



VARSITY

Safety Guide & Assembly Instructions



We're Here To Help!

Call Toll Free **1-888-752-9782**
Customer Service: Monday - Friday, 8:00 A.M. to 5:00 P.M. C.S.T.

SAFETY

- This product is intended for single-family residential use only, by children ages two to ten and a maximum weight of 105 pounds. Any recommendation over 10 years of age or 105 pounds exceeds the upper limits specified in the American Society for Testing and Materials (ASTM) Home Playground Safety Standard. In order for PlayStar to comply with the ASTM Standard, we cannot recommend anyone above these limits.
- It is a misuse of this product when installed or used in places of public assembly such as schools or parks.
- Follow the instructions provided, do not alter its design in any way.
- Construction requires at least two adults capable of heavy lifting.
- Thoroughly read all safety instructions before beginning.
- Children must remain clear of construction site until this product is properly installed and ready for use.
- Save these instructions in the event the manufacturer has to be contacted.

The Consumer Product Safety Commission provides the following consumer information for your Home Playground Equipment

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 F1292. There are different types of surfacing to choose from; whichever product you select, follow these guidelines:

NOTE: 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 or death 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.

Loose-Fill Materials

PlayStar Playsets require fall-height protection from eight feet.

- 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. NOTE: An initial fill level of 12 inches will compress to about a 9-inch depth of surfacing over time. The surfacing will also compact, displace, and settle, and should be periodically refilled to maintain at least a 9-inch depth.

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

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.

- Installations of these surfaces generally require a professional and are not "do-it-yourself" projects.
- Review surface specifications before purchasing this type of surfacing. Ask the installer/manufacturer for a report showing that the product has been tested to the following safety standard: ASTM F1292 *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.

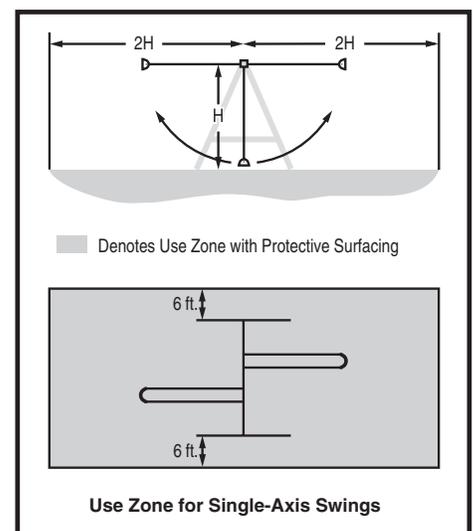
- Check the protective surfacing frequently for wear.

Placement

Proper placement and maintenance of protective surfacing is essential.

Be sure to;

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



SAFETY

INSTALLATION:

1. Follow the instructions provided, do not alter its design in any way.
2. Place the equipment on level ground, not less than 6' (1.8m) from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines or electrical wires. If the area where you will be installing your playset is not level, you must make it level.
3. Playsets must be anchored to the ground. Follow the anchoring instructions provided with your building kit. If soil conditions permit anchors to be pulled out easily, such as in sandy soil conditions, cementing is required.
4. Tighten all bolts securely to the intended member then cut off all protruding threaded ends of bolts with a hack saw **flush to the end of the nut** and remove sharp edges with a metal file.

WARNING: Children must not use the playset until properly installed and proper shock-absorbing surfacing material is in place.

OPERATION: Observing and following statements and warnings reduces the likelihood of serious or fatal injury.

1. On-site adult supervision is recommended for children of all ages.
2. Only one child, for each single planned

seat or single planned activity should be allowed on this set at one time, with a maximum weight of **105 pounds** for each child.

WARNING: You must teach children the following:

- A. **Not** to walk close to, in front of, behind, or between moving items.
 - B. **Not** to twist swing chains or ropes or loop them over the top support bar since this may reduce the strength of the chain or rope.
 - C. **Avoid** swinging empty seats.
 - D. **To Sit** in the center of the swings with their full weight on the seats.
 - E. **Not** to use the equipment in a manner other than intended.
 - F. **Not** to get off equipment while it is in motion.
 - G. **Not** to climb when equipment is wet.
 - H. **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.
3. Verify that suspended climbing ropes are secured at both ends and that they cannot be looped back on themselves.
 4. Never add extra length to chain or rope.

The chains or ropes provided are the maximum length designed for the swinging element(s).

5. Dress children appropriately and do not allow them to wear inappropriate items, such as but not limited to, loose fitting clothing, hood and neck draw strings, scarves, cord-connected items, capes, and ponchos. These items can cause death by strangulation. Provide well-fitting and full enclosure footwear. Examples of inappropriate footwear are clogs, flip flops, and sandals.
6. Verify that all suspended swinging components have at least 8" clearance between the lowest point of component and top of shock-absorbing surfacing material.

WARNING: Lawn swings are designed for use by children two years of age and older. Use by children under the age of two can result in entrapment between the seat and backrest. **NEVER** place children in a rearward facing position or with legs between the seat and backrest because the child's body may pass through the opening causing entrapment of the child's head.

DISPOSAL:

When the playset is to be retired from service, disassemble and dispose of in such a way that no unreasonable hazards will exist. Follow your local disposal requirements.



ANNUAL MAINTENANCE CHECKLIST

(Copy this section as needed and maintain for your records or visit www.playstarinc.com/maintenance)

At the beginning of play season: Date: _____

- 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 CRF 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: Date: _____

- Tighten all hardware.
- Check all protective coverings on bolts, pipes, edges, and 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: Date: _____

- 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 play season or when the temperature drops below 0° F: Date: _____

- 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.

Owner shall be responsible for maintaining the legibility of any warning labels. If any of these conditions exist, call 1-888-752-9782 for ordering information.
Clean plastic components with warm water and a mild detergent such as dish soap.

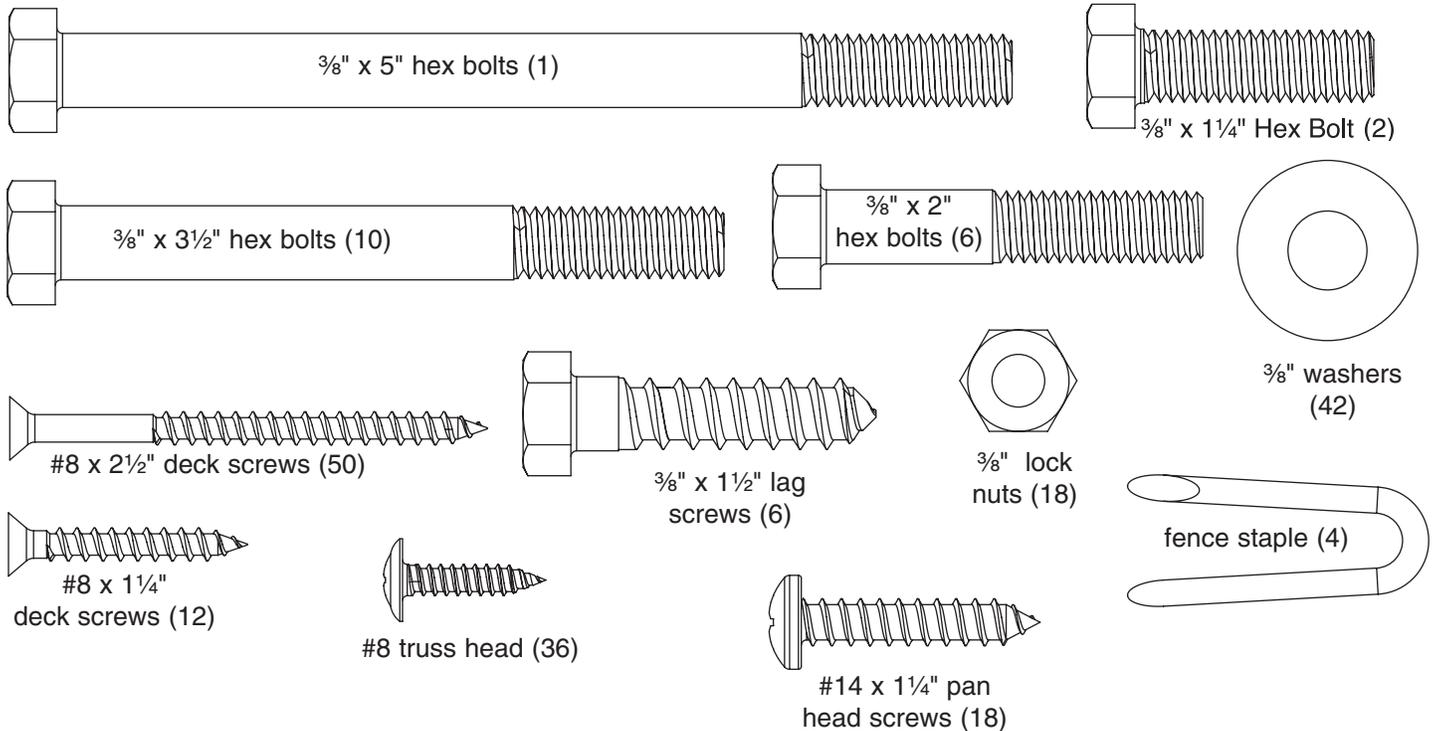
TOOLS REQUIRED

Socket Wrench
 7/16", 1/2" & 9/16" Socket
 1/2" & 9/16" Wrench or Adjust. Wrench
 Ladder
 Tape Measure
 Safety Glasses

Drill
 Saw Horses (Optional)
 Square
 Phillips Screwdriver
 Hammer
 1/8", 1/4" & 3/8" Drill Bit

Hack Saw
 Metal File
 Pencil
 Tape

HARDWARE INCLUDED (shown actual size)

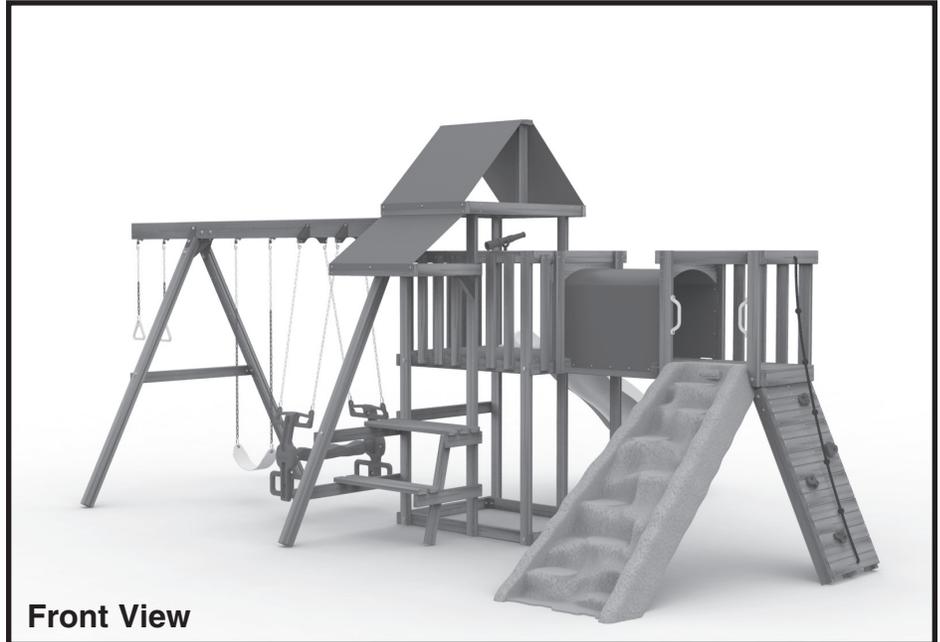


CONTENTS – Gold Design Option

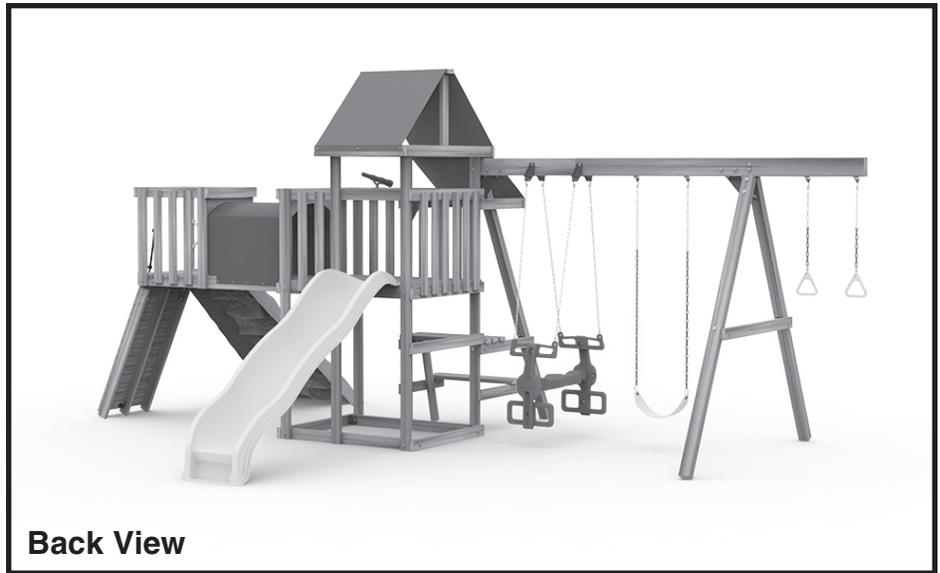


Contents:

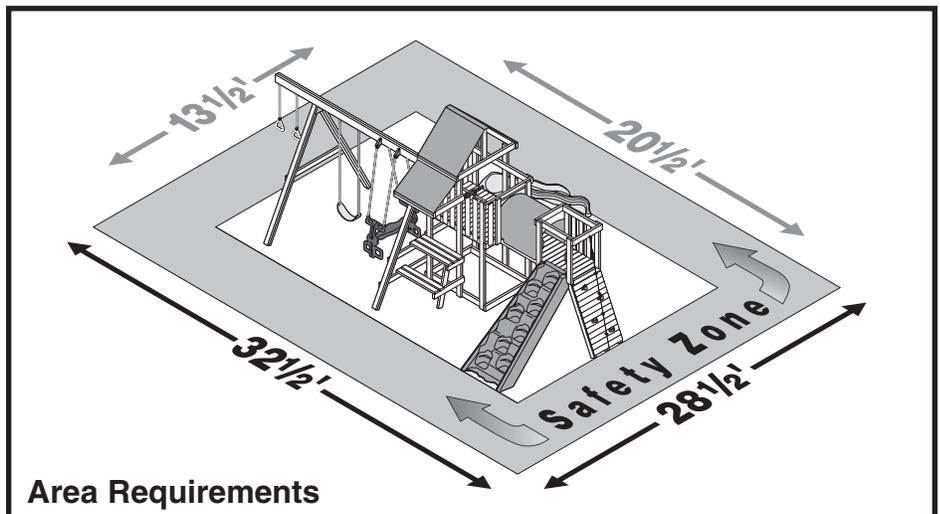
- 1 Tower
- 2 Roof "T" Assemblies
- 1 Bridge-Tunnel Assembly - With:
 - 2 Play Handles
- 1 Tunnel (Green)
- 1 Wood Rock Wall (4 Rocks)
- 1 Picnic Table Assembly
- 1 Laminated Leg
- 1 Swing Beam (10' Right w/ Air Rider)
- 1 A-Frame
- 4 2" X 4" X 3 1/2" boards
- 2 2" X 4" X 2 1/4" boards
- 1 Scoop Wave Slide
- 1 Climbing Wall
- 1 Air Rider (Assembled)
- 1 Component Box - Includes:
 - 1 Swing Assembly (Yellow)
 - 2 Gym Ring Assemblies (Yellow)
 - 1 Telescope Assembly
 - 1 Twisted Rope
 - 9 Anchor Augers
 - 1 Sturdy-Frame Brace
 - 1 Corner Brackets
 - 1 Tarp Large
 - 1 Tarp Awning
 - 1 Hardware Bag
 - 1 Varsity F-B Instructions



