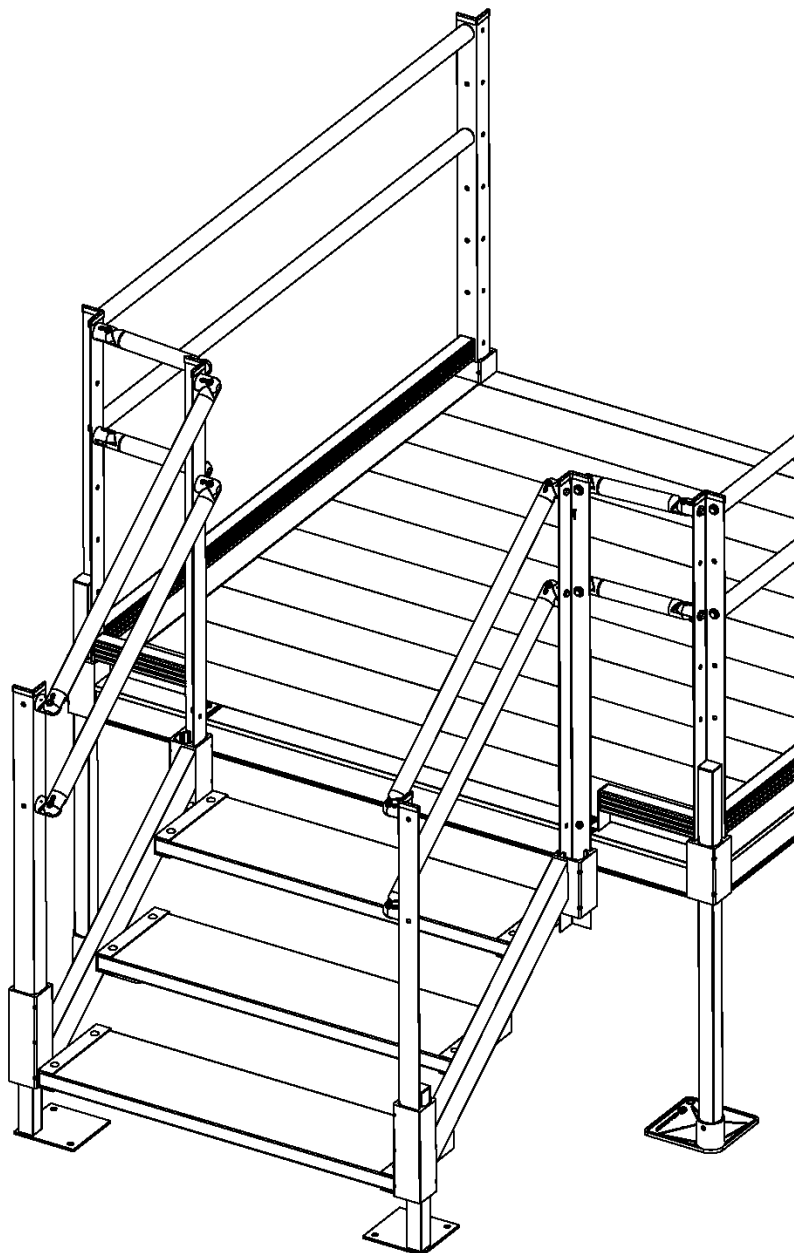


Assembly Manual

PATHWAY® 3G Stair System

For use with the PATHWAY 3G Modular Access System, as freestanding stairs, or with other structures.



**Stair attached to PATHWAY 3G Platform
(sold separately)**

Patented Components.
LIFETIME WARRANTY. Please register at www.ezaccess.com/product-registration.
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Manufactured in the USA

14697 REV 10-01-2024

INTRODUCTION

Throughout this manual, the term “stair” refers to the entire stair system and its compatibility with various components, including, but not limited to, platforms, ramps, handrails, gates, and any/all hardware.

SYMBOLS

-  The **WARNING** symbol indicates a potentially hazardous condition/situation. The safety warnings throughout this manual, and on your equipment, if any, are for the protection of people and property. Failure by any operator to abide by safety warnings will result in a waiver of all liabilities, loss of your warranty, and could result in equipment damage and or failure, property damage, risk of serious bodily injury, and or death. The symbol may appear in various colors and in conjunction with other symbols and with or without the written word “WARNING”.
-  The **NOTE** symbol indicates important information. Failure to obey all notes could result in improper operation, less-than-optimum equipment performance, and at the sole discretion of the equipment manufacturer, may void your warranty. The symbol may appear in various colors and in conjunction with other symbols and with or without the written word “NOTE”.

WARNINGS

-  Maximum weight capacity is 850 lbs.; never exceed weight capacity.
-  Prior to assembly and use, read and follow all instructions, warnings, and labels. Following all instructions and obeying all warnings before and during use is necessary for safe operation. Do not remove labels. For additional information or to obtain copies of instructions or labels, call 1-800-451-1903.
-  For residential use only.
-  This product must be installed by a qualified installer and maintained as specified in this manual and per your applicable local codes.
-  If needed, use a qualified helper when using the stair; always use handrails.
-  Handrails are required and must be installed.
-  Only use components supplied by the manufacturer with the stair.
-  Before each use, check the stair for worn, loose, or damaged parts. If you find any of these conditions, do not use the stair and contact your installer for service or repairs. Failure to do so may result in serious injury.
-  Do not use the stair if it is damaged or unstable.
-  Do not tamper with, attempt to repair, or modify any portion of the stair.
-  Ensure that the landings the stair will be placed on are substantial and of sound construction.
-  Use only if the secure, unobstructed, level landings can support the weight capacity of the stair (850 lbs.).
-  Before each use, confirm the stair is secure, anchored, and assembled per the instructions. Contact your installer for any necessary adjustments.
-  Use only if sufficient maneuvering room is available at both ends of the stair to assure safe travel when entering and exiting the stair.
-  The stair may be slippery in wet conditions; use caution as traction may be reduced.
-  Before each use, remove ice, snow, dirt, leaves, and other debris on contact surfaces. Please refer to ‘MAINTENANCE & SAFETY’ and ‘DEICING’ sections in the assembly manual for more information.
-  Do not lean on, walk on, or otherwise bear weight on the stair until assembly is complete.
-  Do not run, jump, or play on or around the stair.
-  Do not sit, stand, or climb on handrails or gates.
-  Do not place anything on, under, or attach anything to the stair including, but not limited to, planters, lights, decorations, etc.
-  Improper use of the stair could result in serious injury.
-  Always exercise caution when handling, assembling, and or using the stair.
-  Aluminum conducts electricity. Do not use the stair during electrical storms or in proximity to damaged or exposed wiring.
-  Properly support and restrain the stair in transit or storage.
-  For additional care, usage, or general safety information, please call 1-800-451-1903.

USAGE NOTES

When properly anchored, the PATHWAY 3G Stair may be used as a freestanding stair. The PATHWAY 3G Stair may also be attached to existing platforms, decks, or other suitable structures.

INSTALLATION/CONFIGURATION WARNING

- ⚠** Installing the PATHWAY 3G Stair in any non-compliant configuration, or rise, may result in an unsafe situation and or installation being rejected by your local inspector or Authority Having Jurisdiction (AHJ). Always check your local codes and assemble in compliance.

CONFIGURATIONS CHART (SEE 'INSTALLATION/CONFIGURATION WARNING' ABOVE)			
Description (w/ Recommended Rises)	Number of Treads	Rise: Code Compliant	Rise: Non-Compliant
EZ-ACCESS PATHWAY 3G STAIR SYSTEM 8"-14"	1	8"-14"	8"-17.375"
EZ-ACCESS PATHWAY 3G STAIR SYSTEM 15"-21"	2	15"-21"	15"-24.375"
EZ-ACCESS PATHWAY 3G STAIR SYSTEM 22"-28"	3	22"-28"	22"-31.375"
EZ-ACCESS PATHWAY 3G STAIR SYSTEM 29"-35"	4	29"-35"	29"-38.375"
EZ-ACCESS PATHWAY 3G STAIR SYSTEM 36"-42"	5	36"- 42"	36"- 45.375"
EZ-ACCESS PATHWAY 3G STAIR SYSTEM 43"-49"	6	43"-49"	43"-52.375"
EZ-ACCESS PATHWAY 3G STAIR SYSTEM 50"-56"	7	50"-56"	50"-59.375"

TOOLS TYPICALLY REQUIRED

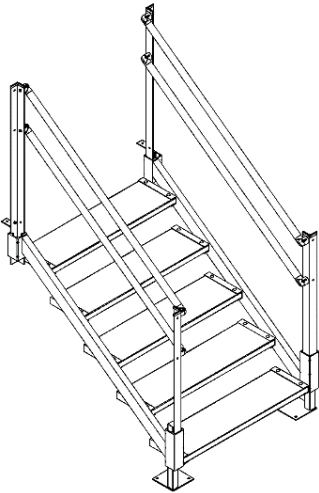
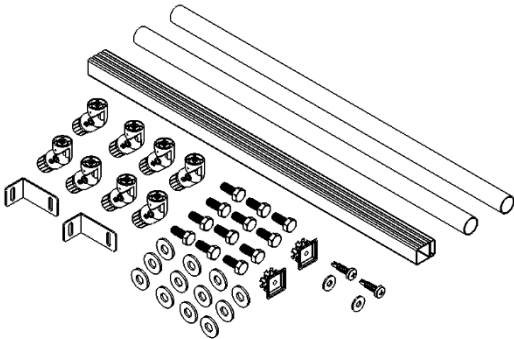
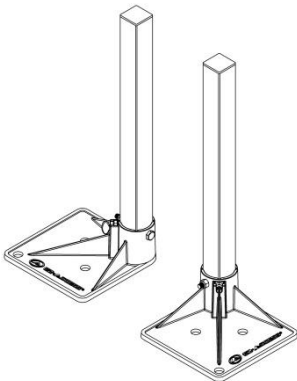
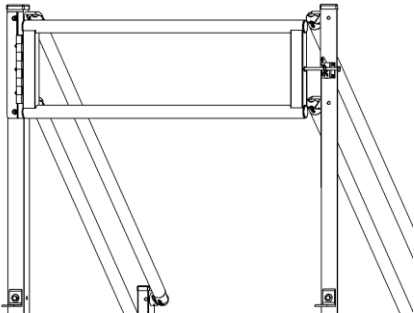
- ✓ RATCHET WITH 1/2" DEEP WELL SOCKET OR 1/2" WRENCH
- ✓ 1/8" DRILL BIT
- ✓ 3/16" ALLEN WRENCH
- ✓ #2 PHILLIPS HEAD SCREWDRIVER OR SIMILAR TOOL
- ✓ 25' TAPE MEASURE
- ✓ BOX KNIFE
- ✓ LEVEL
- ✓ RUBBER Mallet
- ✓ FILE
- ✓ POWER DRILL

