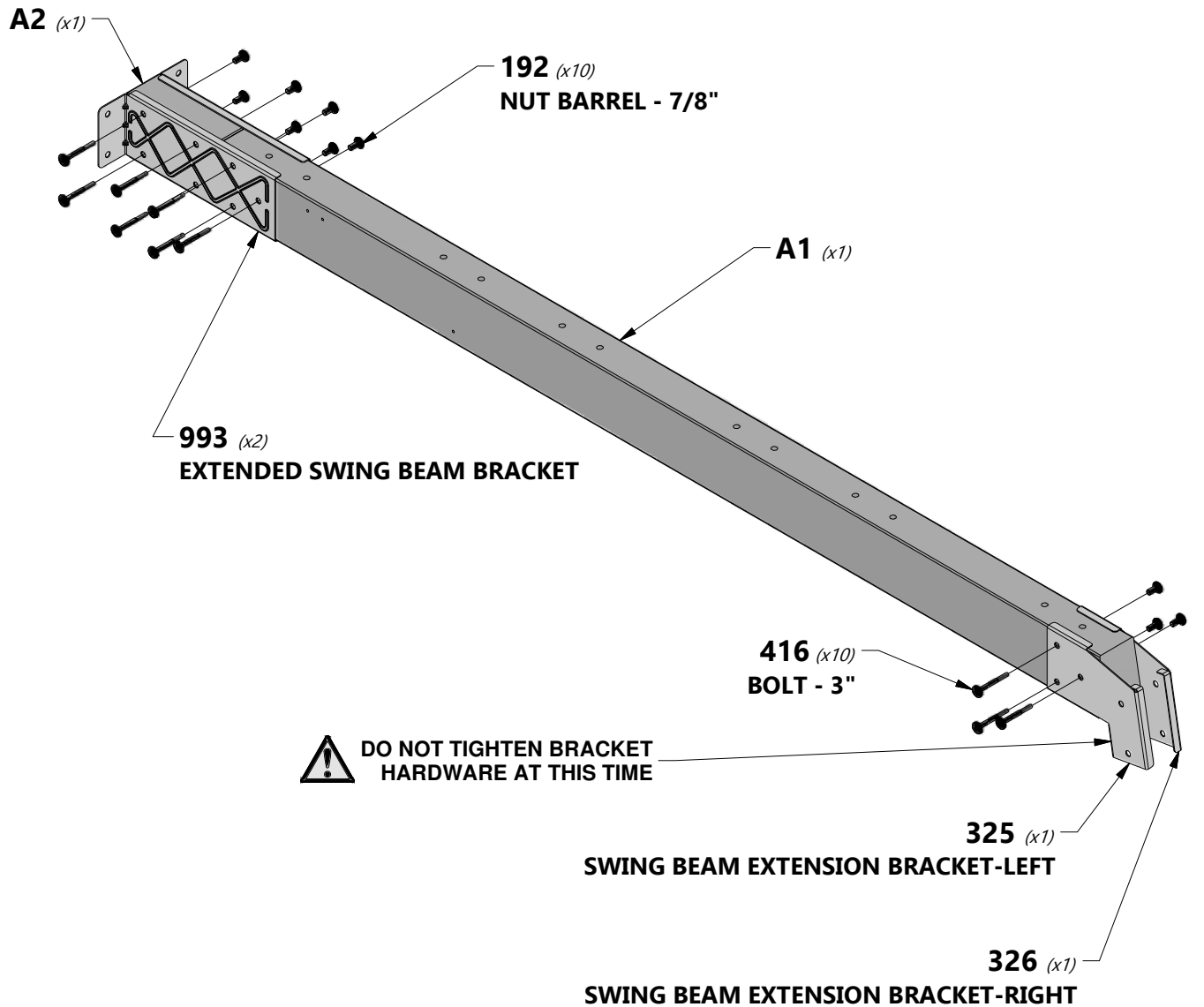
**A1** | SWING BEAM - W4L12789  
(1) | 3 3/8"x5 1/4"x89 1/2" (86x134x2274)

**A100326** | SWING BEAM  
(1) | EXTENSION  
BRACKET-RIGHT

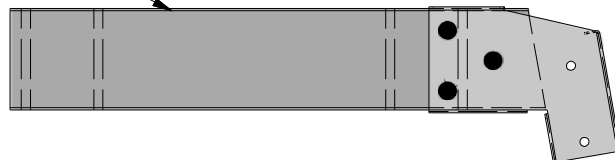
**A4M00993** | EXTENDED  
(2) | SWING BEAM  
BRACKET

**H100416** | BOLT WH BLK  
(10) | 5/16x3

**H100192** | NUT BARREL WH BLK  
(10) | 5/16x7/8



**THIS EDGE UPWARDS**





# SWING BEAM

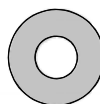
## STEP 2



**H100654 | BOLT HEX**  
(12) | 3/8x5-1/2



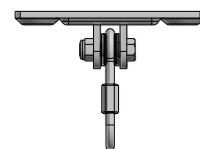
**H100107 | WASHER LOCK INT**  
(12) | 10x18



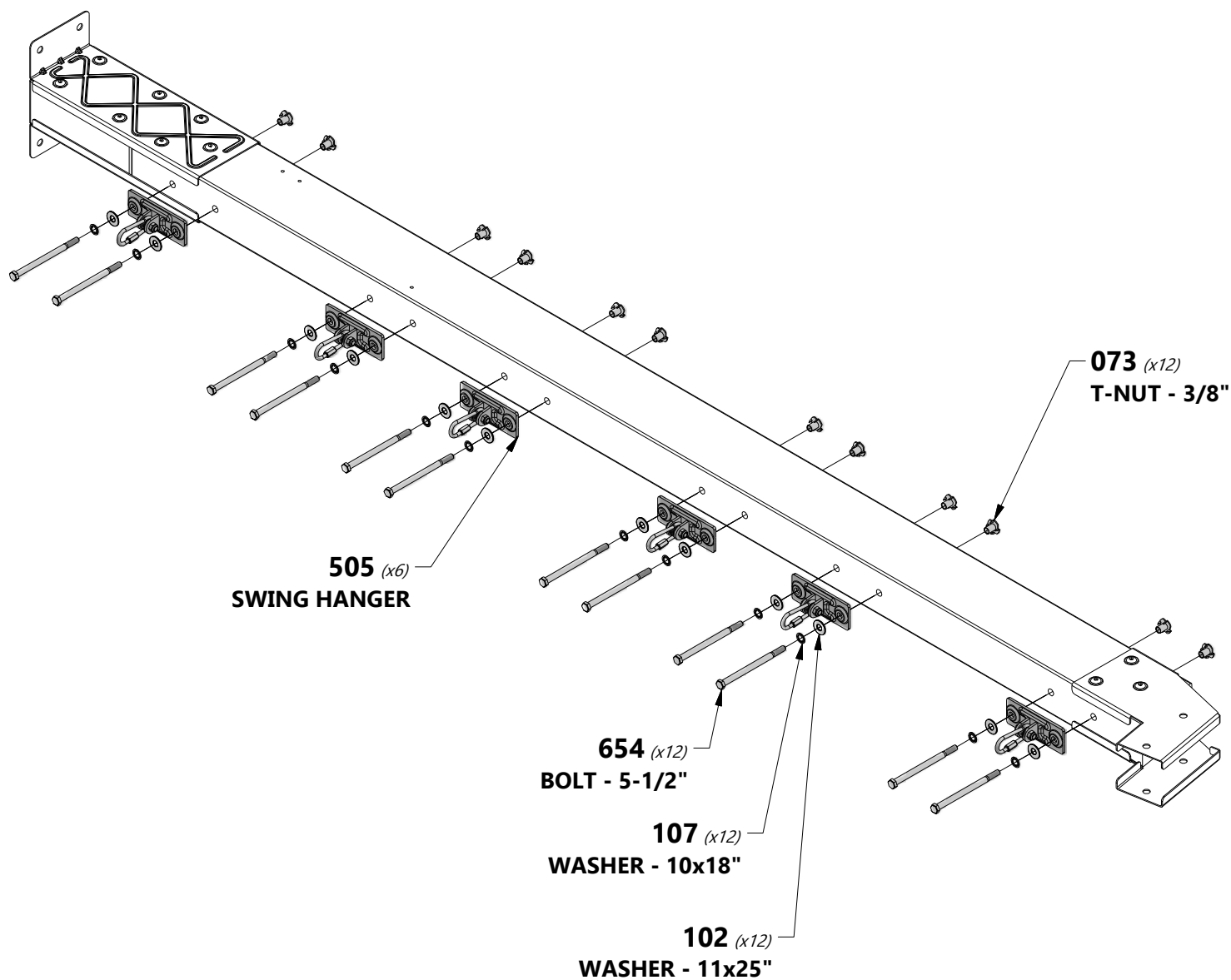
**H100102 | WASHER FLAT**  
(12) | 11x25



**H100073 | T-NUT**  
(12) | 3/8



**A4M00505 | SWING HANGER**  
(6)



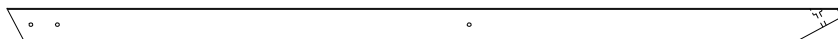


# SWING BEAM

## STEP 3



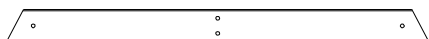
**G8** | GROUND BOARD - W4L08134  
(1) | 1"x5 1/4"x86 3/4" (24x134x2202)



**E4** | ANGLE BRACE - W4L13302  
(2) | 1 3/8"x3 3/8"x87 1/8" (36x86x2212)



**SP1** | SWING BEAM SUPPORT - W4L12791  
(1) | 3 3/8"x3 3/8"x48 3/8" (86x86x1229)



**E50** | END SUPPORT - W4L08131  
(1) | 1 3/8"x3 3/8"x44 1/8" (36x86x1120)



**H100363** | BOLT WH BLK  
(1) | 5/16x6

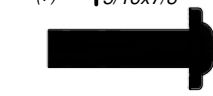


**H100415** | BOLT WH BLK  
(2) | 5/16x3 3/4

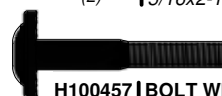
**H100192** | NUT BARREL WH BLK  
(7) | 5/16x7/8



**H100205** | BOLT WH BLK  
(2) | 5/16x2-1/4



**H100193** | NUT BARREL WH BLK  
(2) | 5/16x1-1/2



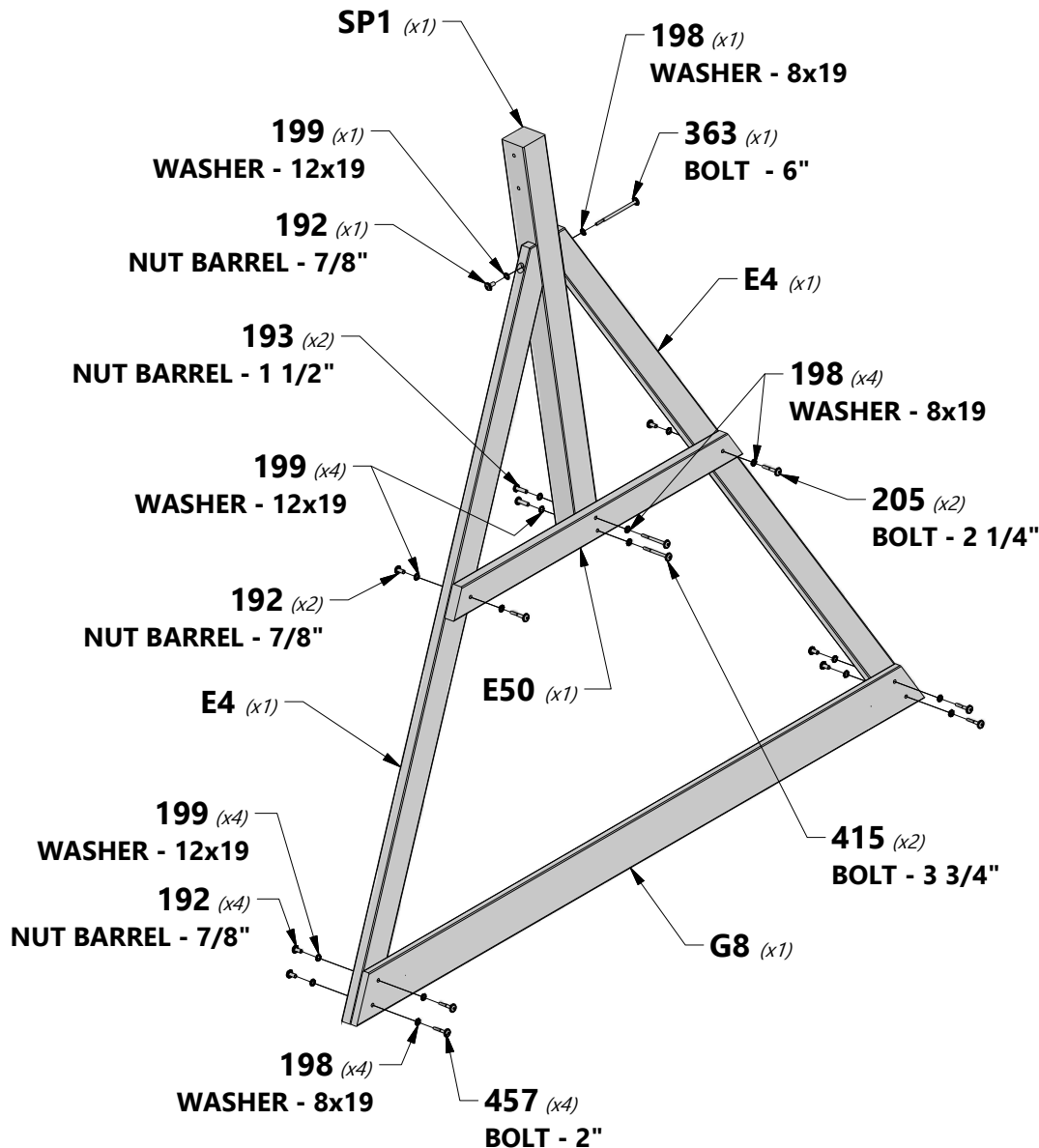
**H100457** | BOLT WH BLK  
(4) | 5/16x2



**H100198** | WASHER LOCK EXT BLK  
(9) | 8x19



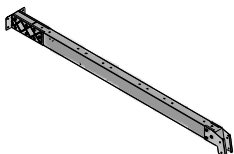
**H100199** | WASHER LOCK EXT BLK  
(9) | 12x19



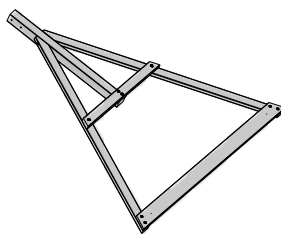


# SWING BEAM

## STEP 4



(1) BEAM ASSEMBLY



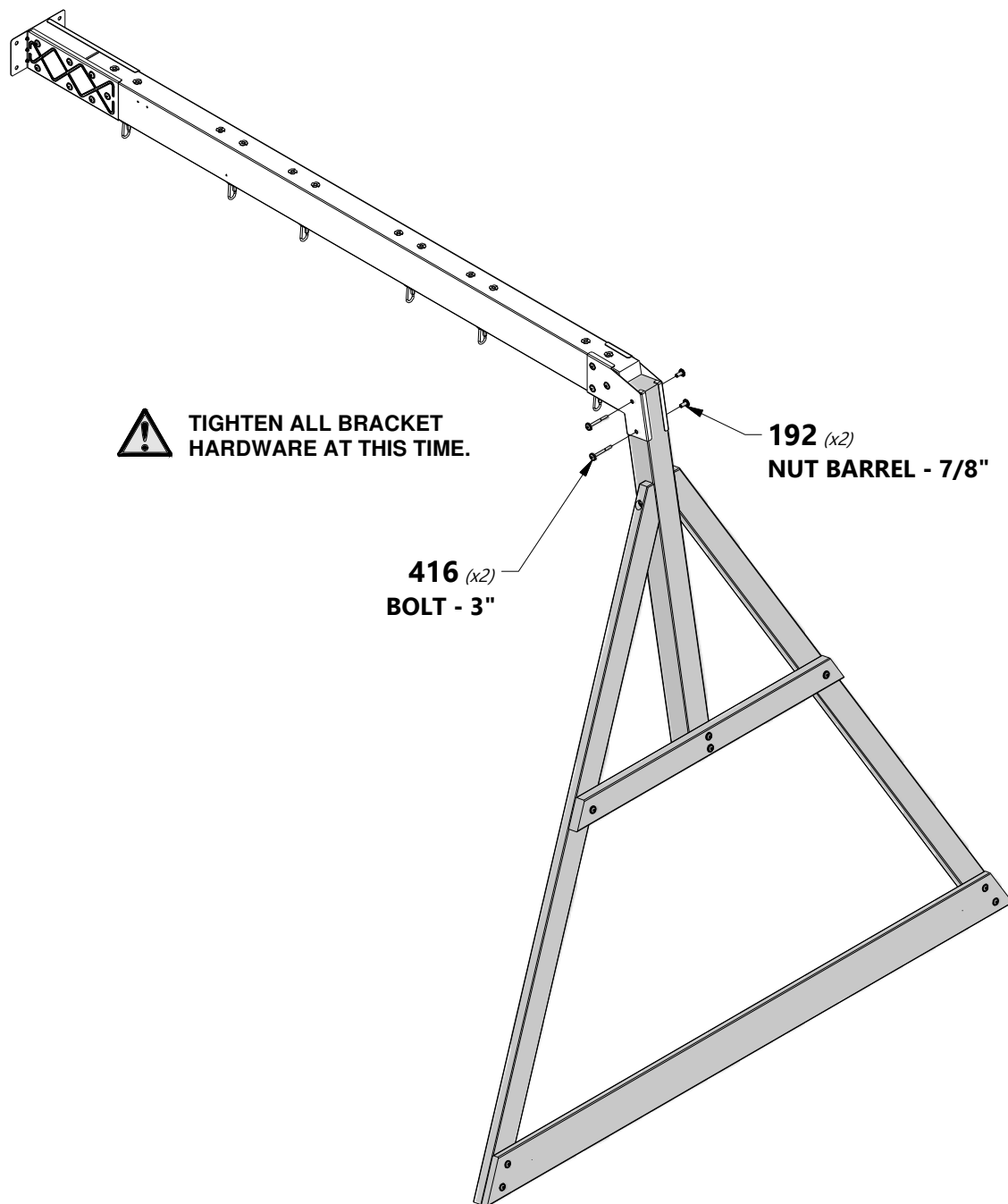
(1) END ASSEMBLY



H100416 BOLT WH BLK  
(2) 5/16x3



H100192 NUT BARREL WH BLK  
(2) 5/16x7/8



TIGHTEN ALL BRACKET  
HARDWARE AT THIS TIME.

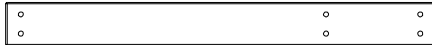
416 (x2)  
BOLT - 3"

192 (x2)  
NUT BARREL - 7/8"

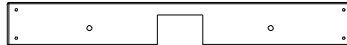


# CROWS NEST

## STEP 1



**E3** | CROWS NEST FLOOR RAIL - W4L12690  
(2) | 1 3/8"x3 3/8"x33 1/2" (36x86x852)



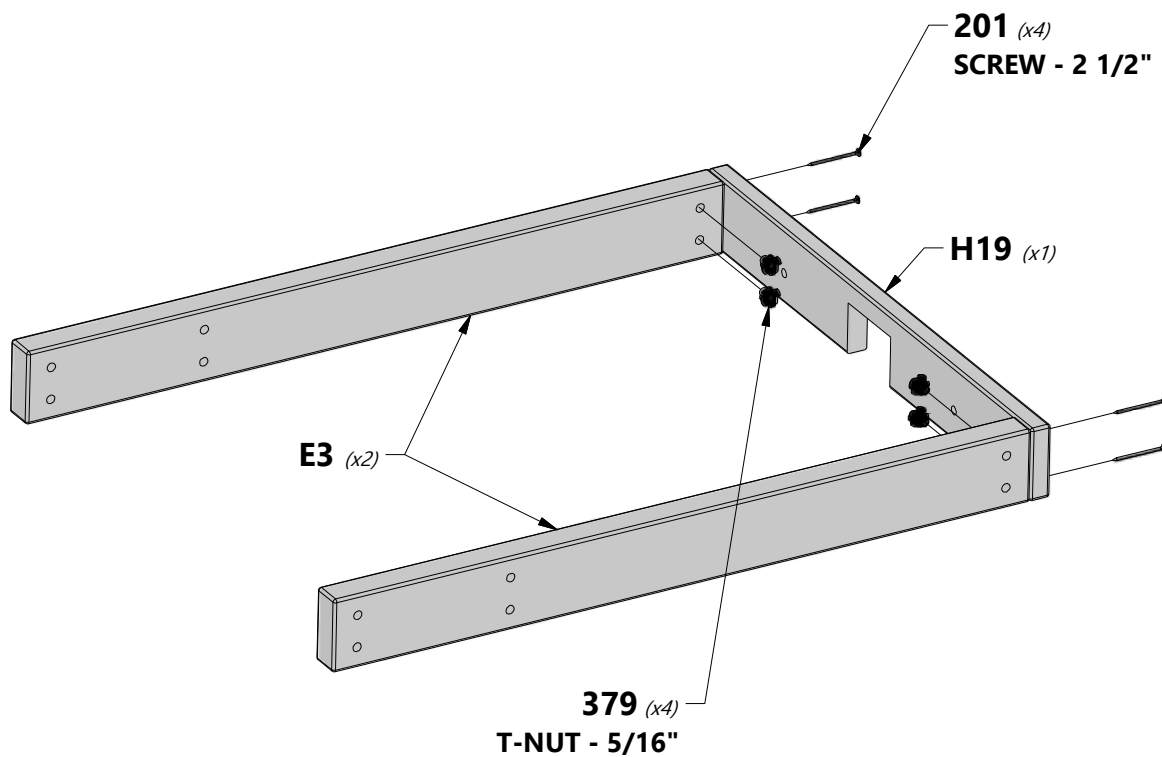
**H19** | CROWS NEST FLOOR RAIL - W4L12724  
(1) | 1"x3 3/8"x27" (24x86x686)

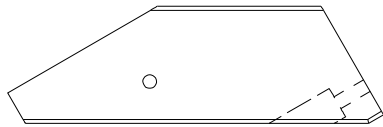


**H100201** | SCREW PFH BLK  
(4) | 8x2-1/2



**H100379** | T-NUT BLK  
(4) | 5/16





**E6** | CROWS NEST DECK BRACE - W4L12691  
(2) | 1 7/16"x3 3/8"x10 7/8" (36x86x276)



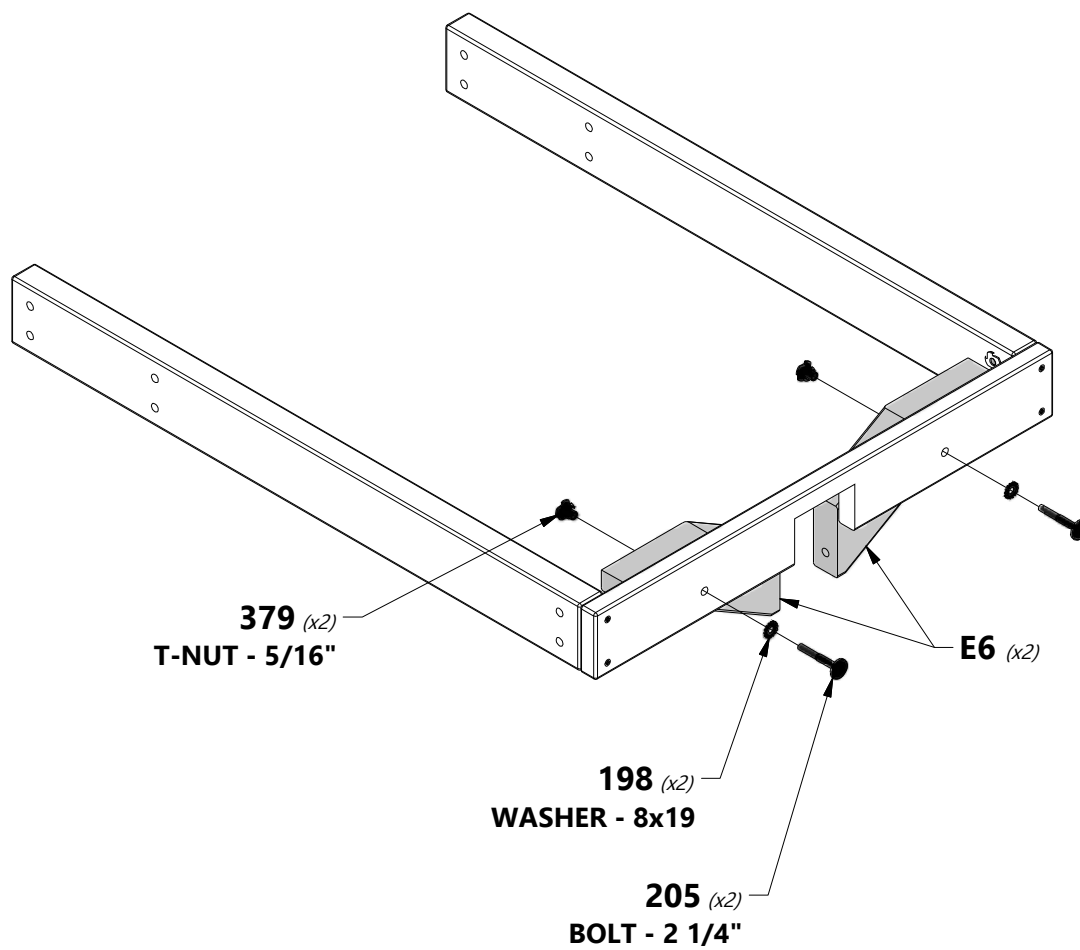
**H100205** | BOLT WH BLK  
(2) | 5/16x2-1/4



**H100379** | T-NUT BLK  
(2) | 5/16



**H100198** | WASHER LOCK EXT BLK  
(2) | 8x19







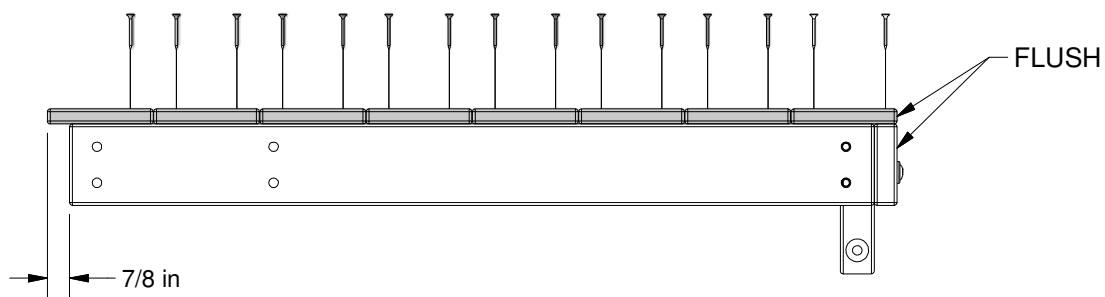
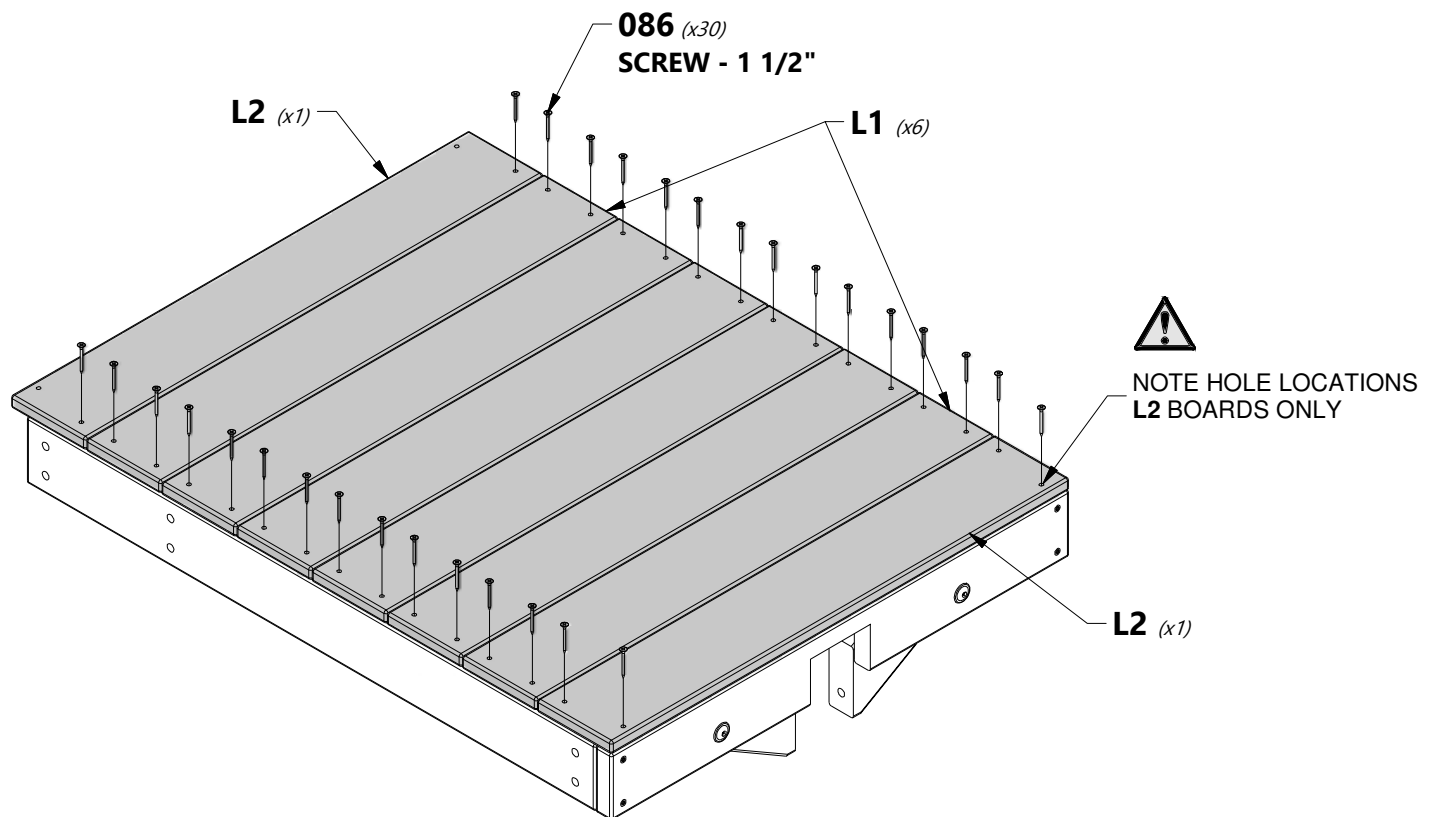
**L1 | CROWS NEST FLOOR BOARD - W4L12742**  
(6) 5/8"x4 3/8"x27" (16x112x686)



**L2 | CROWS NEST FLOOR BOARD - W4L13304**  
(2) 5/8"x4 3/8"x27" (16x112x686)



**H100086 | SCREW PFH**  
(30) 8x1 1/2

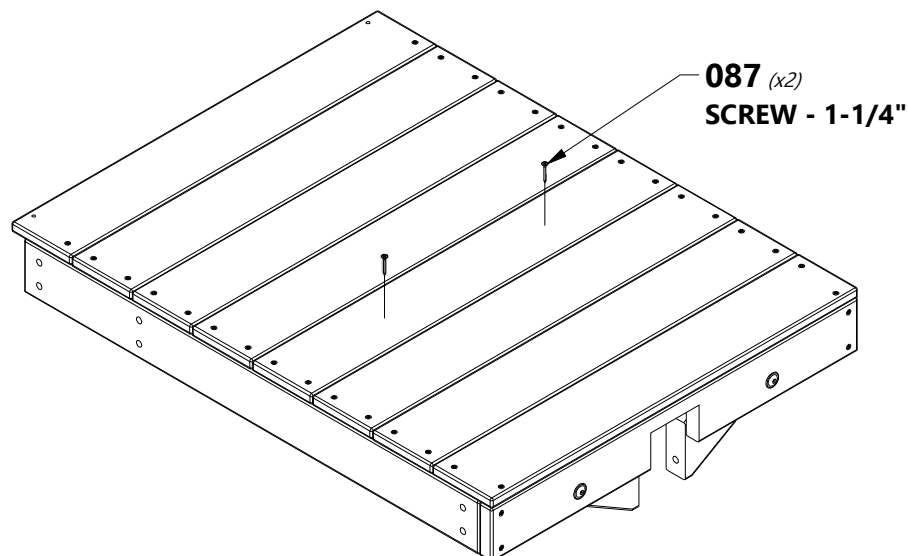




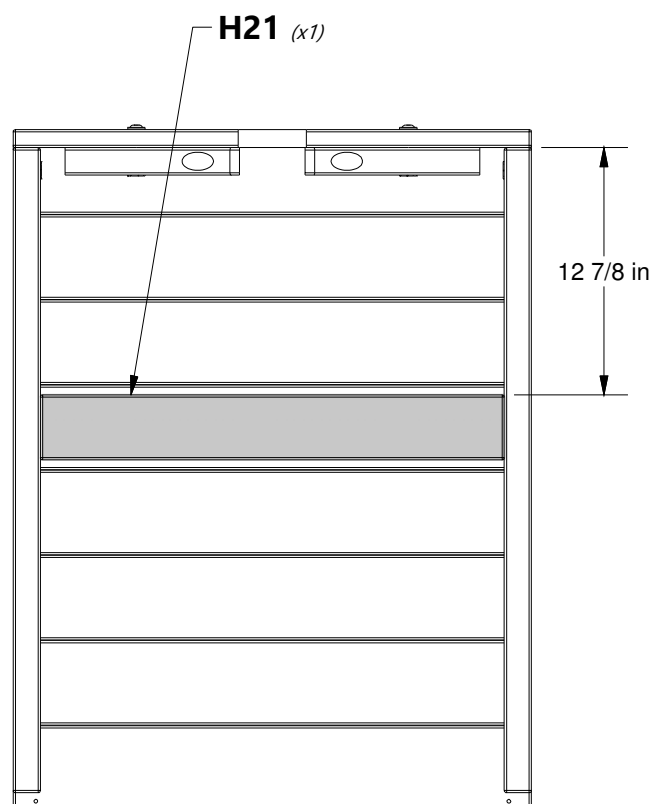
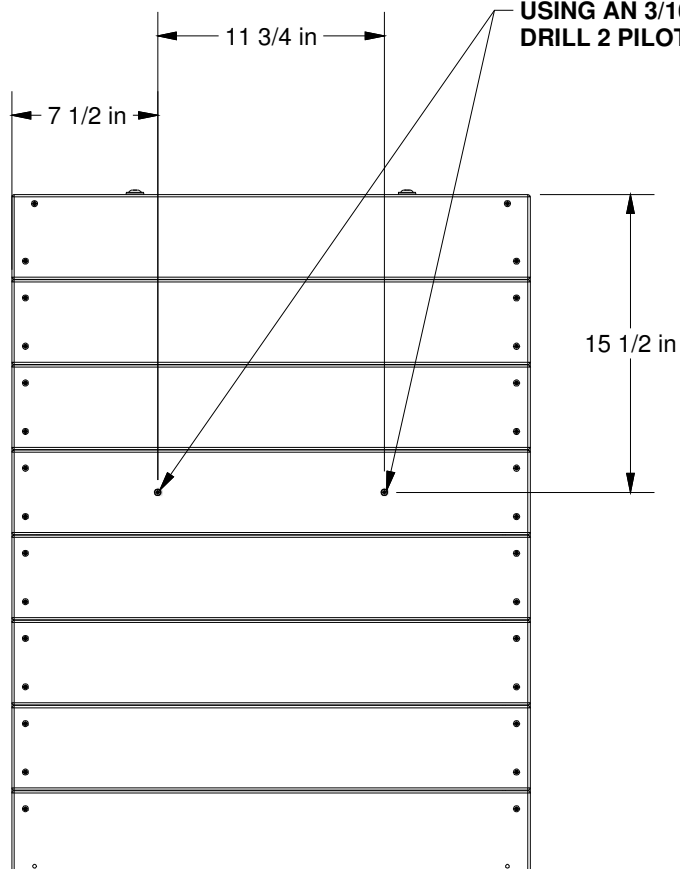
**H21 | CROWS NEST FLOOR SUPPORT - W4L12726**  
(1) 1"x3 3/8"x24 1/8" (24x86x614)



**H100087 | SCREW PFH**  
(2) 8x1 1/4



**MARK LOCATIONS SHOWN.  
USING AN 3/16" DRILL BIT  
DRILL 2 PILOT HOLES.**



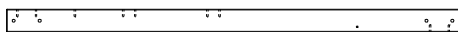




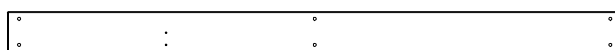
**B2** | TOWER LEG - W4L12681  
(1) 3"x3"x89 1/2" (76x76x2274)



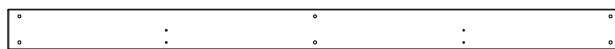
**E2** | TOWER LEG - W4L12689  
(1) 1 3/8"x3 3/8"x59" (36x86x1500)



**B4** | TOWER LEG - W4L12683  
(1) 3"x3"x59" (76x76x1500)



**G7** | BOTTOM FLOOR RAIL - W4L12704  
(1) 1"x5 1/4"x80" (24x134x2032)



**G2** | TOP FLOOR RAIL - W4L12699  
(1) 1"x5 1/4"x80" (24x134x2032)



**H100415** | BOLT WH BLK  
(8) 5/16x3 3/4



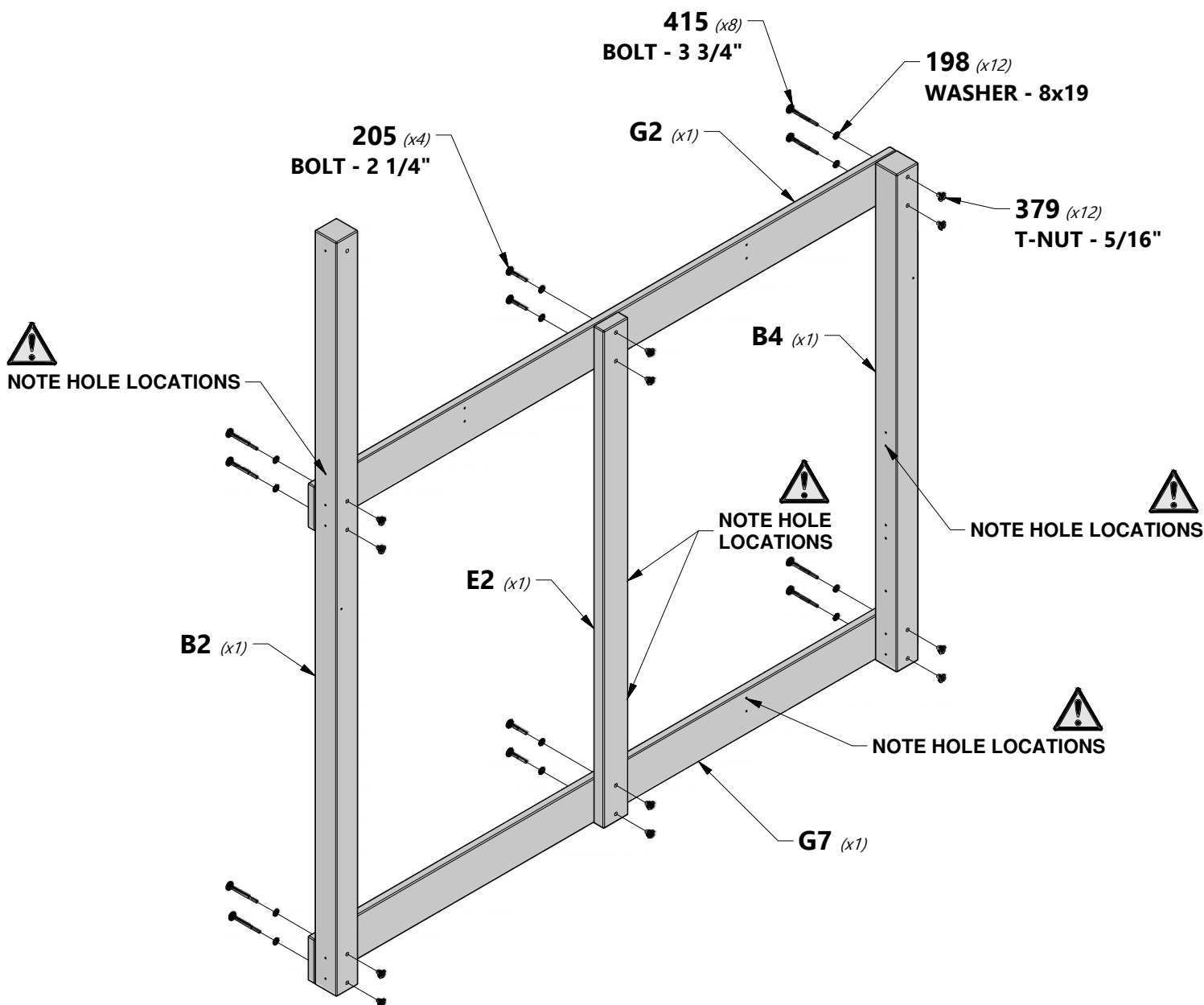
**H100205** | BOLT WH BLK  
(4) 5/16x2-1/4



