

Owner's Manual
FAQ's
Assembly Instructions
Warranty Information

BACKYARD



DISCOVERY™

Atlantis
Wooden Playcenter - 2010

Model: 65210

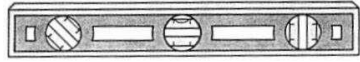
Manufacturer:

Backyard Discovery
3001 North Rouse
Pittsburg, KS 66762

Made in China

Tools Required for Installation:

(These are the tools that are generally required for assembly of our playsets. These tools are not included in the playset purchase.)



(Level 24")



(Open end Wrenches
1/2" & 7/16")



(Nut drivers
1/2" & 9/16")



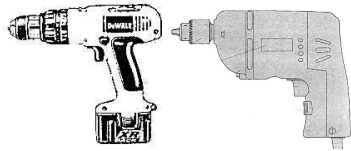
(Tape Measure)



(3/8" Drive Ratchet, 1/2" & 9/16" std sockets
1/2" & 9/16 deep sockets)



(Claw Hammer)



(3/8" Cordless Drill or Electric drill)



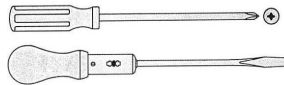
(1/8", 5/16" &
3/8" drill bits)



(Drill attachments:
Phillips head screw
3/8" Socket Driver
Torque head screw)



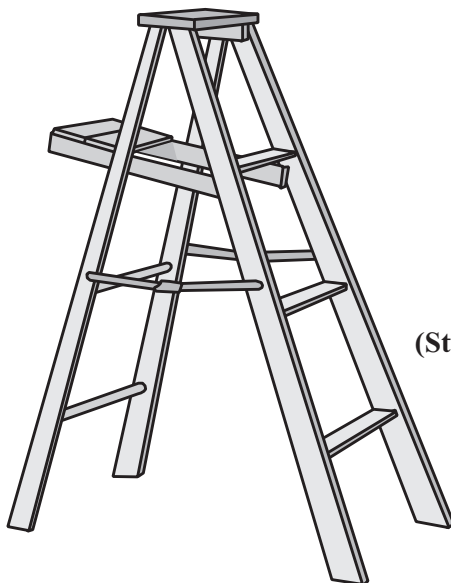
(An Adult w/an
Adult helper)



(Phillips & Straight Blade
screw drivers)



(Rubber Mallet –Optional)



(Step Ladder)

Owner's Manual Play Set

Dear Customer:

Please read entire booklet completely before beginning the assembly process.

Equipment is recommended for use by **children 3 to 10 years of age**. 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.**



WARNING: This Symbol points out important safety instructions which, if not followed, could endanger the personal safety of yourself and your children and/or damage your property. You **MUST** read and follow all instructions in this manual before attempting to use this playcenter.



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

Please follow all recommendations below. **Failure to do so may result in the warranty being void and/or safety violations that could result in serious injury**. This manual contains helpful information concerning Assembly Preparation, Installation Procedure, and Required Maintenance. Always keep the safety of your children in mind as your play structure is being built and as your children play on the set. Before your children play on the set please review the Operation Instructions with them to help ensure their safety.

PLEASE RETAIN THESE INSTRUCTIONS 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: _____

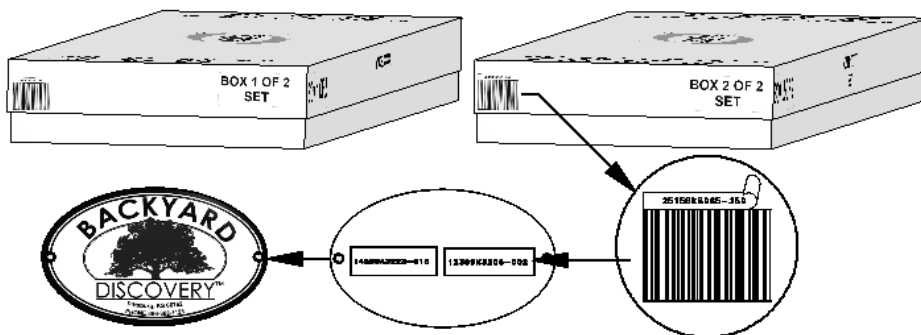
Installation Date: _____

Installed by: _____

Staple Receipt Here

Sales Receipt		
Store Name		
Main Street		
Hometown, USA		
110032	BYD Playset	\$555
120033	BYD Playhouse	\$55
330044	BYD Garden	\$55
440035	BYD Outdoor Product	\$55
Total		\$555

Thank You For Shopping With Us!



Tracking Number Reference Label

Remove label sticker from each carton and stick on the back side of ID plate. In the event of warranty claim this will help identify your unit.

Owner's Manual Play Set

Please refer to the Assembly section of the Assembly Manual for Maximum Fall Height.

Positioning Your Playcenter

1. 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.
2. 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.
3. Place the equipment not less than **6 ft** from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines, or electrical wires.
4. 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.
5. It is a good idea to place your Playcenter in an area that is convenient for adults to watch children at play.
6. 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.
7. Do not build your playset on top of surfacing material.
8. 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.
9. 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

Playground equipment should never be placed on hard surfaces such as concrete or asphalt.

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 6 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 to 9" (228mm)
	6" (152mm)	9" (228mm)	12" (304mm)	
Wood Chips	7' (2.13m)	10' (3.05m)	11' (3.35m)	10' (3.05m)
Double-Shredded bark mulch	6' (1.83m)	10' (3.05m)	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' (2.74 m)	5' (1.52 m)
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.

Operating Instructions:



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

1. This Playcenter is designed for specific number of occupants whose combined weight **should not exceed** a designated weight on the elevated floor or the swing area, the total Unit capacity is outlined in the assembly section of instruction manual. The maximum fall height and recommended play area is also available on the assembly manual for the specific unit.
2. On-site adult supervision is **required** .
3. Instruct children **not** to walk close to, in front of, behind, or between moving swings or other moving playground equipment.
4. Instruct children to sit in and **never** stand on swings
5. Instruct children **not** to twist the chains and ropes and not to loop them over the top support bar, since this may reduce the strength of the chain or rope.
6. Instruct children **not** to jump from swings or other playground equipment in motion.
7. Instruct children to **not to push** empty seats. The seat may hit them and cause serious injury.
8. Instruct and teach children to sit in the center of the swings with their full weight on the seats.
9. Instruct children **not** to use the equipment in a manner other than intended.
10. Instruct children to **always** go down slides feet first. Never slide head first.
11. Instruct children to **look** before they slide to make sure no one is at the bottom.
12. Instruct children to **never** run up a slide, as this increases their chances of falling.
13. The parents should have the children **dress appropriately** with well-fitting shoes. Loose clothing such as scarves and ponchos should not be worn. Always take off, tie up or tuck in cords and drawstrings on children's clothing. These things can get caught on playground equipment and strangle a child.
14. Instruct children **not** to climb when the equipment is wet.
15. Instruct children to **never** jump from a fort deck. They should always use the ladder, ramp or slide.
16. Instruct children to **never** crawl or walk across the top of monkey bars.
17. Instruct children to **never** crawl on top of a fort roof.
18. Verify that any suspended climbing ropes, chain, or cable are secured at both ends and that they cannot be looped back on it.
19. Instruct children **not** to attach items to the playground equipment that are not specifically designed for use with the equipment, such as, but not limited to, jump ropes, clothesline, pet leashes, cables and chain as they may cause a strangulation hazard.
20. Instruct children to **never** wrap their legs around swing chain.
21. Instruct children to **never** slide down the swing chain.

Owner's Manual Play Set

Maintenance Instructions:

1. Check all nuts and bolts twice monthly during the usage season and tighten as required. (But not so tight that you crack the wood) We recommend you check the swing beam and hardware every two weeks due to wood expansion and contraction. It is particularly important that this procedure be followed at the beginning of each season.
2. Remove plastic swing seats and take indoors or do not use when the temperature drops below 32 °F.
3. Oil all metallic moving parts monthly during the usage period.
4. Check all coverings for bolts and sharp edges twice monthly during usage season to be certain they are in place. Replace when necessary. It is especially important to do this at the beginning of each new season.
5. Check swing seats, ropes, cables and chains monthly during usage season for evidence of deterioration. Replacement should be made of any swing seat that has developed cracks in the plastic seats or has exposed metal in the edges of the swing seat. If there are already exposed metal inserts on the edge of the seat, immediately remove the seats and chains to prevent serious injury. Ropes, cables and chains should be removed and replaced if excessive wear is found.
6. For rusted areas on metallic members such as monkey bars, hand supports, brackets, etc. Sand and repaint, using a non lead-based paint meeting the requirements of Title 16 CRF Part 1303.
7. Inspect wood parts monthly. The grain of the wood sometimes will lift in the dry season causing splinters to appear. Light sanding may be necessary to maintain a safe playing environment. If you are treating your Playcenter with stain regularly, it will help prevent severe checking/splitting and other weather damage.
8. We have applied a waterborne transparent stain to your unit. 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 set. Please note this is a requirement of your warranty.
9. Creating and maintaining the Playcenter on a level location is very important. As your children play, your Playcenter will slowly dig its way into the soil, and it is very important that it settles evenly. Make sure the play set is level and true once each year or at the beginning of each play season.
10. Rake the surface periodically to prevent compaction and maintain appropriate depths.

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.

APPENDIX A

Information on Playground Surfacing Materials:

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/cpscpub/pubs/323.html.

X3. CONSUMER INFORMATION SHEET FOR PLAYGROUND SURFACING MATERIALS¹¹

X3.1 The U.S. Consumer Product Safety Commission (CPSC) estimates that about 100,000 playground equipment-related injuries resulting from falls to the ground surface are treated annually in U.S. hospital emergency rooms. Injuries involving this hazard pattern tend to be among the most serious of all playground injuries, and have the potential to be fatal, particularly when the injury is to the head. The surface under and around playground equipment can be a major factor in determining the injury-causing potential of a fall. It is self evident that a fall onto a shock-absorbing surface is less likely to cause a serious injury than a fall onto a hard surface. Playground equipment should never be placed on hard surfaces such as concrete or asphalt and while grass may appear to be acceptable it may quickly turn to hard packed earth in areas of high traffic. Shredded bark mulch, wood chips, fine sand or fine gravel are considered to be acceptable shock absorbing surfaces when installed and maintained at a sufficient depth under and around playground equipment.

X3.2 Table X3.1 lists the maximum height from which a child would not be expected to sustain a life-threatening head injury in a fall onto four different loose-fill surfacing materials if they are installed and maintained at depths of 6, 9, and 12 in. However, it should be recognized that all injuries due to falls cannot be prevented no matter what surfacing material is used.

X3.3 It is recommended that a shock absorbing material should extend a minimum of 6 ft in all directions from the perimeter of stationary equipment such as climbers and slides. However, because children may deliberately jump from a moving swing, the shock absorbing material should extend in the front and rear of a swing a minimum distance of 2 times the height of the pivot point measured from a point directly beneath the pivot on the supporting structure.

X3.4 This information is intended to assist in comparing the relative shock-absorbing properties of various materials. No particular material is recommended over another. However, each material is only effective when properly maintained. Materials should be checked periodically and replenished to maintain correct depth as determined necessary for your equipment. The choice of a material depends on the type and height of the playground equipment, the availability of the material in your area, and its cost.

¹¹This 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: 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 patent 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 patent 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.

Play Set Assembly Manual FAQs:

1. Does the area for the playset need to be level? Yes Backyard Discovery recommends the playset be positioned on a flat level area for maximum safety and durability. The stakes provided should be used to secure it firmly to the ground.
2. What size area is recommended for the playset? Backyard Discovery recommends at least a 6' (six foot) perimeter around and above the playset for maximum safety.
3. What age range is appropriate for the playsets? Backyard Discovery playsets are recommended for children ages 3 – 10 years.
4. Is the wood treated with chemicals? Backyard Discovery uses 100% Chinese Cedar wood which is naturally bug resistant, decay and rot resistant. To help ensure your child's safety, our wood is completely chemical free and we do not use pressure-treated wood. The stain we use is a top coat using a water-based product that is for appearance only.
5. How often should the playset be stained? Backyard Discovery recommends the playset be stained once each year. A water or oil based stain can be used at the customer's discretion.
6. Why does it seem that my swing set is developing cracks? Wood is a natural material; no two pieces are exactly alike. Each piece has its own characteristics and personality and reacts differently to climate changes. When any wood product is exposed to the elements, it develops "wood checks". A check is the radial separation of the wood fibers running with the grain of the wood. These are caused by the varying temperature and moisture conditions. A check is not a crack – it does not affect the strength or durability of the wood or structural integrity of the play set.
7. Do Backyard Discovery playsets come with a warranty? Yes. All Backyard Discovery products carry a 1-year replacement warranty on all parts for manufacturer's defect. Our wood carries a 5 year warranty on rot and decay as well. Please see warranty details for more information.
8. What is the best way to get started assembling the playset? Backyard Discovery recommends taking all the parts out of the boxes and arranging them by part number before you begin any assembly. This will not only allow faster assembly, but will also identify any parts that may be missing or damaged so they can be replaced before assembly. If parts are missing or need replacement, go to www.swingsetsonline.com/support.aspx and follow the prompts to order them. Next, read the assembly manual and get the tools ready for the job as recommended in the manual. If the assembly manual is lost or misplaced a new one can be printed from Backyard Discovery's website: www.swingsetsonline.com.
9. The playset seems to rock or sway too much. What's wrong? Rocking is caused by uneven ground or obstructions such as rocks, roots, etc. under the ground rails. These should be removed and the ground underneath re-leveled to prevent rocking. Also ensure the playset is securely staked to the ground using the stakes provided.
10. The 2"x 4" boards do not measure 2"x 4". Why not? In the U.S. it's common practice to describe lumber dimensions using the rough cut sizes from the sawmill and not the finished dimensions. Retailers, home stores, etc. all use this accepted practice for describing lumber dimensions.

However, Backyard Discovery playsets are designed and constructed using the actual dimensions so everything fits properly and remains so during the life of the playset.

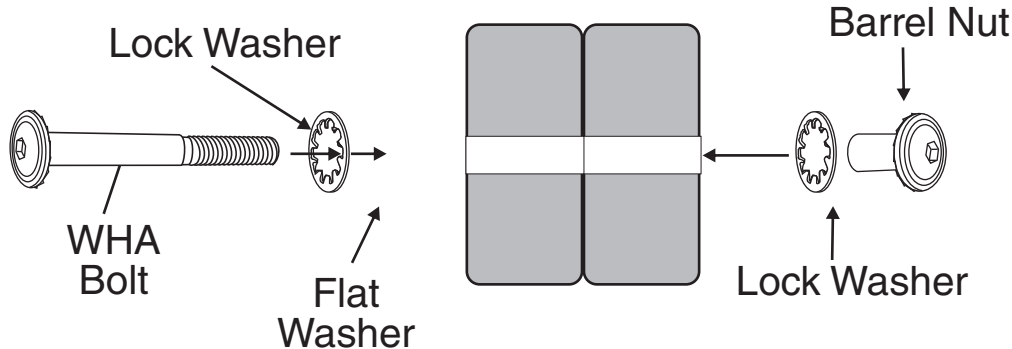
11. The end beam is not straight up and down. Why not? This is normal. Backyard Discovery designs playsets this way to ensure the strongest structure possible. The slight angle adds strength and reduces rocking and twisting.
12. The S-hooks for the swings won't close. What is wrong? Backyard Discovery recommends placing them on a hard surface such as concrete (don't do this on anything that will dent such as metal or finished wood or glass which will break!). It will take quite a few strokes, but the hooks will close.

For more information and frequently asked questions, please refer to our website at www.swingsetsonline.com .

USING THE HARDWARE

LEISURE TIME PRODUCTS, INC GYM SETS USE A FEW STANDARD CONNECTIONS.
BECOMING FAMILIAR WITH THESE CONNECTIONS WILL SIMPLIFY ASSEMBLY
AND INSURE A SAFER PLAY PRODUCT FOR YOUR CHILDREN.

How to use Safe-T-Fuse Fasteners

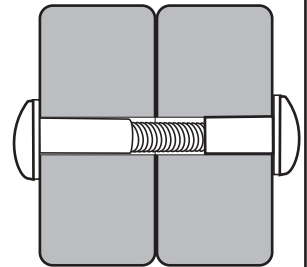


Check the positioning of parts in each Step's illustration, noting which of the parts should receive the Lock Washer and Barrel Nut. Place the Barrel Nut and Lock Washer in the hole. Align the holes in the parts to be fastened. Start preliminary tightening of bolt into Barrel Nut by hand.

To **securely tighten**, turn the bolt with an Allen Wrench until the Lock Washer is fully compressed between the head of the bolt and the Barrel Nut.

Note that in some steps the instructions say to tighten "**just snug**." This means to tighten the bolt just enough to keep the parts together, but loose enough to allow the parts to move. This is necessary to allow squaring and leveling. The bolt will be tightened securely in a following step. All bolts and screws must be tightened securely before the playset is ready for use.

Correct Assembly



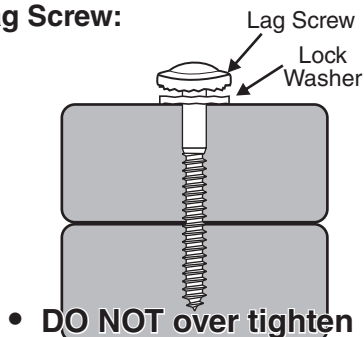
Bolt has been screwed securely into Barrel Nut and Lock Washer and the connection is tight.

Check connections periodically for tightness during the life of the Gym set.

Do not over tighten.

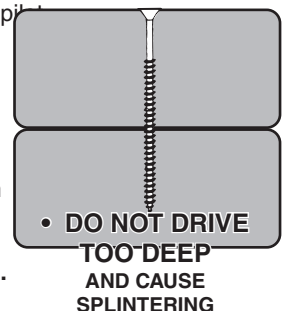
Typical Installation -Lag Screw:

- Always drill pilot holes when using Lag Screws. The size of the pilot hole will be specified in the Step.
- Tap the head of the Lag Screw with a hammer to start the threads into the wood and then use an wrench to tighten.



Typical Installation -Wood Screw:

- Use an electric drill or screw gun to drive screws.
- These screws are self-tapping, so no pilot holes are required.
- Lubricate the threads of the screws with beeswax or soap to ease installation and minimize breaking screws.
- It is very important to make certain that the tops of all screws are flush with the surface of the wood and there are no protruding sharp edges.