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1. **BASIC STAIR COMPONENTS**

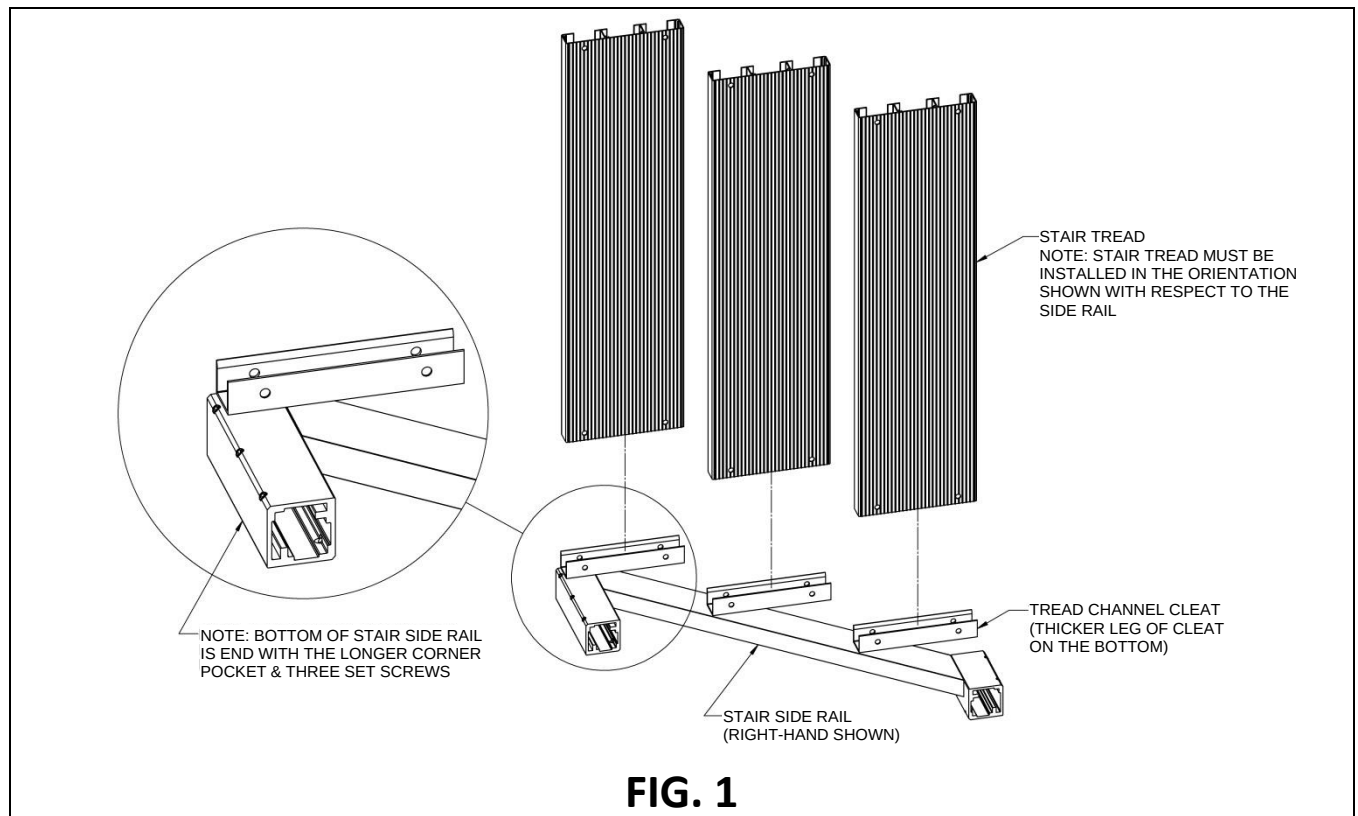
1.1. Because each installation is different, your stair may or may not contain these basic components.

PATHWAY 3G STAIR	
	
PATHWAY 3G Stair System 36"-42" (shown without stair support tubes and feet)	
OPTIONAL: PPSCTL PLATFORM TO STEP CLOSURE TWO-LINE HANDRAIL	OPTIONAL: PSSxxxx FEET & LEG PAIRS
 This kit is used to connect the stair handrails to the platform handrails. The supplied 36" handrail tubes & curb are trimmed to length during installation.	 This kit is used for additional support at the top of the stair or when the stair is being used as a freestanding system. (xxxx DENOTES RESPECTIVE STAIR RISE)
OPTIONAL: PUG36 – UNIVERSAL GATE 36"	
	

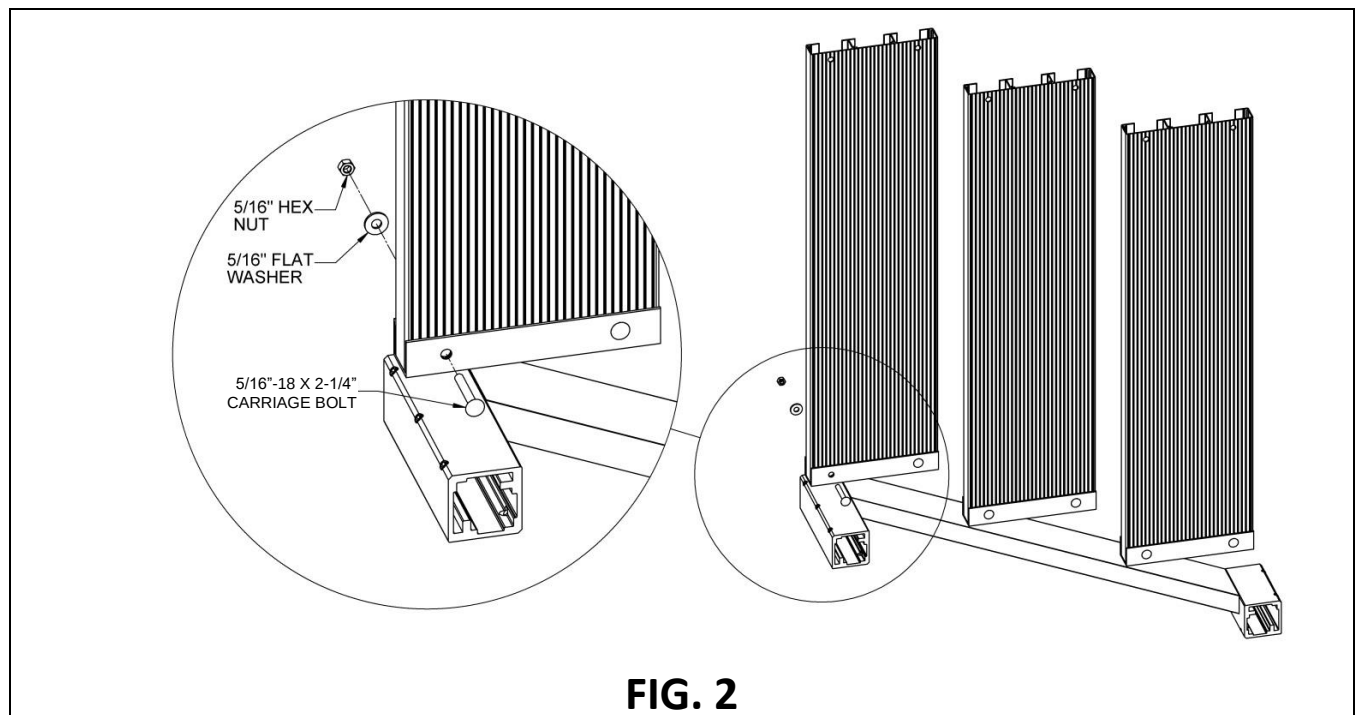
NOT TO SCALE

2. ASSEMBLING THE RISER

- 2.1. Lay the right-hand stair side rails flat with tread channel cleats pointing up and insert the treads into the channel cleats. Place on cardboard or another suitable surface to avoid scratching the side rail. Make sure the tread is positioned with the traction ridges oriented upward. Use a rubber mallet if needed to tap the tread into the tread channel cleat until the holes in the cleat line up with the holes in the stair tread (FIG. 1).

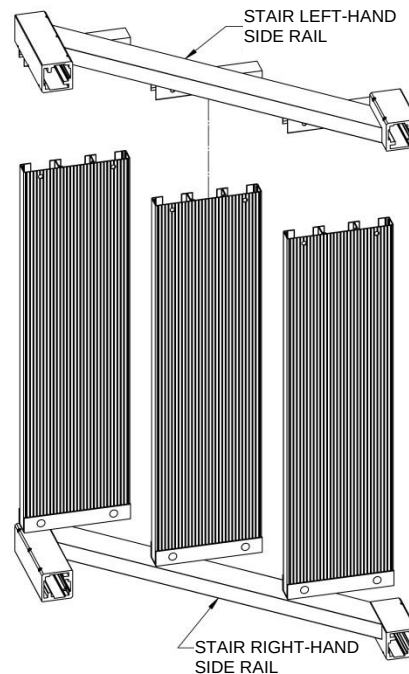


- 2.2. Install 5/16"-18 x 2-1/4" carriage bolts in the holes through the top side of the right-hand channel cleats. Use a rubber mallet to sink carriage bolts into holes. Install 5/16" washers and nuts onto the carriage bolts on the bottom side of the channel cleats but do not tighten fully yet (FIG. 2).



- 2.3. Set the left-hand side rail on the treads and tap into place until the holes in the channel cleat line up with the holes in the tread (FIG. 3).

