

IMPORTANT

Owner Information

Visit www.playcore.com/shipment or use the QR code to give feedback about the condition of the shipment, quality of product, and installation feedback.

Please include pictures.



Includes:

GameTime Warranties

Ground Plan

Hardware Listing

Assembly and Installation Instructions



A PLAYCORE Company

TABLE OF CONTENTS

General Information.....	1
GameTime Warranty	9
Product and Safety Information.....	13
Ground Plan Information.....	23
Equipment Installation Instructions	28



A PLAYCORE Company

Thank you for selecting, installing and maintaining your GameTime play equipment. We appreciate the confidence you have placed in us and will always strive to earn your trust and respect. The following information is an overview of maintenance procedures and you should always refer to the individual specifications found within your Owner's Manual that was provided with your original order. While the purpose of this overview is to make you aware of considerations in your routine maintenance program, it is not to be considered an all-inclusive list.

We do not want you to rely upon this overview in lieu of the normal safety inspections you might otherwise conduct. Please refer to the GameTime specifications and warnings, which were supplied with the equipment and continue your normal inspections. Please do not construe our failure to either itemize any particular maintenance activity or list any particular condition as a statement that none is needed or requires attention. We volunteer these comments in the interest of safety while, at the same time, advising you of the restricted context in which they are given.

Play environments generally contain playground equipment, protective surfacing and other related amenities like shade canopies, benches, litter receptacles, natural plant materials and access pathways. It is very important to view the entire area to ensure that general public safety factors like streets, parking lots, utility lines, neighboring yards with pools and animals, and drains are taken into consideration when planning your play area. Additionally, be sure that adequate lines of sight are available throughout the equipment and play area have been established. Be sure to provide access to all interior and exterior elements of the play environment.

Regular maintenance is necessary on all park and playground equipment, including the protective surfacing. **Proper maintenance extends equipment life.** Maintenance of play environments requires commitment from dedicated and trained individuals with some mechanical ability and common sense. The frequency of each inspection generally depends upon environmental conditions and amount of equipment use. Normally, daily inspections are adequate; however in some low use environments with favorable environmental conditions, weekly inspections may suffice. Please be advised that high use play environments may need workers to help with supervision and daily maintenance issues.

With regards to overall safety, if you ever feel a piece of equipment or portion of the protective surfacing is broken or dangerous, immediately take the equipment out of service. If necessary, post personnel or fence the equipment to prevent use until the necessary repairs can be made. This is an important precaution that can potentially prevent an injury.

PROTECTIVE SURFACING

Regular maintenance to the playground protective surfacing material is critical to providing safer and more playable environments for children and adults.

“Surfacing” is the material under and around your play equipment. There are two main categories of surfacing materials -unitary and loose-fill. Unitary surfacing materials include rubber matting, a combination of rubber materials poured-in-place and other applications of closed cell foam and rubber materials. Loose-fill Surfacing materials include engineered wood fiber, recycled shredded rubber, recycled chipped rubber, sand, gravel, shredded bark mulch and wood chips. It should be noted that though sand is a wonderful play material, it is abrasive on equipment and can be the cause of excessive wear on heavily used components.



Unitary poured in place rubber on playground



Loose-fill on playground

UNITARY SURFACING

Poured-in-place, rubber tiles, and rubber mats. Prior to purchase, the owner/operator should require from the unitary surfacing vendor, a copy of their testing results proving the product has been properly tested for the critical fall heights of the play equipment.

Debris and loose-fill materials on the unitary surfacing should be removed regularly to help prevent the potential of tripping or slipping. Damaged sections of the unitary surfacing should be repaired immediately. This includes vandalized areas, worn areas, and tiles that have become loose. Some types of unitary surfacing can be power-washed to clean-up spilled food materials and help to remove loose impediments. Always check with the manufacturer and obtain their recommendations prior to cleaning unitary surfacing.

LOOSE-FILL SURFACING

Loose-fill surfacing requires daily maintenance. Loose-fill surfacing tends to be displaced in high traffic areas (such as slide exits, under swings, under overhead ladders, sliding poles, etc.). This displacement requires the owner to physically move the surfacing back to the correct location. Additionally, children may move loose-fill surfacing by digging and playing with the surfacing. A final consideration is that a loose-fill material tends to compress (pack down) over time. All of the above stated actions require you to perform routine maintenance to the loose-fill surfacing. Regular daily maintenance includes removing any unwanted items that may have been brought into the play area, removing litter, and raking the material back to the needed areas. Weekly or monthly maintenance includes uncompressing the materials with a rototiller or other loosening machine, and replenishing materials as needed.



Raking loose-fill engineered wood fiber material

Exposed Footings- When surfacing materials have been displaced and the concrete footing is exposed (the concrete is used to structurally anchor the play equipment), it is important to replace the surfacing (at the correct depth) over the exposed footing. Concrete footings should be installed slightly below construction grade. Never allow exposed concrete footings or walkways within the use zone of playground equipment.



Exposed concrete footing (others)

PLAYGROUND EQUIPMENT

LOOSE-FILL SURFACING

Most of the ASTM F-1487 structural integrity requirements are designed for equipment manufacturers to physically test their equipment. GameTime engineers test equipment to meet or exceed these structural integrity standards. Additionally, GameTime play equipment has been independently validated and certified to the ASTM F-1487 standard through the International Play Equipment Manufacturers Association. For more information about this process and our certified products, refer to www.ipema.org.

With regards to long term structural integrity, there are areas that need to be inspected as part of your regular maintenance program. You should check for rust on metal parts (especially at and below ground level). You should also inspect all welds, especially with moving equipment, for cracks or signs of fatigue. In the event that a weld appears damaged or fatigued, take the equipment out of service until necessary repairs can be made. Additionally if you own wooden equipment, it must be inspected for wear, cracking, and rotting (especially at and below ground level).

PAINT/FINISH

For over two decades the finish on GameTime playground equipment has been a protective plastic powder coating. This process insures a lead-free coating that is cured over the metal surface to give years of protective service from the environment. We supply matching touch-up paint with each equipment order and additional touch-up paint may be purchased through your local GameTime representative.

Over the past decade, two main concerns have arisen with paint on older playground equipment. The concern about lead in paint is mainly due to older equipment being repainted through the course of years. Older equipment that has paint peeling or flaking should be tested for lead. You may wish to research and confirm that the paint on your playground equipment has no lead in it as outlined in Consumer Product Safety Commission (CPSC) Handbook Section 8.1. If paint contains no lead and has worn off a section(s) of equipment and the equipment is still in compliance with applicable ASTM standards and CPSC guidelines, contact your GameTime representative for availability of touch-up paint. Exposing the equipment to rust, can eventually cause structural failure.

MOVING PARTS

Like everything else in the world that moves, friction wears moving parts of playground equipment. It is important to recognize which parts move and inspect them often. Examples of moving parts that require frequent inspection include but are not limited to: swing hangers and chains, track-rides, trapeze ladders, trapeze rings, tire swings, Xcelerator, swivel-meister, backhoe digger, steering wheels, whirls, chain net climbers, panels with moving assemblies, spring riders, suspension bridges, and Buck-A-Bout (modern see-saw).



Excessively worn swing chain (others)



Maintained swing connection

Equipment subject to movement needs to be inspected as often as possible. Motion can lead to attachment hardware becoming loose and/or worn. Most GameTime hardware has a factory applied thread locking patch to help minimize the occurrence of hardware becoming loose. Any hardware that is worn should be replaced with the proper new hardware. This new hardware should be ordered from the manufacturer of the playground equipment.

DAMAGED EQUIPMENT

Excessive use or vandalism can cause damage to play components. It is vital that damaged equipment be repaired or replaced as soon as possible. For liability considerations, structural integrity, and design, only the original manufacturer should supply replacement parts. If the original manufacturer is unable to supply replacement parts, strong consideration should be given to replacing the entire apparatus.

GENERAL EQUIPMENT MAINTENANCE RECOMMENDATIONS

The following is a general guide to types of equipment and the areas on which to focus your inspection and maintenance. Please inspect all areas and take action (as soon as possible) as outlined above.

Equipment	Area of Special Focus Initial/Daily/Weekly/Monthly
Balance Beams (Graduated or Curved)	<ol style="list-style-type: none"> 1. Distance to surfacing 2. Paint wear
Stationary Climbers (Arch, Banister Rails, Clover, Coasters, Crazy 8, Critter, DNA, Dome, Xscape, WallCano, Mountain)	<ol style="list-style-type: none"> 1. Diameter and spacing of rungs on older equipment 2. Hardware becoming loose 3. Rust on hardware and metals 4. Paint wear
Moving Climbers (Chain Nets)	<ol style="list-style-type: none"> 1. Wear on moving areas-structure and hardware 2. Hardware becoming loose 3. Rust on hardware and metals 4. Coating coming off of chains
Upper Body Equipment (Loop Ladders, Overhead Ladders, Track Ride, and Trapeze Rings)	<ol style="list-style-type: none"> 1. Wear on moving parts, structure and hardware 2. Distance to surfacing-there is a maximum height for Upper Body Equipment for both age groups 3. Hardware becoming loose 4. Coating coming off of chains 5. Diameter and spacing of rungs on older equipment 6. Rust on hardware and metals 7. Paint Wear
Slides (Rumble 'N' Roll, Single and Double Zips)	<ol style="list-style-type: none"> 1. Hardware becoming loose 2. Gap between slide bed and platform that may cause entanglement 3. Stairs/platforms for wear/damage 4. Distance to surfacing- there are distance requirements for heights of slide exit regions to surfacing for both age groups 5. Damage to slide bedway 6. Rust on hardware and metals

Swings (Xscape, Single Post, Three Leg Traditional and Modern, Tire, and T- Swing)	<ol style="list-style-type: none"> 1. Wear on moving areas- structure, seats, and hardware (chains, brackets, and hangers) connecting devices 2. Hardware becoming loose 3. Coating coming off of chains 4. Wear on seats (look on bottom also) 5. S hooks opening 6. Rust on hardware and metals
Whirls (Miniature, One-Piece Platform, Scrambler, Xcelerator, Space, and Rotator)	<ol style="list-style-type: none"> 1. Wear on moving areas- floor and speed-limiter 2. 'Squeaky' bearings should be replaced 3. Distance to surfacing -there are distance requirements for floor heights to surfacing 4. Rust on hardware and metals 5. Paint wear
Spring Rocking Equipment (Adventure Mates, Buck-A-Bout, Cruisin' Mates, and SaddleMates)	<ol style="list-style-type: none"> 1. Wear on moving areas - spring assembly 2. Distance to surfacing - there are distance requirements for seating heights to surfacing 3. Rust on hardware and metals 4. Paint wear
Access Components, Bridges, Crawl Tubes, Platforms, Ramps, Panels, Roofs, and Signs	<ol style="list-style-type: none"> 1. Wear on high traffic areas 2. Rust on hardware and metals 3. Paint and coating wear

WHO DO WE CALL FOR REPLACEMENT PARTS?

GameTime
1.800.235.2440
www.gametime.com

It is extremely helpful for you to advise your original Game Time order number or at least digital photos of the equipment when inquiring about replacement parts.

WHO SHOULD INSTALL AND/OR MODIFY YOUR PLAYGROUND?

You may wish to require your installers to be a Certified National Playground Safety Inspector and/or Factory Certified. GameTime offers Factory Certified Installers. For further information on GameTime Certified Installers contact your local representative.

Before you ever begin to dig or move any earth in and or near a play environment it is of the utmost importance that you contact your local utility providers and request they come and mark all underground lines in the area. Electric power lines, natural gas pipelines, communications lines, and other utility services could be within a few feet of the surface. Digging into an underground electric line can cause power outages and personal injury from shock or electrocution. A damaged gas pipeline or service can create an explosion hazard that potentially endangers both persons and property. These underground utilities are not always located out in the street. So whether you are installing playground equipment or planting a tree, we encourage you to make the call.

USE ZONES

ASTM and CPSC have different requirements for some types of play equipment, such as slides. CPSC is “law” in some states and where this occurs, CPSC use zones should prevail. Sometimes, injuries occur due to falls onto sidewalks, loose-fill surfacing containment curbing, fences, etc. Additionally, many injuries have occurred by children running into other children, play equipment, fences, etc. The ASTM and the CPSC have developed requirements for use zones around and below play equipment. In general, the requirement calls for a **minimum of 6 feet** around the play equipment to be an open use zone. Certain types of equipment have different requirements so further investigation into this issue is required. Older equipment may have been installed prior to the current use zone requirements and should be relocated (or the other object can be moved) to comply with current requirements. The **entire** use zone should have an acceptable type of protective surfacing.

Swings

Multi-Axis Swings (Tire Swings) require 6ft use zone from the perimeter of the support structure. In the area inside the support structure (by the swing) a use zone of 6ft plus the distance of the length of the suspending members (Tire) is required. Refer to your GameTime installation instructions for exact dimensions. No other equipment may share the interior use zones for Multi-Axis Swings.

Single-Axis Swings require a 6ft Use Zone from the sides of the support structure. In the area where the swings move forward and backward the use zone must be 2 times the height of the pivot point (the area right below the swing beam). Refer to your GameTime installation instructions for exact dimensions. No other equipment may share the Use Zone to the front and back of the Single-Axis Swings, but another Single-Axis Swing (only a Single-Axis Swing or a Tot Swing) may share (3ft each for a total of 6ft) the side use zone.

Tot Swings require a 6ft Use Zone from the side of the support structure. In the area where the swings move forward and backward the use zone must be 2 times the height of the pivot point (the area right below the swing beam) to the underside of the seat. Refer to your GameTime installation instructions for exact dimensions. No other equipment may share the use zone to the front and back of the Tot Swings, but another Single-Axis/Tot Swing (only a Single-Axis Swing or a Tot Swing) may share (3ft each for a total of 6ft) the side use zone.

Slides

Slides require use zone in front of the slide a minimum of 6ft long. Slides that attach to platforms over 6ft in elevation have a use zone length in front of the slide equal to the platform height up to the maximum of 8ft. For further information about slide use zones, refer to the ASTM F1487 standard.

Vegetation

Many plants (such as trees and bushes) can enhance the play environment. It is important that when choosing and planting your vegetation that you keep in mind the use zones of the equipment, the roots of the plants, and that the plants will grow larger as they age. The ASTM has a section regarding overhead obstructions and in it that states: “Overhead obstructions within the use zone of playground equipment that are not part of the play structure (for example, tree limbs) shall be at least 84 in. (2130 mm) above each designated play surface or 84 in. (2130mm) above the pivot point of swings.

AGE APPROPRIATE EQUIPMENT

Throughout both the ASTM and the CPSC documents there are different requirements for (Preschool) 2-5 year old's equipment and (School-age) 5-12 year old's equipment. It is important that the equipment be designed and/or chosen for the correct user's ages. Signs located adjacent to the play equipment may give the user and/or caregiver direction to the correct user's age for a specific piece of equipment. If you need age appropriate signage for your GameTime playground equipment, call upon your local representative to discuss the several options available.

SUPERVISION

Throughout both the ASTM and the CPSC documents there are different requirements for (Preschool) 2-5 year old's equipment and (School-age) 5-12 year old's equipment. It is important that the equipment be designed and/or chosen for the correct user's ages. Signs located adjacent to the play equipment may give the user and/or caregiver direction to the correct user's age for a specific piece of equipment. If you need age appropriate signage for your GameTime playground equipment, call upon your local representative to discuss the several options available.

National Program for Playground Safety
School of HPELS, WRC 205
University of Northern Iowa
Cedar Falls, IA 50614-0618
Phone: 800-554-PLAY
E-mail: playground-safety@uni.edu
www.playgroundsafety.org

CERTIFIED PLAYGROUND SAFETY INSPECTOR

For more information on playground safety training and certification please contact the National Playground Safety Institute within the National Recreation and Park Association at the following address:

National Playground Safety Institute
C/O National Recreation and Park Association
22377 Belmont Ridge Road
Ashburn, VA 20148-4150
Phone: 703.858.0784
www.nrpa.org

150 PlayCore Drive, SE
Fort Payne, Alabama 35967
Telephone: 256.845.5610
Facsimile: 256.845.9361
Email: service@gametime.com



GAMETIME® WARRANTIES

GameTime provides warranties on all materials and workmanship for one year, excluding vandalism.

In addition, GameTime offers:

- ✓ Lifetime limited warranty on PowerScape®, PrimeTime®, Xscape® & IONiX® and Modern City® uprights.
- ✓ Lifetime limited warranty on Tru-Loc® connections and upright bolt-through connections.
- ✓ Lifetime limited warranty on all hardware.
- ✓ Twenty-Year limited warranty on Timber Décor™ & Timbers recycled plastic lumber.
- ✓ Fifteen-Year limited warranty on metal decks, pipes, rungs, loops, braces and footbucks.
- ✓ Fifteen-Year limited warranty on rotationally molded products.
- ✓ Fifteen-Year limited warranty on VistaRope nylon bearings and ring junction pieces.
- ✓ Ten-Year limited warranty on GTFit®, THRIVE® and Challenge Course® posts & bars.
- ✓ Ten-Year limited warranty on site furnishings against structural failure.
- ✓ Ten-Year limited warranty on SunBlox® products.
- ✓ Ten-Year limited warranty on fiberglass and DHPL signage.
- ✓ Ten-Year limited warranty on VistaRope WeaveTech cables.
- ✓ Five-Year limited warranty on TuffForms® structures, including TuffCrete™ and PolyShield™.
- ✓ Five-Year limited warranty on nylon-covered cable net climbers and components.
- ✓ Five-Year limited warranty on GT Symphony Freenotes™ Harmony Park components.
- ✓ Five-Year limited warranty on Super Seats™.
- ✓ Five-Year limited warranty on premature wear of VistaRope cables.
- ✓ Three-Year limited warranty on Everybody Plays polyurea coated foam & rubber strips.
- ✓ Three-Year limited warranty on SaddleMates® rubber and "C"-springs.
- ✓ Three-Year limited warranty on SureGrip Material
- ✓ One-Year limited warranty on Challenge Course timing components.
- ✓ One-Year limited warranty on all other GameTime products.

All warranties specifically exclude damage caused by vandalism; negligence, improper installation, or improper use; changes in appearance resulting from weathering; scratches, dents or marring as a result of use. Warranties are valid only if products are installed and maintained in accordance with GameTime instructions and use approved parts.

LIMITED WARRANTY ON POWERSCAPE®, PRIMETIME®, XScape®, IONiX® and MODERN CITY® GameTime provides a lifetime limited warranty on PowerScape Tru-Loc® connections, upright posts; and PrimeTime, IONiX, Xscape and Modern City bolt-through connections; a fifteen-year warranty on metal decks, pipes, rails, loops, and rungs; ten-year limited warranty on EDPM rubber components. Three-year limited warranty on SureGrip rubber matting material against degradation and discoloration under normal wear and usage. These warranties cover damage due to failure or corrosion of metal parts or rubber breakdown that cause the product to become structurally unfit for its intended use. The lifetime warranty refers to the life of the product as defined below and covers the product under normal use and proper maintenance; see exclusions.

LIFETIME LIMITED WARRANTY ON HARDWARE

GameTime provides a lifetime limited warranty against structural failure due to breaking or shearing which causes the product to become structurally unfit for its intended use; a lifetime limited warranty on stainless steel hardware against rust; and a one-year limited warranty on non-stainless steel hardware against rust; see exclusions. All testing of GameTime's hardware is performed under the guidelines of ASTM B117. The lifetime warranty refers to the life of the product as defined below and covers the product under normal use and proper maintenance. The cost of replacement due to scratching or cutting of certain hardware plating is not included in this warranty.

FIFTEEN-YEAR LIMITED WARRANTY ON ROTOMOLDED PRODUCTS

GameTime provides a fifteen-year limited warranty on rotomolded polyethylene products and ten-year limited warranty on polyethylene handholds for structural integrity against damage due to breaking or splitting under normal use that causes the product to become structurally unfit for its intended use; see exclusions. In the event of a claim under this warranty, GameTime will replace the rotomolded product at no cost to the customer.

TWENTY-YEAR LIMITED WARRANTY ON TIMBER DÉCOR™ AND TIMBERS PRODUCTS

GameTime provides a twenty-year limited warranty on recycled plastic lumber products in normal applications against rotting, splintering, decay or structural damage directly from termites or fungal decay that cause the product to become structurally unfit for its intended use; see exclusions.

LIMITED WARRANTY ON NET CLIMBERS AND COMPONENTS

GameTime provides a five-year limited warranty on nylon-covered cable net climbers and components against structural failure caused by cable breakage; a five-year limited warranty on nylon-covered cable wear and deterioration resulting from defects in materials and workmanship; and a one-year limited warranty on nylon rope products. These warranties cover damage due to failure that cause the product to become structurally unfit for the intended use and **does not cover natural fraying of the material**; see exclusions.

LIMITED WARRANTY ON SUNBLOX® SHADE PRODUCTS

GameTime fabric canopies are warranted for sustained winds of up to 76 mph (Hurricane Force 1) and for gusts of up to 3 seconds duration up to 90 mph. Removal of shade fabric is required if damaging winds are called for. Damage due to snow and/or ice accumulation is not covered by this warranty. Canopies should be removed during the "off season". No signs, objects, ornaments, fans, lights, fixtures, or decorations may be hung from the top part of a shade structure unless specifically designed and engineered by the manufacturer for that purpose. If product has shade fabric and installed in an area exposed to hurricanes, removal of the shade fabric is required when a hurricane warning is issued.

LIMITED WARRANTY ON SITE FURNISHINGS

GameTime provides a ten-year limited warranty on site furnishings against structural failure. These warranties cover damage due to failure or corrosion of metal parts that cause the product to become structurally unfit for the intended use; see exclusions.

GameTime provides a seven-year limited warranty on thermoplastic coated elements and a three-year limited warranty on powder coated elements. Powder coated products from the Streetscape Collection carry a five-year limited warranty. GameTime guarantees all items for one full year to be free of defects in workmanship or materials when installed and maintained properly. We agree to repair or replace, any items determined to be defective. Items specifically not covered by this warranty include vandalism, man-made or natural disasters, lack of maintenance, normal weathering or wear and tear due to public abuse.