Includes **SAFE-T-FUSE** Fastener System
Patent Pending

Atlantis

**Model
#65210**



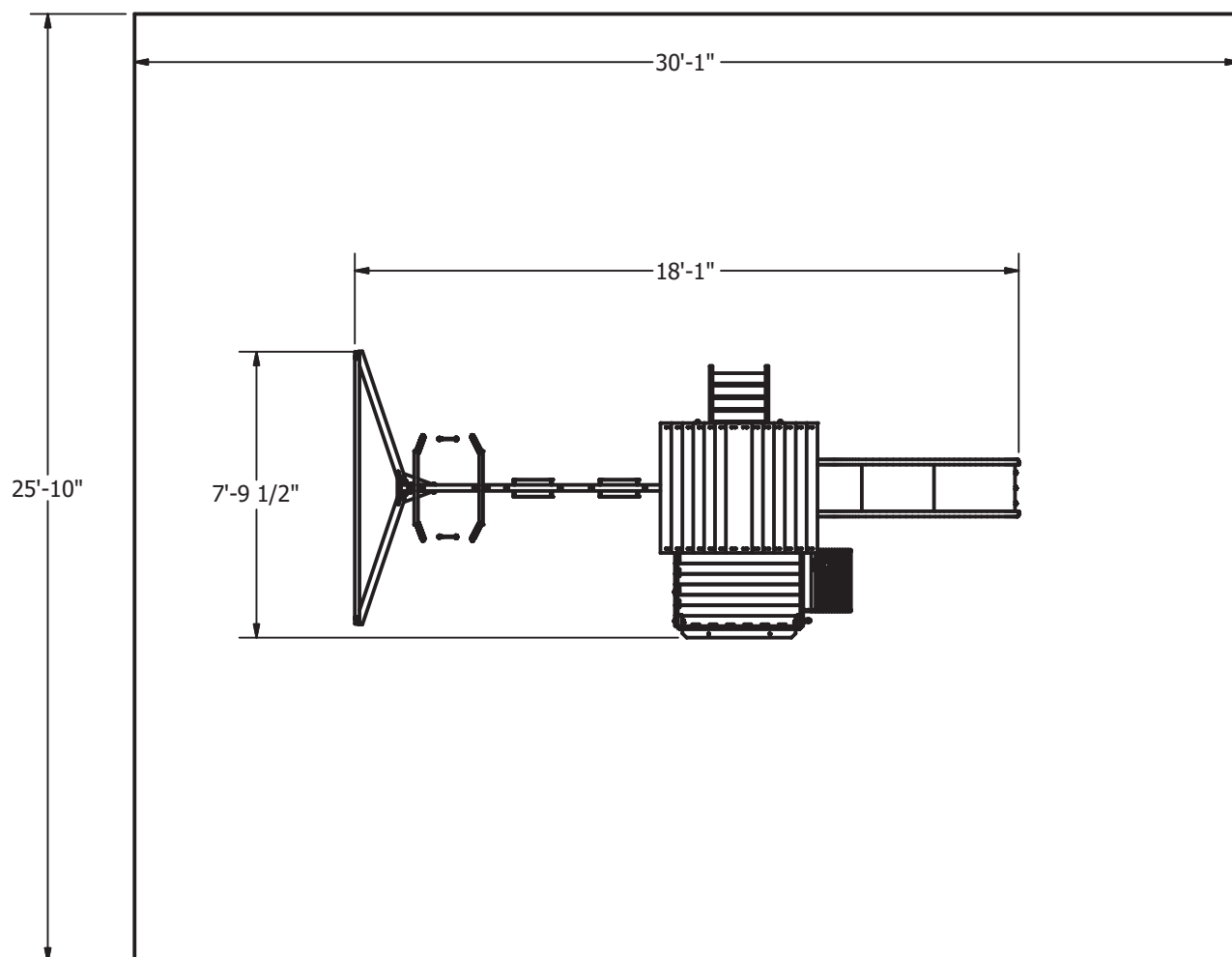
**Assembly Requires
Two Moderately Skilled People.**

If you need assistance with parts or have assembly questions, please call Customer Service
at **1-800-856-4445**

Please read the entire instruction manual carefully before proceeding with the assembly or use of
your new gym set. **SAVE THIS MANUAL** for future reference in the event that you need to contact us
for assistance or replacement part information and ordering.

ADVENTURE PLAYSETS

For Residential Use Only



Dimensions:

- The Atlantis has One layout option.

Layout: Ground Dimension

7'-9½" x 18'-1" x 9'-3½" high

Safe Play Area*

25'-10" x 30'-1" x 15'-3½" high

*Level Ground Surface - See below

- Additional accessories may increase the size of the Safe Play Area.
- Max fall height 91 ½"

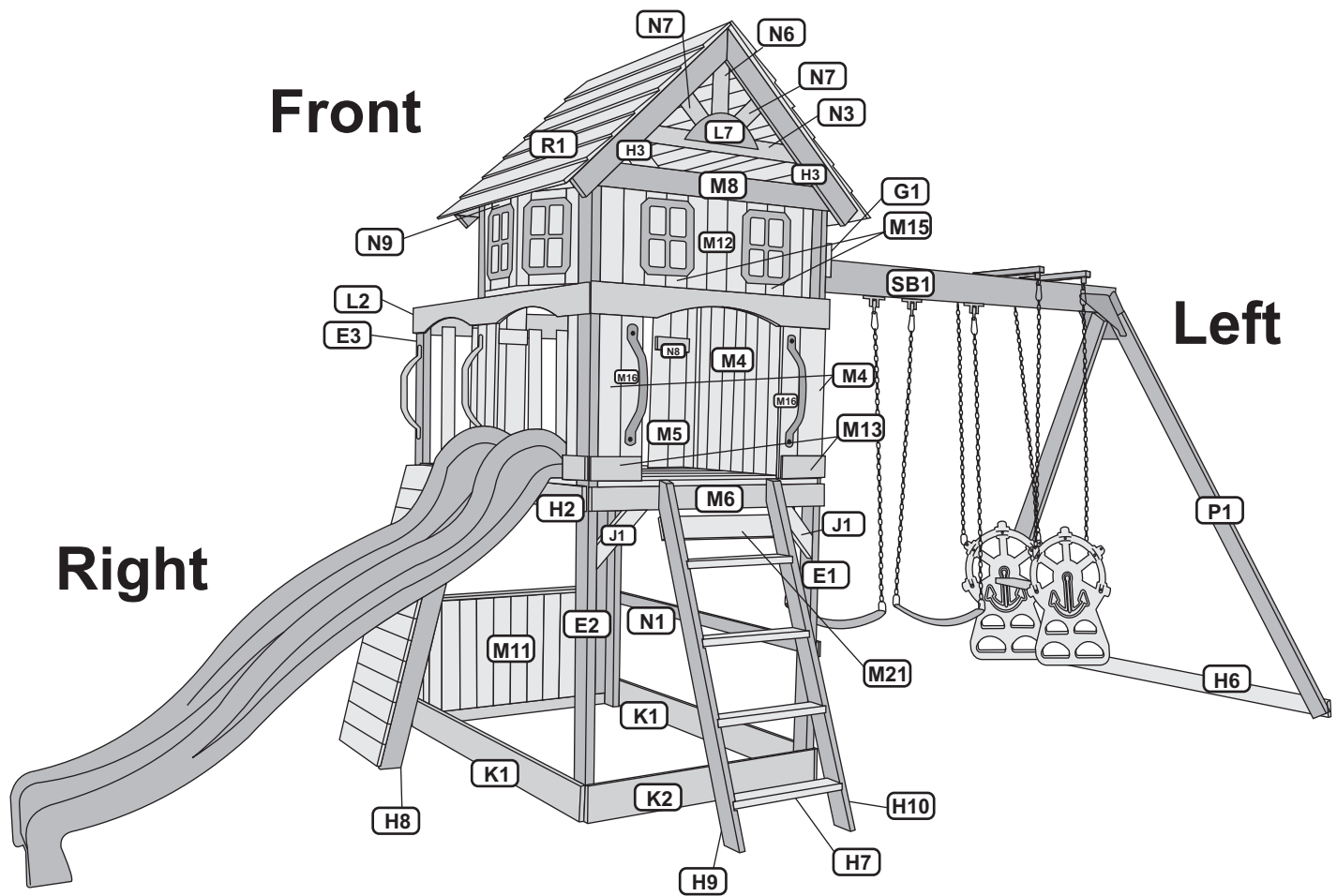
General Information:

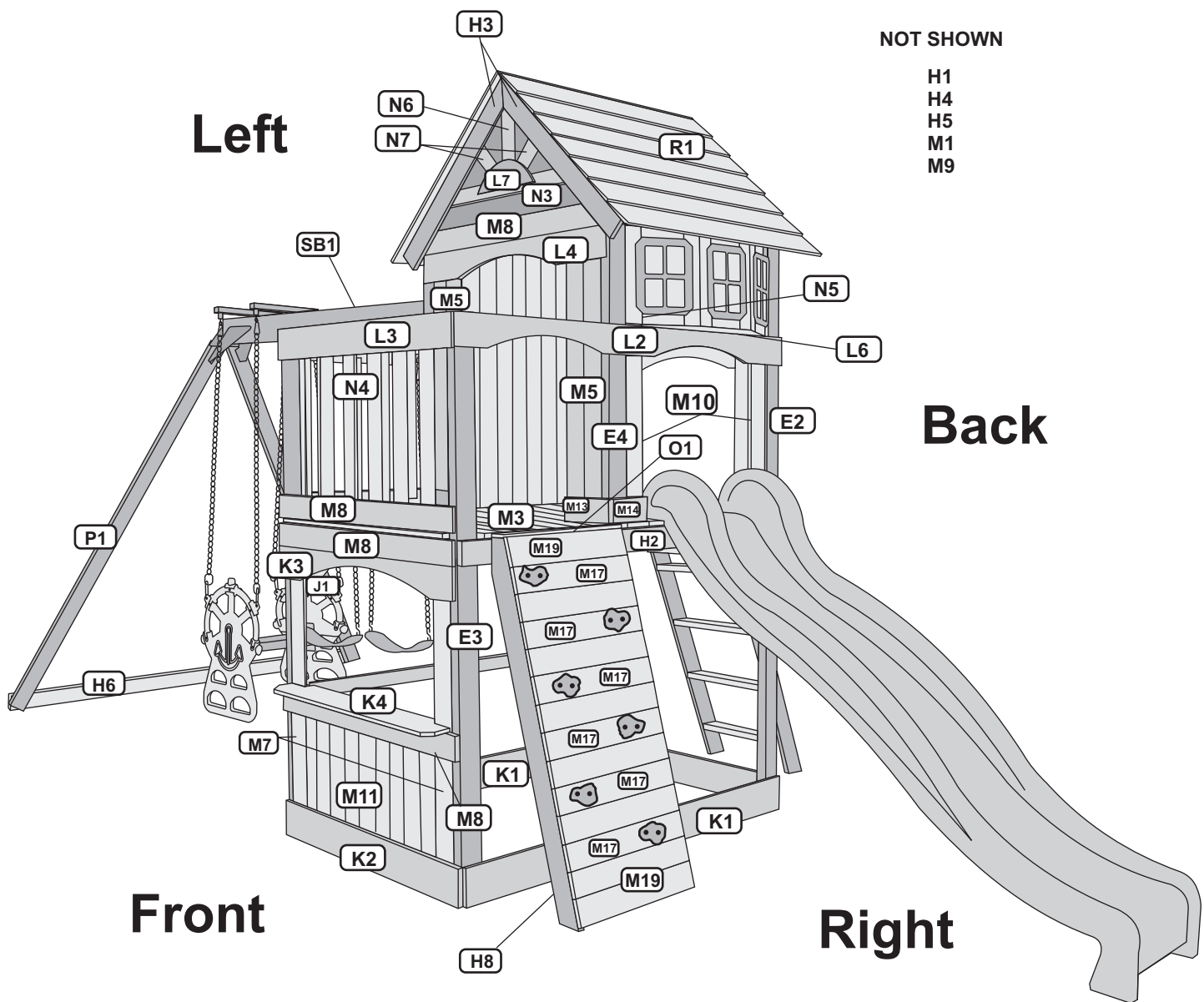
Your set has been designed and engineered for children only and for residential use only.

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 unit. set.





E1 - TOWER LEG (W100551) - 1 REQ - 36 x 86 x 2298 (1.375 x 3.375 x 90.5)



E2 - TOWER LEG (W100552) - 1 REQ - 36 x 86 x 2298 (1.375 x 3.375 x 90.5)



E3 - TOWER LEG (W100553) - 2 REQ - 36 x 86 x 1880 (1.375 x 3.375 x 74)



E4 - CLUB HOUSE LEG (W100554) - 1 REQ - 36 x 86 x 1102 (1.375 x 3.375 x 43.375)



E5 - CLUB HOUSE LEG (W100555) - 1 REQ - 36 x 86 x 1100 (1.375 x 3.375 x 43.375)



G1 - SWING BEAM MOUNT (W100556) - 1 REQ - 24 x 134 x 950 (1 x 5.25 x 37.5)



H1 - LEFT FLOOR RAIL (W100557) - 1 REQ - 24 x 86 x 1624 (1 x 3.375 x 64)



H2 - RIGHT FLOOR RAIL (W100558) - 1 REQ - 24 x 86 x 1624 (1 x 3.375 x 64)



H3 - ROOF RAFTER (W100559) - 4 REQ - 24 x 86 x 864 (1 x 3.375 x 34)



H4 - TABLE SUPPORT (W100560) - 2 REQ - 24 x 51 x 102 (1 x 2 x 4)



H5 - FLOOR SUPPORT (W100598) - 4 REQ - 24 x 86 x 86 (1 x 3.375 x 3.375)



J1 - DECK BRACE (W100561) - 4 REQ - 24 x 60 x 400 (1 x 2.375 x 15.75)



K1 - BASE BOARD (W100562) - 2 REQ - 16 x 134 x 1624 (.625 x 5.25 x 64)



K2 - BASE BOARD (W100563) - 2 REQ - 16 x 134 x 1016 (.625 x 5.25 x 40)



K3 - FRONT ARCH (W100564) - 1 REQ - 16 x 134 x 1016 (.625 x 5.25 x 40)



K4 - TABLE TOP (W100565) - 1 REQ - 16 x 134 x 940 (.625 x 5.25 x 37)



L1 - LEFT WALL RAIL (W100566) - 1 REQ - 16 x 112 x 1624 (.625 x 4.375 x 64)



L2 - RIGHT WALL RAIL (W100567) - 1 REQ - 16 x 112 x 1624 (.625 x 4.375 x 64)



L3 - WALL RAIL (W100568) - 1 REQ - 16 x 112 x 1016 (.625 x 4.375 x 40)



L4 - CLUB HOUSE WALL RAIL (W100569) - 2 REQ - 16 x 112 x 1016 (.625 x 4.375 x 40)



L5 - FLOOR BOARD (W100570) - 2 REQ - 16 x 112 x 942 (.625 x 4.375 x 37)



L6 - BAY WINDOW (W100571) - 2 REQ - 16 x 112 x 774 (.625 x 4.375 x 30.5)



L7 - GABLE MOON (W100572) - 2 REQ - 16 x 112 x 330 (.625 x 4.375 x 13)



M1 - WALL RAIL (W100573) - 1 REQ - 16 x 86 x 1624 (.625 x 3.375 x 64)



M2 - FLOOR RUNNER (W100574) - 1 REQ - 16 x 86 x 1624 (.625 x 3.375 x 64)



M3 - FLOOR BOARD (W100575) - 16 REQ - 16 x 86 x 1064 (.625 x 3.375 x 41.875)



M4 - WALL BOARD (W100576) - 11 REQ - 16 x 86 x 1066 (.625 x 3.375 x 42)



M5 - WALL BOARD (W100577) - 4 REQ - 16 x 86 x 1066 (.625 x 3.375 x 42)



M6 - FLOOR RAIL (W100578) - 1 REQ - 16 x 86 x 1016 (.625 x 3.375 x 40)



M7 - WALL BOARD (W100579) - 2 REQ - 16 x 86 x 1016 (.625 x 3.375 x 40)



M8 - WALL RAIL (W100580) - 5 REQ - 16 x 86 x 1016 (.625 x 3.375 x 40)



M9 - WALL RAIL (W100581) - 2 REQ - 16 x 86 x 951 (.625 x 3.375 x 37.4375)



M10 - WALL BOARD (W100582) - 2 REQ - 16 x 86 x 634 (.625 x 3.375 x 25)



M11 - WALL BOARD (W100583) - 9 REQ - 16 x 86 x 508 (.625 x 3.375 x 20)



M12 - WALL BOARD (W100584) - 3 REQ - 16 x 86 x 428 (.625 x 3.375 x 16.875)



M13 - WALL RAIL (W100585) - 4 REQ - 16 x 86 x 204 (.625 x 3.375 x 8)



M14 - WALL RAIL (W100586) - 2 REQ - 16 x 86 x 172 (.625 x 3.375 x 6.75)



M15 - WALL BOARD (W100587) - 8 REQ - 16 x 86 x 106 (.625 x 3.375 x 4.2)



M16 - WALL BOARD (W100599) - 2 REQ - 16 x 86 x 1066 (.625 x 3.375 x 42)



N1 - SWING BLOCK (W100588) - 1 REQ - 16 x 60 x 1624 (.625 x 2.375 x 64)



N2 - FLOOR BOARD (W100589) - 1 REQ - 16 x 60 x 1064 (.625 x 2.375 x 41.875)



N3 - GABLE BOARD (W100590) - 2 REQ - 16 x 60 x 762 (.625 x 2.375 x 30)



N4 - WALL BOARD (W100591) - 10 REQ - 16 x 60 x 584 (.625 x 2.375 x 23)



N5 - BAY WINDOW (W100592) - 6 REQ - 16 x 60 x 332 (.625 x 2.375 x 13)



N6 - GABLE BOARD (W100593) - 2 REQ - 16 x 60 x 330 (.625 x 2.375 x 13)



N7 - GABLE BOARD (W100594) - 4 REQ - 16 x 60 x 202 (.625 x 2.375 x 8)



N8 - WALL BOARD SUPPORT (W100595) - 2 REQ - 16 x 60 x 170 (.625 x 2.375 x 6.69)



N9 - BAY WINDOW (W100596) - 6 REQ - 16 x 60 x 158 (.625 x 2.375 x 6.25)



R1 - ROOF BOARD (W100597) - 14 REQ - 18 x 140 x 1080 (.7 x 5.5 x 42.5)



M17 - ROCK WALL SLAT (W100600) - 6 REQ - 16 x 86 x 514 (.625 x 3.375 x 20.25)



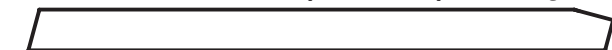
O1 - ROCK WALL TOP CAP (W100607) - 1 REQ - 16 x 68 x 514 (.625 x 2.68 x 20.25)



M19 - ROCK WALL SLAT (W100023) - 8 REQ - 16 x 86 x 514 (.625 x 3.375 x 20.25)



H8 - ROCK WALL RAIL (W100024) - 2 REQ - 24 x 86 x 1238 (.95 x 3.375 x 48.75)



M20 - SLIDE BRACE (W100544) - 1 REQ - 16 x 86 x 438 (.625 x 3.375 x 17.25)



M18 - SLIDE BRACE CENTER (W100545) - 2 REQ - 16 x 86 x 438 (.625 x 3.375 x 17.25)



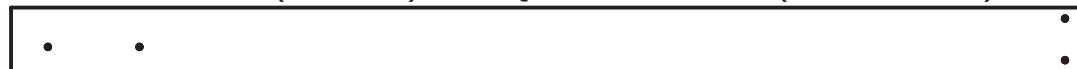
P1 - A-FRAME LEG (W100549) - 2 REQ - 34 x 86 x 2226 (1.375 x 3.375 x 87.625)