Front View



Back View



Area Requirements

CONTENTS – Silver Design Option



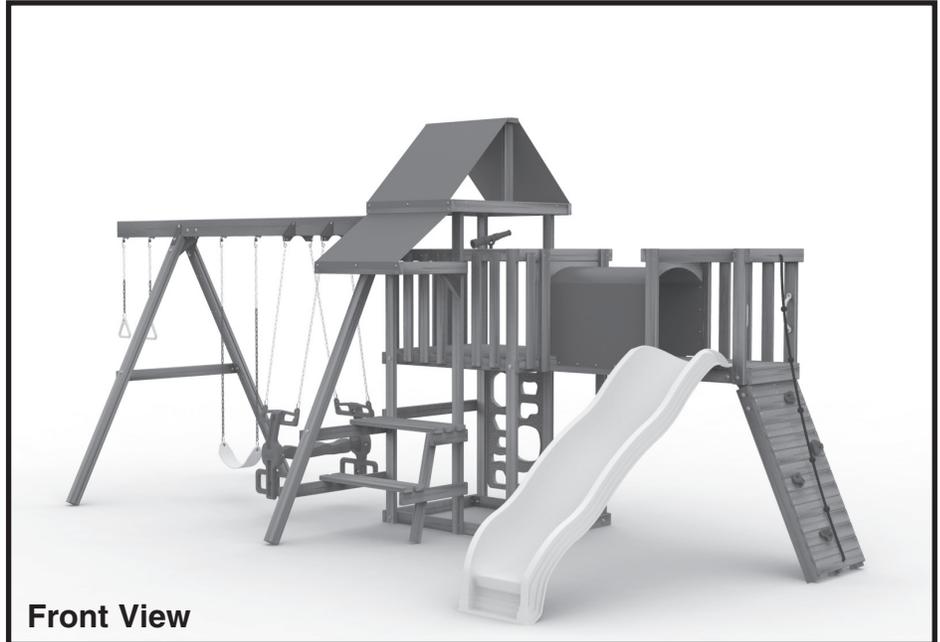
Contents:

- 1 **Tower - With:**
 - 1 Vertical Climber
- 2 **Roof “T” Assemblies**
- 1 **Bridge-Tunnel Assembly - With:**
 - 2 Play Handles
- 1 **Tunnel (Green)**
- 1 **Wood Rock Wall (4 Rocks)**
- 1 **Picnic Table Assembly**
- 1 **Laminated Leg**
- 1 **Swing Beam**
(10' Right w/ Air Rider)
- 1 **A-Frame**

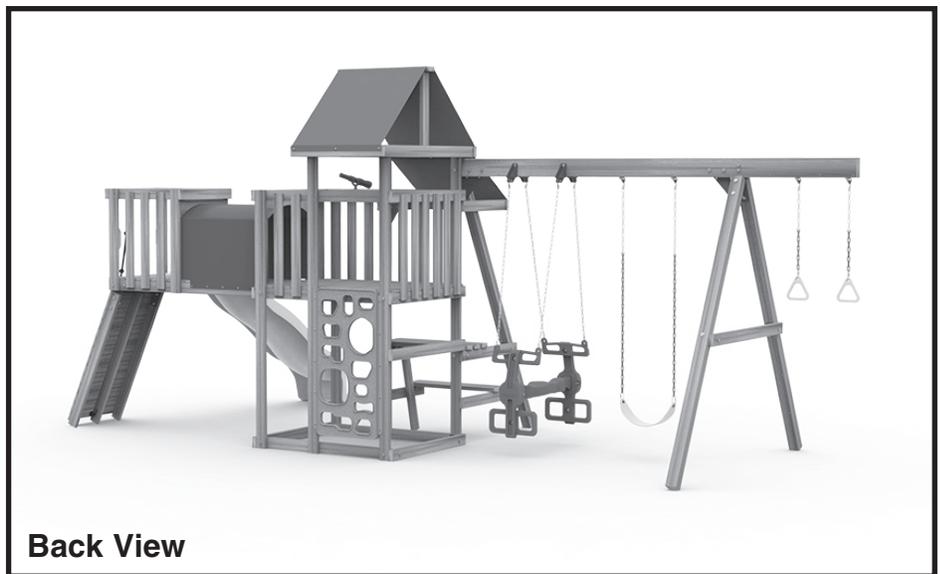
- 4 **2" X 4" X 31½" boards**
- 2 **2" X 4" X 24¼" boards**

- 1 **Scoop Wave Slide**
- 1 **Air Rider (Assembled)**

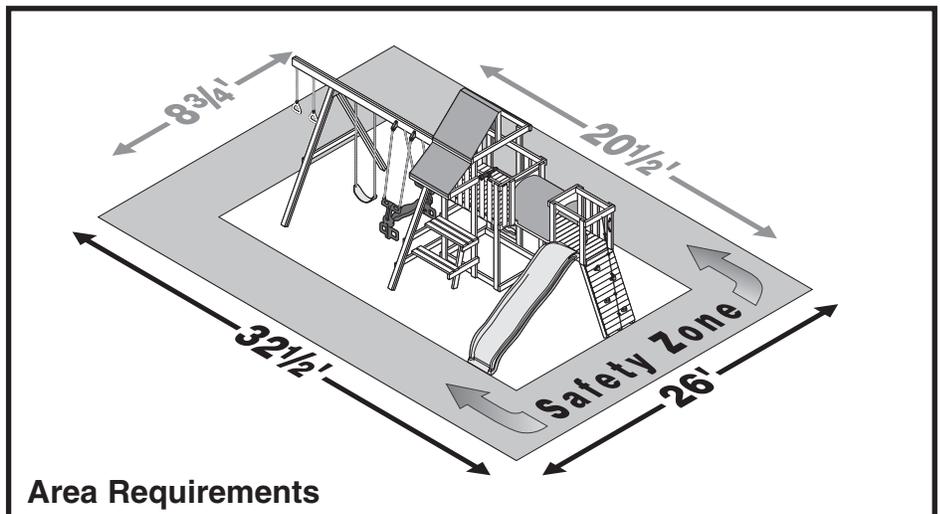
- 1 **Component Box - Includes:**
 - 1 Swing Assembly (Yellow)
 - 2 Gym Ring Assemblies (Yellow)
 - 1 Telescope Assembly
 - 1 Twisted Rope
 - 7 Anchor Augers
 - 1 Sturdy-Frame Brace
 - 1 Corner Brackets
 - 1 Tarp Large
 - 1 Tarp Awning
 - 1 Hardware Bag
 - 1 Varsity F-B Instructions



Front View



Back View



Area Requirements

CONTENTS – Bronze Design Option



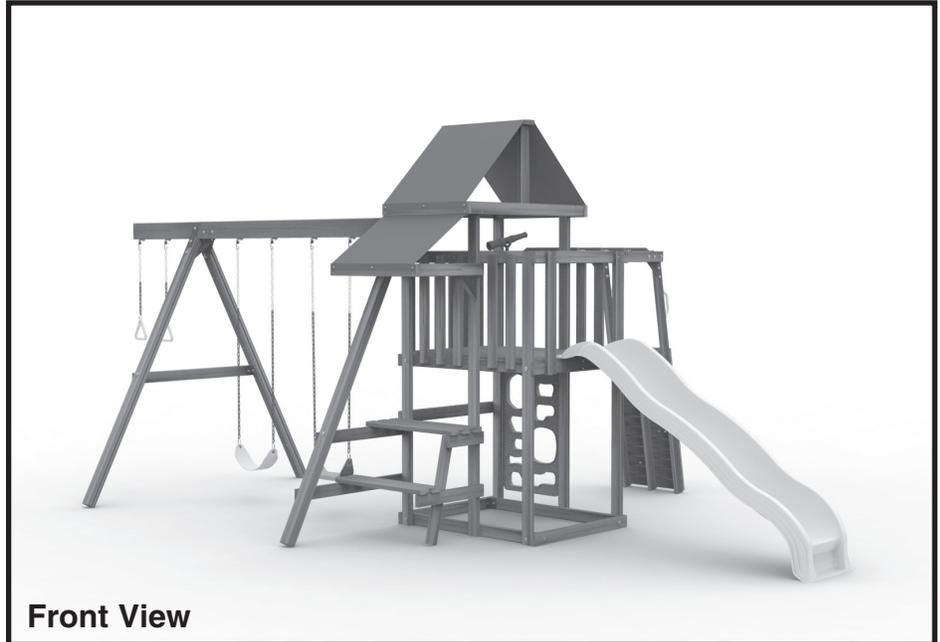
Contents:

- 1 Tower - With:
 - 1 Vertical Climber
- 2 Roof "T" Assemblies
- 1 Climbing Bar Assembly - With:
 - 4 Rocks
 - 2 Play Handles
- 1 Picnic Table Assembly
- 1 Laminated Leg
- 1 Swing Beam (10' Right)
- 1 A-Frame

- 4 2" X 4" X 31½" boards
- 2 2" X 4" X 24¼" boards

- 1 Scoop Wave Slide

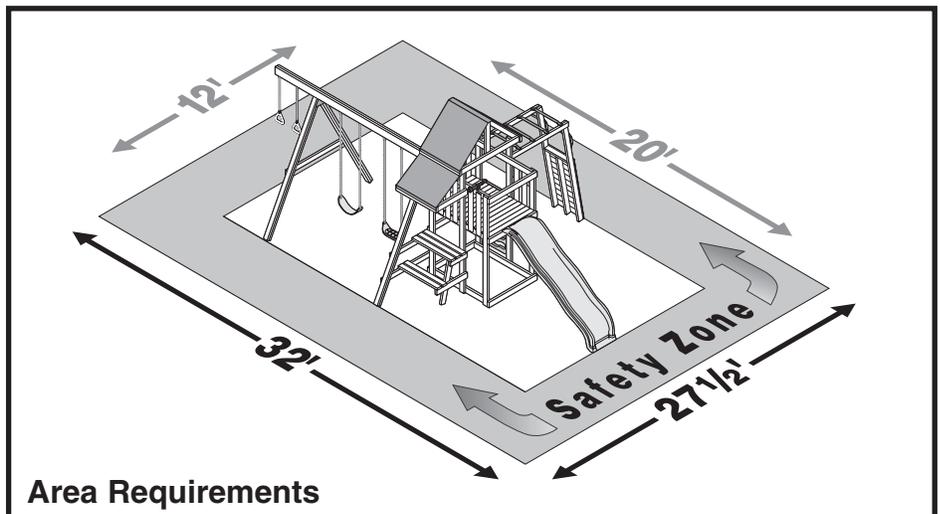
- 1 Component Box - Includes:
 - 1 Swing Assembly (Yellow)
 - 1 Swing Assembly (Rigid)
 - 2 Gym Ring Assemblies (Yellow)
 - 1 Telescope Assembly
 - 7 Anchor Augers
 - 1 Sturdy-Frame Brace
 - 1 Corner Brackets
 - 1 Tarp Large
 - 1 Tarp Awning
 - 1 Hardware Bag
 - 1 Varsity F-B Instructions



Front View



Back View



Area Requirements

CONTENTS – Starter Design Option



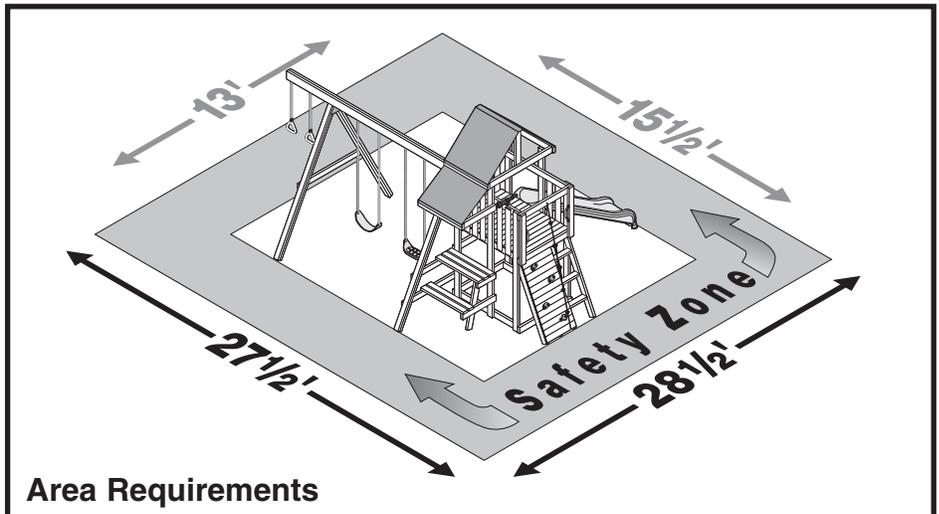
Contents:

- 1 Tower
- 2 Roof “T” Assemblies
- 1 Combo Wood Rock Wall (4 Rocks)
- 1 Picnic Table Assembly
- 1 Laminated Leg
- 1 Swing Beam (10' Right)
- 1 A-Frame

- 4 2" X 4" X 31½" boards
- 2 2" X 4" X 24¼" boards

- 1 Scoop Slide

- 1 Component Box - Includes:
 - 1 Swing Assembly (Yellow)
 - 1 Swing Assembly (Rigid)
 - 2 Gym Ring Assemblies (Yellow)
 - 1 Telescope Assembly
 - 1 Twisted Rope
 - 7 Anchor Augers
 - 1 Sturdy-Frame Brace
 - 1 Corner Brackets
 - 1 Tarp Large
 - 1 Tarp Awning
 - 1 Hardware Bag
 - 1 Varsity F-B Instructions



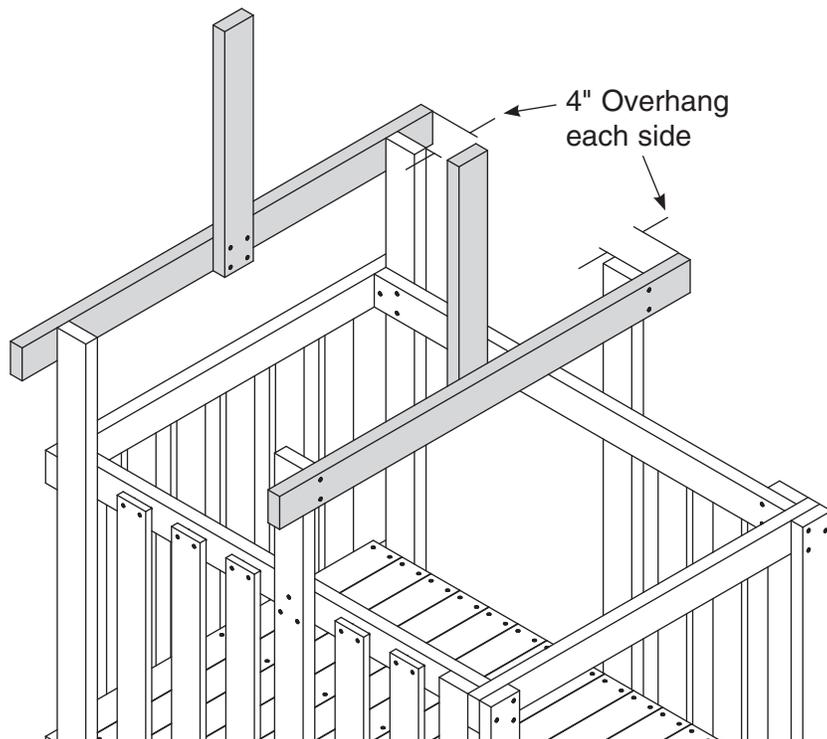
Items for STEP 1:

- (1) Tower assembly
- (2) Roof "T" assemblies
- (8) #8 x 2½" deck screws

**Position tower in its desired location.
Ground must be level.**

Attach one pre-drilled "T" assembly as shown. Secure with #8 x 2½" deck screws.

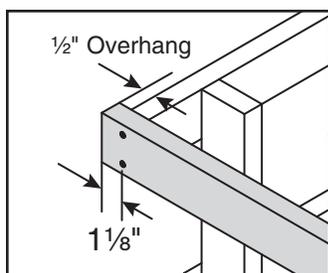
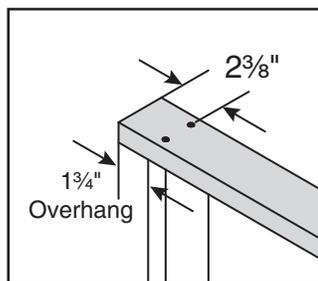
Repeat for other side.