**H100198** | WASHER LOCK  
(12) EXT BLK  
8x19



**H100379** | T-NUT BLK  
(12) 5/16





**H28** | FRONT WALL RAIL - W4L12731  
(1) 1"x3 3/8"x60 1/2" (24x86x1537)



**G6** | FLOOR RAIL - W4L12703  
(1) 1"x5 1/4"x60 1/2" (24x134x1537)



**G3** | FLOOR RAIL - W4L12700  
(1) 1"x5 1/4"x60 1/2" (24x134x1537)



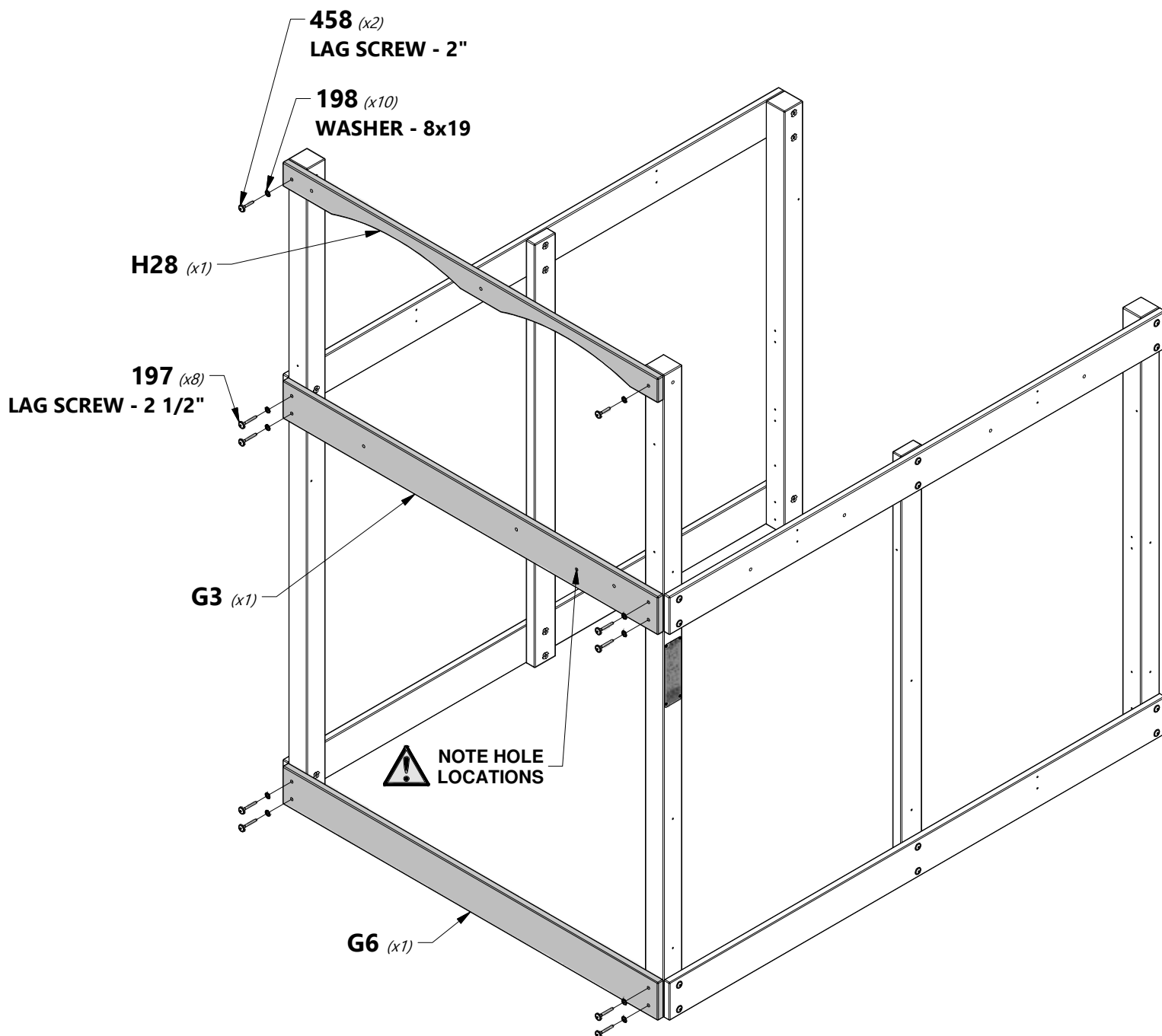
**H100197** | LAG SCREW WH BLK  
(8) 5/16x2 1/2



**H100458** | LAG SCREW WH BLK  
(2) 5/16x2



**H100198** | WASHER LOCK  
(10) EXT BLK  
8x19





# FORT ASSEMBLY

## STEP 4



**G4** FLOOR RAIL - W4L12701  
(1) 1"x5 1/4"x60 1/2" (24x134x1537)



**K2** FLOOR RAIL - W4L12738  
(1) 5/8"x5 1/4"x60 1/2" (16x134x1537)



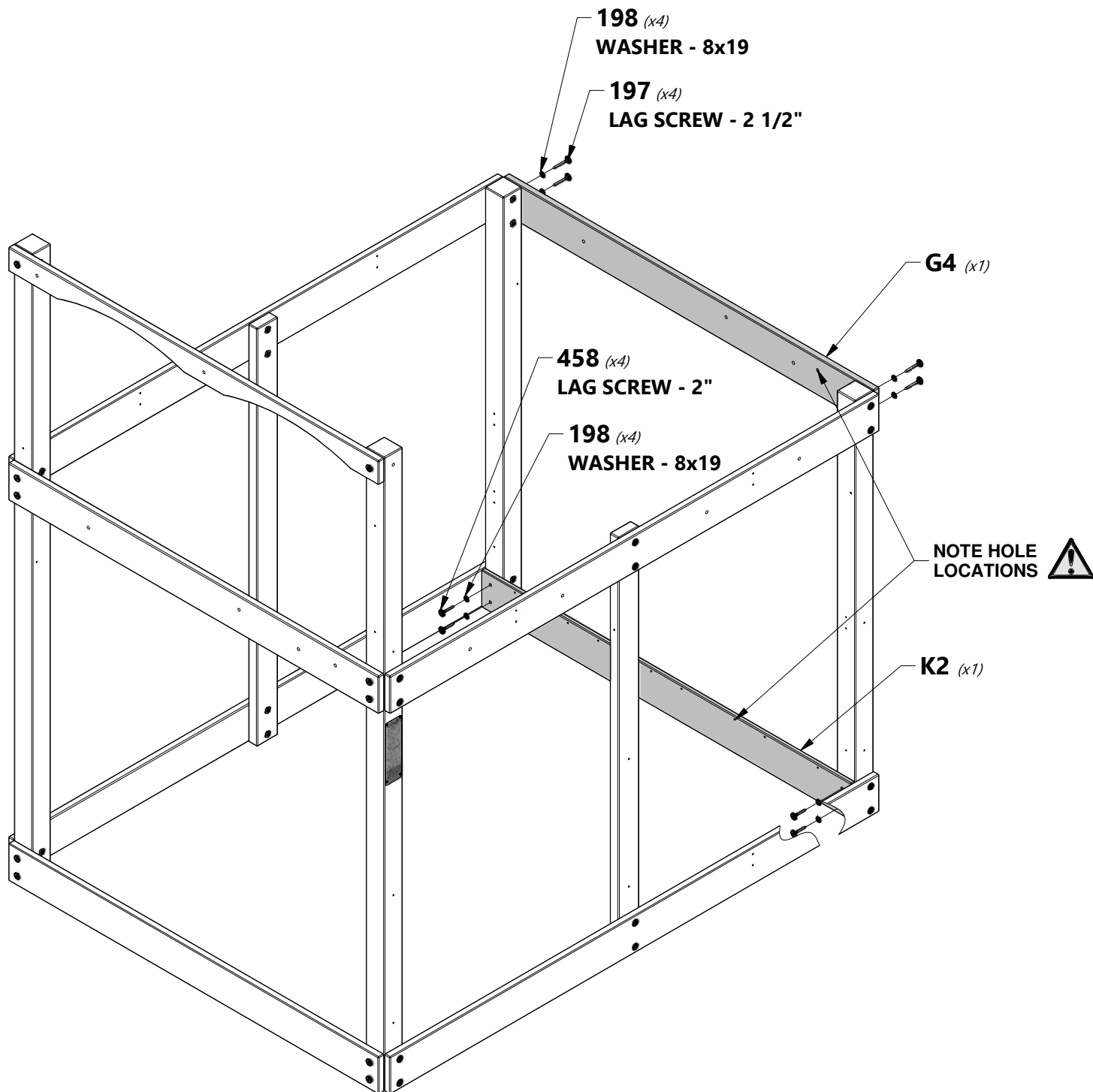
**H100197** LAG SCREW WH BLK  
(4) 5/16x2 1/2



**H100198** WASHER LOCK  
(8) EXT BLK  
8x19



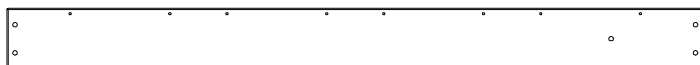
**H100458** LAG SCREW WH BLK  
(4) 5/16x2





# FORT ASSEMBLY

## STEP 5



**K3** | FLOOR RAIL - W4L12739  
(1) | 5/8"x5 1/4"x60 1/2" (16x134x1537)



**H26** | FLOOR JOIST - W4L12729  
(1) | 1"x3 3/8"x60 1/2" (24x86x1537)



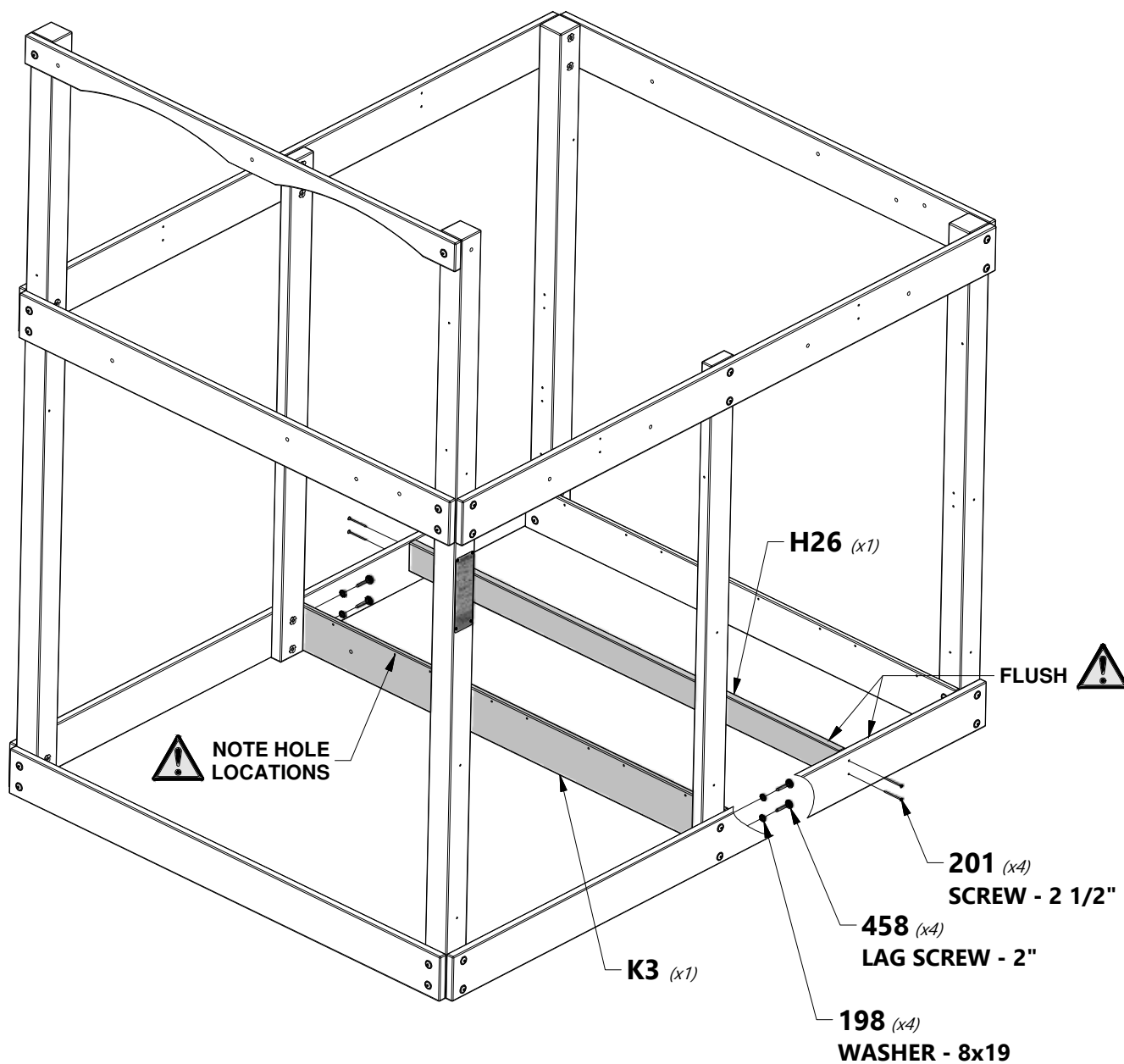
**H100458** | LAG SCREW WH BLK  
(4) | 5/16x2



**H100198** | WASHER LOCK  
(4) | EXT BLK  
8x19



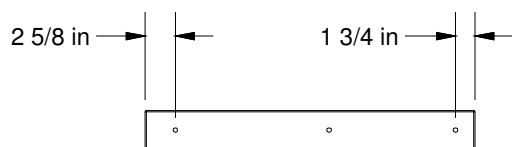
**H100201** | SCREW PFH BLK  
(4) | 8x2-1/2





# FORT ASSEMBLY

## STEP 6



**H27** | PICNIC TABLE SUPPORT - W4L12730  
(1) | 1"x3 3/8"x28 5/8" (24x86x728)



**H100407** | BOLT WH BLK  
(1) | 5/16x1 1/2



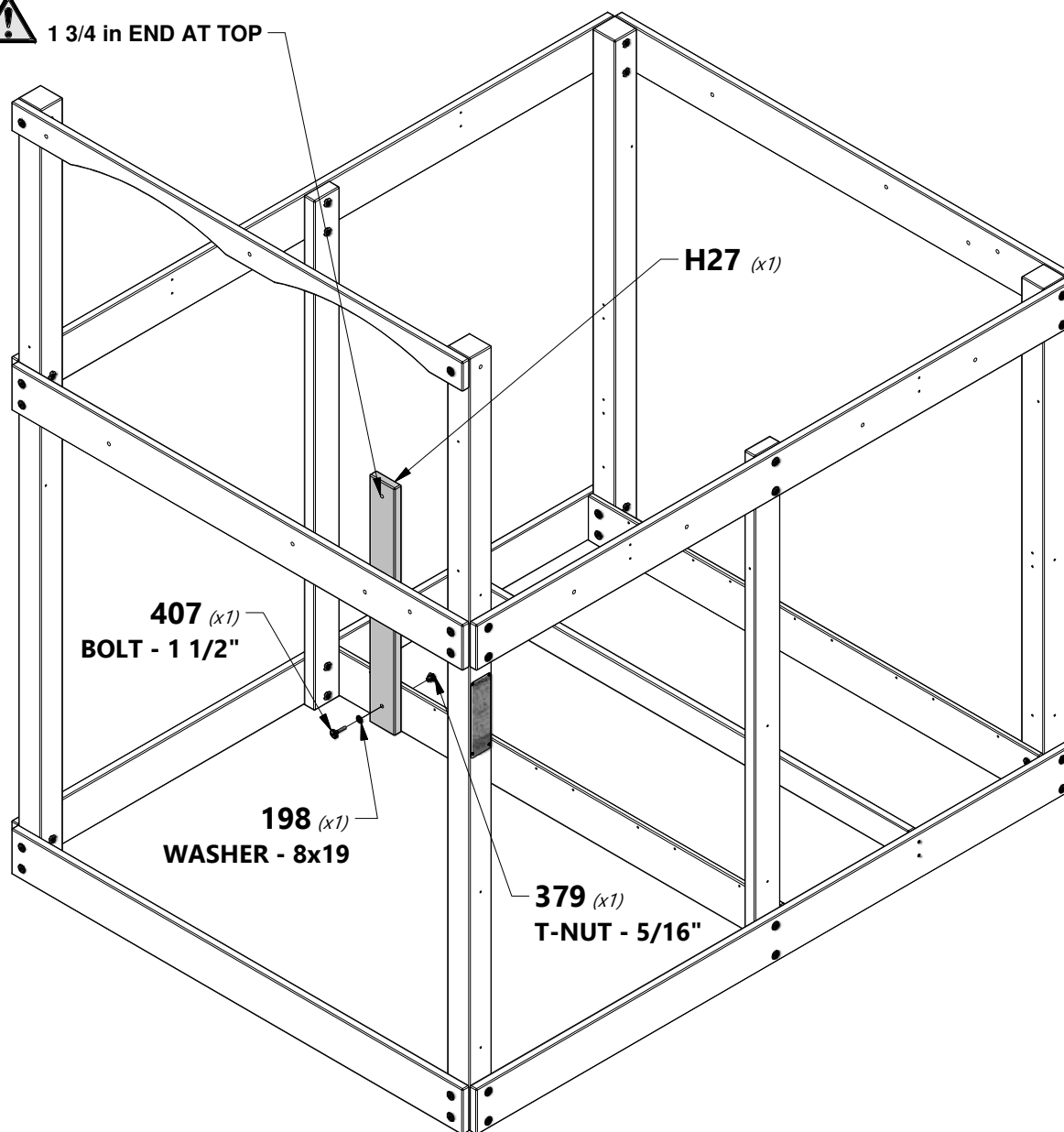
**H100198** | WASHER LOCK  
(1) | EXT BLK  
8x19



**H100379** | T-NUT BLK  
(1) | 5/16



1 3/4 in END AT TOP





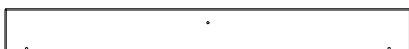


# FORT ASSEMBLY

## STEP 7



**FP1** | BOTTOM FLOOR PANEL - W2A02648  
(4) | 1 5/8"x13 1/2"x35 3/8" (40x344x897)



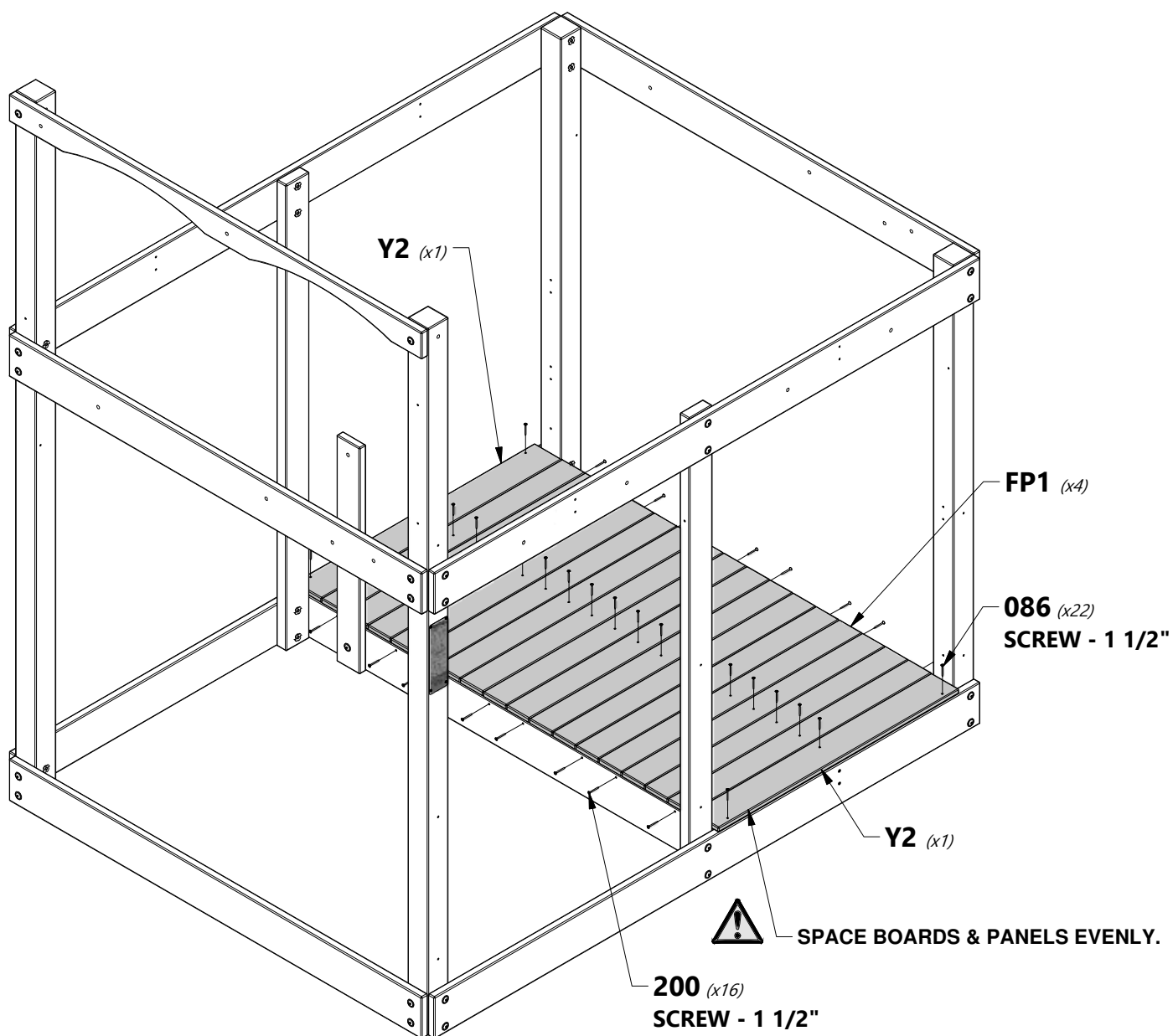
**Y2** | BOTTOM FLOOR BOARD - W4L12786  
(2) | 5/8"x4"x35 1/4" (16x102x895)



**H100086** | SCREW PFH  
(22) | 8x1 1/2"



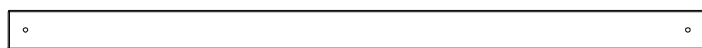
**H100200** | SCREW PFH BLK  
(16) | 8x1 1/2"





# FORT ASSEMBLY

## STEP 8



**M3 | BOTTOM WALL RAIL - W4L12745**  
(1) | 5/8"x3 3/8"x60 1/2" (16x86x1537)



**H3 | PICNIC TABLE RAIL - W4L12708**  
(1) | 1"x3 3/8"x67 1/4" (24x86x1708)



**H100197 | LAG SCREW WH BLK**  
(4) | 5/16x2 1/2



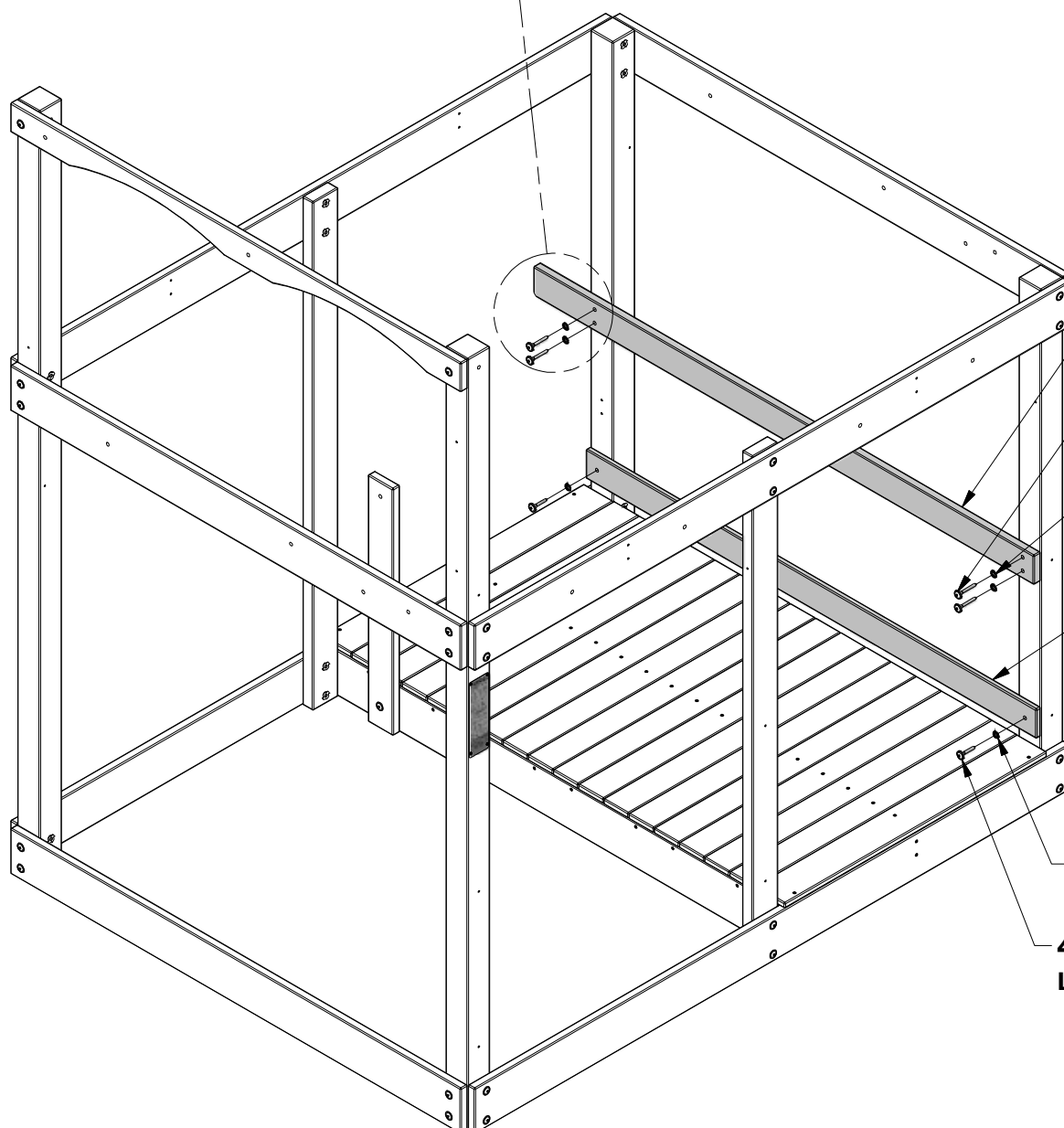
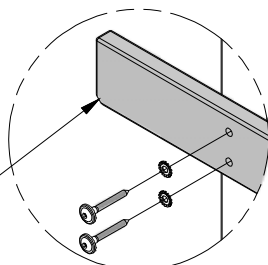
**H100198 | WASHER LOCK**  
(6) | EXT BLK  
8x19



**H100458 | LAG SCREW WH BLK**  
(2) | 5/16x2



**NOTE ANGLE CUT  
FACES DOWNWARD**



**H3 (x1)**

**197 (x4)  
LAG SCREW - 2 1/2"**

**198 (x4)  
WASHER - 8x19**

**M3 (x1)**

**198 (x2)  
WASHER - 8x19**

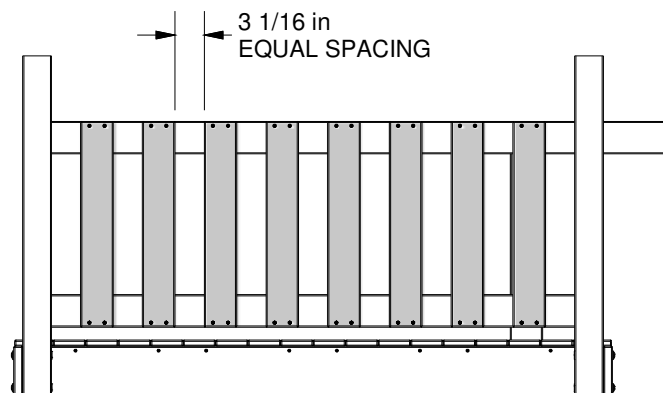
**458 (x2)  
LAG SCREW - 2"**



**M27** | BOTTOM WALL BOARD - W4L12766  
(8) | 5/8"x3 3/8"x21 3/8" (16x86x544)



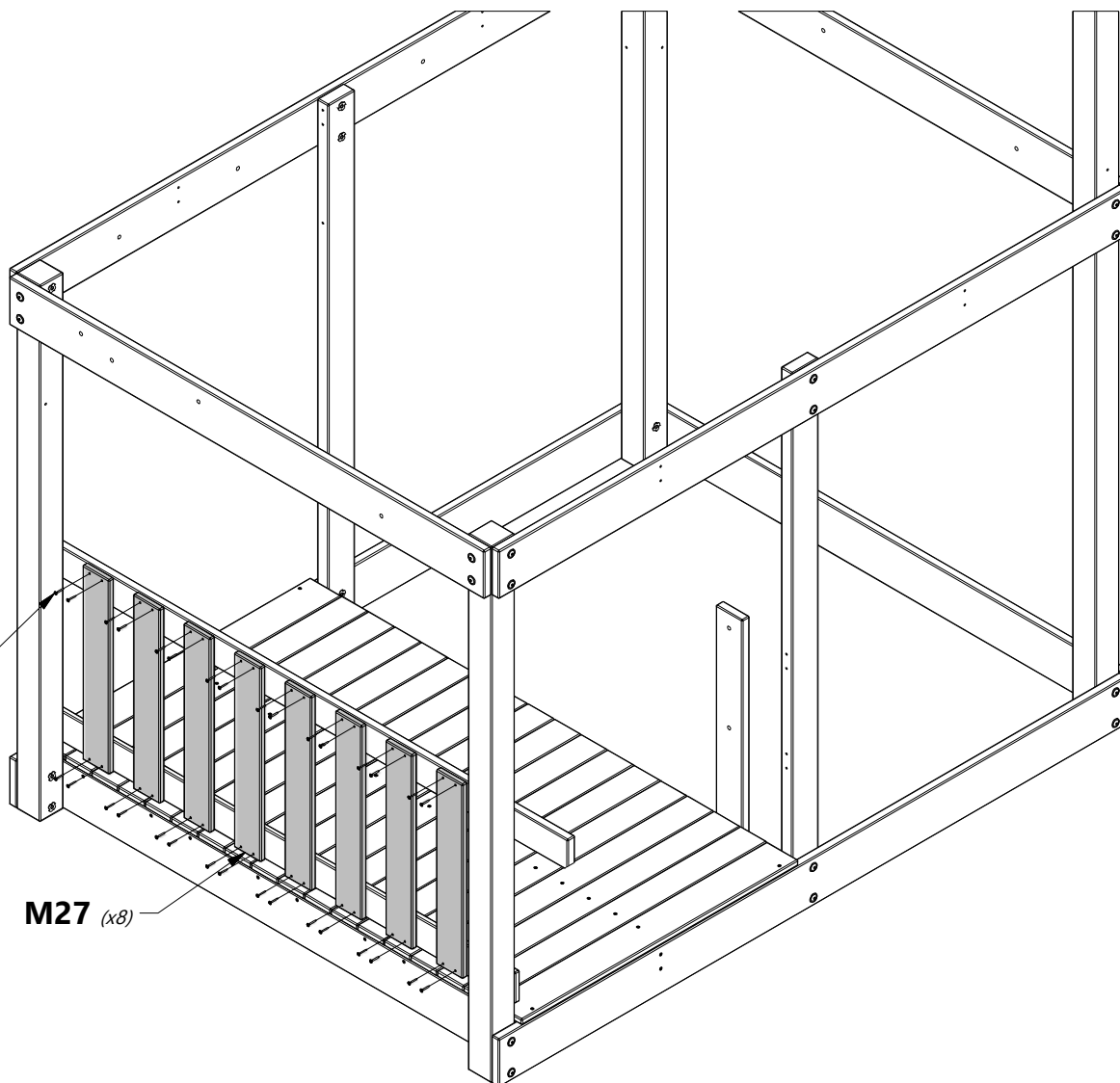
**H100088** | SCREW PFH  
(32) | 8x1 1/8

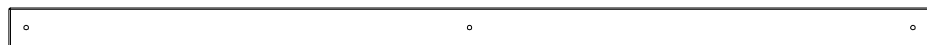


**NOTE:**  
SPACING NOT LESS THAN 3 1/16 in,  
& NO MORE THAN 3 1/4 in.

**088** (x32)  
SCREW - 1 1/8"

**M27** (x8)





**M2** | BOTTOM WALL RAIL - W4L12744  
(2) | 5/8"x3 3/8"x80" (16x86x2032)



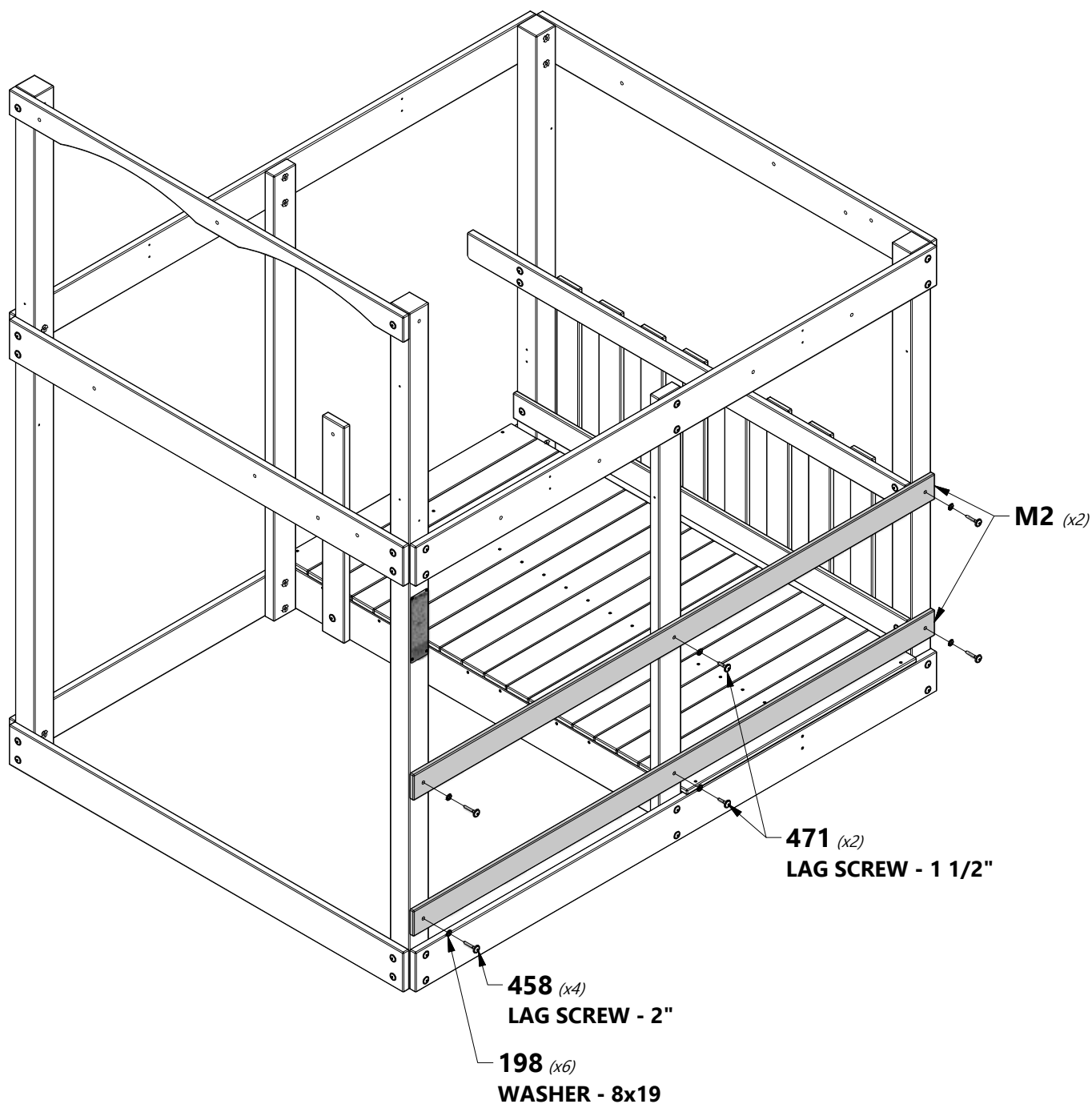
**H100458** | LAG SCREW WH BLK  
(4) | 5/16x2



**H100198** | WASHER LOCK  
(6) | EXT BLK  
8x19



**H100471** | LAG SCREW WH BLK  
(2) | 5/16x1 1/2

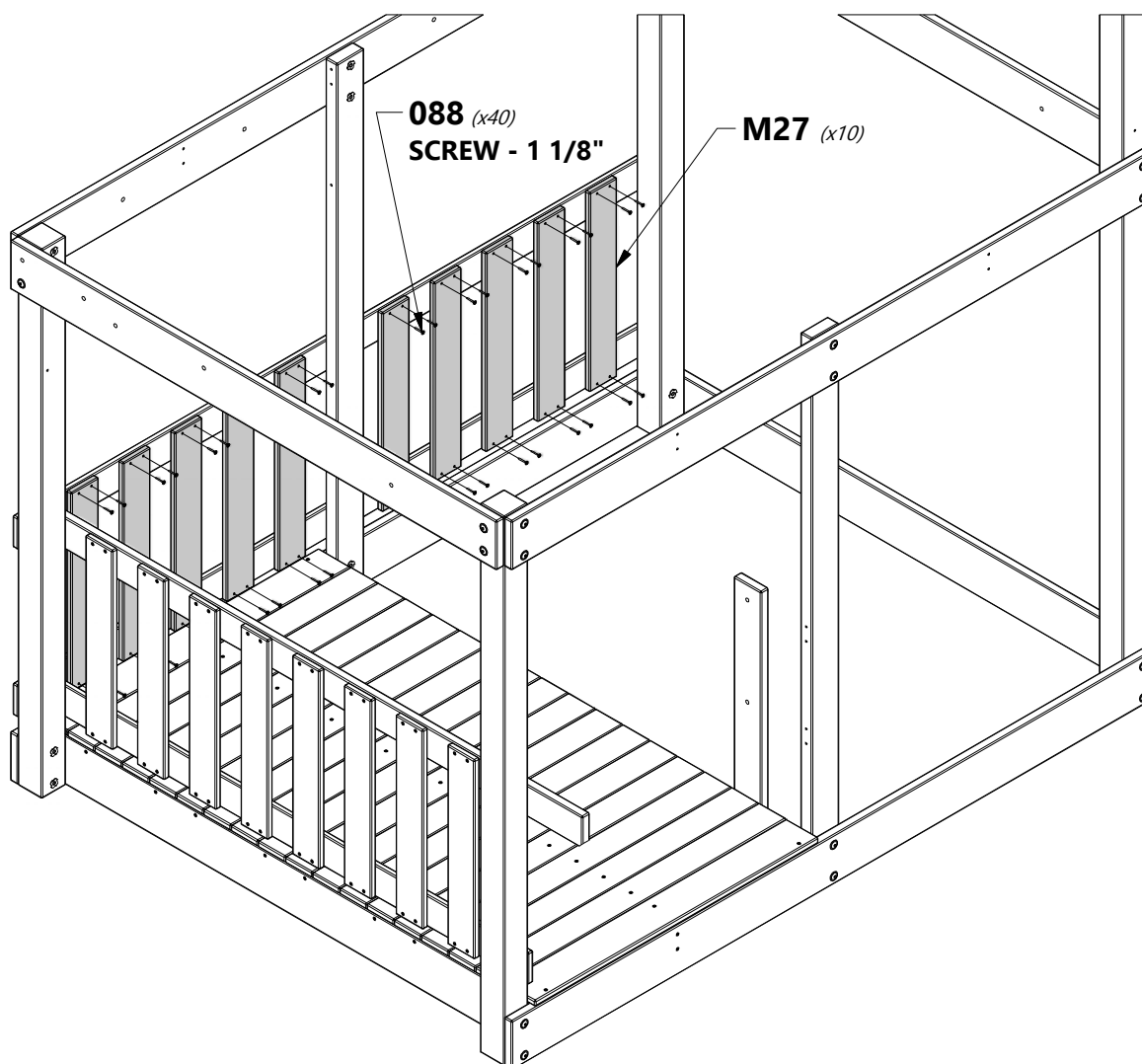
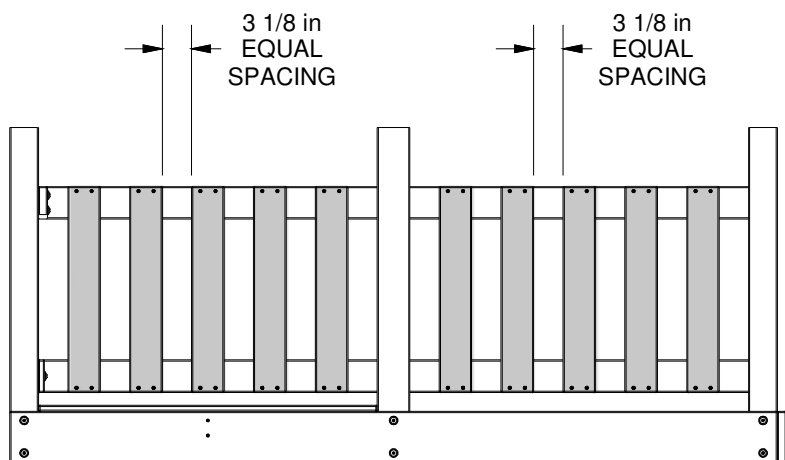




**M27** | **BOTTOM WALL BOARD - W4L12766**  
(10) 5/8"x3 3/8"x21 3/8" (16x86x544)



**H100088** | **SCREW PFH**  
(40) 8x1 1/8





**H16** | PICNIC TABLE SEAT RAIL - W4L12721  
(1) | 1"x3 3/8"x17 1/2" (24x86x444)



**H100197** | LAG SCREW WH BLK  
(2) | 5/16x2 1/2



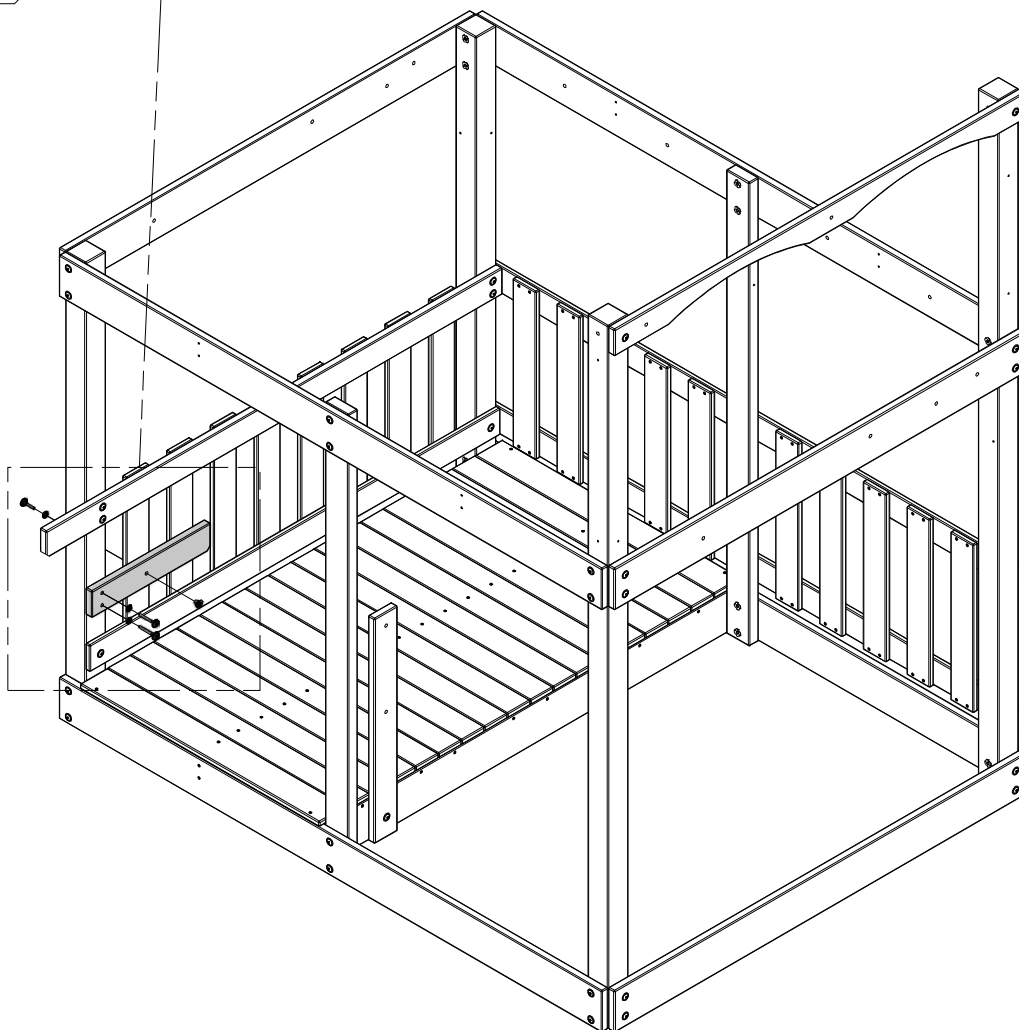
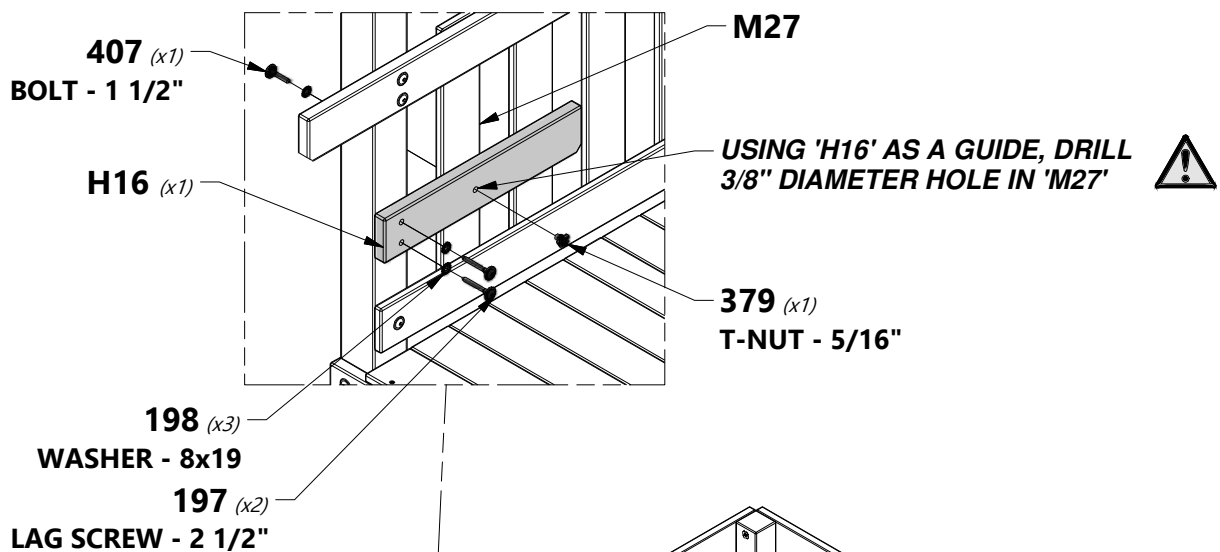
**H100407** | BOLT WH BLK  
(1) | 5/16x1 1/2