H6 - A-FRAME GROUND BOARD (W100550) - 1 REQ - 24 x 86 x 2260 (.95 x 3.375 x 89)



SB1 - SWING BEAM (W100604) - 1 REQ - 50 x 134 x 2274 (2 x 5.25 x 89.5)



H9 - LADDER UPRIGHT LEFT (W100608) - 1 REQ - 24 x 86 x 1290 (.95 x 3.375 x 50.75)



H10 - LADDER UPRIGHT RIGHT (W100609) - 1 REQ - 24 x 86 x 1290 (.95 x 3.375 x 50.75)

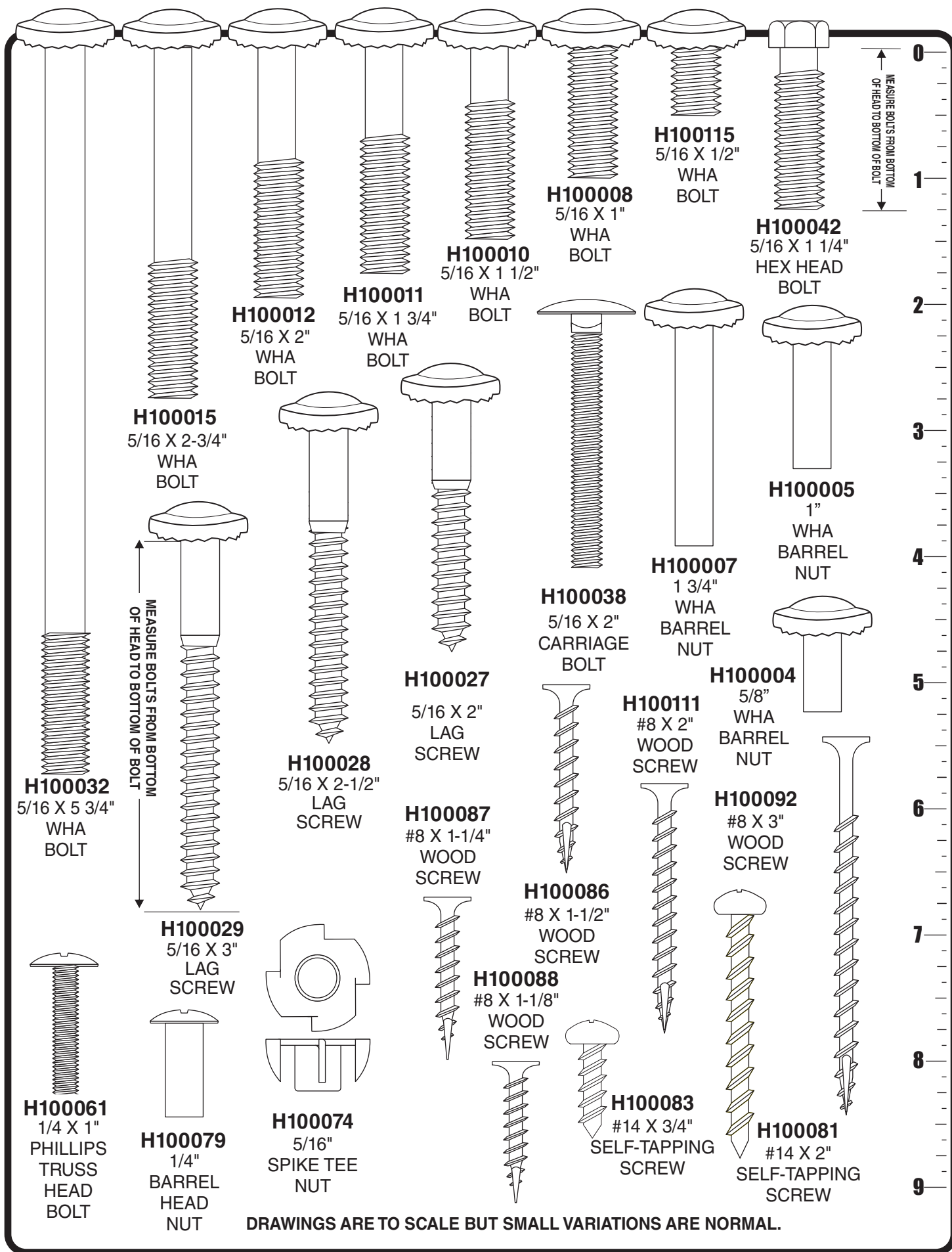


M21 - LADDER REAR SUPPORT (W100610) - 1 REQ - 16 x 86 x 488 (.625 x 3.375 x 19.25)



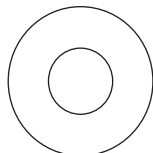
H7 - LADDER RUNG (W100611) - 4 REQ - 24 x 86 x 460 (.95 x 3.375 x 18.125)



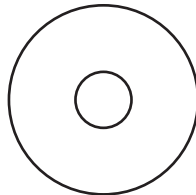




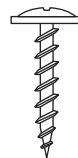
H100110
(5/16")
Lock Nut



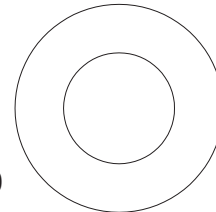
H100102
11 X 25
Flat
Washer



H100105
Fender
Washer

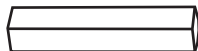
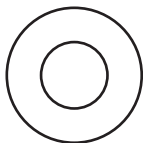


H100070
#8 X 3/4"
WASHER
HEAD
SCREW



H100103
17 X 30
Washer

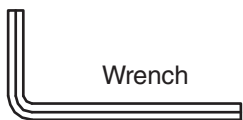
H100106
9 X 18
Flat
Washer



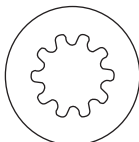
H100034
Power Driver Bit



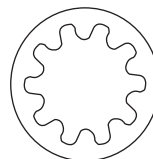
H100108
5/16"
Internal
Tooth
Lock
Washer



Wrench



H100130
8 x 19
Lock
Washer



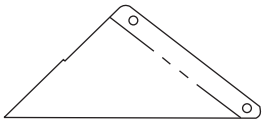
H100031
12 x 19
Lock
Washer

PART.....	DESCRIPTION.....	QTY.
H100004.....	Barrel Nut WHA 5/8"	13
H100005.....	Barrel Nut WHA 1"	54
H100007.....	Barrel Nut WHA 1-3/4"	18
H100008.....	Bolt WHA 5/16 x 1"	6
H100010.....	Bolt WHA 5/16 x 1-1/2"	34
H100011.....	Bolt WHA 5/16 x 1-3/4"	5
H100012.....	Bolt WHA 5/16 x 2"	5
H100015.....	Bolt WHA 5/16 x 2-3/4"	30
H100027.....	Lag Screw WHA 5/16 x 2"	22
H100028.....	Lag Screw WHA 5/16 x 2-1/2"	15
H100029.....	Lag Screw WHA 5/16 x 3"	4
H100030.....	Washer Lock EXT 8 x 19	110
H100031.....	Washer Lock EXT 12 x 19	80
H100032.....	Bolt WHA 5/16 x 5-3/4"	5
H100038.....	Bolt Carriage 5/16 x 2"	5
H100042.....	Bolt Hex 5/16 x 1-1/4"	4
H100047.....	Bolt Hex 5/16 x 2-3/4"	2
H100061.....	Bolt PTH 1/4x1	17
H100062.....	Bolt PTH 1/4x1-1/4"	2
H100070.....	Screw PWH 8 x 3/4"	25
H100074.....	Spike Tee Nut 5/16"	4
H100079.....	Nut Barrel 1/4 x 3/4"	20
H100081.....	Screw Tapping 14 x 2"	5
H100083.....	Screw Tapping 14 x 3/4"	7
H100086.....	Screw Wood 8 x 1-1/2"	210
H100087.....	Screw Wood 8 x 1-1/4"	40
H100088.....	Screw Wood 8 x 1-1/8"	245
H100092.....	Screw Wood 8 x 3"	26
H100095.....	Washer Split 5/16"	6
H100102.....	Washer Flat 11 x 25.	13
H100103.....	Washer Flat 17 x 30	6
H100105.....	Washer Flat 8 x 27	60
H100106.....	Washer Flat 9 x18	18
H100108.....	Washer Lock INT 8 x 15	30
H100110.....	Nut Lock 5/16"	22
H100111.....	Screw Wood 8 x 2"	25
H100115.....	Bolt WHA 5/16 x 1/2"	11
H100068.....	Lag Screw Hex 5/16 x 2-1/2"	4
H100109.....	#14 Tapping Screw 1-1/2"	2

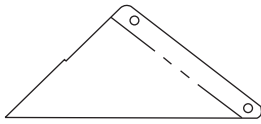
NOTE: QUANTITIES INCLUDE EXTRA HARDWARE

Y20-LG

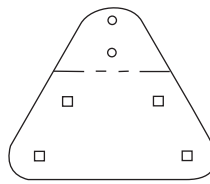
1 - LEFT SINGLE
BEAM CLAMP

**Y20-RG**

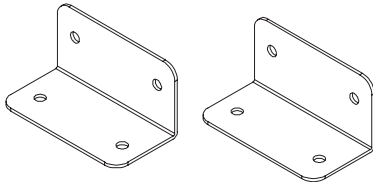
1 - RIGHT SINGLE
BEAM CLAMP

**Y20-EG**

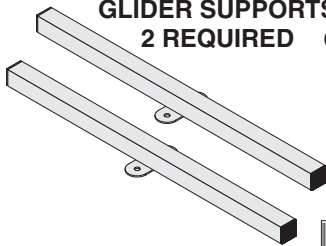
1 - SINGLE BEAM
END CLAMP

**Y46-5G**

2 - SINGLE BEAM
ATTACHMENT BRACE

**Y25-G**

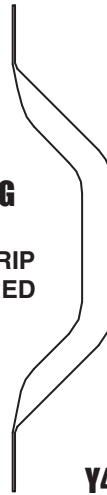
GLIDER SUPPORTS
2 REQUIRED

**X20-G6**

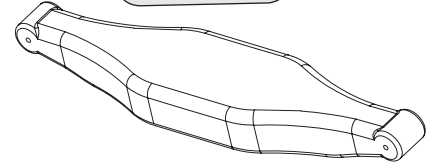
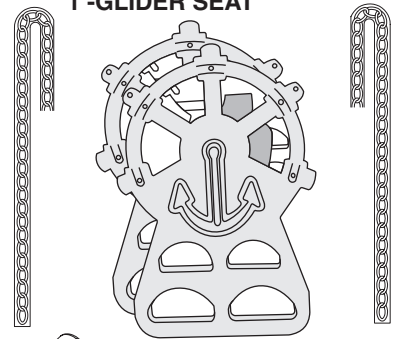
GREEN PLASTIC
ROCKS
6 REQUIRED

**Y10-16.5G**

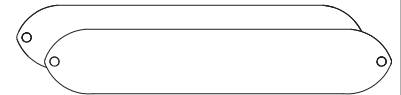
16 1/2"
METAL GRIP
4 REQUIRED

**X11-CAY**

2 - GLIDER ARMS W/CHAIN
1 - GLIDER SEAT

**X2-Y**

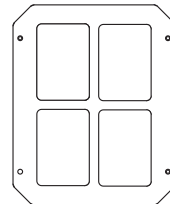
BELT SWING
2 REQUIRED

**Y60-51.25G**

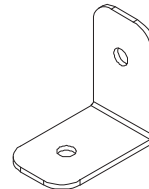
CHAIN FOR SWING
4 REQUIRED

**Y40-G2**

WINDOW FRAME
5 REQUIRED

**Y30-9G**

L BRACKETS
2 REQUIRED

**Y50-ADP**

METAL ID PLAQUE

X14

1 BAG OF 4 CAPS

**Y28-G4**

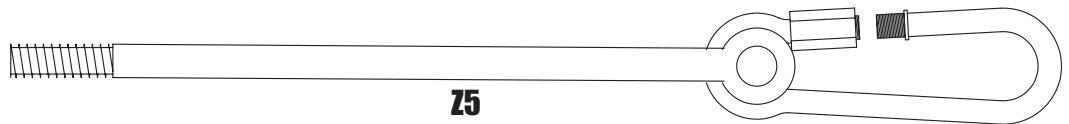
1 BAG OF
4 BUSHINGS

**ZQLBI**

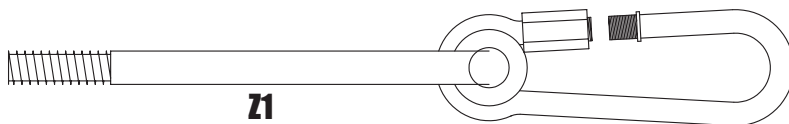
2 BAGS OF
4 QUICK LINKS

**Z5**

QUICK LINK SWING HANGER 4 REQUIRED

**Z1**

QUICK LINK SWING HANGER 4 REQUIRED

**ADDITIONAL ITEMS**

1 - ASSEMBLY MANUAL
1 - X15-8GR - 8 FT. SLIDE RAIL
1 - X15-8GL - 8 FT. SLIDE RAIL

1 - X15-8YS - SLIDE BED
1 - HARDWARE KIT
6 - Y41 GROUND STAKES

ITEMS NEEDED

1-H1 Lt Floor Rail
1-H2 Rt Floor Rail
2-K1 Base Boards
2-E3 Tower Legs
1-E2 Tower Legs
1-E1 Tower Leg
1-L2 Rt Wall Rail
1-L1 Lt Wall Rail

HARDWARE NEEDED

8- 5/16" x 2 3/4" Bolts
16-5/16" x 1 1/2" Bolts
24-5/16" x 1" Barrel Nuts
24-Lock Washers for Bolts
24-Lock Washers for Barrel Nuts

Step 1

(Note there are different Lock Washers for Bolts and Barrel Nuts)

Attach **H2 Right Floor Rail** to **E2 and E3 Tower Legs** and **H5 Floor supports** with 5/16" x 2 3/4" Bolts, Lock Washers and 1" Barrel Nuts and Lock Washers.

(Note position of pilot holes in E2 Tower Leg)

Attach **L2 Right Wall rail** to E2 and E3 Tower Legs with 5/16" x 1 1/2" Bolts, Lock Washers and 1" Barrel Nuts and Lock washers. (Note position of arch. Wide opening towards E2 tower Leg).

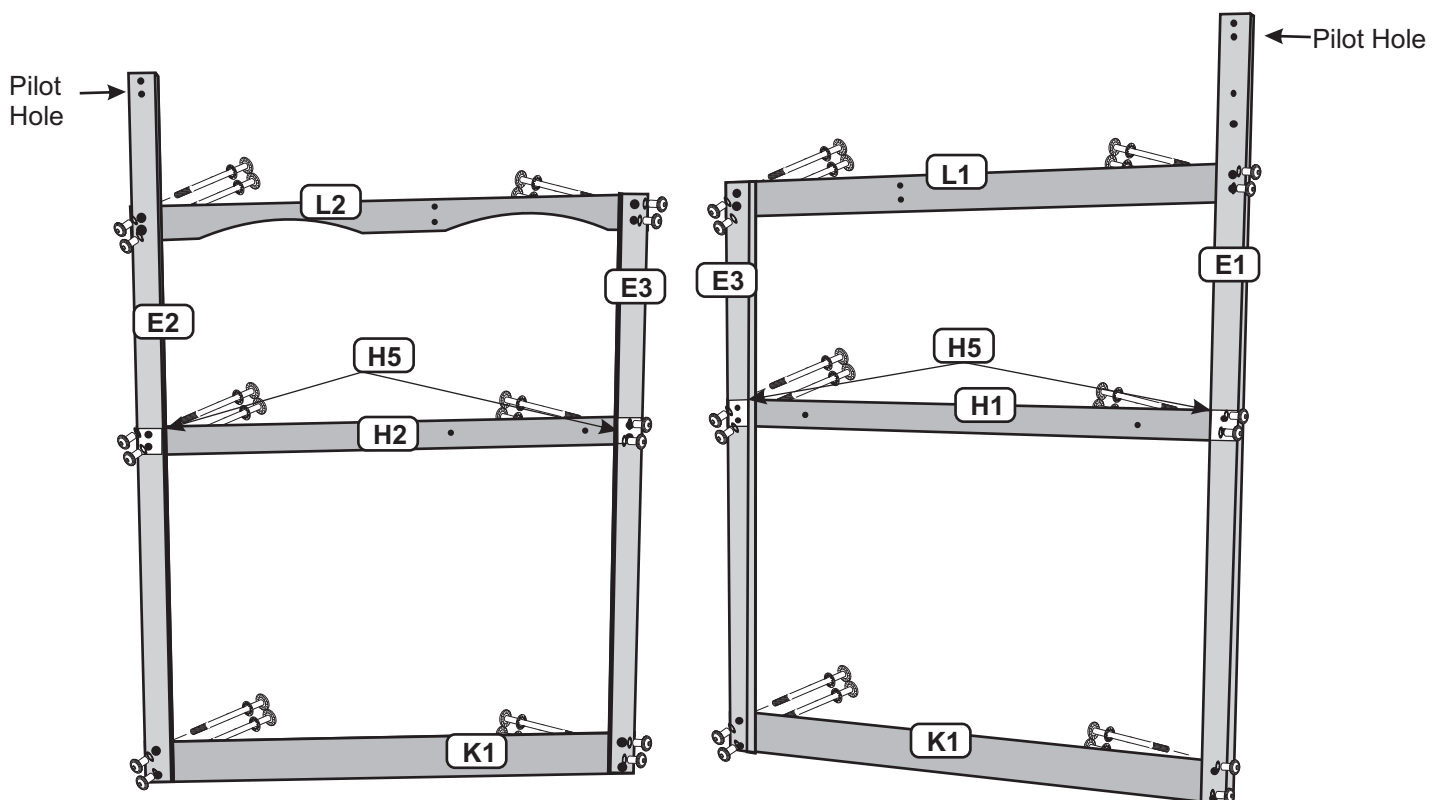
Attach **K1 Base Board** to E2 and E3 Tower Legs with 5/16" x 1 1/2" Bolts, Lock Washers and 1" Barrel Nuts and Lock Washers.

Attach **H1 Left Floor Rail** to **E1 and E3 Tower Legs** and H5 Floor Supports with 5/16" x 2 3/4" Bolts, Lock Washers and 1" Barrel Nuts and Lock Washers.

(Note position of pilot holes in E1 Tower Legs)

Attach **L1 Left Wall rail** to E1 and E3 Tower Legs with 5/16" x 1 1/2" Bolts, Lock Washers and 1" Barrel Nuts and Lock washers. (Note Position of holes in L1 wide opening towards E1 Tower Leg.)

Attach K1 Base Board to E1 and E3 Tower Legs with 5/16" x 1 1/2" Bolts, Lock Washers and 1" Barrel Nuts and Lock Washers.