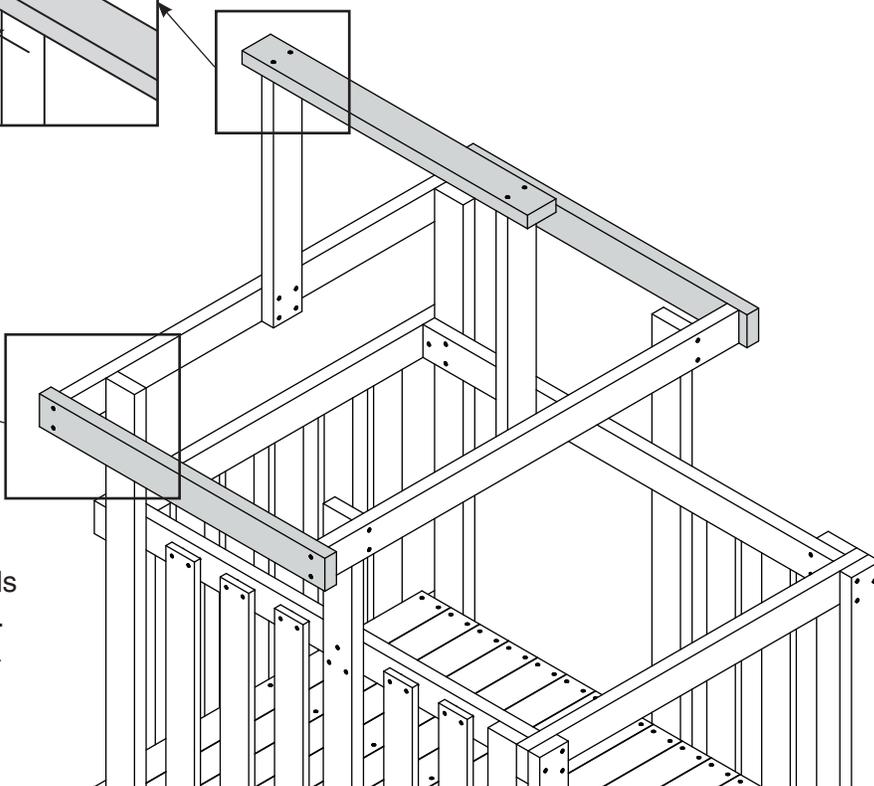
Items for STEP 2:

- (3) 2" x 4" x 31½"
- (12) #8 x 2½" deck screws

Attach one pre-drilled 2" x 4" x 31½" board to the top of tower at dimensions shown. Make sure there is an overhang of 1¾" on each end of the 2" x 4" x 24½" boards as shown. Secure with #8 x 2½" deck screws.



Attach two pre-drilled 2" x 4" x 31½" boards to the sides of tower at dimensions shown. Center boards on tower, there should be a ½" overhang on each end of the boards. Make sure the top and bottom of board is flush while securing with #8 x 2½" deck screws.



Items for STEP 3:

- (1) Swing Beam
- (1) A-frame Assembly
- (1) Sturdy-Frame Brace
- (5) $\frac{3}{8}$ " x $3\frac{1}{2}$ " hex bolts
- (10) $\frac{3}{8}$ " washers
- (5) $\frac{3}{8}$ " lock nuts

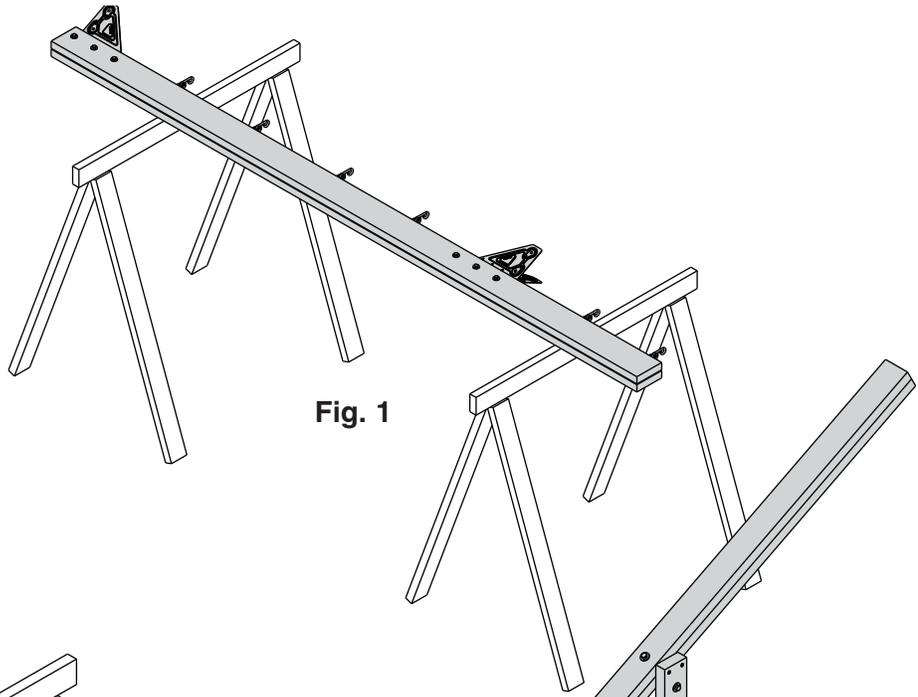


Fig. 1

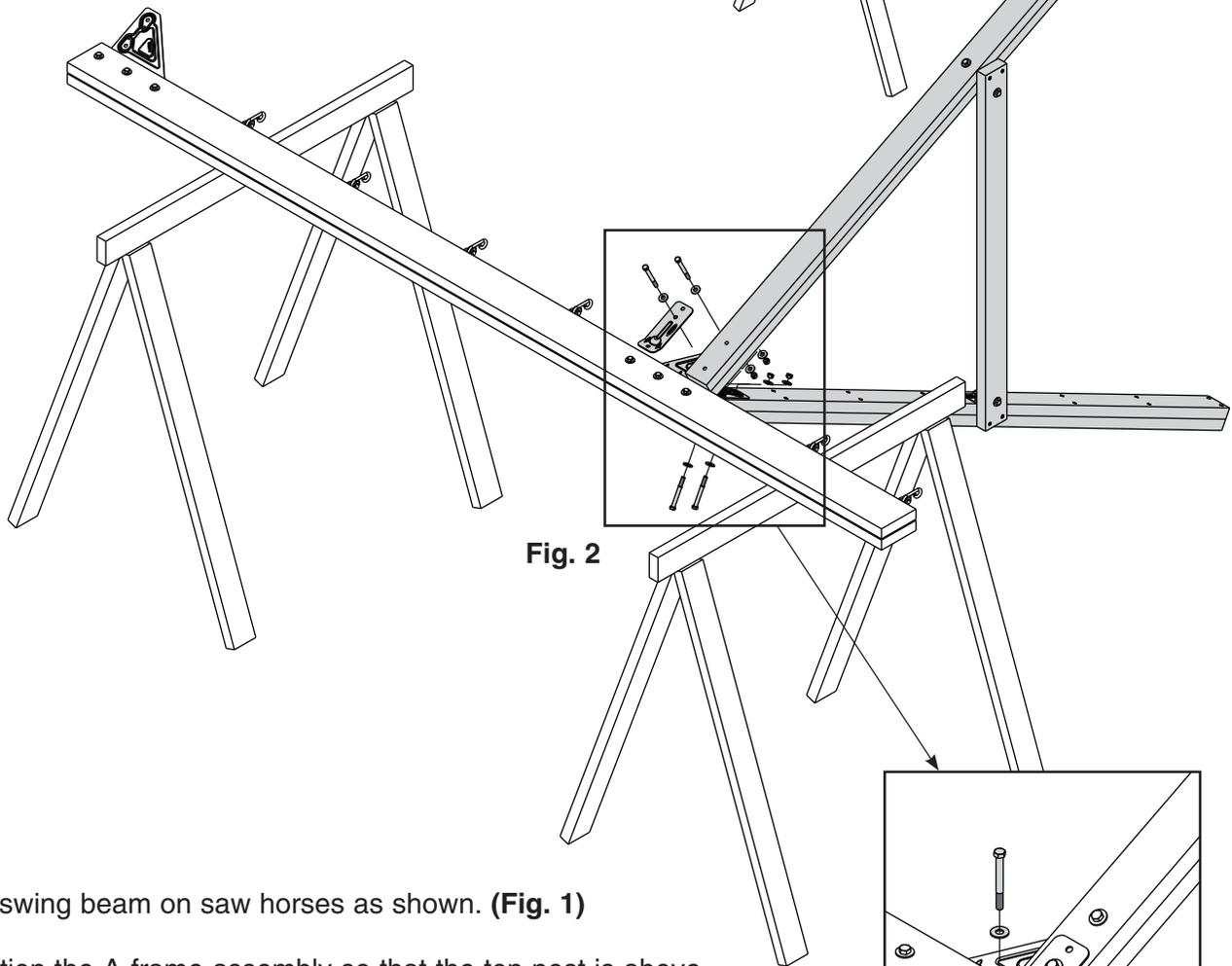


Fig. 2

Lay swing beam on saw horses as shown. **(Fig. 1)**

Position the A-frame assembly so that the top post is above the top bracket and the bottom post is below the bottom bracket. Line up the holes in the brackets with the holes in the posts and secure with $\frac{3}{8}$ " x $3\frac{1}{2}$ " hex bolts, $\frac{3}{8}$ " washers and $\frac{3}{8}$ " lock nuts. **(Fig. 2)**

Install the Sturdy-Frame Brace as shown and secure with $\frac{3}{8}$ " x $3\frac{1}{2}$ " hex bolt, $\frac{3}{8}$ " washer and lock nut. **(Fig. 3)**

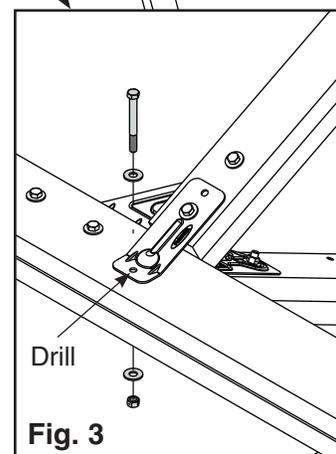


Fig. 3

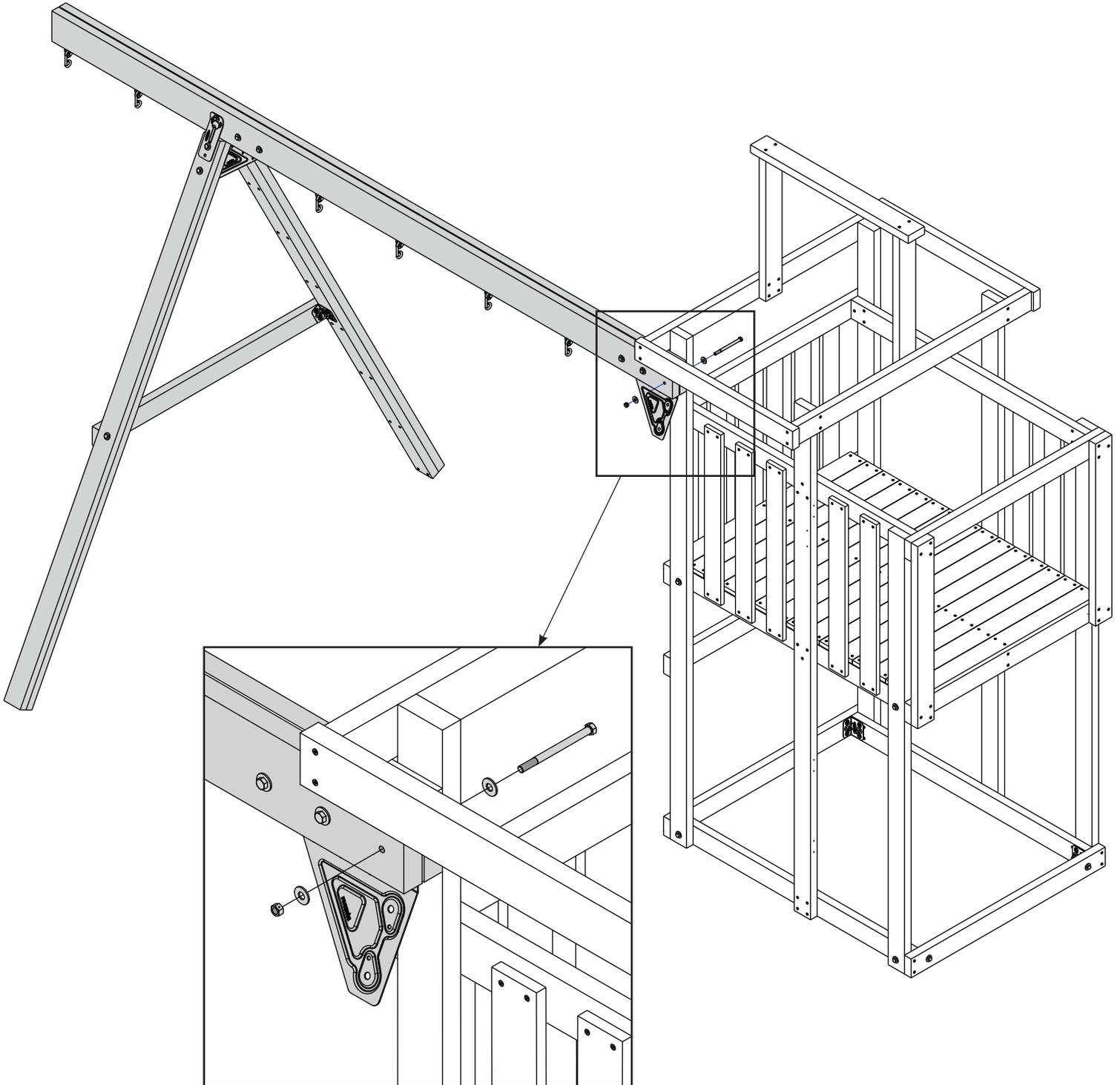
CONNECT TOWER AND SWING BEAM

Items for STEP 4:

- (1) $\frac{3}{8}$ " x 5" hex bolt
- (2) $\frac{3}{8}$ " washers
- (1) $\frac{3}{8}$ " lock nut

Locate the hole on the 2" x 4" board of tower assembly where the Swing Station Assembly will be attached.

Position Swing Station Assembly against tower and secure with one $\frac{3}{8}$ " x 5" hex bolt, washers and lock nut as shown.