GameTime provides a ten-year limited warranty on recycled plastic lumber products in normal applications against rotting, splintering, decay or structural damage directly from termites or fungal decay that causes the product to become structurally unfit for its intended use; see exclusions. GameTime guarantees all materials and workmanship for ten years on any product made completely from our 100% Recycled Plastic. The guarantee excludes vandalism, improper use, product alterations, misuse, negligence, accident, theft, corrosion caused by chemicals, ice or snow damage and acts of God.

GameTime provides a one-year limited warranty on IPE wood, redwood and pressure treated wood products against damage by decay or termites that causes the wood to become structurally unfit for its intended use.

LIMITED WARRANTY ON FIBERGLASS SIGNAGE

GameTime provides a ten-year limited warranty on fiberglass and digital high pressure laminate (DHPL) sign panels against delaminating, peeling, blistering, cracking or fading.

LIMITED WARRANTY ON GT SYMPHONY COMPONENTS

GameTime provides a five-year limited warranty on GT Symphony Freenotes™ Harmony Park music components that render the products unusable for their intended use.

LIMITED WARRANTY ON TUFF FORMS, TUFFCRETE & POLYSHIELD THEMED PLAY SCULPTURES

GameTime provides a five-year limited warranty on TuffForms, TuffCrete and PolyShield themed play sculptures against structural failure that cause the product to become structurally unfit for the intended use and a one-year limited warranty on paint defects; see exclusions. This warranty does not cover damage resulting from ground settlement or high winds.

LIMITED WARRANTY ON FITNESS EQUIPMENT

GameTime provides a ten-year limited warranty on GTfit, THRIVE and Challenge Course stationary posts, welds, and bars and a five-year limited warranty on GTfit motion posts, welds, and bars against structural failure; a five-year limited warranty on stainless damper modules and aluminum cycle covers; a two-year limited warranty on bearings, steel pins, dampers, plastics, rubber parts, cycle pedals and shafts, molded seats, backrests and clamps; and a one-year limited warranty on cycle rib belts and powder coating and Challenge Course Timing Systems. These warranties cover damage due to failure or corrosion of metal parts that cause the product to become structurally unfit for the intended use; see exclusions.

LIMITED WARRANTY ON VISTAROPE EQUIPMENT

GameTime provides a Lifetime Warranty on uprights and hardware; a fifteen-year warranty on punched steel, pipes, rails, loops rungs, nylon bearings, ring junction pieces and rotomolded pieces; ten-year limited warranty on cable breakage; five-year limited warranty on premature wear of poly cables; three-year limited warranty on SureGrip rubber matting material against degradation and discoloration under normal wear and usage. These warranties exclude cosmetic damages or defects and cover damage due to failure or corrosion of metal parts or rubber breakdown that cause the product to become structurally unfit for its intended use. The lifetime warranty refers to the life of the product as defined below and covers the product under normal use and proper maintenance.

FIVE YEAR LIMITED WARRANTY ON HDPE PANELS

GameTime provides a five-year limited warranty on high density polyethylene (HDPE) panels against degradation and discoloration under normal wear and usage.

FIVE YEAR LIMITED WARRANTY ON GAMETIME SUPER SEAT™

GameTime provides a five-year limited warranty on Model No. 949 SuperSeat and Model No. 999 Super Seat-2 against structural failure that causes the seat to become unfit for its intended use; see exclusions. The factory installed "S"-Hook and Seat Hanger assemblies are covered under a one-year limited warranty against rust, corrosion or premature wear.

THREE-YEAR LIMITED WARRANTY ON RUBBER AND "C" SPRINGS FOR SADDLEMATES®

GameTime provides a three-year limited warranty on rubber and "C"-springs for SaddleMates against damage due to delamination of the rubber spring and breakage of the "C"-spring that cause the SaddleMate to become structurally unfit for its intended use; see exclusions.

For the purposes of this warranty, lifetime encompasses no specific term of years, but rather that Seller warrants to its original customer for as long as the original customer owns the Product and uses the Product for its intended purpose that the Product and all parts will be free from defects in material and manufacturing workmanship. To the extent permitted by law, these warranties are expressly in lieu of any other implied or expressed warranties or representation by any person, including any implied warranty of merchantability or fitness. These warranties provide valuable rights to you. No Sales Representative can modify or amend the terms of this warranty. GameTime excludes from these warranties the cost to remove parts and reinstall replacements; replacement due to cosmetic defects or coating deterioration caused by climatic conditions. Since warranty limitations and exclusions may vary from state to state, you should check any specific warranty rights in your state.

IMPORTANT NOTE FOR COASTAL ENVIRONMENTS: Saltwater is corrosive to materials used in the play environment. Products installed within 550 yards (503 meters) of a saltwater coastline will be covered for a maximum of five years, for defects caused by corrosion. Products which come into direct contact with salt spray are not covered for any defects caused by corrosion.

Claim Procedure: To make a warranty claim, send your written statement of claim, along with the original purchase invoice or invoice number to:

GameTime
Customer Service
P.O. Box 680121
Fort Payne, AL 35968
Fax: 256-845-9361
Email: service@gametime.com

Or Contact your local Representative at
USA 1-800-235-2440
International 01-256-845-5610

Within 60 days of notice of claim under warranty, GameTime will make arrangements to replace the damaged product. GameTime will cover freight costs within the continental United States. GameTime is not responsible for freight costs associated with products located outside the continental United States. GameTime reserves the right to inspect all product identified as damaged.

Date of Purchase: _____

Project: _____

Purchaser: _____

GameTime Order Number: _____

Authorized GameTime Signature

Title

See GameTime on the web at www.gametime.com

To obtain a "GENERAL CERTIFICATE of CONFORMITY" as required by the 'CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008" follow the link below and enter your seven-digit customer order number.

<http://cpsia.playcore.com>



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS

READ BEFORE STARTING INSTALLATION

THE FOLLOWING WARNINGS CONTAIN GENERAL INFORMATION WHICH IS INTENDED TO MAKE OUR PARKS AND PLAYGROUNDS SAFER. PLEASE REVIEW IT CAREFULLY TO ASSIST YOU IN YOUR INSTALLATION, SUPERVISION, AND MAINTANENCE EFFORTS. THE WARNINGS ARE NOT TO BE CONSIDERED AN ALL INCLUSIVE LIST. IT IS STRONGLY RECOMMENDED THAT THE ASTM 1487 STANDARD AND THE CPSC GUIDELINES OR THE CANADIAN STANDARD CAN/CSA-Z-614 BE STUDIED AND USED IN YOUR PLAYGROUND SAFETY EFFORTS.

The Owner/Operator shall install and maintain protective surfacing within the use zone (U.S.) or protective surfacing zone (Canada) of all play equipment to comply with ASTM F-1292 and ASTM F-1487 (U.S.) or CAN/CSA-Z-614 (Canada).

The Owner/Operator shall maintain the protective surfacing within the use zone of each play structure free from extraneous materials that could cause injury, infection, or disease.

PROTECTIVE SURFACING

The surfaces under and around play equipment should be soft enough to cushion falls. For most play equipment, these surfaces should contain a minimum of 12 inches of wood chips, mulch, sand, or pea gravel. For more information on the proper surfacing materials, call the CPSC hotline at 1-800-638-2772.



WARNING

Installation over a hard surface such as concrete, asphalt, or packed earth may result in serious injury from falls.

Soft, resilient surfacing should be placed in the use zones of all equipment, as specified for each type of equipment, and at depths to meet the critical fall heights as specified by the U.S. Product Safety Commission, ASTM standard F-1487 and Canadian Standard CAN/CSA-Z-614. Equipment should be placed to eliminate conflicting traffic patterns.

Worn surfaces around equipment should be restored. Concrete footing should never be exposed. Surface depth should comply with installation instructions. Never install playground equipment on concrete or asphalt. A fall on a hard surface can result in serious injury to the equipment user.

Check for erosion and cratering of surfaces under swings, slides, and heavy traffic areas and restore surfacing as necessary.

Surfacing leading to play opportunities for children with disabilities should be firm, stable, slip resistant, and resilient.

FALL ZONES

Overhead obstructions within the use zones of playground equipment that are not part of the play structure (for example, tree limbs) shall be at least 84 inches (2130 mm) above each designated play surface or 84 inches (2130 mm) above the pivot point of swings.

All overhead utility line clearances above the use zone areas shall comply with all local, state, and national codes, such as the National Electrical Safety Code. For specific equipment fall zone requirements, refer to the CPSC and ASTM 1487 and use the more stringent of the two.

EQUIPMENT SPACING

Play structures should be at least 12 feet apart to allow children space to circulate or fall without striking another structure. Moving pieces of equipment should be located in an area away from other play structures so children have adequate room to pass from one play area to another without being struck by a moving swing or by another child exiting from a slide.

Because metal slides left in the sun can cause burns, they should be placed in shaded areas or with the slide bedway facing north. Placing metal slides in a shaded location will help prevent them from reflecting the glare of the sun and interfering with children's vision.

CATCH POINTS AND PROTRUDING HARDWARE

There should be no dangerous pieces of hardware, such as protruding bolt ends and narrow gaps in metal connections or open "S" hooks at the top and bottom of swings. Exposed hardware can cut children, puncture skin, or catch clothing drawstrings, which could strangle a child.

All protruding nuts and bolts should be eliminated; sharp edges on pipes should be capped or removed. Check for bent, broken, or severely worn pipe and replace.

Examine slide bedways, bedrails, handrails and exits for foreign objects, holes, and rough edges.

OPENINGS THAT CAN TRAP

Openings in guardrails, spaces between platforms and between ladder rungs, should measure less than 3.5 inches or more than 9 inches. Children can get trapped and strangle in openings where they can fit their bodies but not their heads through the space.

CRUSH, SHEARING, AND SHARP HAZARDS

Equipment should not have sharp points or edges that could cut skin. Moving pieces of equipment, such as suspension bridges, track rides, merry go rounds, or seesaws, should not have accessible moving parts that might crush a child's fingers.

Check to be sure all fittings are tight and that the bars and pipes do not move. Be sure that there are not accessible crush or shear mechanisms on the undercarriage of the equipment or in the center of the whirl platform. Check for and eliminate sharp edges on whirl platforms.

TRIPPING HAZARDS

There should be no exposed concrete footings, abrupt changes in surface elevations, tree roots, tree stumps, and rocks, which can trip children and adults.

Check for trip hazards, such as the balance beam support posts, or environmental trip hazards, such as rocks or roots in the play area. Make all necessary improvements or repairs.

ROUTINE MAINTENANCE

The Owner/Operator shall establish and maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment area.

Find out if your playground has a designated official who periodically inspects the play equipment for preventative maintenance. This includes: replacing missing, broken or worn-out components; securing hardware; checking for deterioration in the wood, metal, or plastic materials; maintaining the proper 12 inch depth of surfacing material; and cleaning up debris.

Regular maintenance is necessary on all park and playground equipment:

- Check for and repair damage caused by wear or vandalism, a major factor in injury causing situations.
- Check wood equipment for decay, termites, splintering, and cracking. Repair or replace when needed.
- Proper maintenance of GameTime® equipment requires regular tightening of all bolts, nuts, setscrews and other hardware.
- All equipment should be free of rust and repainted with an appropriate lead free paint whenever necessary to deter rusting. This should also be done for any chipped or peeling areas.

- Regular checking of all parts, casting, etc., should be made. If part is broken or worn it should be replaced immediately.
- Check for loose spring castings and tighten.
- Check for missing or broken parts, rungs, or steps and repair as necessary.
- Replace worn or damaged belt seats or other swing seats.
- Check for worn chains and replace them as needed.
- Check to be sure there is free movement of swing hanger and other moving attached parts.
- Check the vertical distance between the underside of the occupied swing seat and the protective surface. It should measure no less than 12 inches. Adjust swing seat height as necessary.
- Check for deformation of open "S" hooks, shackles, rings, links, etc. Check "S" hooks for excessive wear, making sure they are properly closed; never reuse an "S" hook. -Check for worn swing hangers and chain. When these areas are identified, replacements should be made.
- Check for missing, damaged, or loose swing seats. Check rubber seats for wear, sharp edges/points, scorching, or burn damage. Repair and replace as needed.
- Check for swing chain wrapped around top rail and if found, unwrap. Replace chains as necessary.
- Check for hard surfaces, especially under swings, slides, etc. Refer to CPSC surfacing requirements.
- Check for surfacing material that is worn or scattered and restore.
- Debris, broken glass, trash, or other foreign objects within or on the play area/equipment should be removed.
- Check for poor drainage areas and repair.
- Check concrete footings to see if they are exposed, cracked, or loose in the ground and repair as necessary.
- Check for proper grease in tire swing assemblies and lubricate as necessary.
- Check drainage holes in tire swing tires for blockage and remove debris as necessary.
- Check for lack of lubrication on all moving parts and lubricate as needed.
- Check crush points (exposed mechanisms, junctures of moving components) and eliminate.
- Check for broken support/anchors. Stability in ground, structures should not be easily swayed; connections should be solid and adequately secured.
- Check all posts (wood and steel) in ground for corrosion or rot below grade.
- When flexible components are anchored in the ground, check and make sure anchoring devices are below the level of the playground.
- Check for worn or noisy bearings on whirls and other all other moving equipment. If needed, replace with new ones. Most whirls have two bearings. It is good practice to replace both bearings at the same time.
- Check for up and down motion of whirl platform, which may indicate excessive bearing wear.
- Check for wearing away and erosion of the surface around the whirl and restore if needed.
- Check exit areas of slides. The exit area should be no more than 11 inches from the protective surface for slides under 4 feet high. For slides over 4 feet high, the height of the exit region from the surface should be between 7 and 15 inches.
- Check the surface area around slide exit for erosion and other damage and repair if necessary.
- Check for visible cracks, bending, warping, rusting, or breakage of any component and repair as needed.
- Check for accessible sharp edges or points. Check for protruding bars, bolts, nuts, etc. Eliminate these conditions.
- Check for exposed ends of tubing that should be covered with plugs or caps.
- Check for loose bolts, nuts, etc. and tighten.
- Check for broken or missing rails, steps, rungs, or seats and replace.
- Replace broken springs and seats on spring animals, buck-a-bouts and other similar play events.
- Check non-rigid climbing components, such as net or chain climbers, to ascertain that both ends are securely anchored.

SUPERVISION

The play area should be designed so that adults can observe and supervise children at play.

GENERAL

Always follow installation instructions when assembling equipment. GameTime® provides its customers with complete specification sheets and installation instructions. The specification sheet contains the listing of every part used in a piece of equipment.

Never add components not intended for use with this product.

Check overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.

Replace all worn "S" hooks. "S" hooks must be completely closed. To close "S" hooks properly, use GameTime® "S" hook pliers. Failure to close "S" hooks properly can result in serious injury to the user. Never reuse "S" hooks.

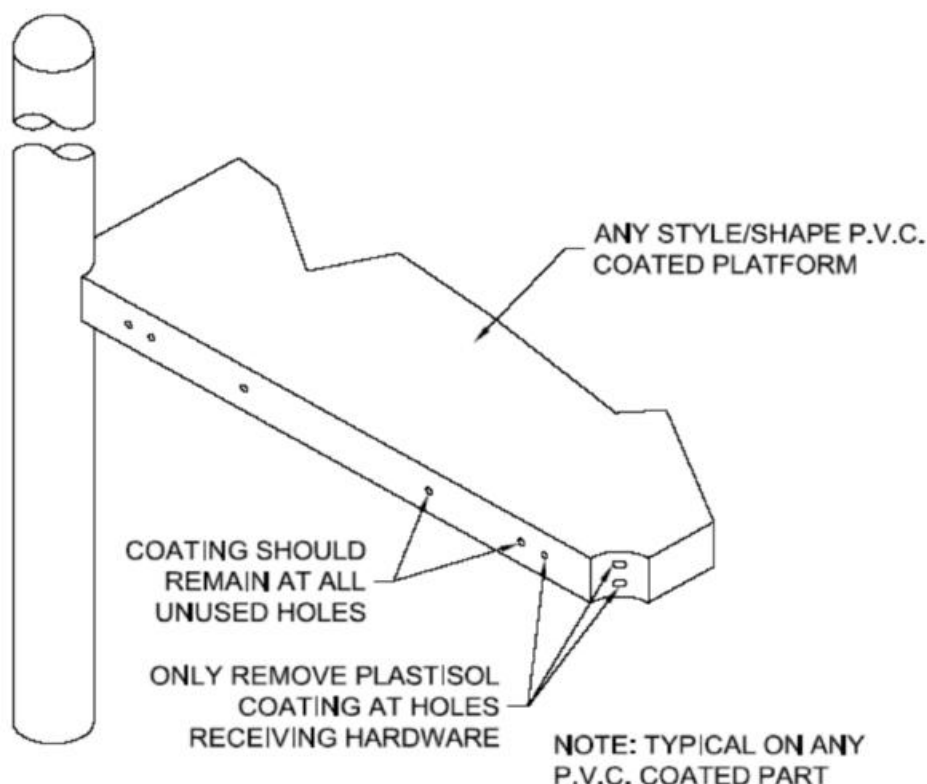
Assemble all slides on level ground to insure proper exit height of slide bed way. The exit portion of the bed way should slope downward.

Segments of whirl platforms should be continuous. Tighten bolts if segments allow a 5/16 diameter rod to penetrate completely through the surface.



Apply Loctite type compound to hardware connections if locking patch is not supplied.

Equipment that is identified as having hazards should be taken out of use until hazards are removed and all necessary repairs are made.

WARNING: During installation, hardware and small parts are choking hazards for young children. Store unused parts appropriately until assembly is completed. Remove any unused parts from the play environment and dispose of or save them in a secure location.



USING THE INSTALLATION GUIDE AND OWNER'S MANUAL

- We assemble each Installation Guide and Owner's Manual to include the components on your composite structure. Review the entire customized booklet before beginning the installation.
- Familiarize yourself with the Topview and Ground Plan before determining the equipment orientation on your site.
- Modular play components and decks are defined with a corresponding five digit "Component Number".
- Cross-reference the "Component Number" on the Topview with the individual installation sheet. Each modular play component has its own specialized installation sheet. The installation sheets are in numerical order, in the front portion of the booklet.
- The Topview shows the deck component number and the height reference (representing the distance from the top of the resilient surfacing to the top of the deck).
- Once the proper deck has been identified, find its installation sheet. The installation sheet will always have an isometric view of that item for easy identification, and a Topview that is on a one inch equals ten feet (1:120) scale.
- Each installation sheet has its own parts list identifying all parts that will be supplied with that particular component. Also, a Ground Plan for that component will be on the installation sheet for a quick cross-reference to help avoid any confusion in the location of the ground holes.
- The Assembly Drawing will identify each part number and reference the details needed for the hardware connections.
- Each connection detail is shown in the back portion of each component section of your customized installation guide (or Owner's Manual). The details are in numerical order. Some of the newer components (PowerScape Plus) will have details included on the component installation sheet.
- The details are shown in an "exploded" drawing identifying the part and corresponding six-digit part number. The details also show the correct orientation and alignment of the parts.
- If provided, special notes will be shown on each individual detail.
- It is critical that the hardware is aligned as shown on each individual detail.
- The details will be identified on the assembly drawing by a number inside a hexagon, pointing to the place where they are to be used. Example: 
- The numbers contained within the circles correspond to the reference number in the replacement parts list. This identifies the parts or assembly needed and their proper location. Each modular play component is indexed in this fashion. Example: 
- Each Assembly Drawing will be indexed in the same fashion with the part numbers referenced in a circle or balloon and each detail in a hexagon with a line pointing to the exact location of the items referenced. The parts list also references the six-digit part number that will appear on the bar code label attached to the parts.
- More elaborate and difficult components will include written assembly instructions.

UPRIGHT IDENTIFICATION

1. Each upright is identified in a rectangular box on the Topview.
2. Refer to the deck (5 digit) component number on the installation sheets and cross-reference to the modular Topview.
3. The upright label is strategically placed at the factory identifying the six digit part number referenced on the Topview.
4. Align the vertical "tick" mark on the upright label with the arrowheads shown in the corners of the deck on the Topview. This shows the highest deck connection inserts for deck-to-upright orientation.
5. The bold horizontal line represents the top of the installed surface material.
6. The upright label also lists the color, your GameTime® order number and the production date. This information will be very important in future communications with your GameTime representative.

ASSEMBLY SUGGESTIONS AND IMPORTANT NOTES

1. Check local soil conditions and building codes. Hole sizes are a recommended minimum and may need to be increased to meet your local conditions and codes.
2. A transit or builders level should be used to set location and depth of ground holes. Proper assembly requires the bottoms of the ground holes to be level with each other.
3. Determine the type and depth of surface material that will be installed. All footings are designed for 12 inches of surfacing. Any depth (more or less) will require field adjustment of all footings.
4. During construction, the site and materials should be secured to keep children safe from injury. Temporary barricades should be used on unprotected openings of incomplete structures.
5. Begin erection of the equipment by lying out, digging and leveling the ground holes.
6. Start assembly by fastening the uprights to the decks.
7. Do not fully tighten fasteners until the unit is completely assembled. Do not tighten bolts in deck corners until the play components are installed.
8. Plumb the uprights at each opening before attaching the enclosure or archway.
9. Concrete requirements shown on the installation sheets are calculated per GameTime® standard footings (see detail 005). Any footing variation will affect concrete totals. Canadian Standard CAN/CSA-Z-614 requires footings to have smooth sides and no flare at the top and shall be located below the full depth of the protective surfacing.
10. Pour the concrete only after assembly is completed, decks are leveled, uprights are plumbed and aligned, and all hardware is tightened.
11. Required protective surfacing should be completed immediately following installation. The playground should not be opened until the surfacing is completed.
12. Properly dispose of waste material. The playground should be inspected to insure that all injurious materials and waste from construction have been removed prior to the playground being opened.