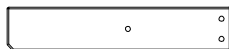


**H100198** | WASHER LOCK  
(3) | EXT BLK  
8x19



**H100379** | T-NUT BLK  
(1) | 5/16





**H17** | PICNIC TABLE SEAT RAIL - W4L12722  
(1) | 1"x3 3/8"x17 1/2" (24x86x444)



**H100197** | LAG SCREW WH BLK  
(2) | 5/16x2 1/2



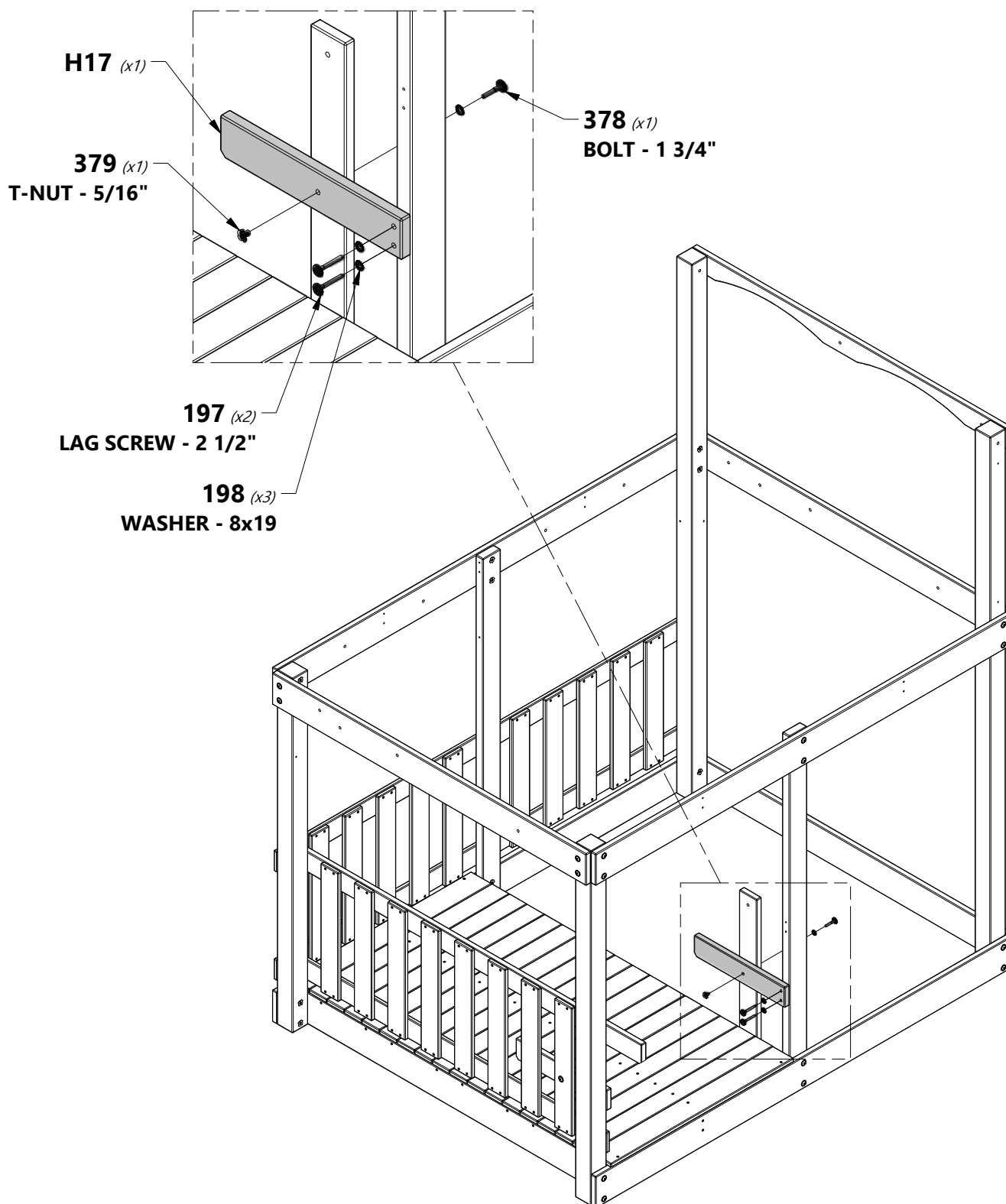
**H100378** | BOLT WH BLK  
(1) | 5/16x1 3/4



**H100198** | WASHER LOCK  
(3) | EXT BLK  
8x19



**H100379** | T-NUT BLK  
(1) | 5/16

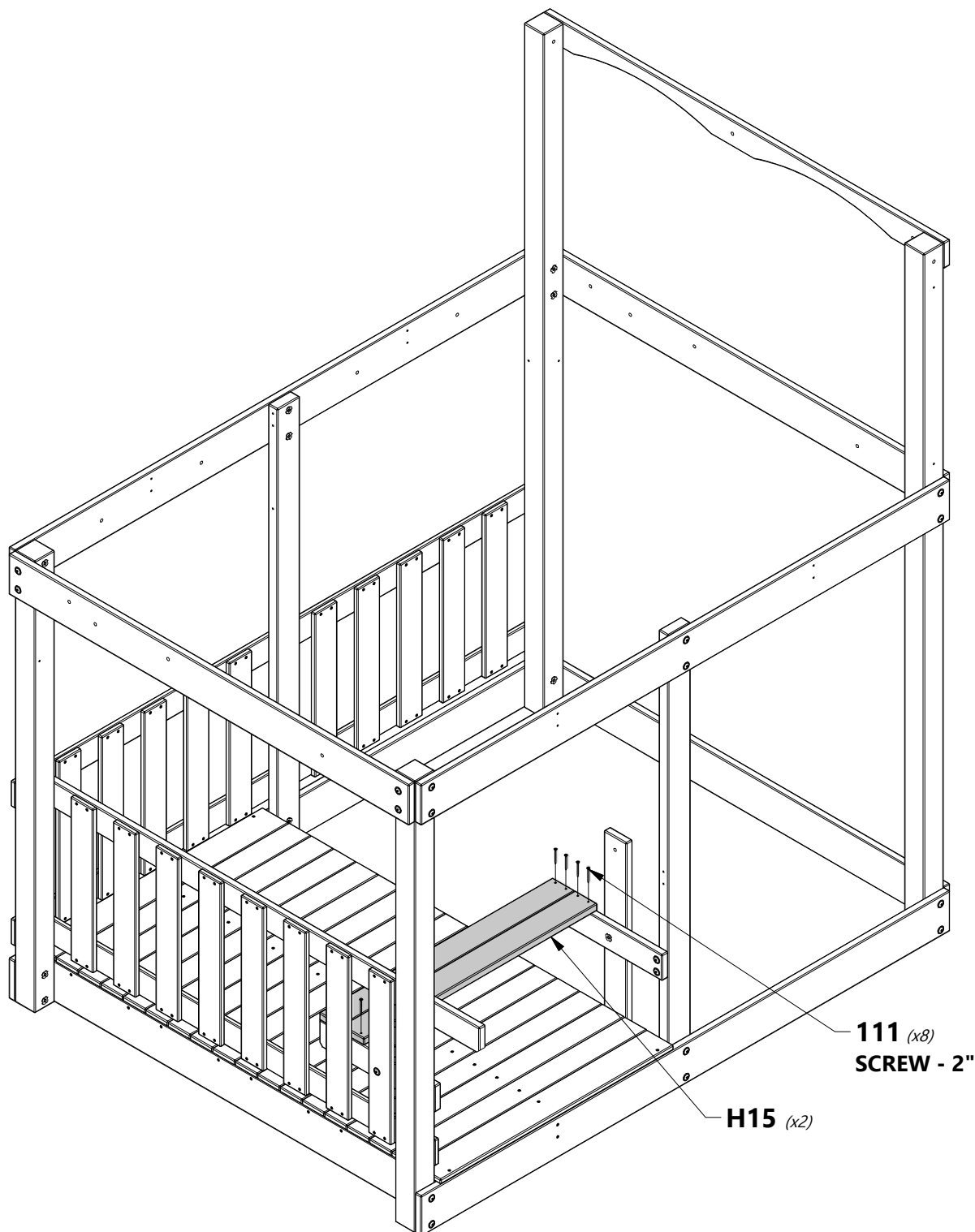




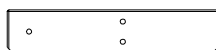
**H15 | PICNIC TABLE SEAT - W4L12720**  
(2) | 1"x3 3/8"x35 3/8" (24x86x897)



**H100111 | SCREW PFH**  
(8) | 8x2







**H24** | PICNIC TABLE TOP SUPPORT - W4L12727  
(1) | 1"x3 3/8"x16 1/2" (24x86x418)



**H100378** | BOLT WH BLK  
(1) | 5/16x1 3/4



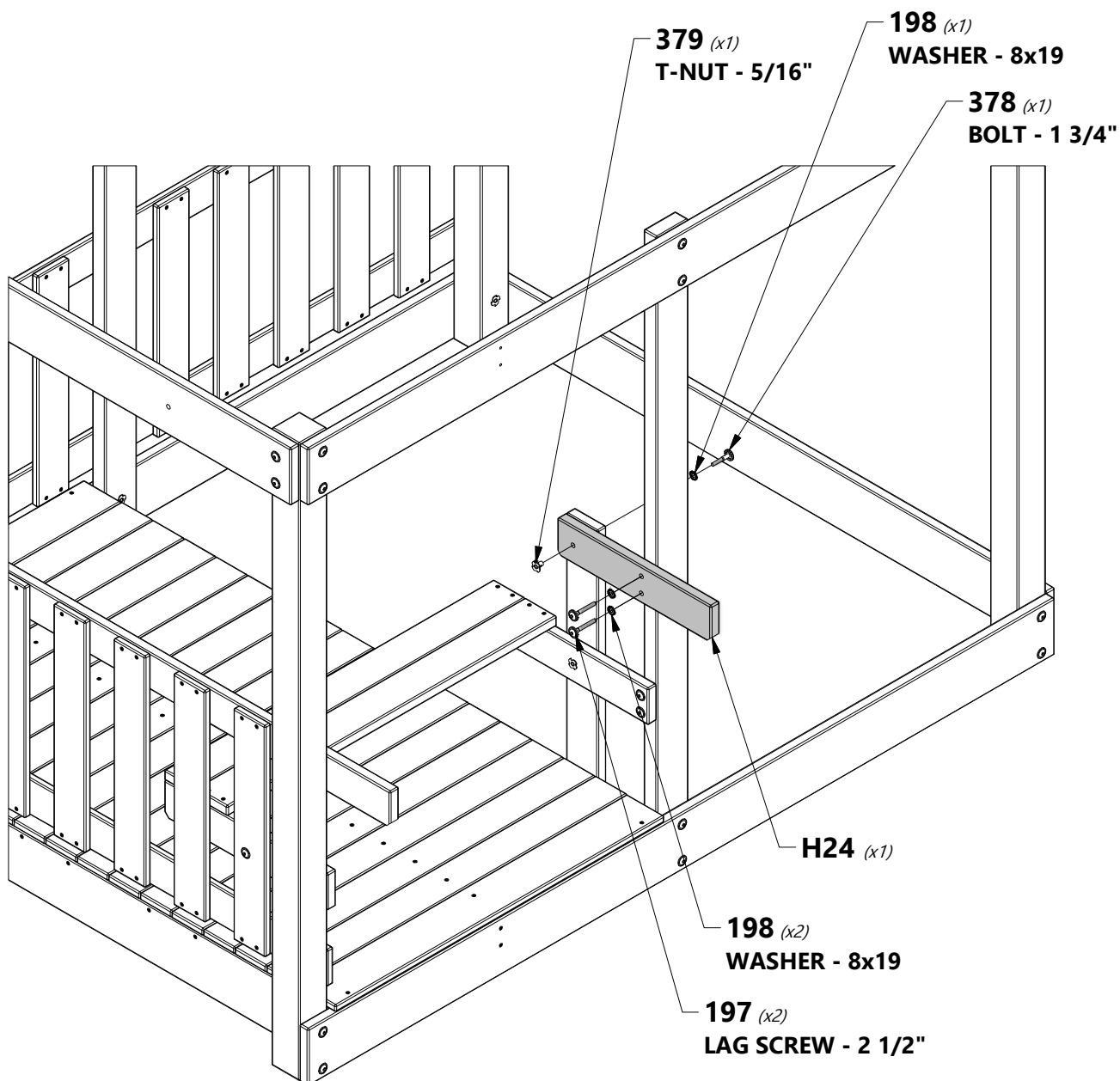
**H100197** | LAG SCREW WH BLK  
(2) | 5/16x2 1/2

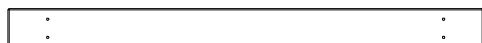


**H100198** | WASHER LOCK  
(3) | EXT BLK  
8x19



**H100379** | T-NUT BLK  
(1) | 5/16





**M13** | PICNIC TABLE TOP - W4L12755  
(3) | 5/8"x3 3/8"x41 1/4" (16x86x1049)



**M10** | PICNIC TABLE TOP - W4L12793  
(1) | 5/8"x3 3/8"x41 1/4" (16x86x1049)



**M16** | CENTER PICNIC TABLE TOP - W4L12757  
(1) | 5/8"x3"x38 1/4" (16x76x973)



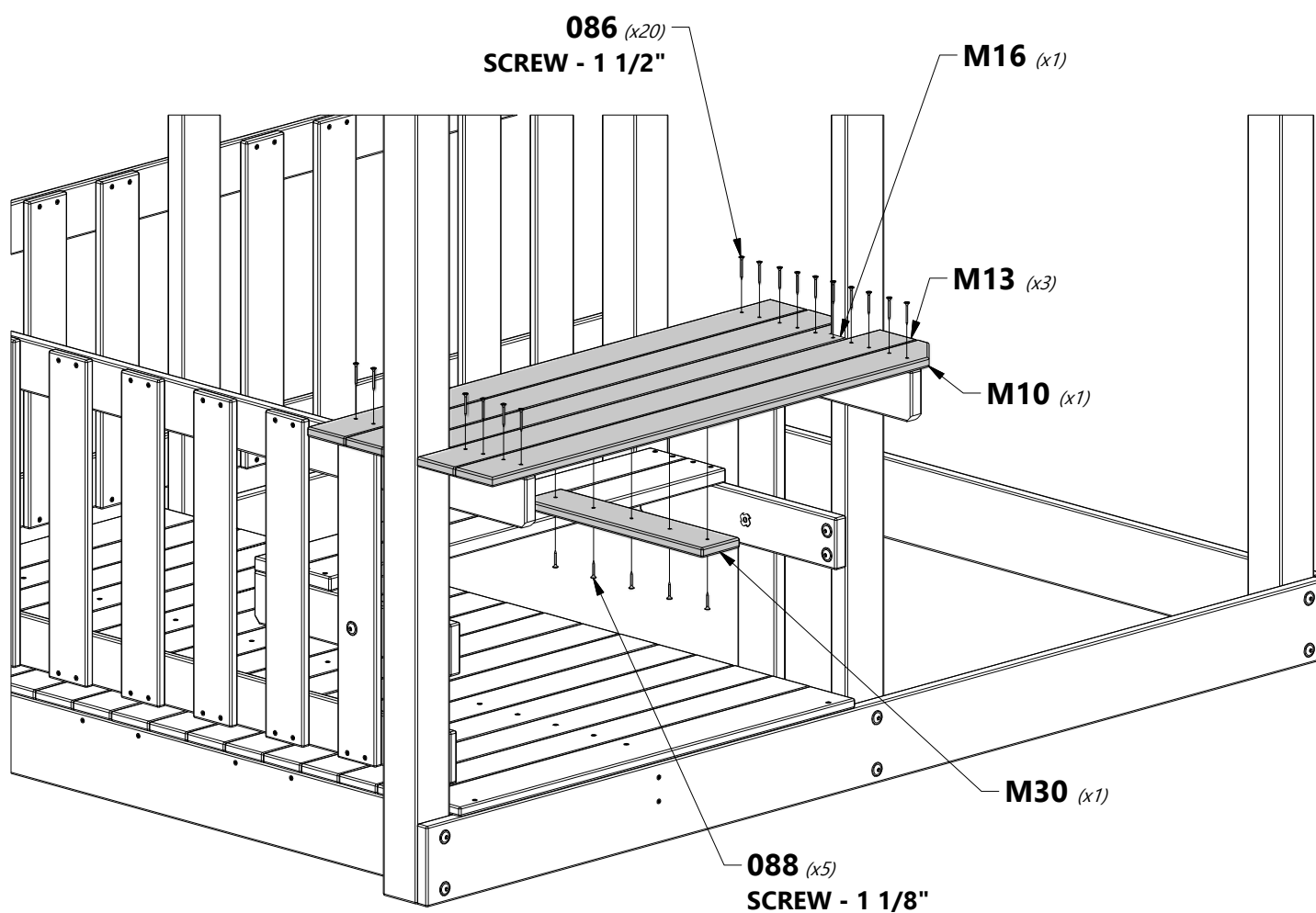
**M30** | PICNIC TABLE TOP CLEAT - W4L12767  
(1) | 5/8"x3 3/8"x16" (16x86x406)



**H100086** | SCREW PFH  
(20) | 8x1 1/2



**H100088** | SCREW PFH  
(5) | 8x1 1/8

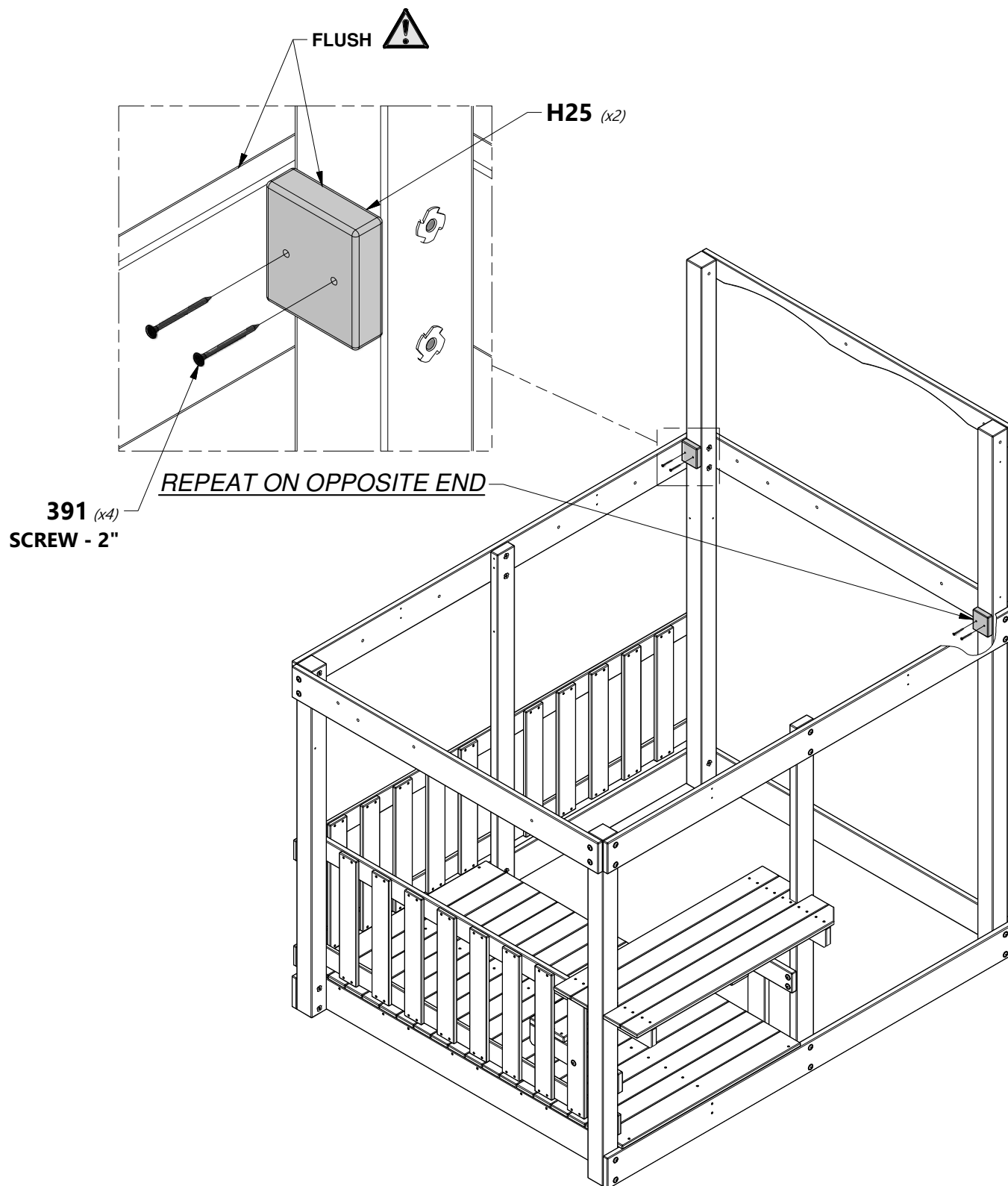


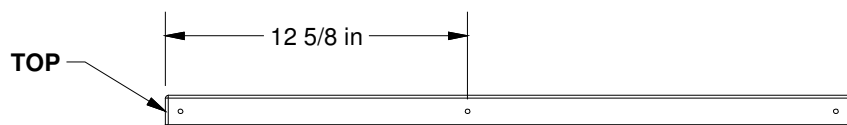


**H25** | TOP FLOOR SUPPORT - W4L12728  
(2) 1"x3 3/8"x3" (24x86x76)



**H100391** | SCREW PFH BLK  
(4) 8x2

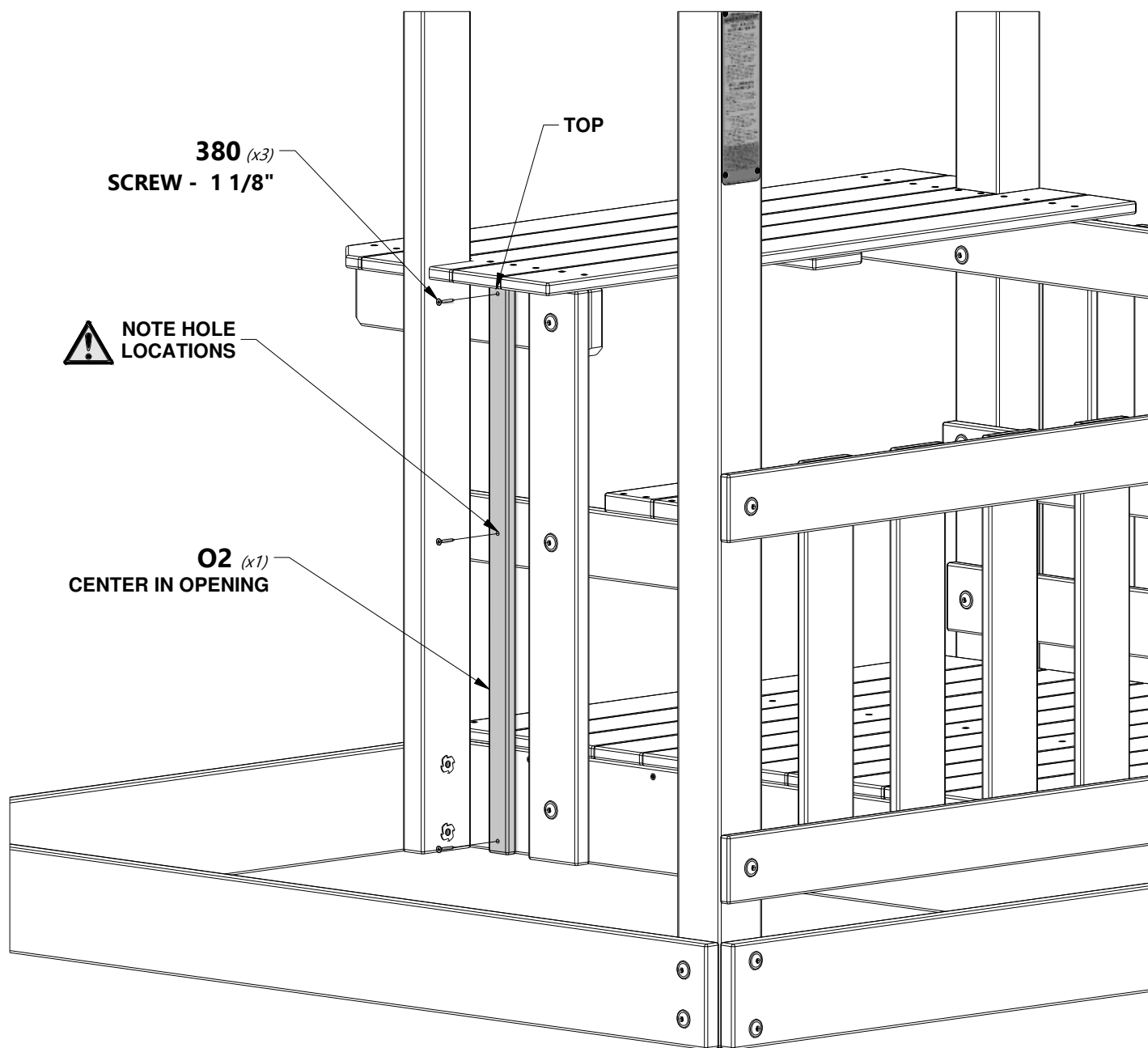




**O2** | SAFETY BOARD - W4L12784  
(1) 5/8"x1 3/8"x28 5/8" (16x34x726)



**H100380** | SCREW PFH BLK  
(3) 8x1 1/8





**E5** | DECK BRACE - W4L12692  
(8) | 1 7/16"x3 3/8"x20" (36x86x508)

**H100205** | BOLT WH BLK  
(8) | 5/16x2-1/4

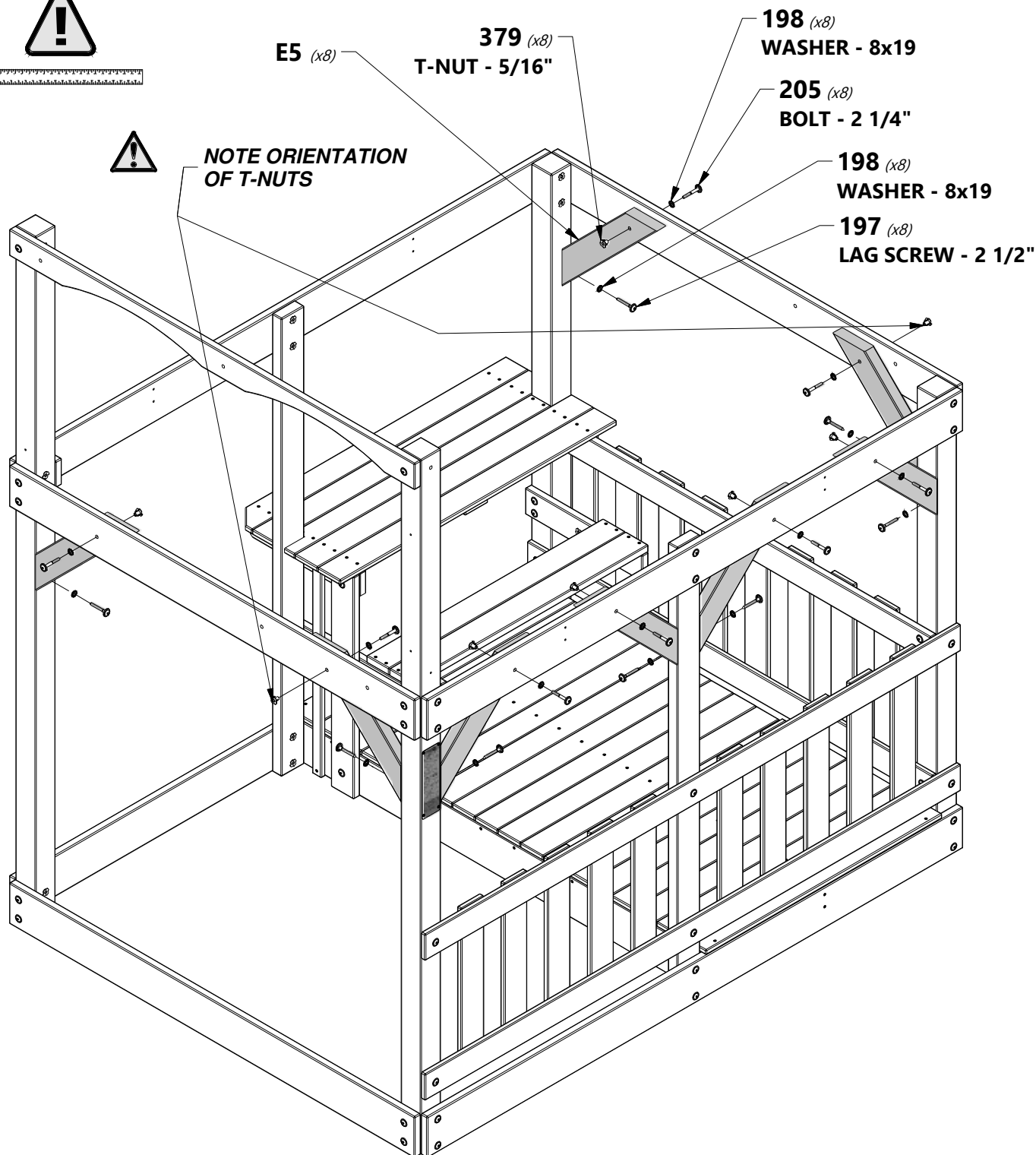
**H100197** | LAG SCREW WH BLK  
(8) | 5/16x2 1/2

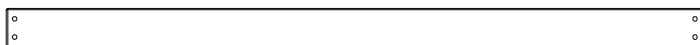
**H100198** | WASHER LOCK  
(16) | EXT BLK  
8x19

**H100379** | T-NUT BLK  
(8) | 5/16

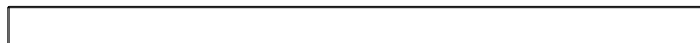


**NOTE ORIENTATION  
OF T-NUTS**





**H5 | FLOOR RAIL - W4L12710**  
(1) 1"x3 3/8"x60 1/2" (24x86x1537)



**H26 | FLOOR JOIST - W4L12729**  
(2) 1"x3 3/8"x60 1/2" (24x86x1537)



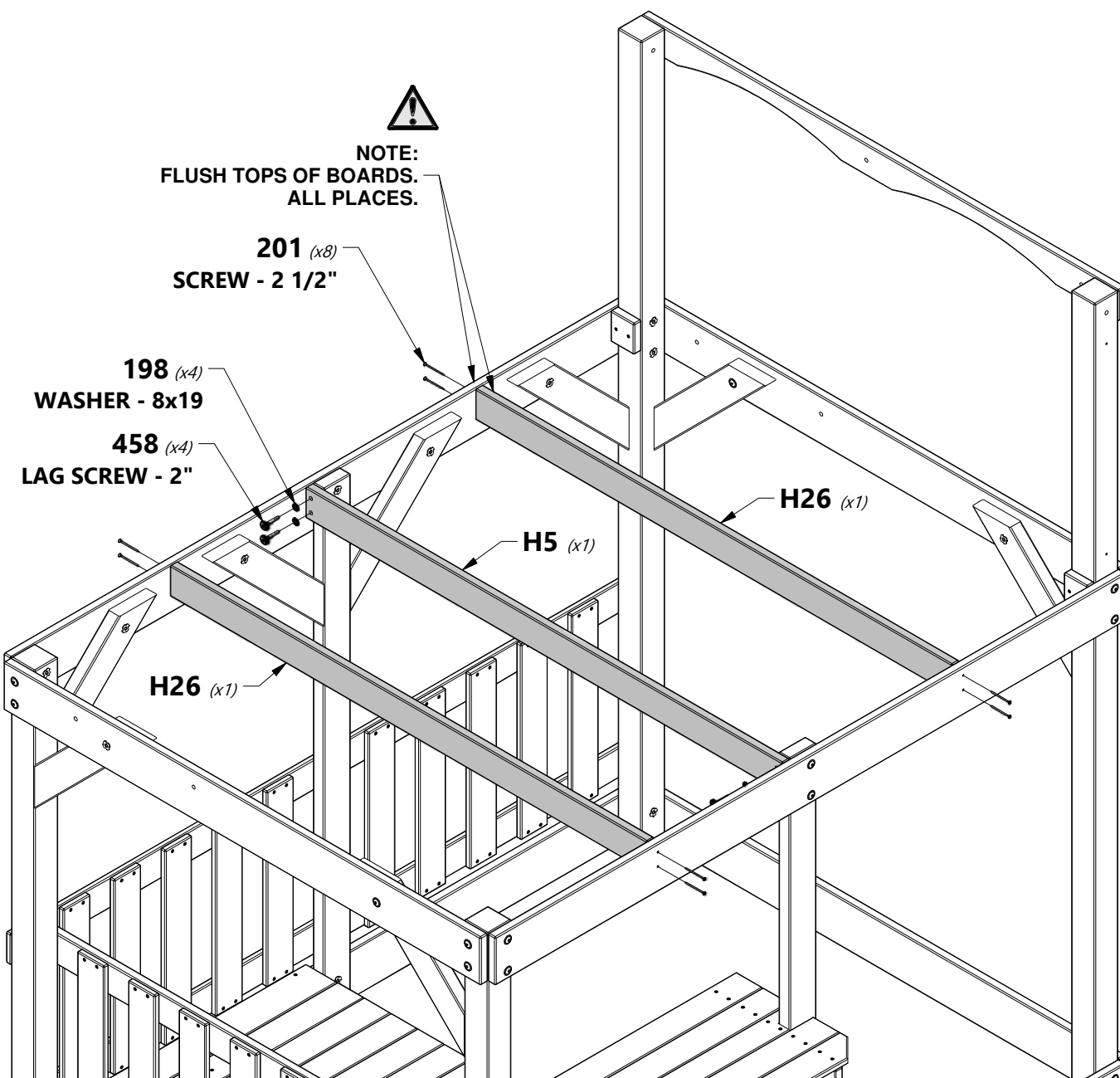
**H100458 | LAG SCREW WH BLK**  
(4) 5/16x2



**H100198 | WASHER LOCK  
EXT BLK**  
(4) 8x19



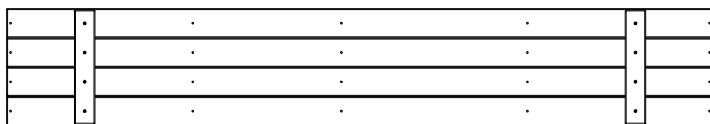
**H100201 | SCREW PFH BLK**  
(8) 8x2-1/2



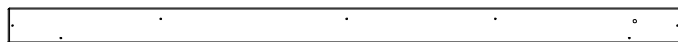


# FORT ASSEMBLY

## STEP 21



**FP2 | FLOOR PANEL - W2A02649**  
(4) 1 1/4"x13 1/2"x81 7/8" (32x344x2080)



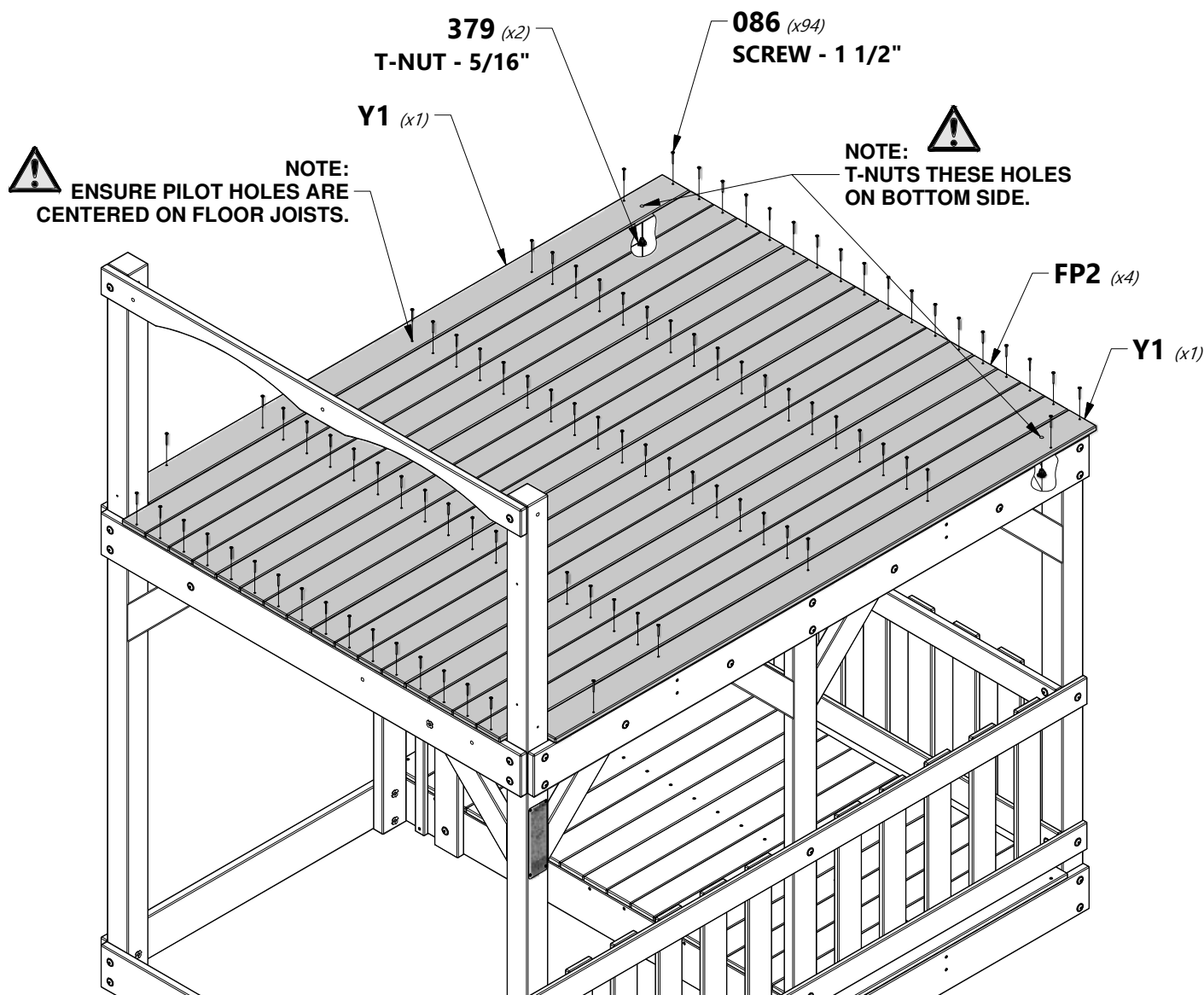
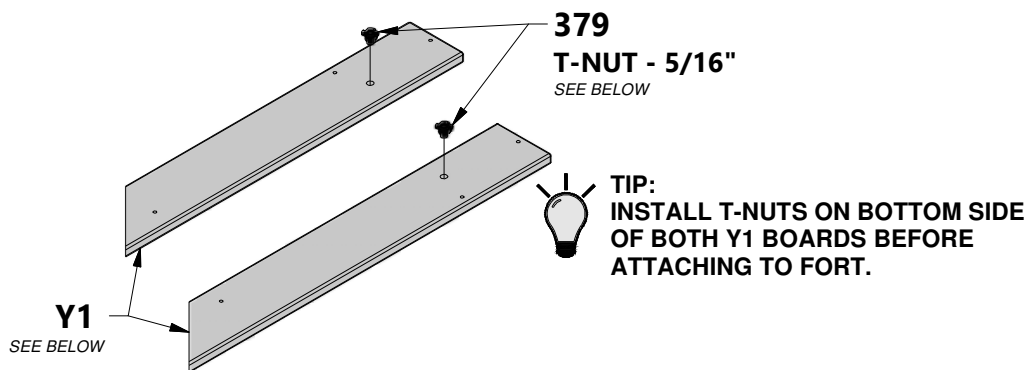
**Y1 | TOP FLOOR BOARD - W4L12785**  
(2) 5/8"x4"x78" (16x102x1980)

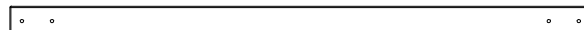


**H100086 | SCREW PFH**  
(94) 8x1 1/2

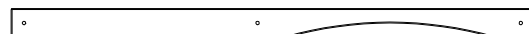


**H100379 | T-NUT BLK**  
(2) 5/16





**H4 | ROOF SUPPORT RAIL - W4L12709**  
(1) 1"x3 3/8"x67 1/4" (24x86x1709)



**H6** BACK FORT RAIL - W4L12711  
(1) 1"x3 3/8"x60 1/2" (24x86x1537)



**H100379 | T-NUT BLK**  
(2) 5/16



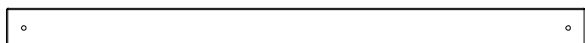
H100198 | WASHER LOCK  
(4) | EXT BLK  
8x19