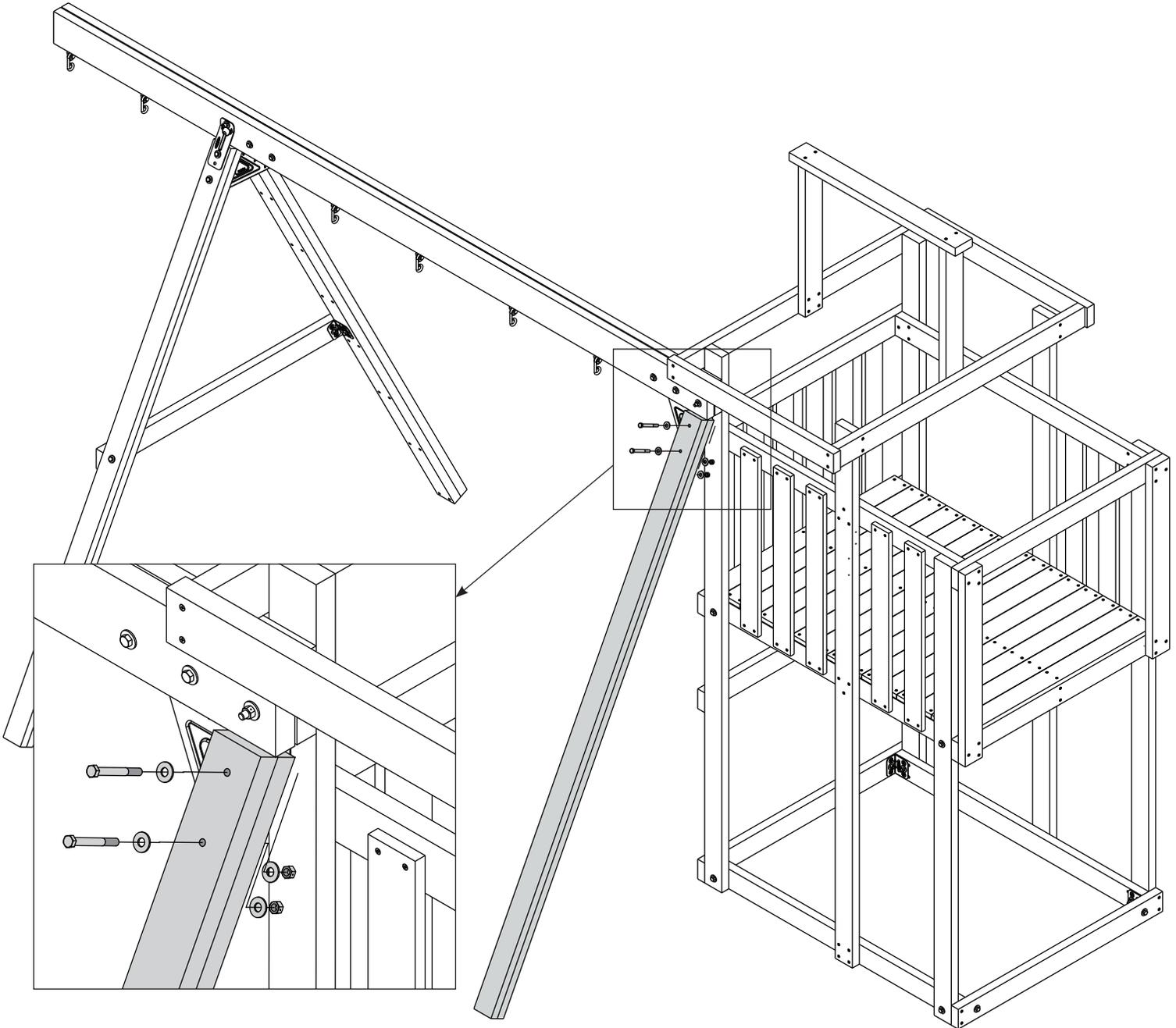


Items for STEP 5:

- (1) Laminated Leg
- (2) $\frac{3}{8}$ " x $3\frac{1}{2}$ " hex bolts
- (4) $\frac{3}{8}$ " washers
- (2) $\frac{3}{8}$ " lock nuts

Position the laminated leg on the single bracket so that the holes of the bracket line up with the holes in the single post as shown.

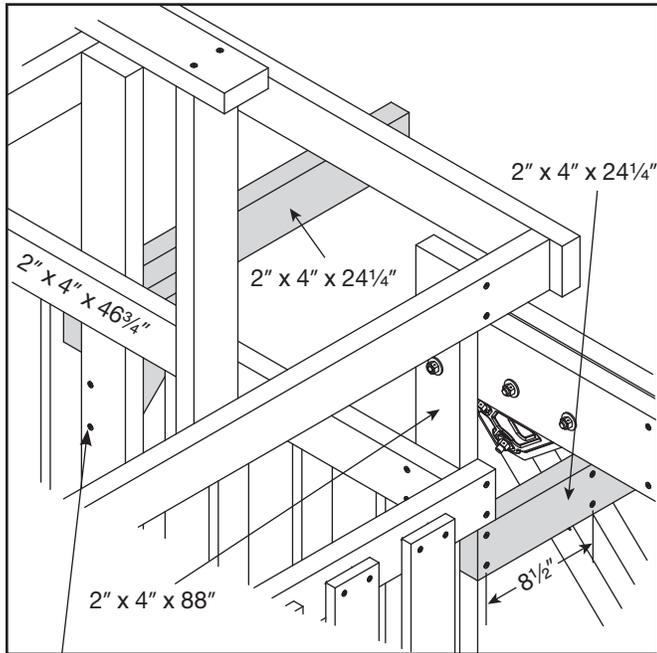
Secure with $\frac{3}{8}$ " x $3\frac{1}{2}$ " hex bolts, $\frac{3}{8}$ " washers and $\frac{3}{8}$ " lock nuts as shown.



Items for STEP 6:

- (2) 2" x 4" x 24 $\frac{1}{4}$ " board
- (8) #8 x 2 $\frac{1}{2}$ " deck screws

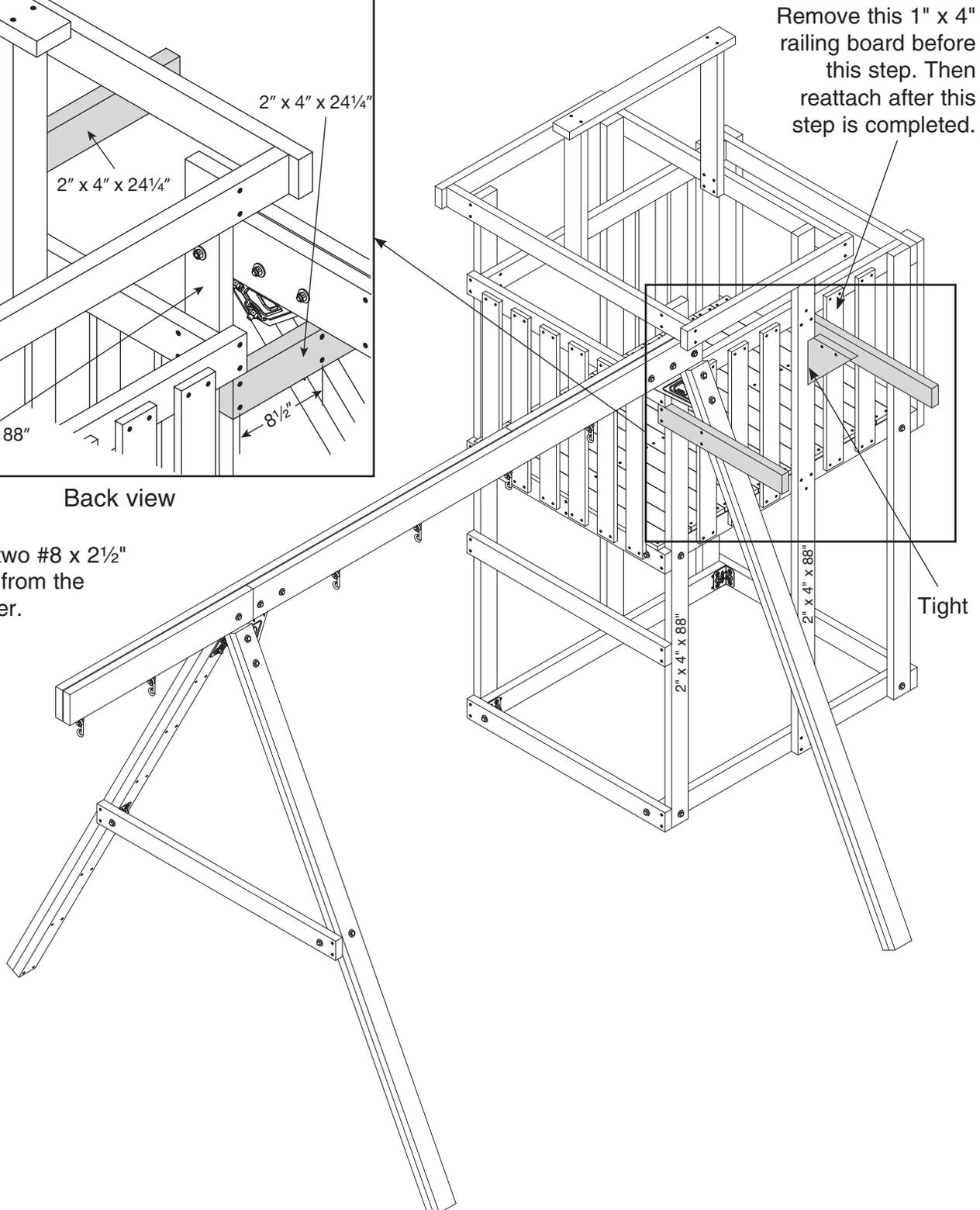
Attach two 2" x 4" x 24 $\frac{1}{4}$ " boards as shown. The back of the boards must be flush with the 2" x 4" x 88" boards and the top must be flush with the bottom of the 2" x 4" x 46 $\frac{3}{4}$ " board. Make sure boards are level while securing with #8 x 2 $\frac{1}{2}$ " deck screws.



Back view

Secure with two #8 x 2 $\frac{1}{2}$ " deck screws from the inside of tower.

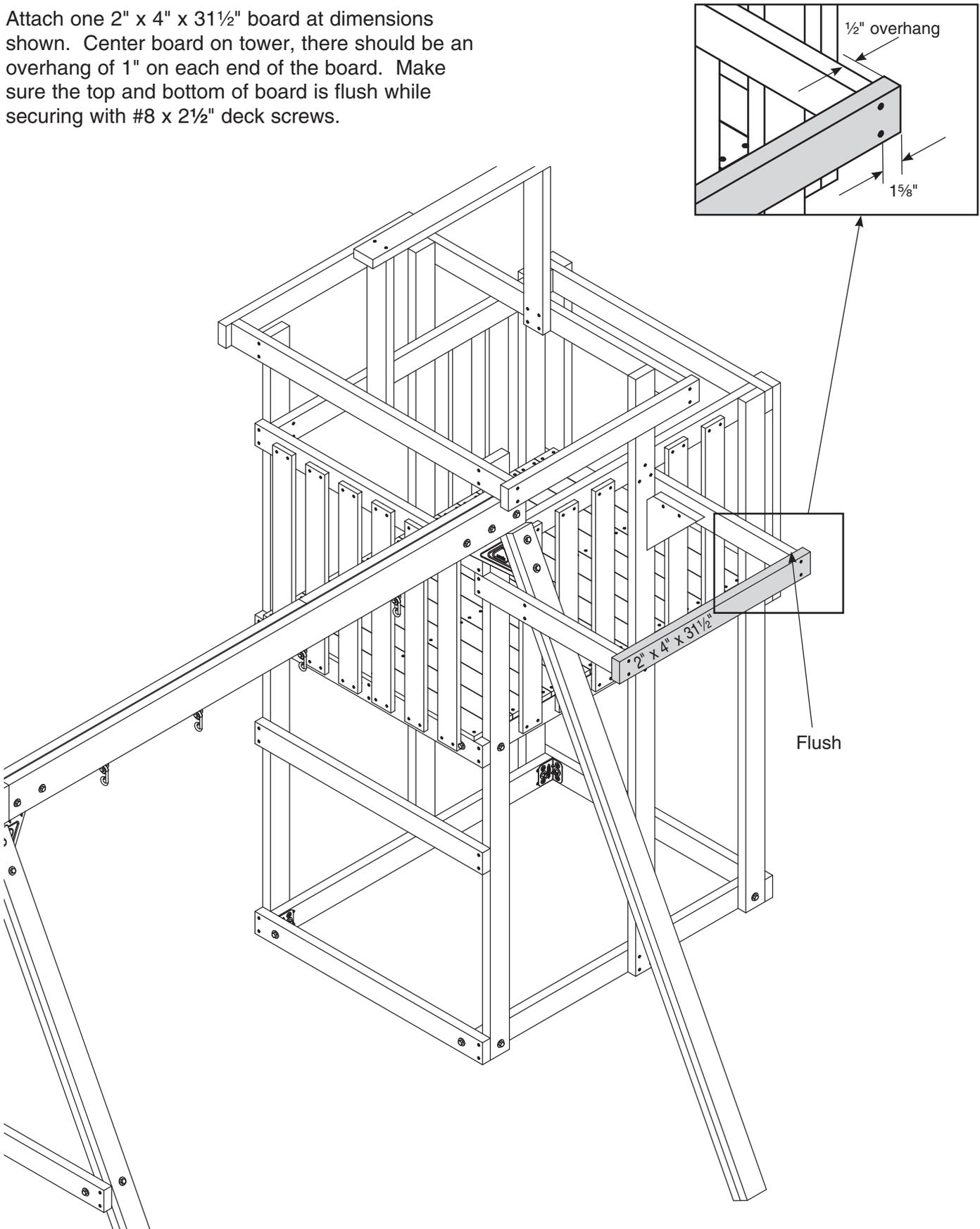
Remove this 1" x 4" railing board before this step. Then reattach after this step is completed.



Items for STEP 7:

- (1) 2" x 4" x 31½" board
- (4) #8 x 2½" deck screws

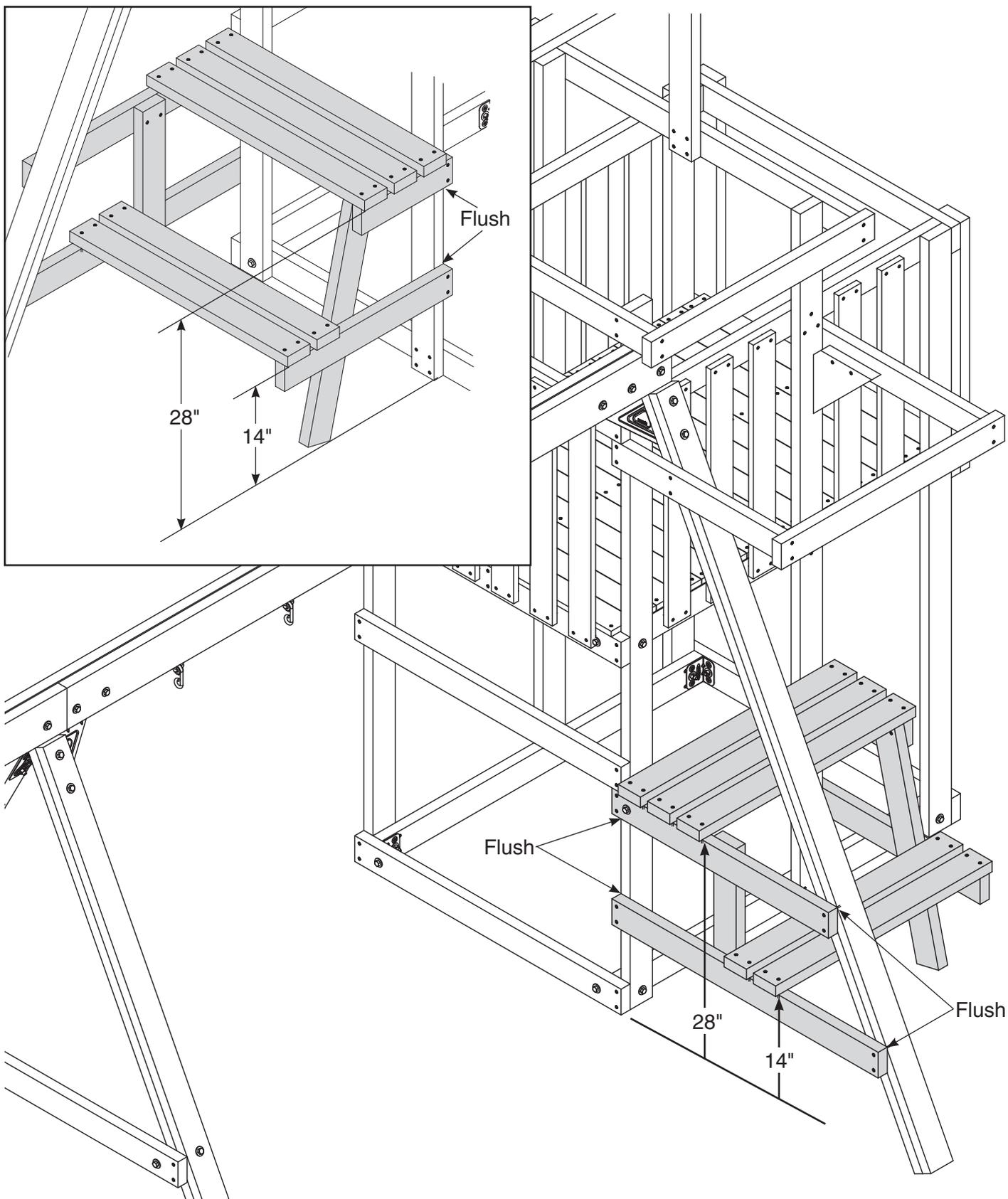
Attach one 2" x 4" x 31½" board at dimensions shown. Center board on tower, there should be an overhang of 1" on each end of the board. Make sure the top and bottom of board is flush while securing with #8 x 2½" deck screws.