FIG. 3



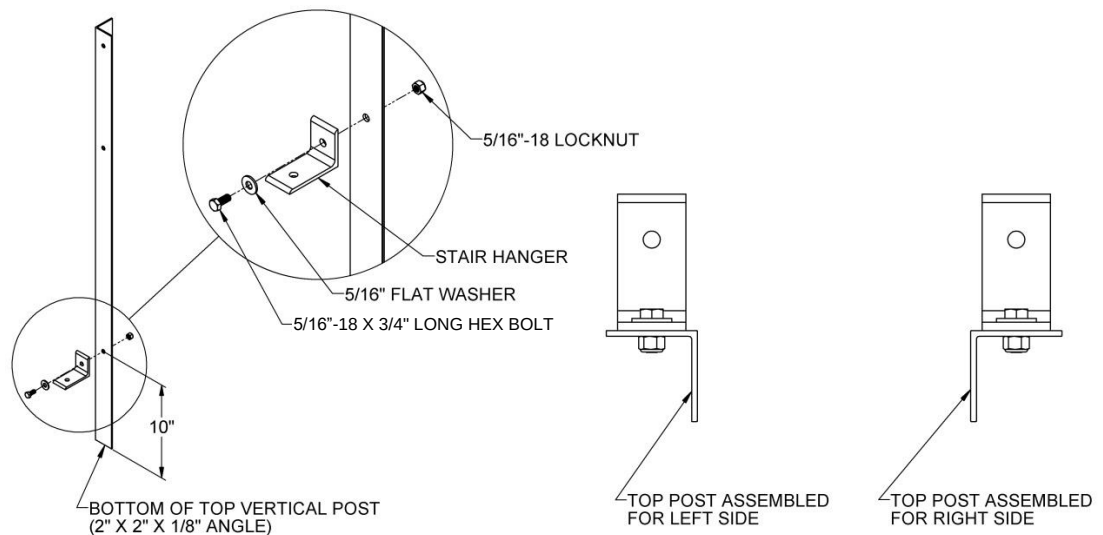
- 2.4. Install 5/16"-18 x 2-1/4" carriage bolts with nuts and washers in the left-hand side rail and through the tread, as described in 2.2.
- 2.5. After all carriage bolts, nuts, and washers are installed, tighten nuts using a ratchet with a 1/2" socket or a 1/2" wrench. Tighten nuts until the channel cleat clamps onto the tread slightly. NOTE: Some deformation in the channel cleat by the carriage bolt is normal.

3. ASSEMBLING THE STAIR LEGS AND HANDRAILS

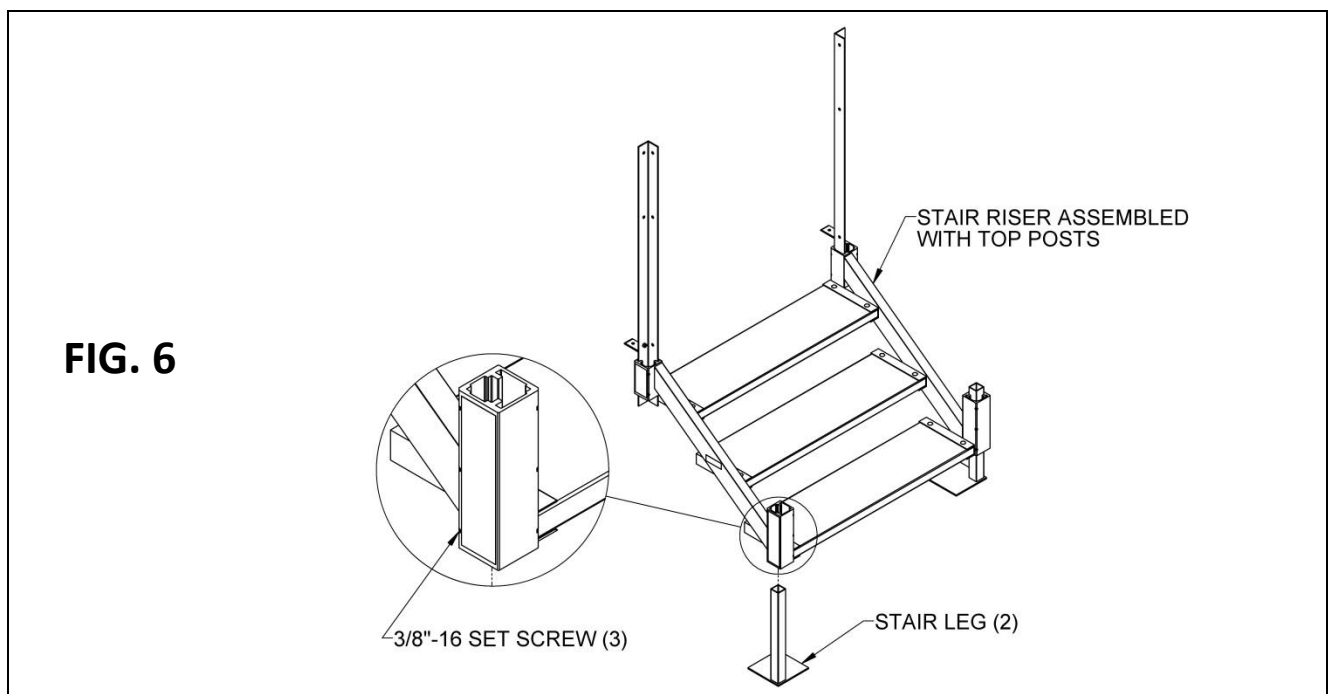
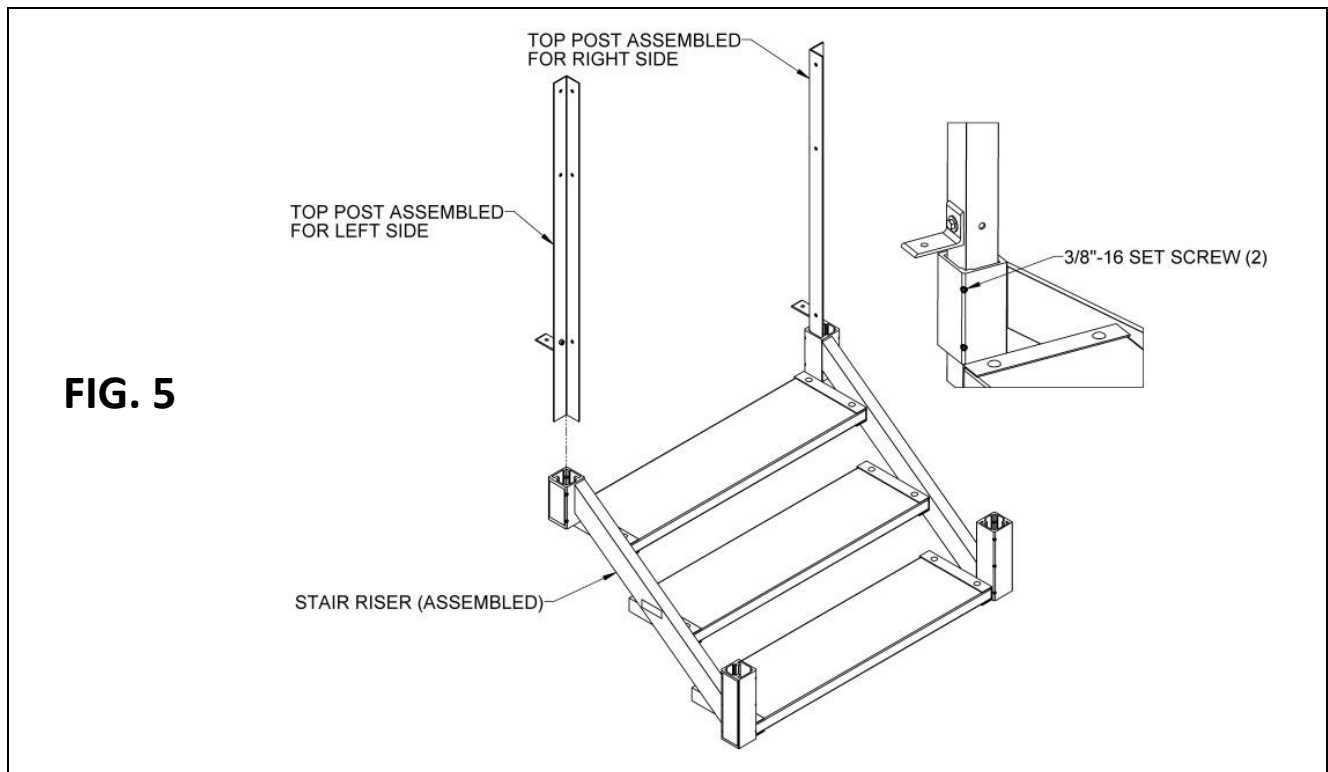
- 3.1. Assemble the stair hangers to the top vertical posts. The top vertical post is the post with six 3/8" holes; the bottom vertical post only has four. Attach the stair hangers to the hole 10" from the bottom using the 5/16"-18 x 3/4" long hex bolt, 5/16"-18 locknut and 5/16" flat washer supplied. Orient the stair hanger as shown with the short leg attached to the post and the long leg oriented toward the bottom then tighten fasteners securely (FIG. 4).

✎ The top vertical posts are universal, but stair hangers must be assembled to opposite sides to create posts for the left and right sides of the stairs.

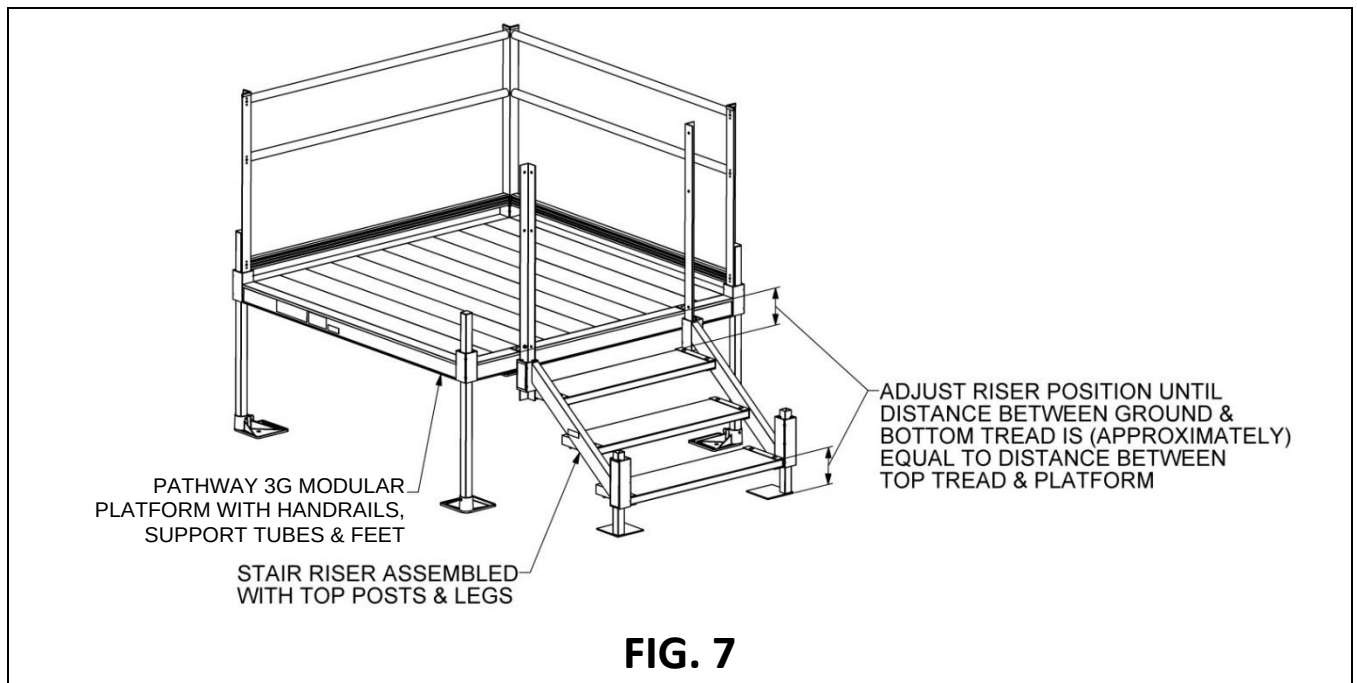
FIG. 4



- 3.2. Insert the top vertical posts into each top corner pocket with the stair hanger oriented away from the riser. Tighten one 3/8"-16 set screw in each top corner pocket (FIG. 5).
- 3.3. Insert legs in bottom corner pockets so that the square base foot is oriented under the riser as shown. Tighten one 3/8"-16 set screw on each bottom corner pocket (FIG. 6).