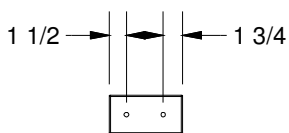




**M1** | TOP WALL RAIL - W4L12743  
(1) | 5/8"x3 3/8"x80" (16x86x2032)



**H23** | FORT WALL RAIL - W4L12752  
(1) | 1"x3 3/8"x50 1/4" (24x86x1277)



**M34** | WALL RAIL - W4L12770  
(1) | 5/8"x3 3/8"x6 3/8" (16x86x162)



**H100458** | LAG SCREW WH BLK  
(4) | 5/16x2



**H100198** | WASHER LOCK EXT BLK  
(4) | 8x19



**NOTE HOLE LOCATIONS  
FOR BOARD ORIENTATION.**

**198 (x4)**  
**WASHER - 8x19**

**458 (x4)**  
**LAG SCREW - 2"**

**H23 (x1)**

**M1 (x1)**

**M34 (x1)**

1 1/2 in



**A100340** | **L BRACKET**  
(1) | **2.5x38x50x55**



**H18** | **FORT WALL RAIL - W4L12723**  
(1) | **1"x3 3/8"x29 7/8" (24x86x758)**



**H100379** | **T-NUT BLK**  
(2) | **5/16**



**H100198** | **WASHER LOCK**  
(1) | **EXT BLK 8x19**



**H100378** | **BOLT WH BLK**  
(1) | **5/16x1 3/4**



**H100459** | **BOLT WH BLK**  
(1) | **5/16x1 1/4**



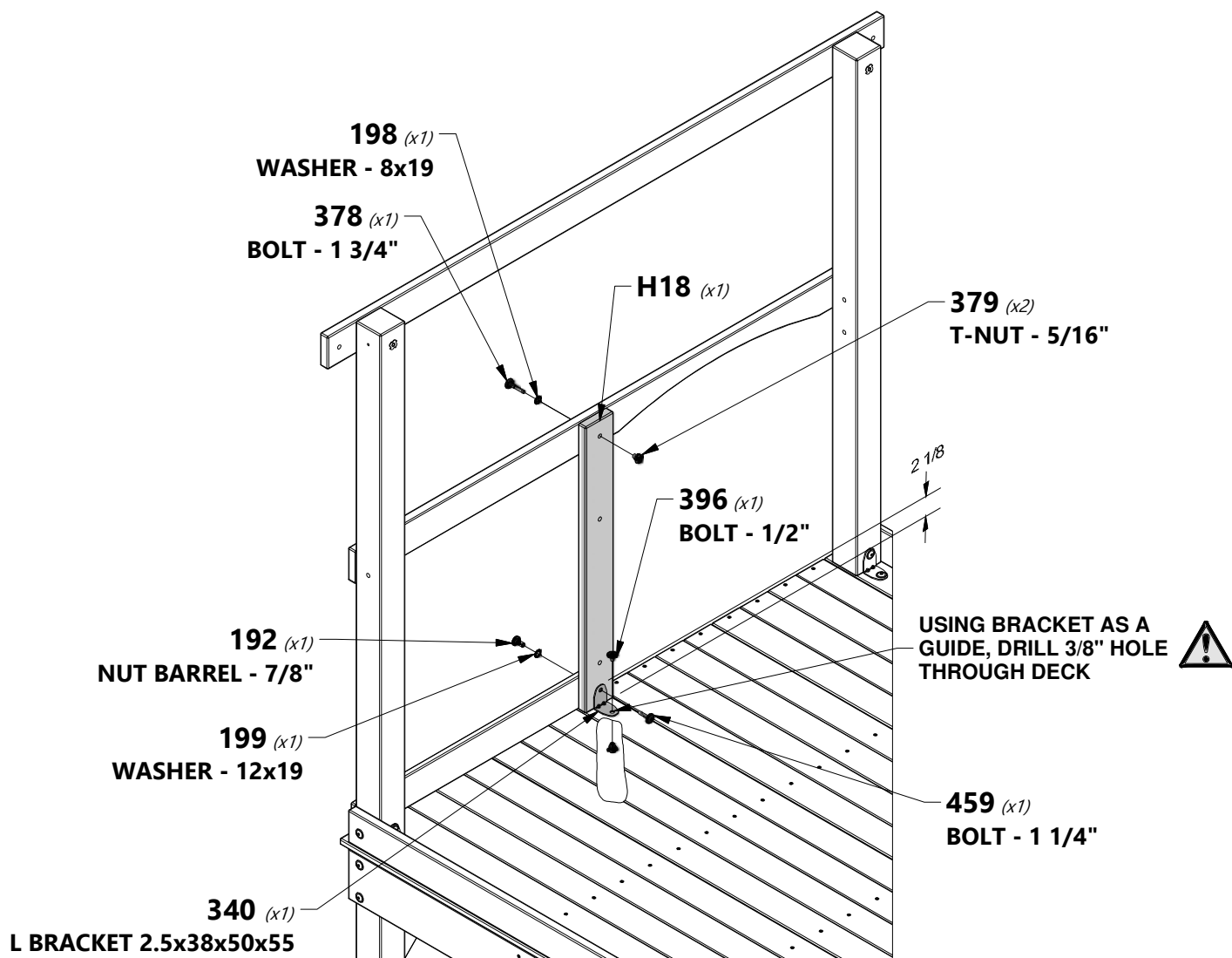
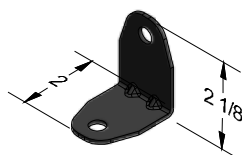
**H100396** | **BOLT WH BLK**  
(1) | **5/16x1/2**



**H100192** | **NUT BARREL WH**  
(1) | **BLK 5/16x7/8**



**H100199** | **WASHER LOCK**  
(1) | **EXT BLK 12x19**





# FORT ASSEMBLY

## STEP 25

**H1** | WALL RAIL - W4L12706  
(1) | 1"x3 3/8"x80" (24x86x2032)

**Q1** | SLIDE ATTACHMENT BOARD - W4L12792  
(1) | 1"x4 1/4"x27" (24x108x687)

**B6** | FRONT LEFT FORT CORNER - W4L12685  
(1) | 3"x3"x53 7/8" (76x76x1370)

**A100340** | L BRACKET  
(1) | 2.5x38x50x55

**H22** | SLIDE ATTACHMENT BOARD - W4L12781  
(1) | 1"x3"x23" (24x76x585)

**H100415** | BOLT WH BLK  
(3) | 5/16x3 3/4

**H100503** | BOLT WH BLK  
(1) | 5/16x3-1/2

**H100197** | LAG SCREW WH BLK  
(4) | 5/16x2 1/2

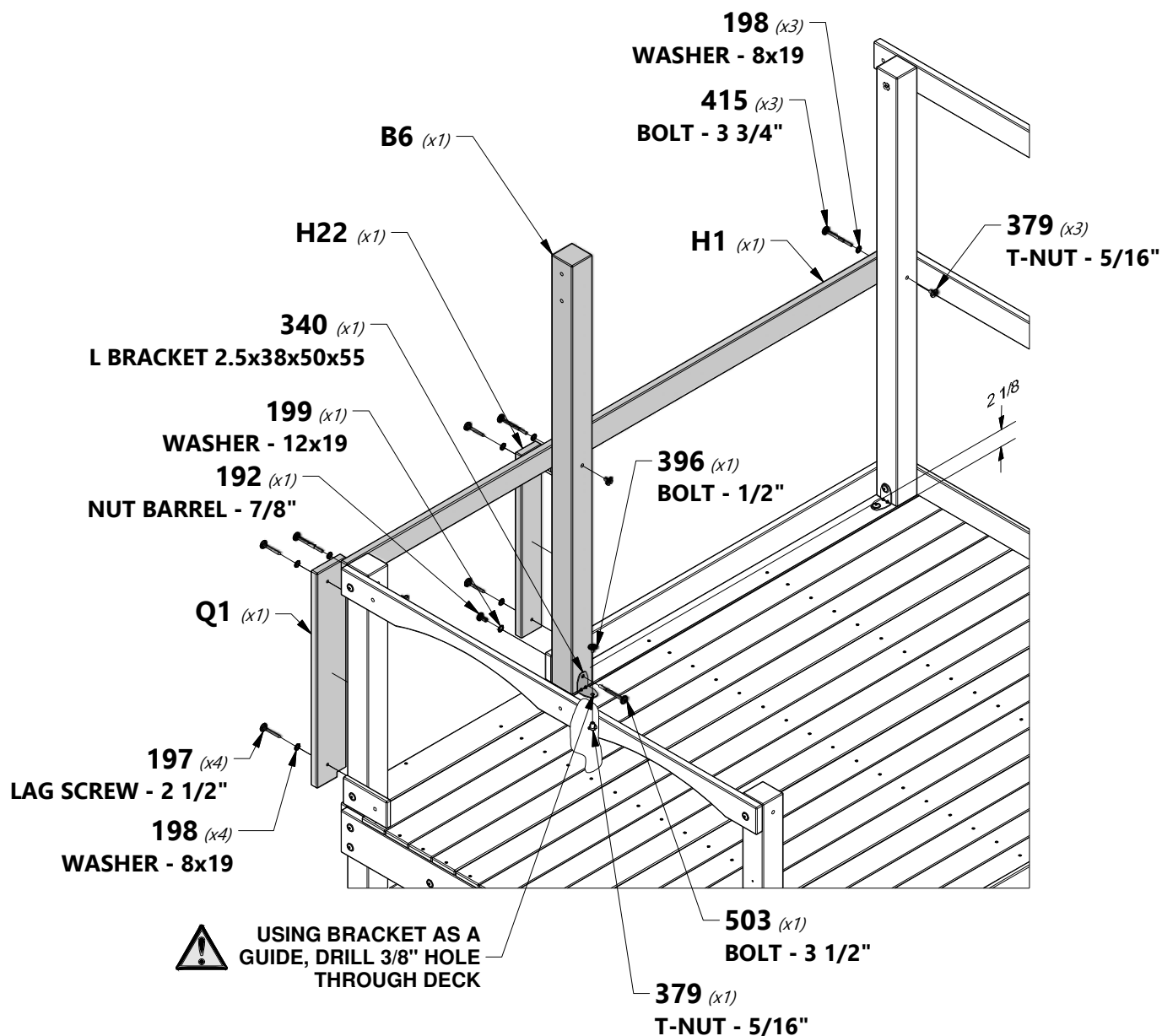
**H100396** | BOLT WH BLK  
(1) | 5/16x1/2

**H100192** | NUT BARREL WH BLK  
(1) | 5/16x7/8

**H100199** | WASHER LOCK  
(1) | EXT BLK  
12x19

**H100379** | T-NUT BLK  
(4) | 5/16

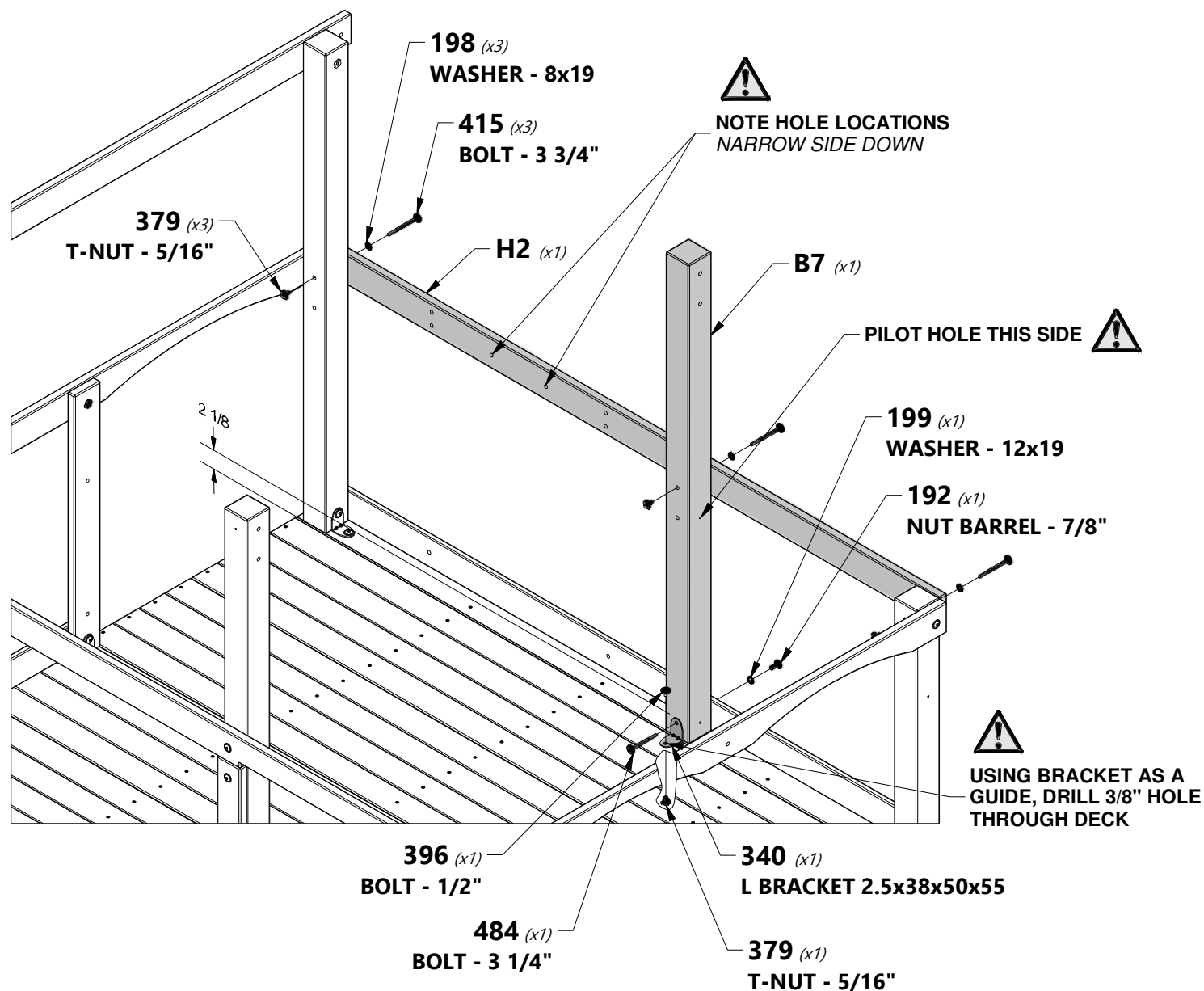
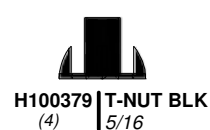
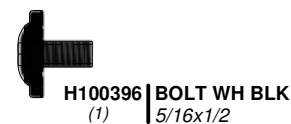
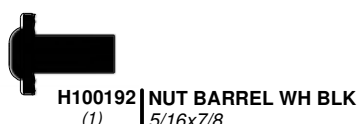
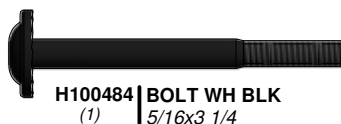
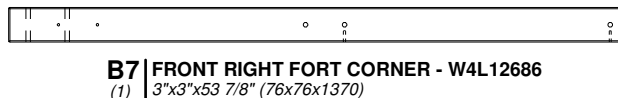
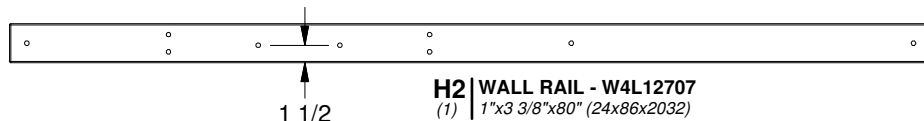
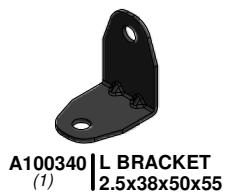
**H100198** | WASHER LOCK  
(7) | EXT BLK  
8x19

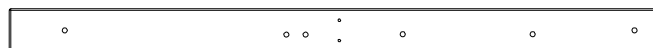




# FORT ASSEMBLY

## STEP 26





**H9** FORT WALL BOARD - W4L12714  
(2) 1"x3 3/8"x50 1/2" (24x86x1284)



**A100396** L BRACKET 51x32x82x3.175  
(2)



**H100761** BOLT HEX BLK  
(4) 5/16x2



**H100407** BOLT WH BLK  
(2) 5/16x1 1/2



**H100478** WASHER FLAT  
(4) BLK  
8x27



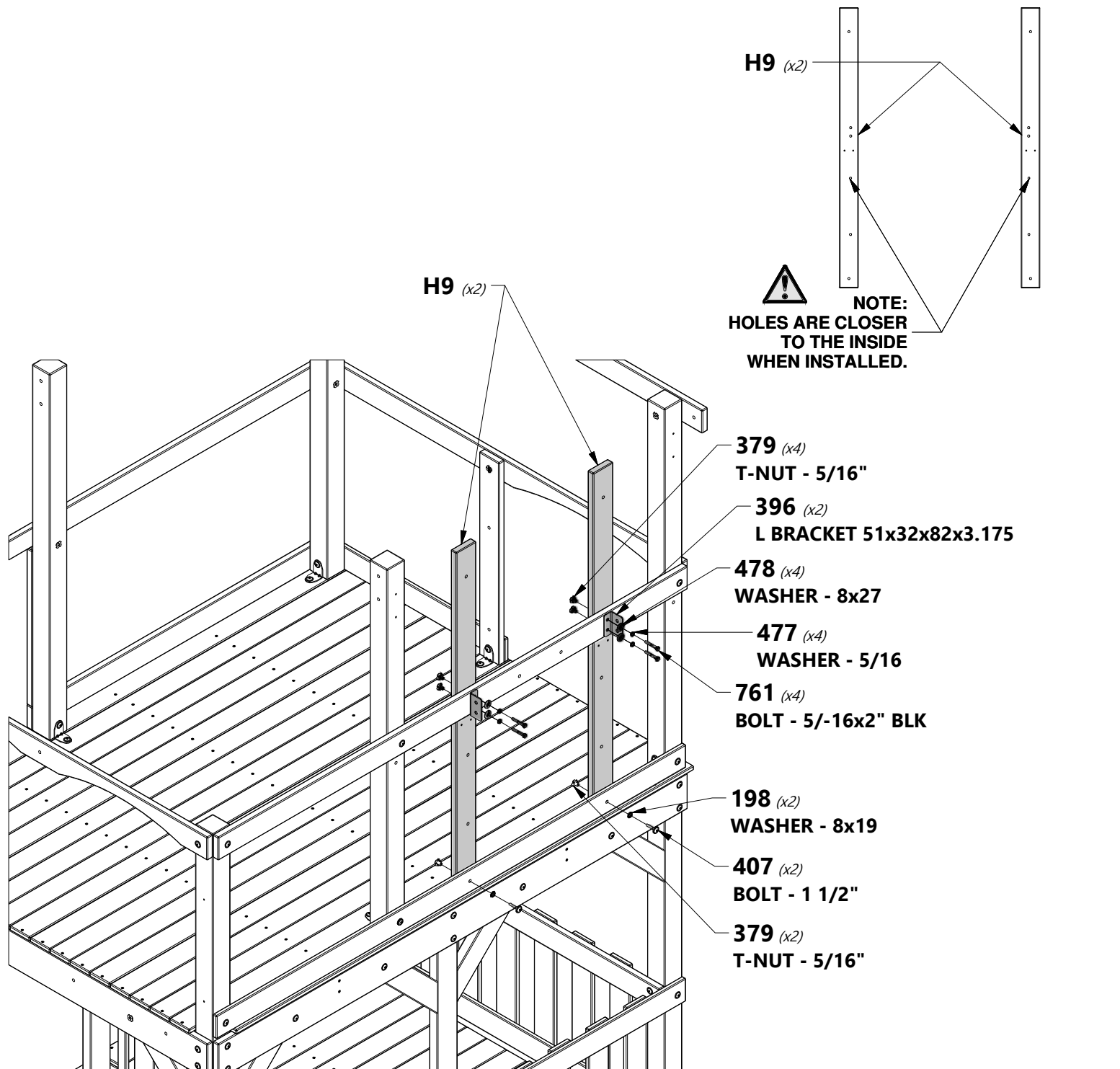
**H100198** WASHER LOCK  
(2) EXT BLK  
8x19



**H100477** WASHER SPLIT  
(4) BLK  
5/16



**H100379** T-NUT BLK  
(6) 5/16





**K5** | FORT WALL RAIL - W4L12740  
(1) | 5/8"x5 1/4"x50 1/4" (16x134x1277)



**H14** | SWING BEAM MOUNT - W4L12719  
(1) | 1"x3 3/8"x50 1/4" (24x86x1277)



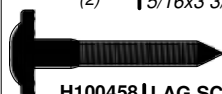
**H100415** | BOLT WH BLK  
(2) | 5/16x3 3/4



**H100407** | BOLT WH BLK  
(2) | 5/16x1 1/2



**H100089** | SCREW PFH  
(4) | 8x1 3/4



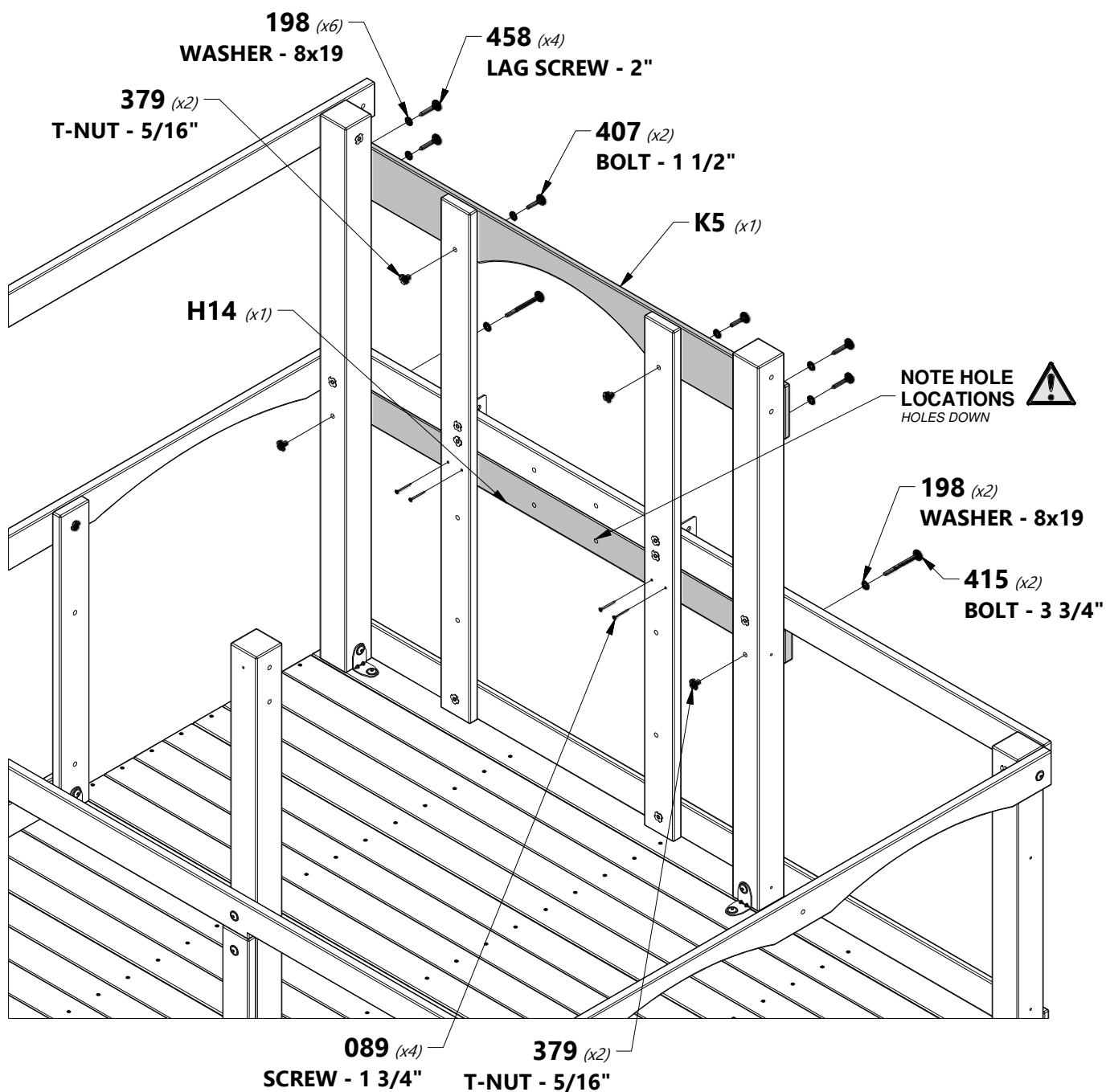
**H100458** | LAG SCREW WH BLK  
(4) | 5/16x2

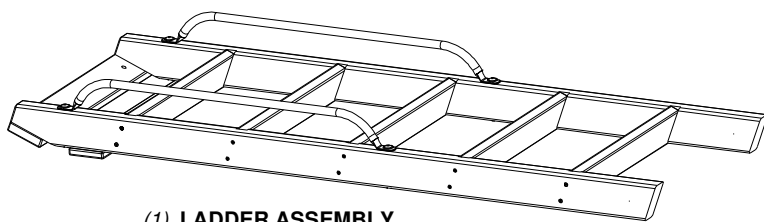


**H100379** | T-NUT BLK  
(4) | 5/16



**H100198** | WASHER LOCK  
(8) | EXT BLK  
8x19





(1) LADDER ASSEMBLY



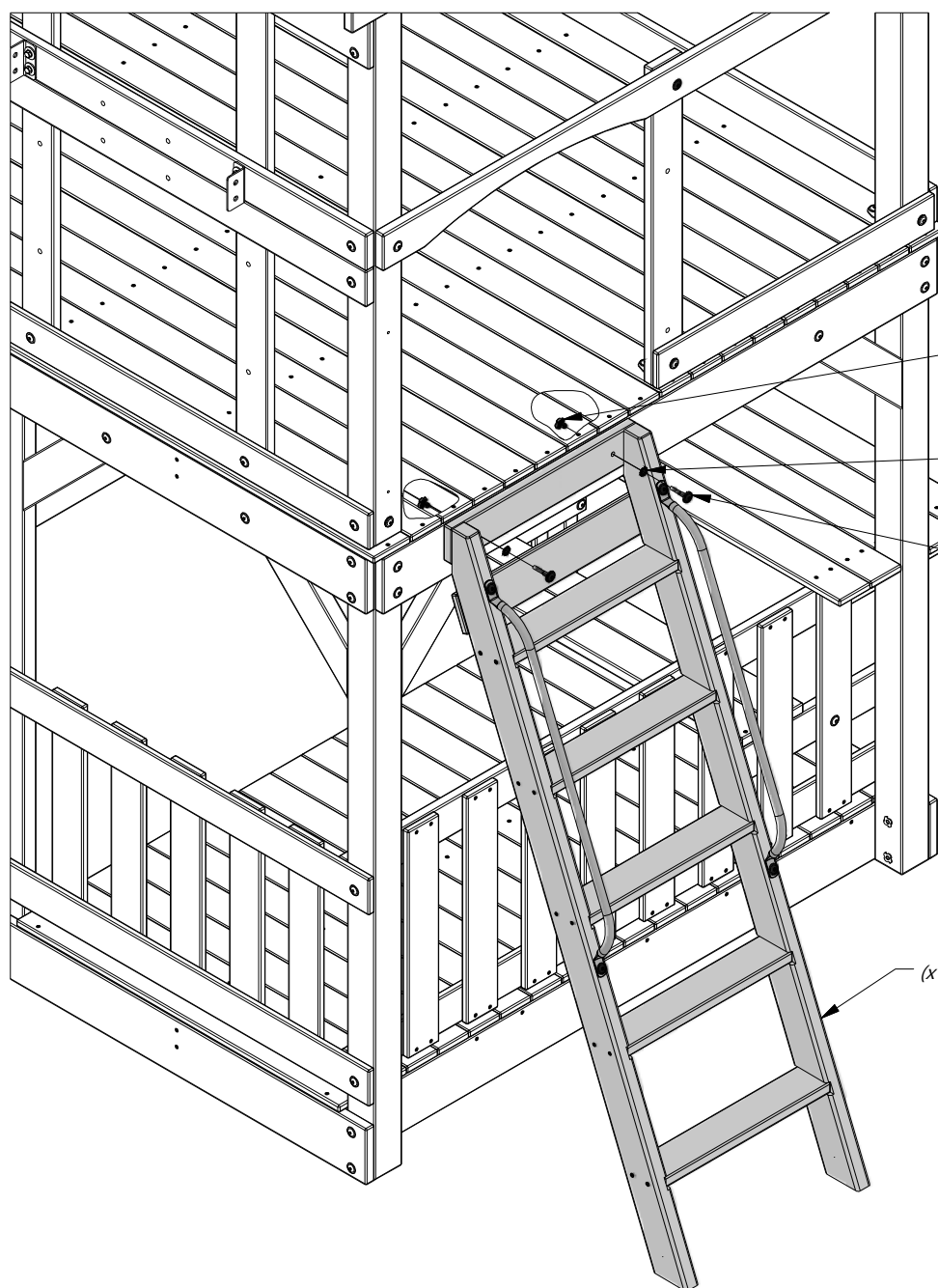
H100378 | BOLT WH BLK  
(2) | 5/16x1 3/4



H100379 | T-NUT BLK  
(2) | 5/16



H100198 | WASHER LOCK  
(2) | EXT BLK  
8x19

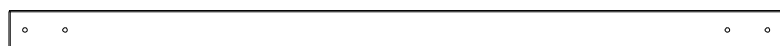


379 (x2)  
T-NUT - 5/16"

198 (x2)  
WASHER - 8x19

378 (x2)  
BOLT - 1 3/4"

(x1) LADDER ASSEMBLY



**H4** | ROOF SUPPORT RAIL - W4L12709  
(1) | 1"x3 3/8"x67 1/4" (24x86x1709)



**H7** | FRONT FORT WALL RAIL - W4L12712  
(1) | 1"x3 3/8"x60 1/2" (24x86x1537)



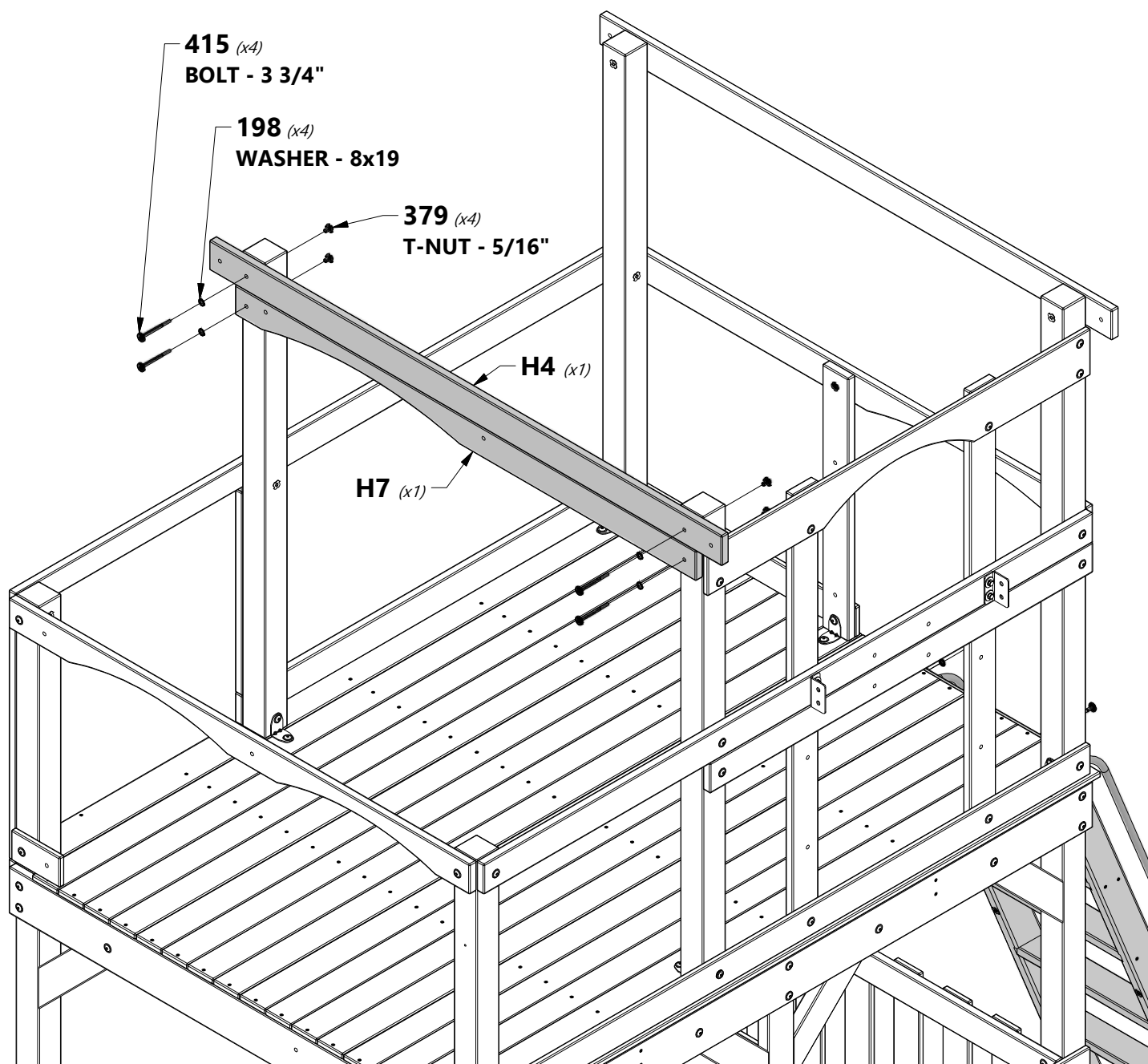
**H100415** | BOLT WH BLK  
(4) | 5/16x3 3/4



**H100379** | T-NUT BLK  
(4) | 5/16



**H100198** | WASHER LOCK  
(4) | EXT BLK  
8x19





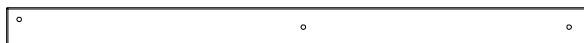


# FORT ASSEMBLY

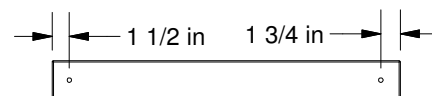
## STEP 31



**A100340** | L BRACKET  
(1) | 2.5x38x50x55



**H8** | FORT UPRIGHT - W4L12713  
(1) | 1"x3 3/8"x50 1/2" (24x86x1284)



**M21** | FORT WALL RAIL - W4L12761  
(2) | 5/8"x3 3/8"x30 1/4" (16x86x768)



**H100458** | LAG SCREW WH BLK  
(2) | 5/16x2



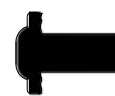
**H100407** | BOLT WH BLK  
(1) | 5/16x1 1/2



**H100459** | BOLT WH BLK  
(1) | 5/16x1 1/4



**H100396** | BOLT WH BLK  
(1) | 5/16x1/2



**H100192** | NUT BARREL WH  
(1) | BLK  
5/16x7/8



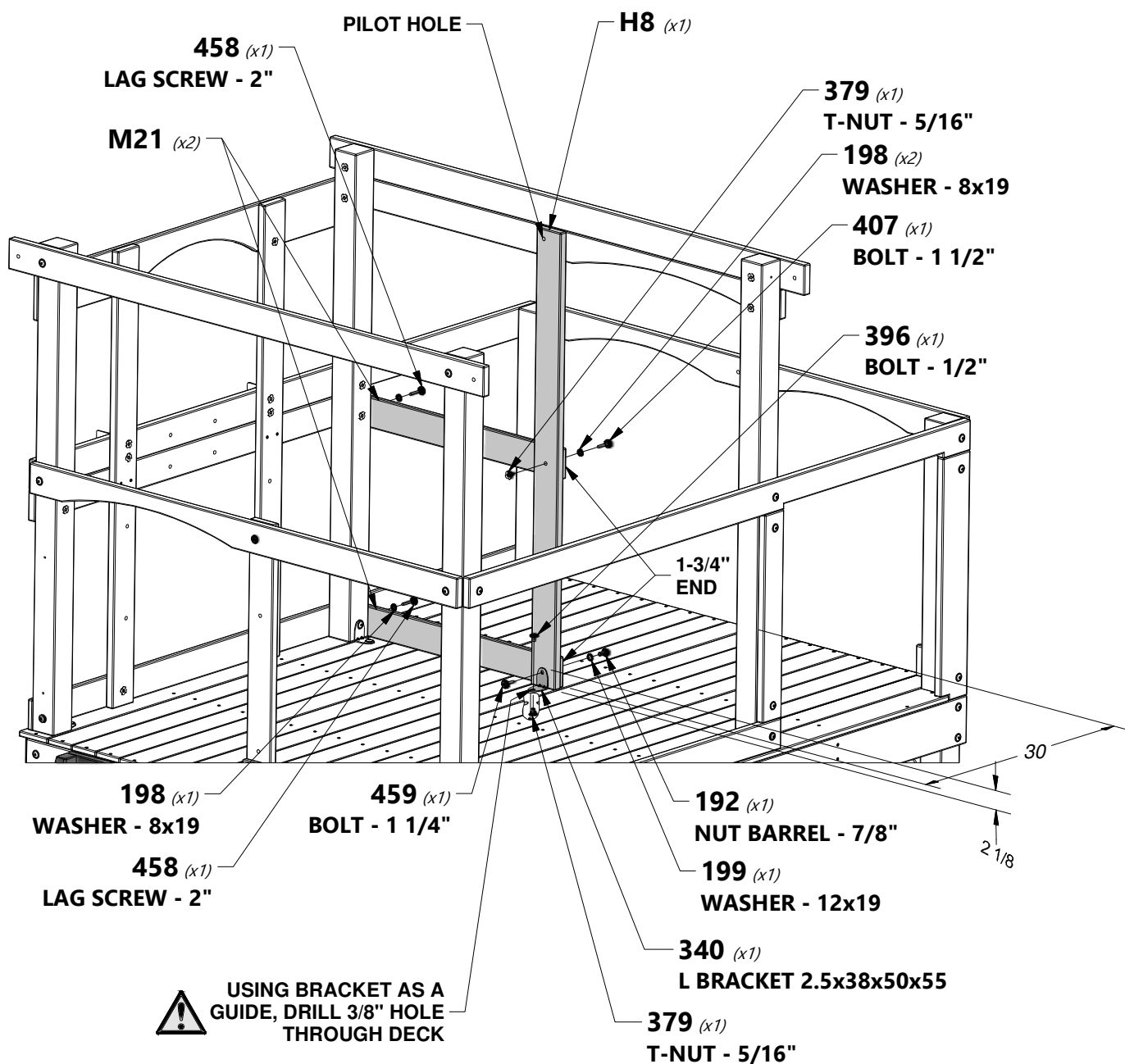
**H100379** | T-NUT BLK  
(2) | 5/16



**H100198** | WASHER LOCK  
(3) | EXT BLK  
8x19



**H100199** | WASHER LOCK  
(1) | EXT BLK  
12x19





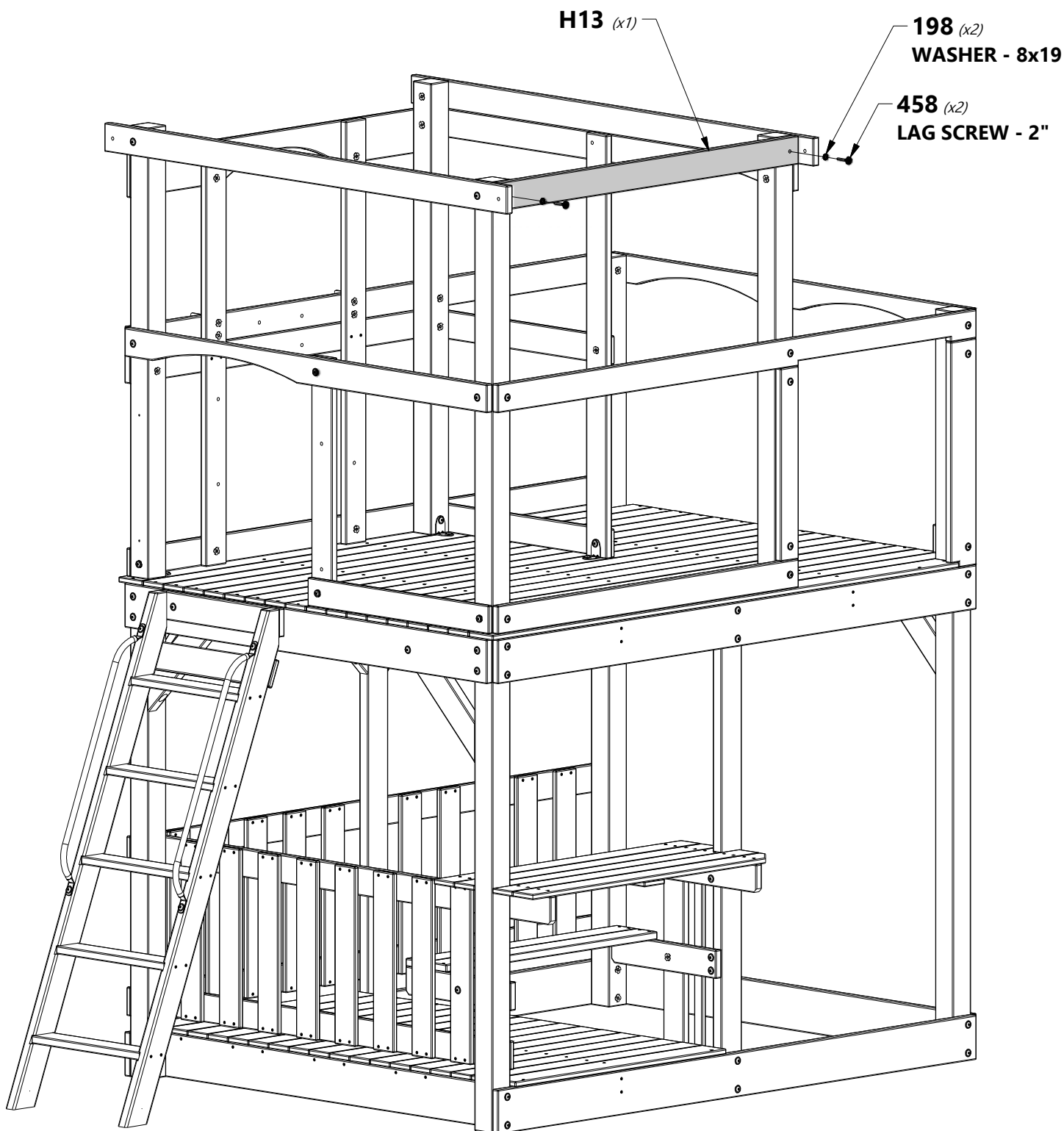
**H13** | FORT WALL RAIL - W4L12718  
(1) 1"x3 3/8"x50 1/4" (24x86x1277)



**H100458** | LAG SCREW WH BLK  
(2) 5/16x2



**H100198** | WASHER LOCK  
(2) EXT BLK  
8x19



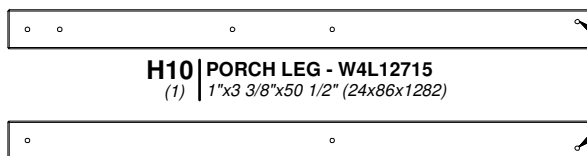


# FORT ASSEMBLY

## STEP 33



**A100340** | L BRACKET  
(1) | 2.5x38x50x55



**H10** | PORCH LEG - W4L12715  
(1) | 1"x3 3/8"x50 1/2" (24x86x1282)

**H11** | PORCH LEG - W4L12716  
(1) | 1"x3 3/8"x50 1/2" (24x86x1282)

**NOTE:**  
HOLES GO OUTWARD  
WHEN INSTALLED.



**H100199** | WASHER LOCK  
(1) | EXT BLK  
12x19



**H100198** | WASHER LOCK  
(3) | EXT BLK  
8x19



**H100378** | BOLT WH BLK  
(2) | 5/16x1 3/4



**H100407** | BOLT WH BLK  
(1) | 5/16x1 1/2



**H100396** | BOLT WH BLK  
(2) | 5/16x1/2



**H100192** | NUT BARREL WH  
(1) | BLK  
5/16x7/8

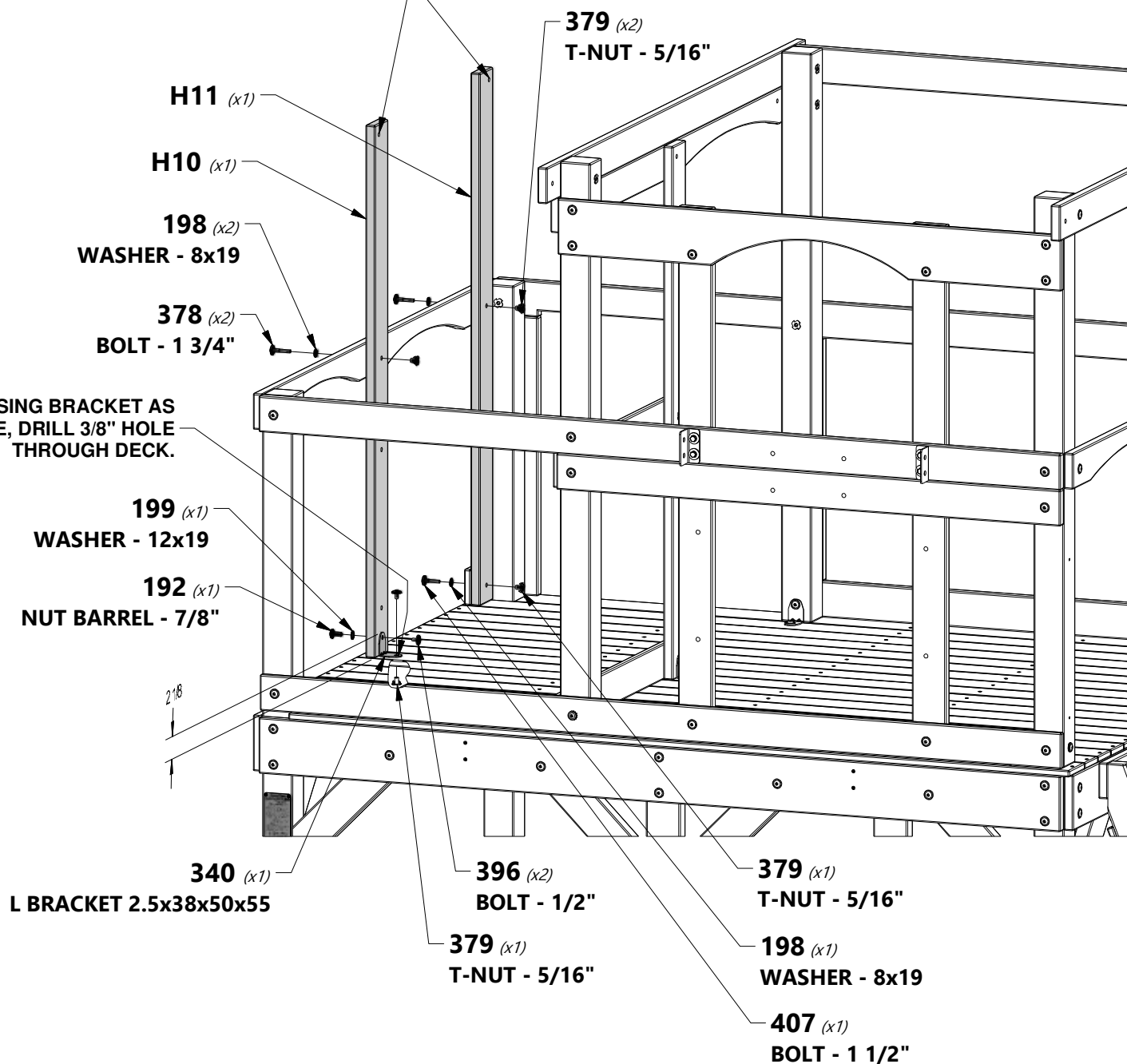


**H100379** | T-NUT BLK  
(4) | 5/16



USING BRACKET AS  
AS GUIDE, DRILL 3/8" HOLE  
THROUGH DECK.