TIPS FOR PUBLIC PLAYGROUND SAFETY

Each year, about 200,000 children are treated in U.S. hospital emergency rooms for playground equipment-related injuries. And estimated 148,000 of these injuries involve public playground equipment and an estimated 51,000 involve home playground equipment. Also, about 15 children die each year as a result of playground equipment-related incidents. Most of the injuries are the result of falls. These are primarily falls to the ground below the equipment, but falls from one piece of equipment to another are also reported. Most of the deaths are due to strangulations or falls.

The U.S. Consumer Product Safety Commission (CPSC) offers consumers the following playground safety tips from its **Handbook for Public Playground Safety**.

1. Protective Surfacing- Since almost 60% of all injuries are caused by falls to the ground, protective surfacing under and around all playground equipment is the most critical safety factor on playgrounds.

- Asphalt and concrete are unacceptable. They do not have any shock absorbing properties. Similarly, grass and turf should not be used. Their ability to absorb shock during a fall can be reduced considerably through wear and environmental conditions
- Certain loose-fill surfacing materials are acceptable, such as the types and depths shown in the table below.
- Certain manufactured synthetic surfaces are also acceptable; however, test data on shock absorbing performance should be requested from the manufacturer.

Fall Height In Feet From Which A Life-Threatening Head Injury Would Not Be Expected			
Type of Material	6" Depth	9" Depth	12" Depth
Double Shredded Bark Mulch	6	10	11
Wood Chips	6	7	12
Fine Sand	5	5	9
Fine Gravel	6	7	10

2. Fall Zones- A fall zone, covered with a protective surfacing material, is essential under and around equipment where a child might fall. This area should be free of other equipment and obstacles onto which a child might fall.

- Stationary climbing equipment and slides should have a fall zone extending a minimum of 6 feet in all directions from the perimeter of the equipment.
- Swings should have a fall zone extending a minimum of 6 feet from the outer edge of the support structure on each side. The fall zone in front and back of the swing should extend out a minimum distance of twice the height of the swing as measured from the ground to the top of the swing support structure.

3. Swing Spacing- To prevent injuries from impact with moving swings, swings should not be too close together or too close to support structures. No more than two swing seats should be suspended in the same section or bay of the support structure. Use the following clearances for conventional to-fro swings:

Fact Sheet

U.S. Consumer
Product Safety
Commission

Washington D.C.
20207

Hotline:
1-800-638-2772



1.800.235.2440 | gametime.com

- Horizontal distance between adjacent swing seats (at least 24")
- Horizontal distance between swing seat and adjacent structural component (at least 30")
- No more than one tire swing suspended in same section or bay of support structure. Distance between the outermost edge of a tire swing and the adjacent upright of the support structure should be at least 30" when the tire swing is swung to a position closest to the support structure.
- No swings attached to multi-activity equipment
- No heavy animal swings with rigid metal framework

4. Elevated Surfaces- Platforms more than 30" above ground should have guardrails to prevent falls.

5. Potential Head Entrapment Hazards- In general, openings that are closed on all sides should be less than 3 ½" or greater than 9". Openings that are between 3 ½" and 9" present a head entrapment hazard because they are large enough to permit a child's body to go through, but are too small to prevent the head to go through. When children enter such openings feet first, they may become entrapped at the head and strangled.

6. Potential Entanglement Hazards- Open "S" hooks, especially on swings, and any protrusions or equipment components/hardware which may act as hooks or catch points can catch children's clothing and cause strangulation incidents. Close "S" hooks as tightly as possible and eliminate protrusions or catch points on playground equipment.

7. Pinch or Crush Points- There should be no exposed moving parts, which may present a pinching or crushing hazard.

8. Playground Maintenance- Playgrounds should be inspected on a regular basis. If any of the following conditions are noted, they should be removed, corrected, or repaired immediately to prevent injuries:

- Hardware that is loose or worn, or that has protrusions or projections
- Exposed equipment footings
- Scattered debris, litter, rocks, or tree roots
- Rust and chipped paint on metal components
- Splinters, large cracks, and decayed wood components
- Deterioration and corrosion on structural components that connect to the ground
- Missing or damaged equipment components, such as handholds, guardrails, and swing seats

To report a dangerous product or a product related injury and for information on CPSC's fax-on-demand service, call CPSC's hotline at (800) 635-2772 or CPSC's teletypewriter at (800) 635-8270. To order a press release through fax-on-demand, call (301) 504-0051 from the handset of your fax machine and enter the release number. Consumers can obtain releases and recall information via the Internet gopher services at cpsc.gov or report product hazards to info@cpsc.gov.

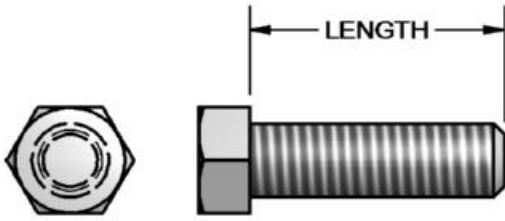
For more detailed information on playground safety, refer to the CPSC's Handbook for Public Playground Safety. To obtain a copy, send a postcard with your name, address, and name of the publication desired to: U.S. Consumer Product Safety Commission, Washington, D.C. 20207.

This document is in the public domain. It may be reproduced in part or in whole by an individual or organization without written permission. If it were reproduced, however, the Commission would appreciate knowing how it is used. Please write to: Consumer Product Safety Commission, Office of Information and Public Affairs, Washington, D.C. 20207

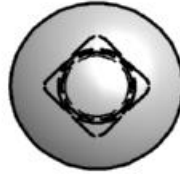
TYPICAL HARDWARE KEY

(FOR IDENTIFICATION OF PARTS)

NOTE: ALL BOLT AND SCREW LENGTHS ARE DETERMINED
BY SHAFT LENGTH, AS DIMENSIONED BELOW



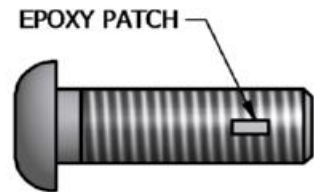
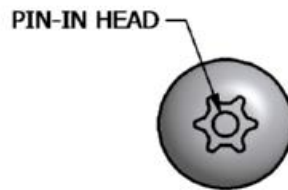
HEX HEAD BOLT



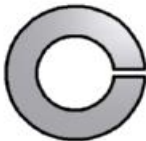
CARRIAGE BOLT



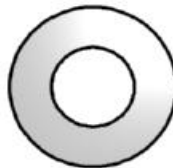
BUTTON HEAD CAP SCREW
(B.H.C.S.)



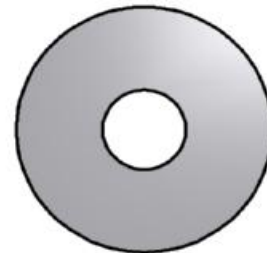
PIN-IN BUTTON HEAD CAP SCREW w/
PATCH (P.B.H.C.S. w/PATCH)



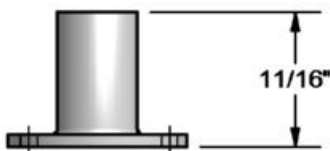
3/8" LOCKWASHER
(817334)



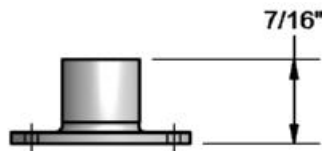
3/8" FLATWASHER
(817410)



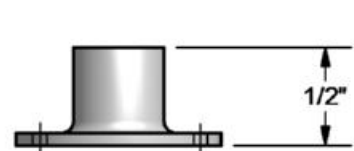
3/8" FLATWASHER
(1 1/4" O.D.)
(817424)



5/16" SPANNER TEE-NUT
LONG BARREL
(804555)



5/16" SPANNER TEE-NUT
SHORT BARREL
(804558)



3/8" SPANNER
TEE-NUT
(804556)

TOOL LIST FOR YOUR GAMETIME® PLAYGROUND INSTALLATION

WARNING: Installation of playground equipment over a hard surface such as concrete, asphalt, or packed earth may result in serious injury from falls.

- | | |
|--|--|
| <input type="checkbox"/> Transit or Builder's Level & Rod | <input type="checkbox"/> 3/8" Drive to 1/4" Quick Change Socket |
| <input type="checkbox"/> Stakes, String, Marking Paint | <input type="checkbox"/> Rubber Hammer |
| <input type="checkbox"/> Post Hole Digger or Auger | <input type="checkbox"/> Tie-Down Straps or 6" Quick Grips |
| <input type="checkbox"/> Wheel Barrow | <input type="checkbox"/> 4' Level |
| <input type="checkbox"/> Utility Knives | <input type="checkbox"/> Cordless Drill and Assorted Size Drill Bits up to 17/32" or Electric Drill with Extension Cords |
| <input type="checkbox"/> Tape Measures | <input type="checkbox"/> Power Source (Generator or Outlet) |
| <input type="checkbox"/> Rock Bar | <input type="checkbox"/> Concrete Truck or Mixer (at end of job) |
| <input type="checkbox"/> Round Point Shovels | <input type="checkbox"/> Sledge Hammer (for driving stakes if installing play curbs) |
| <input type="checkbox"/> Hoes | <input type="checkbox"/> Bolt Cutters (for chain adjustment if installing swings) |
| <input type="checkbox"/> Rakes | <input type="checkbox"/> S-Hook Pliers (if installing swings, chain net climbers, trapeze bars or rings) |
| <input type="checkbox"/> 6' Step Ladder (not required for a TotTime or KidCourse unit) | |
| <input type="checkbox"/> 8' or 12' Step Ladder (if unit has roofs) | |
| <input type="checkbox"/> Bricks or Blocks for the bottom of the ground holes | |
| <input type="checkbox"/> Adjustable Wrench | |
| <input type="checkbox"/> Channel Lock Pliers | |
| <input type="checkbox"/> Vise Grip Pliers | |
| <input type="checkbox"/> Line-Up Tool or "Drift Pin" | |
| <input type="checkbox"/> Ratchets and Socket Set | |
| <input type="checkbox"/> Rat Tail File | |

IMPORTANT NOTE: Please call your utility companies before you start digging in order to help prevent any damage to power, water, or gas lines.

PowerScape®

GameTime®

A PLAYCORE Company

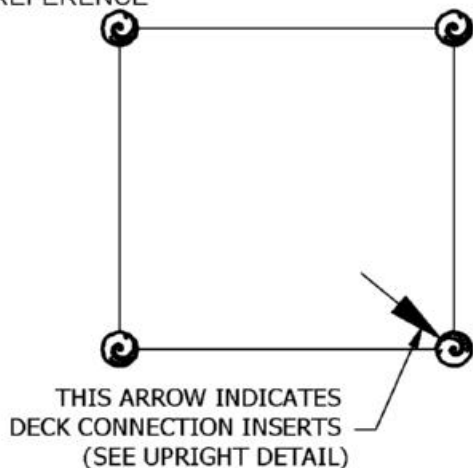
1-800-235-2440

ISSUED/REVISED: 3/14/2018

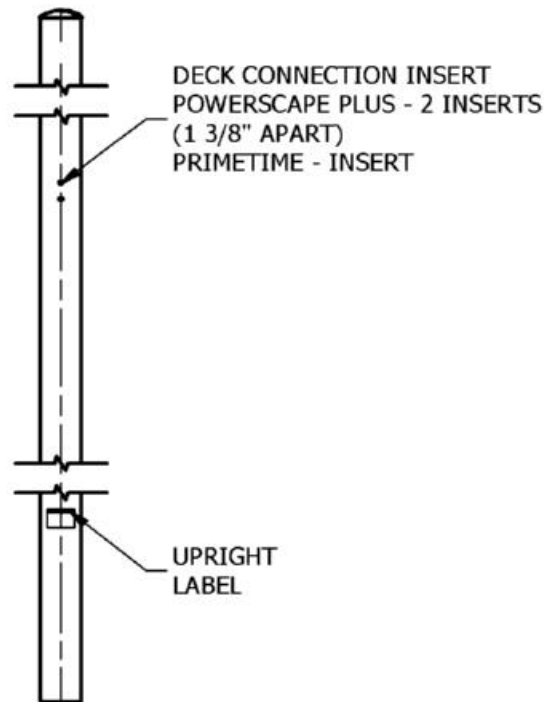
UPRIGHT LABEL DETAIL

⬡ = INSTALLATION
DETAIL

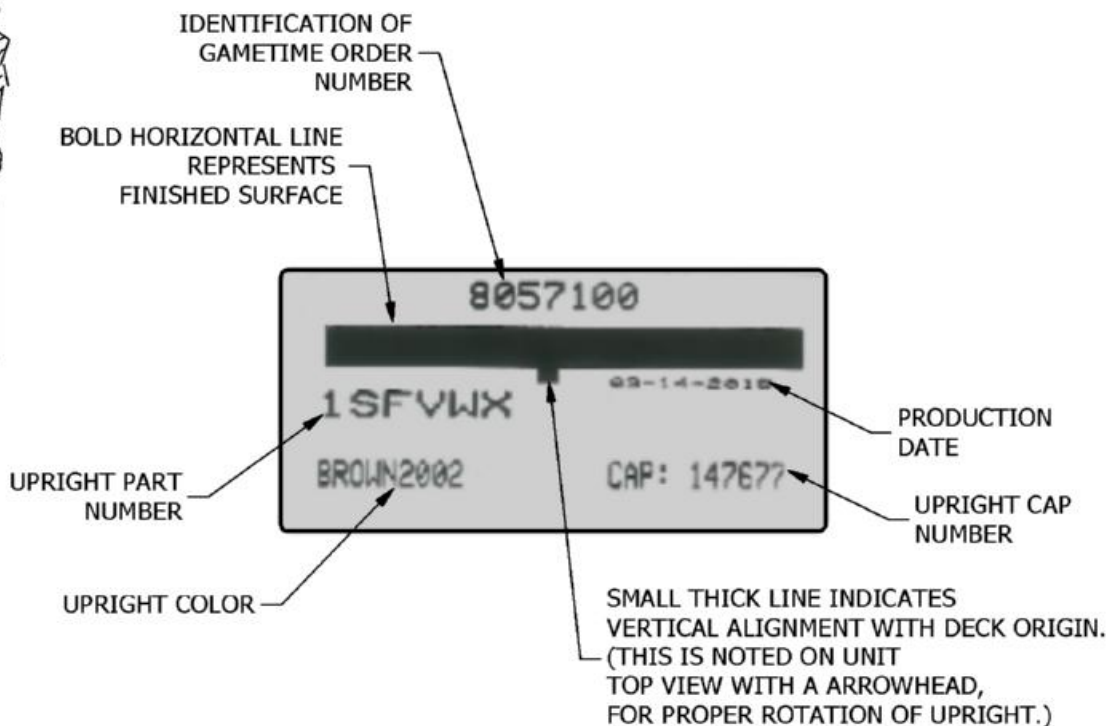
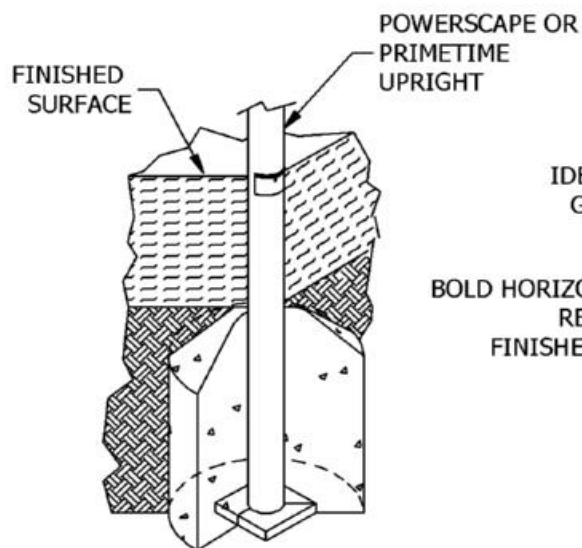
○ = PARTS LIST
REFERENCE



MODULAR TOP VIEW REFERENCE



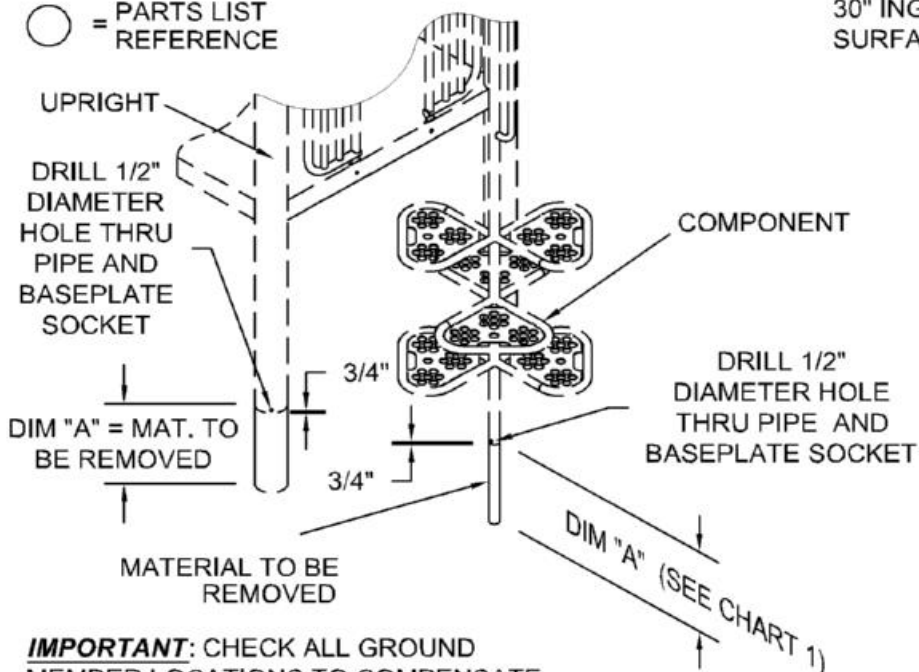
UPRIGHT DETAIL



81753 SURFACE MOUNT INSTALLATION INSTRUCTIONS

⬡ = INSTALLATION
DETAIL

○ = PARTS LIST
REFERENCE



IMPORTANT: CHECK ALL GROUND MEMBER LOCATIONS TO COMPENSATE FOR SLOPE BEFORE CUTTING!

DETAIL 1

(FOR SURFACE MOUNT INSTALLATIONS)

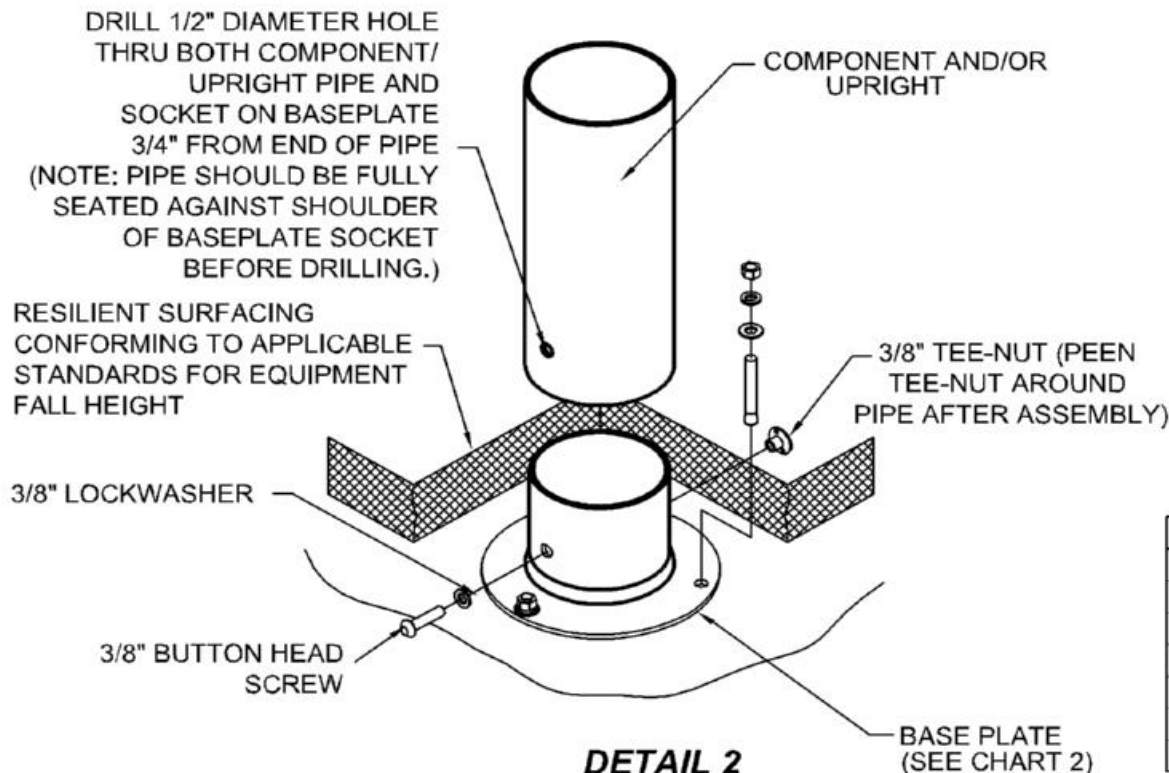
NOTE: 2", 8", 12" LENGTH INDICATES THE SURFACING DEPTH. ALL COMPONENTS ARE SHIPPED AS STANDARD 30" INGROUND LENGTH. (18" DEEP HOLES & 12" SURFACING)

CHART 1

SURFACING DEPTH	MATERIAL TO BE REMOVED W/OUT EXT.	W/6" EXT.
2"	28 11/16"	22 11/16"
8"	22 11/16"	16 11/16"
12"	18 11/16"	12 11/16"

NOTES:

1. DIM "A" = MATERIAL TO BE REMOVED.
2. SOME INGROUND COMPONENTS REQUIRE EXTENSIONS. REVIEW YOUR STANDARD INSTALLATION SHEET IF EXTENSIONS ARE REQUIRED. ADJUST MATERIAL TO BE REMOVED ACCORDINGLY.
i.e. A COMPONENT REQUIRING 6" EXTENSIONS, AND IF SURFACING DEPTH IS TO BE 2", MATERIAL TO BE REMOVED WILL BE 22 11/16"



DETAIL 2

(SURFACE MOUNT PLATES)

CHART 2

O.D.	BASE PLATE
1 5/16"	152850
1 5/8"	152851
1 7/8"	152852
2 3/8"	152853
2 7/8"	152854
3 1/2"	152856
5"	152855

SURFACE MOUNTS INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLATION INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Concrete requirements for Surface Mount shall be 4" minimum thickness w/ 3000 psi.
3. For Surface Mount, remove required length of component and/or upright as indicated in **DETAIL 1**. See **CHART 1** for the material length to be removed. (Required 2", 8", 12" surface mount only.) **Note:** Debur and remove any sharp edges on part after cut is made.
4. Drill 1/2" diameter hole through component/uprights and baseplate socket 3/4" from end of pipe. The pipe should be fully seated against the neck of the socket before drilling holes.
5. Attach Component to base plate at shown in **DETAIL 2**. See **CHART 2** for the specific base plate required for the diameter pipe being used. (Required to 2", 8", 12" Surface mount only.)