Items for STEP 8:

- (1) 1 Picnic Table Assembly
- (12) #8 x 2½" deck screws

Position Picnic Table as shown.
Attach with #8 x 2½" deck screws.



Items for STEP 9:

- (1) Corner brackets
- (6) #8 x 1 1/4" deck screws
- (1) 3/8" x 3 1/2" hex bolt
- (2) 3/8" x 2" hex bolts
- (6) 3/8" washers
- (3) 3/8" lock nuts

Attach corner brackets. Attach Corner Bracket (Detail A) with the short side against the 2" x 4" x 31 1/2" board and long side against the swing beam leg. (See Page 5 for details).

Use the bracket as a drill guide and drill 1/8" holes 1" deep into the board. Attach with #8 x 1 1/4" deck screws.

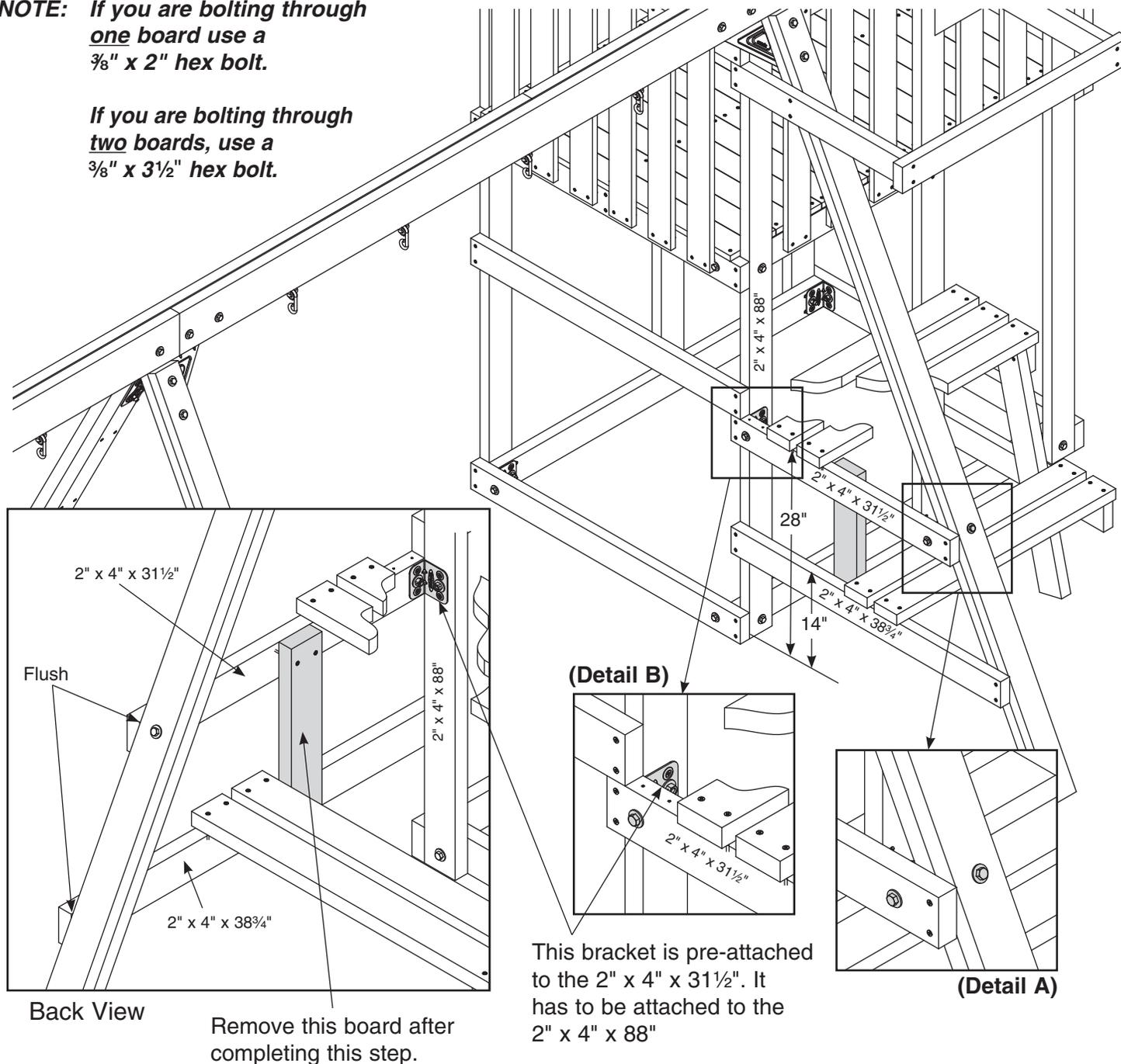
Again use the bracket as a drill guide and drill 3/8" holes completely through the boards. Secure with 3/8" hex bolts, 3/8" washers and 3/8" lock nuts.

Secure Bracket, pre-attached to the 2" x 4" x 31 1/2" (Detail B) to the 2" x 4" x 88" using procedure above.

Remove the vertical board on the left hand side of the picnic table.

NOTE: *If you are bolting through one board use a 3/8" x 2" hex bolt.*

If you are bolting through two boards, use a 3/8" x 3 1/2" hex bolt.



Items for STEP 10:

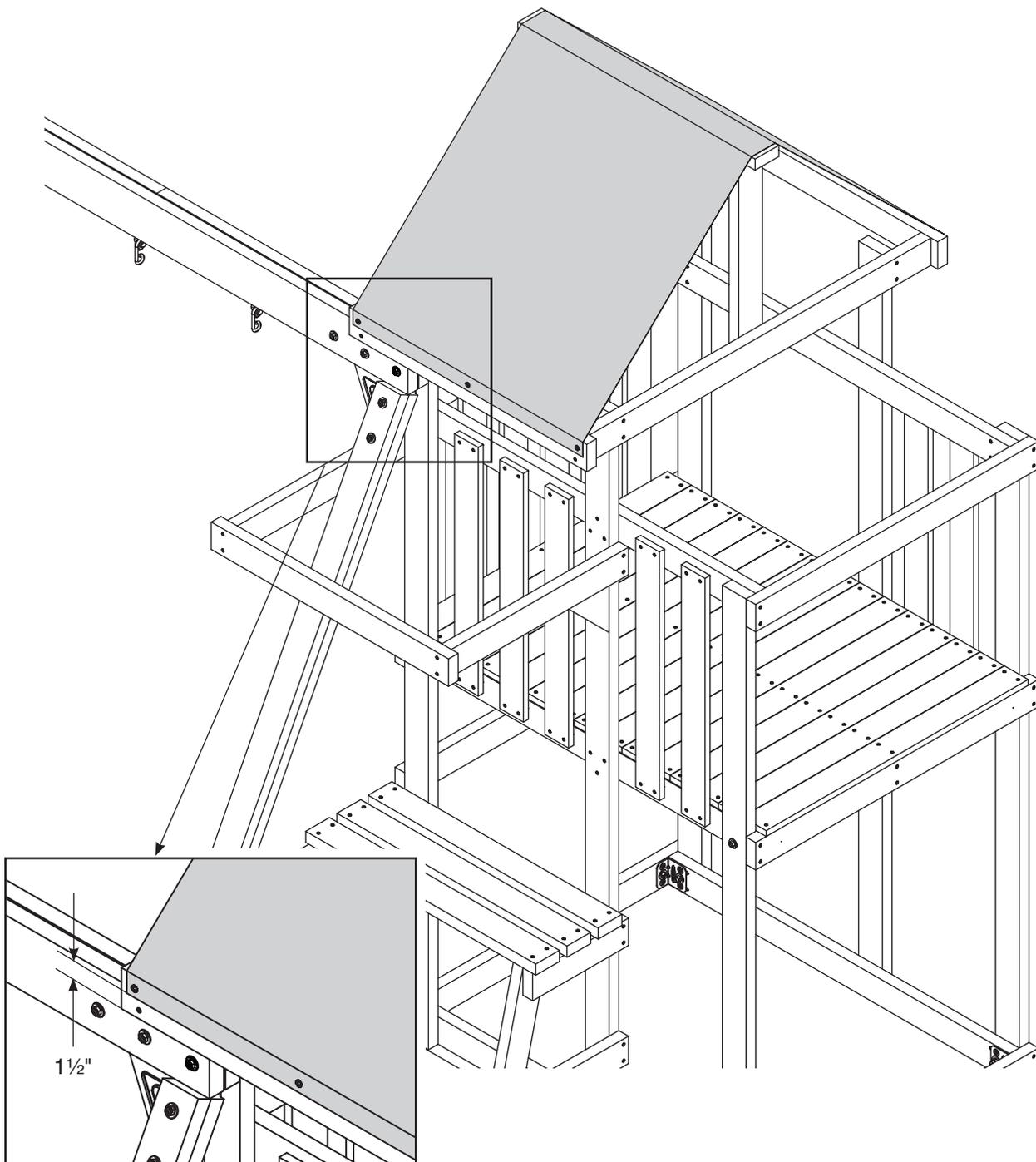
- (1) Tarp roof
- (6) #14 x 1¼" pan head screws

Attach the tarp roof.

Position end of tarp 1½" from the bottom edge of the board as shown and centered side to side. Pre-drill ⅛" holes 1" deep into the board.

Secure with three #14 x 1¼" pan head screws through grommets.

Pull tarp tight and repeat to secure other end.



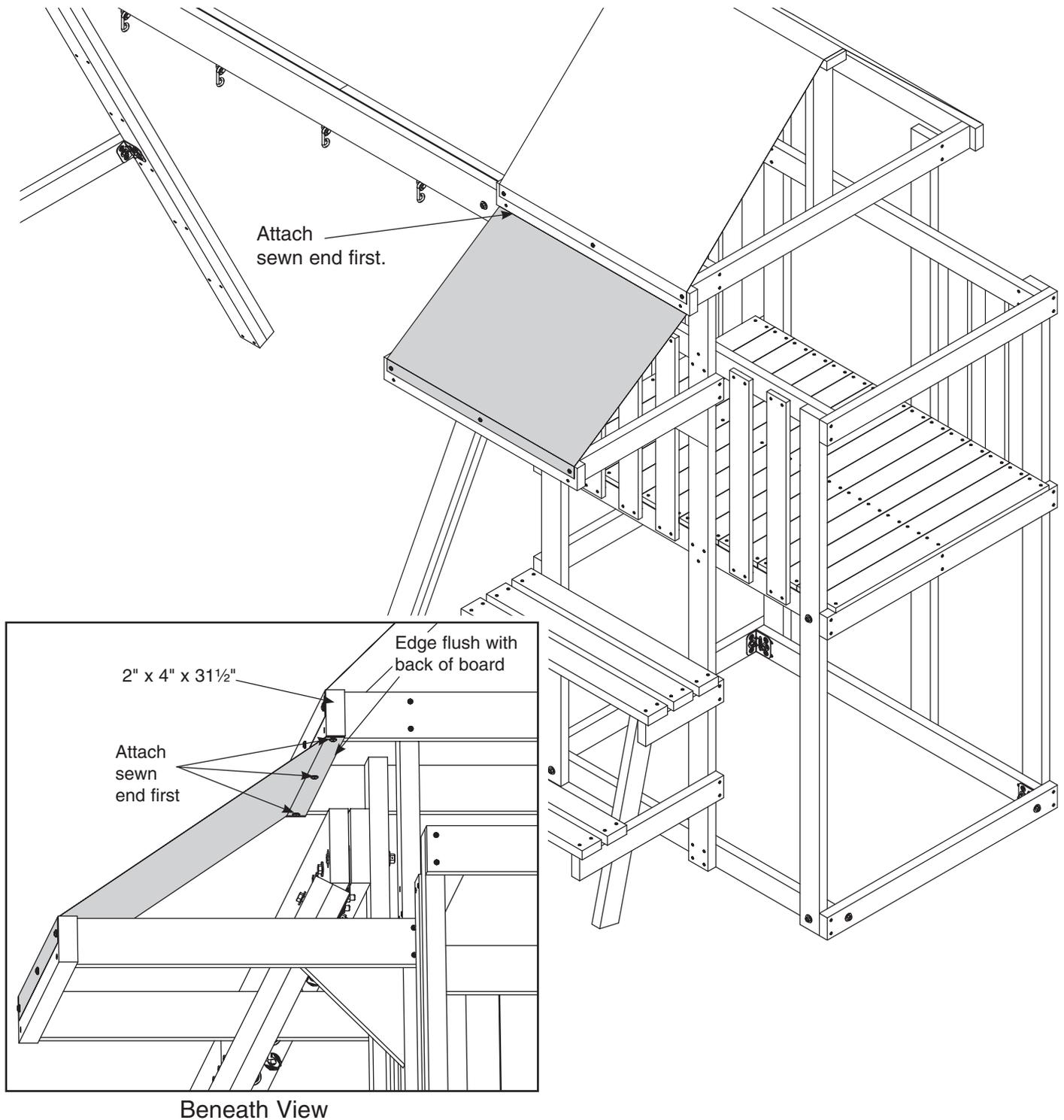
Items for STEP 11:

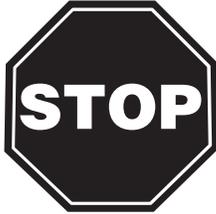
- (1) Tarp Awning
- (6) #14 x 1 1/4" pan head screws

Position sewn edge of tarp awning flush with the back 2" x 4" x 31 1/2" board as shown and centered side to side. Pre-drill 1/8" holes 1" deep into the board.

Secure with three #14 x 1 1/4" pan head screws through grommets.

Pull tarp tight and repeat to secure lower end.