**NOTE:**  
HOLES GO OUTWARD.





**M8** | FORT WALL BOARD - W4L12750  
(2) | 5/8"x3 3/8"x50 1/2" (16x86x1284)

**N1** | FORT WALL BOARD - W4L12776  
(2) | 5/8"x2 3/8"x50 1/2" (16x60x1284)

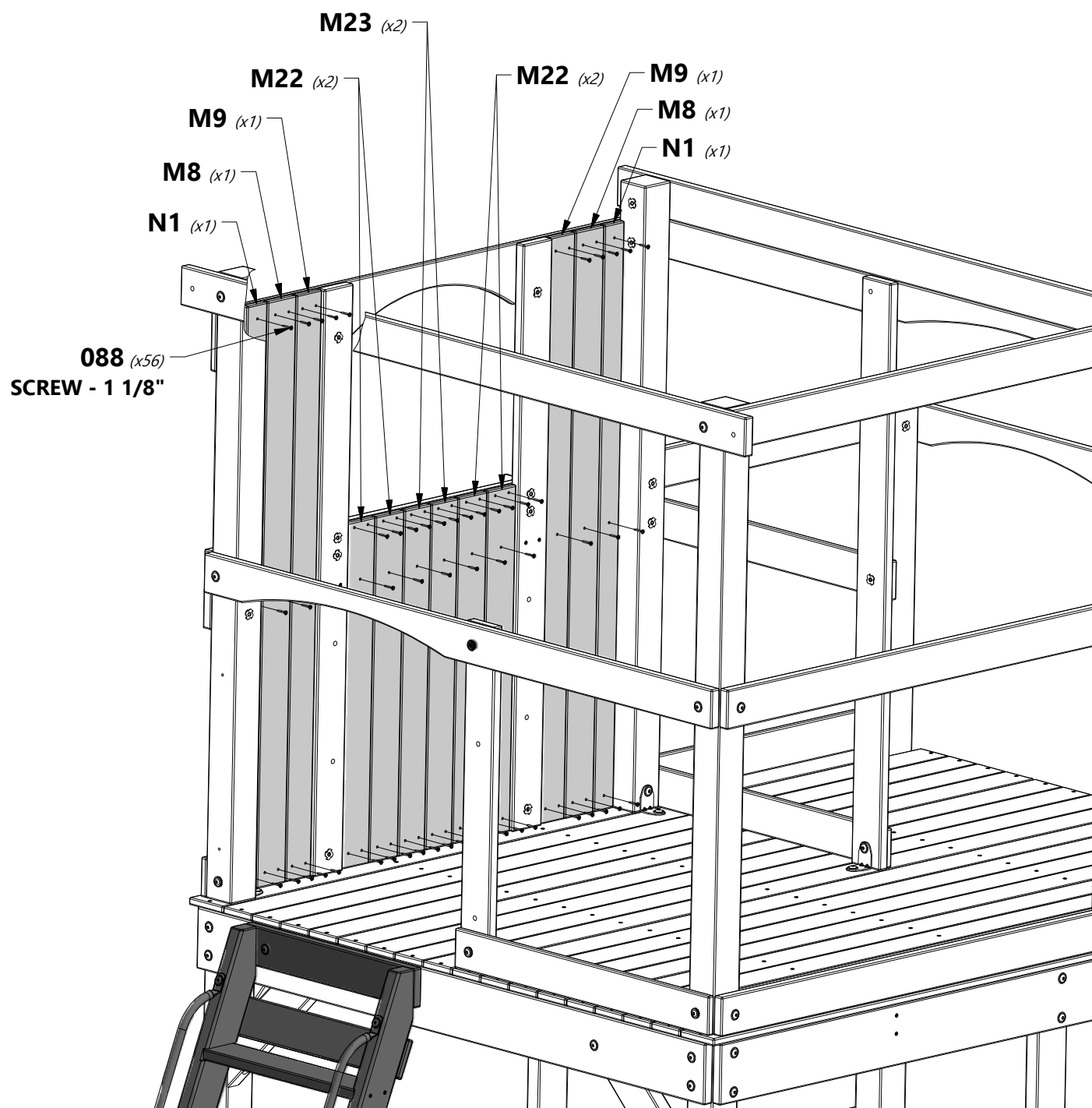
**M9** | FORT WALL BOARD - W4L12751  
(2) | 5/8"x3"x50 1/2" (16x76x1284)

**M23** | FORT WALL BOARD - W4L12763  
(2) | 5/8"x3 1/8"x29 7/8" (16x80x758)

**M22** | FORT WALL BOARD - W4L12762  
(4) | 5/8"x3 3/8"x29 7/8" (16x86x758)



**H100088** | SCREW PFH  
(56) | 8x1 1/8





**M6 | FORT WALL BOARD - W4L12748**  
(1) 5/8"x3 3/8"x53 7/8" (16x86x1370)



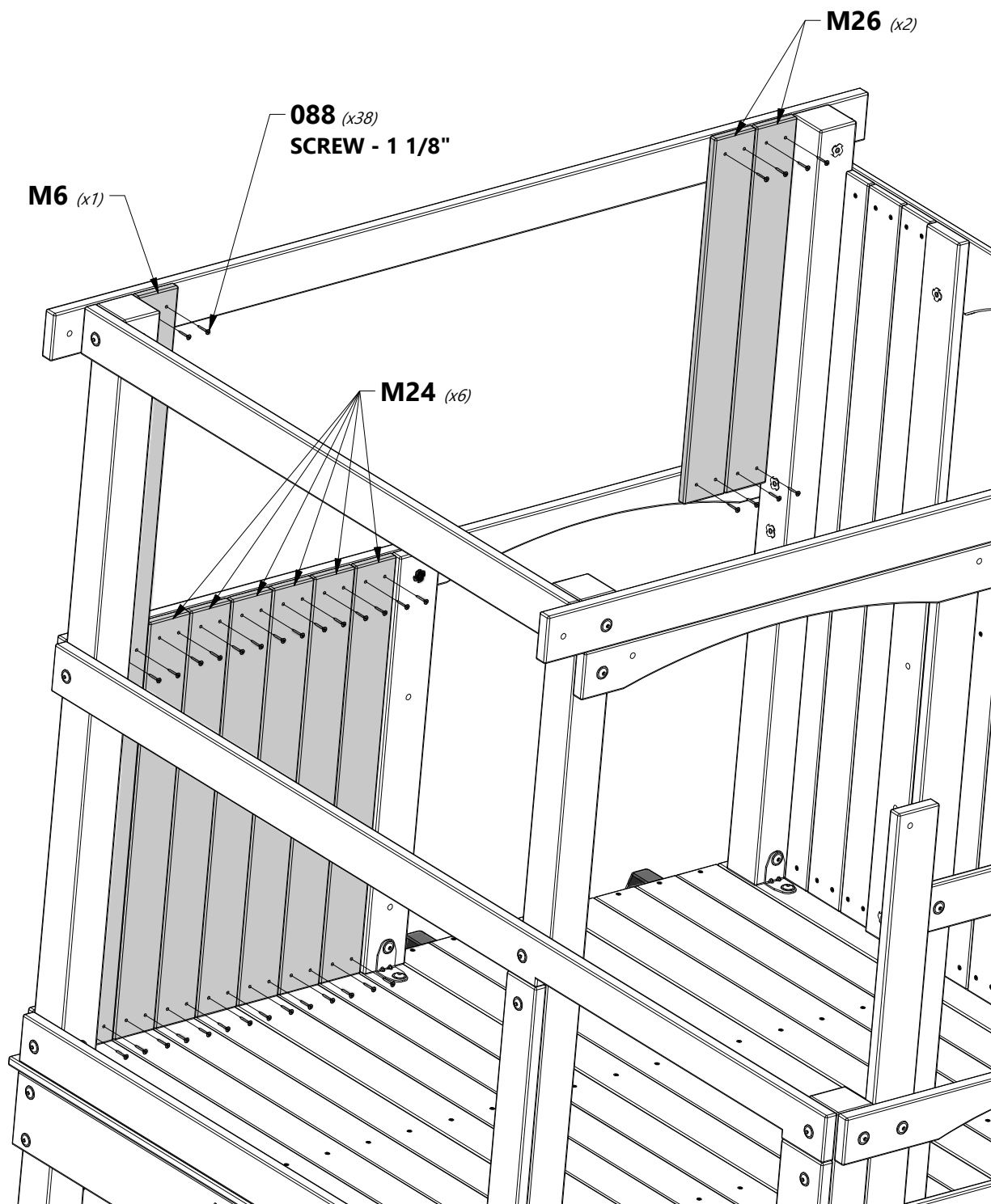
**M26 | WALL BOARD - W4L12765**  
(2) 5/8"x3 3/8"x26 1/8" (16x86x664)



**M24 | WALL BOARD - W4L12764**  
(6) 5/8"x3 3/8"x29 7/8" (16x86x758)



**H100088 | SCREW PFH**  
(38) 8x1 1/8"





**M8** | FORT WALL BOARD - W4L12750  
(5) | 5/8"x3 3/8"x50 1/2" (16x86x1284)



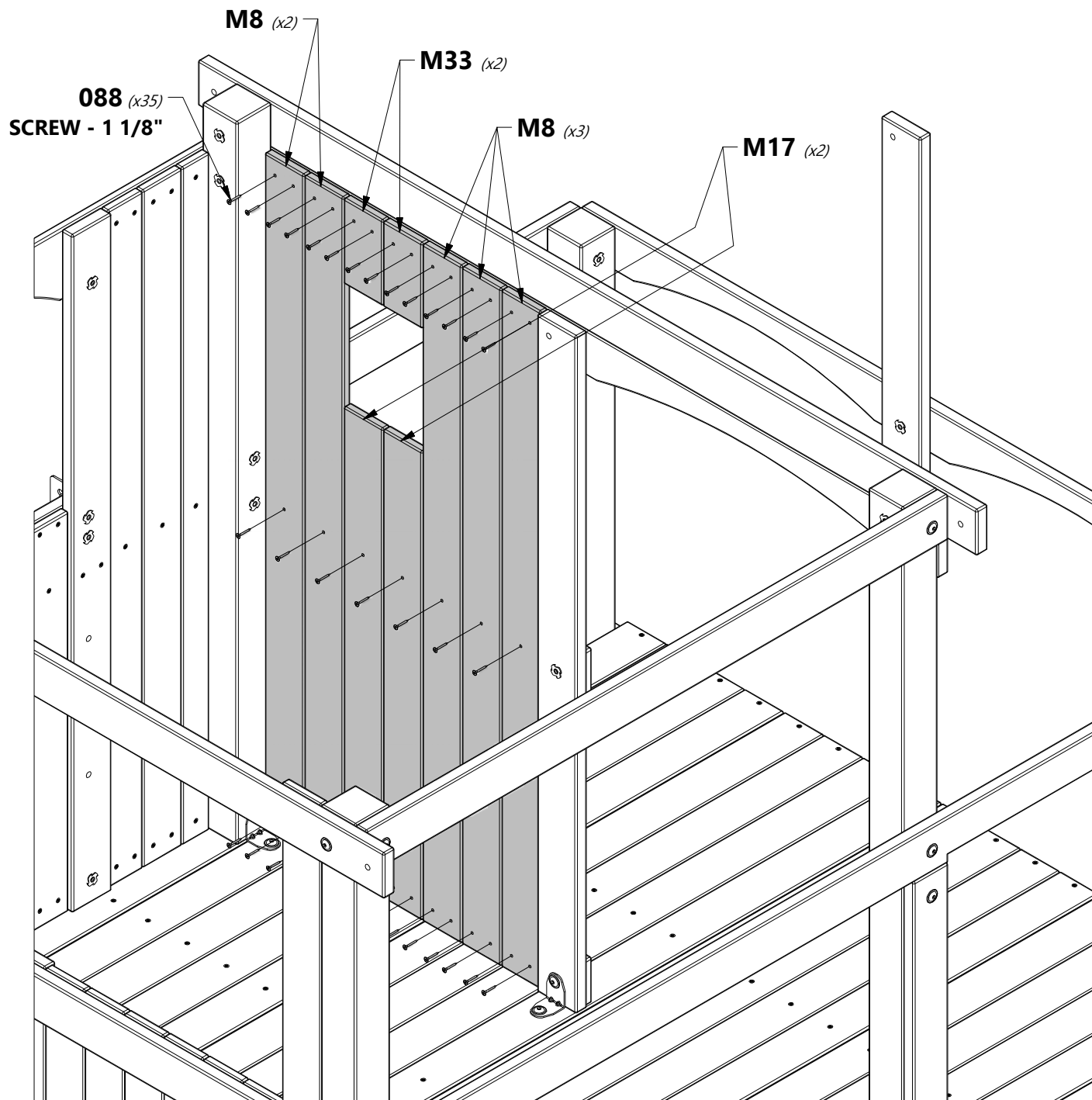
**M17** | FRONT WINDOW WALL BOARD - W4L12758  
(2) | 5/8"x3 3/8"x35" (16x86x889)



**M33** | FRONT WINDOW WALL BOARD - W4L12769  
(2) | 5/8"x3 3/8"x6 3/8" (16x86x162)



**H100088** | SCREW PFH  
(35) | 8x1 1/8

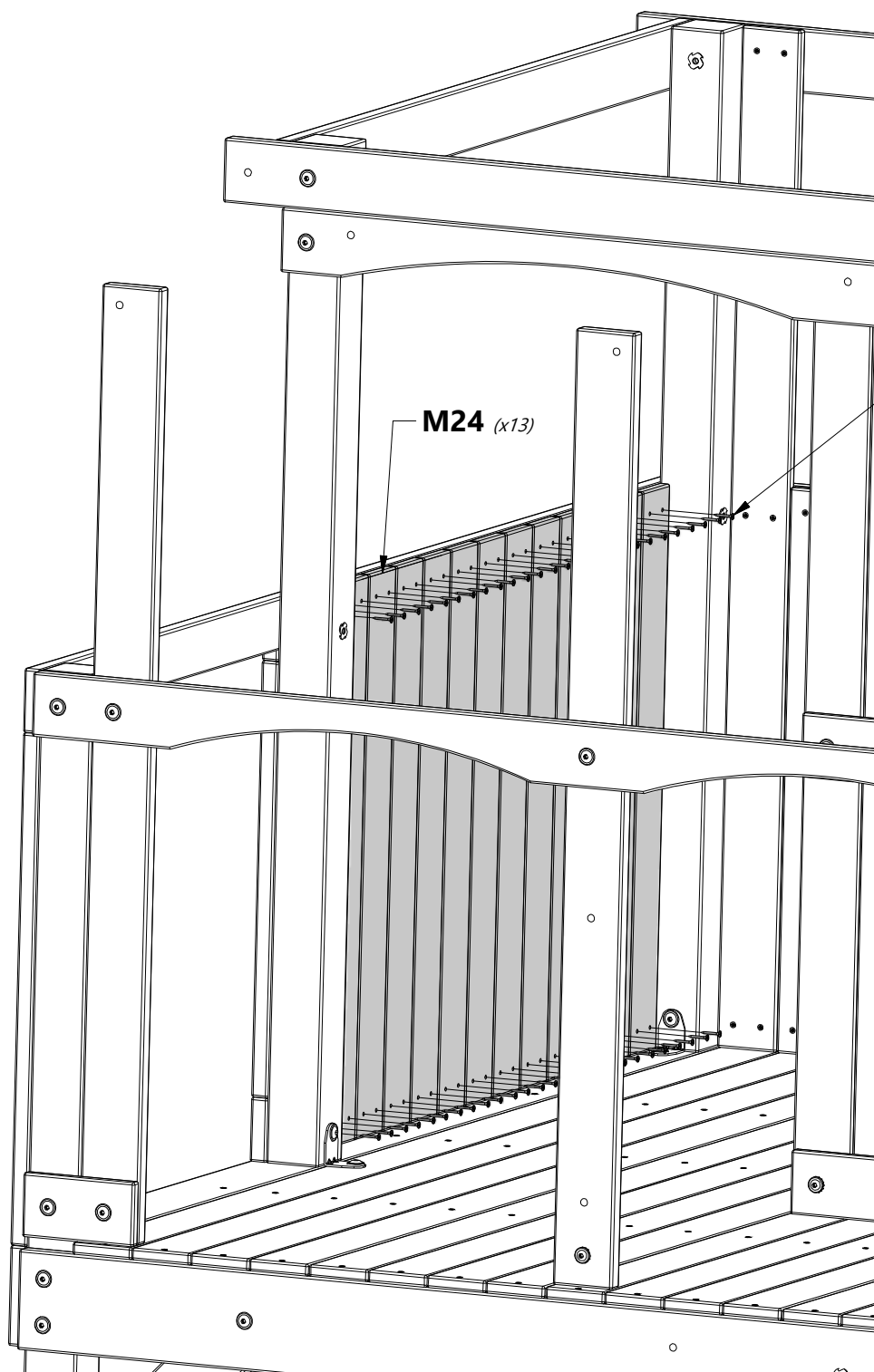




**M24** | WALL BOARD - W4L12764  
(13) | 5/8"x3 3/8"x29 7/8" (16x86x758)



**H100088** | SCREW PFH  
(52) | 8x1 1/8

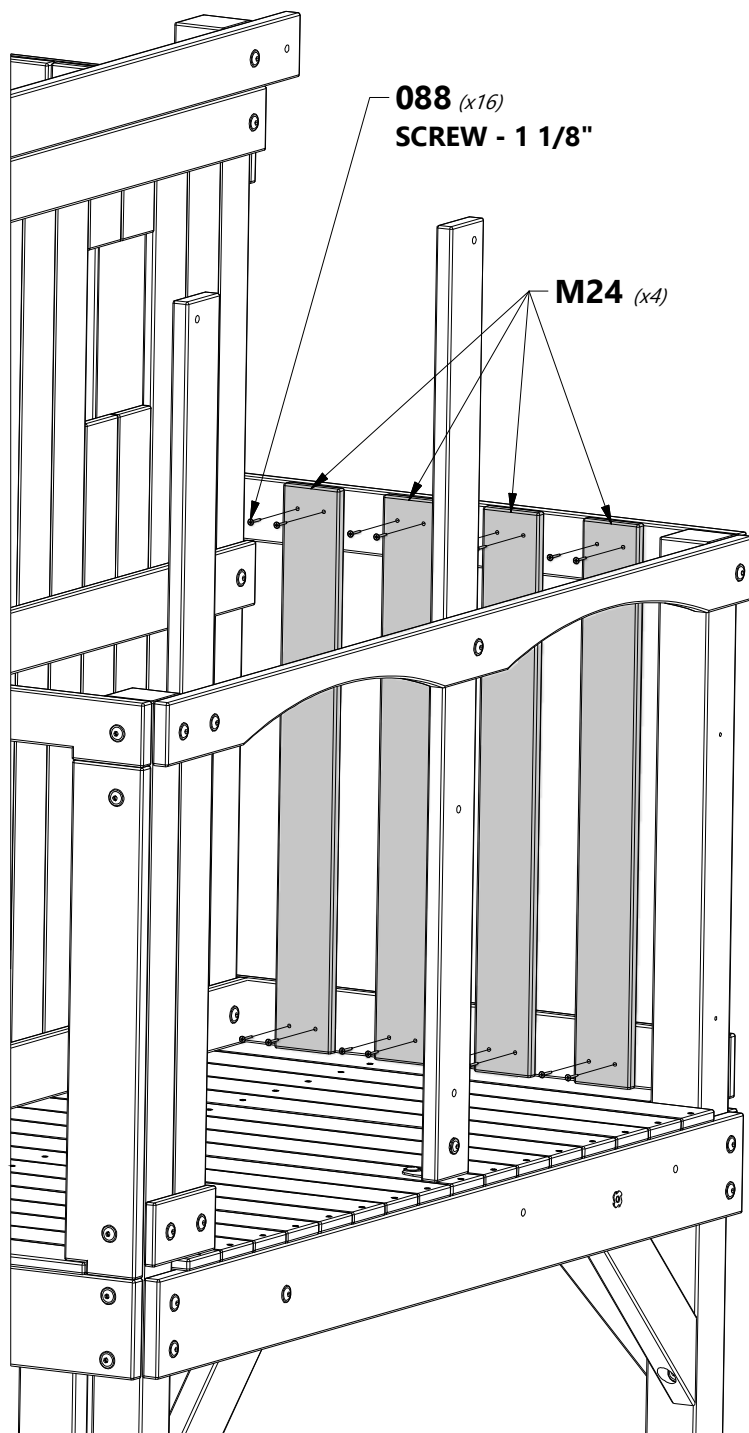




**M24 | WALL BOARD - W4L12764**  
(4) 5/8"x3 3/8"x29 7/8" (16x86x758)

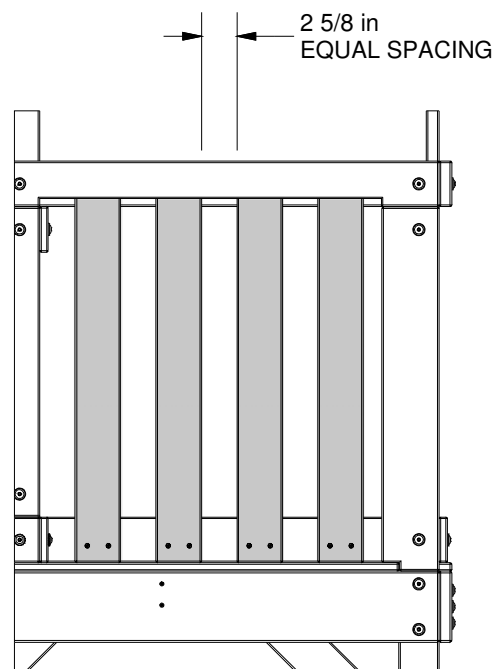


**H100088 | SCREW PFH**  
(16) 8x1 1/8



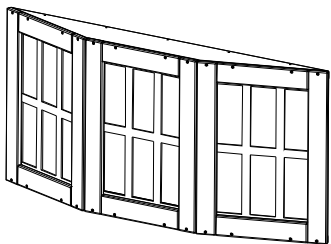
**088 (x16)**  
**SCREW - 1 1/8"**

**M24 (x4)**



**2 5/8 in**  
**EQUAL SPACING**





(2) BAY WINDOW ASSEMBLY



H100391 | SCREW PFH BLK  
(20) | 8x2



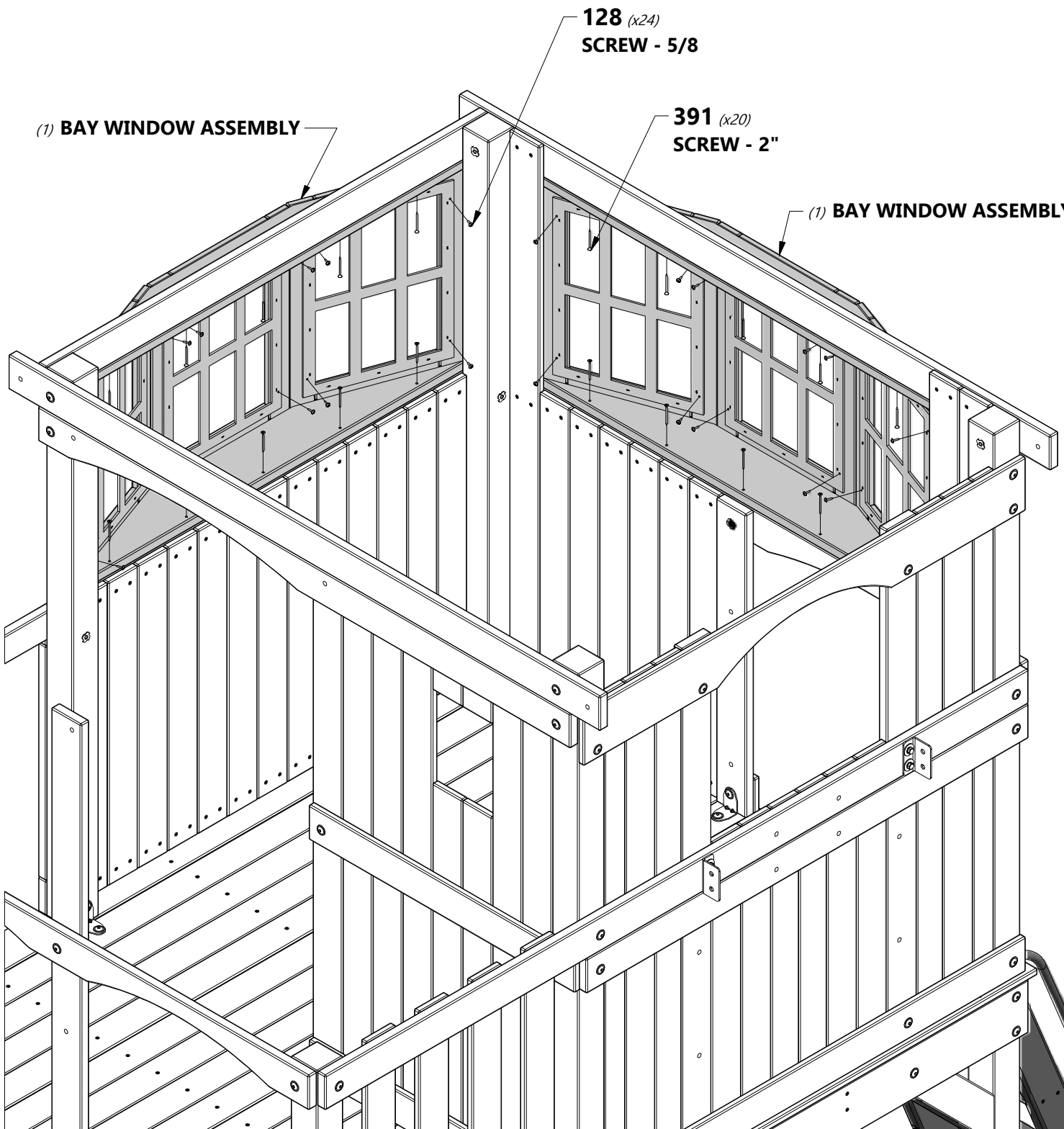
H100128 | SCREW PWH  
(24) | 8x5/8

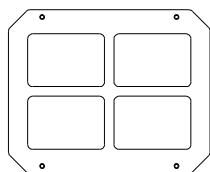
(1) BAY WINDOW ASSEMBLY

128 (x24)  
SCREW - 5/8

391 (x20)  
SCREW - 2"

(1) BAY WINDOW ASSEMBLY

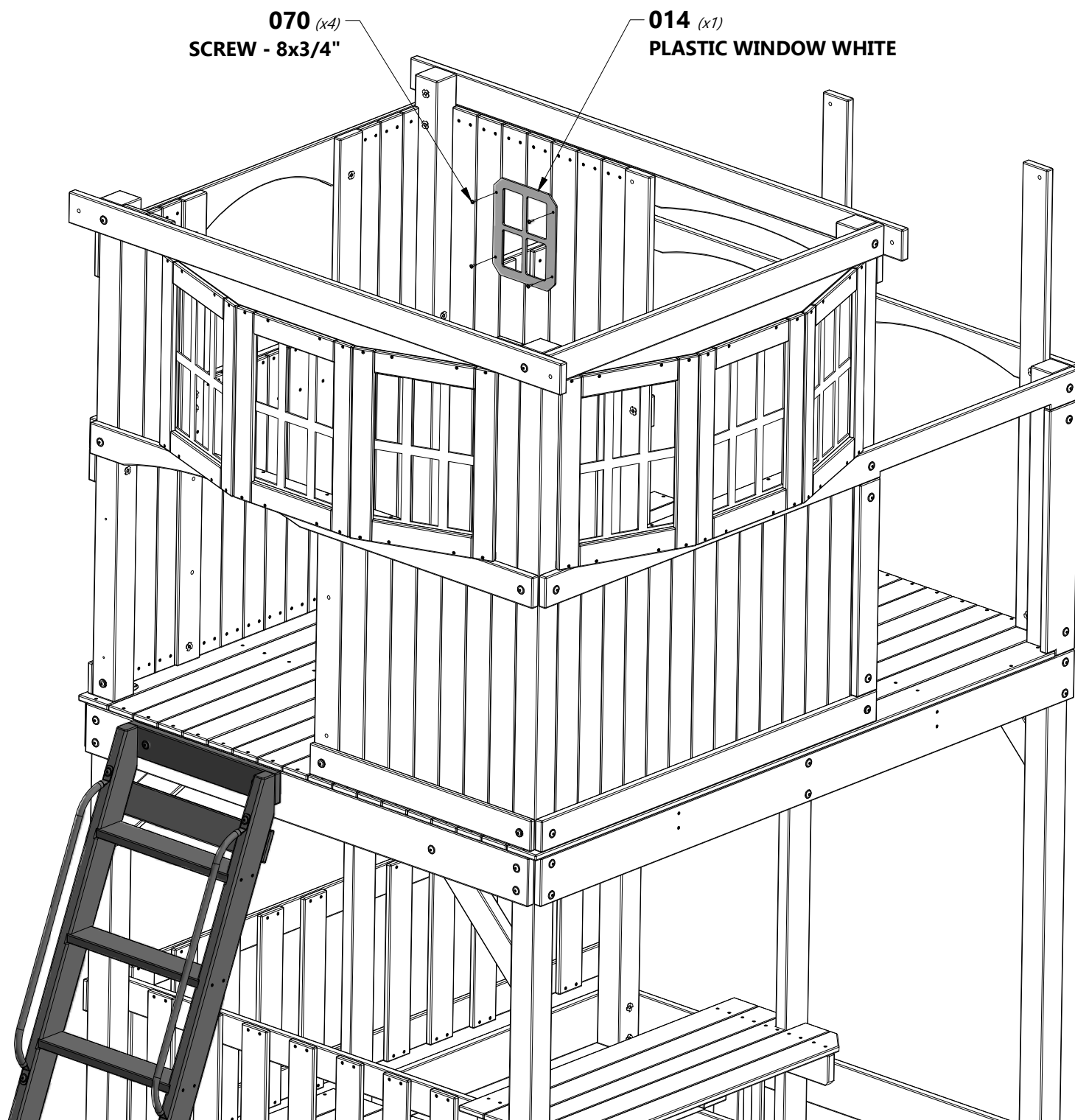




A100014 (1) PLASTIC WINDOW WHITE



H100070 (4) SCREW PWH  
8x3/4"





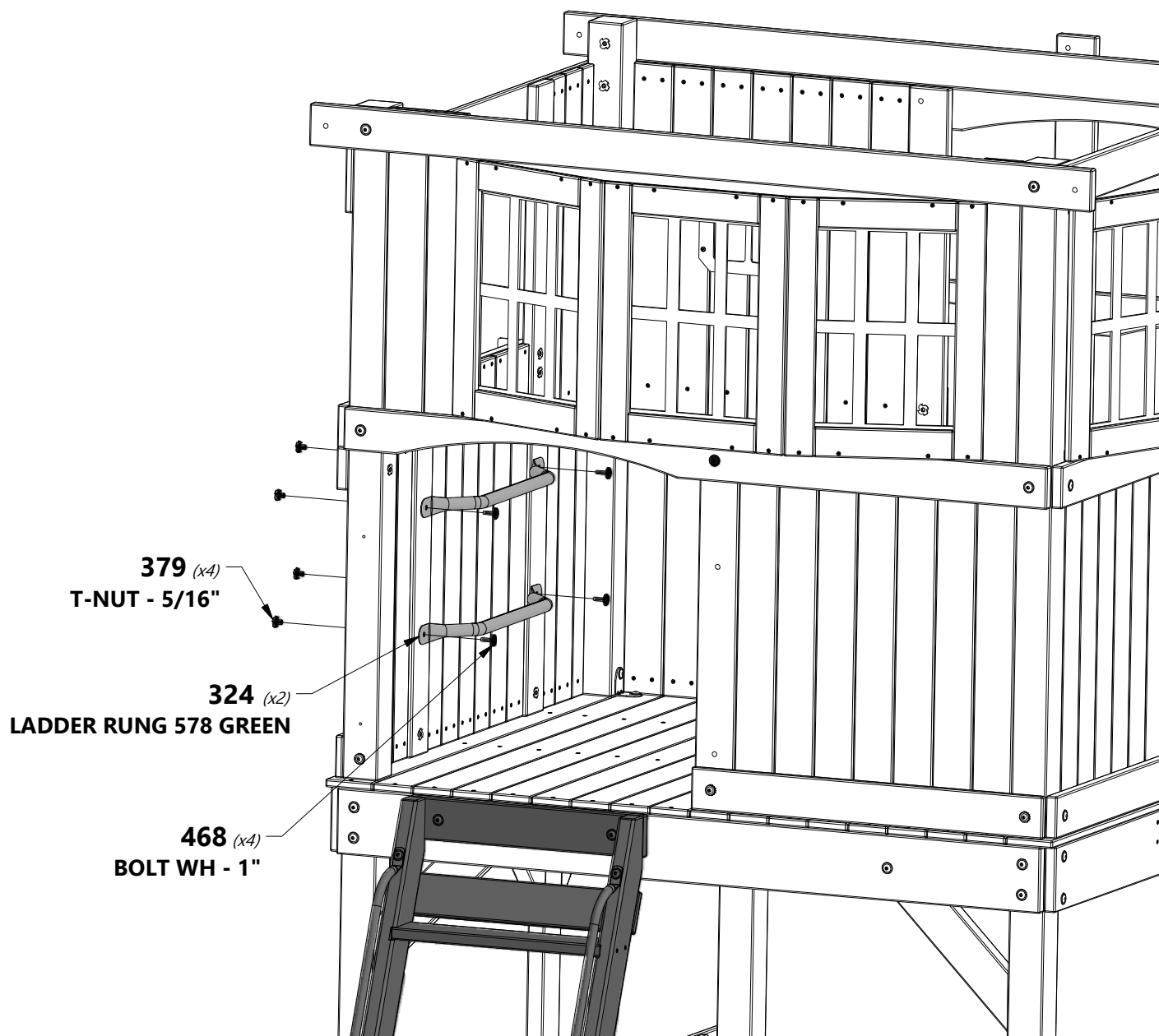
**A100324** | LADDER RUNG 578 GREEN  
(2)

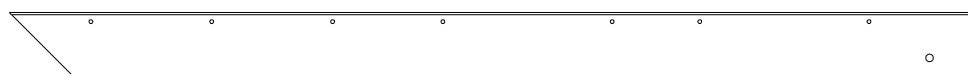


**H100468** | BOLT WH BLK  
(4) | 5/16x1



**H100379** | T-NUT BLK  
(4) | 5/16





**H12** | ROOF RAFTER - W4L12717  
(4) | 1"x3 3/8"x50 3/8" (24x86x1278)



**H100378** | BOLT WH BLK  
(4) | 5/16x1 3/4



**H100379** | T-NUT BLK  
(4) | 5/16



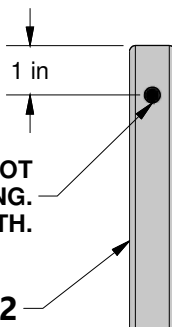
**H100483** | SCREW PFH BLK  
(2) | 8x2 1/4



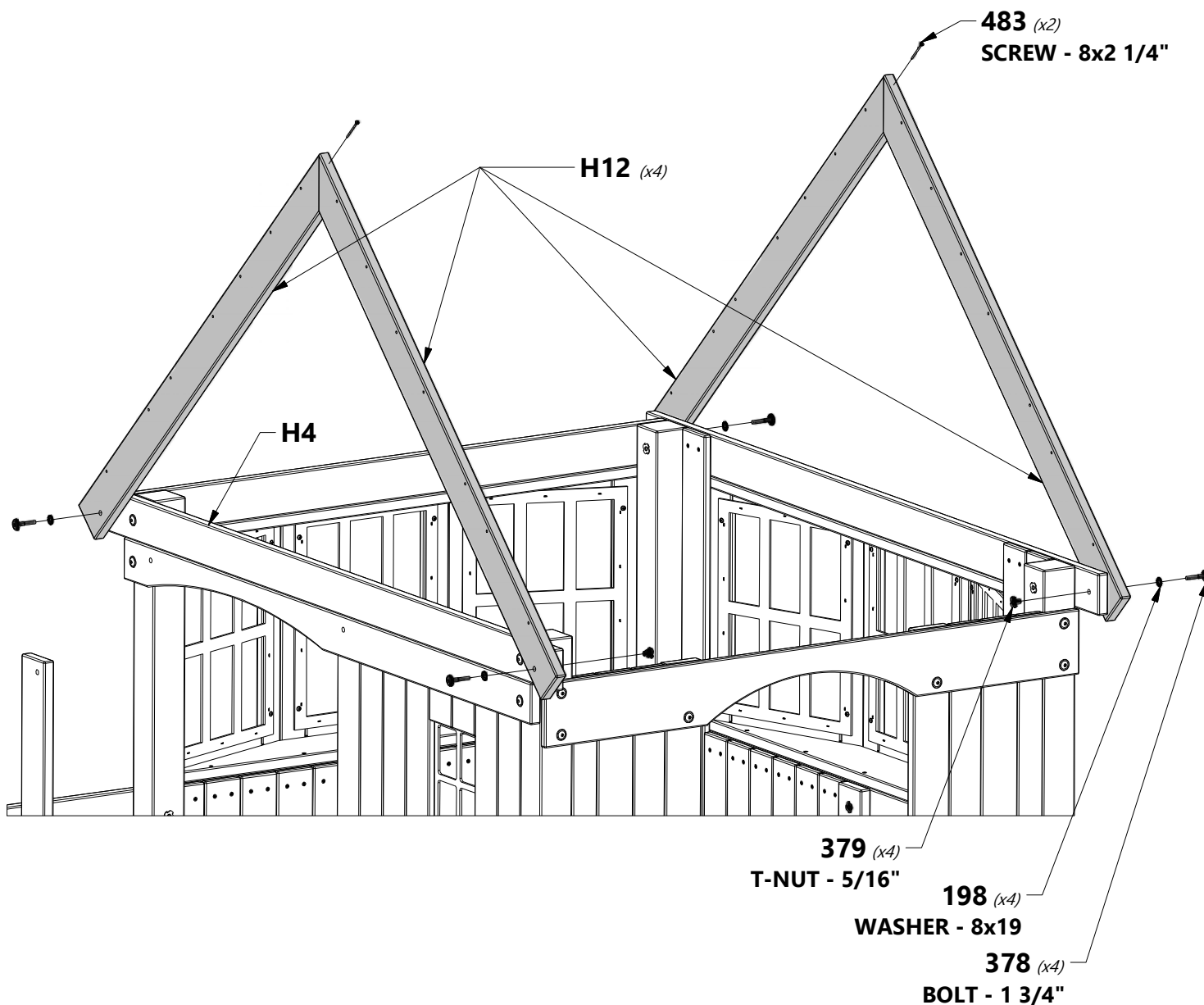
**H100198** | WASHER LOCK  
(4) | EXT BLK  
8x19



USING A 3/16" DRILL BIT, MARK AND DRILL A PILOT HOLE INTO 'H12' RAFTER TO PREVENT SPLITTING. ONLY DRILL THROUGH ONE RAFTER NOT BOTH.