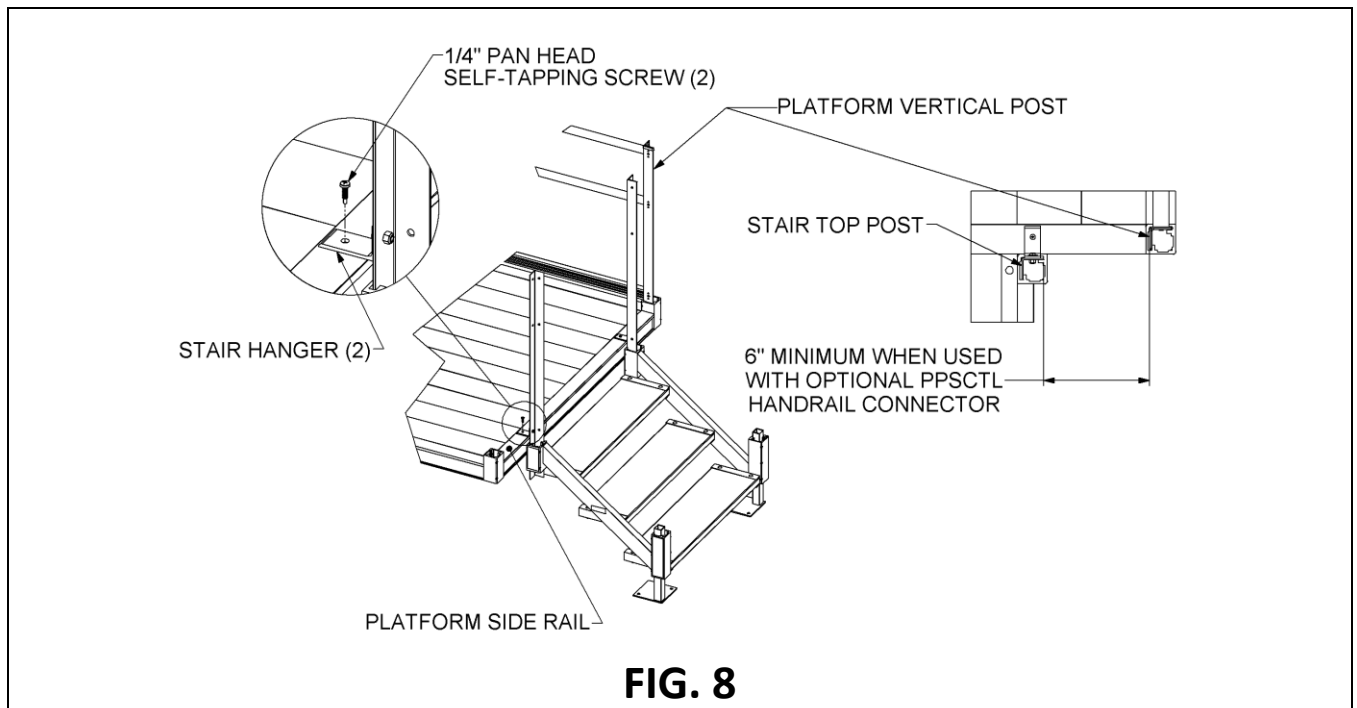


- 3.4. Hang the stair assembly on the platform in the desired location. Adjust the vertical position of the riser on the legs and top posts by loosening and retightening the 3/8"-16 set screws in the riser corner pockets until the distance from the bottom tread to the ground is approximately the same distance from the top tread to the platform walking surface, and the stair treads are level. After the riser has been positioned and leveled, tighten all set screws in the corner pockets securely (FIG. 7).



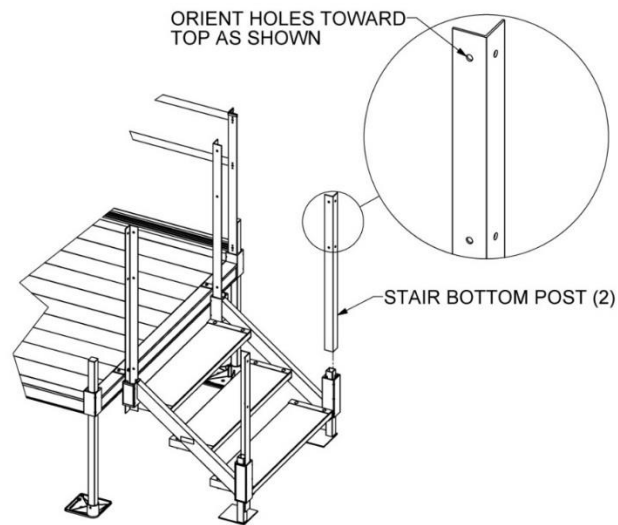
- 3.5. Make sure the stair assembly is positioned flush against the platform side rail and use the holes in the stair hanger tabs as a template to drill 1/8" holes through the top wall of the side rail. Fasten the stair assembly to the platform using two provided 1/4" pan head self-tapping screws (FIG. 8).

👉 NOTE: If the stair will be used with a Platform to Step Closure Two-Line Handrail (PPSCTL), a minimum of 6" is required between the platform vertical post and stair top post.



- 3.6. Insert the stair bottom posts into bottom corner pockets with the holes on top (FIG. 9). DO NOT tighten set screws yet.

FIG. 9



- 3.7. Assemble one closure elbow to the stair top post and one to the stair bottom post using the provided 5/16"-18 x 3/4" long hex bolts but do not tighten fully (FIG. 10). The stair elbow attached to the stair top post should be at approximately 90 degrees and pointed toward the stair elbow attached to the stair handrail bottom post. Align the round portions of the closure elbows facing each other and make sure the flat faces are parallel, then tighten the 5/16"-18 x 3/4" long hex bolts and the elbow assembly screws enough to hold the elbows in place.
- 3.8. Measure the distance between the two larger round faces. The gap between the upper and lower stair elbows should be the same but it is advisable to check both before trimming all the tubes to fit (FIG 10).

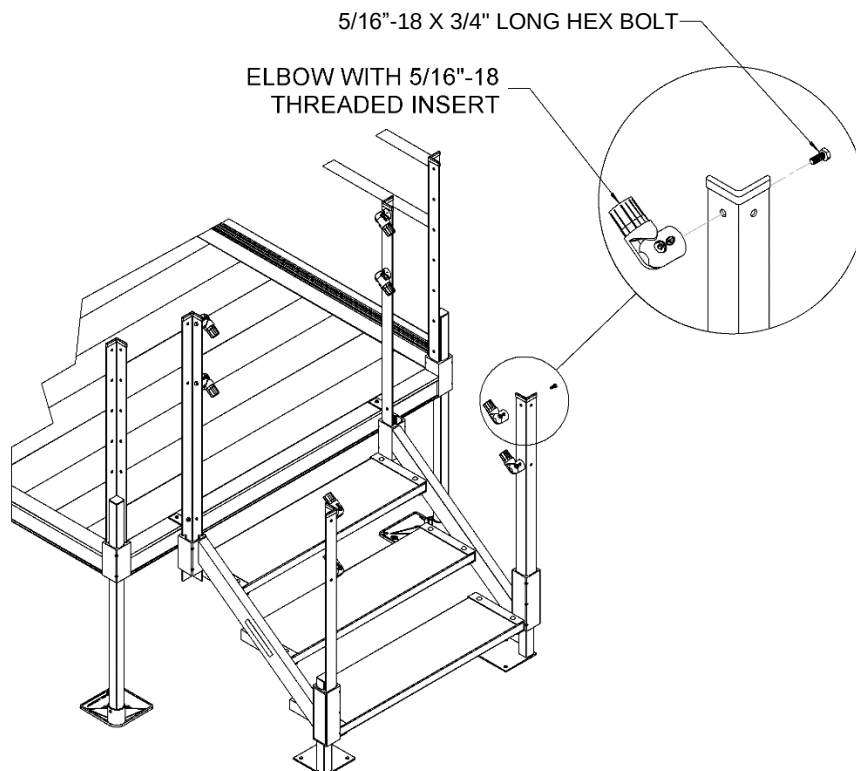
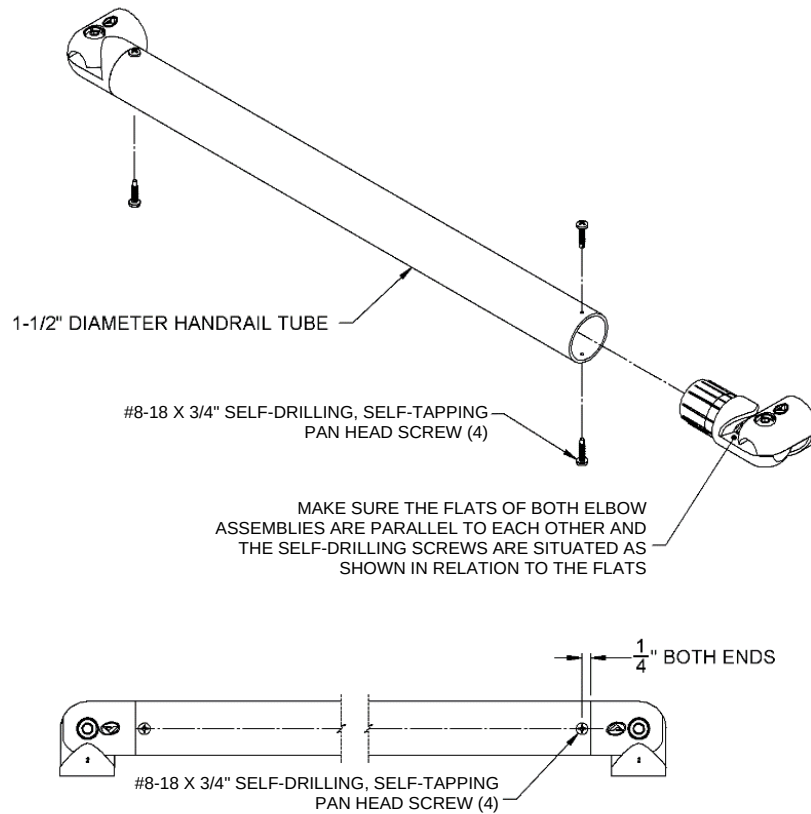