ITEMS NEEDED

2-K2 Base Boards
1-K3 Front Arch
1-L3 Wall Rail
1-L4 Club House Wall Rail
1-M8 Wall Rail

HARDWARE NEEDED

16-5/16" x 2 3/4" Bolts
4-5/16" x 2 1/2" Lag Screws
4-5/16" x 2" Lag Screws
16-5/16" x 1 3/4" Barrel Nuts
24-Lock Washers for Bolts
16-Barrel Nut Lock Washers

Step 2

Attach M8 Wall Rail to E3 Tower Legs with 5/16" x 2 3/4" Bolts, Lock Washers and 1 3/4" Barrel Nuts and Lock Washers.

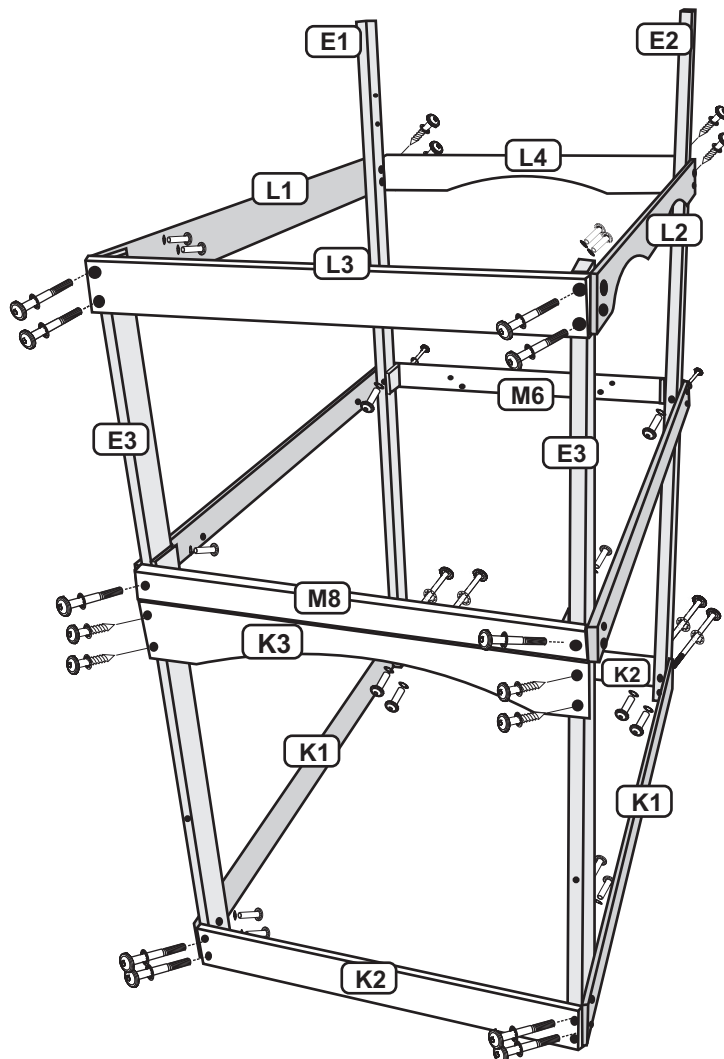
Attach **K3 Front Arch** to E3 Tower Legs with 5/16" x 2 1/2" Lag Screws and Lock Washers. (**Pilot drill with 3/16" drill bit when using lag screws**).

Attach **M6 Floor Rail** to E1 and E2 Tower Legs with 5/16" x 2 3/4" Bolts, Lock Washers and 1 3/4" Barrel Nuts and Lock Washers. (**Note position of holes toward bottom**)

Attach **K2 Base Boards** to E3 Tower Legs on Front of set and to E1 and E2 Tower Legs on back of set using 5/16" x 2 3/4" bolts, Lock Washers and 1 3/4" Barrel Nuts and Lock Washers.

Attach **L3 Wall Rail** to top of E3 Tower Legs with 5/16" x 2 3/4" Bolts, Lock Washers and 1 3/4" Barrel Nuts and Lock Washers.

Attach **L4 Club House Wall Rail** to E1 and E2 Tower Legs and Flush to top of L2 and L1 using 5/16" x 2" Lag Screws and Lock Washers.



ITEMS NEEDED

4- J1 Deck Braces

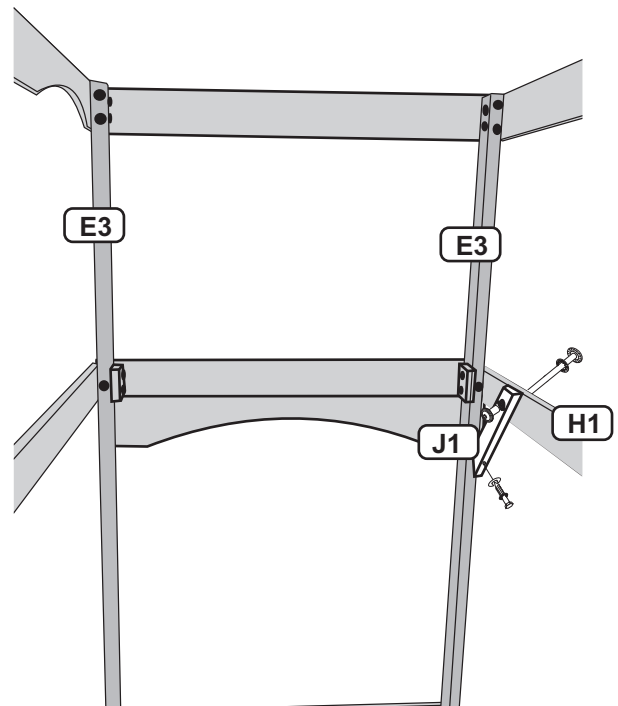
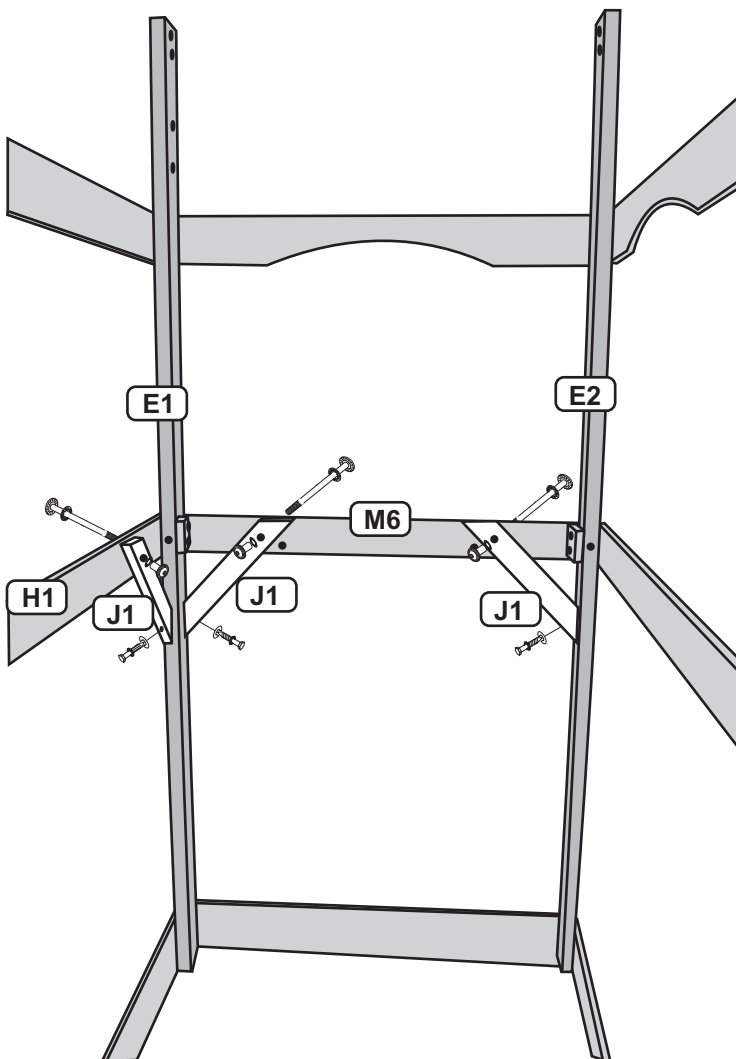
HARDWARE NEEDED

2-5/16" x 1 1/2" Bolts
4-5/16" x 1" Barrel Nuts
4-2 1/2" Hex Lag Screws
4-Lock Washers for Bolts
4-Lock Washers for Barrel Nuts
4-5/16" Flat Washers
4-5/16" Lock Washers
2-1" Bolts

Step3

Make sure set is level and plumb and attach two **J1 Deck Braces** to M6 Floor Rail with 5/16" x 1" Bolts, Lock Washers and 1" Barrel Nuts and Lock washers and to Tower Legs with 2 1/2" Lag Screws, 5/16" Lock Washers and 5/16" Flat Washers.

Attach two more J1 Deck Braces to H1 Floor Rail with 5/16" x 1 1/2" Bolts, Lock Washers and 1" Barrel Nuts and Lock Washers and to Tower Legs with 2 1/2" Lag Screws, 5/16" Lock Washers and 5/16" Flat Washers.



ITEMS NEEDED

2-L5 Floor Boards
1-M2 Floor Runner
16-M3 Floor Boards
1-N2 Floor Board

HARDWARE NEEDED

2-Y30-9G L Brackets
4- #14 x 3/4" Self Tapping Screw
74- 1 1/2" Wood Screws
19-1 1/8" Wood Screws

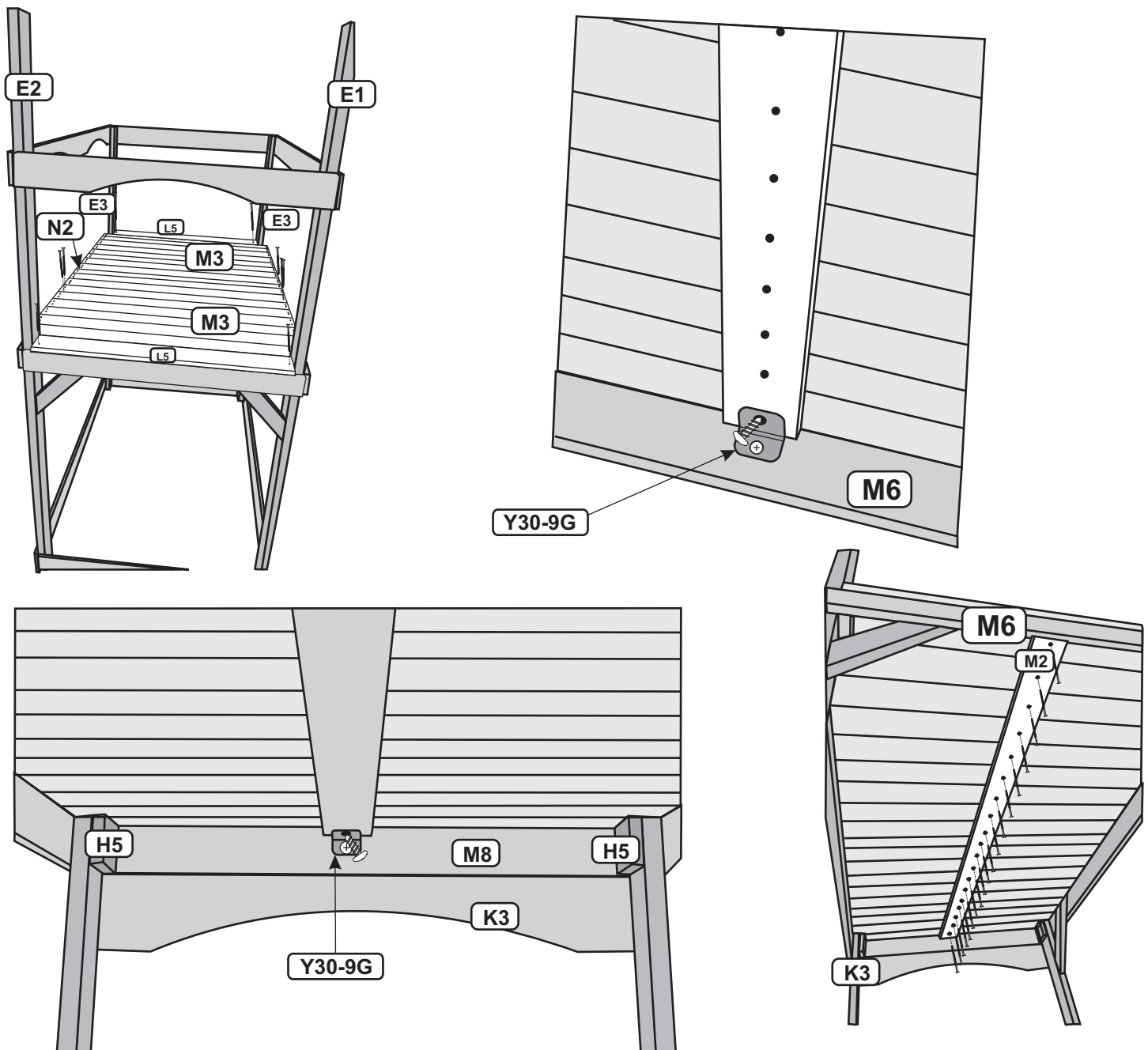
Step 4

Attach two **L5 Floor Boards** one between E3 Tower Legs and one between E1 and E2 Tower Legs using 1 1/2" Wood Screws into H5 Floor Supports.

Attach eight **M3 Floor Boards** then one **N2 Floor Board** and eight more M3 Floor Boards and secure to H1 and H2 Floor Rails with 1 1/2" Wood Screws.

Attach **M2 Floor Runner** to underside of Floor Boards with 1 1/8" Wood screws.

Secure a **Y30-9G L Bracket** to each side of M2 Floor Runner and to M6 Floor Rail and M8 Rail using 3/4" **Self Tapping Screws**.



ITEMS NEEDED

1-E4 Club House Leg
1-E5 Club House Leg
1-M1 Wall Rail
4-M13 Wall Rails
2-M14 Wall Rails

HARDWARE NEEDED

6-5/16" x 1 1/2" Bolts
7-5/16" x 2" Lag Screws
2-#14 x 3/4" Self Tapping Screws
13- Lock Washers for Bolts
6-Lock Washers for Barrel Nuts
6-5/16" x 1" Barrel Nuts
1-Y30-9G L Brackets

Step 5

Attach **E4 Club House Leg** to L2 arch with 5/16" x 1 1/2" Bolts, Lock Washers and 1" Barrel Nuts and Lock Washers. (**Note: position of pilot hole in E4 towards front of set**)

Attach **E5 Club House Leg** to L1 Left Wall rail with 5/16" x 1 1/2" Bolts, Lock Washers and 1" Barrel Nuts and Lock Washers. (**Note position of pilot holes towards front of set**)

(**Note: Make sure to drill pilot holes using a 3/16" drill bit when using Lag Screws to help prevent wood from splitting .**)

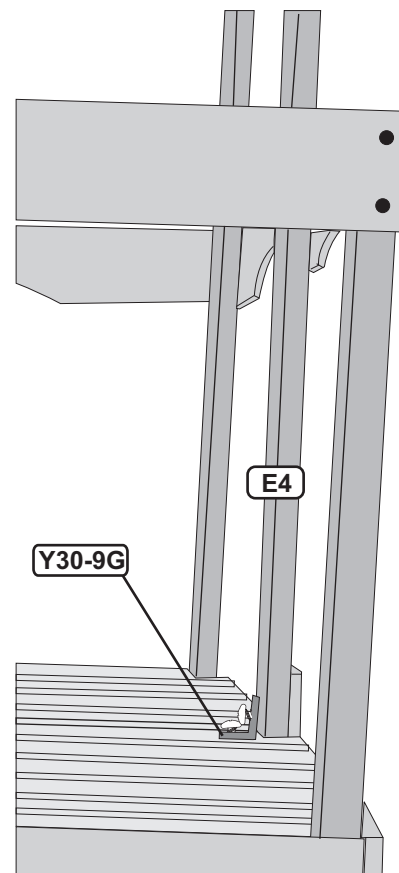
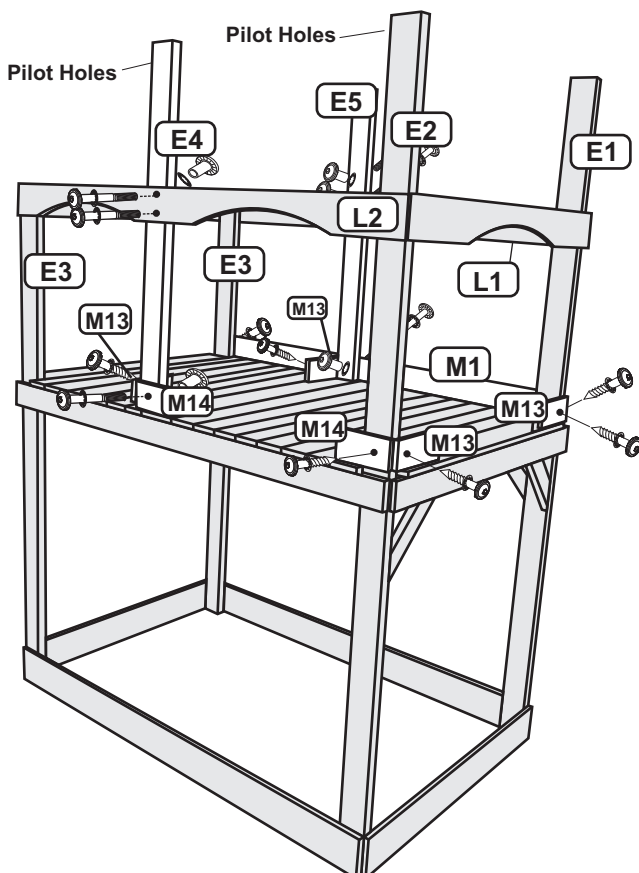
Attach **M1 Wall Rail** to E3 and E1 Tower Legs with 5/16" x 2" Lag Screws and Lock Washers and to E5 Club House Leg using 5/16" x 1 1/2" Bolt, Lock Washer and 1" Barrel Nut and Lock Washer.

Attach **M14 Wall Rail** to E4 Club House Leg with 5/16" x 1 1/2" Bolt, Lock Washer and 1" Barrel Nut and Lock Washer. Level E4 both directions and secure to Floor with Y30-9G using 3/4" Self Tapping Screws.

Attach another M14 Wall Rail to E2 Tower Leg with 5/16" x 2" Lag Screw and Lock Washer.

Attach a **M13 Wall Rail** to both E4 and E5 Club House Legs with 5/16" x 2" Lag Screws and Lock Washers.

Attach two more M13 Wall Rails to E2 and E1 Tower Legs with 5/16" x 2" Lag Screws and Lock Washers.