IMPORTANT: Some components such as slides, chinnings bars, nets, climbers, etc. may require "cored" holes to help eliminate movement when installed. Refer to Ground Plan configuration to determine if "cored" holes are required.

NOTE: If concrete slab is pre-existing and a cored hole is required it must be drilled through existing concrete to allow for concrete footing. Review your standard installation sheet for correct size and location of cored hole. See Detail 3.

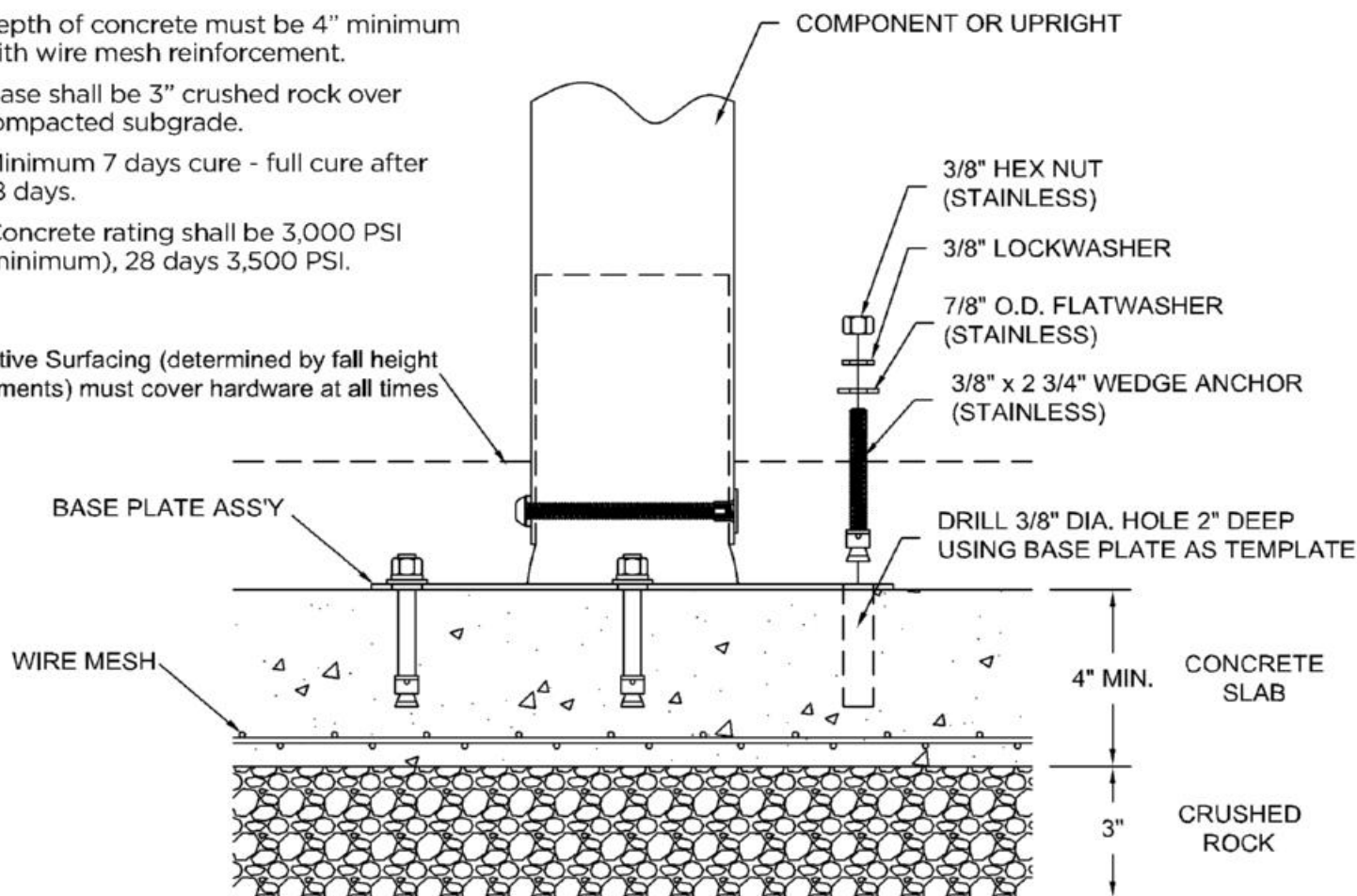
NOTE: Core holes can be created prior concrete pour by using pilling forms to create a void when pouring. See Detail 4.

NOTE: If a base plate interfaces with an insert required for a below deck component that base plate will require a notch to be applied in the field.

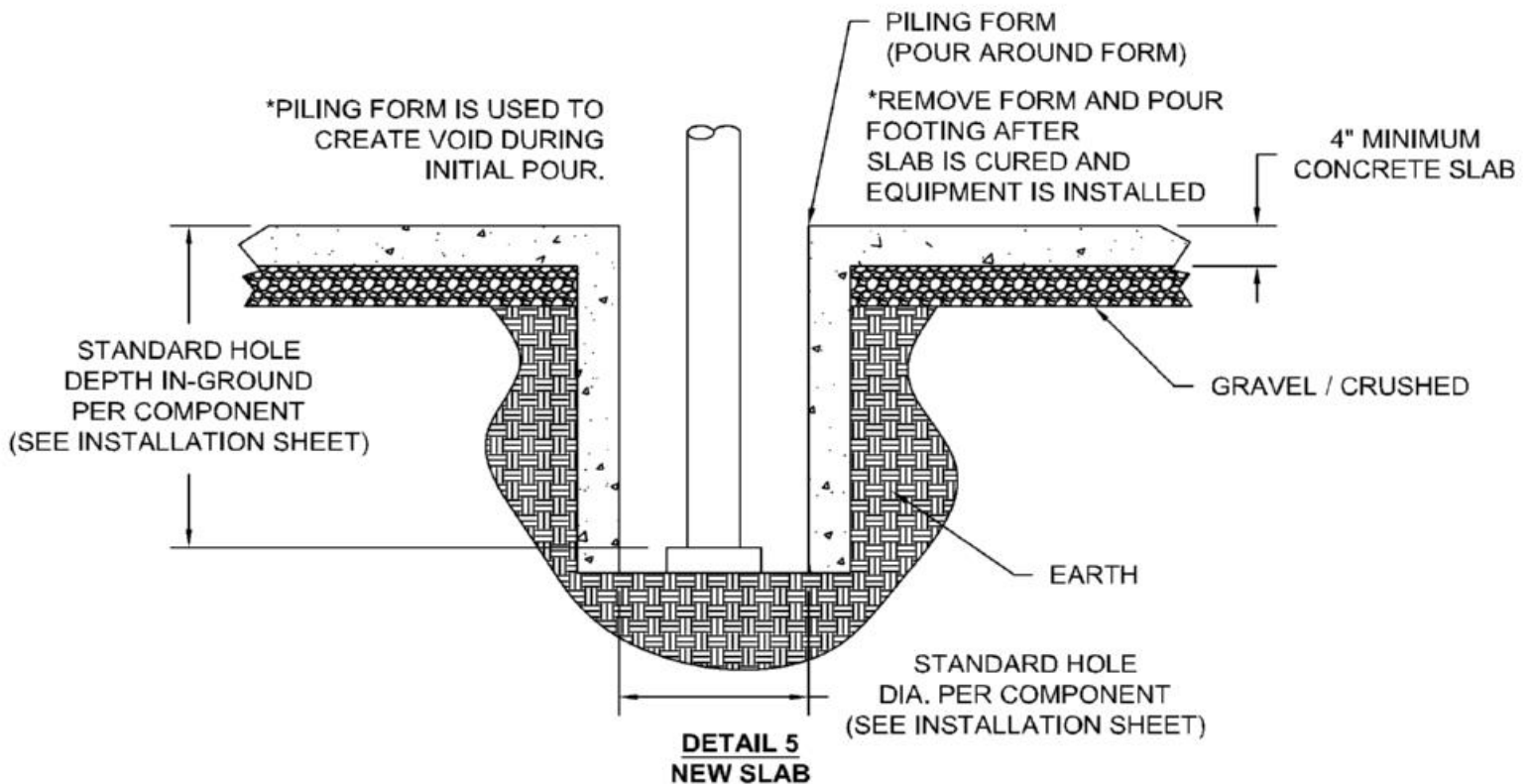
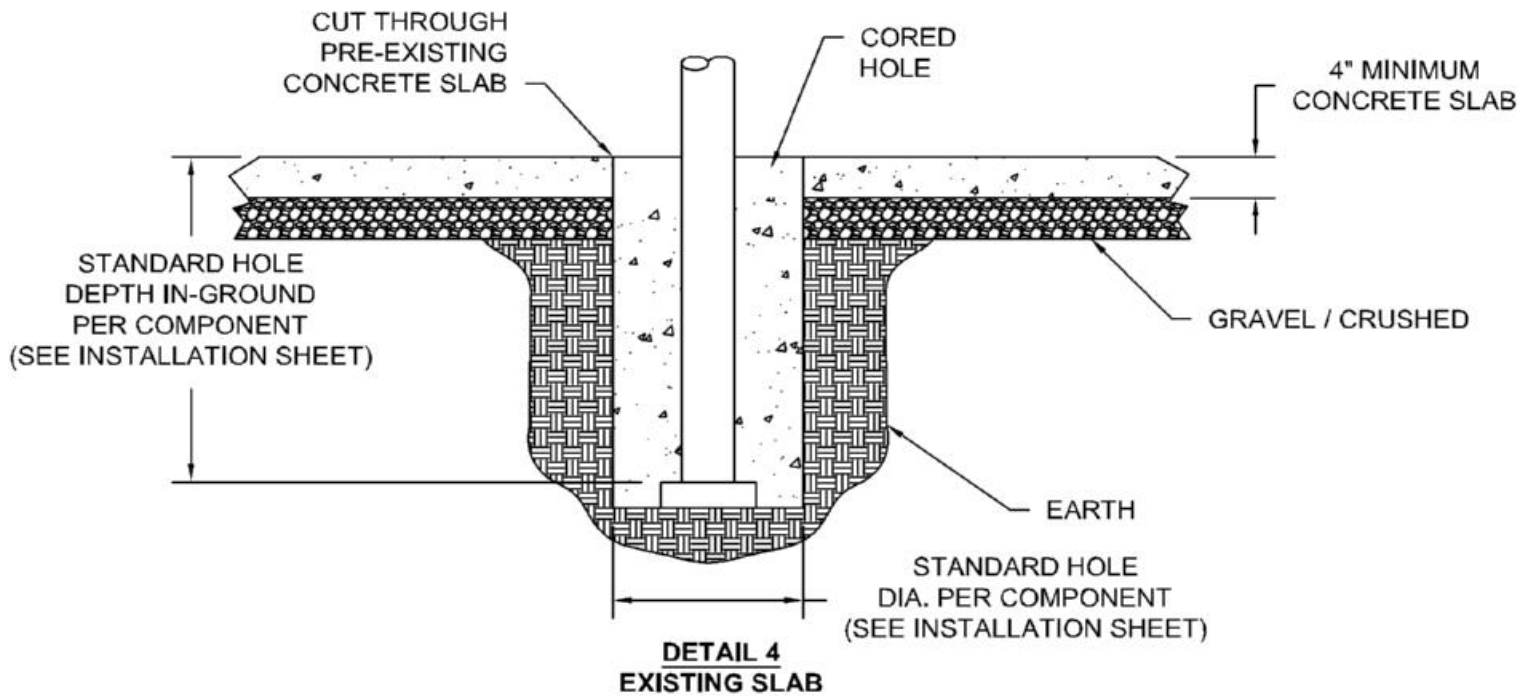
CONCRETE SPECIFICATIONS

1. Depth of concrete must be 4" minimum with wire mesh reinforcement.
2. Base shall be 3" crushed rock over compacted subgrade.
3. Minimum 7 days cure - full cure after 28 days.
4. Concrete rating shall be 3,000 PSI (minimum), 28 days 3,500 PSI.

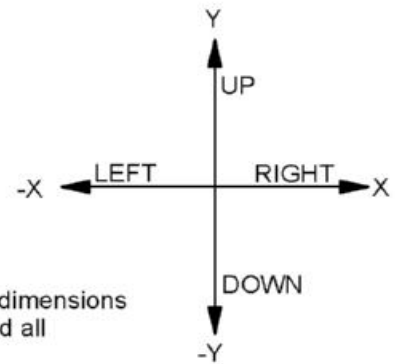
Protective Surfacing (determined by fall height requirements) must cover hardware at all times



DETAIL 3
SIDE VIEW OF
SURFACE MOUNT



GROUND PLAN INSTRUCTIONS



Equipment needed: 300' measuring tape (3) and marking paint.

First locate the X, Y Locator on your customized ground plan. This is the start point which all dimensions are pulled from. Next verify that its location on your site allows for a sufficient use zone around all equipment prior to laying out ground holes.

Please refer to the example provided below for instructions on how to determine ground hole placement.

START POINT (X, Y Locator)

-In this example the center of Hole #3 is the location of the X,Y Locator (start point). You can tell this is the start point by noting that all three dimensions in the Footings Ordinate Table for this hole are 0' -0".

HOLE #1

-Place the end of 300' tape at the start point (X, Y Locator) and secure it to the ground. Extend the tape running in the "-X" direction (left) and use this as a base line. Sometimes it will be required to extend the tape in the "Y" direction as a base line. Refer to your customized ground plan to make that determination.

-Once the 300' tape is placed on the ground, locate Hole #1 in the Footings Ordinate Table to find the "X" dimension (-3' 0") for Hole # 1. The tape on the ground represents the "X" direction in the Footing Ordinate Table.

-In this example there is no "Y" dimension since Hole #1 is in line with Hole #3. Therefore the center of Hole #1 is found using the "X" dimension only.

HOLE #2

-Locate Hole #2 in the Footings Ordinate Table to find the "X" dimension (-3'-0") for Hole #2. Measure that dimension on the "X" base line tape that was established during location of Hole # 1.

-With a second tape start at the "X" dimension and go in the "-Y" direction the distance specified in the "Y" column (-4'-0") of the Footings Ordinate Table for Hole #2.

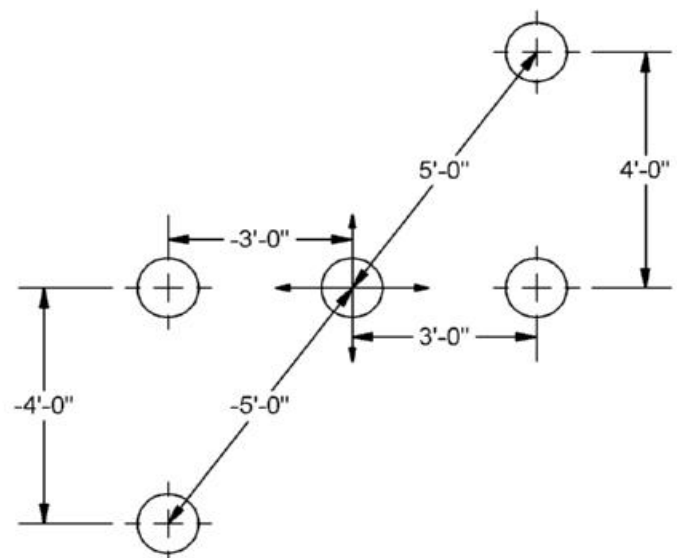
-Use a third tape to measure the diagonal dimension. Secure the end of the third tape at the start point. Extend the third tape out to the specified dimension stated in the "DIAG" column (-5'-0") of the Footings Ordinate Table for Hole #2.

-When the "Y" dimension and the "DIAG" dimension meet this will be the center of Hole #2.

Repeat this process for each hole in the Footings Ordinate Table.

Note: For dimensions with a negative symbol refer to the X, Y Locator and measure in the negative direction as shown on the X, Y Locator.

ORDINATE TABLE			
HOLE	X	Y	DIAG
1	-3'-0"	0'-0"	0'-0"
2	-3'-0"	-4'-0"	-5'-0"
3	0'-0"	0'-0"	0'-0"
4	3'-0"	4'-0"	5'-0"
5	3'-0"	0'-0"	0'-0"



DEEPER INGROUND INSTALLATION INSTRUCTIONS

⬡ = INSTALLATION
DETAIL

○ = PARTS LIST
REFERENCE

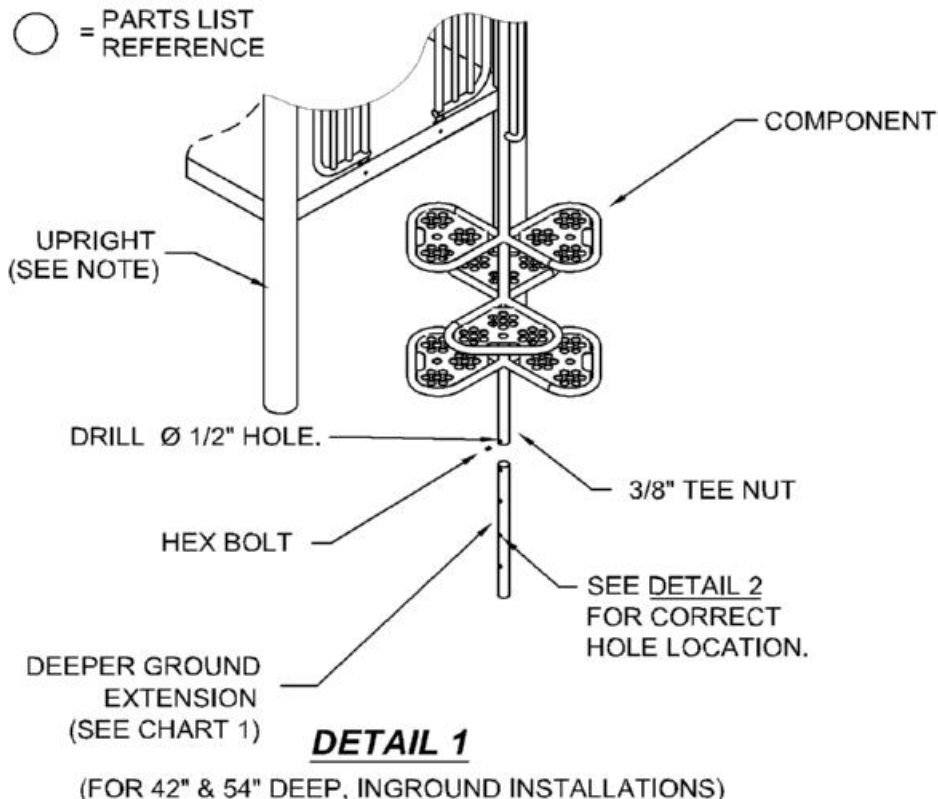


CHART 1

COMPONENT O.D.	DEEPER INGROUND HDW	EXTENSION NUMBER
1 5/16"	167417	167191
1 5/8"	167418	167192
1 7/8"	167419	167193
2 3/8"	167420	167194
2 7/8"	167421	167195
3 1/2"	167422	167196
5"	167423	167197

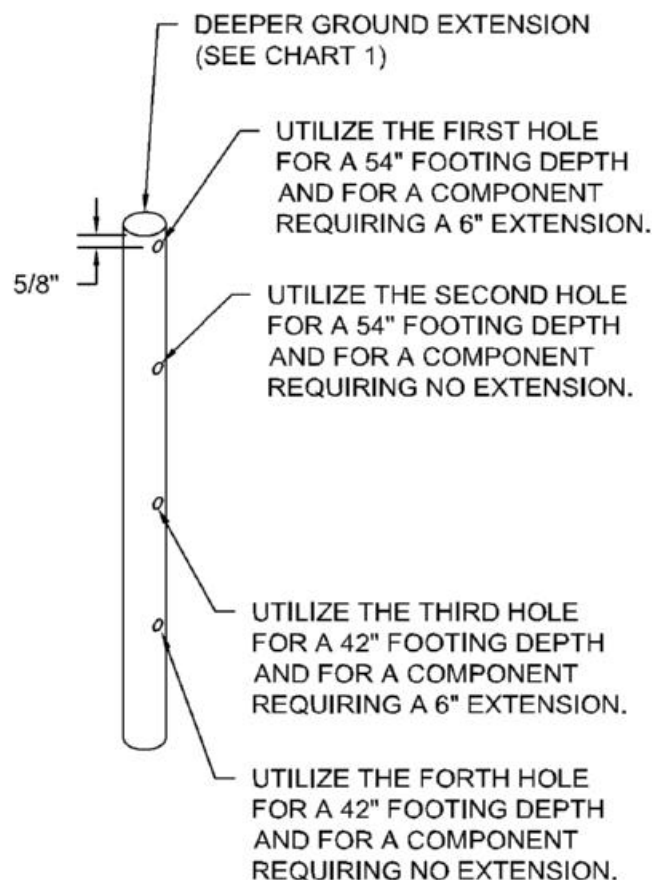
DEEPER INGROUND INSTALLATION INSTRUCTIONS

NOTE: Extra Upright Length is calculated and added by GameTime.