FIG. 10

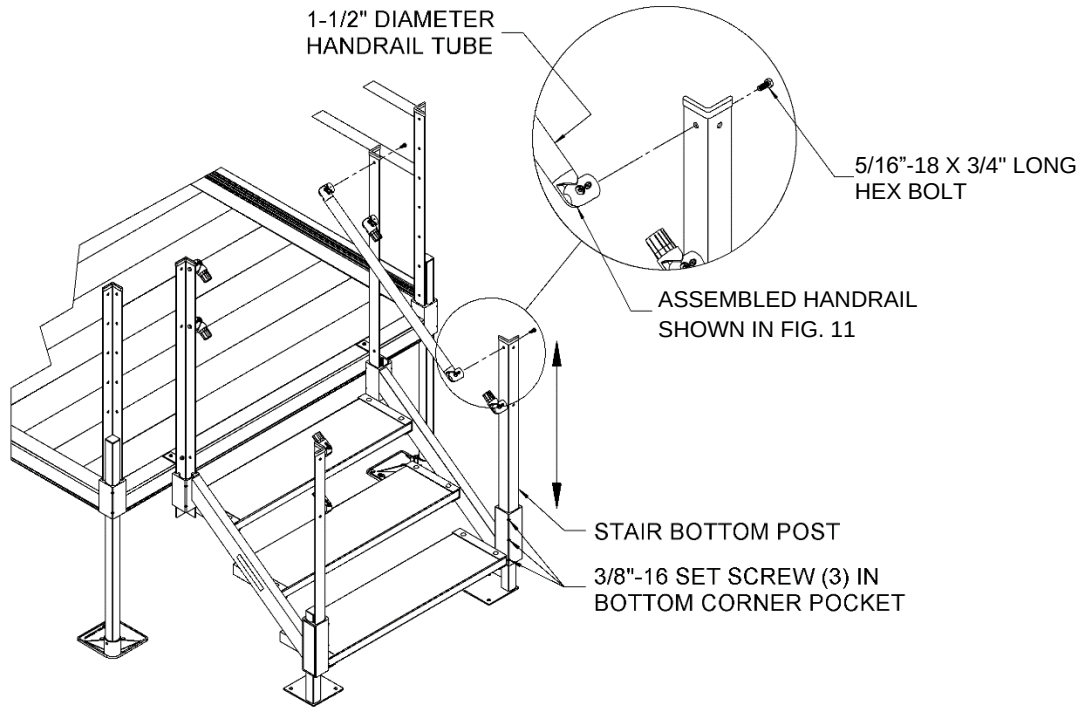
- 3.9. Drill 3/32" or 1/8" pilot holes through the 1-1/2" diameter tubes and elbow. The holes should be in line with the assembly fasteners and approximately 1/4" from the elbow (FIG. 11).
- 3.10. Drive #8-18 x 3/4" self-drilling, self-tapping pan head screws into the holes drilled in the previous step. Tighten securely but use caution to not overtighten and strip the threads (FIG. 11).

FIG. 11



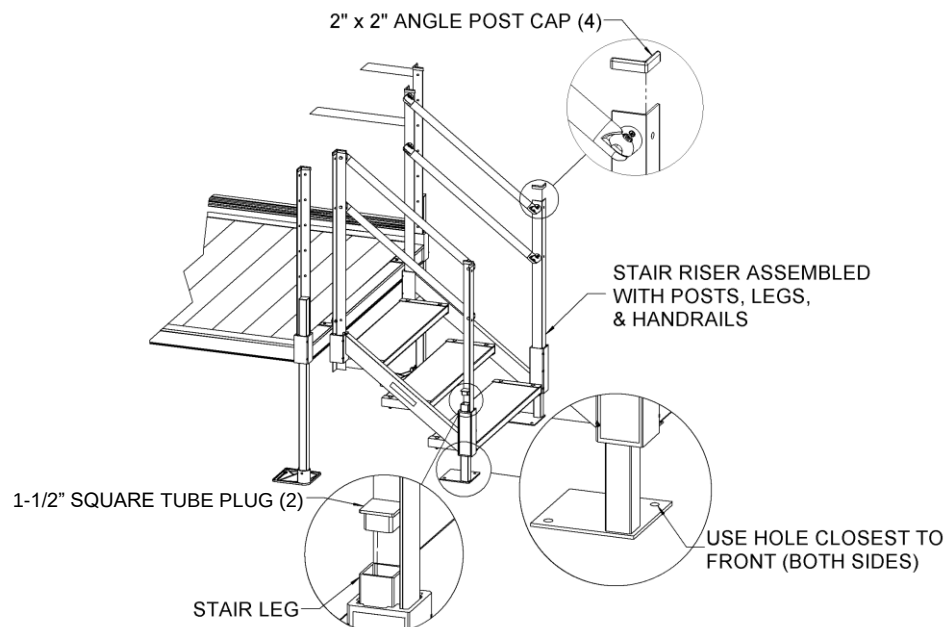
- 3.11. Using one handrail tube with closure elbow installed, assemble to one of the closure elbows in the stair's upper post using the elbow center insert, assembly screw, and nut, but do not tighten fully (FIG. 12).
- 3.12. Adjust the stair bottom post on one side up or down until the handrail tube is parallel to the stair side rail and the holes in the elbows at the stair bottom post align then tighten the 3/8"-16 set screws in the bottom corner pockets securely (FIG. 12).
 - ✎ If the holes in the elbow halves at the stair bottom post do not align when the handrail tube is parallel to the stair side rail, the handrail tube must be trimmed until they do. Remove the elbow from the lower end of the handrail tube, trim as needed, and reinstall the elbow. Repeat until the tube is parallel to the stair side rail and the holes in the lower elbow align.
- 3.13. After one of the stair bottom posts is set at the correct height, set the other at the same height and tighten the set screws in the bottom corner pockets securely.
- 3.14. Trim the remaining handrail tubes to the final length established in 3.8 and insert closure elbows as described in 3.11.
- 3.15. Assemble the handrail tubes with closure elbows to the elbows installed on the stair posts in 3.11 and tighten all elbow attachment bolts securely.

FIG. 12



- 3.16. Insert a 1-1/2" square tube plug into the top of each leg and install a plastic angle cap on top of each stair post (FIG. 13). Use construction adhesive (included in stair assembly hardware) to secure the plastic angle caps as needed.
- 3.17. The stair legs of the PATHWAY 3G Stair must be anchored (anchors not provided) to the ground. Select the appropriate anchor for the ground condition where the stair is installed and use the holes closest to the front of the stair for anchoring (FIG. 13).

FIG. 13



4. INSTALLING THE PLATFORM TO STEP CLOSURE TWO-LINE HANDRAIL – PPSCTL (OPTIONAL EQUIPMENT)

- 4.1. Installation of the closure elbows in the Platform to Step Closure Two-Line Handrail (PPSCTL), used to connect a stair top post to a platform handrail post, is similar to installing the stair handrails but the closure elbow is not disassembled first. Assemble one closure elbow to the stair top post and one to the platform handrail post opposite the stair top post using the provided 5/16"-18 x 3/4" long hex bolts but do not tighten fully (FIG. 14).

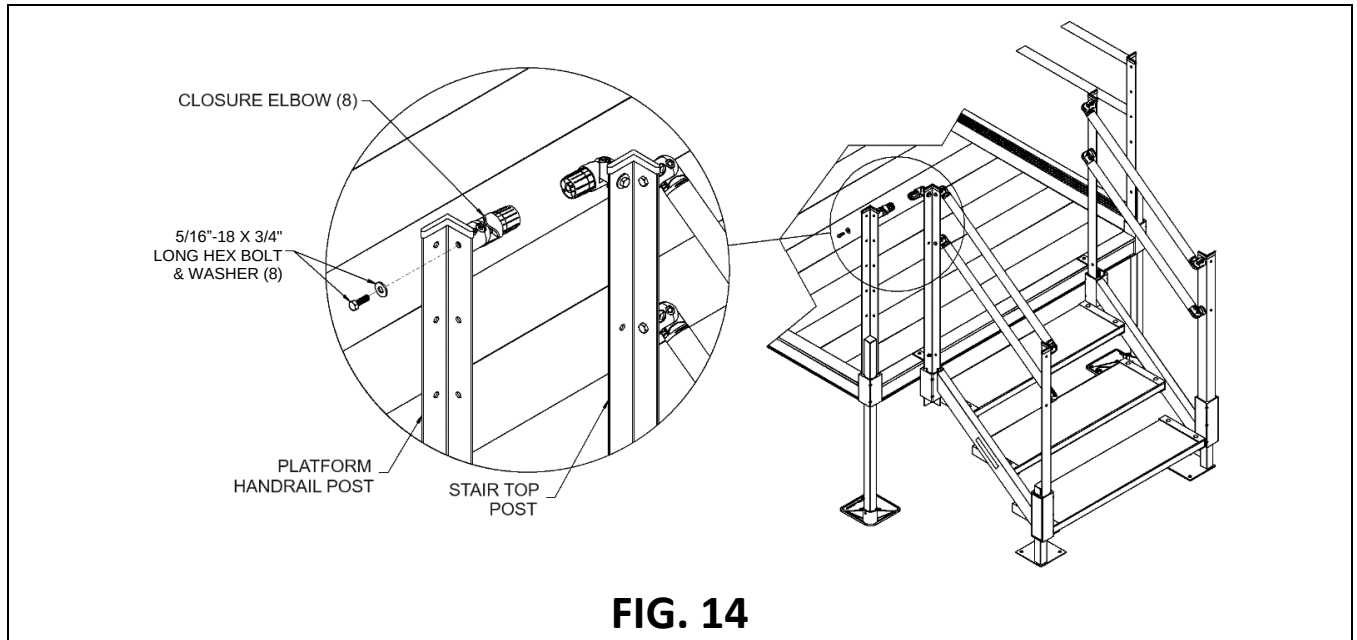


FIG. 14

- 4.2. The closure elbow attached to the stair top post should be at approximately 90 degrees and pointed toward the closure elbow attached to the platform handrail post. Align the round portions of the closure elbows facing each other and make sure the flat faces are parallel then tighten the 5/16"-18 x 3/4" long hex bolts and the elbow assembly screws enough to hold the elbows in place.
- 4.3. Measure the distance between the two larger round faces. The gap between the upper and lower closure elbows should be the same but it is advisable to check both before trimming the tubes to fit (FIG. 15).