ITEMS NEEDED

1-G1 Swing Beam Mount
2-M8 Wall Rails
2-M9 Wall Rails

HARDWARE NEEDED

2-5/16" x 2 3/4" Bolts
12-5/16" x 1" Barrel Nuts
2-5/16" x 1 3/4" Barrel Nuts
8-5/16" x 1 1/2" Bolts
2-5/16" x 2" Lag Screws
4-5/16" Spike T Nuts
4-5/16" x 2" Bolts
16-Lock Washers for Bolts
14-Lock Washers for Barrel Nuts

Step 6

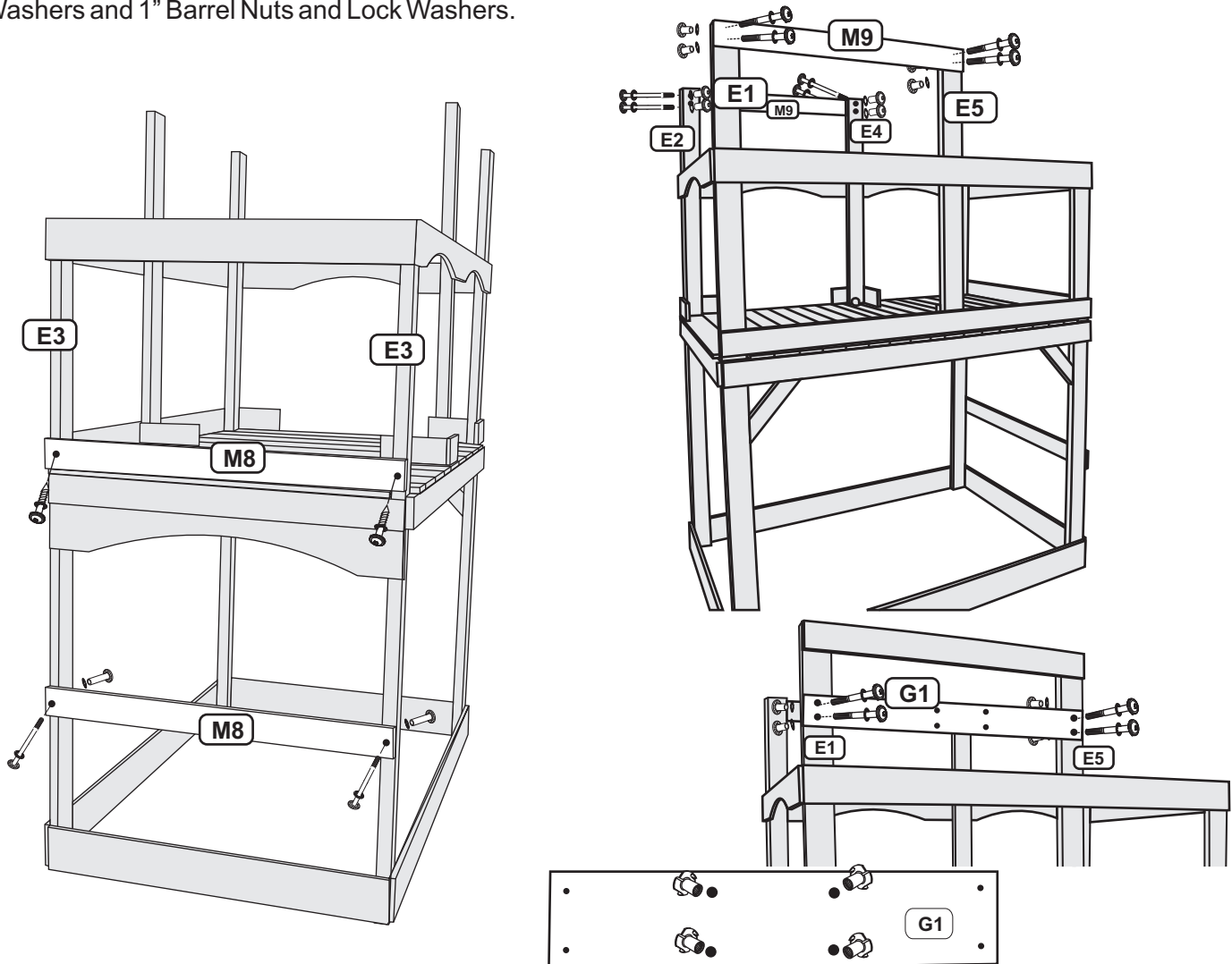
Attach **M8 Wall Rail** to E3 Tower Legs with 5/16" x 2 3/4" Bolts, Lock Washers and 1 3/4" Barrel Nuts and Lock Washers.

Attach a M8 Wall Rail to E3 Tower Legs and on top of floor with 5/16" x 2" Lag Screws and Lock Washers. (**Note: Remember to Pilot drill with 3/16" drill bit When using Lag Screws**)

Attach a **M9 Wall Rail**, to E1 Tower Leg and E5 Club House Leg using 5/16" x 1 1/2" Bolts, Lock Washers and 1" Barrel Nuts and Lock Washers.

Attach another M9 Wall Rail to E4 Club House Leg and E2 Tower Leg with 5/16" x 1 1/2" Bolts, Lock Washers and 1" Barrel Nuts and Lock Washers.

Drive four 5/16" Spike T Nuts into **G1 Swing Beam Mount** and attach G1 to E1 and E5 using 5/16" x 2" Bolts, Lock Washers and 1" Barrel Nuts and Lock Washers.



ITEMS NEEDED

4-H3 Roof Rafters
2-M8 Wall Rails
2-N3 Gable Boards
2-N6 Gable Boards
4-N7 Gable Boards
4-L7 Gable Boards
2-L7 Gable Moons

HARDWARE NEEDED

4-5/16" x 3" Lag Screws
4- Lock Washers for Bolts
20-1 1/4" Wood Screws
10-1 1/8" Wood Screws

Step 7

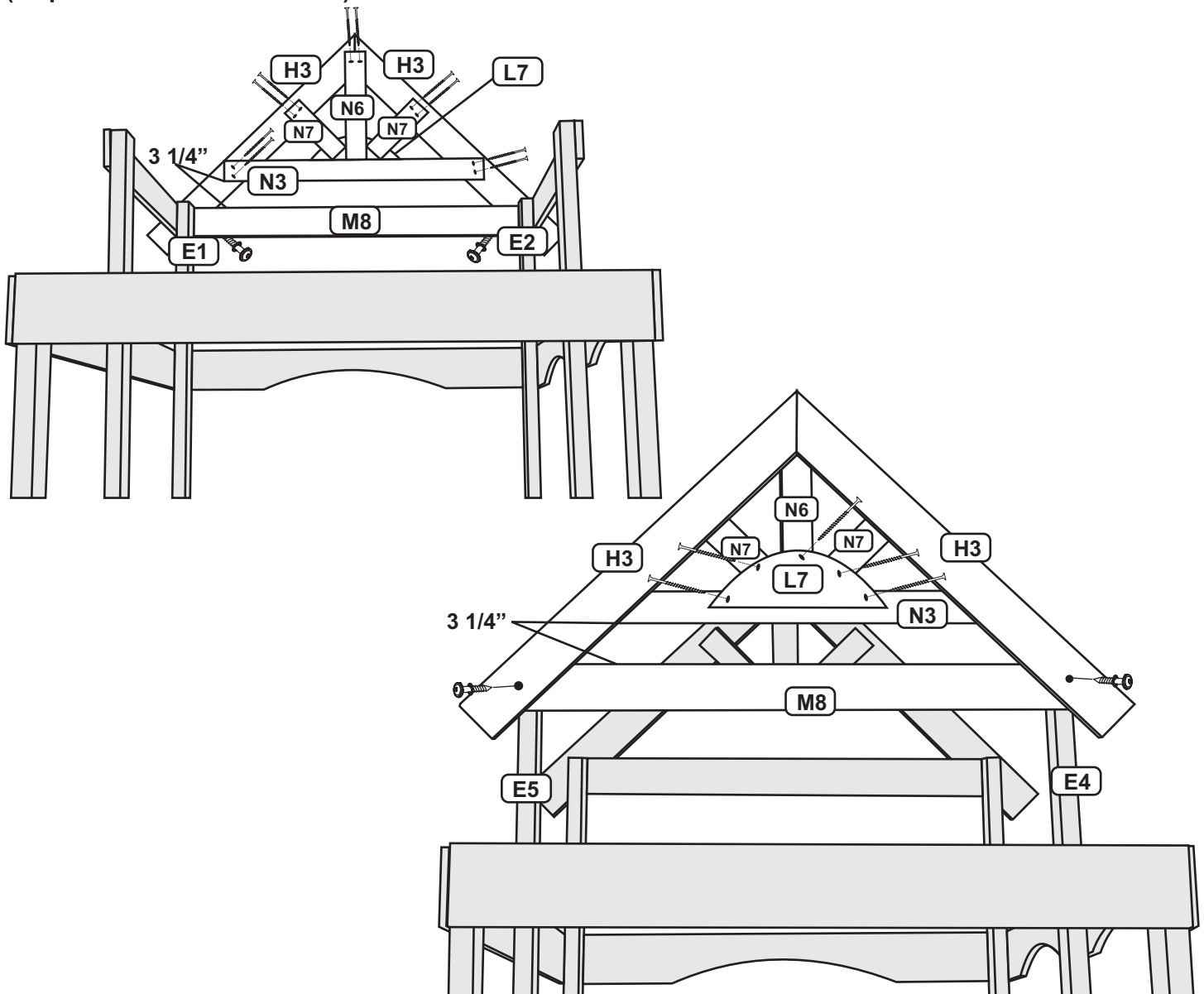
Attach two **H3 Roof Rafter** and M8 Wall Rail to top of E1 and E2 Tower Legs with 5/16" x 3" Lag Screws and Lock Washers and two more H3 and one M8 to E4 and E5 Club House Legs using 5/16" x 3" Lag Screws and Lock Washers.

Measure up 3 1/4" from top of M8 and mark H3 Rafters on back side of set. **Now** attach **N3 Gable Board** to H3 Rafters with 1 1/4" Wood Screws.

Center a **N6 Gable Board** on top of N3 and attach to H3 Rafters at peak using 1 1/4" Wood Screws.

Position a **N7 Gable Board** to each side of N6 and secure to H3 Rafters with 1 1/4" Wood Screws.

Secure a **L7 Gable Moon** to N3, N6, and N7 Gable Boards using 1 1/8" Wood Screws.
(Repeat on front side Rafters.)



ITEMS NEEDED

1-L4 Club House Wall Rail

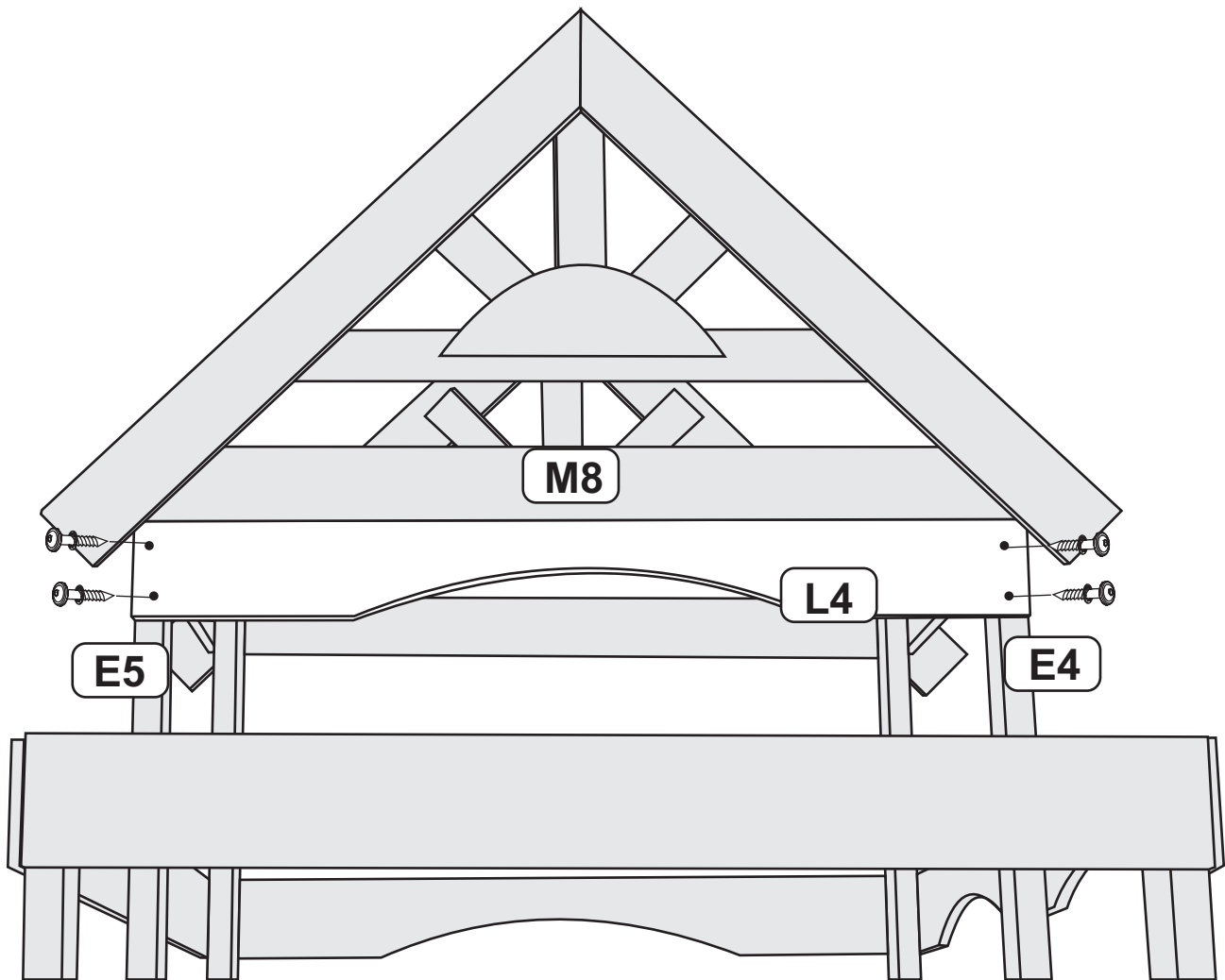
HARDWARE NEEDED

4- 5/16" x 2" Lag Screws

4- Lock Washers for Bolts

Step 8

Attach **L4 Club House Wall Rail** under M8 and to E4 and E5 Club House Legs using 5/16" x 2" Lag Screws and Lock Washers.



ITEMS NEEDED

11-M4 Wall Boards
4-M5 Wall Boards
2-M10 Wall Boards
2-M16 Wall Boards
2-N8 Wall Boards

HARDWARE NEEDED

93-1 1/8" Wood Screws

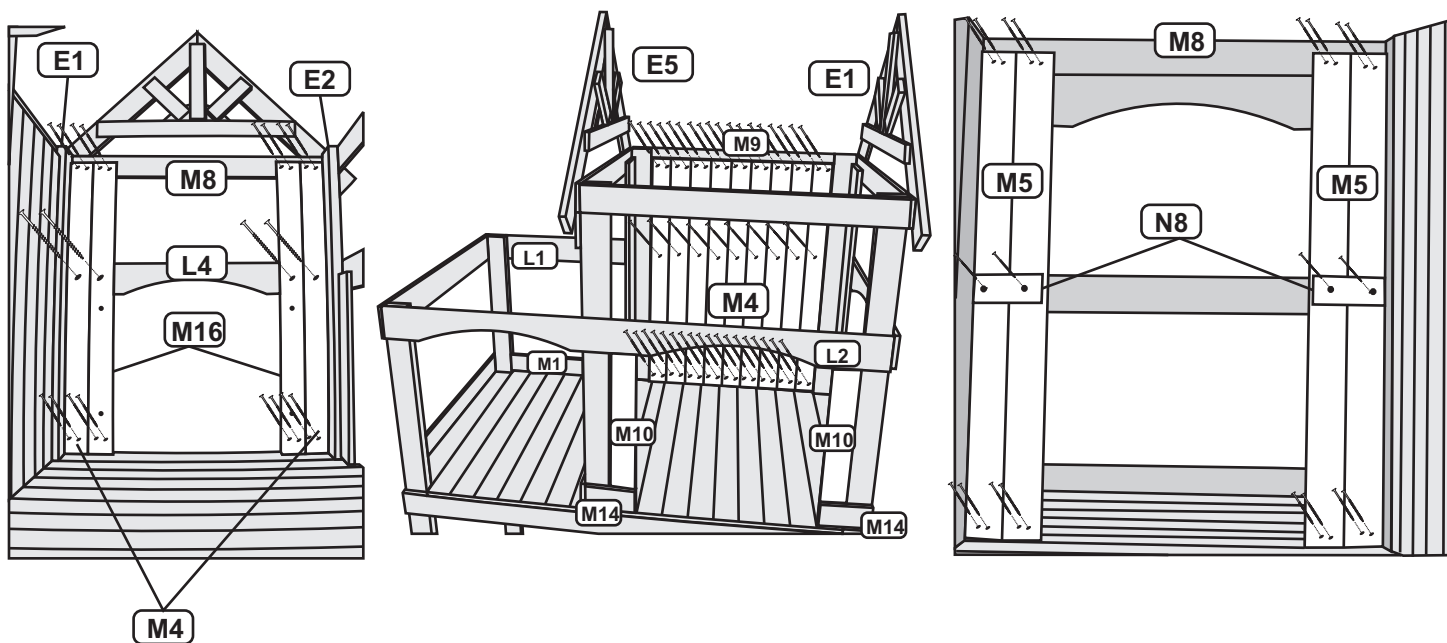
Step 9

Attach a **M4 Wall Board** against E1 and E2 Tower Legs and to M13,L4 and M8 on back side of set with 1 1/8" Wood Screws. Then attach a **M16 Wall Board** against M4 Wall Boards just installed with 1 1/8" Wood Screws.

Attach nine M4 Wall Boards between E1 Tower Leg and E5 Club House Leg to L1 Wall Rail and M1 Wall Rail and M9 Wall Rail with 1 1/8" Wood Screws.

On right side of set attach a **M10 Wall Board** to each side of opening to M14 Wall rail and L2 Wall Rail using 1 1/8" Wood Screws.

Attach four **M5 Wall Boards** to M13 and M8 in opening on front of set using 1 1/8" Wood Screws. Measure up 20" and mark M5 Wall Boards on both sides and attach **N8 Wall Support** using 1 1/8" Wood Screws.