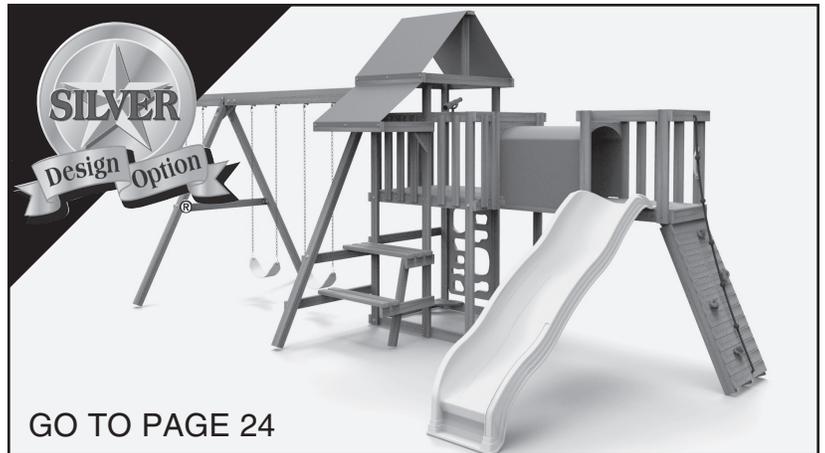


***From this point,
skip to the section
specific to your design option.***

Starter
Design Option:
page 20

Bronze
Design Option:
page 22

Silver & Gold
Design Option:
page 24



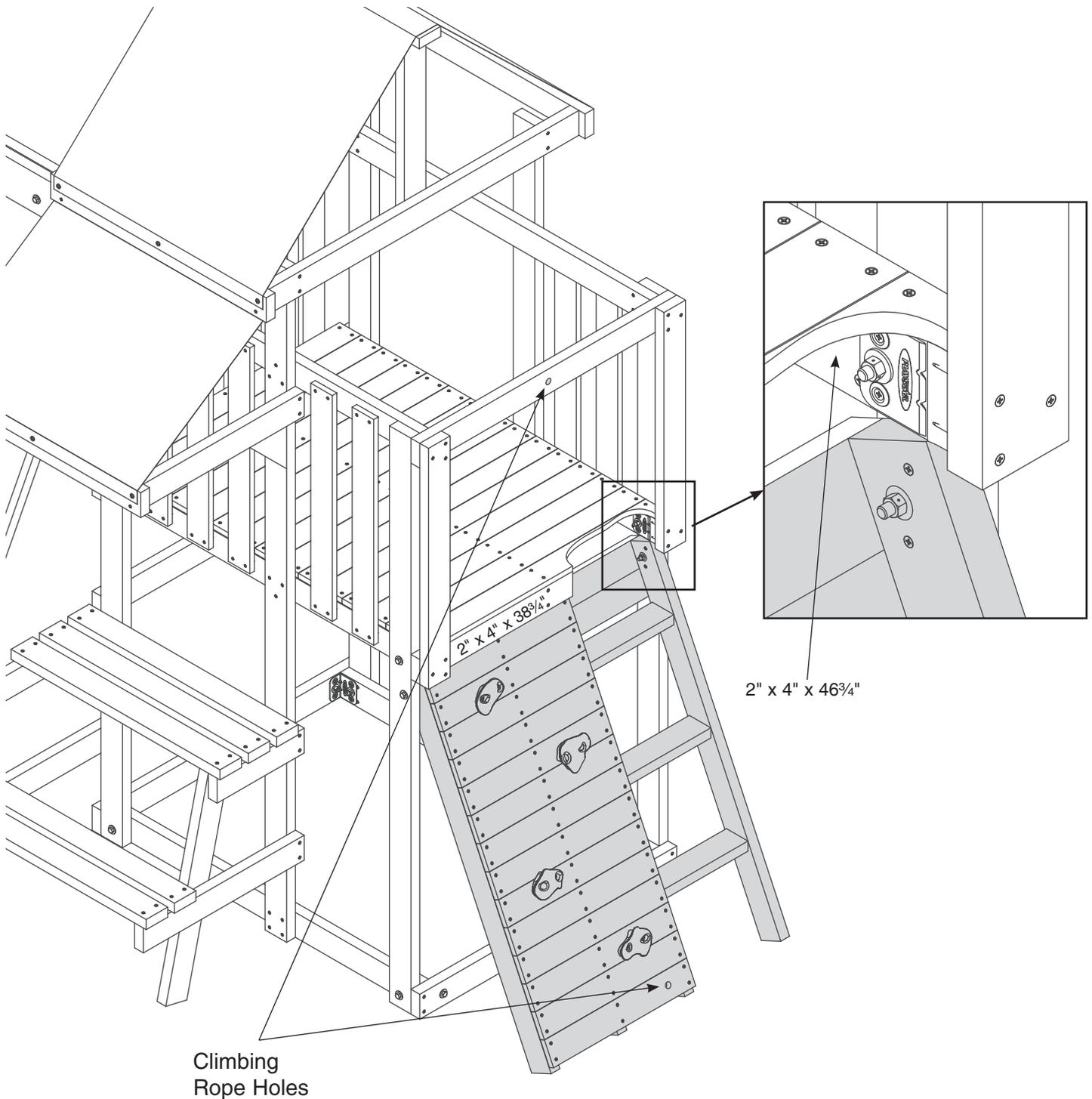
STARTER DESIGN OPTIONS ONLY

Items for **STEP 12:**

- (1) Combo Wall
- (2) $\frac{3}{8}$ " x $3\frac{1}{2}$ " hex bolts
- (4) $\frac{3}{8}$ " washers
- (2) $\frac{3}{8}$ " lock nuts
- (4) #8 x $2\frac{1}{2}$ " deck screws

Position wall so the top corner is flush with the rear edge of the 2 " x 4 " x $38\frac{3}{4}$ " and the bottom of the 2 " x 4 " x $46\frac{3}{4}$ " as shown.

Secure the top of each side board with two #8 x $2\frac{1}{2}$ " deck screws and one $\frac{3}{8}$ " x $3\frac{1}{2}$ " hex bolt, $\frac{3}{8}$ " washers and $\frac{3}{8}$ " lock nut.

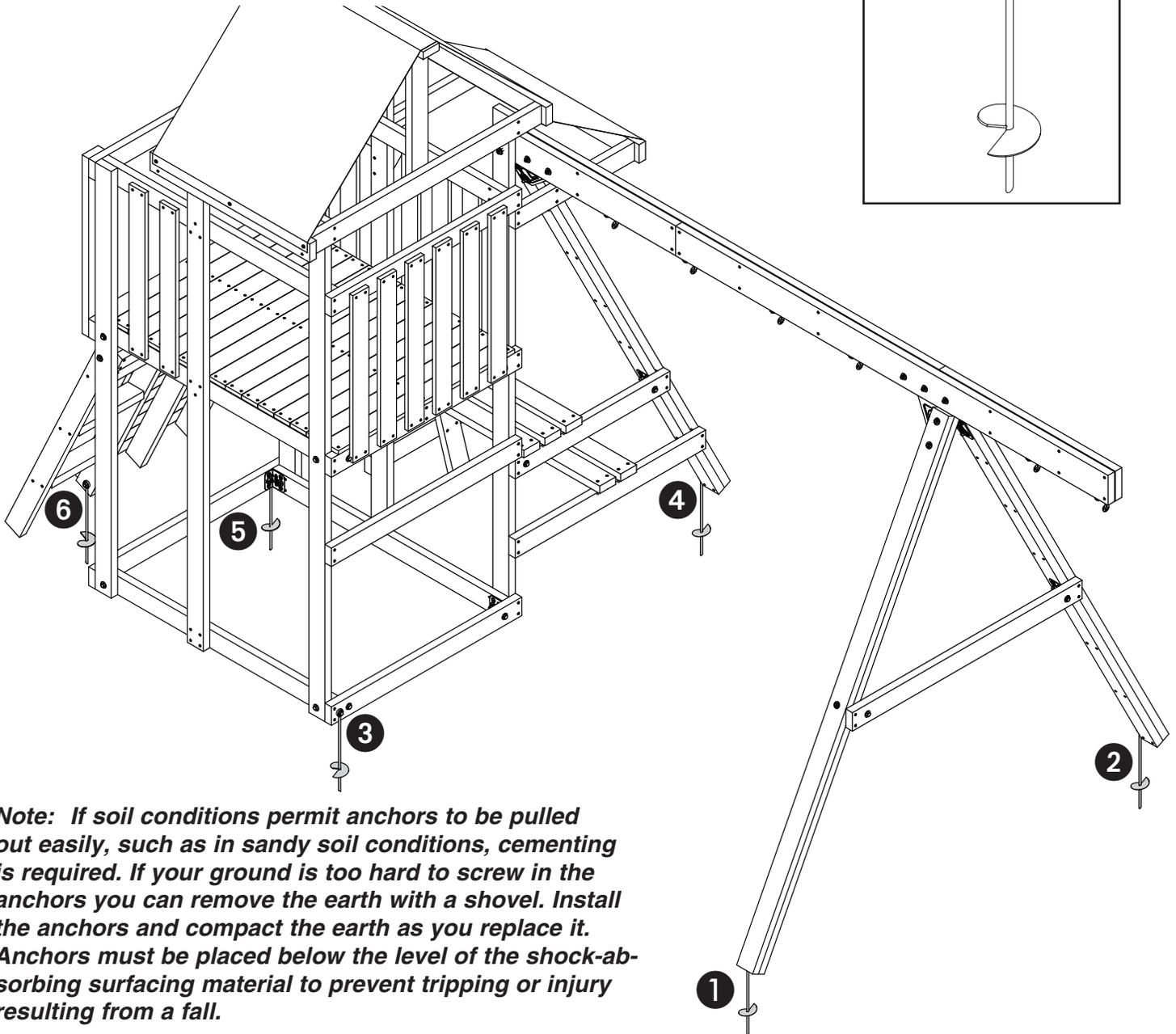
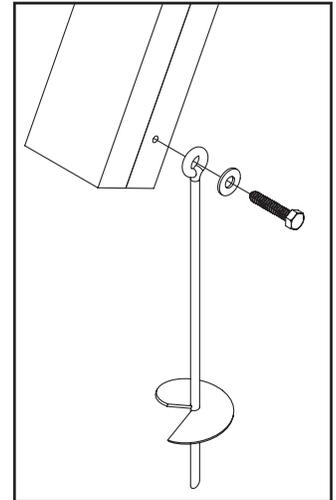


ANCHORING

Items for STEP 13:

- (6) Playset Anchors
- (6) $\frac{3}{8}$ " x $1\frac{1}{2}$ " lag screws
- (6) $\frac{3}{8}$ " washers

At locations shown, screw Playset Anchors into ground by hand (a long screwdriver will help). Use the anchor as a drill guide and drill a $\frac{1}{4}$ " hole 1" deep into the board. Attach with $\frac{3}{8}$ " x $1\frac{1}{2}$ " lag screw and $\frac{3}{8}$ " washer.



Note: If soil conditions permit anchors to be pulled out easily, such as in sandy soil conditions, cementing is required. If your ground is too hard to screw in the anchors you can remove the earth with a shovel. Install the anchors and compact the earth as you replace it. Anchors must be placed below the level of the shock-absorbing surfacing material to prevent tripping or injury resulting from a fall.

Reminder: Be sure to install proper shock-absorbing surfacing material. Refer to the Safety Guidelines at the beginning of this plan.

Continue to Page 28 for component installation.

BRONZE DESIGN OPTION ONLY

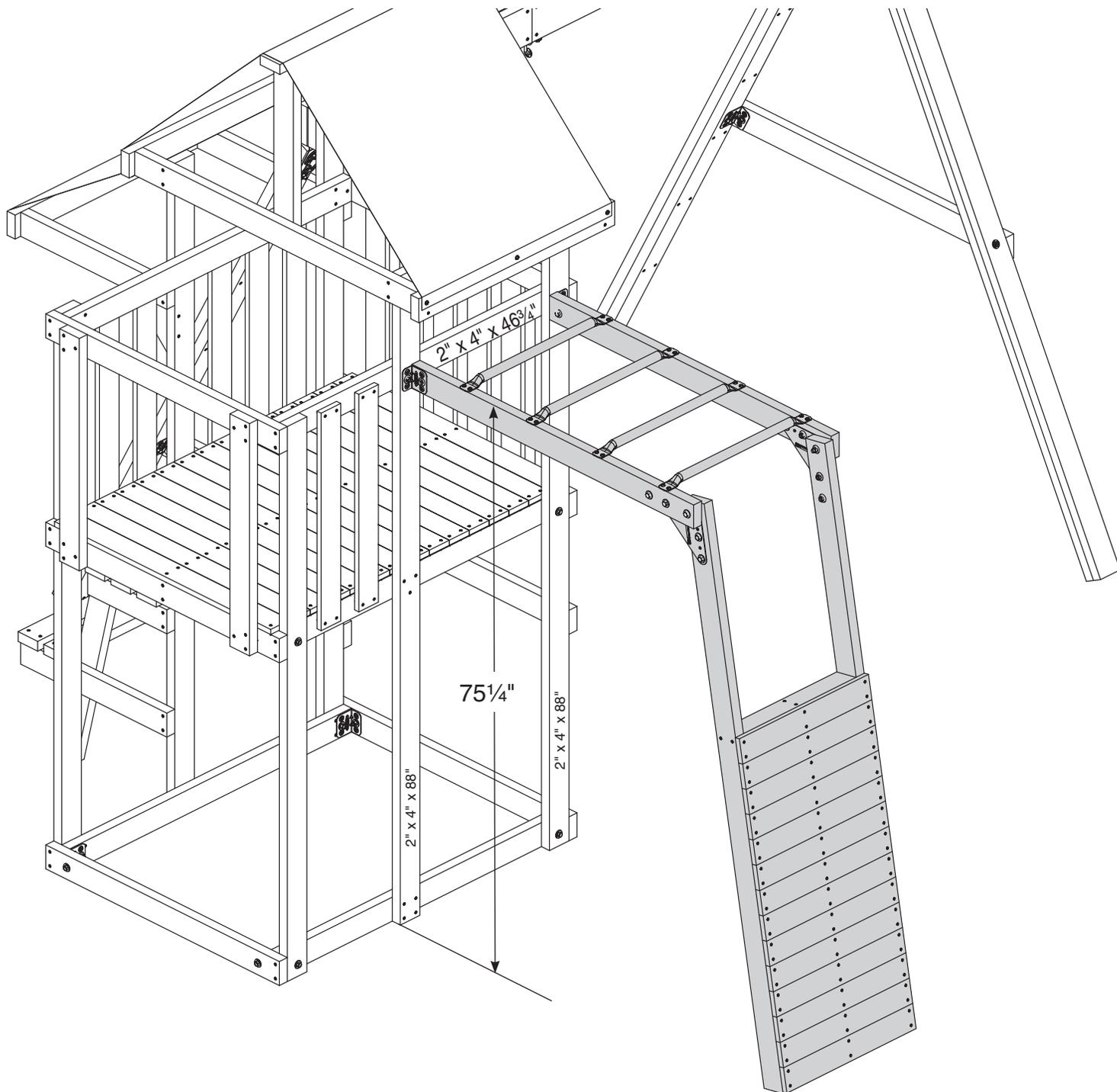
Items for STEP 12:

- (4) Climbing Bar Assembly
- (4) #8 x 1¼" deck screws
- (2) ⅜" x 3½" hex bolts
- (4) ⅜" washers
- (2) ⅜" lock nuts

Lift Climbing Bar Assembly into an upright position at the 75¼" dimension shown.

Use the bracket as a drill guide and drill ⅛" holes 1" deep into the 2" x 4" x 88" boards. Attach with #8 x 1¼" deck screws.

Again use the bracket as a drill guide and drill ⅜" holes completely through the boards. Secure with ⅜" x 3½" hex bolts, ⅜" washers and ⅜" lock nuts.

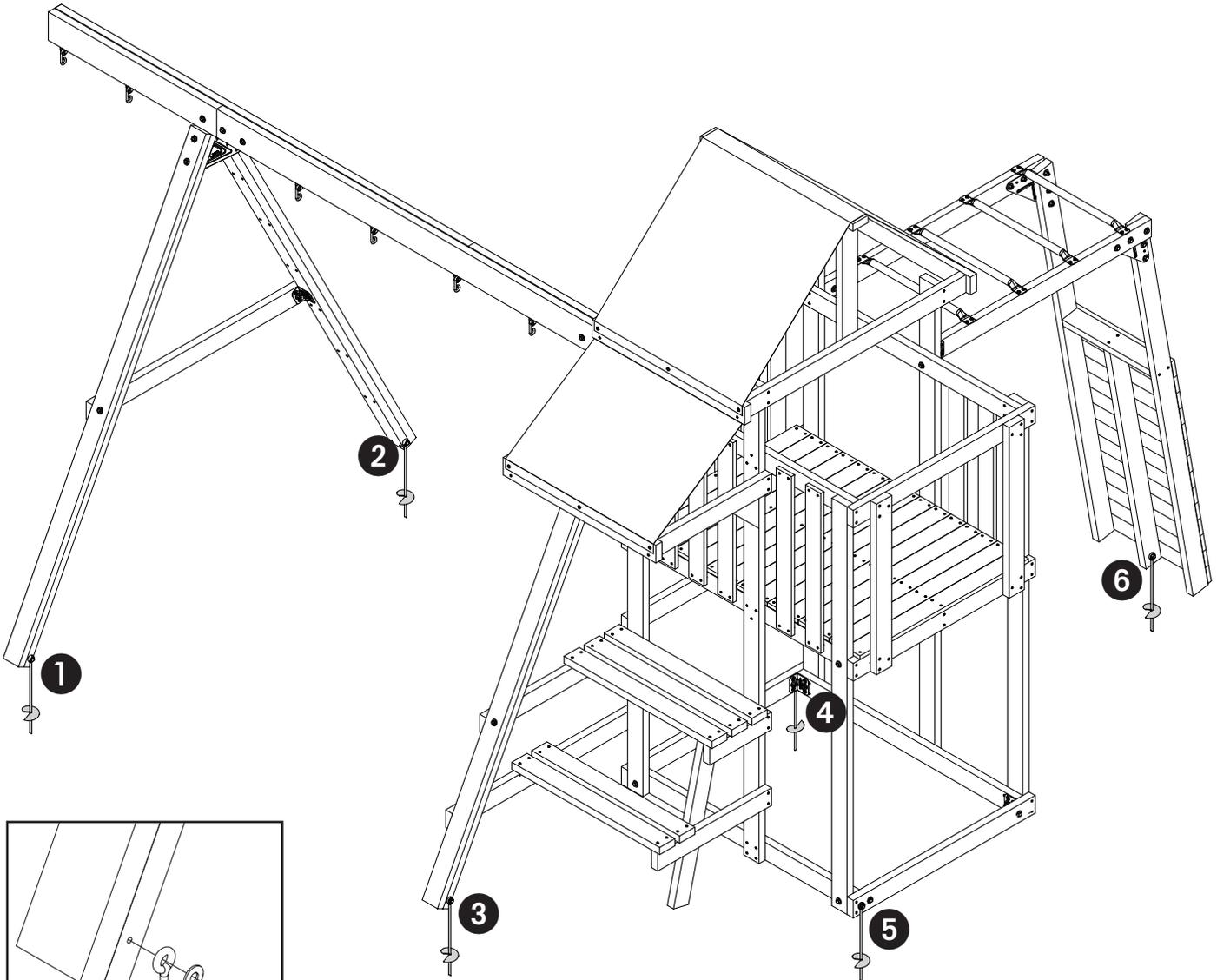


ANCHORING

Items for STEP 13:

- (6) Playset Anchors
- (6) $\frac{3}{8}$ " x $1\frac{1}{2}$ " lag screws
- (6) $\frac{3}{8}$ " washers

At locations shown, screw Playset Anchors into ground by hand (a long screwdriver will help). Use the anchor as a drill guide and drill a $\frac{1}{4}$ " hole 1" deep into the board. Attach with $\frac{3}{8}$ " x $1\frac{1}{2}$ " lag screw and $\frac{3}{8}$ " washer.