NOTE: 42" & 54" Length indicates inground length (42" = 30" deep hole and 12" surfacing 54" = 42" deep hole and 12" surfacing). All components are shipped as standard 30" inground length.

NOTE: Some Inground Components require extensions. Review your Standard Installation Sheet to see if extensions are required.

1. Before assembling this equipment, read the enclosed INSTALLATION INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Drill 1/2" diameter hole 5/8" from bottom of pipe. See **DETAIL 1**.
3. For 42" and 54" Deep Inground Installations, DO NOT cut component length. After drilling 1/2" diameter hole 5/8" from bottom of pipe, attach the extension as shown in **DETAIL 1** and **DETAIL 2**. See **CHART 1** for the specific extension required for the diameter pipe being used. The uprights will be manufactured to the proper length needed for your 42" or 54" inground Installations.



DETAIL 2



Enriching Childhood Through Play.

1-800-235-2440

1047 SEAT

ISSUED/REVISED: 10/30/17

 = INSTALLATION
DETAIL

 = PARTS LIST
REFERENCE

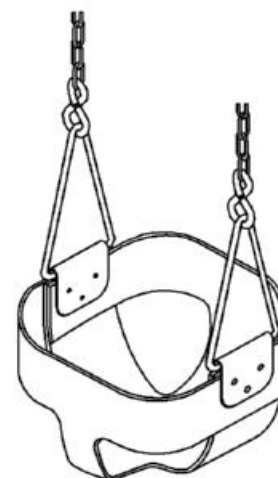


1464, 1469, 1470, SS1464,
SS1469, SS1470

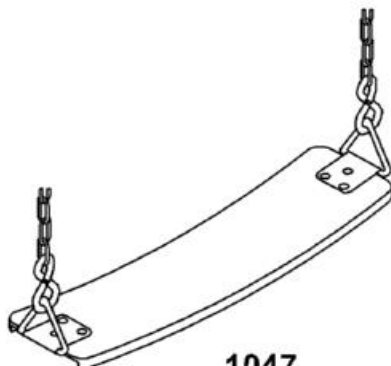


1468, 1472, 1481, 1483,
SS1468, SS1481, SS1483

BELT SEAT 1047
FULLY ENCLOSED SEAT 8520
1464, 1468, 1469, 1470,
1472, 1481, 1483, CC1464,
SS1464, SS1469, SS1470,
SS1468, SS1481, SS1483
SEAT PACKAGES



8520



1047

SPECIFICATIONS

- ❑ Rights are reserved to discontinue or change specifications without notice.
- Bucket Seats shall be fabricated with .020" thick stainless steel inserts covered by a dark green colored EPDM rubber.
- ❑ Fully Enclosed Seats shall be fabricated with .025" thick stainless steel inserts covered by a dark green colored EPDM rubber.
- ❑ Seats shall be furnished with factory installed "S" Hooks.
- ❑ Commercial Belt Seat - an extra piece of fluted rubber at the front and back of seat gives it a cushion bumper.



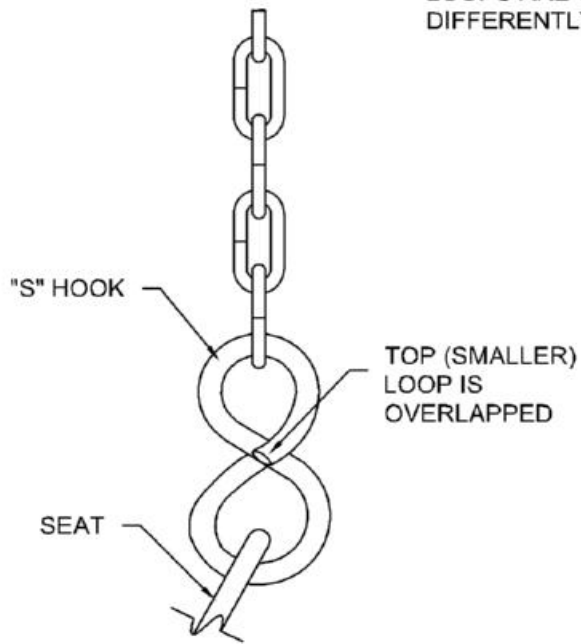
IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



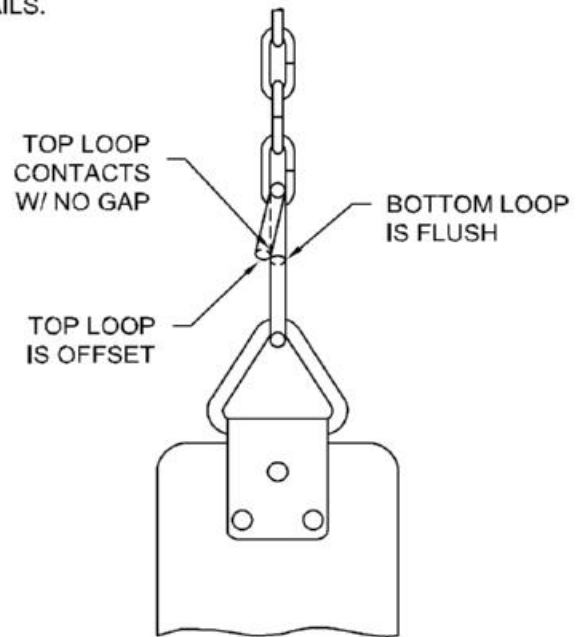
- ❑ Replace all worn "S" Hooks. "S" Hooks must be completely closed. Failure to close "S" Hooks properly can result in serious injury to the user. Never reuse "S" Hooks.
- ❑ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. **NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.** A fall on a hard surface can result in serious injury to the equipment user.
- ❑ **ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.**
- ❑ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ❑ Equipment should be placed to eliminate conflicting traffic patterns.
- ❑ All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ❑ Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- ❑ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- ❑ **THE SPECIFICATION SHEET SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE.**
- ❑ Never add components not intended for use with this product.
- ❑ Regular maintenance is necessary on this and all playground equipment to ensure the safety of the user.
- ❑ Never use playground equipment around or in conjunction with swimming pools, ponds, lakes or any other bodies of water.

DETAIL OF PROPERLY CLOSED "S" HOOK

NOTE: TOP AND BOTTOM
LOOPS ARE CLOSED
DIFFERENTLY. SEE DETAILS.

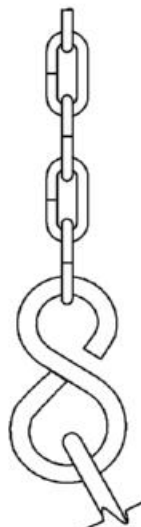


BACK VIEW

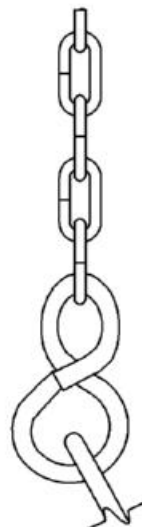


SIDE VIEW

"S" HOOK LOOPS MUST BE CLOSED PER THESE INSTRUCTIONS. FAILURE TO CLOSE "S" HOOK LOOP PROPERLY CAN RESULT IN SERIOUS INJURY TO THE USER. DO NOT REUSE AN "S" HOOK AFTER OPENING LOOPS. REPLACE WORN "S" HOOK(S).



WRONG



WRONG

PARTS LIST

DESCRIPTION	NO. REQ'D.			PART NUMBER
	1464	1469	1470	
Swing Seat Ass'y	1	1	1	8520
Swing Hanger (2 3/8" O.D.)	0	2	0	1461*
Swing Hanger (3 1/2" O.D.)	0	0	2	1462*
Swing Hanger (5" O.D.)	2	0	0	1487*
Chain (3'-10 3/8" LG)	2	2	2	131904*
		1481	1483	
Belt Seat		1	1	1047
Swing Hanger (2 3/8" O.D.)		2	0	1461*
Swing Hanger (3 1/2" O.D.)		0	2	1462*
Chain		2	2	153867*
			1468	
Belt Seat			1	1047
Swing Hanger (5" O.D.)			2	1487*
Chain			2	103052*

DESCRIPTION	NO. REQ'D.						PART NUMBER
	SS1464	SS1468	SS1469	SS1470	SS1481	SS1483	
Swing Seat Ass'y	1	0	1	1	0	0	8520
Belt Seat	0	1	0	0	1	1	1047
Swing Hanger (2 3/8" O.D.)	0	0	2	0	2	0	1461*
Swing Hanger (3 1/2" O.D.)	0	0	0	2	0	2	1462*
Swing Hanger (5" O.D.)	2	2	0	0	0	0	1487*
Stainless Steel Chain	2	0	2	2	0	0	177994*
Stainless Steel Chain	0	0	0	0	2	2	177990*
Stainless Steel Chain	0	2	0	0	0	0	177993*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

NOTE: "CC" Prefix Before Package Number Indicates Seat with Coated Chain

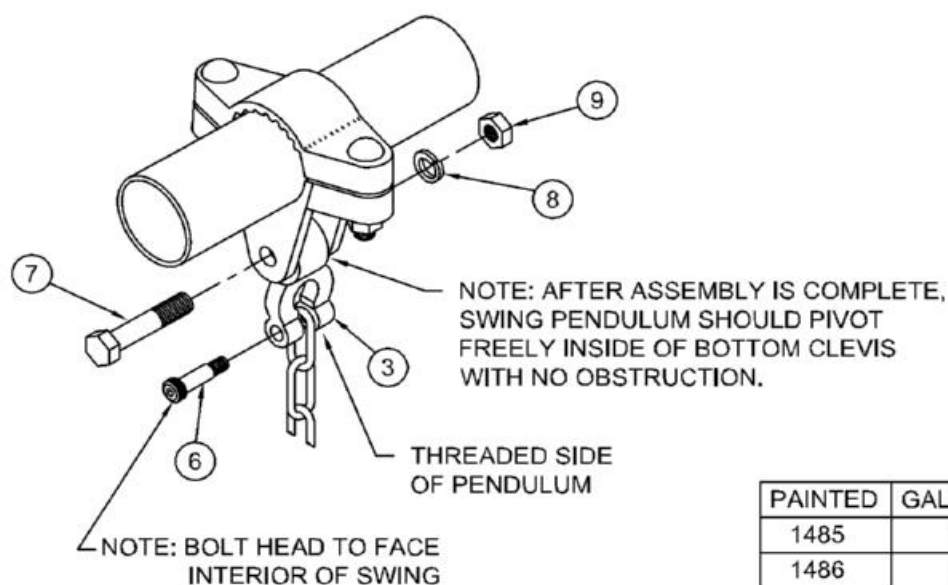
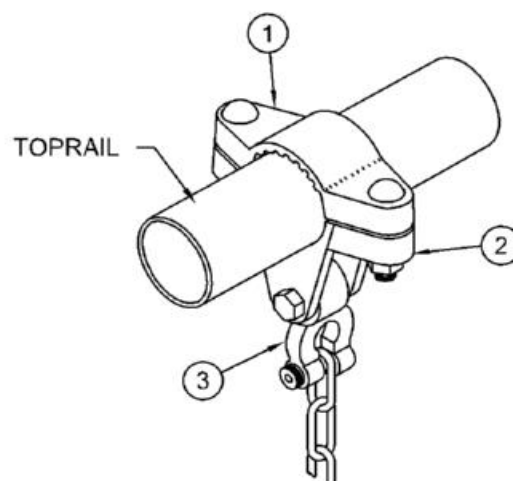
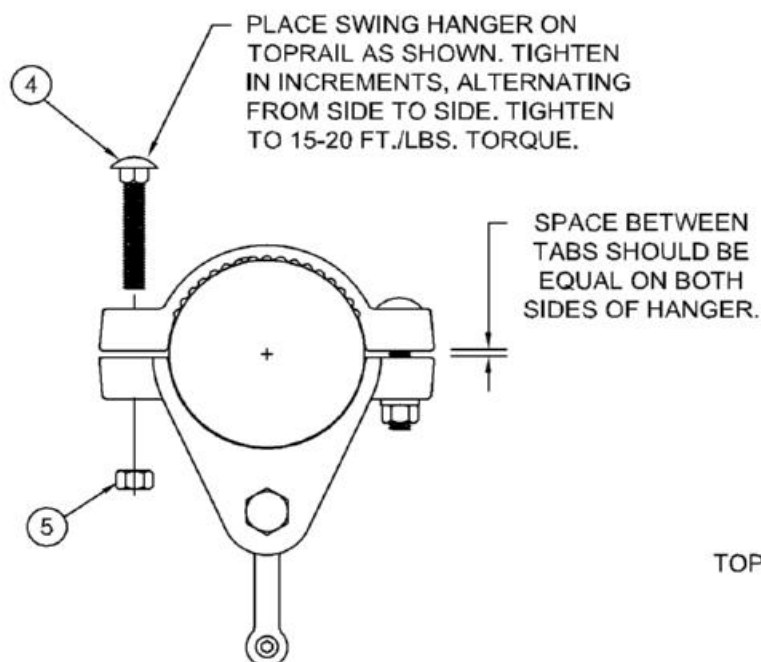
**Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children.
Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed,
Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.**

SWING HANGER

ISSUED/REVISED: 3/15/16

-  = INSTALLATION
DETAIL
 = PARTS LIST
REFERENCE

NOTE: 1461 GALVANIZED
1462 GALVANIZED
1463 PAINTED
1485 PAINTED
1486 PAINTED
1487 GALVANIZED



PAINTED	GALVANIZED	PIPE DIAMETER
1485	1461	2 3/8" [6.03cm] O.D. PIPE
1486	1462	3 1/2" [8.89cm] O.D. PIPE
1463	1487	5" [12.70cm] O.D. PIPE

SPECIFICATIONS

MATERIAL: All swing hanger castings shall be cast of malleable iron.

HARDWARE: All carriage bolts, lockwashers, hex nuts, and shoulder bolts shall be zinc plated with a clear chromate coating.

FINISH: All top and bottom clevis parts shall be galvanized or powder coated. The swing pendulum shall be galvanized only.

CONSTRUCTION: The swing hanger shall consist of a top clevis, bottom clevis, and swing pendulum. The top clevis shall have a non-slip-serrated surface. The pendulum shall incorporate a factory installed bronze bushing. The pendulum shall be attached to the bottom clevis with 1/2" x 2 1/2" hex bolt, 1/2" lockwasher, and 1/2" hex nut. The top and bottom clevis shall be attached with 3/8" carriage bolt and 3/8" lock nut.

SPECIFICATIONS: PLAYCORE has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

PARTS LIST

REF. NO.	DESCRIPTION	NO. REQUIRED						PART NUMBER
		1461	1462	1463	1485	1486	1487	
1	Top Clevis	1	0	0	0	0	0	157000
1	Top Clevis	0	1	0	0	0	0	157002
1	Top Clevis	0	0	1	0	0	0	157382
1	Top Clevis	0	0	0	1	0	0	158223
1	Top Clevis	0	0	0	0	1	0	158221
1	Top Clevis	0	0	0	0	0	1	157005
2	Bottom Clevis	1	0	0	0	0	0	157011
2	Bottom Clevis	0	1	0	0	0	0	157012
2	Bottom Clevis	0	0	1	0	0	0	157383
2	Bottom Clevis	0	0	0	1	0	0	158233
2	Bottom Clevis	0	0	0	0	1	0	158230
2	Bottom Clevis	0	0	0	0	0	1	157013
3	Swing Pendulum	1	1	1	1	1	1	157010
4	3/8" x 2" Carriage Bolt	2	2	0	2	2	0	800256
4	3/8" x 1 3/4" Carriage Bolt	0	0	2	0	0	2	800290
5	3/8" Lock Nut	2	2	2	2	2	2	804353
6	3/8" x 1" Shoulder Bolt	1	1	1	1	1	1	811226
7	1/2" x 2 1/2" Hex Bolt	1	1	1	1	1	1	801200
8	1/2" Lockwasher	1	1	1	1	1	1	817342
9	1/2" Hex Nut	1	1	1	1	1	1	804055

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Loctite (supplied by others) should be used on all threaded hardware.



A PLAYCORE Company
1-800-235-2440

4676

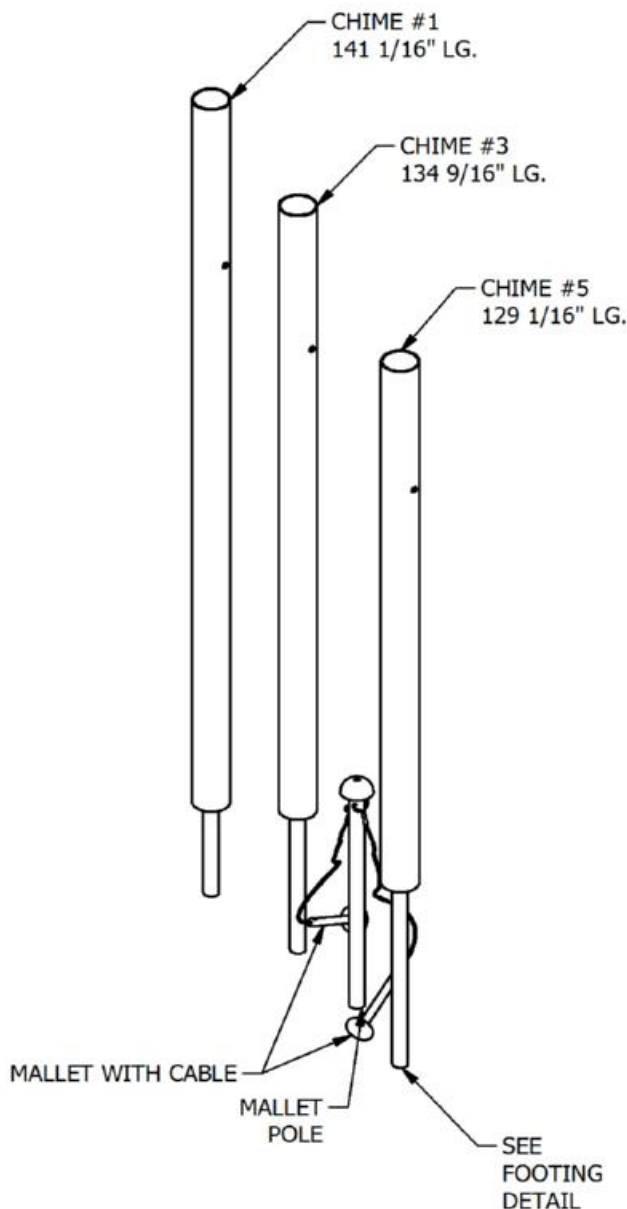
HARMONIC CHIMES (SET OF 3)

ISSUED/REVISED: 10/4/2017

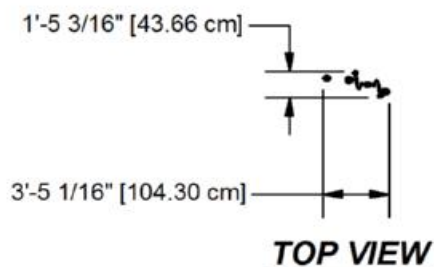
- ⬡ = INSTALLATION
DETAIL
○ = PARTS LIST
REFERENCE

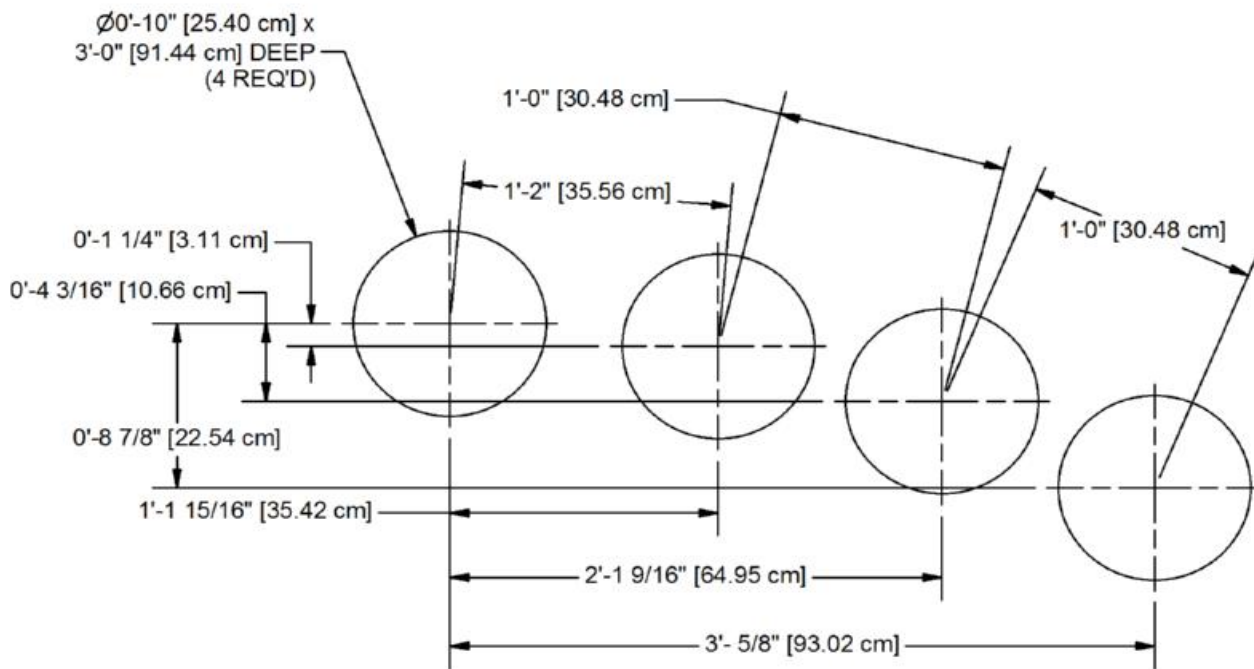


NOTE:
LOWER PRODUCT 0'-8" [20.32 cm]
IF INTENDED SPECIFICALLY
FOR USE BY 2-5 AGE GROUP



ASSEMBLY DRAWING





NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

GROUND PLAN

CONCRETE REQUIRED
 .18 CUBIC YARDS
 [.13 CUBIC METERS]

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	HARMONIC CHIMES (SET OF 3) PACKAGE	1	314082

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

INSTALLATION INSTRUCTIONS

NOTE: THIS INSTALLATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

NOTE: Assembly and leveling time will be greatly reduced if a transit is used to set location and depth of ground holes.

NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions

1. Locate and dig footing holes according to Ground Plan. See Footing Detail for dimensions and notes regarding surfacing, etc.
2. Drive 36" long Steel Rebar (not provided) into the center of each hole. Rebar needs to be 18" into the soil within the Ø10" hole. This process helps with keeping the Chimes vertical while the concrete cures. See Footing Detail.
3. Place each Chime & Mallet Pole into their holes over the Rebar, then pour concrete around the In Ground poles. Check that all Chimes are level. Leave concrete to set according to the concrete manufacturer's guidelines. If necessary, brace the Chimes to hold them rigid during the curing process. **IMPORTANT:** Chimes must be as vertical as possible for best sound.

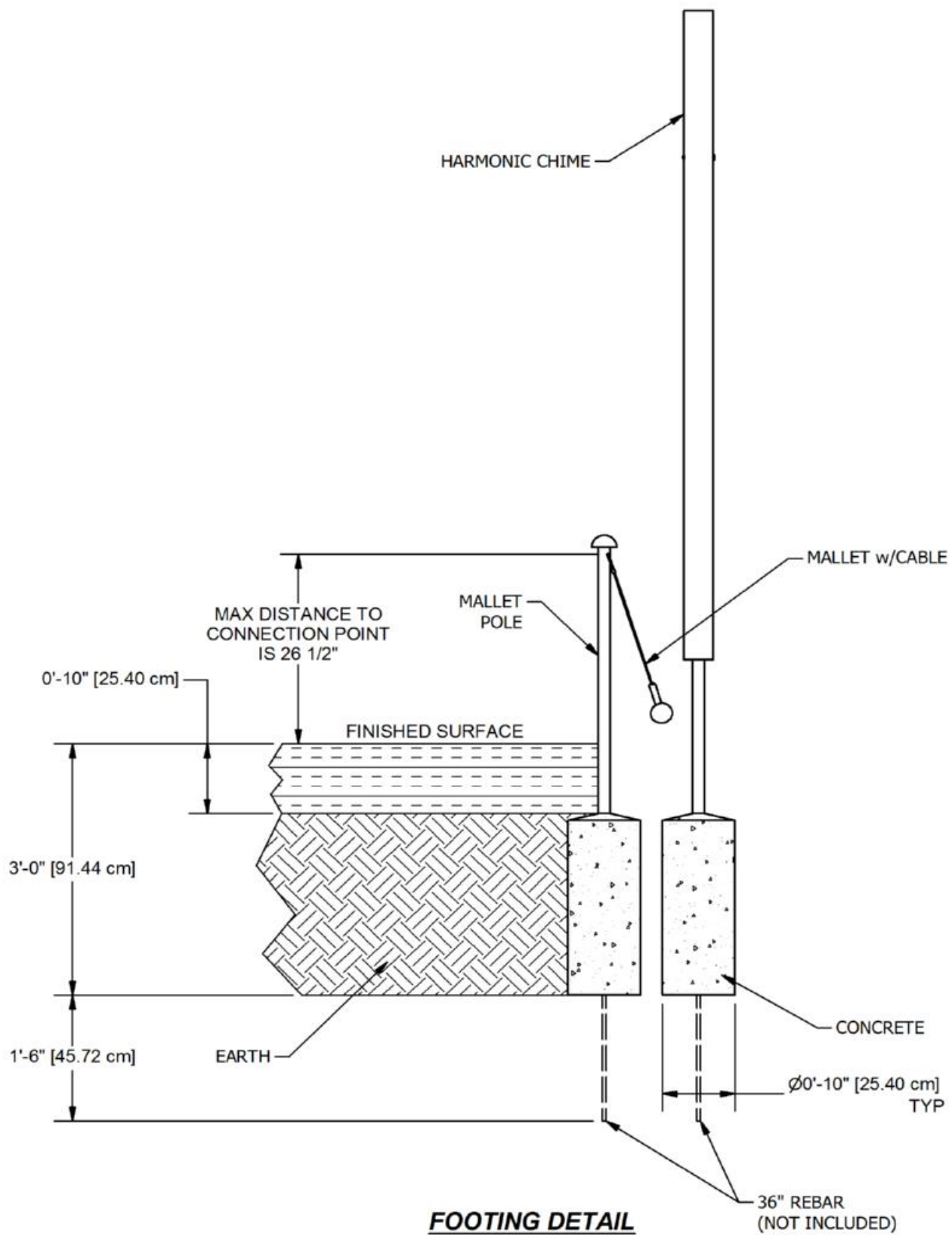
NOTE: Shock absorbing properties of surfacing materials vary. If you determine that less than 10" of surfacing is required, make up the difference in elevation with earth, before applying surfacing.

SPECIFICATIONS

HARMONIC CHIMES (SET OF 3) PACKAGE:

Each chime is made with heavy duty, anodized aluminum. Each instrument is supplied with four durable mallets with coated steel cables.

SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



FOOTING DETAIL



A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 1/19/2023

5165

EXPRESSION SWING w/ ADAPTIVE SEAT

- ⬡ = INSTALLATION
DETAIL
- = PARTS LIST
REFERENCE

3 1/2" O.D. x 8' TOPRAIL

5165

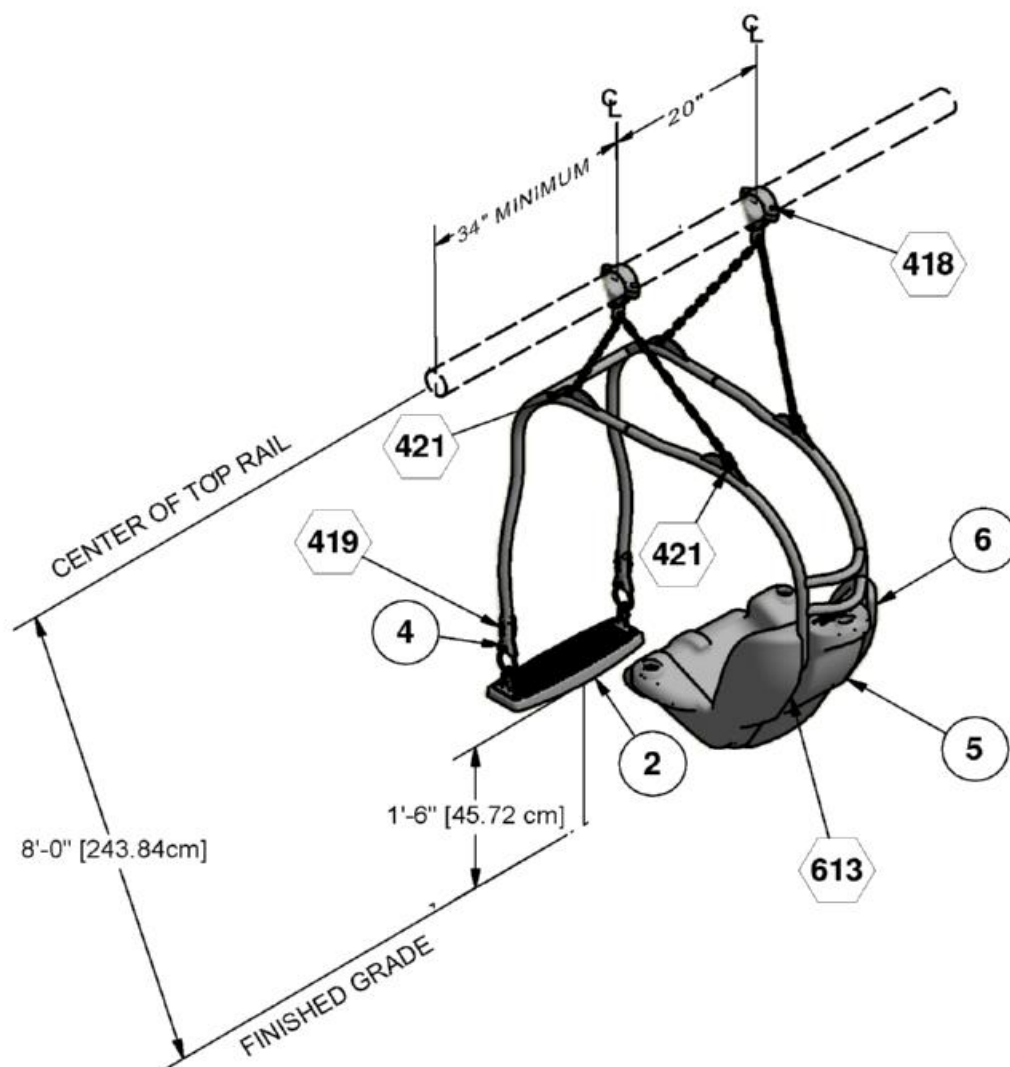
5" O.D. x 8' TOPRAIL

5166



INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. NOTE: Drill out 1/4" holes with 3/8" drill bit on the adaptive seat.



ASSEMBLY DRAWING
5165 SHOWN

Parts List				
REF	DESCRIPTION	5165	5166	PART NUMBER
1	EXPRESSION SWING w/ ADAPTIVE SEAT PACKAGE	1	1	213059
2	SEAT ASS'Y	1	1	208958**
3	ADAPTIVE WELD ASS'Y	1	1	212912**
4	SWING CASTING	4	4	209237**
5	(PURCHASED) EXPRESSION SWING w/ ADAPTIVE SEAT CAUTION LABEL	1	1	213060**
	ADAPTIVE SEAT PACKAGE 3 1/2" TOP RAIL	1		213062
6	ADAPTIVE SEAT	1	1	166082***
	SWING HANGER (3-1/2" O.D.)	2	0	1462***
	ADAPTIVE SEAT PACKAGE 5" TOP RAIL	0	1	213063
6	ADAPTIVE SEAT	0	1	166082****
	SWING HANGER (5" O.D.)	0	2	1487****
	HARDWARE COMPLETE	1	1	213061**
	3/8" x 1" P.B.H.C.S. w/PATCH	2	2	812050*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	4	4	812053*
	3/8" x 2 1/2" P.B.H.C.S. w/PATCH	2	2	812057*
	3/8" x 2 3/4" P.B.H.C.S. w/PATCH	2	2	812058*
	3/8" FLAT WASHER	2	2	817410*
	3/8" BARREL NUT	10	10	804804*
	3/8" LOCK WASHER	2	2	817334*
	3/8" O.D. STAINLESS STEEL WIRE	2	2	208743*
	3/8" PLASTIC SPACER	12	12	817613*
	3/8" PIN-IN TORX BIT, T45	2	2	812655*
	1/2" LOCKWASHER	4	4	817342*
	D SHACKLE w/NO-SNAG PIN	6	6	161853*
	S.S. CHAIN 17 LINKS	4	4	213058*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

***Included in Expression Swing W/ Adaptive Seat Package 213059*

****Included in Adaptive Seat Package 3 1/2" Top Rail 213062*

*****Included in Adaptive Seat Package 5" Top Rail 213063*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

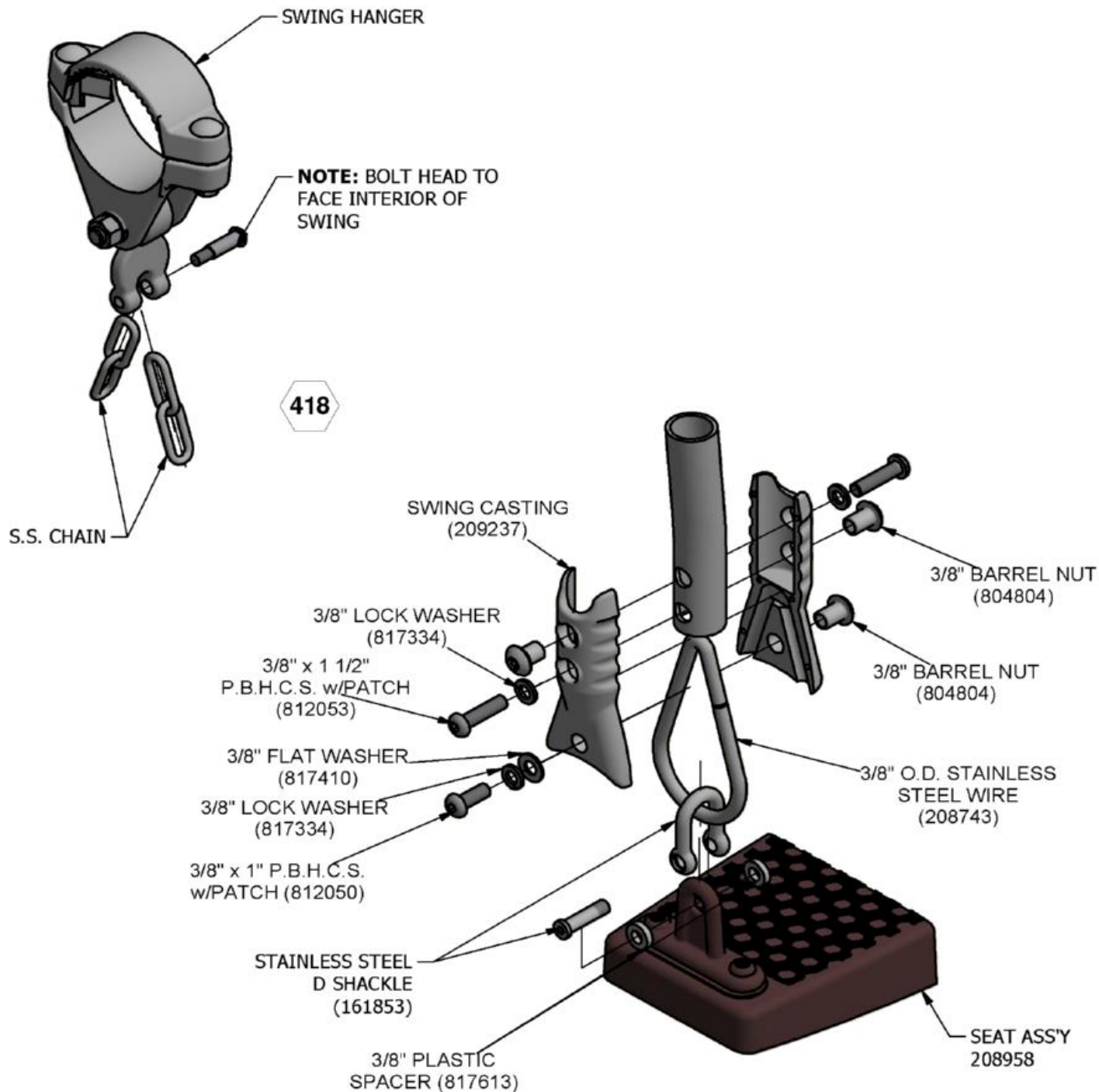
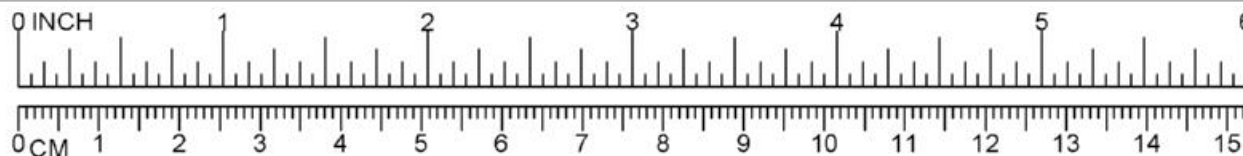
DETAILS -for- 5165 & 5166

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



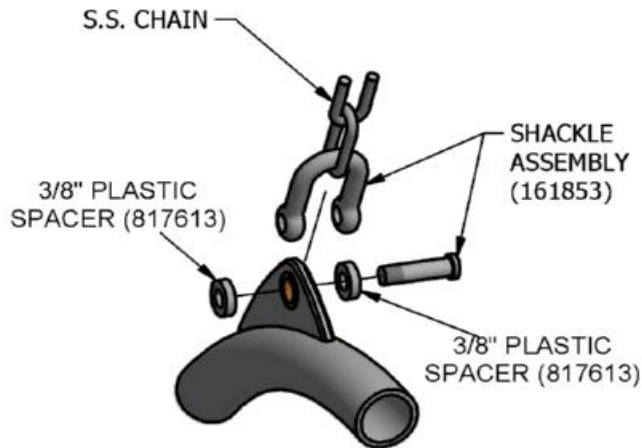
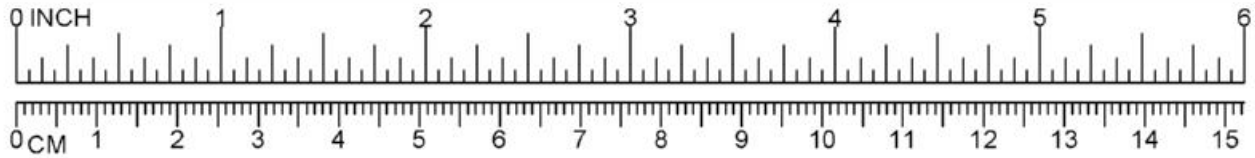
DETAILS -for- 5165 & 5166

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



NOTE:
SPACERS LOCATED
BETWEEN TAB AND
INTERIOR OF SHACKLE.

421

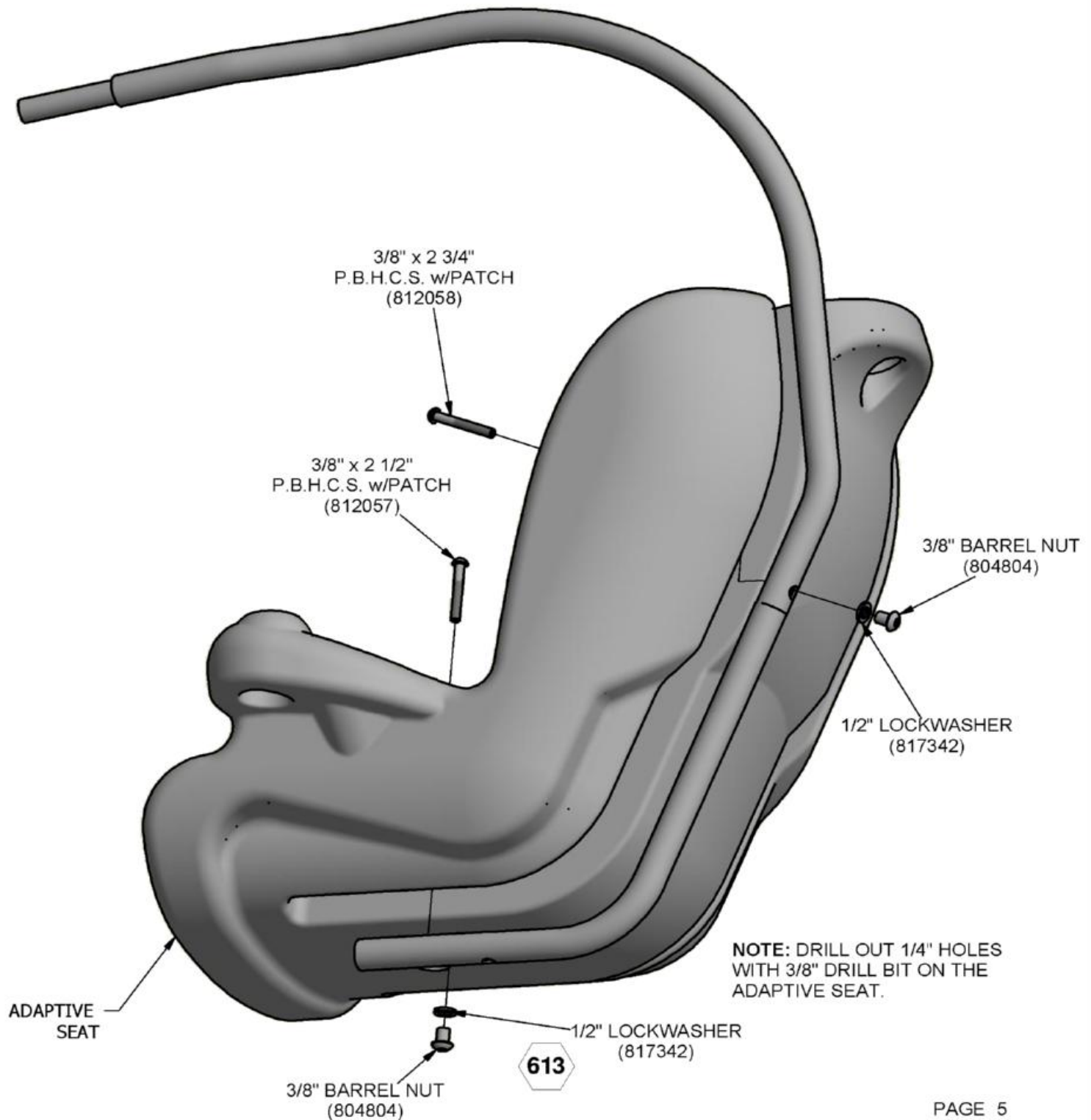
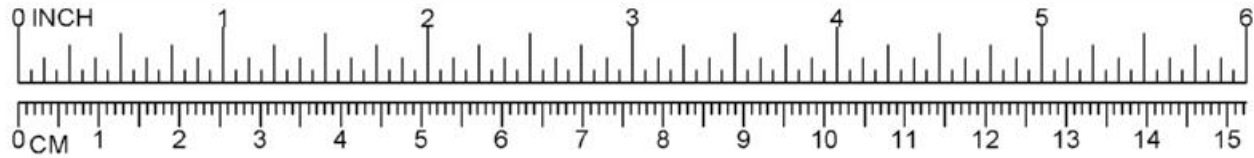
DETAILS -for- 5165 & 5166