**H12**





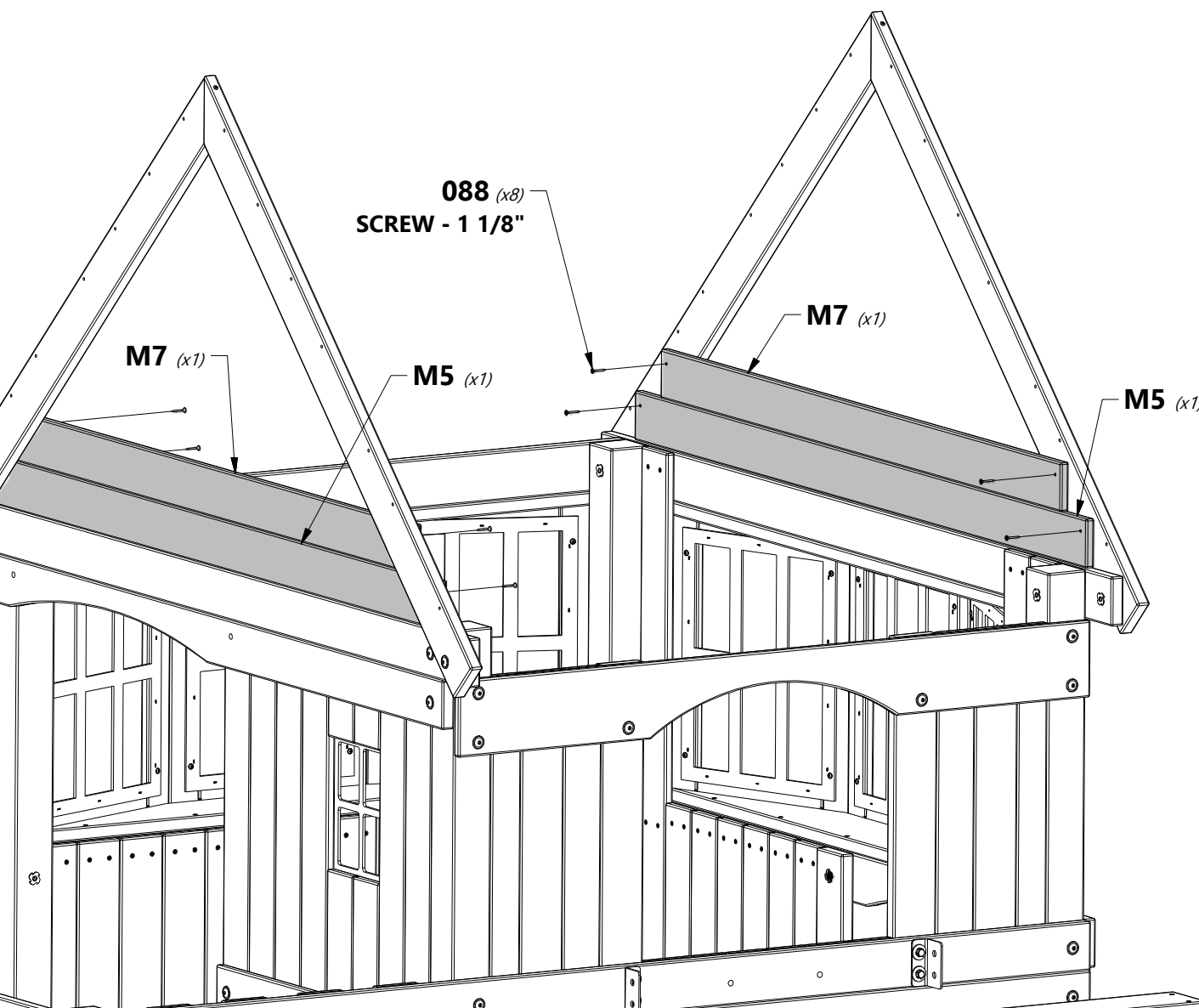
**M5** | GABLE BOARD - W4L12747  
(2) | 5/8"x3 3/8"x59 1/2" (16x86x1510)

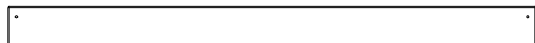


**M7** | GABLE BOARD - W4L12749  
(2) | 5/8"x3 3/8"x52 5/8" (16x86x1338)



**H100088** | SCREW PFH  
(8) | 8x1 1/8

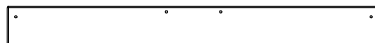




**M12** | GABLE BOARD - W4L12754  
(1) | 5/8"x3 3/8"x45 7/8" (16x86x1166)



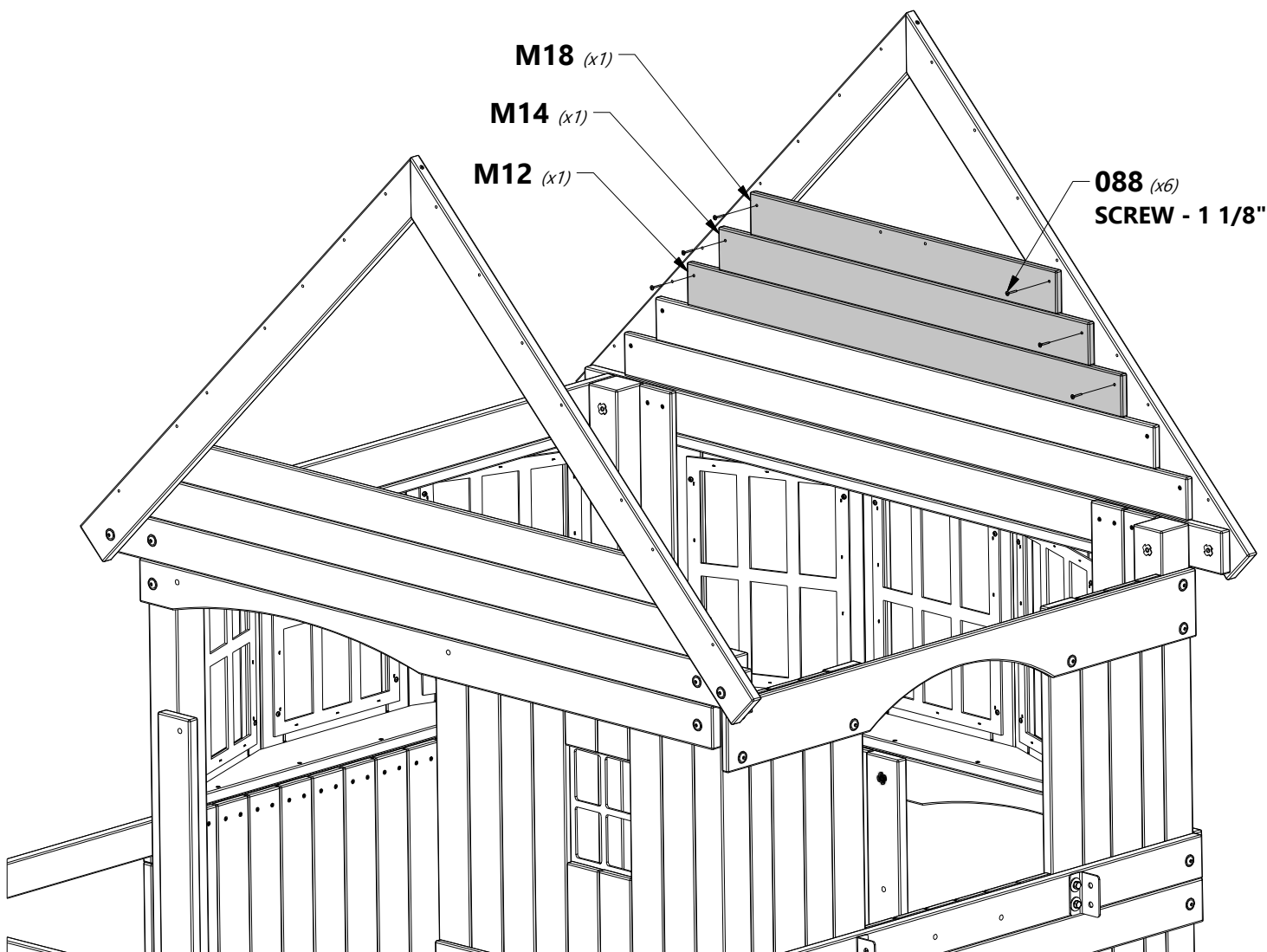
**M14** | GABLE BOARD - W4L12756  
(1) | 5/8"x3 3/8"x39 1/8" (16x86x994)

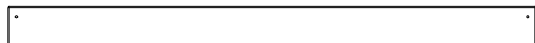


**M18** | GABLE BOARD - W4L12759  
(1) | 5/8"x3 3/8"x32 3/8" (16x86x822)



**H100088** | SCREW PFH  
(6) | 8x1 1/8

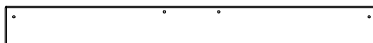




**M12** | GABLE BOARD - W4L12754  
(1) | 5/8"x3 3/8"x45 7/8" (16x86x1166)



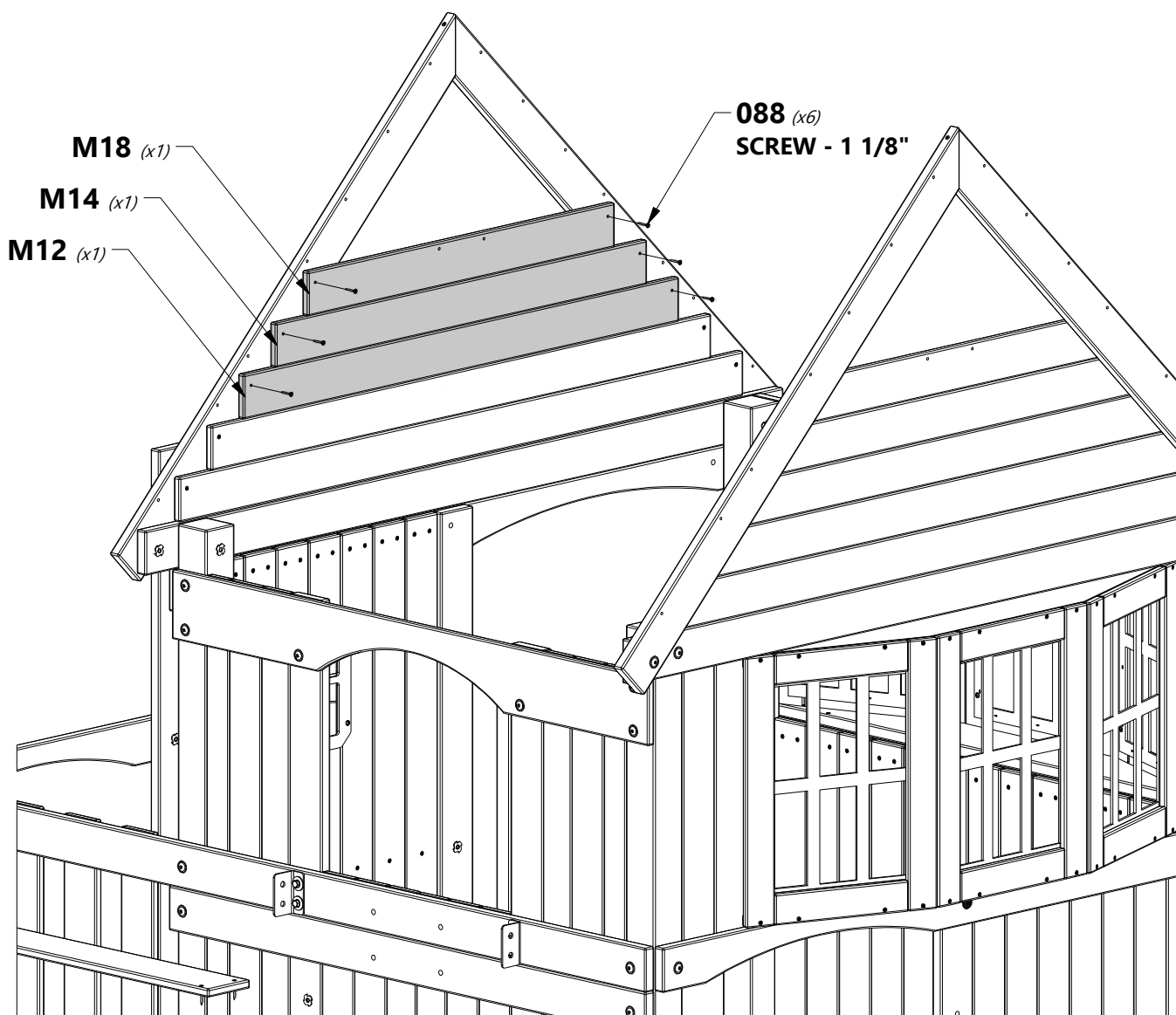
**M14** | GABLE BOARD - W4L12756  
(1) | 5/8"x3 3/8"x39 1/8" (16x86x994)

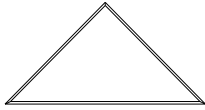


**M18** | GABLE BOARD - W4L12759  
(1) | 5/8"x3 3/8"x32 3/8" (16x86x822)

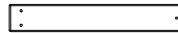


**H100088** | SCREW PFH  
(6) | 8x1 1/8





**K6** | TRIANGLE SUNBURST - W4L12741  
(2) | 5/8"x5 1/4"x10 3/8" (16x134x265)



**N5** | FRONT PORCH GABLE TRIM - W4L12780  
(2) | 5/8"x2 3/8"x15" (16x60x381)



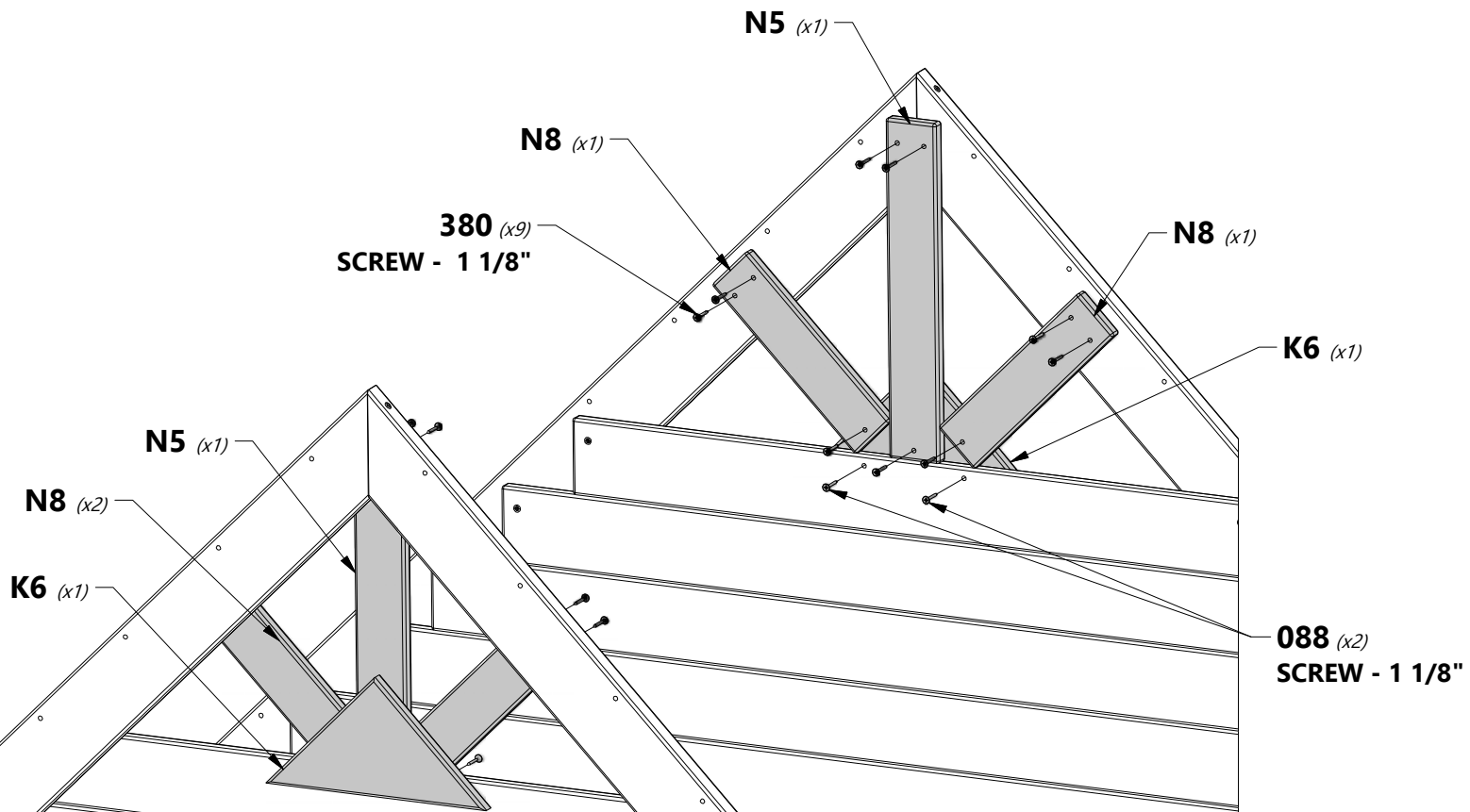
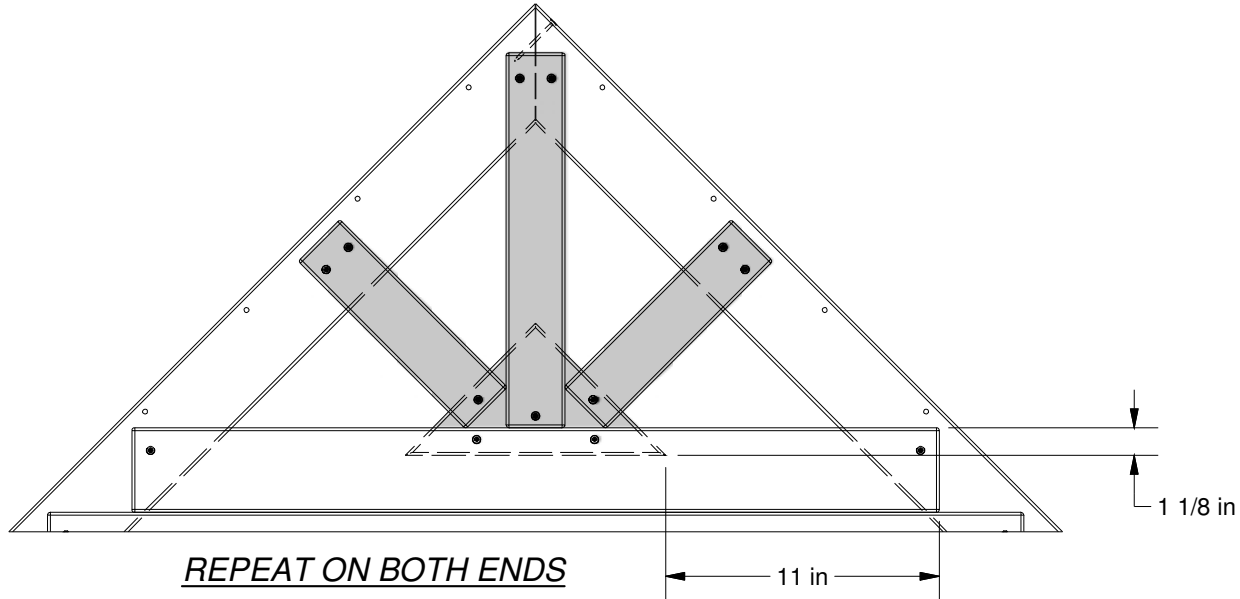
**N8** | FRONT PORCH GABLE TRIM - W4L12782  
(4) | 5/8"x2 3/8"x9 1/2" (16x60x241)



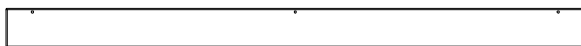
**H100380** | SCREW PFH BLK  
(18) | 8x1 1/8



**H100088** | SCREW PFH  
(4) | 8x1 1/8







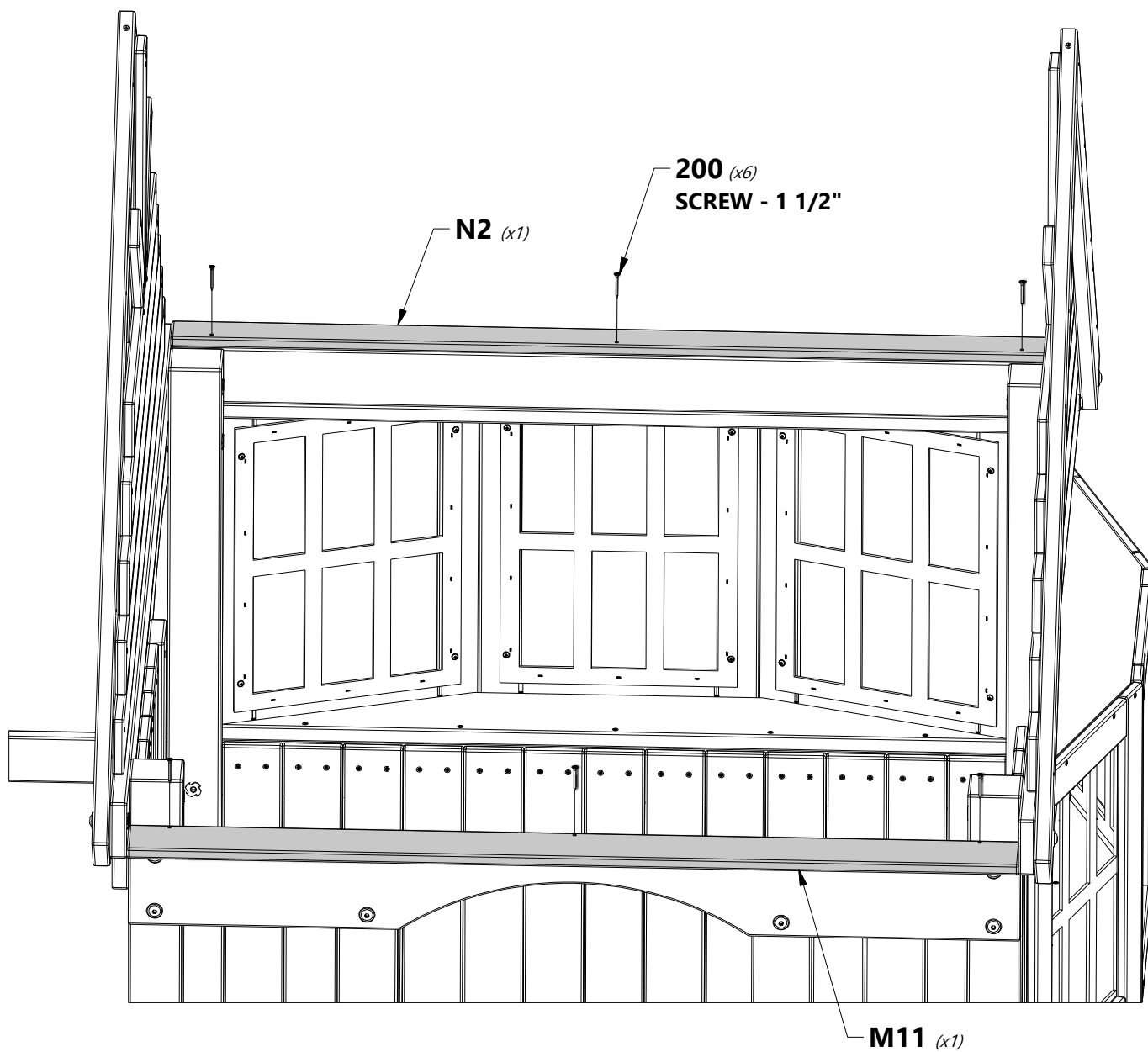
**M11** | SOFFIT CAP - W4L12753  
(1) | 5/8"x3 3/8"x50 1/4" (16x86x1277)

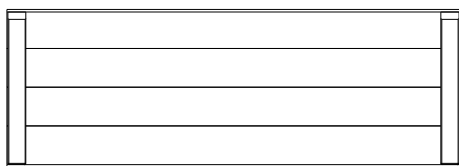


**N2** | SOFFIT CAP - W4L12777  
(1) | 5/8"x2 3/8"x50 1/4" (16x60x1277)

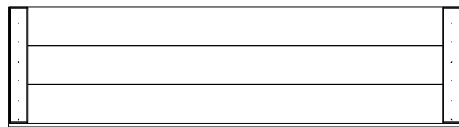


**H100200** | SCREW PFH BLK  
(6) | 8x1 1/2





**RP3** | PEAK ROOF PANEL - W2A02652  
(1) | 1 5/8"x20 5/8"x59" (42x524x1499)



**RP6** | ROOF PANEL - W2A02655  
(2) | 1 5/8"x15 5/8"x59" (42x396x1499)

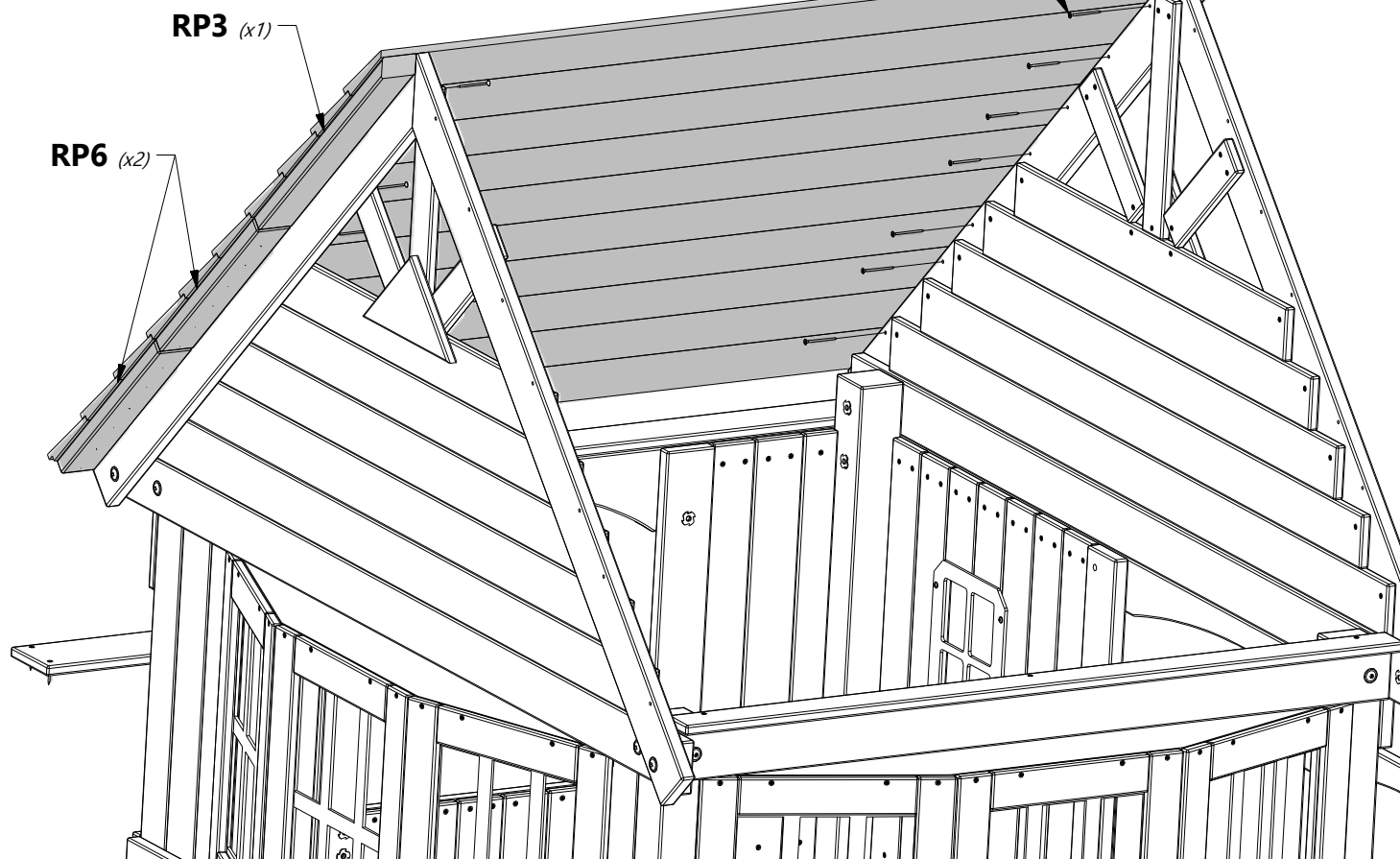


**H100483** | SCREW PFH BLK  
(14) | 8x2 1/4"



**NOTE:**  
START WITH TOP PANEL FIRST.  
FLUSH EDGES.

**483** (x14)  
SCREW - 8x2 1/4"

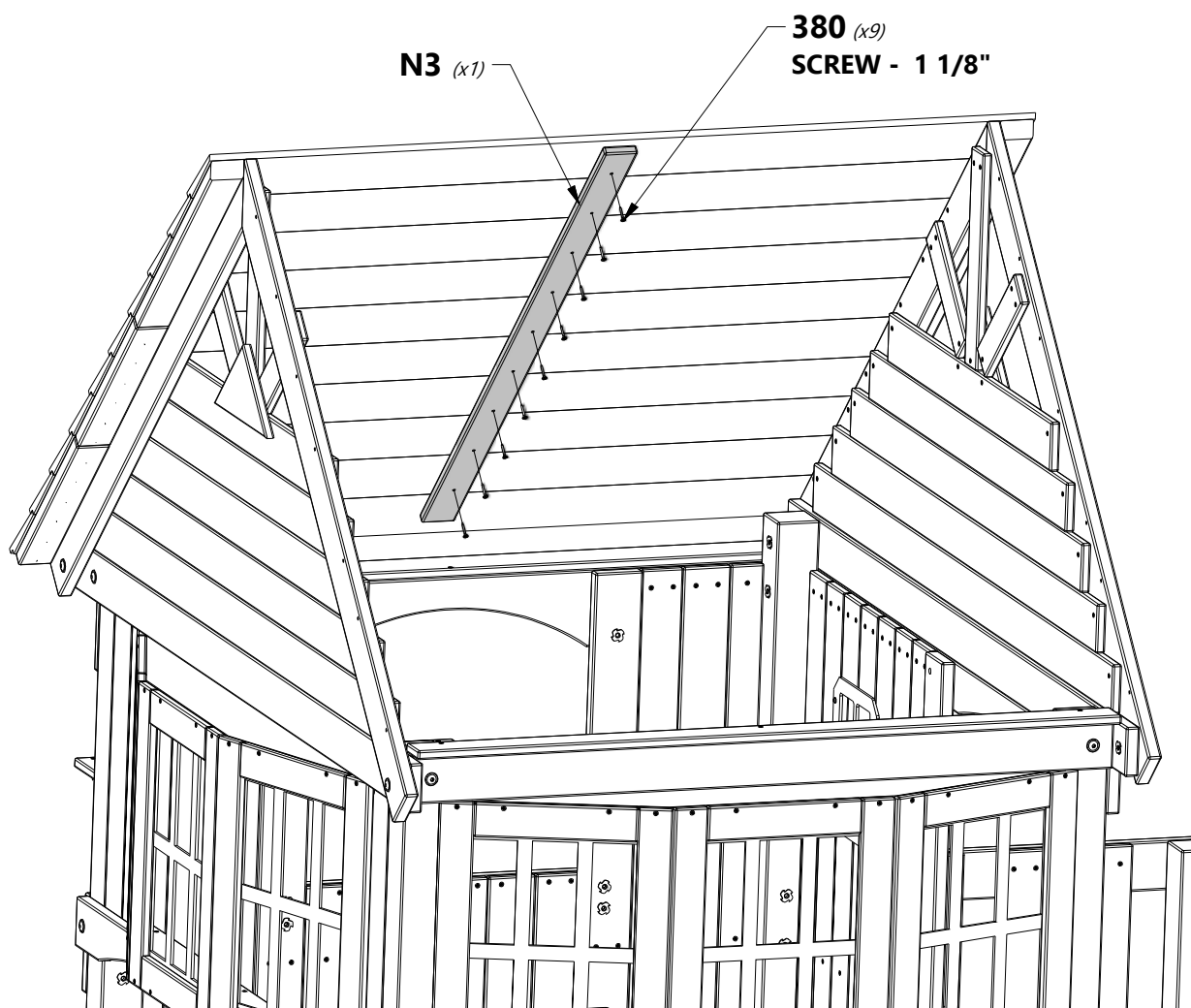
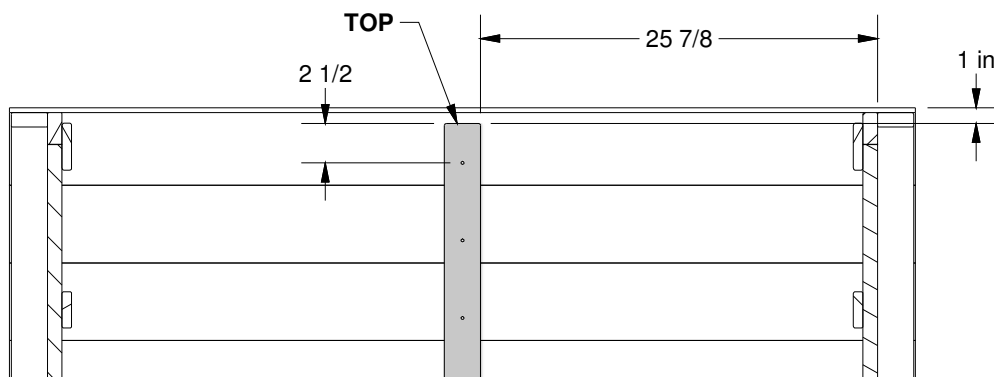




**N3 | ROOF SUPPORT - W4L12778**  
(1) 5/8"x2 3/8"x47" (16x60x1193)

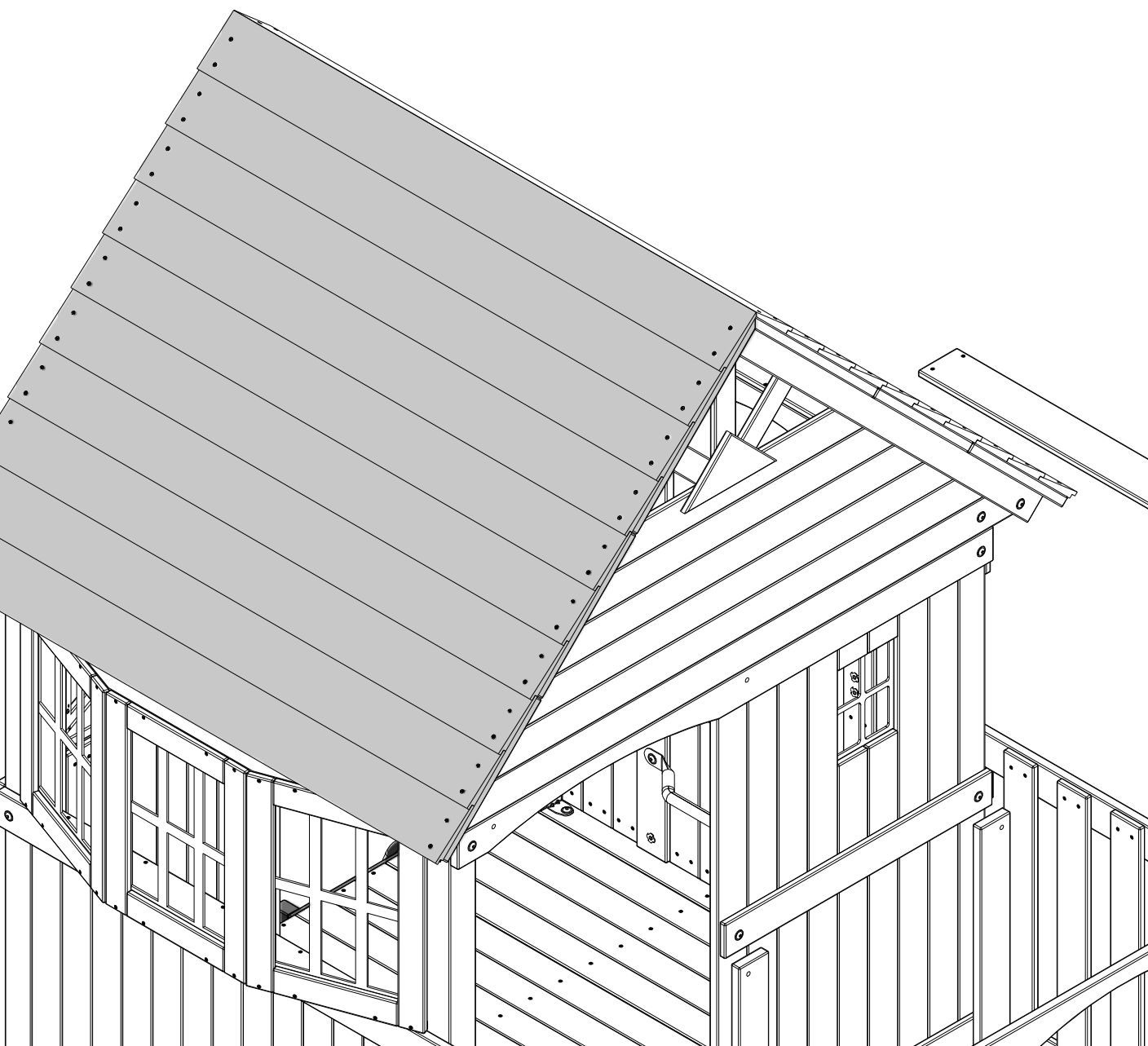


**H100380 | SCREW PFH BLK**  
(9) 8x1 1/8





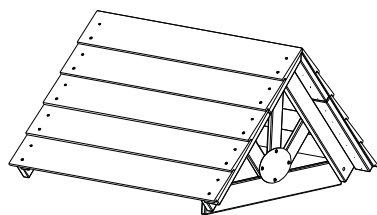
**REPEAT STEPS 48 & 49 TO ATTACH LEFT  
SIDE ROOF PANELS.**





# FORT ASSEMBLY

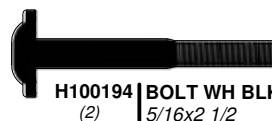
## STEP 51



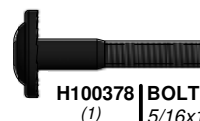
(1) PORCH ROOF ASSEMBLY



H100195 BOLT WH BLK  
(1) 5/16x2-3/4



H100194 BOLT WH BLK  
(2) 5/16x2 1/2



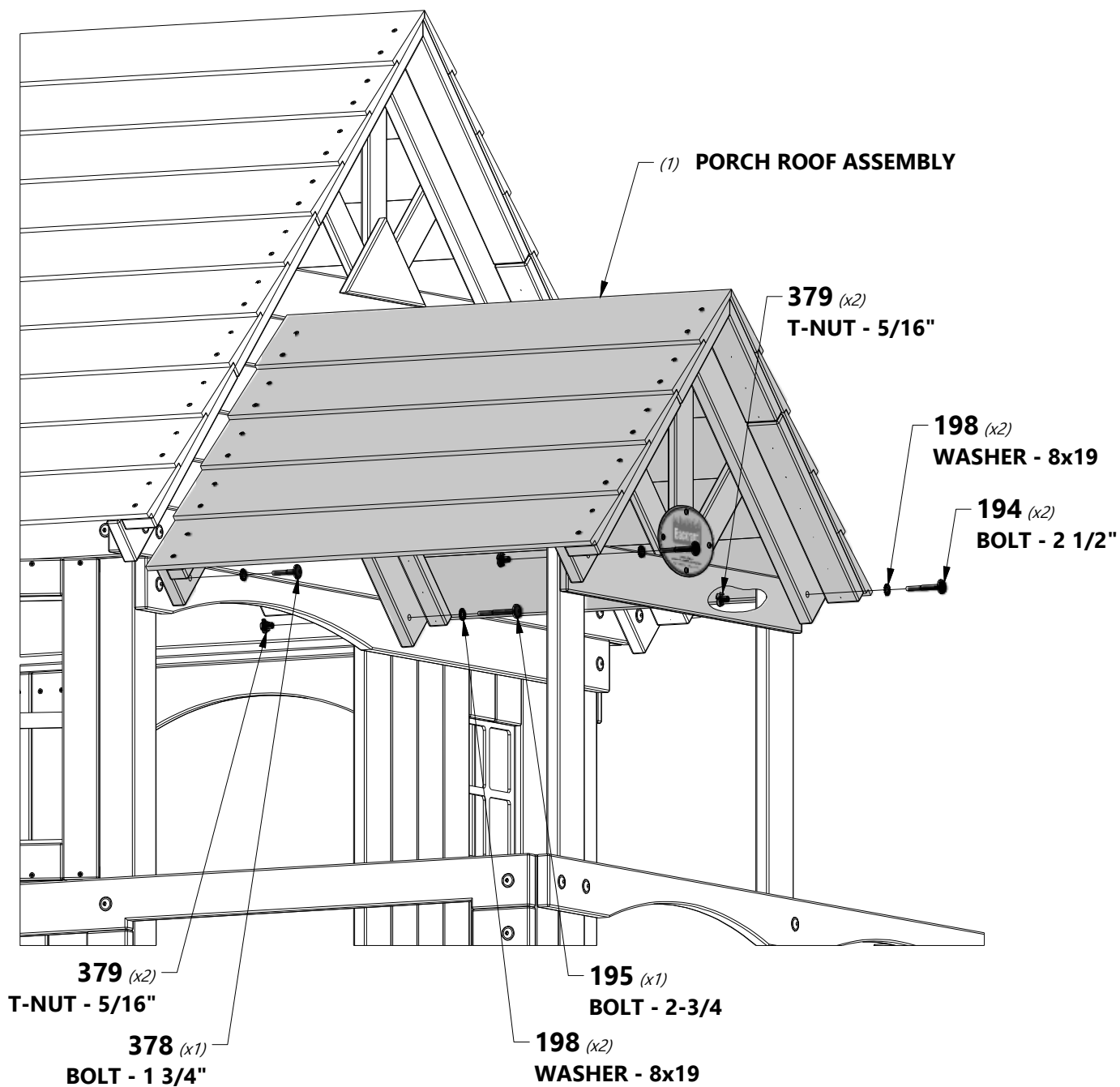
H100378 BOLT WH BLK  
(1) 5/16x1 3/4

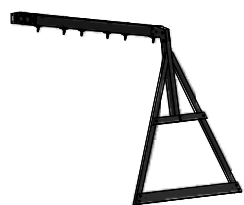


H100379 T-NUT BLK  
(4) 5/16



H100198 WASHER LOCK  
(4) EXT BLK  
8x19





(1) SWING BEAM ASSEMBLY



H100657 | BOLT HEX BLK  
(4) 5/16x1 3/4



H100478 | WASHER FLAT  
(4) BLK  
8x27



H100477 | WASHER SPLIT  
(4) BLK  
5/16



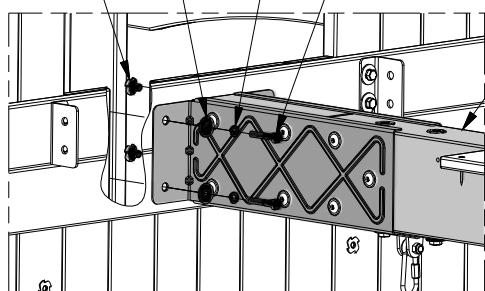
H100379 | T-NUT BLK  
(4) 5/16

478 (x4)  
WASHER - 8x27

477 (x4)  
WASHER - 5/16

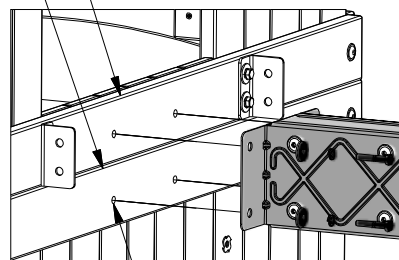
379 (x4)  
T-NUT - 5/16"