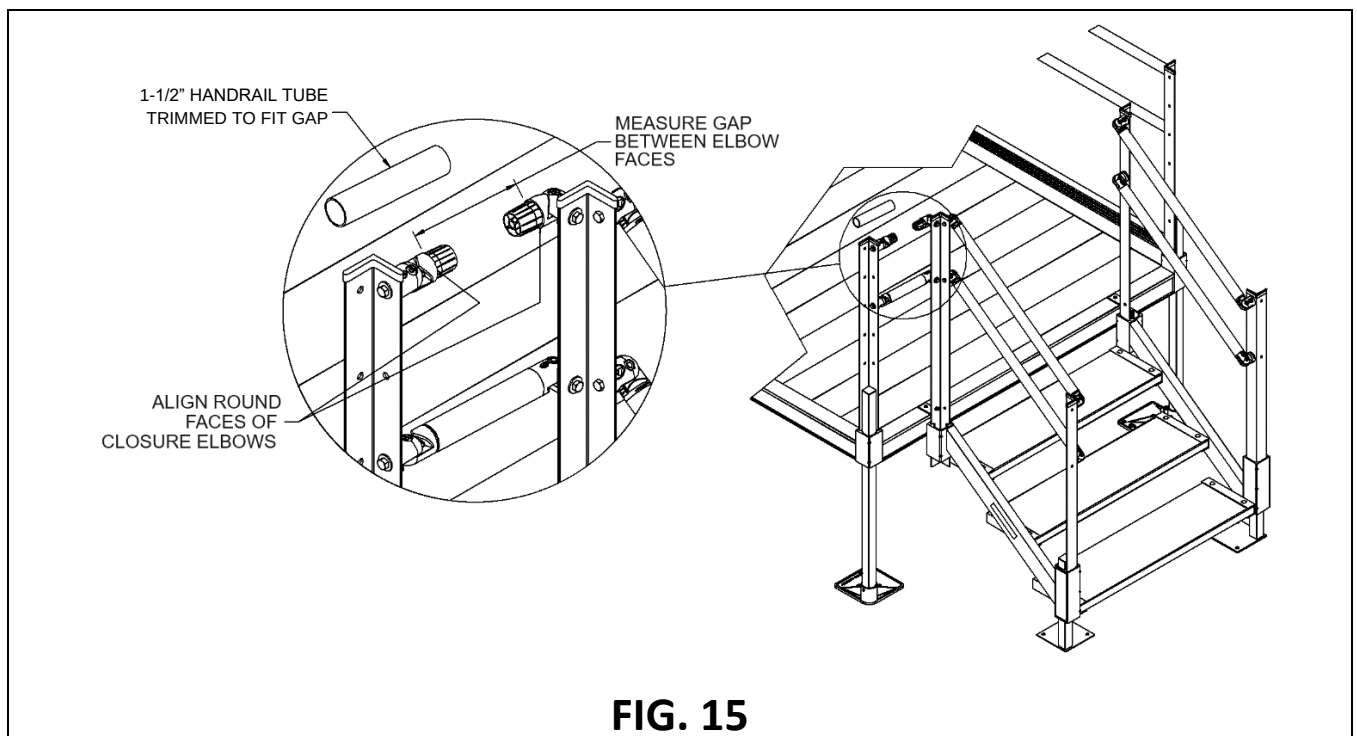
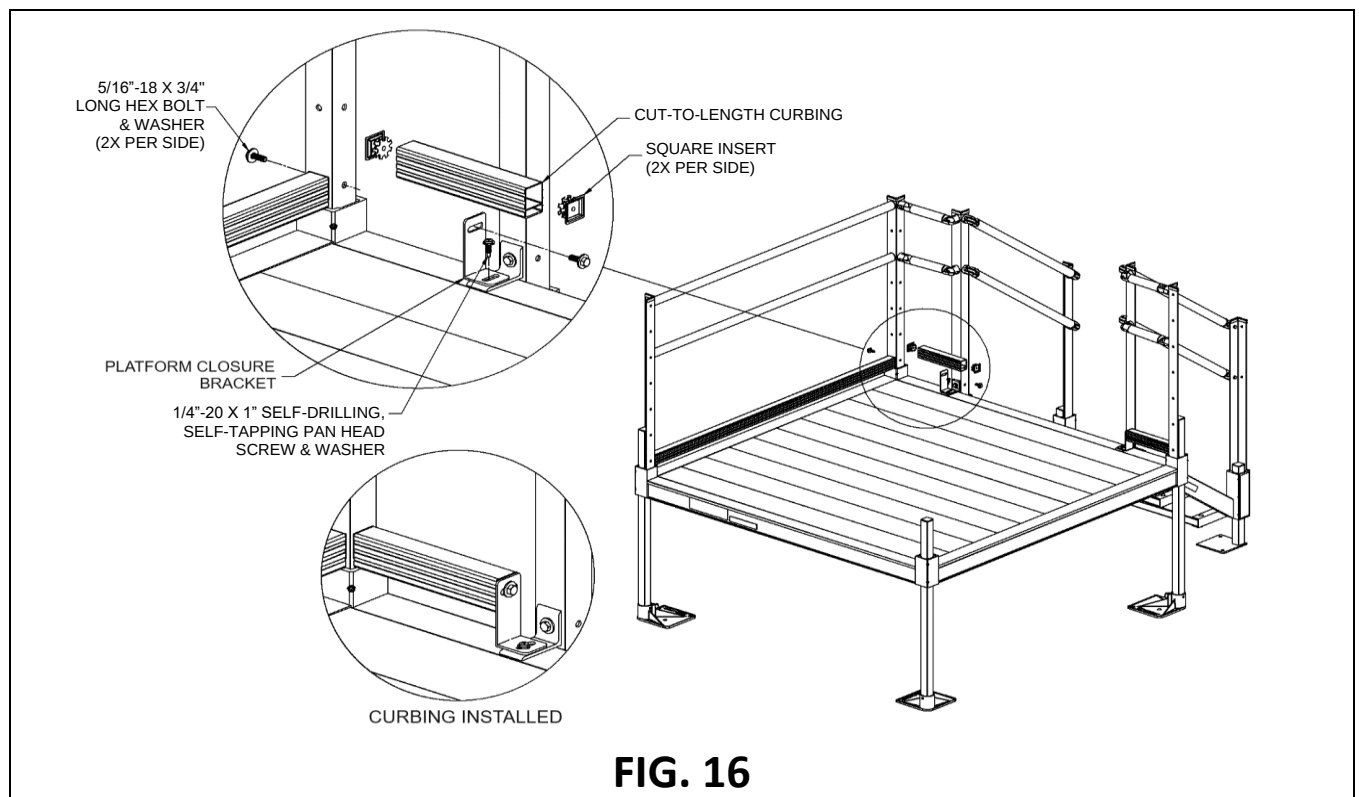