Note: If soil conditions permit anchors to be pulled out easily, such as in sandy soil conditions, cementing is required. If your ground is too hard to screw in the anchors you can remove the earth with a shovel. Install the anchors and compact the earth as you replace it. Anchors must be placed below the level of the shock-absorbing surfacing material to prevent tripping or injury resulting from a fall.

Reminder: Be sure to install proper shock-absorbing surfacing material. Refer to the Safety Guidelines at the beginning of this plan.

Continue to Page 28 for component installation.

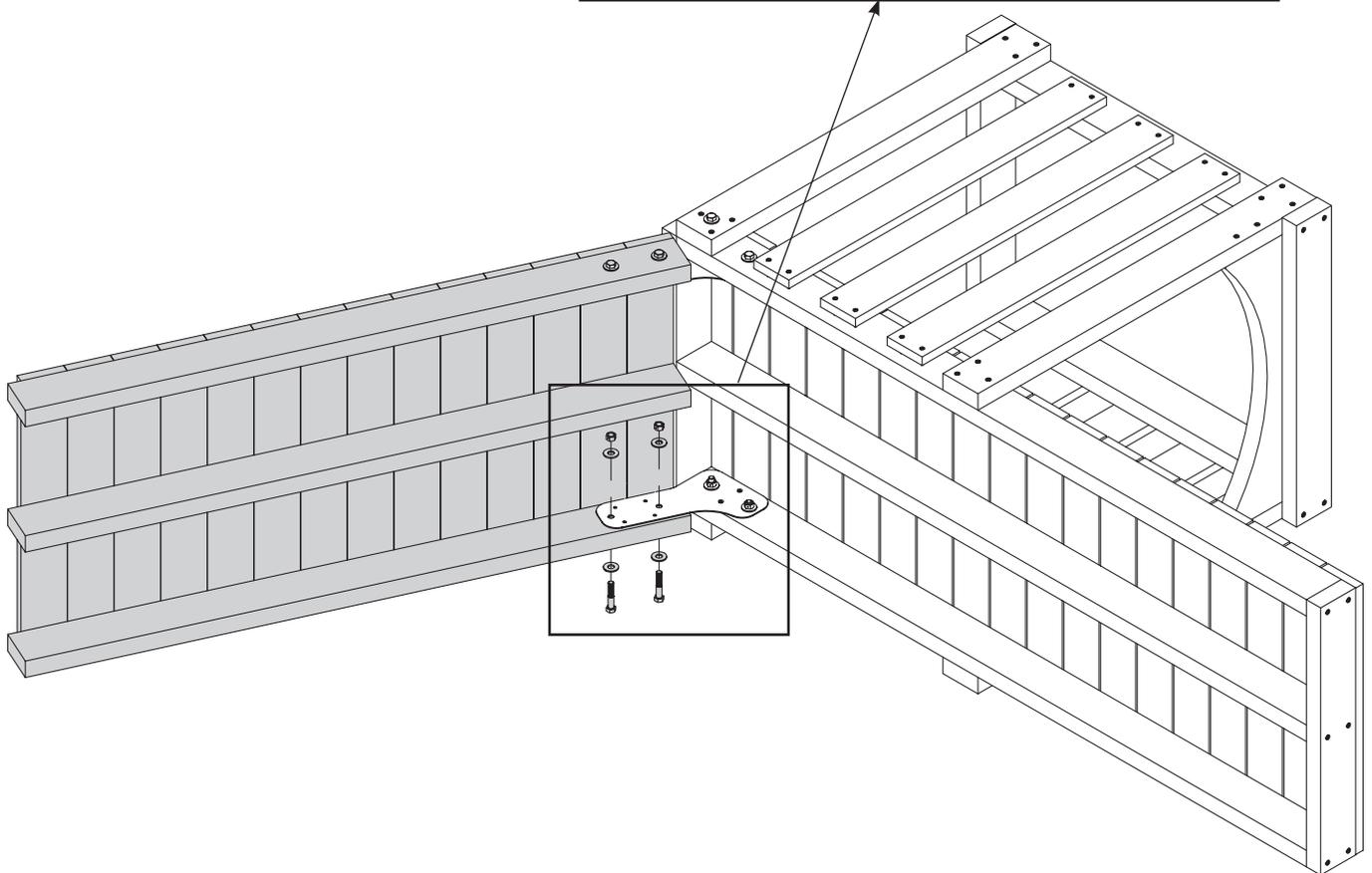
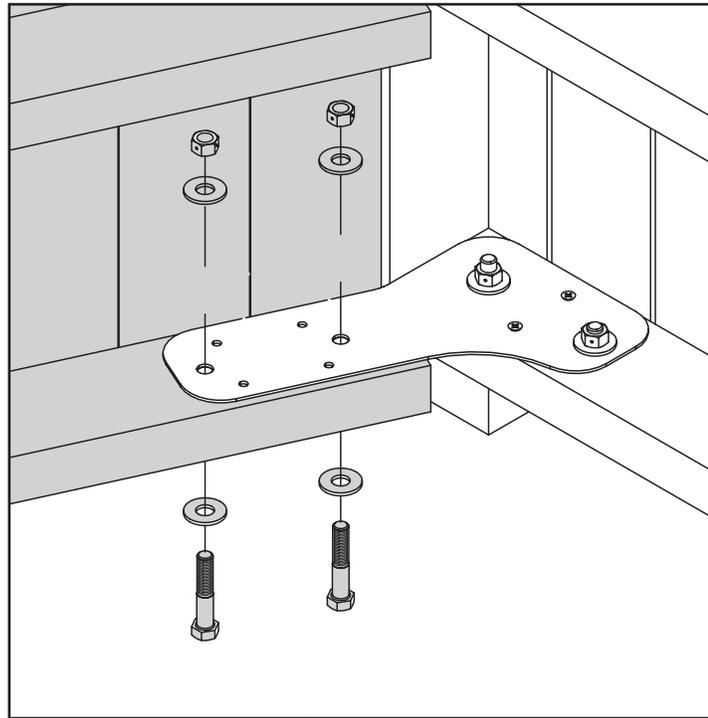
GOLD & SILVER DESIGN OPTION ONLY

Items for **STEP 12:**

- (1) Rock Wall Assembly
- (1) Bridge-Tunnel Assembly
- (4) $\frac{3}{8}$ " x 2" hex bolts
- (8) $\frac{3}{8}$ " washers
- (4) $\frac{3}{8}$ " lock nuts

Position Rock Wall and Bridge-Tunnel as shown, making sure the $\frac{3}{8}$ " holes line up with the pre-drilled holes.

Secure bridge brackets with $\frac{3}{8}$ " x 2" hex bolts, $\frac{3}{8}$ " washers and $\frac{3}{8}$ " lock nuts.

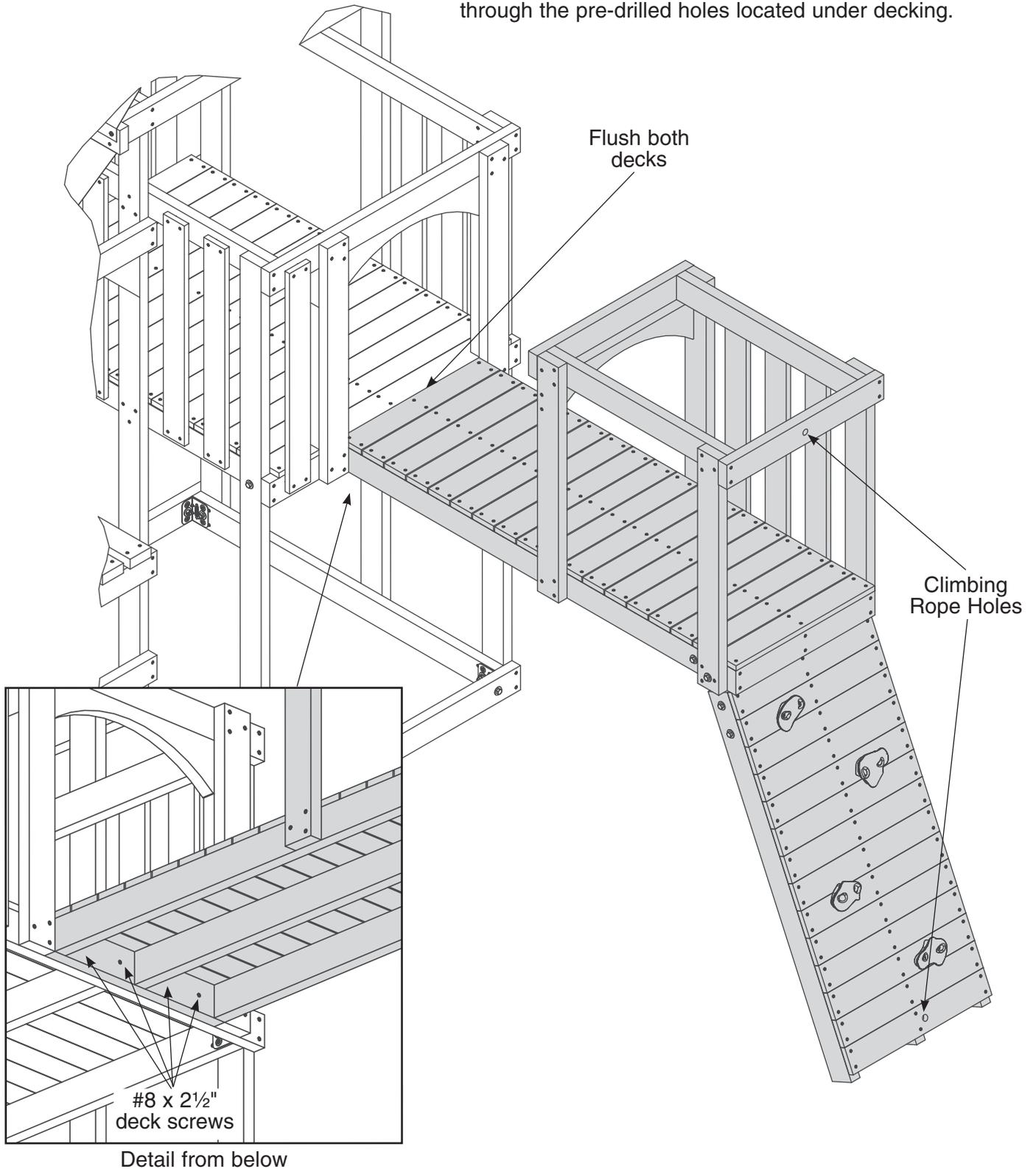


Items for STEP 13:

- (1) Bridge-Tunnel Assembly
- (4) #8 x 2½" deck screws

Bring the Tower and Bridge-Tunnel to its final position as shown.

Attach Bridge-Tunnel assembly to tower as shown. Make sure its decking frame firmly rests against the tower decking frame without any gap in between. Also, make sure the top surfaces of both decks are flush as shown. Secure with #8 x 2½" deck screws through the pre-drilled holes located under decking.



Items for STEP 14:

- (1) Tunnel
- (36) #8 x 3/4" truss head screws

Position the tunnel into the bridge opening as shown.

Make sure the tunnel is fully inserted and the flanges are firmly resting against the lumber and the ends are flush with the sides of the lumber as shown.

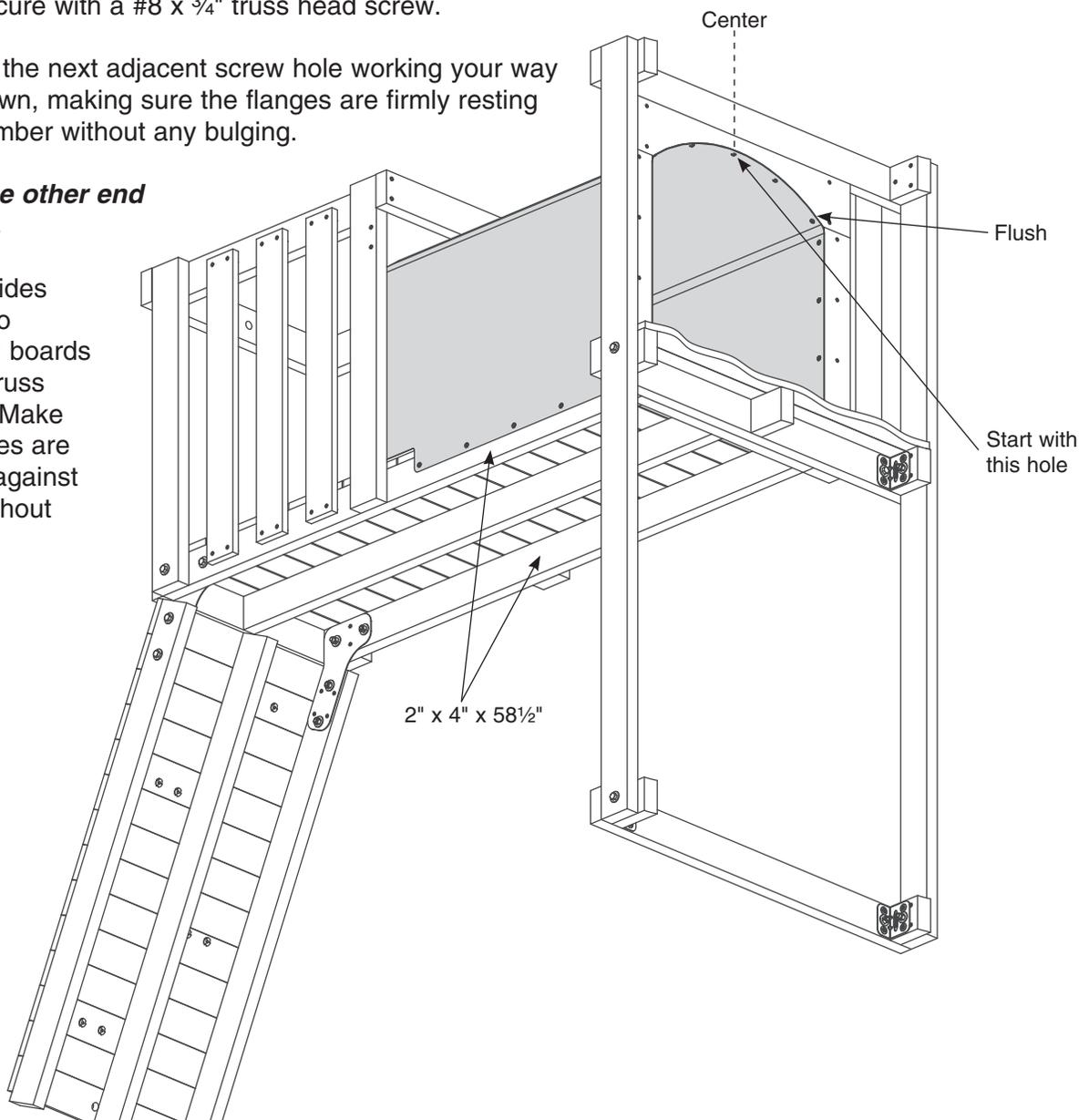
Find the center of the arch and line it up with the screw hole at the top of the tunnel.