ITEMS NEEDED

3-M12 Wall Boards
8-M15 Wall Boards

HARDWARE NEEDED

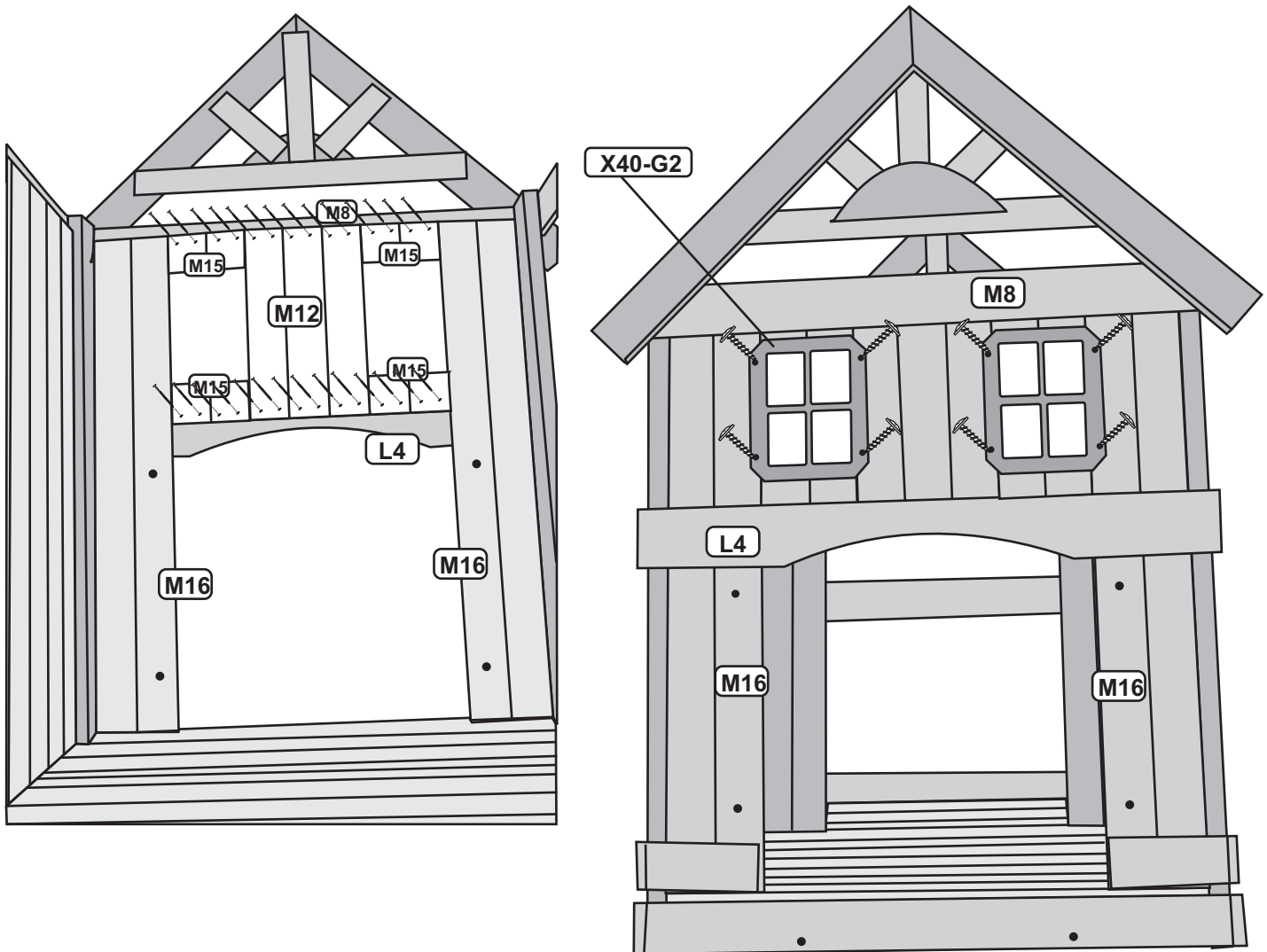
2-X40-G2 Window Frames
28- 1 1/8" Wood Screws
8-3/4" Washer Head Screws

Step 10

On back side of set attach two **M15 Wall Boards** flush with top of M16 Wall Boards and secure to M8 Wall Rail with 1 1/8" Wood Screws, then three **M12 Wall Boards** flush with top of M15 and secure with 1 1/8" Wood Screws and two more M15 Wall Boards with 1 1/8" Wood Screws.

Now flush two more M15 Wall Boards with bottom of and on each side of M12 Wall Boards and secure to L4 Wall Rail with 1 1/8" Wood Screws.

Attach two **X40-G2 Window Frames** to outside of wall and secure to M12 Wall Boards using 3/4" Washer Head Screws.



ITEMS NEEDED

2- L6 Bay Window Boards
6- N5 Bay Window Boards
6- N9 Bay Window Boards

HARDWARE NEEDED

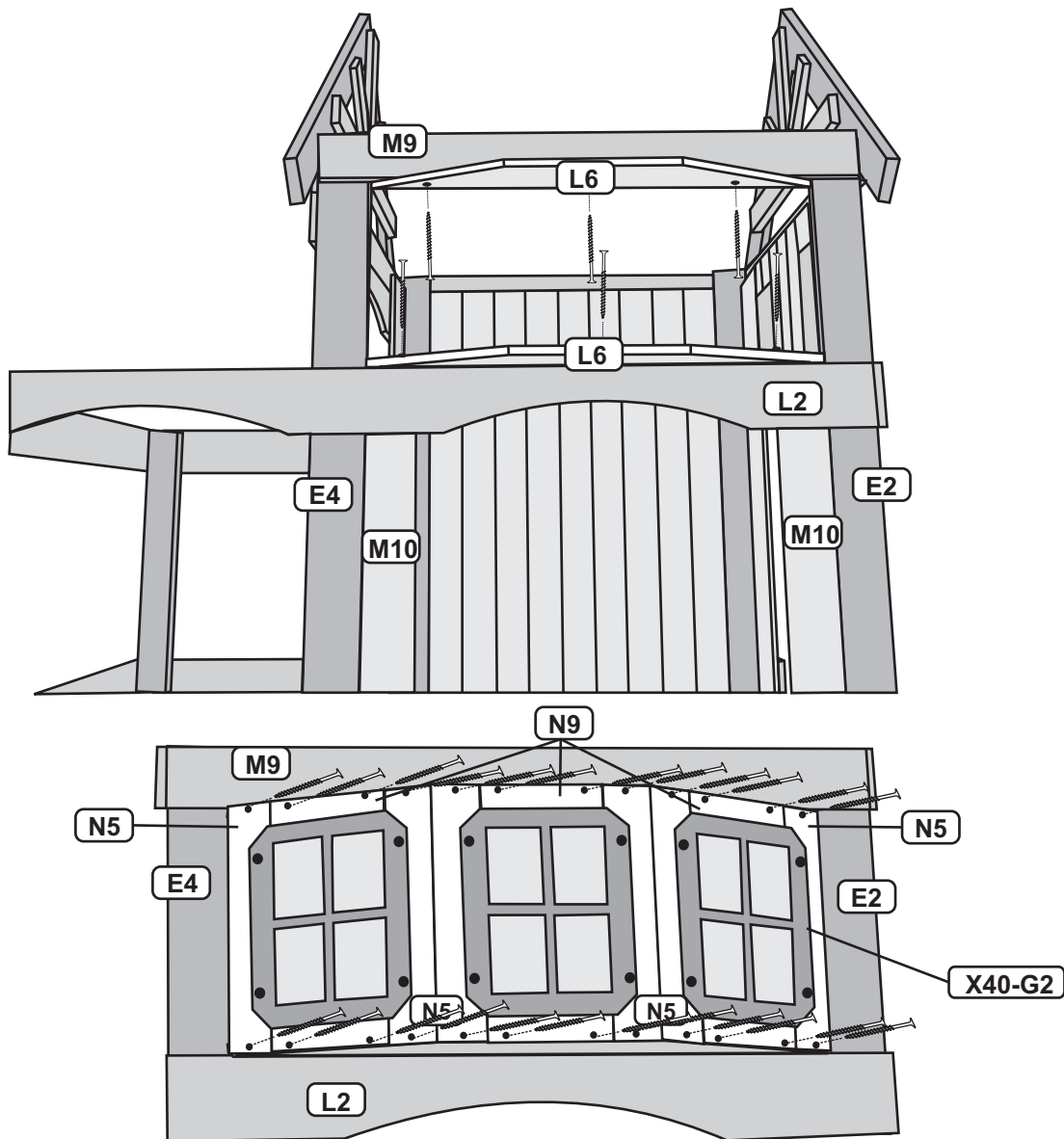
6- 1 1/4" Wood Screws
24- 1 1/8" Wood Screws
12- 3/4" Washer Head Screws
3- X40-G2 Window Frames

Step 11

On right side of set center a **L6 Bay Window Board** in opening and secure to L2 Wall Rail with 1 1/4" Wood Screws. Now secure another L6 to M9 Wall Rail with 1 1/4" Wood Screws.

Starting at left side attach a **N5 Bay Window Board** tight against Club House wall and secure to L6 Boards with 1 1/8" Wood Screws. Now place a **N9 Bay Window Board** at top and bottom L6 and against N5 and secure with 1 1/8" Wood Screws. Secure two more N5 Boards and another N9 at top and bottom then a last N5 using 1 1/8" Wood Screws.

Attach three X40-G2 Window Frames to outside of Bay Window using 3/4" Washer Head Screws.



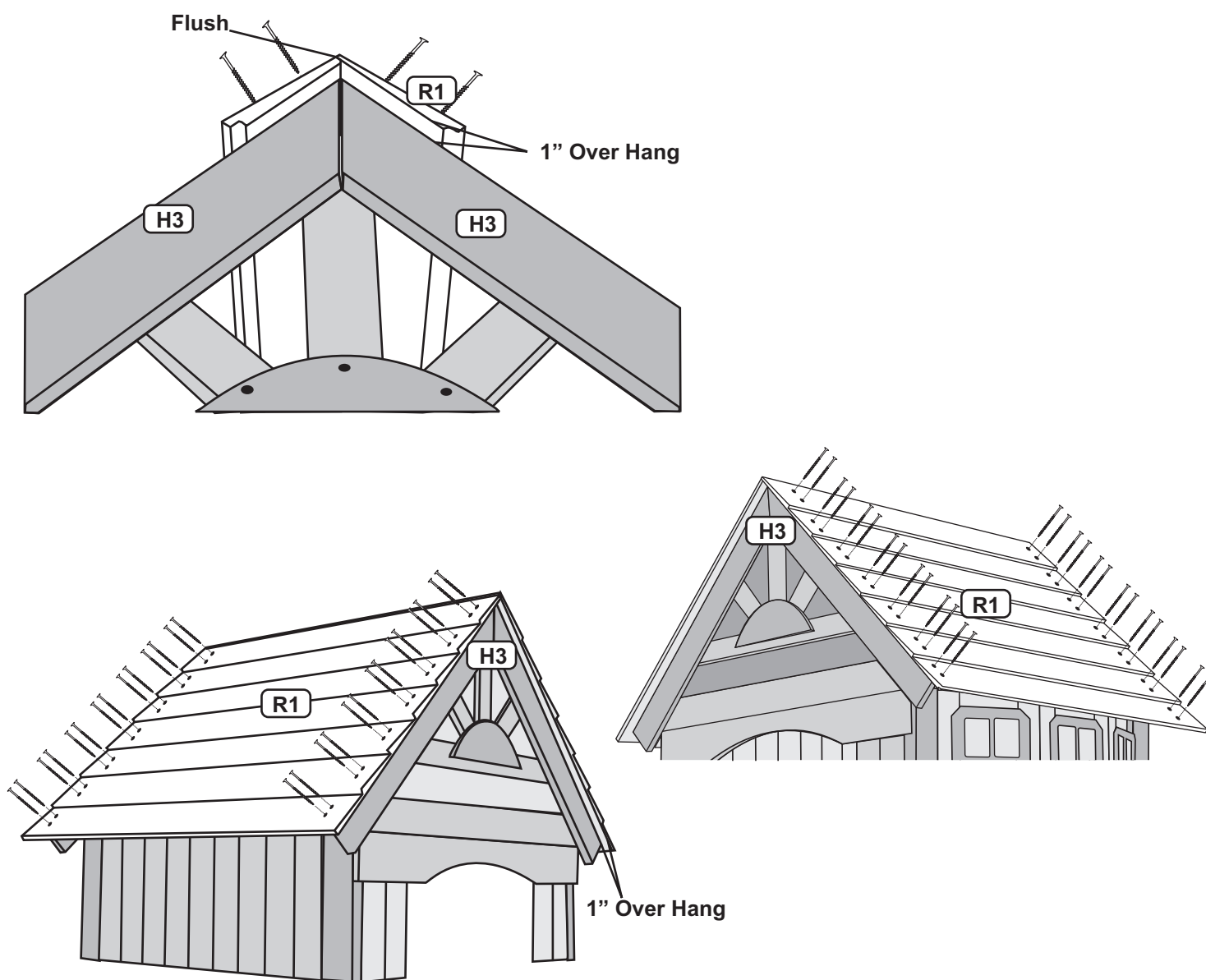
Step 12

Starting flush with Peak of Rafters on left side of set leaving a 1" overhang on front and back attach a **R1 Roof Slat** to H3 Rafters with 1 ½" Wood Screws.

On right side of set flush a R1 to one previously installed on left side and secure with 1 ½" Wood Screws.

Finish roof by securing six more R1 Roof Slats to each side of set.

(Note: on last R1 on each side you may need to move last screw up to hit rafter.)



ITEMS NEEDED

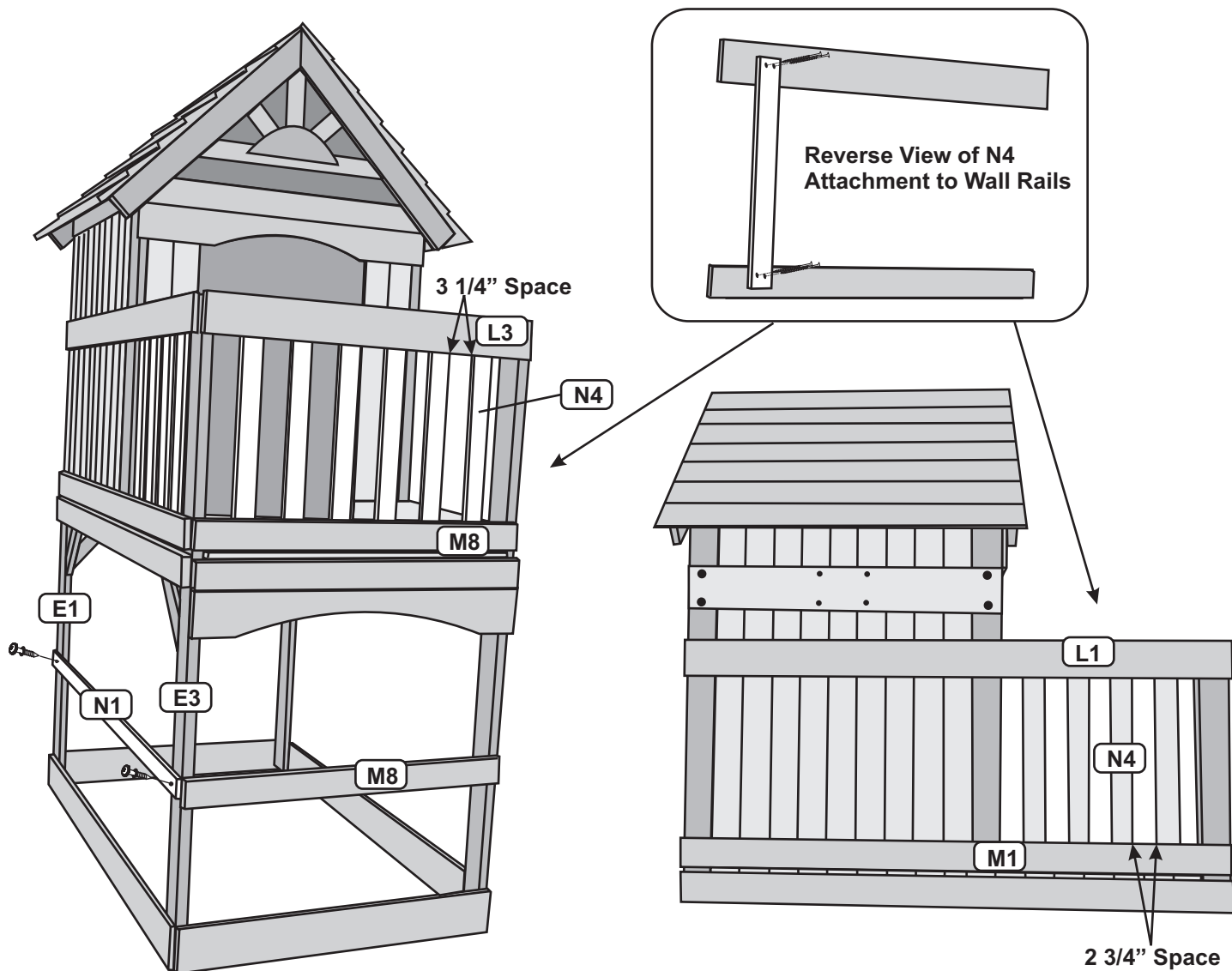
1-N1 Swing Block
10-N4 Wall Boards

HARDWARE NEEDED

20- 1 1/8" Wood Screws
2-5/16" x 2" Lag Screws
2- Lock Washers for Bolts

Step 13

Attach six **N4 Wall Boards** to M8 and L3 Wall Rails on front wall with a 3 1/4" space using 1 1/8" Wood Screws. Attach four more to M1 and L1 Wall Rails left Wall with a 2 3/4" space using 1 1/8" Wood Screws.



Step 14

Attach **N1 Swing Block** to E3 and E1 Tower Legs flush with top of M8 Wall Rail and level across Tower Legs using 5/16 x 2" Lag Screws and Lock Washers.

ITEMS NEEDED

2-H4 Table Supports
1-K4 Table Top
2-M7 wall Boards
2-M7 wall Boards
9- M11 Wall Boards

HARDWARE NEEDED

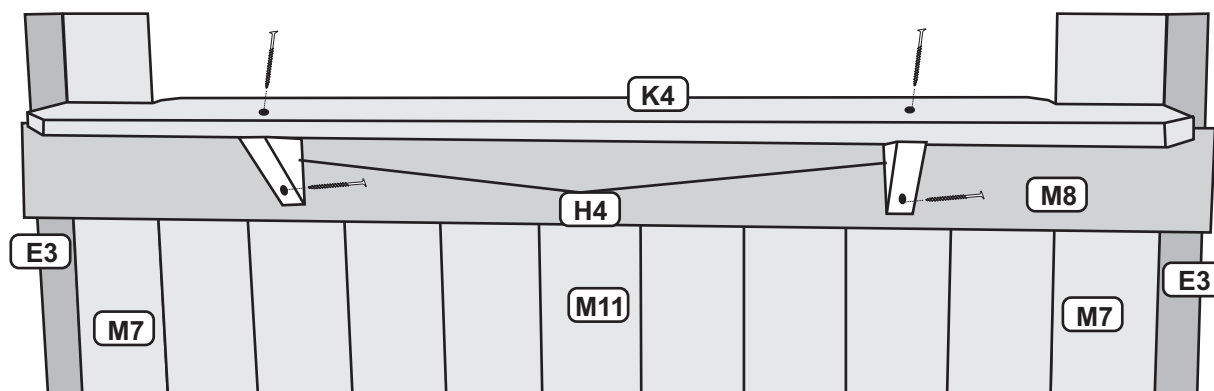
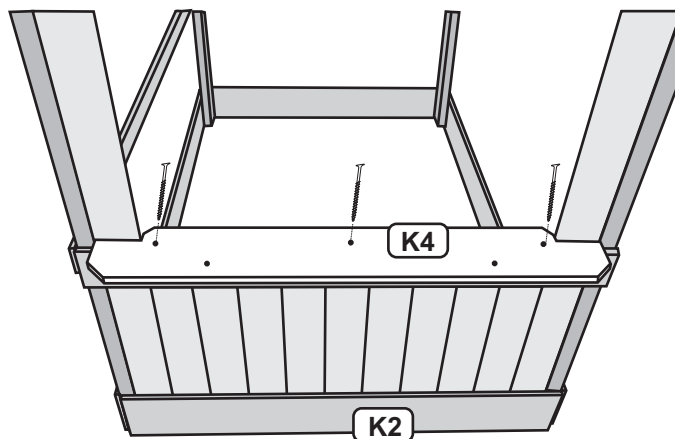
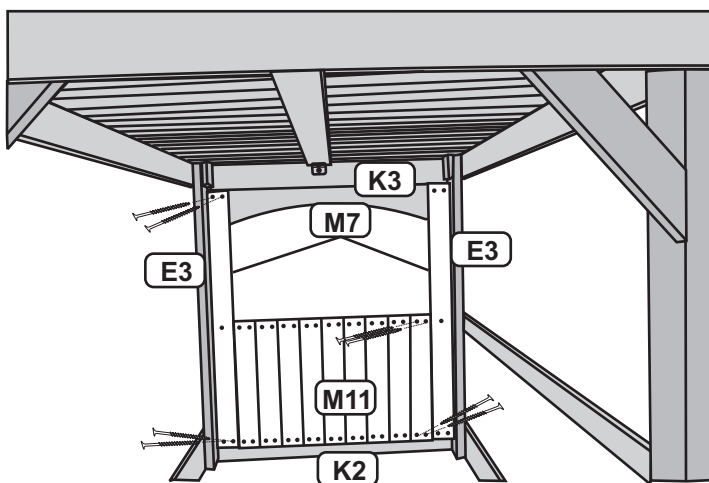
36- 1 1/8" Wood Screws
7- 1 1/4" Wood Screws

Step 15

Attach a **M7 Wall Board** against E3 Tower Legs on each side of front of set and secure to K2 Base Board and K3 Front Arch using 1 1/8" Wood screws.