657 (x4)  
BOLT - 5/16x1 3/4

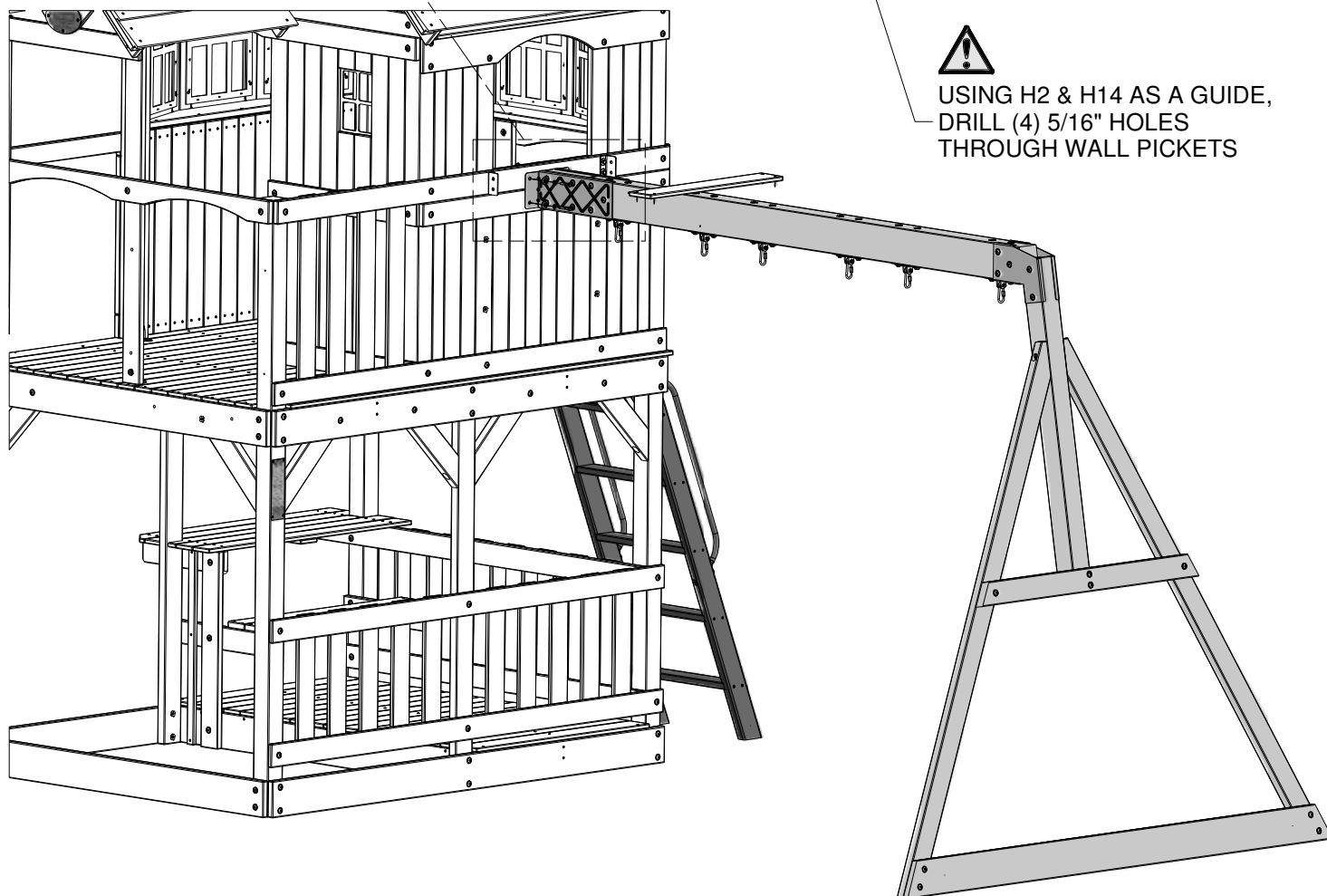


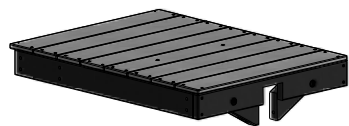
(1) SWING BEAM ASSEMBLY

H2  
H14



USING H2 & H14 AS A GUIDE,  
DRILL (4) 5/16" HOLES  
THROUGH WALL PICKETS





(1) CROWS NEST DECK ASSEMBLY



H100197 | LAG SCREW WH BLK  
(2) 5/16x2 1/2



H100192 | NUT BARREL WH BLK  
(4) 5/16x7/8



H100481 | BOLT HEX BLK  
(4) 5/16x1 1/4



H100086 | SCREW PFH  
(2) 8x1 1/2



H100478 | WASHER FLAT BLK  
(4) 8x27



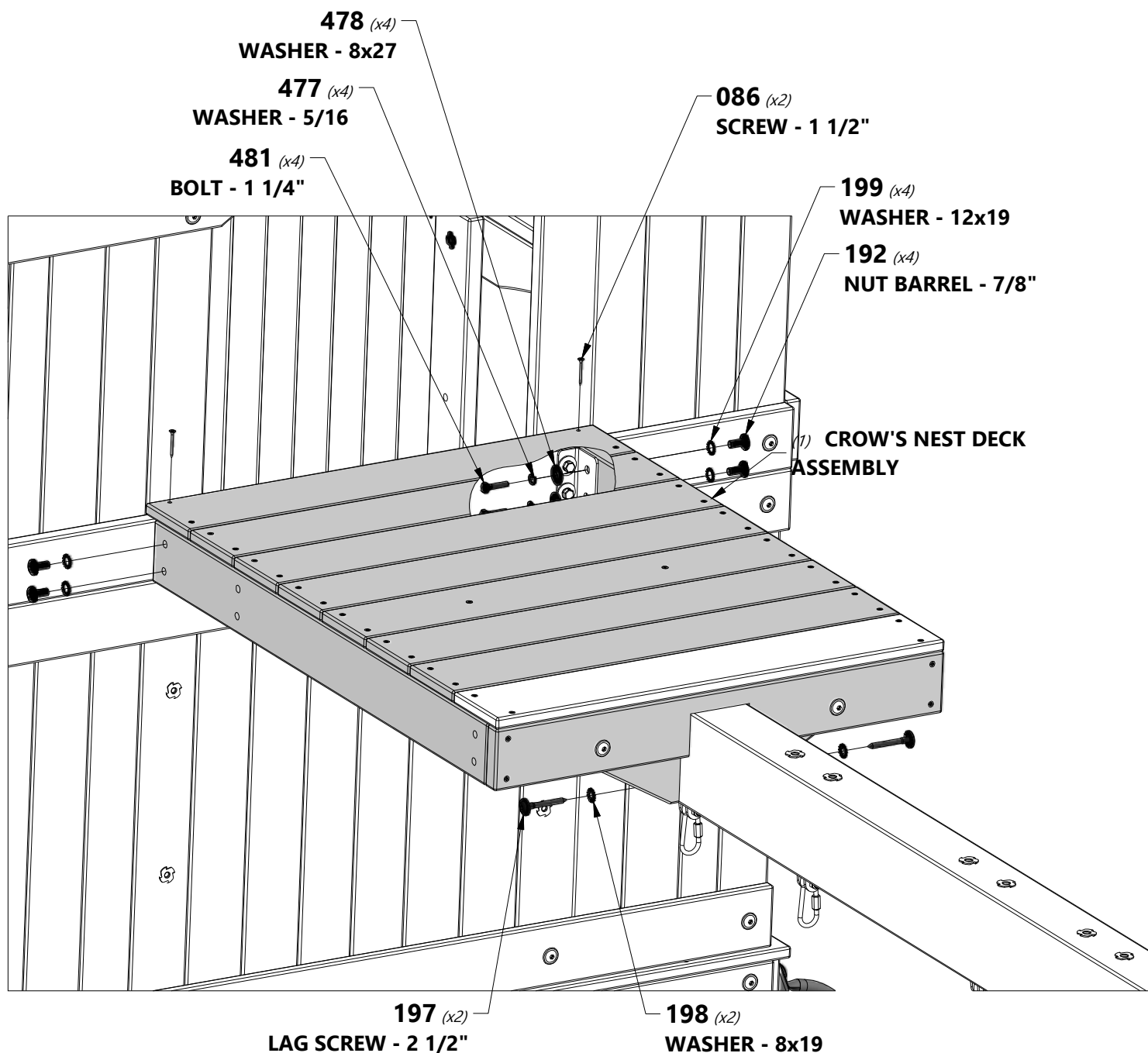
H100477 | WASHER SPLIT BLK  
(4) 5/16



H100198 | WASHER LOCK EXT BLK  
(2) 8x19



H100199 | WASHER LOCK EXT BLK  
(4) 12x19





A100396  
(2) | L BRACKET 51x32x82x3.175



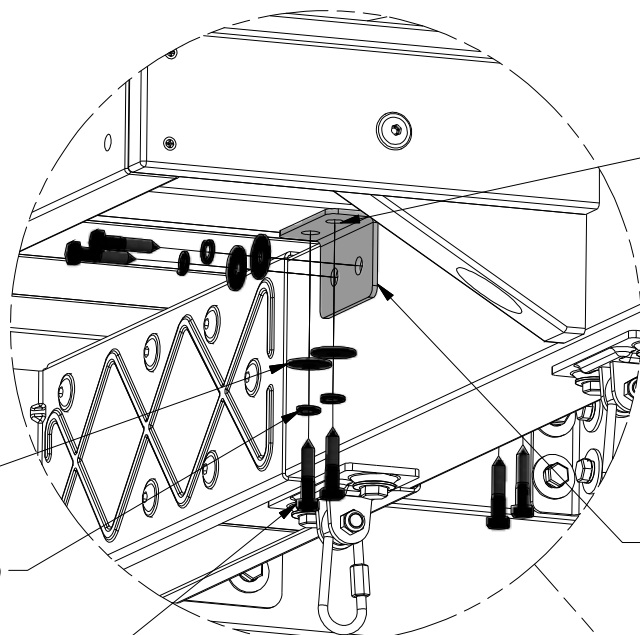
H100659 | LAG SCREW BLK  
(8) | 5/16x1 1/2



H100477 | WASHER SPLIT  
(8) | BLK  
5/16



H100478 | WASHER FLAT  
(8) | BLK  
8x27



USING BRACKET AS A GUIDE.  
DRILL 3/16" DIA PILOT HOLES 1" IN DEPTH.  
(2 PLCS EACH SIDE).

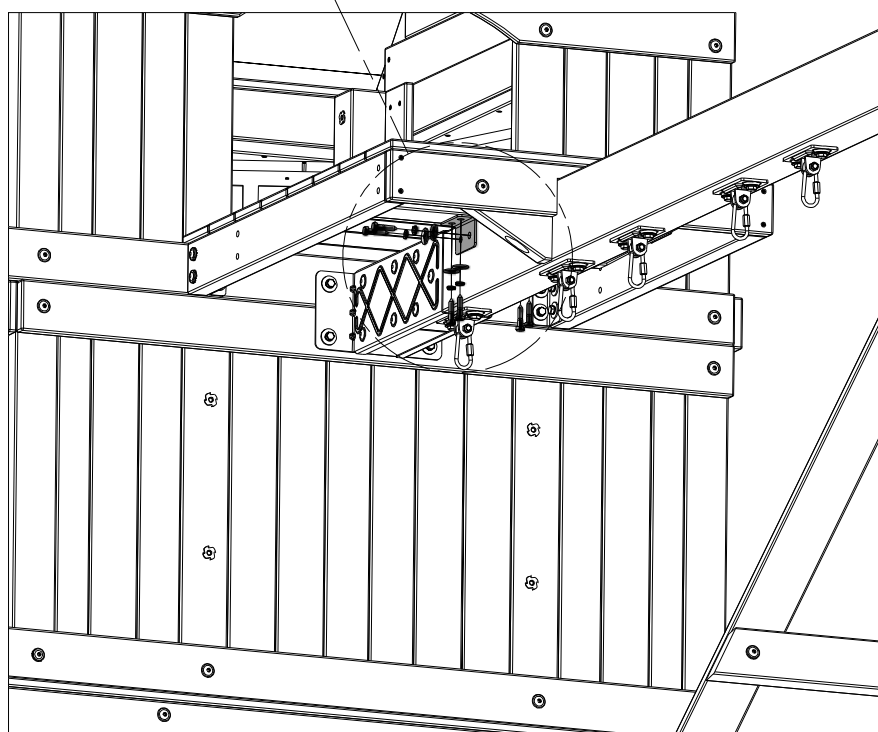
478 (x4)  
WASHER - 8x27

477 (x4)  
WASHER - 5/16

659 (x4)  
LAG SCREW - 1 1/2"

396 (x2)  
L BRACKET 51x32x82x3.175

REPEAT ON OTHER SIDE







**F3** | CROWS NEST WALL SUPPORT - W4L12697  
(2) | 1 3/8"x2 3/8"x37 1/2" (36x60x952)



**F2** | CROWS NEST WALL SUPPORT - W4L12696  
(2) | 1 3/8"x2 3/8"x37 1/2" (36x60x952)



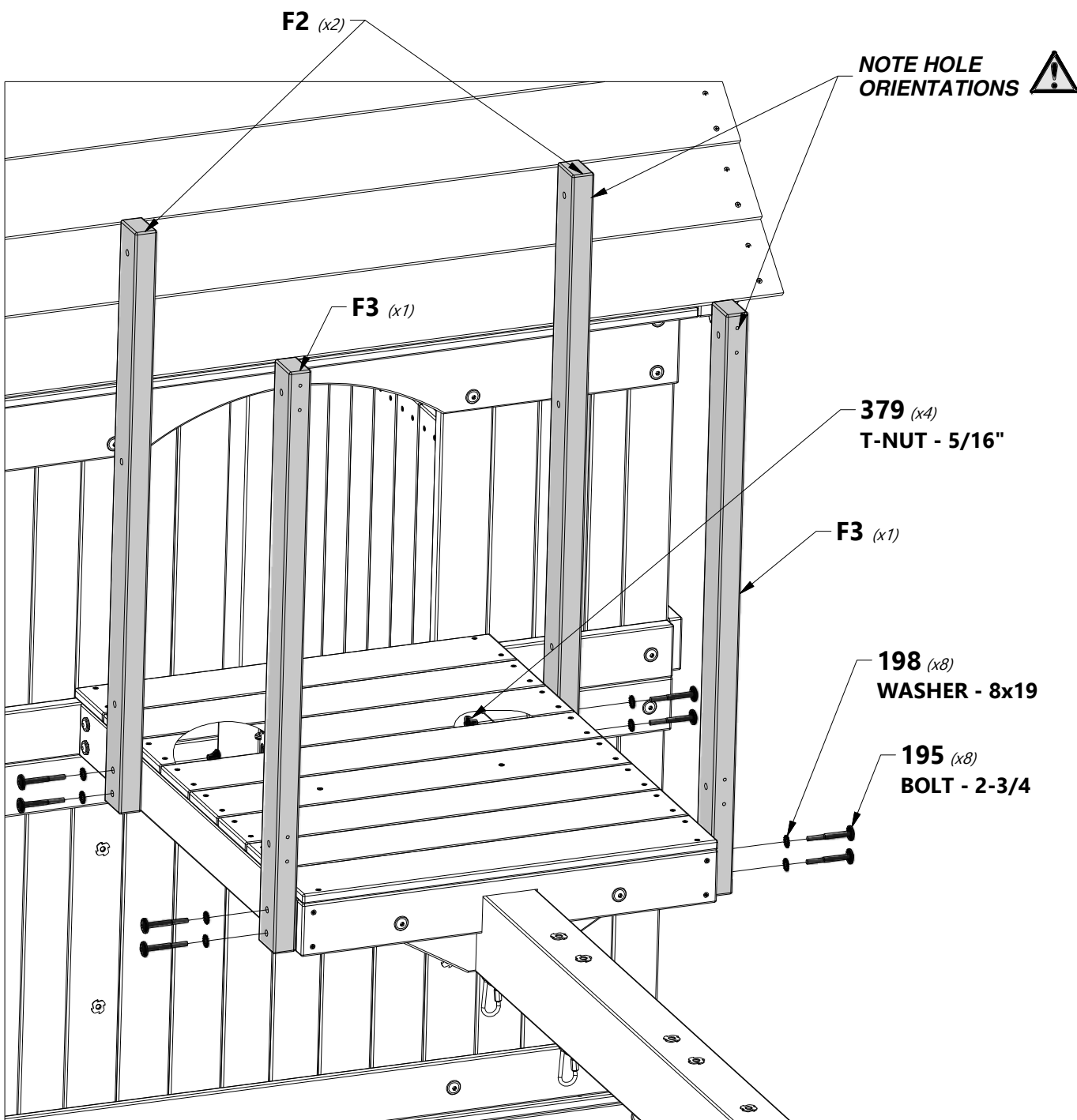
**H100195** | BOLT WH BLK  
(8) | 5/16x2-3/4



**H100379** | T-NUT BLK  
(4) | 5/16



**H100198** | WASHER LOCK  
(8) | EXT BLK  
8x19





# FORT ASSEMBLY

## STEP 56



**H31** CROWS NEST WALL RAIL - W4L12734  
(2) 1"x3 3/8"x34 1/2" (24x86x876)



**H30** CROWS NEST WALL RAIL - W4L12733  
(1) 1"x3 3/8"x29 7/8" (24x86x758)



**H100197** LAG SCREW WH BLK  
(4) 5/16x2 1/2



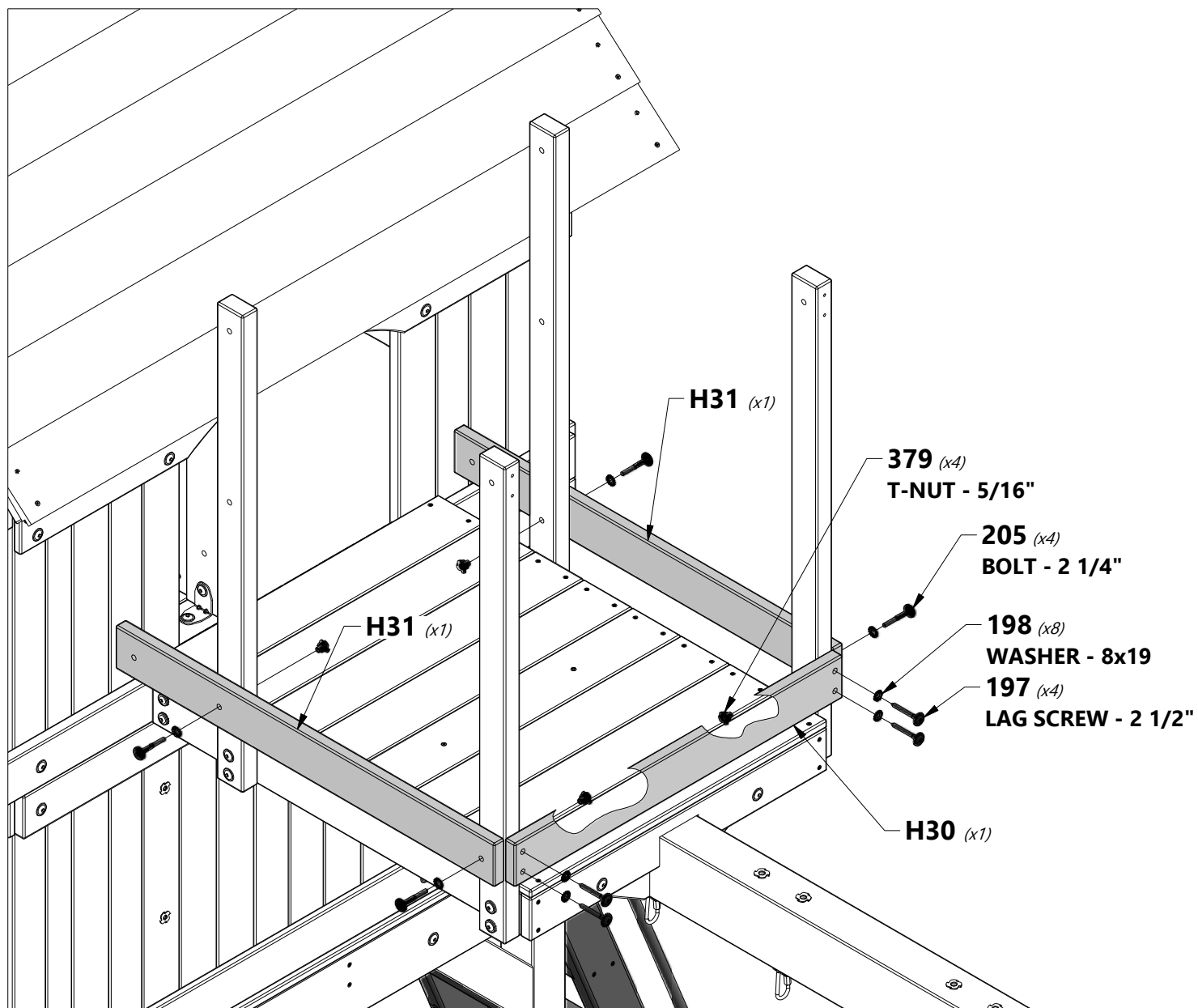
**H100205** BOLT WH BLK  
(4) 5/16x2-1/4



**H100379** T-NUT BLK  
(4) 5/16



**H100198** WASHER LOCK  
(8) EXT BLK  
8x19





**A100340 | L BRACKET**  
(2) 2.5x38x50x55



**H100468 | BOLT WH BLK**  
(2) 5/16x1



**H100396 | BOLT WH BLK**  
(2) 5/16x1/2



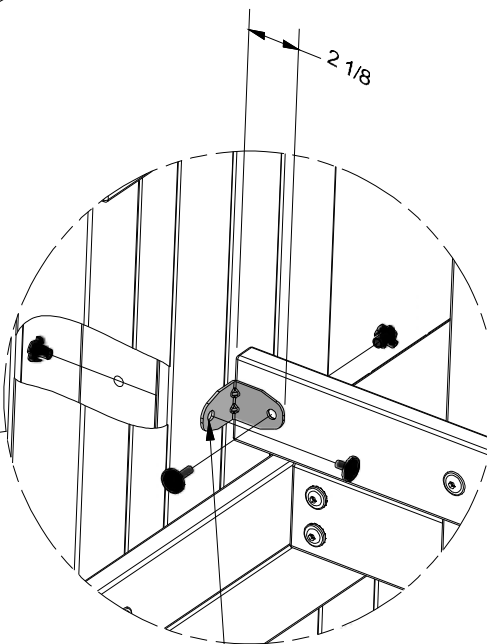
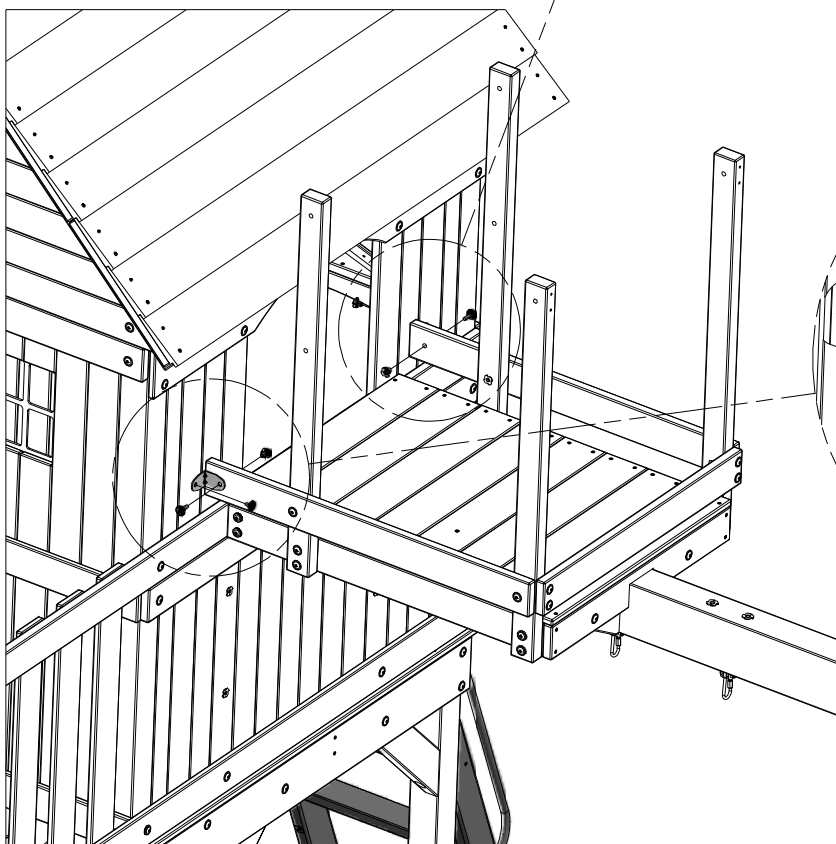
**H100379 | T-NUT BLK**  
(4) 5/16

**340 (x2)**  
**L BRACKET 2.5x38x50x55**

**468 (x2)**  
**BOLT WH - 1"**

**379 (x4)**  
**T-NUT - 5/16"**

**396 (x2)**  
**BOLT - 1/2"**



**USING BRACKETS AS A GUIDE,  
DRILL 3/8" HOLES THROUGH  
WALL BOARD.**



**M4** | CROWS NEST WALL RAIL - W4L12746  
(2) | 5/8"x3 3/8"x29 7/8" (16x86x758)



**H29** | CROWS NEST WALL RAIL - W4L12732  
(2) | 1"x3 3/8"x26 1/4" (24x86x666)



**H30** | CROWS NEST WALL RAIL - W4L12733  
(1) | 1"x3 3/8"x29 7/8" (24x86x758)



**H100205** | BOLT WH BLK  
(4) | 5/16x2-1/4



**H100197** | LAG SCREW WH BLK  
(4) | 5/16x2 1/2



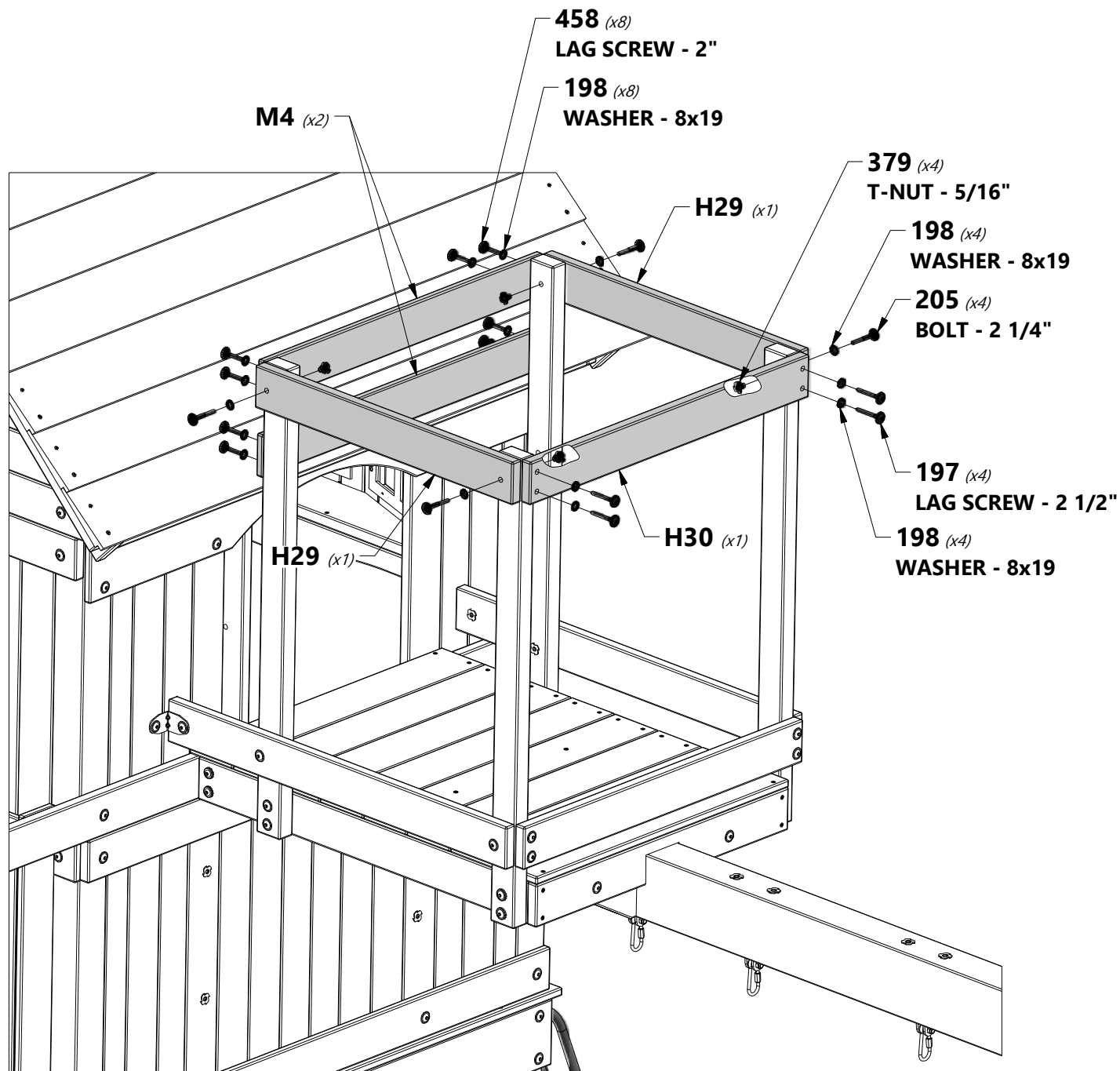
**H100458** | LAG SCREW WH BLK  
(8) | 5/16x2

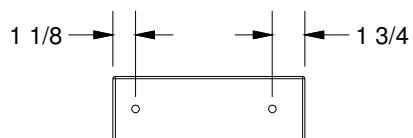


**H100198** | WASHER LOCK  
(16) | EXT BLK  
8x19



**H100379** | T-NUT BLK  
(4) | 5/16





**M32** | CROWS NEST WALL RAIL - W4L12768  
(2) | 5/8"x3 3/8"x10" (16x86x254)



**A100340** | L BRACKET  
(2) | 2.5x38x50x55



**H100457** | BOLT WH BLK  
(2) | 5/16x2



**H100459** | BOLT WH BLK  
(2) | 5/16x1 1/4



**H100396** | BOLT WH BLK  
(2) | 5/16x1/2



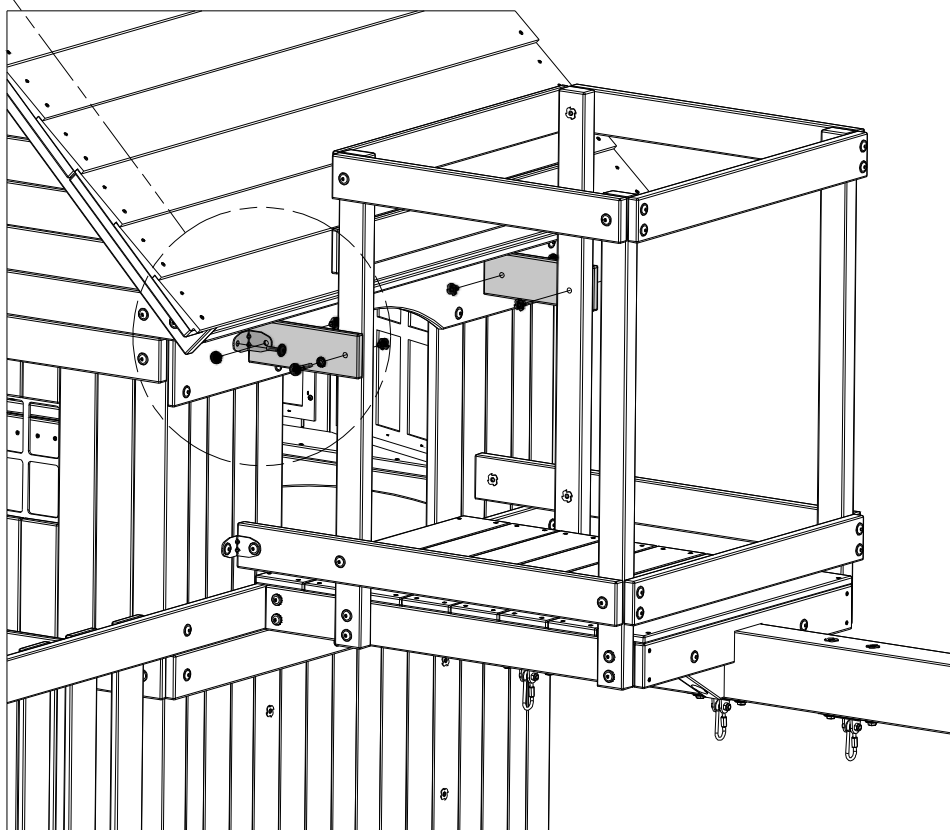
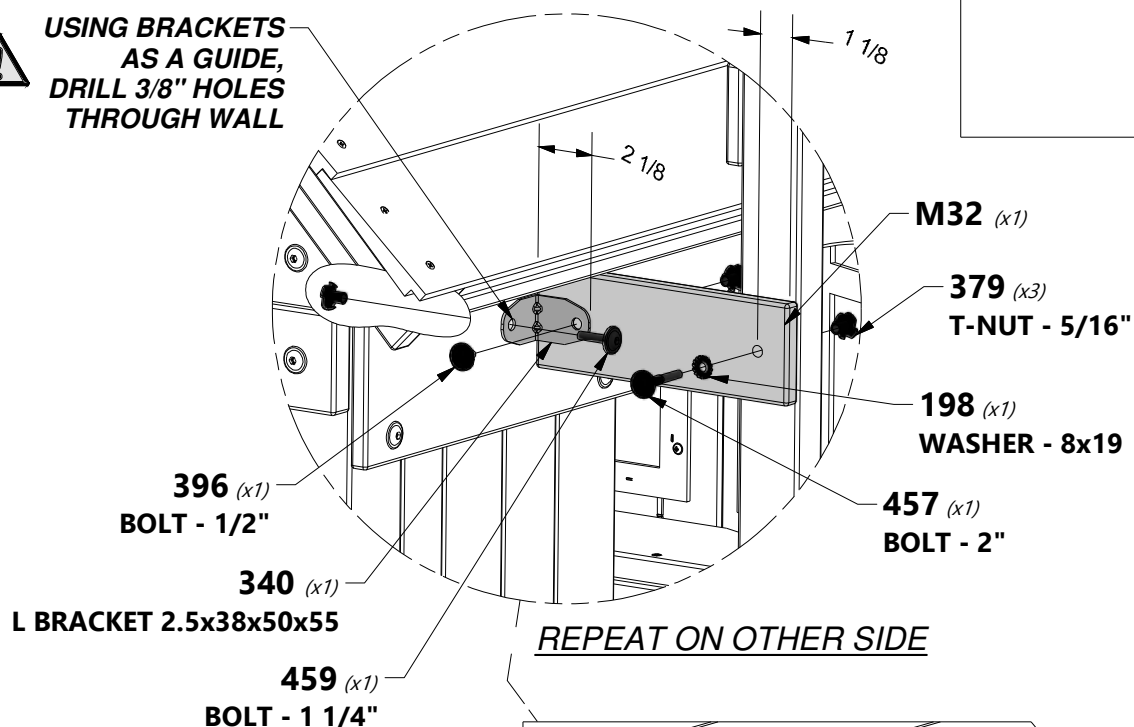
**H100379** | T-NUT BLK  
(6) | 5/16



**H100198** | WASHER LOCK  
(2) | EXT BLK  
8x19



**USING BRACKETS  
AS A GUIDE,  
DRILL 3/8" HOLES  
THROUGH WALL**

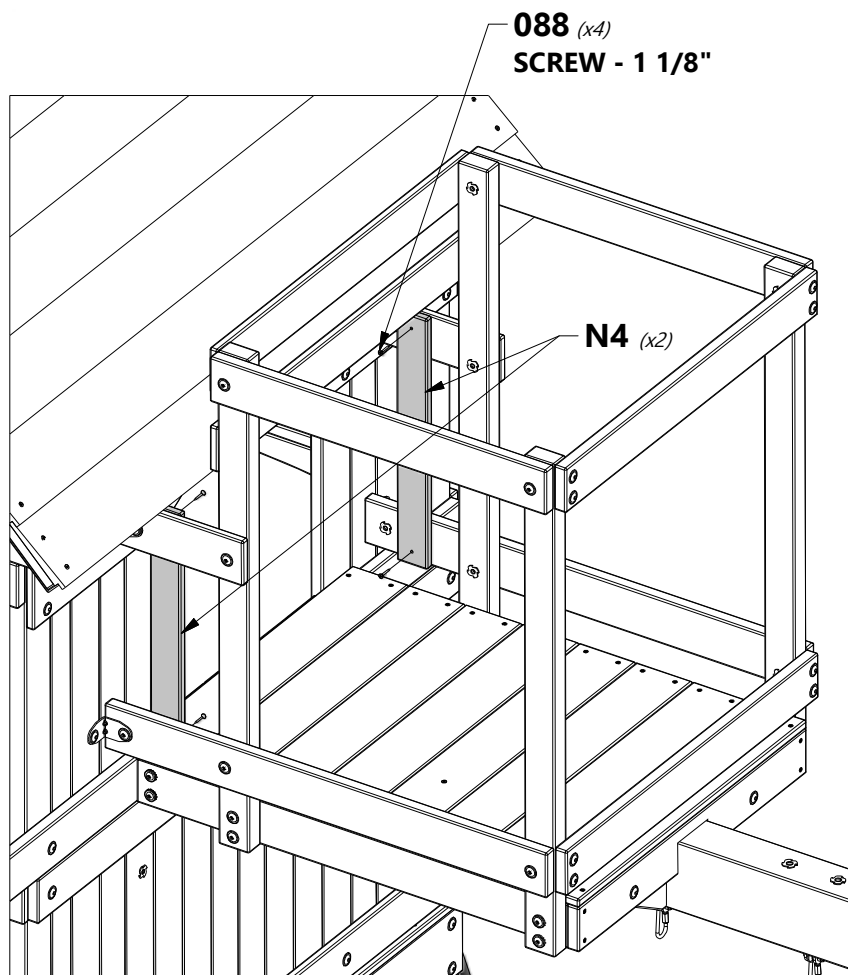
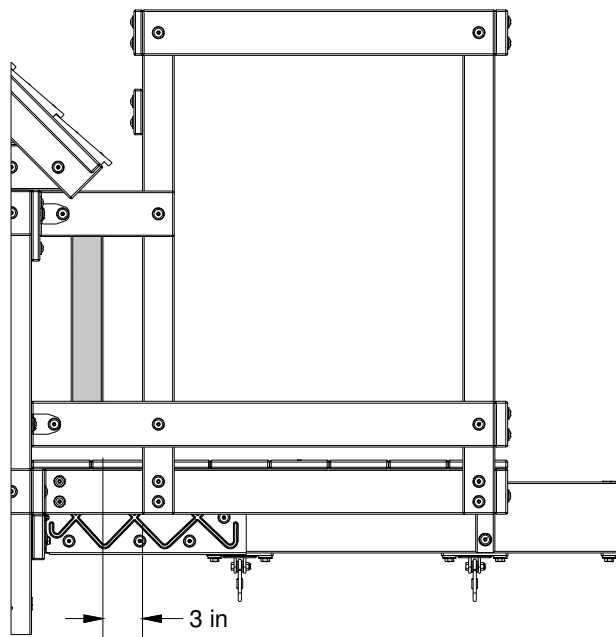




**N4** | CROWS NEST WALL BOARD - W4L12779  
(2) | 5/8"x2 3/8"x19" (16x60x483)



**H100088** | SCREW PFH  
(4) | 8x1 1/8



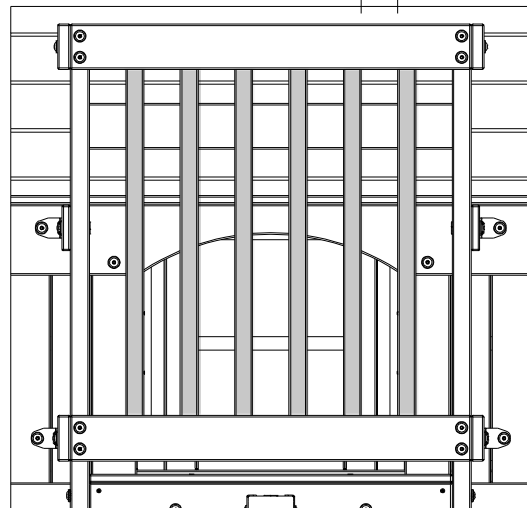


**O1** | CROWS NEST WALL BOARD - W4L12783  
(6) | 5/8"x1 3/8"x32 1/2" (16x34x825)



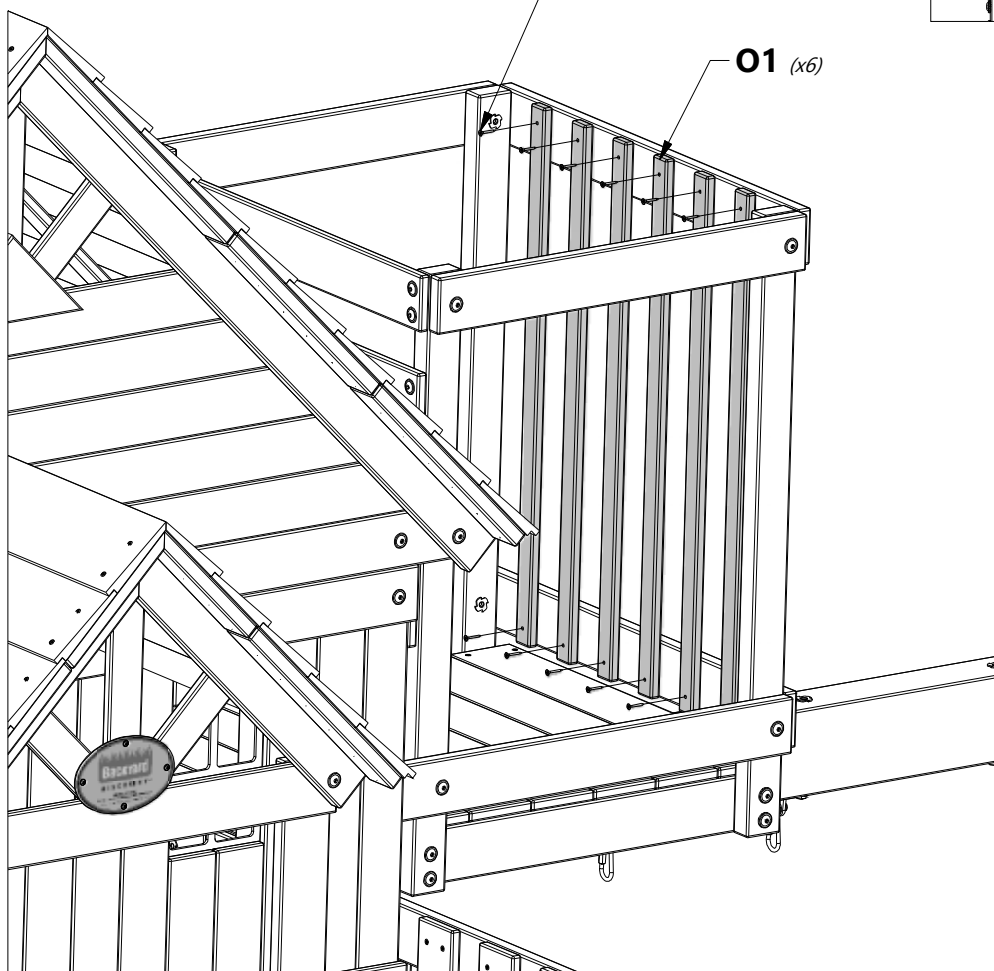
**H100088** | SCREW PFH  
(12) | 8x1 1/8