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



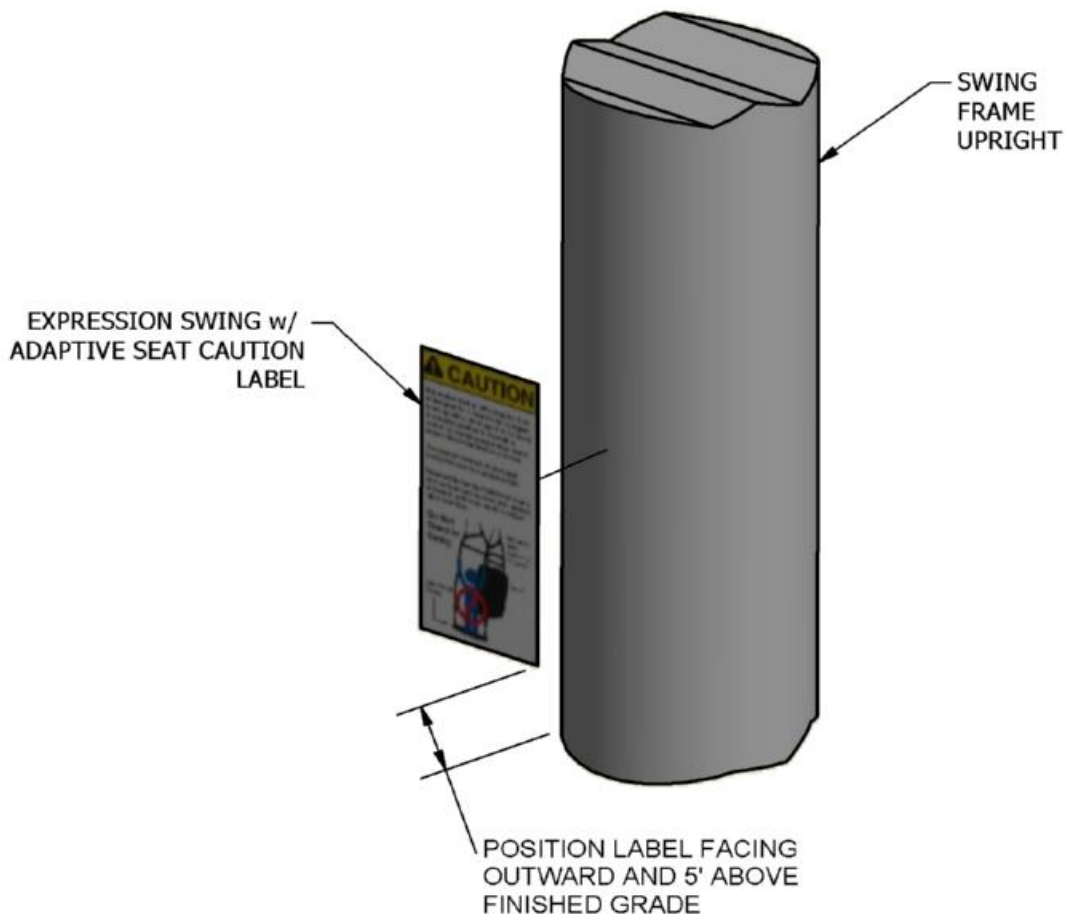
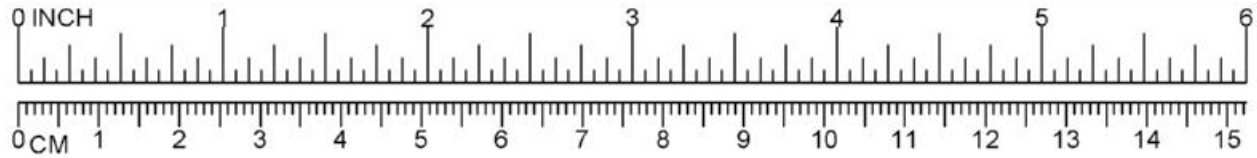
DETAILS -for- 5165 & 5166

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.





A PLAYCORE Company

1-800-235-2440

5167

EXPRESSION SWING TANDEM

ISSUED/REVISED: 1/19/2023

⬡ = INSTALLATION
DETAIL
○ = PARTS LIST
REFERENCE

3 1/2" O.D. x 8' TOPRAIL 5167

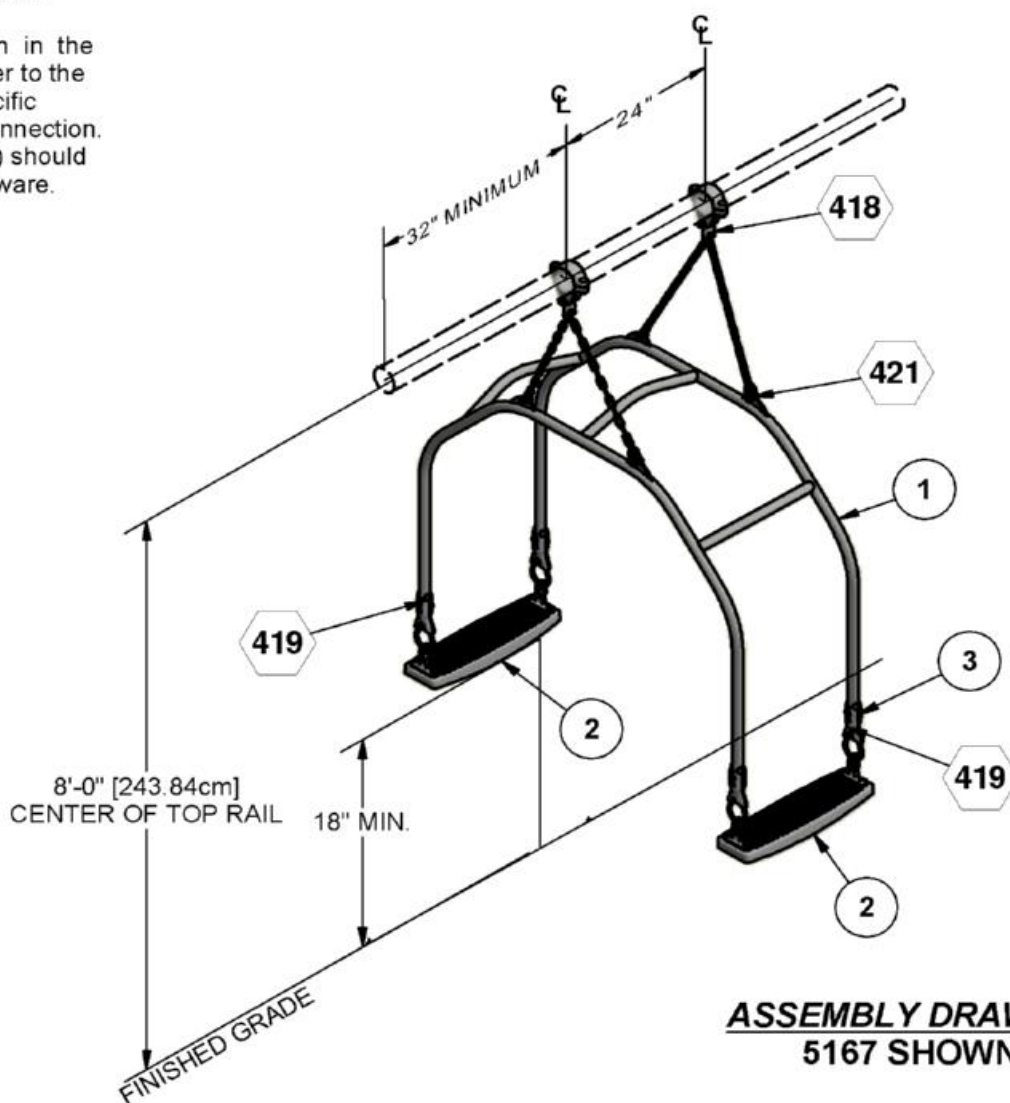
5" O.D. x 8' TOPRAIL 5168

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.

2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.

3. Loctite (supplied by others) should be used on all threaded hardware.



Parts List				
REF	DESCRIPTION	5167	5168	PART NUMBER
1	EXPRESSION SWING FRAME WELD ASS'Y	1	1	213496
2	SEAT ASS'Y	2	2	208958
3	SWING CASTING	8	8	209237
	SWING HANGER (3-1/2" O.D.)	2	0	1462
	SWING HANGER	0	2	1487
	HARDWARE COMPLETE	1	1	213700
	3/8" x 1" P.B.H.C.S. w/PATCH	4	4	812050*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	8	8	812053*
	3/8" FLAT WASHER	4	4	817410*
	3/8" BARREL NUT	12	12	804804*
	3/8" LOCK WASHER	12	12	817334*
	3/8" O.D. STAINLESS STEEL WIRE	4	4	208743*
	3/8" PLASTIC SPACER	12	16	817613*
	STAINLESS STEEL D SHACKLE	8	8	161853*
	3/8" PIN-IN TORX BIT, T45	2	2	812655*
	CHAIN 21 3/16"	4	4	205774*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

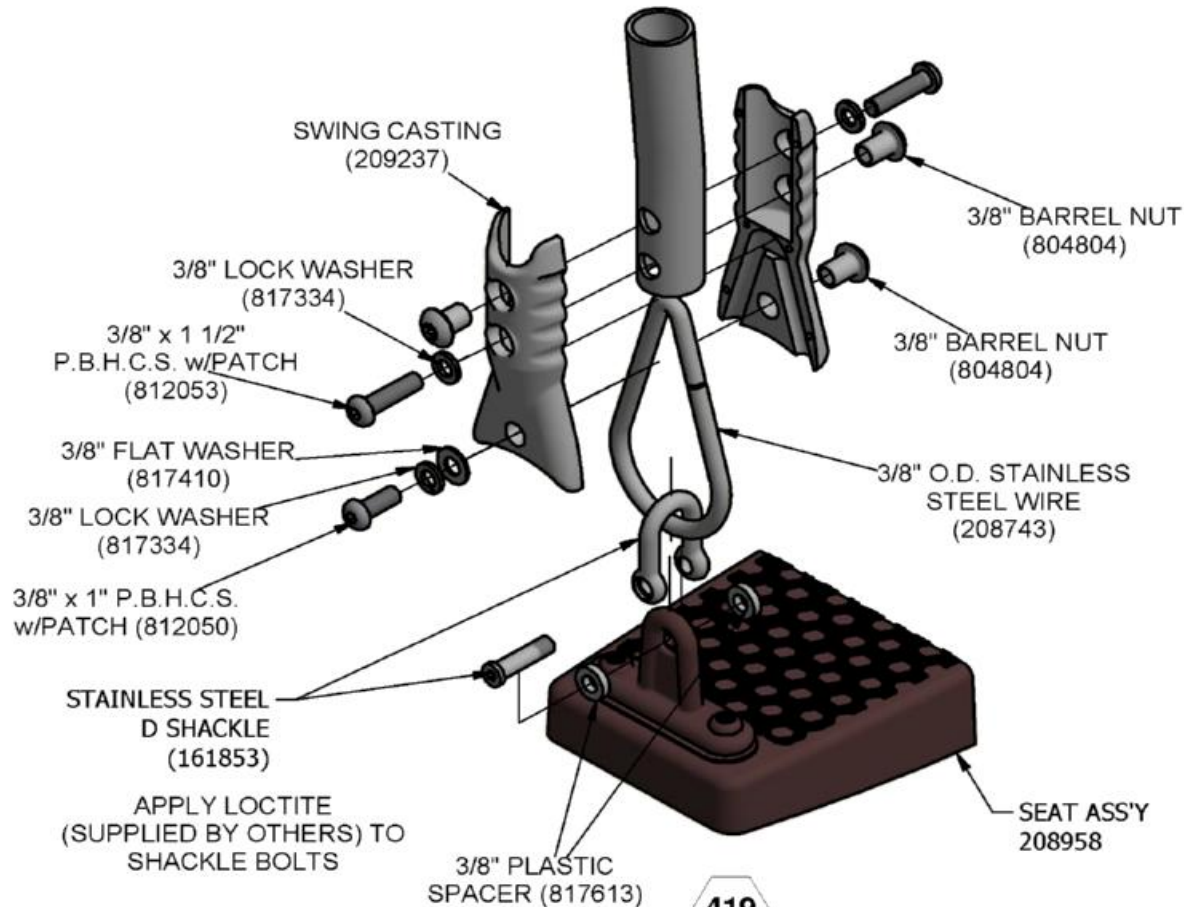
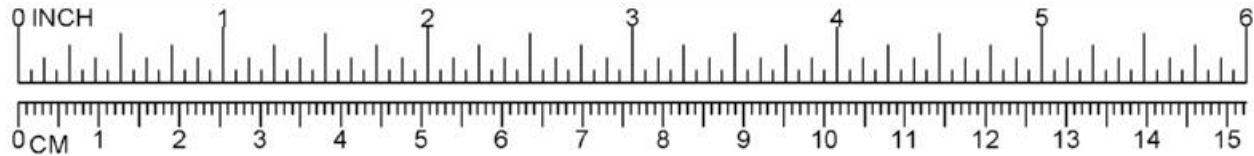
DETAILS -for- 5167 & 5168

IMPORTANT

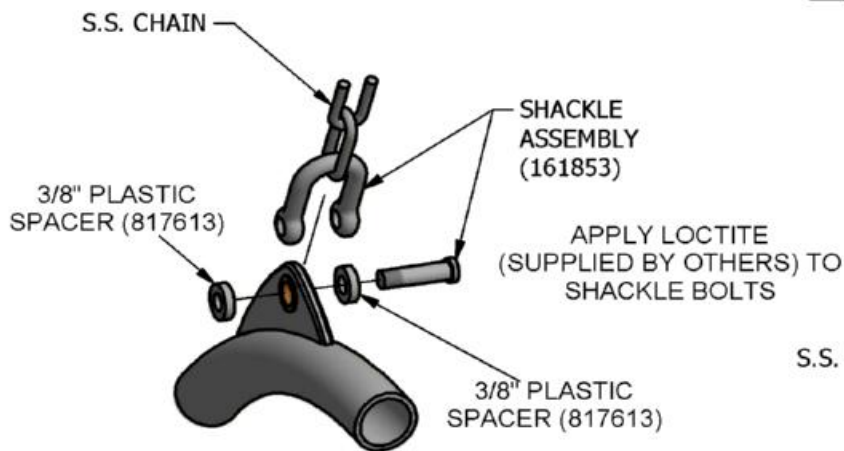
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.

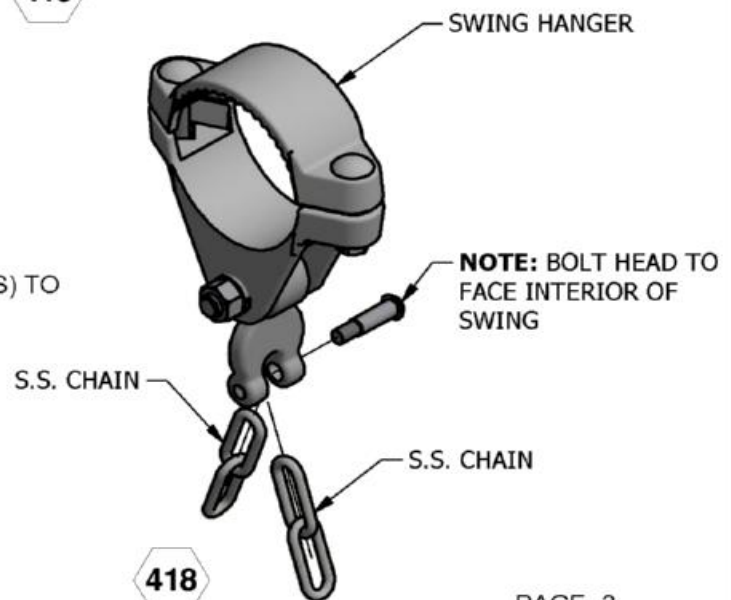


419



421

NOTE:
SPACERS LOCATED
BETWEEN TAB AND
INTERIOR OF SHACKLE



418

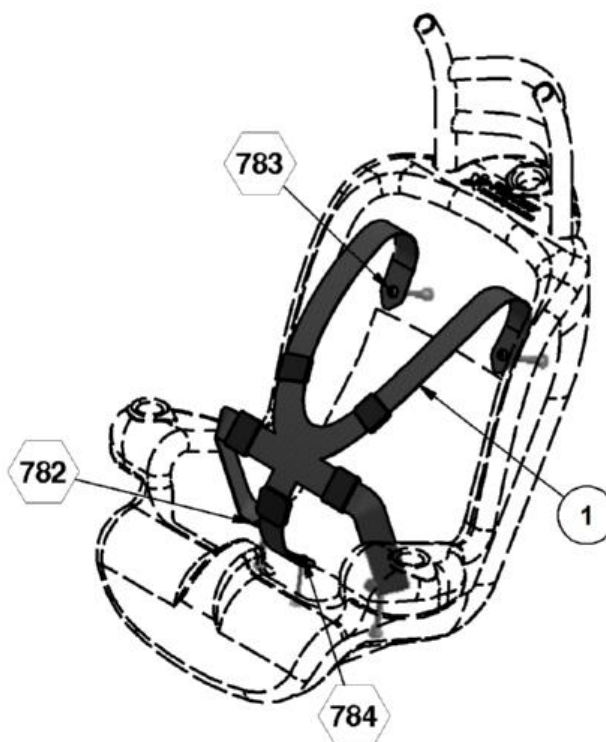
ADAPTIVE SWING W/ RUNG SAFETY BELT KIT

ISSUED/REVISED: 9/25/2018

-  = INSTALLATION
DETAIL
 = PARTS LIST
REFERENCE

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed *Installer Instructions* in the installation booklet; follow all the instructions during assembly.
2. Assemble parts as shown in the *Assembly Drawing*. Refer to the assembly details for the specific hardware required in each connection.
3. NOTE: Drill out 1/4" holes with 3/8" drill bit on the adaptive seat.



ASSEMBLY DRAWING

Parts List			
REF	DESCRIPTION	QTY	PART NUMBER
1	ADAPTIVE SWING SAFETY BELT	1	X18249
	HARDWARE COMPLETE	1	215684
	1/4" X 2-3/4" B.H.C.S.	1	811021*
	1/4" LOCK WASHER	1	817326*
	1/4" TEE-NUT	1	804559*
	3/8" x 2 3/4" P.B.H.C.S. w/PATCH	2	812058*
	3/8" x 3" P.B.H.C.S. w/PATCH	2	812059*
	3/8" BARREL NUT	4	804804*
	1/2" LOCKWASHER	4	817342*

Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.

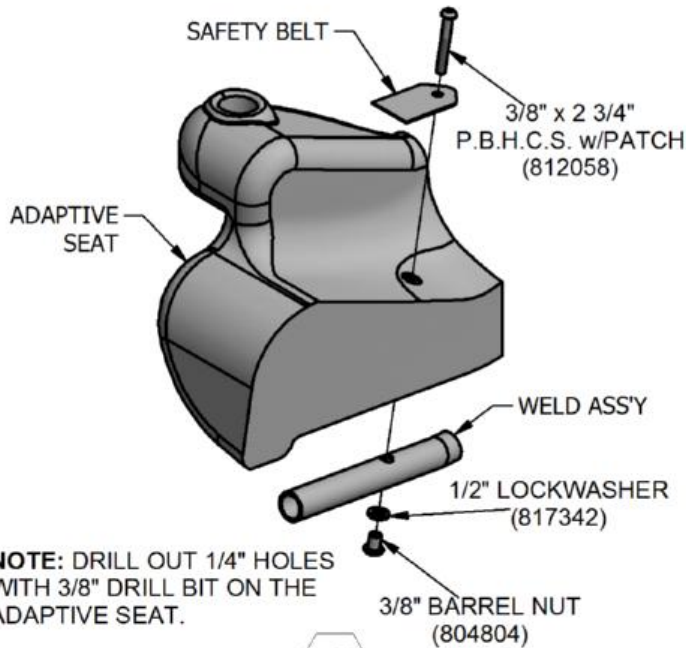
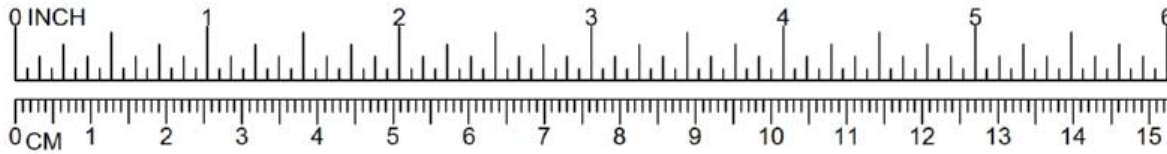
DETAILS -for- 5173

IMPORTANT

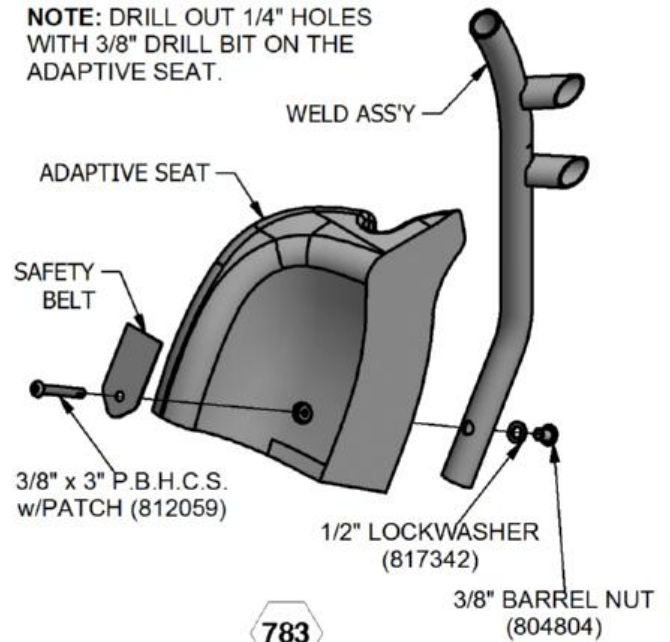
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