Attach nine **M11 Wall Boards** to K2 Base Board and M8 Wall Rail with 1 1/8" Wood Screws.

Attach **K4 Table Top** to M8 Wall Rail using 1 1/4" Wood Screws. Now secure two **H4 Table Supports** to M11 Wall Boards and K4 Table Top using 1 1/4" Wood Screws.



ITEMS NEEDED

2- H8 Rock Wall Rails
6- M17 Rock Wall Slats
8-M19 Rock Wall Slats
1-01 Rock Wall Cap

HARDWARE NEEDED

6- X20-G Rocks
2- 5/16" x 2 1/2" Lag Screws
2- Lock Washers for Bolts
60- 1 1/2" Wood Screws
2- Lock Washers for Bolts
12- 1" Phillips truss Head Bolts
12- 1/4" Barrel Nuts
12- Fender Washers
12- 5/16" Internal Tooth Lock Washers

Step 16

Begin Rock Wall by attaching six **X20-G Rocks** to **M17 Rock Wall Slats** with 1/4" x 1" Phillips Truss Head Bolts, 5/16" Lock Washers and Fender Washers and 1/4" Barrel Nuts.

Step 17

Set **H8 Rock Wall Rails** up against H2 Floor Rail on Left side of set and attach **O1 Rock Wall Top Cap** to Rock Wall rails using 1 1/2" Wood Screws.

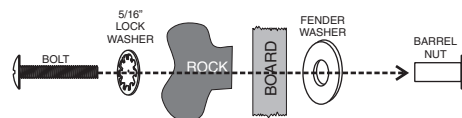
Now position Rock Wall Rails so that Rock Wall Cap is flush with floor and lined up with holes in H2 Floor rail and using Holes in floor rail pilot drill Rock Wall rails with a 3/16" drill bit.

Attach Rock Wall Rails to H2 with 5/16" x 2 1/2" Lag Screws and Lock Washers.

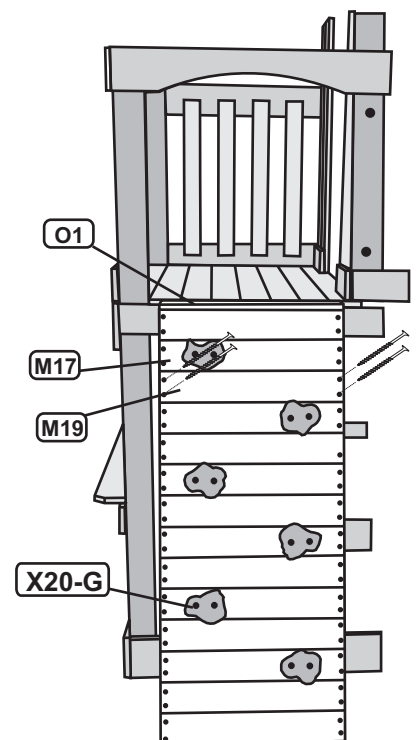
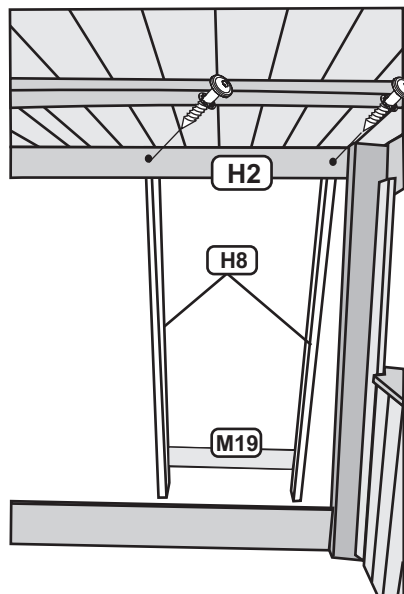
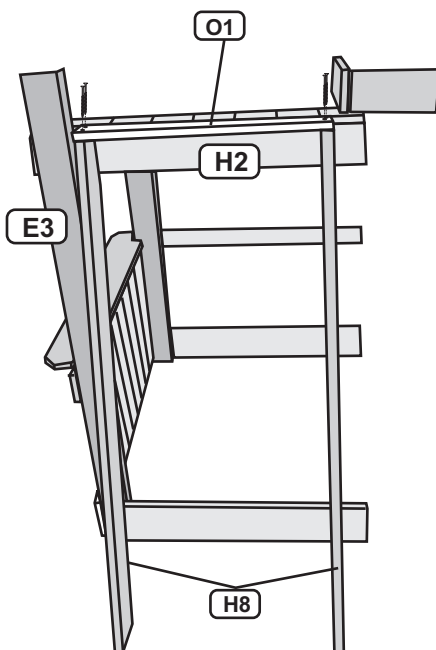
Place a **M19 Rock Wall Slat** at bottom of Rails and secure with 1 1/2" Wood Screws temporarily to get width correct on Rock Wall.

Start at top of Rock Wall with a M19 then a M17 Rock Wall Slat and continue to bottom alternating and secure with 1 1/2" Wood Screws.

Diagram 1



Use 1/4" x 1" Phillips Truss Head Bolt with 5/16" Lock Washer. Then place Fender Washer on Barrel Nut and attach Rock to each board.



ITEMS NEEDED

1-H9 Lt Ladder Upright
1-H10 Rt Ladder Upright
1-M21 Ladder Rear Support
4-H7 Ladder Rungs

HARDWARE NEEDED

4-Y10-16.5 Hand Grips
4- 5/16" x 1" Bolts
4- 5/16" x 1" Barrel Nuts
4- 5/16" x 5/8" Barrel Nuts
4- 5/16" x 1/2" Bolts
2- 5/16" x 2" Lag Screws
20- 2" Wood Screws

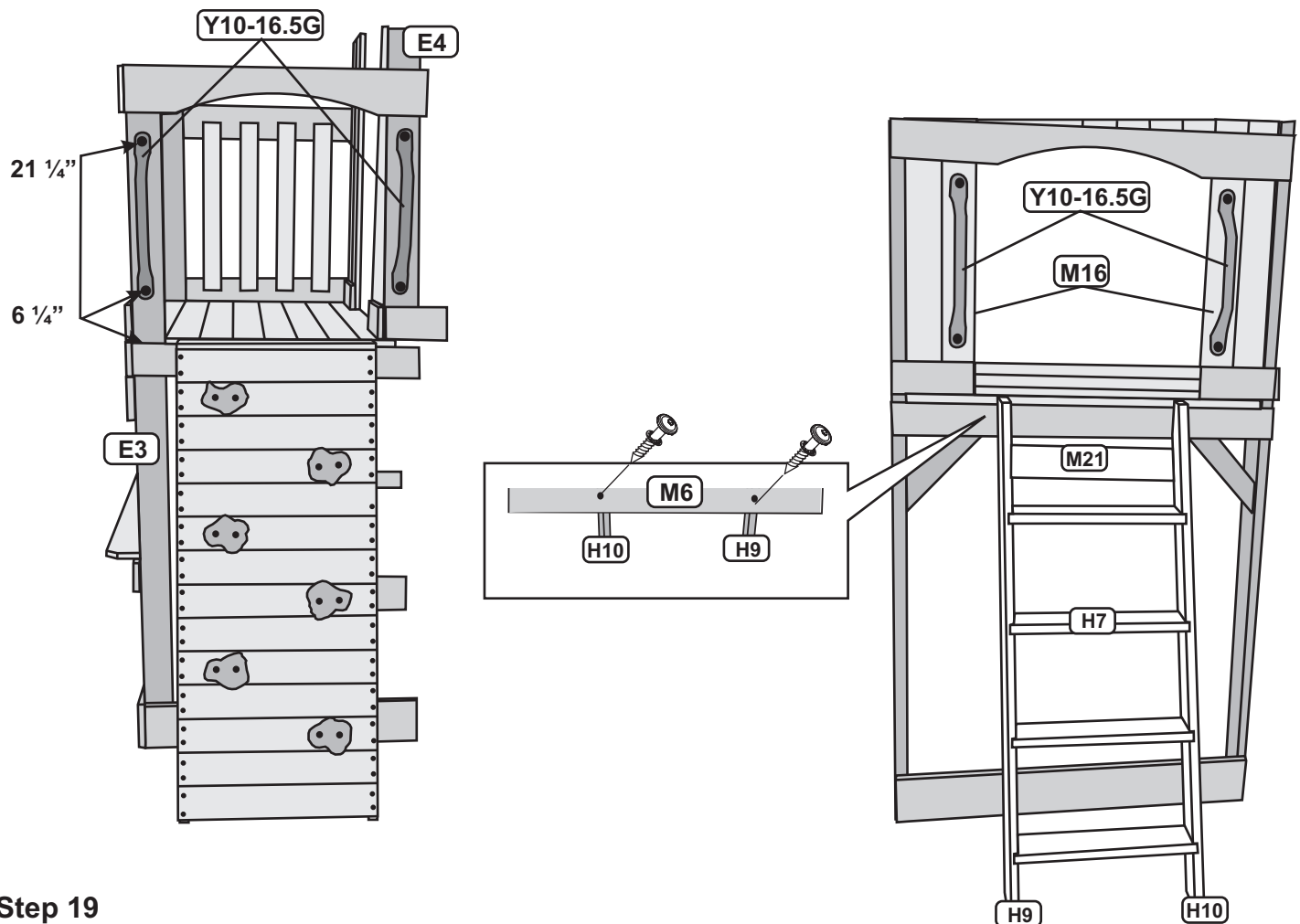
2-Lock Washers for Bolts
8-Lock Washers for Barrel Nuts

Step 18

Attach a **Y10-16.5G Hand Grip** to E4 Club House Leg with 5/16" x 1" Bolts, Lock Washers and 1" Barrel Nuts and Lock Washers.

Attach Y10-16.5G to E3 Tower Leg by measuring up 6 1/4" and 21 1/4" from H2 Floor Rail and mark and drill with 7/16" drill bit and secure Hand Grip with 5/16 x 1" Bolts, Lock Washers and 1" Barrel Nuts and Lock Washers.

Attach two more Y10-16.5G Hand Grips to M16 Wall Boards on back of set using 5/16" x 1/2" Bolts, Lock Washers and 5/8" Barrel Nuts and Lock Washers.



Step 19

Attach four **H7 Ladder Rungs** to **H10 Ladder Upright (Right)** using 2" Wood Screws. Now place **H9 Ladder Upright (Left)** on other side and secure with 2" Wood Screws.

Attach **M21 Ladder Rear Support** to back side of Entry Ladder Rails with 2" Wood Screws.

Position Entry Ladder assembly flush to Top of Floor and with holes in M6 Floor Rail and using holes in Floor Rail pilot drill Ladder Rails with 3/16" drill bit and secure Ladder to Floor with 5/16" x 2" Lag Screws and Lock Washers.

ITEMS NEEDED

1-M20 Slide Brace

HARDWARE NEEDED

- 1-Slide Bed
- 3-5/16" x 1/2" Bolts
- 3-5/16"x 5/8" Barrel Nuts
- 3- Lock Washers for Barrel Nuts

Step 20

Drill three holes at one end of the plastic slide bed using a 5/16" drill bit and using the dimensions shown in Figure 1. This end will be the top of the slide.

Take note of slide bed surface finish, the dull side will be towards the ground. Place **Slide Support Bottom M20** centered on the bottom (dull side) of slide bed and 1/4" from the edge. Transfer holes on the board through the slide bed as shown in Illustration.

Attach the Slide Support Bottom M20 to the bottom of the slide bed using 5/16 x 1/2" bolts, 5/8" Barrel Nuts and Lock Washers as shown below.

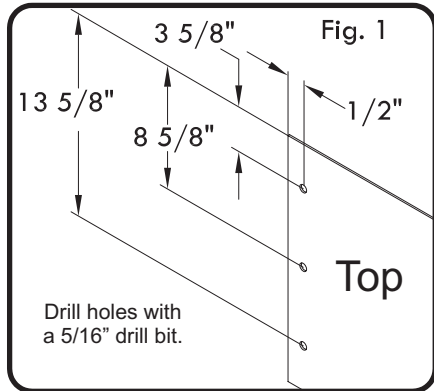


Fig. 1

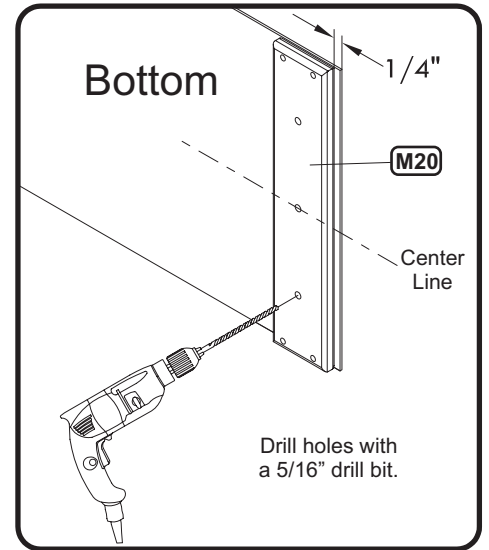
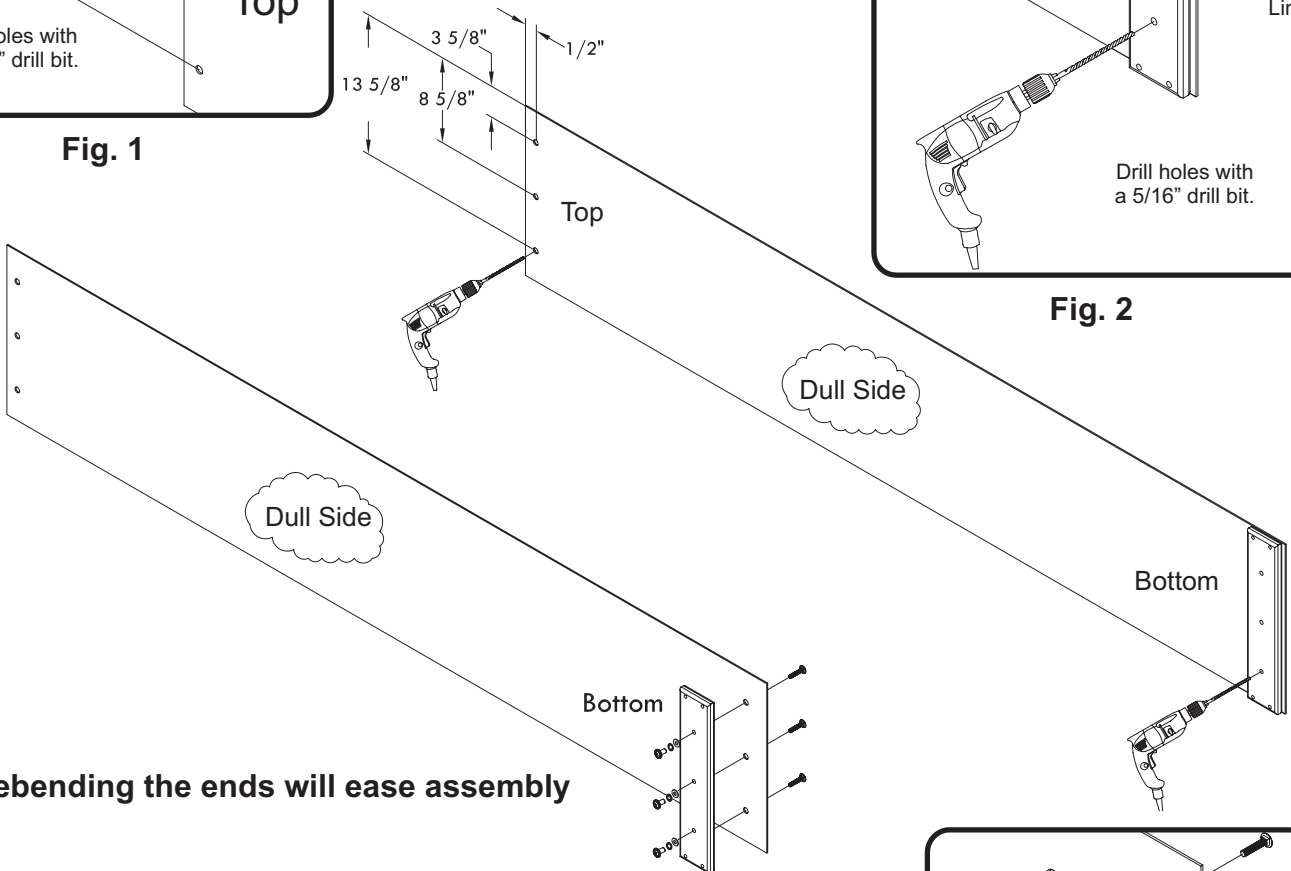
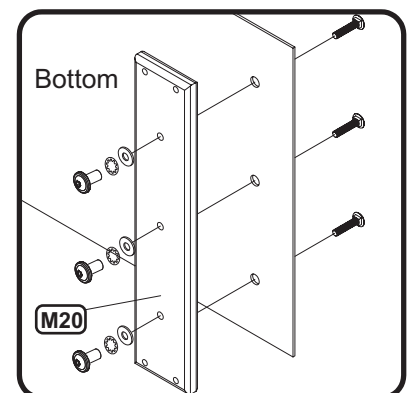