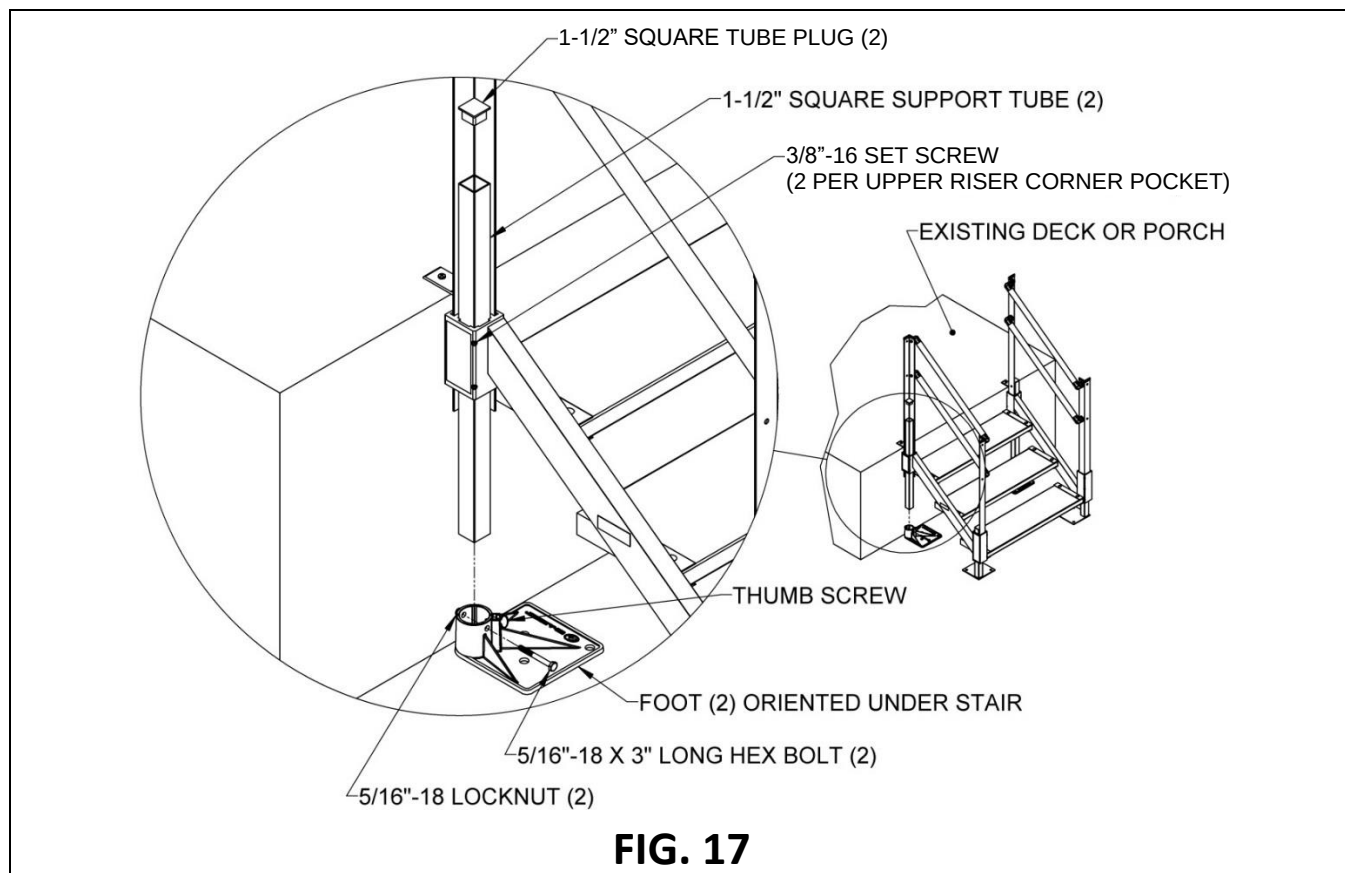
FIG. 15

- 4.4. Trim the 1-1/2" diameter round tubes to fit the gap measured in the previous step.
- 4.5. Using a metal file, smooth all sharp edges from trimming the round tubes.
- 4.6. Disassemble the closure elbows by removing the elbow screws and nuts but do not remove the closure elbows halves from the platform handrail or stair top posts.
- 4.7. Install a closure elbow half into each end of the trimmed tube until fully engaged.
- 4.8. Test fit assembly with closure elbow halves installed on the posts.
- 4.9. Tighten all fasteners, including the 5/16"-18 x 3/4" long hex bolts, securely.
- 4.10. Test to ensure all elbows are properly secured and attached.
- 4.11. Repeat steps 4.1 to 4.10 for all locations.
- 4.12. The curbing in the Platform to Step Closure Two-Line Handrail is used to connect a Stair Handrail Post to a Platform Handrail Post, and is similar to installing the closure elbows.
- 4.13. Install Platform Closure Bracket with 1/4"-20 x 1" self-drilling, self-tapping pan head screw and 1/4" I.D. x 5/8" O.D. washer. Orient Platform Closure Bracket face parallel to the face of the Platform Handrail Post.
- 4.14. Mount (2) Square Threaded Insert flanges using 5/16"-18 x 3/4" long hex bolts, but do not tighten fully. Measure the distance between the (2) Square Threaded Insert flanges and inside faces, and trim the curbing to this length.
- 4.15.  Use a metal file to smooth all sharp edges from trimming the curbing.
- 4.16. Remove mounted Square Threaded Insert flanges and insert each into the end of trimmed curbing. Install curbing between Platform Closure Bracket and Platform Closure Post with 5/16"-18 x 3/4" bolts and 5/16" I.D. x .875" O.D. washers. (FIG. 16).
- 4.17. Repeat steps 4.14 to 4.15 for installation of the opposite side.
- 4.17. Double-check that all fasteners are tightened securely. Periodically check for ground shifts and regularly check and tighten hardware as needed.



5. INSTALLING THE FEET AND PATHWAY 3G STAIR SYSTEM LEG PAIRS – PSSxxxx (OPTIONAL EQUIPMENT)

- 5.1. Installation of PATHWAY 3G Stair System Leg Pairs (PSSxxxx, where xxxx denotes the stair rise) at the top is similar to installing the stair leg at the bottom but the components are not welded assemblies. First, insert the 1-1/2" square support tube through the open area in the upper riser corner pocket and into the foot. The foot should be oriented under the stair as shown (FIG. 17).

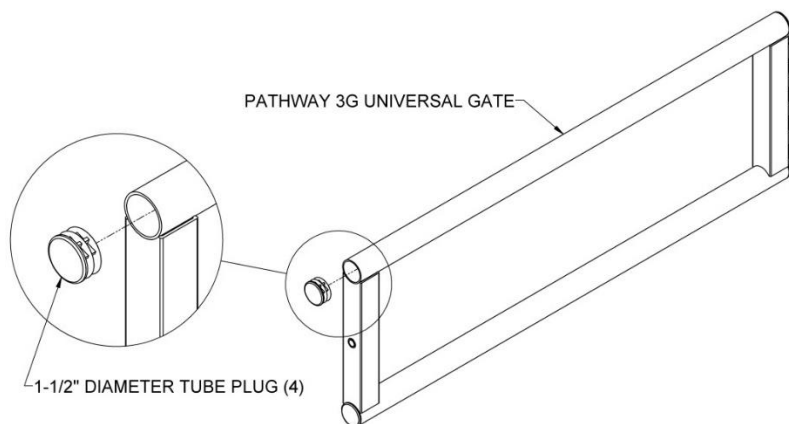


- 5.2. Tighten the thumb screw in the foot.
- 5.3. Use the hole in the foot as a template to drill an 11/32" or 3/8" hole through the support tube, and secure the foot to the support tube using a 5/16"-18 x 3" long hex bolt and 5/16"-18 locknut.
- ⚠ You must install the nut and bolt listed in step 5.3 above, or a dangerous situation may result.
- 5.4. Tighten the 3/8"-16 set screws in the riser corner pocket securely (FIG. 17).
- 5.5. Insert a 1-1/2" square tube plug into the top of each support tube.
- 5.6. Repeat steps 5.1 to 5.5 on the opposite side.

6. INSTALLING THE UNIVERSAL GATE – PUG36 (OPTIONAL EQUIPMENT)

- 6.1. Assemble the stair as described in 'ASSEMBLING THE RISER' and 'ASSEMBLING THE STAIR LEGS AND HANDRAILS' and mount to the intended platform or landing.
- 6.2. Install the 1-1/2" diameter tube plugs into the ends of the 1-1/2" diameter tubes on the universal gate. Use a rubber mallet to tap plugs into place until fully engaged (FIG. 18).

FIG. 18



- 6.3. Locate the PATHWAY 3G Stair to Gate Mounting Adapter and attach it to one of the top vertical posts (depending on which side the gate hinge will mount) using the two 5/16"-18 x 3/4" long hex bolts and 5/16"-18 locknuts. Orient the PATHWAY 3G Stair to Gate Mounting Adapter with the three smaller holes facing the riser and the bolt on the outside of the platform as shown (see FIG. 19).
- 6.4. If using the Platform to Step Closure Two-Line Handrail (PPSCTL), install two closure elbows (included with the connector) on the platform side of the PATHWAY 3G Stair to Gate Mounting Adapter instead of the 5/16"-18 locknuts (FIG. 19). Refer to 'INSTALLING THE PLATFORM TO STEP CLOSURE TWO-LINE HANDRAIL' for Platform to Step Closure Two-Line Handrail instructions.

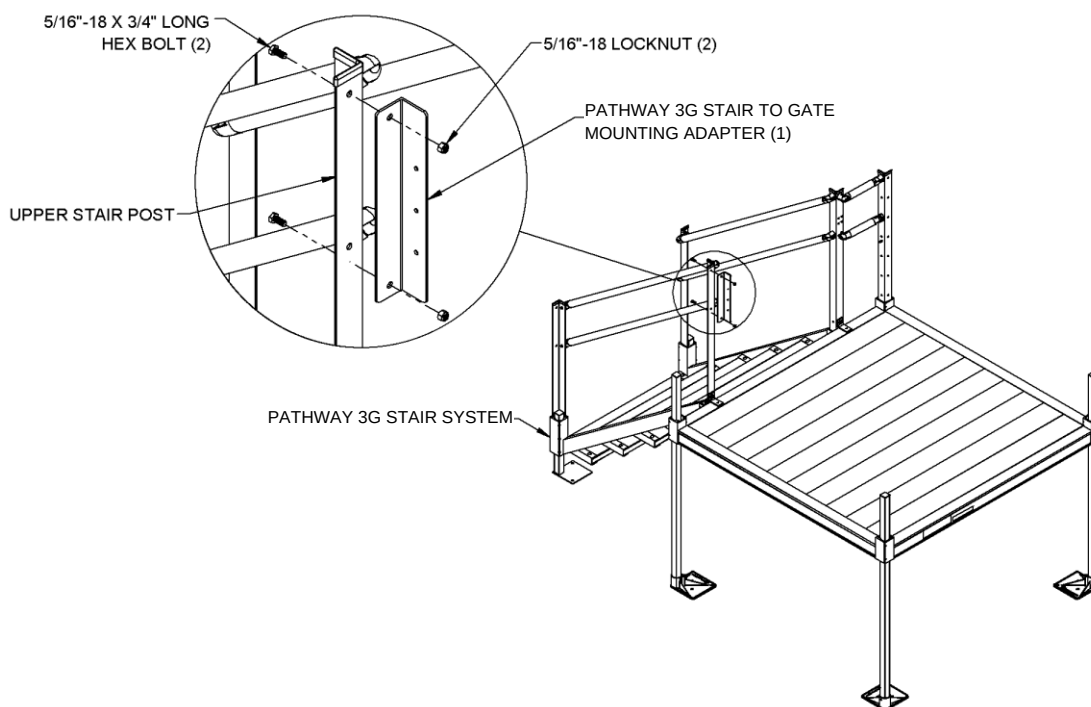
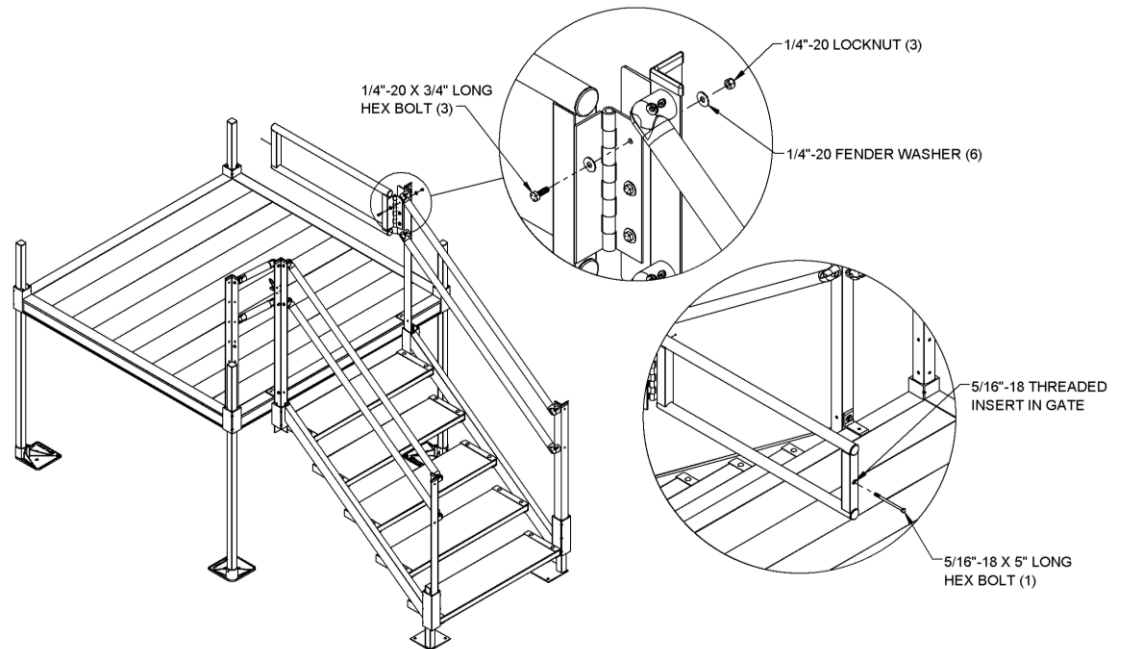


FIG. 19

- 6.5. Attach the gate to the PATHWAY 3G Stair to Gate Mounting Adapter using the three 1/4"-20 x 3/4" long hex bolts, 1/4"-20 locknuts, and 1/4"-20 fender washers. Orient the hex bolts with the head on the hinge side of the adapter and fender washers under the bolt heads and the locknuts as shown (FIG. 20).