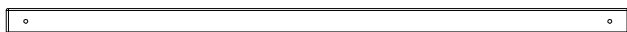
2 3/4 in  
EQUAL SPACING



**088** (x12)  
SCREW - 1 1/8"

**O1** (x6)



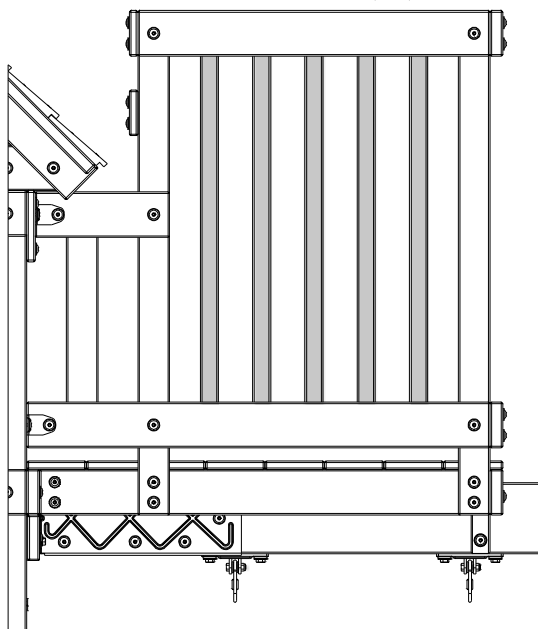


**O1** | CROWS NEST WALL BOARD - W4L12783  
(10) | 5/8"x1 3/8"x32 1/2" (16x34x825)

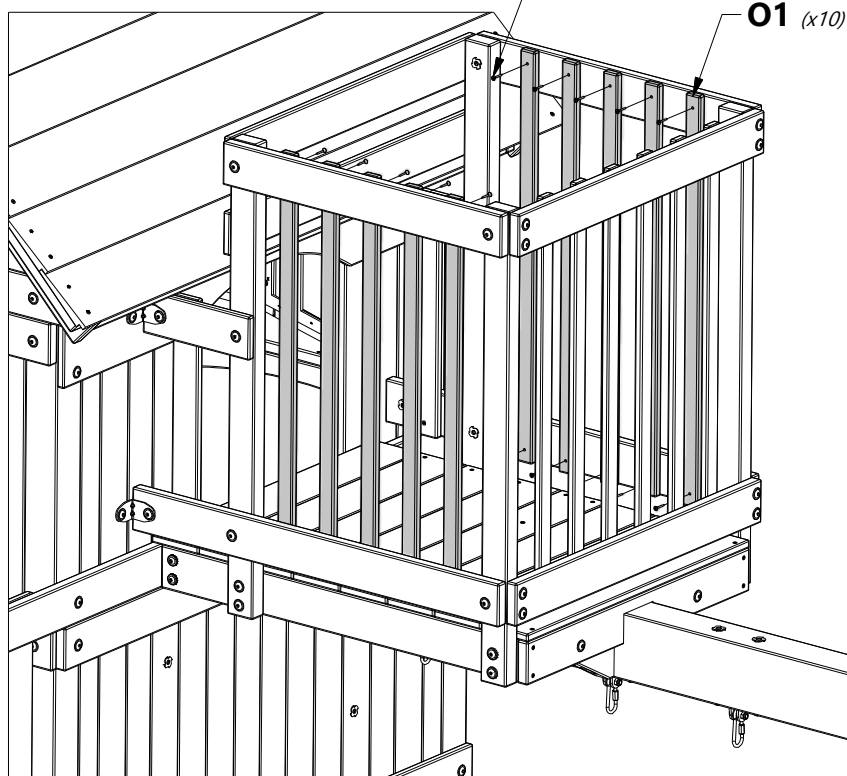


**H100088** | SCREW PFH  
(20) | 8x1 1/8"

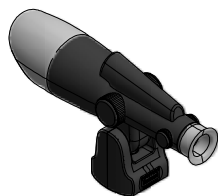
2 1/2 in  
EQUAL  
SPACING



**088** (x20)  
SCREW - 1 1/8"



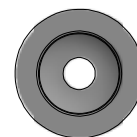
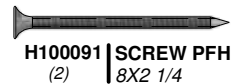
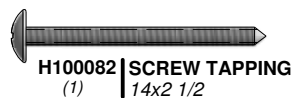




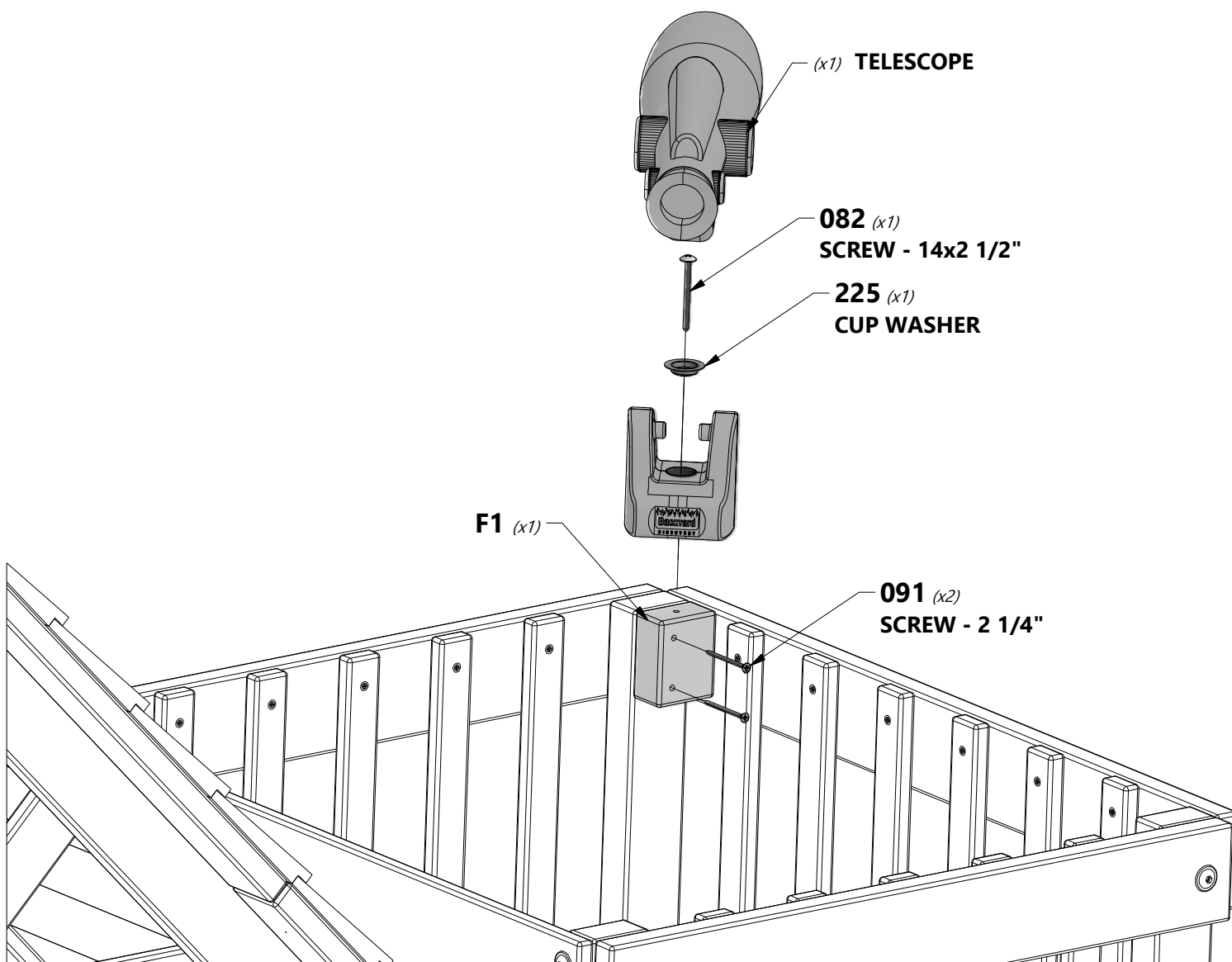
(1) TELESCOPE



**F1** | TELESCOPE MOUNTING BLOCK - W4L12695  
(1) | 1 3/8"x2 3/8"x3" (36x60x76)



**H100225** | FLANGE CUP  
(1) | WASHER  
9x34





**A100118**  
(4) | **HAND GRIP METAL GREEN 381 c/c**



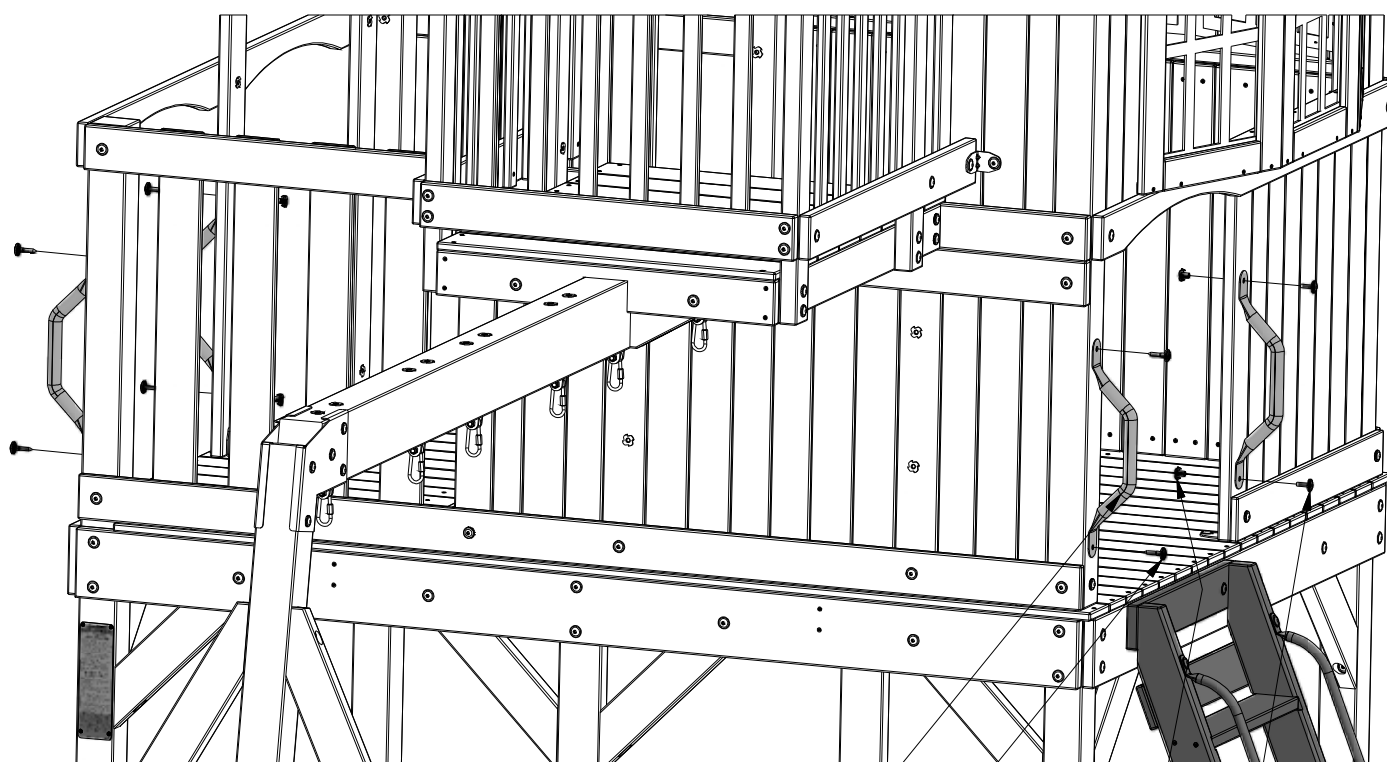
**H100471**  
(4) | **LAG SCREW WH BLK**  
5/16x1 1/2



**H100468**  
(4) | **BOLT WH BLK**  
5/16x1



**H100379**  
(4) | **T-NUT BLK**  
5/16

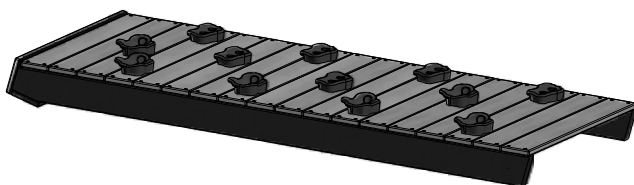


**118 (x4)**  
**HAND GRIP METAL GREEN 381 c/c**

**471 (x4)**  
**LAG SCREW - 1 1/2"**

**379 (x4)**  
**T-NUT - 5/16"**

**468 (x4)**  
**BOLT WH - 1"**



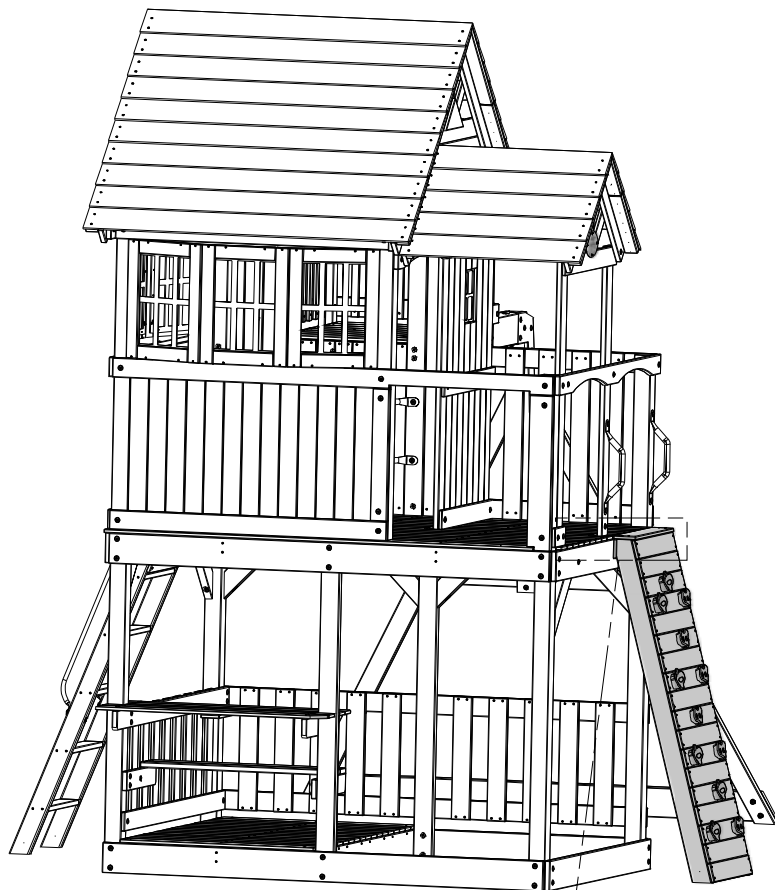
(1) ROCK WALL ASSEMBLY



H100407 BOLT WH BLK  
(2) 5/16x1 1/2



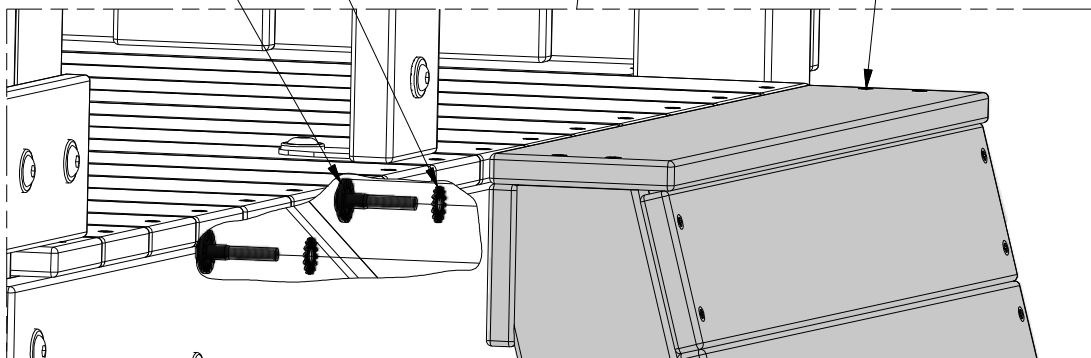
H100198 WASHER LOCK  
(2) EXT BLK  
8x19

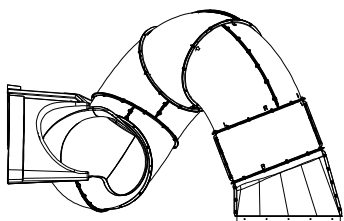


198 (x2)  
WASHER - 8x19

407 (x2)  
BOLT - 1 1/2"

(1) ROCK WALL ASSEMBLY





(1) TUBE SLIDE ASSEMBLY



H100797 | SCREW PWH BLK  
(18) | 8x1



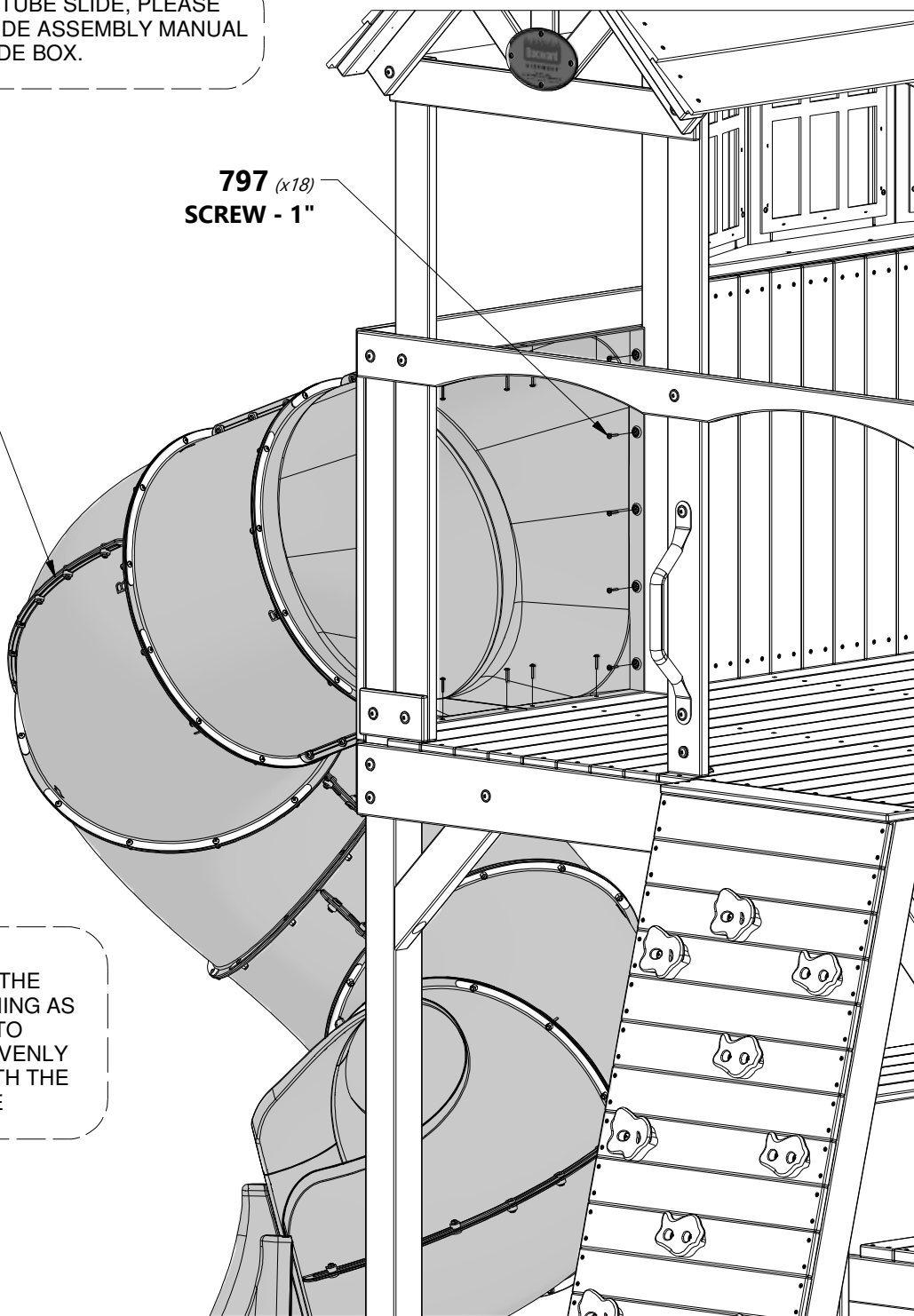
FOR ASSEMBLY OF THE TUBE SLIDE, PLEASE REFER TO THE TUBE SLIDE ASSEMBLY MANUAL FOUND IN THE TUBE SLIDE BOX.

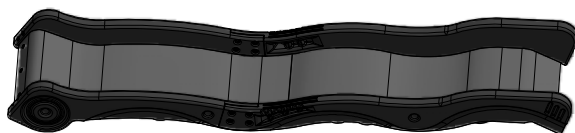
TUBE SIDE ASSEMBLY (x1)

797 (x18)  
SCREW - 1"



**TIP:**  
PLACE THE SLIDE ALL THE WAY INSIDE THE OPENING AS SHOWN. MAKE SURE TO PRESS THE SLIDE IN EVENLY AS YOU INSTALL IT WITH THE PROVIDED HARDWARE





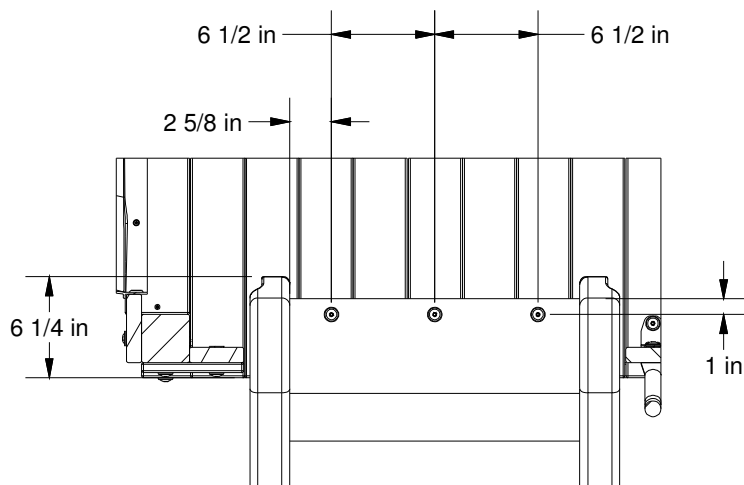
(1) SLIDE ASSEMBLY



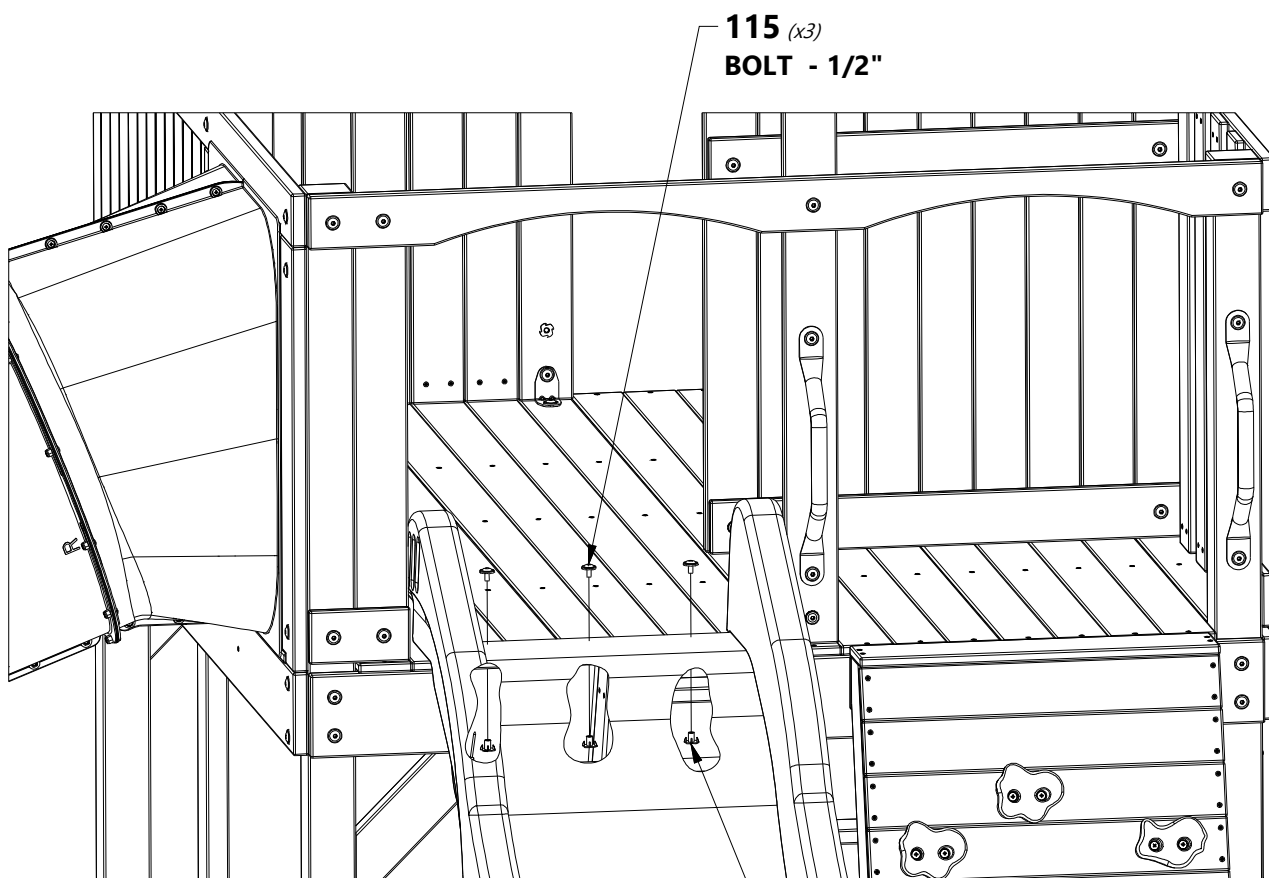
**H100115** BOLT WH  
(3) 5/16x1/2



**H100074** T-NUT  
(3) 5/16



CENTER SLIDE IN OPENING. USING DIMENSIONS BELOW AS A TEMPLATE, DRILL (3) 3/8" HOLES THROUGH SLIDE & DECK FOR HARDWARE.





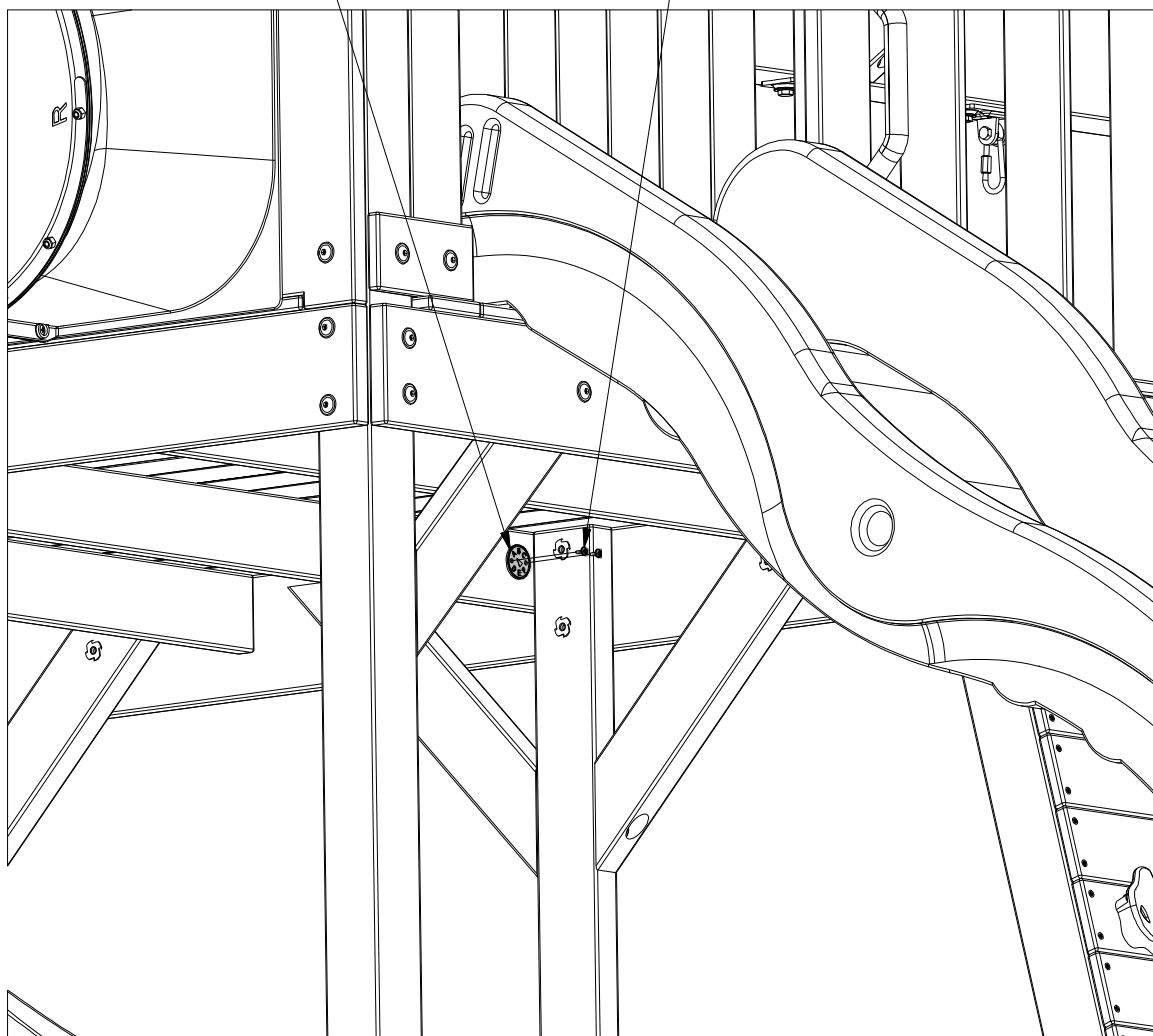
A100314  
(1) "A" REVISION TAG



H100408 | SCREW PWH BLK  
(2) 8x1/2

314 (x1)  
"A" REVISION TAG

408 (x2)  
SCREW - 1/2"

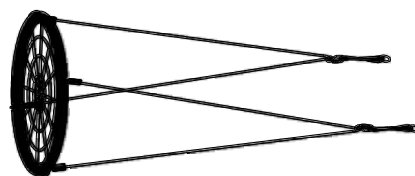




**A100027**  
(2) **SWING SEAT GREEN 26"**



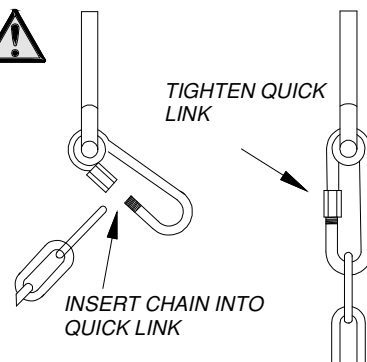
**A100069**  
(4) **QUICK LINK**



**A4M01126 WITH HARDWARE**  
(x1) **26" WEB SWING**

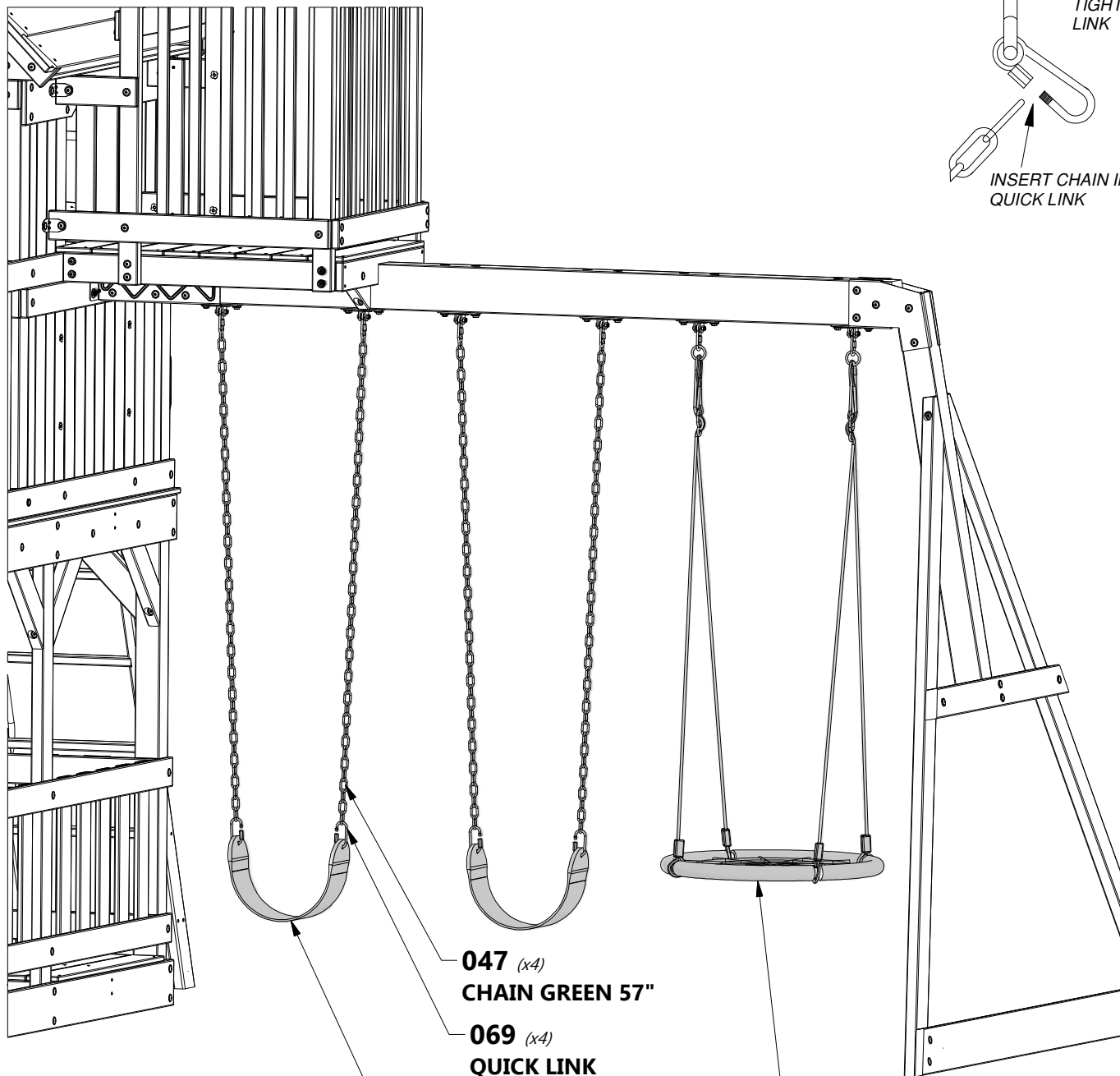


**A100047**  
(4) **CHAIN GREEN 57"**



TIGHTEN QUICK  
LINK

INSERT CHAIN INTO  
QUICK LINK

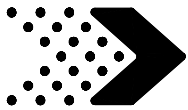


**047** (x4)  
**CHAIN GREEN 57"**

**069** (x4)  
**QUICK LINK**

**027** (x2)  
**SWING SEAT GREEN 26"**

**126** (x1)  
**26" WEB SWING**



## SETUP

## WEB SWING

# WEB SWING SETUP INSTRUCTIONS:

*FOLLOW INSTRUCTIONS BELOW BEFORE USING THE WEB SWING.*



H100832 | BOLT PTH  
(4) | 1/4x3/4

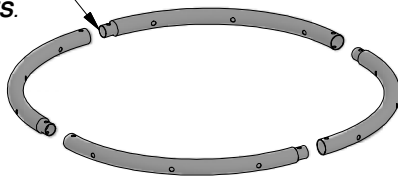


H100831 | NUT BARREL PTH BLK  
(4) | 1/4x3/4

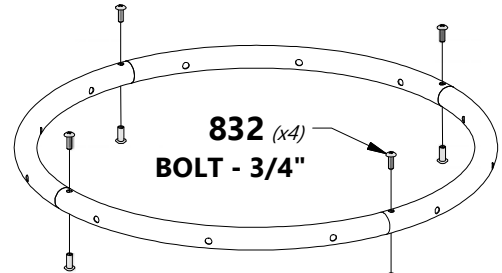


**IMPORTANT:**  
**SLIDE ROPE LOOPS OVER TUBE ENDS FIRST!**

SLIDE NARROW END OF TUBES INTO  
LARGER OPENING **AFTER SLIDING**  
ROPE LOOPS ONTO TUBES.



NOTE: ROPE WEBBING NOT SHOWN  
IN ILLUSTRATION FOR CLARITY.



832 (x4)  
BOLT - 3/4"

831 (x4)  
NUT BARREL - 3/4"



**Note:** It is important that  
the web swing hang level.



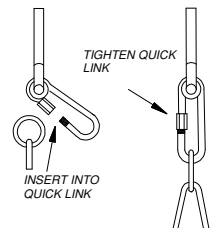
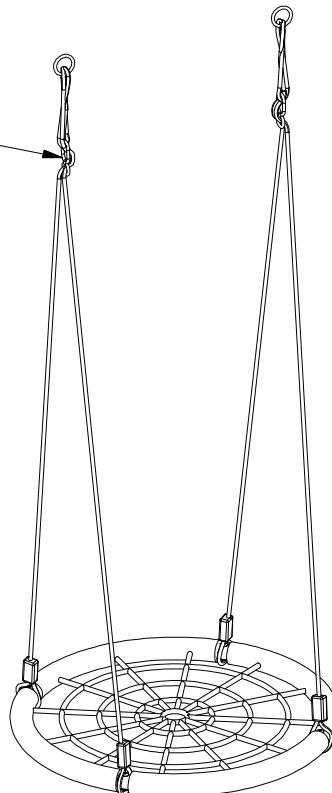
**IMPORTANT**

TO ENSURE STRAIGHT  
SWINGING MOTION,  
ADJUST BOTH  
"S" BRACKETS UNTIL  
WEB SEAT IS LEVEL.



**IMPORTANT:**

SWING MUST BE SET  
AT A MINIMUM OF 8  
INCHES OFF THE  
GROUND WHEN  
INSTALLED.

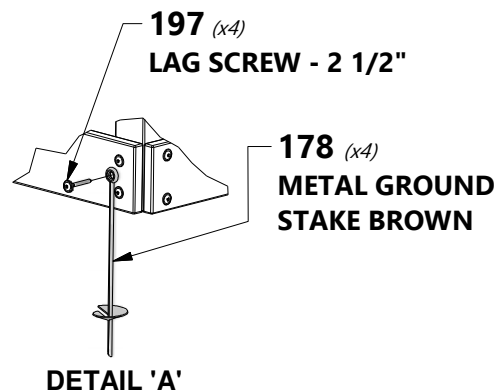
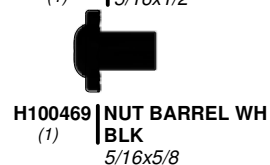
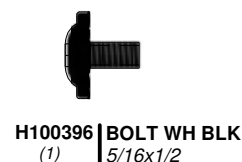
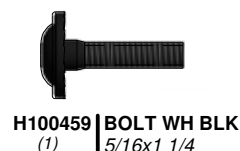
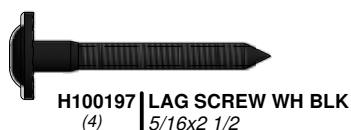
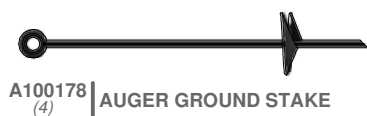






# FORT ASSEMBLY

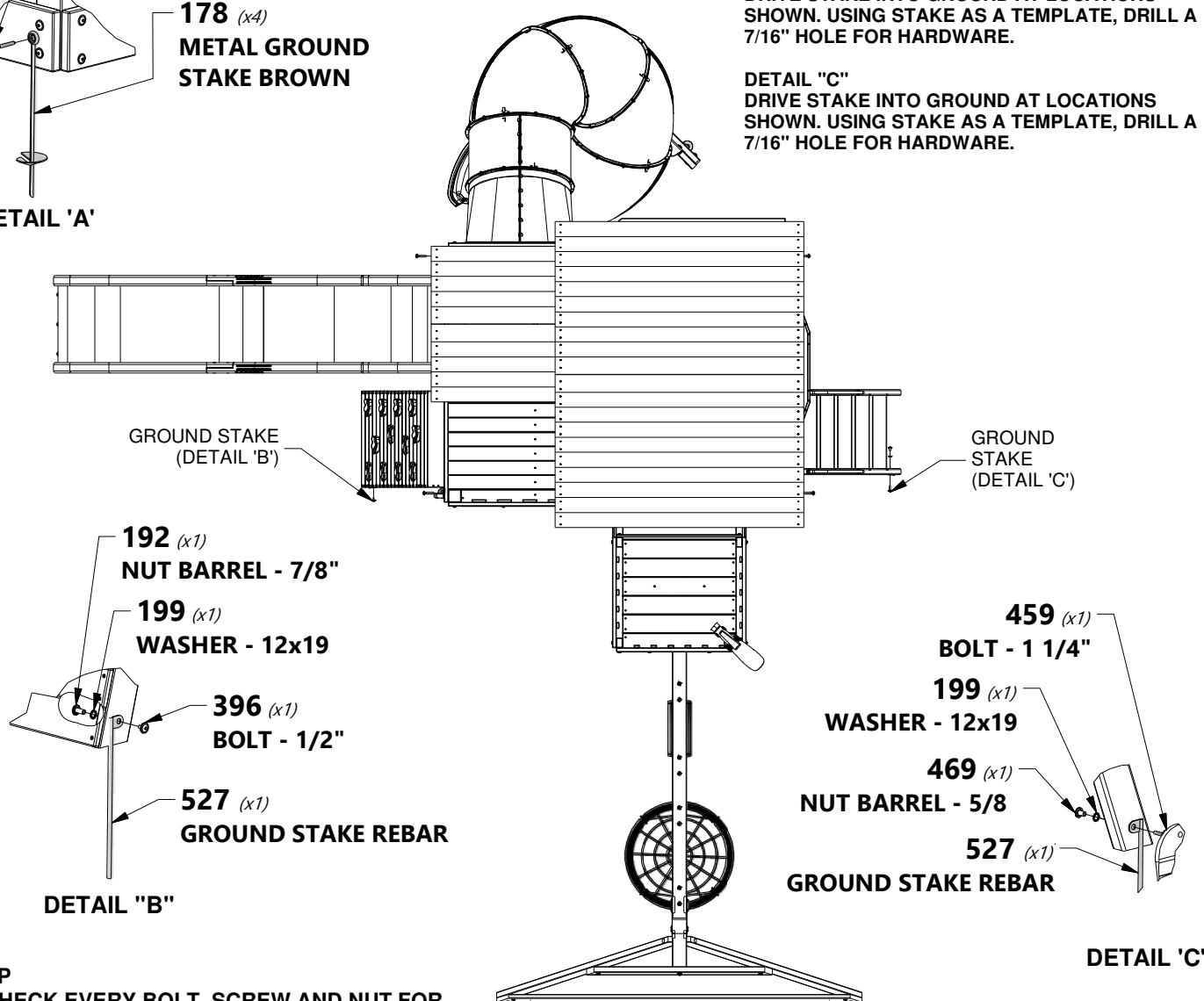
## STEP 70



**DETAIL "A"**  
TWIST STAKES INTO GROUND AGAINST  
GROUND BOARDS AND CORNER POSTS IN  
LOCATIONS SHOWN. USING STAKE AS A  
TEMPLATE, DRILL A 3/16" HOLE FOR LAGS.

**DETAIL "B"**  
DRIVE STAKE INTO GROUND AT LOCATIONS  
SHOWN. USING STAKE AS A TEMPLATE, DRILL A  
7/16" HOLE FOR HARDWARE.

**DETAIL "C"**  
DRIVE STAKE INTO GROUND AT LOCATIONS  
SHOWN. USING STAKE AS A TEMPLATE, DRILL A  
7/16" HOLE FOR HARDWARE.



**FINAL STEP**  
DOUBLE CHECK EVERY BOLT, SCREW AND NUT FOR  
TIGHTNESS. MAKE SURE EVERY BOARD IS SECURE AND  
MAKE SURE THE PLAY SET IS LEVEL.  
ENJOY YOUR NEW PLAY SET!

**NOTE:**  
FAILURE TO ATTACH GROUND STAKES COULD CAUSE  
INJURY AND WILL VOID WARRANTY!