Fig. 2



Tip: Prebending the ends will ease assembly

Fig. 3



ITEMS NEEDED

2-M18 Slide Center Board

HARDWARE NEEDED

1-Right Slide Rail

1-Left Slide Rail

1-Slide Bed

24-3" Wood Screws

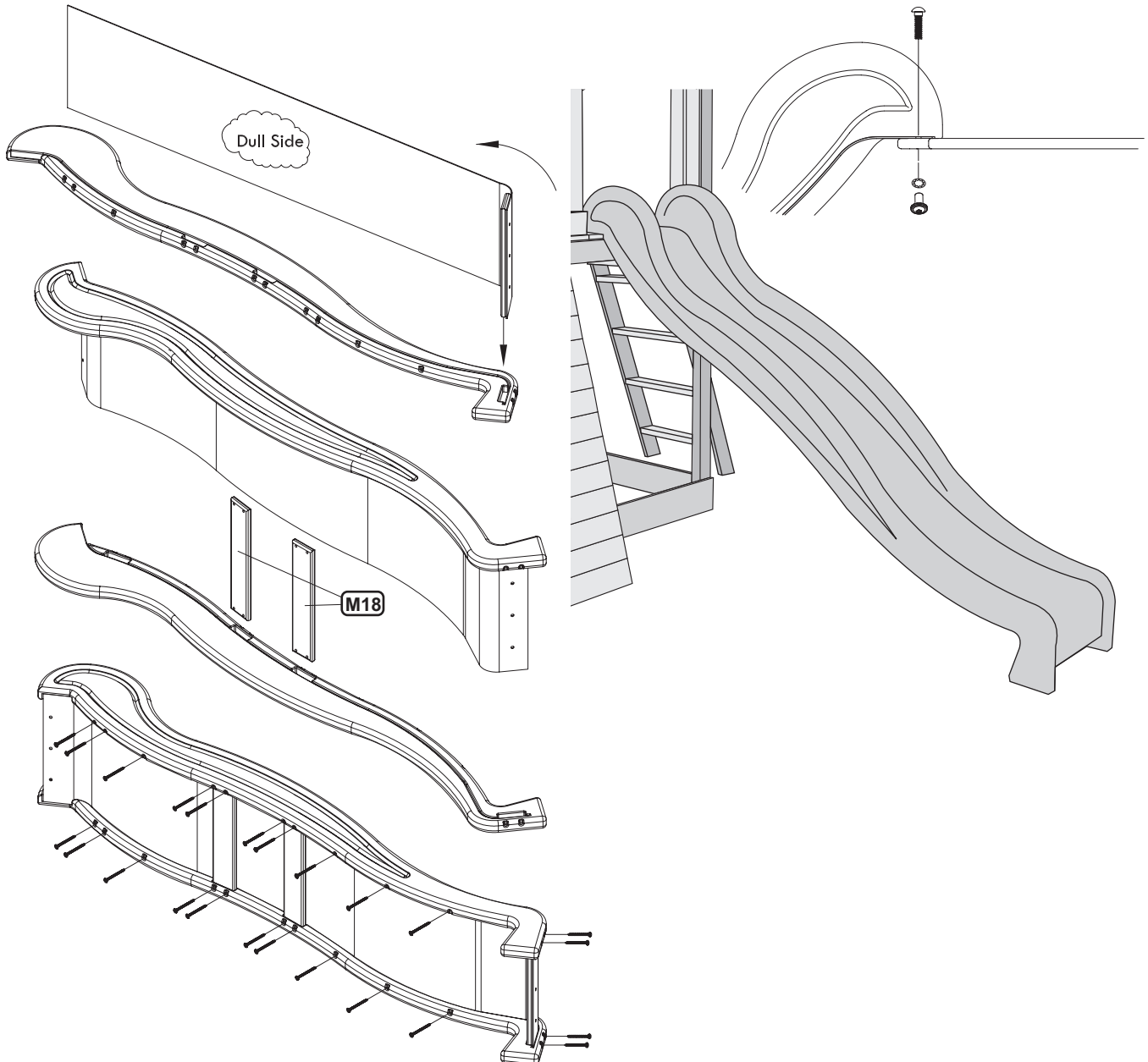
Step 21

Place one slide rail on a flat surface and begin inserting slide bed at the bottom of the slide rail. Put slide support bottom into the support pocket at the bottom of rail and 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.

Place the other slide rail on a flat surface with the slide cavity up. Have a helper hold the top end of slide bed and begin inserting the slide bed and slide supports M18 into the cavity and support pockets starting at the bottom of slide and working up to the top.

Once bed and supports are completely in the cavity and in the support pockets, secure using 3" Wood Screws at each of the (24) pilot hole locations as shown below.

Set Slide assembly in opening and using holes in Slide mark Floor Boards. Move Slide out of the way and drill through Floor Boards with a 7/16" drill bit. Set Slide back in place and attach to Floor using 5/16" x 1/2" Bolts, Lock Washers, and 5/8" Barrel Nuts and Lock Washers.



ITEMS NEEDED

1-SB1 Swing Beam
2-PH1 A Frame Legs
1-H6 A Frame Ground Board

HARDWARE NEEDED

1-Y20-LG
1-Y20-RG
1-Y20-EG End Plate
2-Y46-5G Swing Beam Bracket
1-ID Plate
4-5/16 x 2 3/4" Hex Bolts
8-5/16" Lock Nuts

2-5/16 x 2" Lag Screws
4-5/16 x 2" Carriage Bolts
4-5/16 x 1 1/4" Hex Bolts
4-5/16" Flat Washers
4-5/16" Lock Washers
2-5/16 x 1" Bolts
14 Fender Washers
2-1 3/4" Barrel Nuts
2-1 1/8" Wood Screws

Step 22

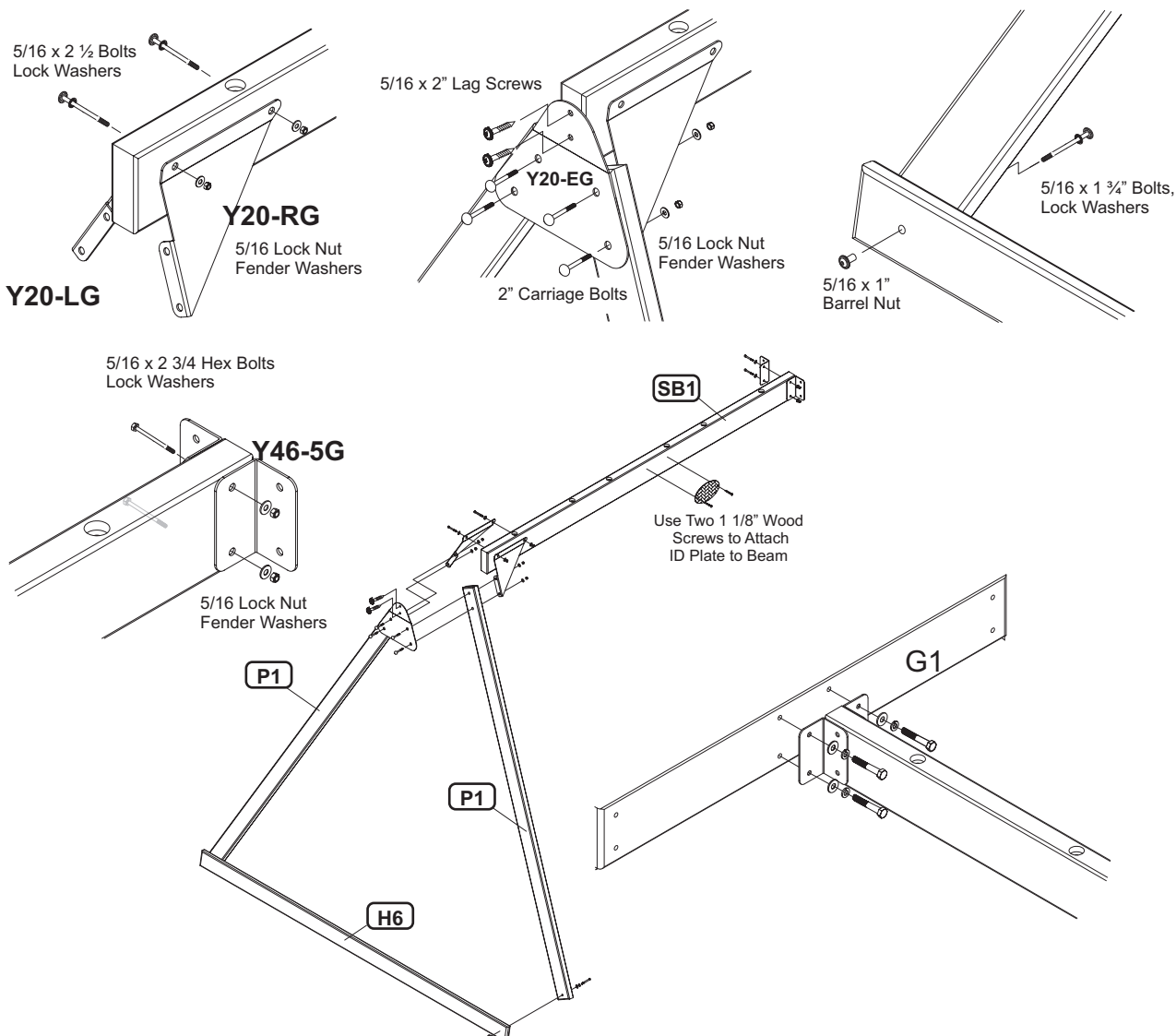
Attach **Y20-LG** and **Y20-RG** to **SB1 Swing Beam** using 5/16" x 2 3/4" Bolts and Lock washers on one side and Fender Washers and 5/16" Lock Nuts on other.

Attach **PH1 A-Frame Legs** to Y20-LG and Y20-RG using 5/16" x 2" Carriage Bolts through **Y20-EG End Plate** then A-Frame Legs and into Y20RG and Y20-LG and secure with Fender Washers and 5/16" Lock Nuts. Use 5/16 x 2" Lag Screws through plate into Swing Beam

Attach **H6 A-Frame Ground Board** to A-Frame legs with 5/16" x 1 3/4" Bolts, Lock Washers and 1" Barrel Nuts.

Attach **Y46-5G Swing Beam Brackets** to Swing Beam using 5/16" x 2 3/4" Hex Bolts and Lock Washers on one side and Fender Washers and 5/16" Lock Nuts on other.

Attach Swing Beam assembly to G1 Swing Beam Mount using 5/16" x 1 1/4" Hex Bolts, 5/16" Lock Washers, 5/16" Flat Washers into Spike T Nuts inserted in G1 earlier in assembly. Attach ID Plate to Swing Beam with 1-1/8" Wood Screws.



ITEMS NEEDED

6-Y41 Ground Stakes

HARDWARE NEEDED

6-1/4 x 1 1/4" Phillip Truss Head Bolts

6-1/4" Barrel Nuts

12-Fender Washers

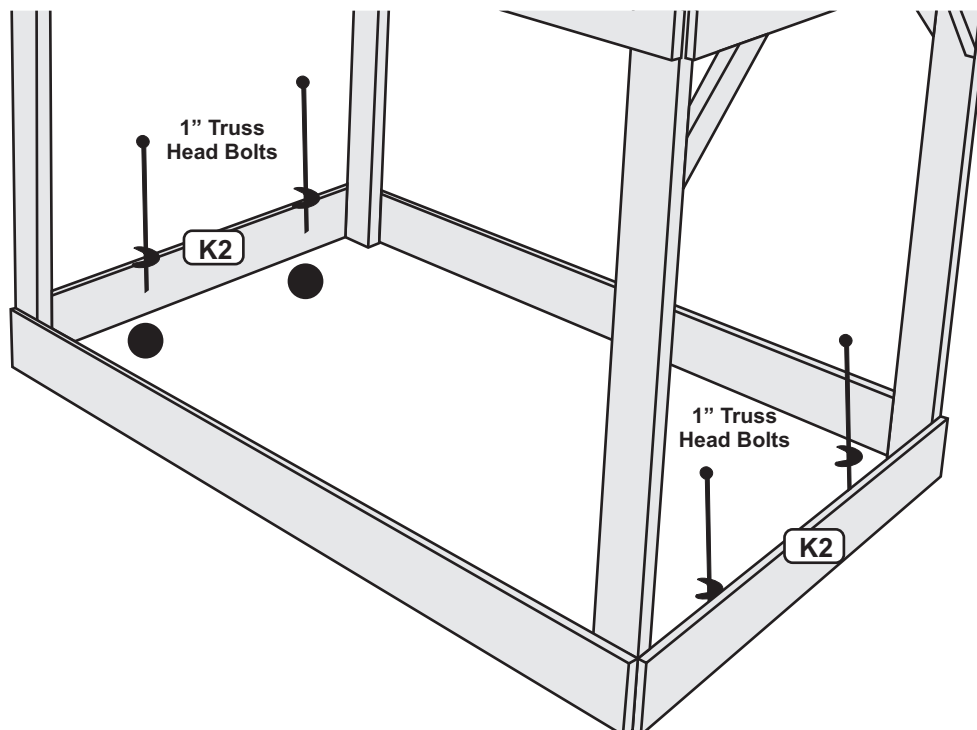
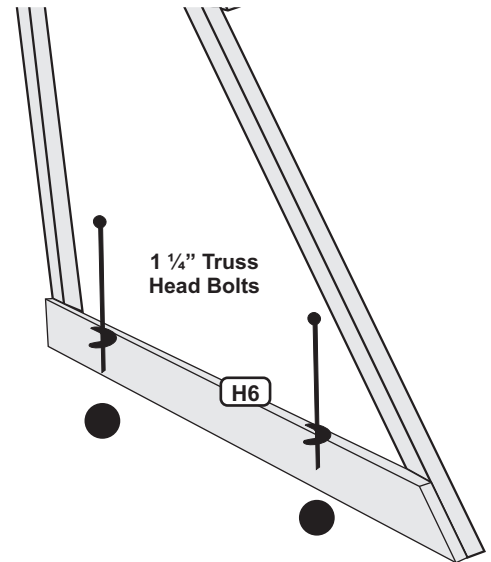
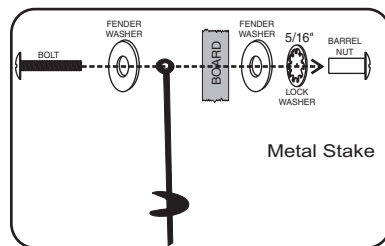
6-5/16" Lock Washers

Step 24

Position playset in permanent location and secure to ground. Measure in 4" from Tower Legs and 4" from inside of K2 Base boards and mark ground. This should allow enough space to twist Stakes into ground using screwdriver for leverage.

Twist Stakes until eye is approximately 3" from ground surface. Using eye in Stake as guide drill thru Base Boards with 3/8" drill bit and attach Stakes with 1" Phillips Truss Head Bolts 5/16" Lock Washers, Fender Washers and 1/4" Barrel Nuts as shown.

Now measure in 6" from outside H6 Swing Beam Ground Board and mark ground. Twist Stakes until eye is approximately 3" from ground surface. Using eye in Stake as guide drill thru Base Boards with 3/8" drill bit and attach Stakes with 1 1/4" Phillips Truss Head Bolts 5/16" Lock Washers, Fender Washers and 1/4" Barrel Nuts as shown.



Limited Warranty

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 and 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.

This Warranty gives you specific legal rights. You may have other rights as well which vary from state to state or province to province. This warranty excludes all consequential damages, however, some states do not allow the limitation or exclusion of consequential damages and therefore this limitation may not apply to you.

Pro Rated Part Replacement Schedule

Product Age

All Parts

0-30 days from date of purchase

31 days to 1 year

Customer Pays

\$0 and free shipping

\$0 + S&H

Wood Rot and Decay Only

1 year

2 years

3 years

4 years

5 years

Over 5 years

\$0 and free shipping

20% + S&H

40% + S&H

60% + S&H

80% + S&H

100% + S&H

Garantía limitada

Esta garantía limitada de Backyard Discovery se aplica a productos fabricados bajo la marca Backyard Discovery o sus otras marcas incluyendo a título informativo pero no limitativo Backyard Botanical, Adventure Playsets, y Leisure Time Products.

Backyard Discovery garantiza que este producto no tiene defectos de material ni de mano de obra durante el período de un (1) año a partir de la fecha original de compra. Esta garantía de un (1) año ampara todas las piezas incluyendo la madera, los herrajes, y accesorios. La madera tiene una garantía prorrateada de cinco (5) años contra la descomposición y el deterioro. Refiérase a la tabla que sigue para los cargos relacionados con el reemplazo de las piezas bajo esta garantía limitada. Adicionalmente Backyard Discovery reemplazará cualesquiera piezas que faltaren en el empaque original o estuviesen dañadas dentro de los primeros 30 días a partir de la fecha de compra.

Esta garantía se aplica al propietario original y al registrante y **no es transferible**. El mantenimiento regular es un requisito para lograr el máximo de vida útil y rendimiento de este producto. Si el propietario no presta el mantenimiento conforme a los requisitos puede anularse la garantía. Las pautas de mantenimiento se indican en el Manual del Propietario.

Esta garantía limitada no ampara:

- Mano de obra por cualquier inspección.
- Mano de obra para el reemplazo de cualesquiera piezas defectuosas.
- Daños accidentales o resultantes
- Defectos de orden cosmético que no afecten el rendimiento o integridad de una pieza o del producto completo.
- Vandalismo, uso inadecuado, fallas debido a la carga o el uso que excedan las capacidades establecidas en el Manual de Ensamblaje correspondiente.
- Actos de la naturaleza que incluyen, a título informativo más no limitativo, viento, tormentas, granizo, inundaciones, excesiva exposición al agua.
- Instalación inadecuada incluyendo a título informativo más no limitativo, la instalación en tierra dispareja, desnivelada o poco compacta.
- Torceduras menores, deformaciones, fisuras o cualquier otra característica natural de la madera que no afecte el rendimiento o la integridad.

Los productos de Backyard discovery han sido diseñados para brindar seguridad y calidad. Cualquier modificación que se haga al producto original podría dañar la integridad estructural de la unidad lo cual podría conducir a fallas y la posibilidad de lesiones. La modificación anula cualquiera garantía en particular y todas las garantías en general y Backyard Discovery no asume responsabilidad por cualquier producto modificado ni por las consecuencias que resultaren de la falla de un producto modificado.

Este producto está garantizado para USO RESIDENCIAL ÚNICAMENTE. Bajo ninguna circunstancia debe utilizarse un producto Backyard Discovery en lugares públicos tales. Tal uso podría ocasionar falla del producto y lesiones potenciales. El uso público anulará esta garantía. Backyard Discovery desconoce toda otra representación o garantía de cualquier índole, expresa o implícita.

Esta garantía le otorga derechos legales específicos. También podría gozar de otros derechos, los cuales varían de un estado a otro o de una provincia a otra. Esta garantía excluye todos los daños resultantes. Sin embargo, algunos estados no permiten la limitación o exclusión de los daños resultantes, por lo tanto es posible que esta limitación no aplique en su caso.

Tabla prorrateada de reemplazo de piezas

Edad del producto

Todas las piezas

0-30 días a partir de la fecha de compra

31 días a 1 año

El cliente paga

\$0 y envío gratis

\$0 + envío y manejo

Descomposición y deterioro de la madera únicamente

1 año

2 años

3 años

4 años

5 años

Más de 5 años

\$0 y envío gratis

20% + Envío y manejo

40% + Envío y manejo

60% + Envío y manejo

80% + Envío y manejo

100% + Envío y manejo