Starting with the screw hole located at the top, drill a 1/8" hole, 1/8" deep. Secure with a #8 x 3/4" truss head screw.

Continue with the next adjacent screw hole working your way all the way down, making sure the flanges are firmly resting against the lumber without any bulging.

Repeat for the other end of the tunnel.

Secure both sides of the tunnel to 2" x 4" x 58 1/2" boards with #8 x 3/4" truss head screws. Make sure the flanges are firmly resting against the lumber without any bulging.

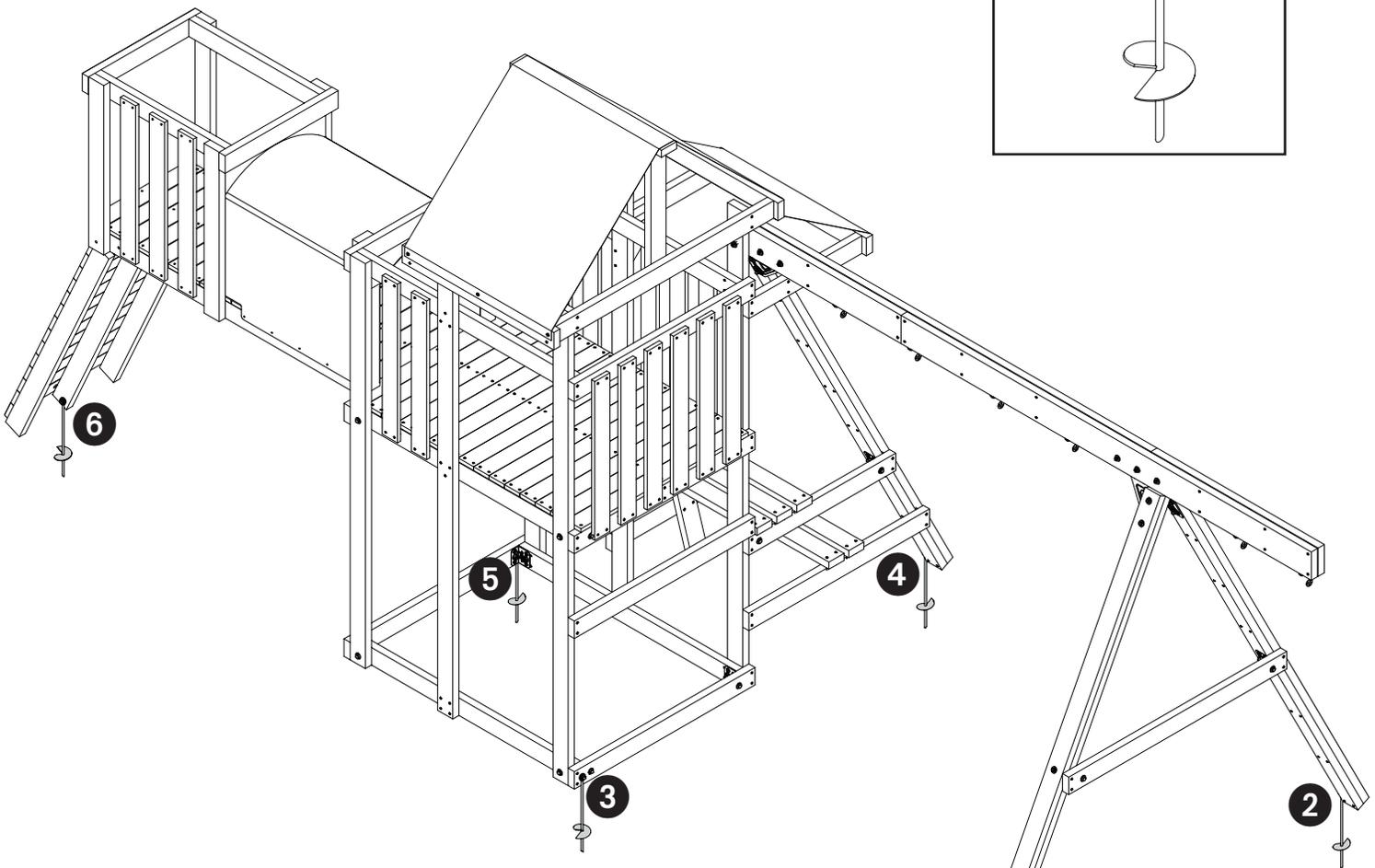
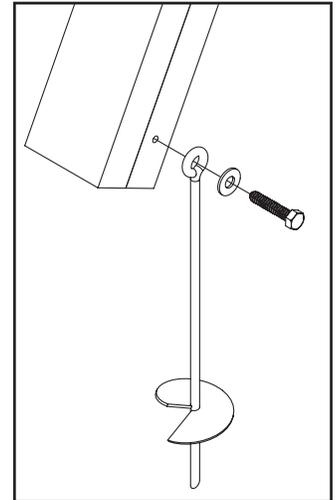


ANCHORING

Items for **STEP 15:**

- (6) Playset Anchors
- (6) $\frac{3}{8}$ " x $1\frac{1}{2}$ " lag screws
- (6) $\frac{3}{8}$ " washers

At locations shown, screw Playset Anchors into ground by hand (a long screwdriver will help). Use the anchor as a drill guide and drill a $\frac{1}{4}$ " hole 1" deep into the board. Attach with $\frac{3}{8}$ " x $1\frac{1}{2}$ " lag screw and $\frac{3}{8}$ " washer.



Note: If soil conditions permit anchors to be pulled out easily, such as in sandy soil conditions, cementing is required. If your ground is too hard to screw in the anchors you can remove the earth with a shovel. Install the anchors and compact the earth as you replace it. Anchors must be placed below the level of the shock-absorbing surfacing material to prevent tripping or injury resulting from a fall.

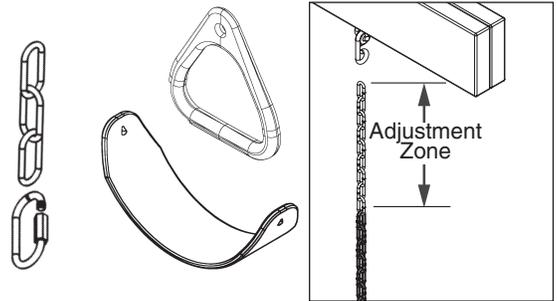
Reminder: Be sure to install proper shock-absorbing surfacing material. Refer to the Safety Guidelines at the beginning of this plan.

COMPONENTS – Mounting Instructions

SWING SEAT • GYM RINGS

1. Attach coated ends of chains onto play component using Quick-Link Connectors provided. Tighten securely with an adjustable wrench.
2. Hook uncoated ends of chain onto Swing Hangers provided.
3. Customize the height of your **swing** or **gym rings** anywhere in the *Adjustment Zone*, to fit your child.

Warning: Failure to tighten Quick Links securely could result in injury.



Swing Chain Spacing:

10" minimum spacing is required from the closest point of all other rides or stationary objects.

Gym Ring Chain Spacing:

11½" minimum spacing is required from the closest point of all other rides or stationary objects.

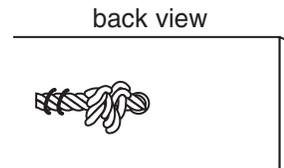
DISCOVERY TELESCOPE



1. Determine desired location for pivot.
2. Drill a ⅛" diameter hole 1" deep.
3. Fasten pivot with #8 x 2½" deck screw provided.
4. Snap Discovery Telescope onto pivot.

CLIMBING ROPE

1. Tie five knots, equally spaced, for climbing grips. **(Fig. 1)**
2. Insert rope through top hole and tie a knot with 4" remaining.
3. Insert opposite end through bottom hole, pull tight and tie a knot while keeping rope snug.
4. Secure both ends with staples provided (2 each end). **(Fig. 2)**



front view

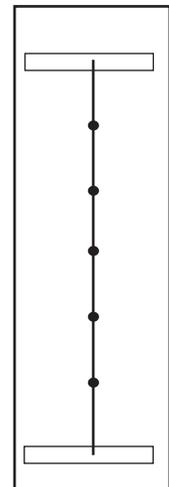


Fig. 1

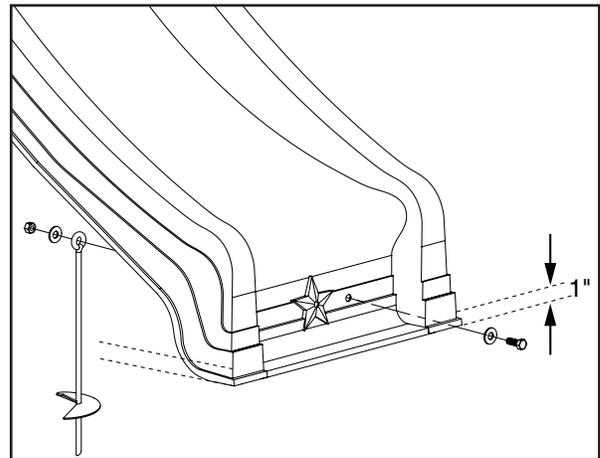
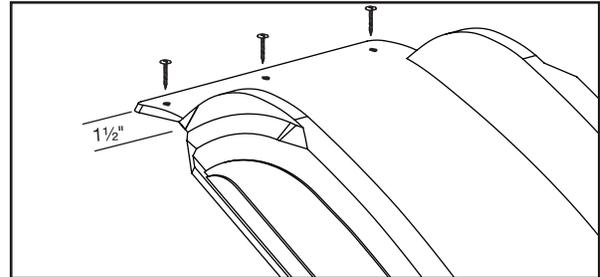
SCOOP SLIDE (PS 8813) • SCOOP WAVE SLIDE (PS 8814)

1. Align Slide at right angle (90°) to 48" play deck. Lip of Slide should rest on the play deck $1\frac{1}{2}$ ". Using the Slide as a template, mark play deck through the three holes in the Slide. Drill three $\frac{1}{8}$ " holes at marked location.

GOLD DESIGN OPTION ONLY:

If one or more pre-drilled holes for Slide line up with a gap between the deck boards, then shift the Slide slightly to one side or another to position the holes away from the gaps.

Note: You may be required to drill a new hole in Slide no more than 1" away from pre-drilled hole to avoid lining up with gap in deck boards.



2. Attach Slide temporarily to play deck with three #14 x $1\frac{1}{4}$ " pan head screws provided.
3. Prepare level area where Slide touches ground that is 1" below surrounding grade.
4. Locate and mark the ground on the back side, on either side of the star. Remove Slide and screw Playset Anchor into the ground (a long screwdriver will help). Screw the anchor deep enough so that the loop at the top of the anchor will be flat against the back surface of Slide when the Slide is in the final position.
5. Reinstall Slide permanently, attaching it to play deck using #14 x $1\frac{1}{4}$ " pan head screws provided.
6. Use the Playset Anchor as a drill guide and drill a $\frac{3}{8}$ " hole completely through the slide. Attach slide to anchor with one $\frac{3}{8}$ " x $1\frac{1}{4}$ " hex bolt, two $\frac{3}{8}$ " washers and one $\frac{3}{8}$ " lock nut provided in the anchor kit.
7. Fill in around bottom of Slide to make surface level to surrounding grade.

Caution: Failure to anchor the Slide properly could cause serious injury from children lifting the Slide.

Caution: Do not install this Slide over concrete, asphalt, packed earth, or any other hard surface. A fall onto a hard surface can result in serious injury to the equipment user.

CLIMBING WALL (PS 8850)

1. Align top of Climbing Wall at right angle (90°). Lip of Climbing Wall should rest on the play deck 1½". Using the Climbing Wall as a template, mark play deck through the three holes in the climbing wall. Drill three ⅜" holes at marked locations. (Fig. 1)
2. Attach Climbing Wall temporarily to play deck with three #14 x 1¼" pan head screws provided.
3. Prepare level area where Climbing Wall touches ground.
4. Locate and mark the ground on the back side and in center of Climbing Wall. Remove Climbing Wall and screw Playset Anchor into the ground (a long screwdriver will help). Screw the anchor deep enough so that the center of the loop at the top of the anchor will be approximately 3½" off ground when wall is in the final position.
5. Reinstall Climbing Wall permanently, attaching it to play deck using #14 x 1¼" pan head screws provided.
6. Use the anchor as a drill guide and drill a ⅜" hole completely through the Climbing Wall. Attach Climbing Wall to anchor with one ⅜" x 1" hex bolt, two ⅜" washers and one ⅜" lock nut provided in the anchor kit. (Fig. 2)

Warning: Failure to anchor the Climbing Wall properly could cause serious injury from children lifting the Unit.

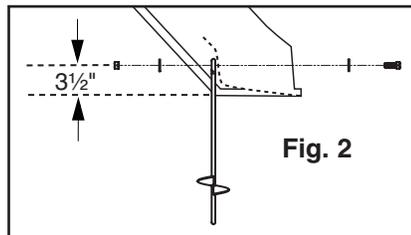


Fig. 2

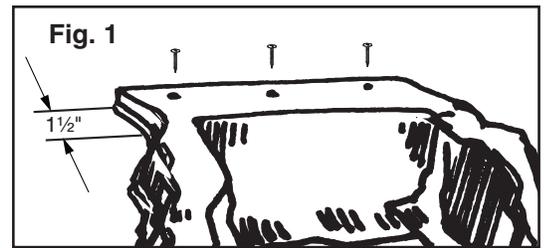
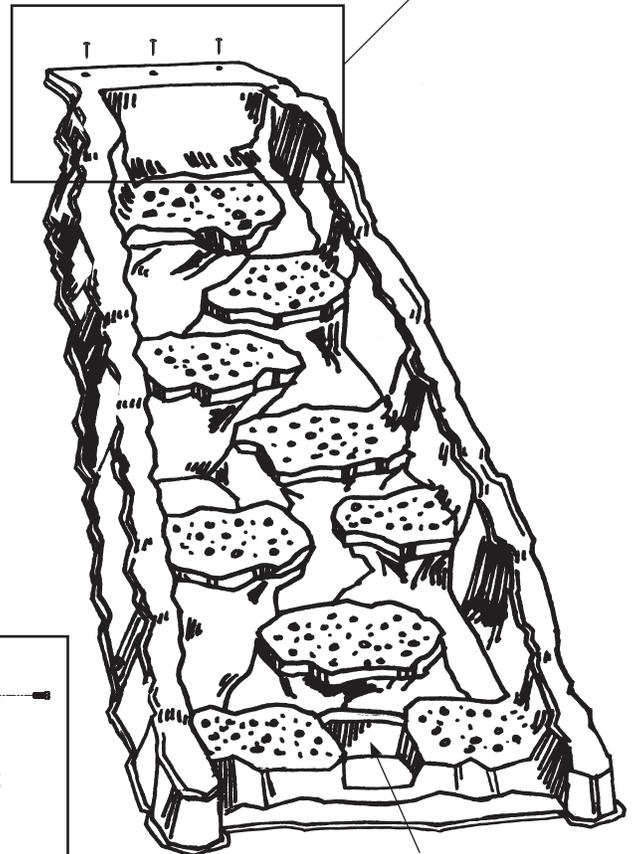


Fig. 1



anchor location

AIR RIDER (PS 7958)

Use the installation instructions and mounting hardware supplied with this component.



SAFETY PLAQUE - LT 7000

1. Place on Swing Beam or in prominent location on Playset.
2. Drill a 1/8" diameter hole 1/2" deep.
3. Fasten with #8 x 5/8" truss head screws provided.





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