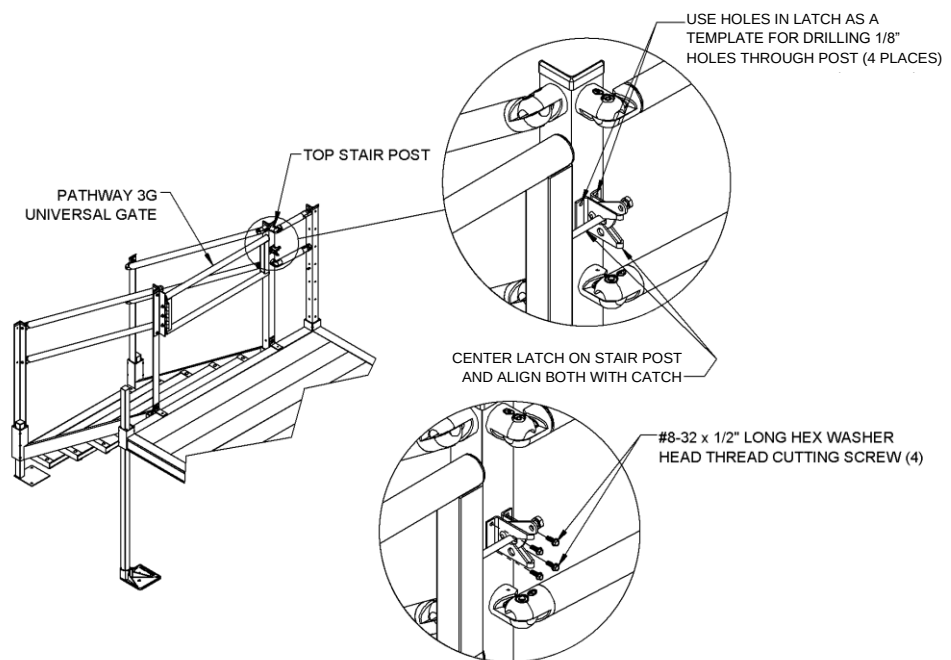
- 6.6. Install the 5/16"-18 x 5" long hex bolt into the 5/16"-18 threaded insert located opposite the hinge. Tighten the bolt until further tightening becomes difficult but do not over-tighten to the point where the insert starts spinning (FIG. 20).

FIG. 20



- 6.7. Remove the latch and latch bar from the bag containing the gravity latch and discard the included screws (they will be replaced with the #8-32 x 1/2" long hex washer head screws).
- 6.8. Hold the latch so it is centered on the stair post opposite the hinge and on the outswing side of the gate, then align the catch with the bolt installed in the previous step. While holding the latch in place, open and close the gate a few times to confirm the catch is working correctly and reposition up or down if needed. After confirming the position, mark the locations of the holes in the latch and drill four 1/8" holes through the stair post at the marked locations (FIG. 21).
- 6.9. Attach the latch to the post using four #8-32 x 1/2" long hex washer head thread cutting screws (FIG. 21).

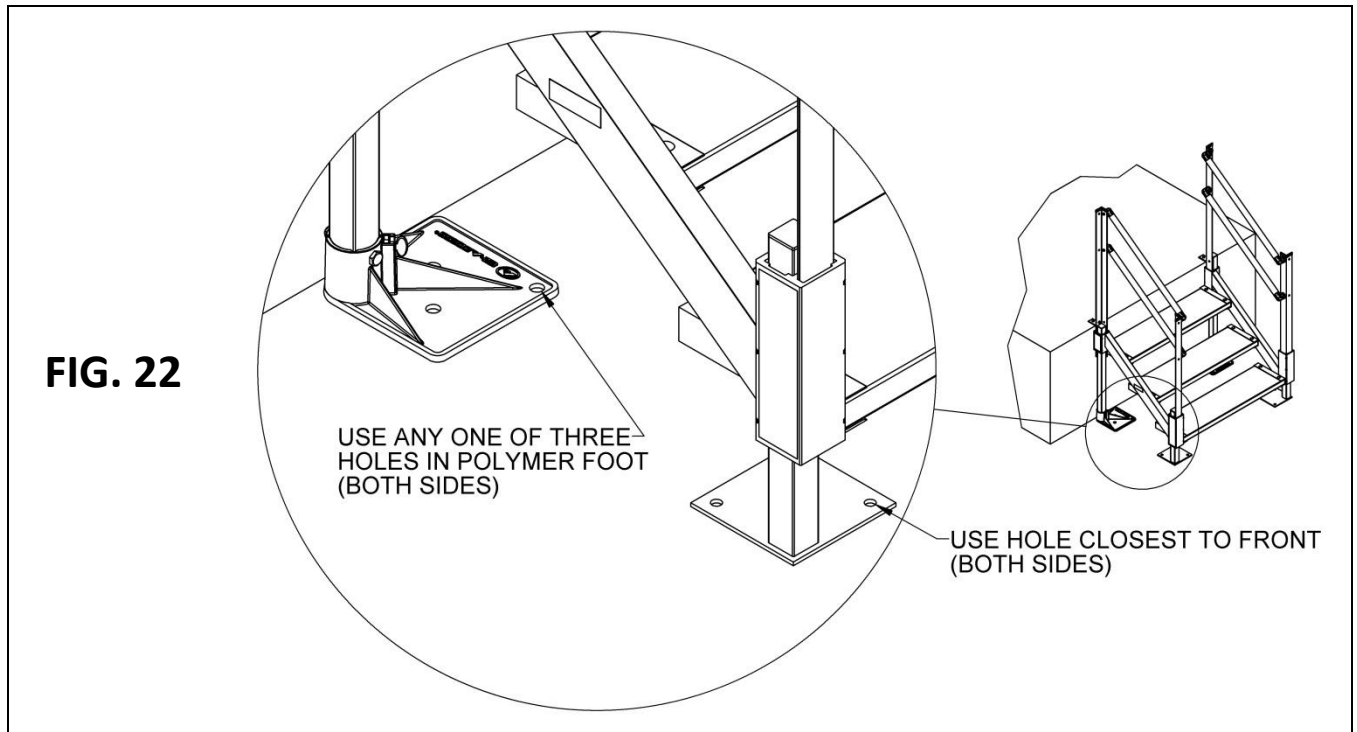
FIG. 21



7. FREESTANDING STAIR USE AND INSTALLATION

⚠ Before each use, confirm the stair is secure, anchored, and assembled per the instructions.

- 7.1. If the PATHWAY 3G Stair is freestanding (i.e., not attached to a platform, deck, or porch) all four feet (two at the bottom and two at the top) of the stair must be securely anchored (anchors not provided). Select the appropriate anchor for the ground condition where the stair is installed. Use the holes closest to the front of the stair for the two bottom feet and any one of the three holes in the polymer feet at the top (FIG. 22).



8. MAINTENANCE AND SAFETY

- 8.1. Always exercise caution when handling, assembling, and or using the stair. Proper maintenance and upkeep of the stair surfaces is vital.
- 8.2. If needed, use a qualified helper when using the stair; always use handrails.
- 8.3. Before each use, check the stair for worn, loose, or damaged parts. If you find any of these conditions, do not use the stair and contact your installer for service or repairs. Failure to do so may result in serious injury.
- 8.4. At all times, keep the stair clear of dirt, leaves, and other debris that may accumulate on the surface. Simply sweeping the stair or using a garden hose will usually suffice, but, if needed, a damp cloth or soft brush with soap and water can be used (avoid use of alkaline detergents).
- 8.5. If tread surface is covered with ice and or snow, remove ice and or snow before use. Snow accumulation should be shoveled, and the tread surface swept clean. Magnesium Chloride may be used to melt snow or ice accumulation on the stair; however, after the snow and or ice threat has cleared, be sure to clean the tread surface with soap and water (avoiding alkaloid detergents) to remove Magnesium Chloride residue. See 'DEICING' below for additional information.
- 8.6. Keep stair clear of debris and clutter. Do not use stair if walking surface is unsafe.
- 8.7. Do not run, jump, or play on or around the stair, including climbing on or between the handrails.
- 8.8. Do not use any part of the stair to support planters, lights, decorations, etc.
- 8.9. The stair may be slippery in wet conditions; use caution as traction may be reduced.

9. DEICING

- ⚠ For the safety of all users, it is important to keep your stair clear of snow, ice, and other debris.
- ⚠ Always follow the deicing agent manufacturer's directions.
- ⚠ EZ-ACCESS will not be held responsible for any injuries or damages that arise from the information provided. ALWAYS check with the deicing product's manufacturer or your local supplier to determine which method is best for your situation.
- ⚠ After the snow and or ice threat has cleared, be sure to clean the tread surface with mild soap and water (avoid alkaline detergents) to remove deicing residue.
 - ✋ Sodium Chloride (salt) and Calcium Chloride are particularly damaging to newly poured concrete. In addition, these chemicals should not be applied to brick and stone surfaces.
 - ✋ While care has been taken to ensure that the table below is accurate, the information shown is not all-inclusive. Manufacturers of deicing products may update their products as well as recommended functions and usage requirements. The deicing method you choose should be researched with your deicer supplier so you can determine which method is best for your situation.
 - ✋ The information below is taken from Fact Sheet 707, Cooperative Extension Service, University of Maryland at College Park, University of Maryland Eastern Shore, and was up to date at the time of this manual's publication.

PRODUCT	MIN. WORKING TEMP (°F)	SPEED OF ACTION	DAMAGES CONCRETE & METAL?	HARMFUL TO PLANTS
MAGNESIUM CHLORIDE	-13	VERY FAST	NO	MODERATE
CALCIUM CHLORIDE	5	FAST	YES	YES
SODIUM CHLORIDE (SALT)	18	MODERATE	YES	YES
POTASSIUM CHLORIDE	25	SLOW	OK ON OLD CONCRETE	MODERATE
CALCIUM MAGNESIUM ACETATE (CMA)	25	SLOW	NO	NO

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