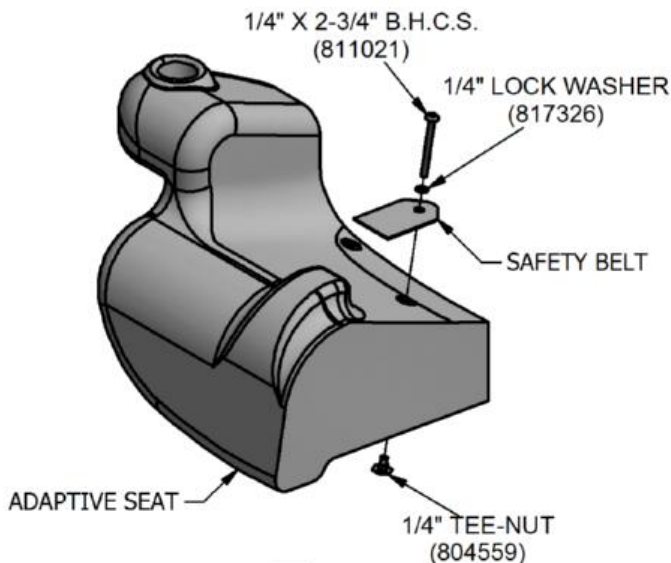
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



782



783



784



A **PLAYCORE** Company
1-800-235-2440

6242

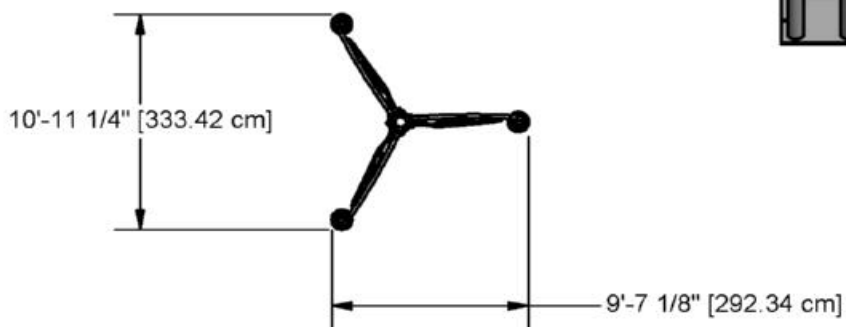
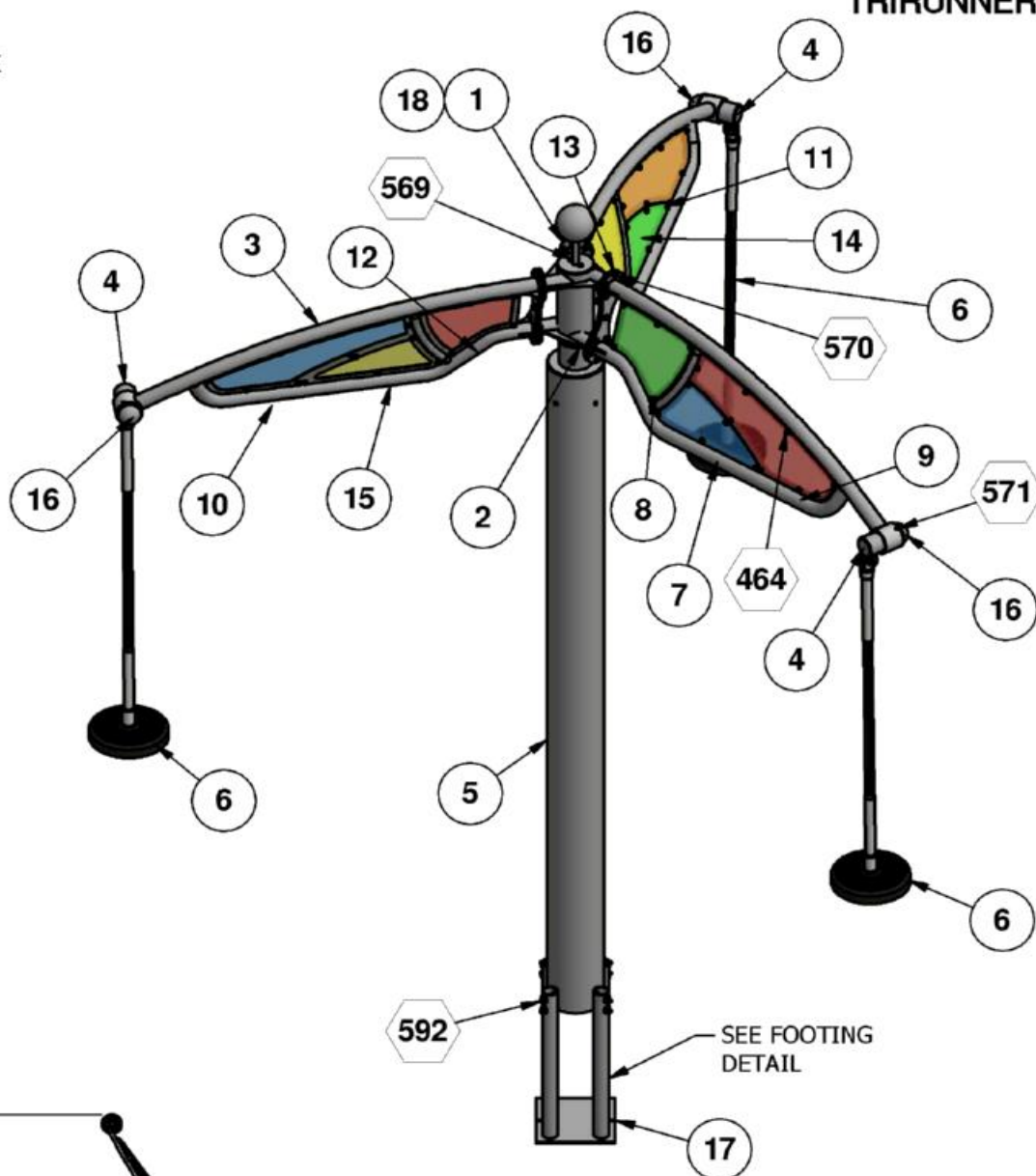
SHADOWPLAY® TRIRUNNER™

ISSUED/REVISED: 11/4/2019

- ⬡ = INSTALLATION
DETAIL
○ = PARTS LIST
REFERENCE

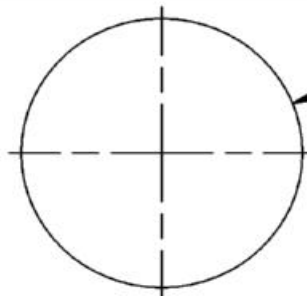


SHADOWPLAY® TRIRUNNER™ 6242
TRIRUNNER™ 6243



TOP VIEW
6242 SHOWN

ASSEMBLY DRAWING
6242 SHOWN



Ø4'-0" [121.92 cm] x
5'-0" [152.40 cm] DEEP

GROUND PLAN

CONCRETE REQUIRED

1.86 CUBIC YARDS

1.42 CUBIC METERS

Parts List				
REF.	DESCRIPTION	6242	6243	PART NUMBER
1	FINIAL WELD ASS'Y	1	1	212559
2	HUB BEARING ASS'Y	1	1	212538
3	BLADE BEARING ASS'Y	3	0	212531
3	BLADE BEARING ASS'Y	0	3	212553
4	PIVOT SHAFT WELD ASS'Y	3	3	212551
5	UPRIGHT PAINT AND PACK	1	1	212704
6	ZIP SEAT 63 1/2" ROPE ASS'Y	3	3	213228
7	TRANSPARENT ACRYLIC BLUE PANEL	1	0	212384
8	TRANSPARENT ACRYLIC GREEN PANEL	1	0	212385
9	TRANSPARENT ACRYLIC RED PANEL	1	0	212386
10	TRANSPARENT ACRYLIC BLUE PANEL	1	0	212388
11	TRANSPARENT ACRYLIC ORANGE PANEL	1	0	212390
12	TRANSPARENT ACRYLIC RED PANEL	1	0	212392
13	TRANSPARENT ACRYLIC YELLOW PANEL	1	0	212394
14	TRANSPARENT ACRYLIC GREEN PANEL	1	0	212396
15	TRANSPARENT ACRYLIC YELLOW PANEL	1	0	212398
16	3 1/2" DOME CAP	3	3	160181
17	EXTENSION ASS'Y	1	1	213301
18	HDPE SPACER	1	1	212695
	HARDWARE COMPLETE	1	0	212561
	HARDWARE COMPLETE	0	1	212562
	5/16" x 3/4" P.B.H.C.S. w/PATCH	51	0	812040*
	5/16" FLATWASHER (3/4" O.D.)	102	0	817404*
	5/16" LOCKNUT	51	0	804359*
	5/16" LOCK WASHER	51	0	817330*
	3/8" x 3/4" P.B.H.C.S. w/PATCH	36	36	812052*
	3/8" x 1" P.B.H.C.S. w/PATCH	2	2	812050*
	3/8" x 3 1/2" HEX HEAD BOLT	8	8	801013*
	3/8" BARREL NUT	33	33	804804*
	3/8" FLAT WASHER	33	33	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	11	11	817424*
	3/8" HEX NUT	8	8	804053*
	3/8" LOCK WASHER	46	46	817334*
	1/4-20 x 3/4" SS SELF DRILLING SCREW	6	6	810072*
	RUBBER WASHER	6	6	212597*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete. PAGE 3

Note: Loctite (supplied by others) should be used on any non-patch hardware.

INSTALLATION INSTRUCTIONS

NOTE: THIS INSTALLATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

NOTE: Assembly and leveling time will be greatly reduced if a transit is used to set location and depth of ground holes.

NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions

STEP 1: Locate and Dig required hole. (See Footing Detail.)

STEP 2: Attach the Hub Bearing and Finial to the Upright Weld Ass'y using Detail 569.

STEP 3: Attach Extension Weld Ass'y to Main Upright using Detail 592.

STEP 4: Attach Blades to the Hub Bearing using Detail 570.

STEP 5: With sufficient man power or mechanical assistance lift and place assembly in ground hole. Bracing will be necessary to hold in upright position.

STEP 6: Attach Pivot Shafts and Cables to Blades using Detail 571.

STEP 7: (6242 only) Attach Acrylic to Blades using Detail 464.

STEP 8: Tighten all nuts, bolts, etc.

NOTE: Loctite (supplied by others) should be used on all threaded hardware.

STEP 9: Check and make sure the upright is vertical and plumb. Make adjustments as required.

STEP 10: Pour concrete into footing. Allow 48 hours cure time before use.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- ☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- ☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ☐ Equipment should be placed to eliminate conflicting traffic patterns.
- ☐ To reduce risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off, filed smooth and treated to prevent corrosion. Sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ☐ Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- ☐ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- ☐ GameTime® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- ☐ Never add components not intended for use with this product.
- ☐ Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- ☐ Proper maintenance of GameTime® equipment requires regular tightening of all bolts, nuts, and set screws.
- ☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.
- ☐ Regular checking of all parts, castings, etc. should be made. If a part is broken or worn it should be replaced immediately.
- ☐ Never use GAMETIME playground equipment around or in conjunction with swimming pools, ponds, lakes or any other bodies of water.
- ☐ Check to be sure all fittings are tight and that the bars and pipes do not move.
- ☐ A soft resilient surface should be placed under all swings, extending at least six feet beyond the farthest arc of the swing seat both front and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

SPECIFICATIONS

MAIN UPRIGHT: Shall be constructed from 8-5/8" O.D. x .250" (Schedule 20) wall steel pipe, 5" O.D. x .180 (7 GAUGE) wall galvanized steel tubing, 1/4" H.R. flat steel, and 2-3/4" O.D. machined steel shaft. The Main Upright shall be an all welded assembly and shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication.

EXTENSION: Shall be an all welded assembly constructed from 2-3/8" O.D. x .134 (10 GAUGE) wall galvanized steel tubing and 1/4" thick H.R. steel Mounting Plate.

HUB BEARING: Shall be fabricated from 5-1/2" O.D. x .500" wall D.O.M. MEC. Tube, 2-3/8" O.D. x .154 (Schedule 40) wall galvanized steel tubing, 3/16" H.R. steel gussets, and 3/8" thick H.R. steel Mounting Plates. The Hub Bearing shall be an all welded assembly and shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication. Two bearings shall be press fit into the Hub Bearing weld assembly.

BLADE: Shall be constructed from 2-3/8" O.D. x .134 (10 GAUGE) wall galvanized steel tubing, 1-5/16" O.D. x .133" (10 gauge) wall galvanized steel tubing, 1/8" and 3/16" H.R. flat steel, 4" O.D. machined steel collar and 3/8" thick H.R. steel Mounting Plates. The Blade shall be an all welded assembly and shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication. Two bearings shall be press fit into the Blade weld assembly.

PIVOT SHAFT: Shall be constructed from 1/2" H.R. flat steel and 3-1/4" O.D. machined steel shaft. The Pivot Shaft shall be an all welded assembly and shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication.

COLORED ACRYLIC: Shall be made from 1/4" transparent acrylic.

ZIP SEAT: Shall be constructed out of 1/8" thick 3003-H14 Aluminum Alloy, with a coating of EPDM Black Polymer. Hardness: ASTM D2240 Shore A Points 61, Tensile ASTM D412 Min. Mpa 10.1, Elongation ASTM D412 Min% 697.

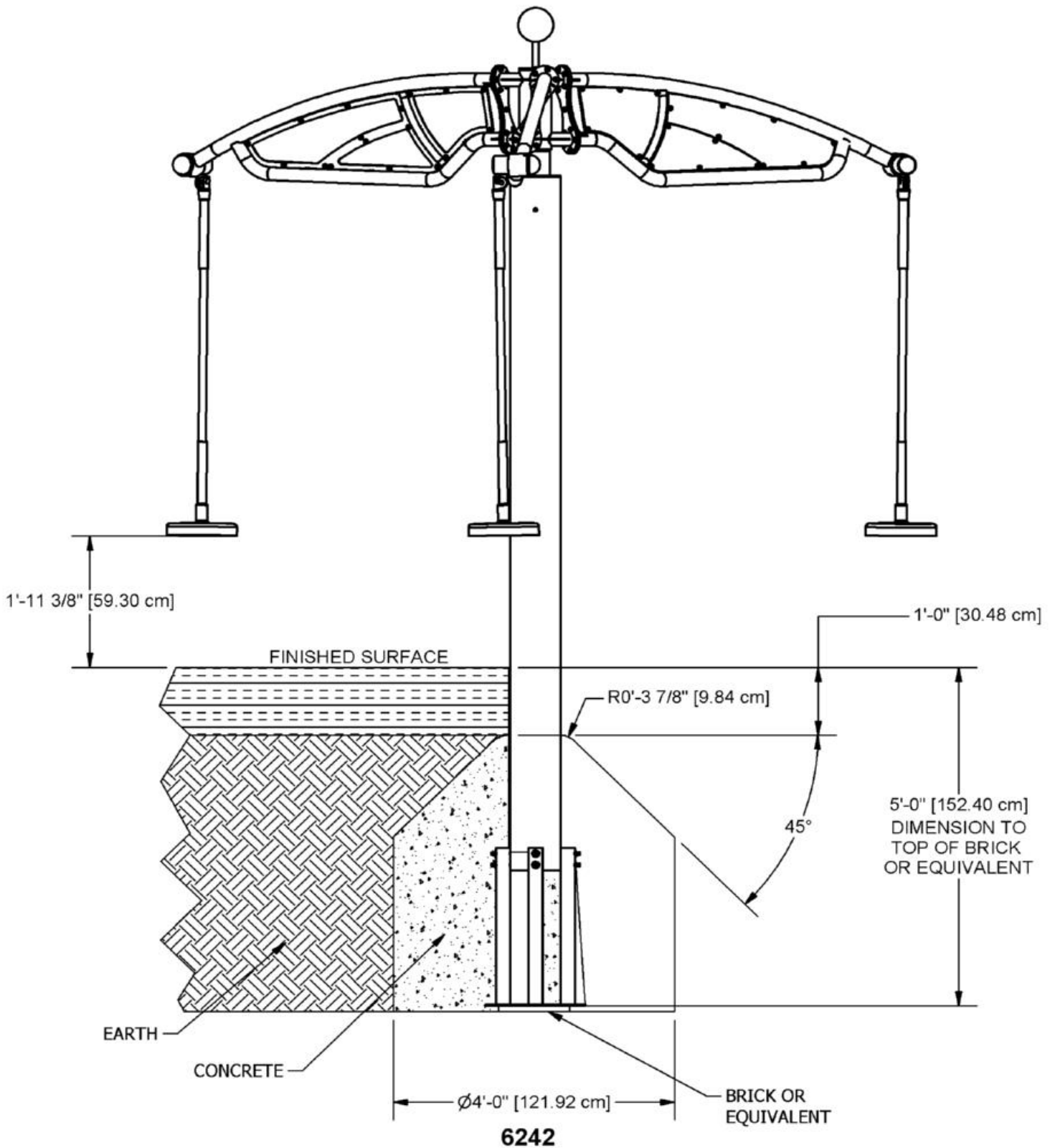
POWDER COAT FINISH: Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a four stage solvent / zirconium based bath system (free of iron phosphate), as a rust inhibitor, and a zirconium conversion coating to prevent flash rusting before coating. In addition, all welds shall be protectively coated with ZRP, a zinc rich primer that forms a rust-resistant barrier layer over each weld prior to application of the powder coating. The powder coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: Two coat process to achieve 3.0 - 5.0 mil thickness and oven cured between 350 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794- 69), Wedge Bend (ASTM D-522-68), Adhesion (Cross Hatch ASTM D-3359 & Knife Scratch ASTM D-2197), Environmental (Stain Resistance ASTM D-1308, Humidity ASTM D-2247 - 87, Salt Spray ASTM B-117 & Fadometer 300 hrs with no loss of gloss), Over-bake Stability 100% at 350 degrees Fahrenheit for 10 minutes.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing. NOTE: All weights are based on average comparisons of each part.

SPECIFICATIONS: GAMETIME © has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48 cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH BEFORE APPLYING SURFACING.

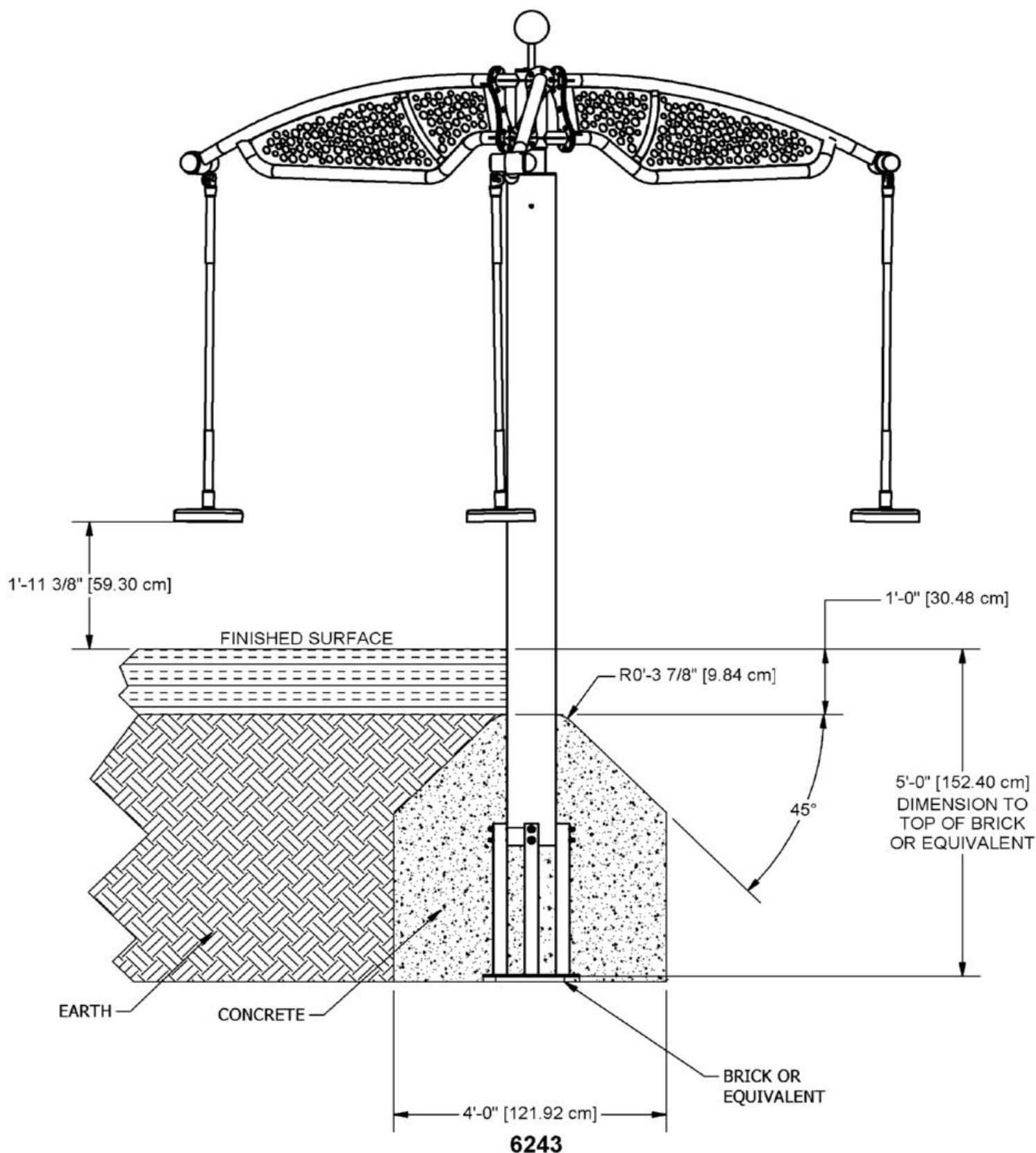
CONCRETE REQUIREMENTS:
SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI.
SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1.



FOOTING DETAIL

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48 cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH BEFORE APPLYING SURFACING.

CONCRETE REQUIREMENTS:
APROXIMATELY .79 CUBIC YARDS (.60 CUBIC METERS) OF CONCRETE REQUIRED. SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI. SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1.



FOOTING DETAIL

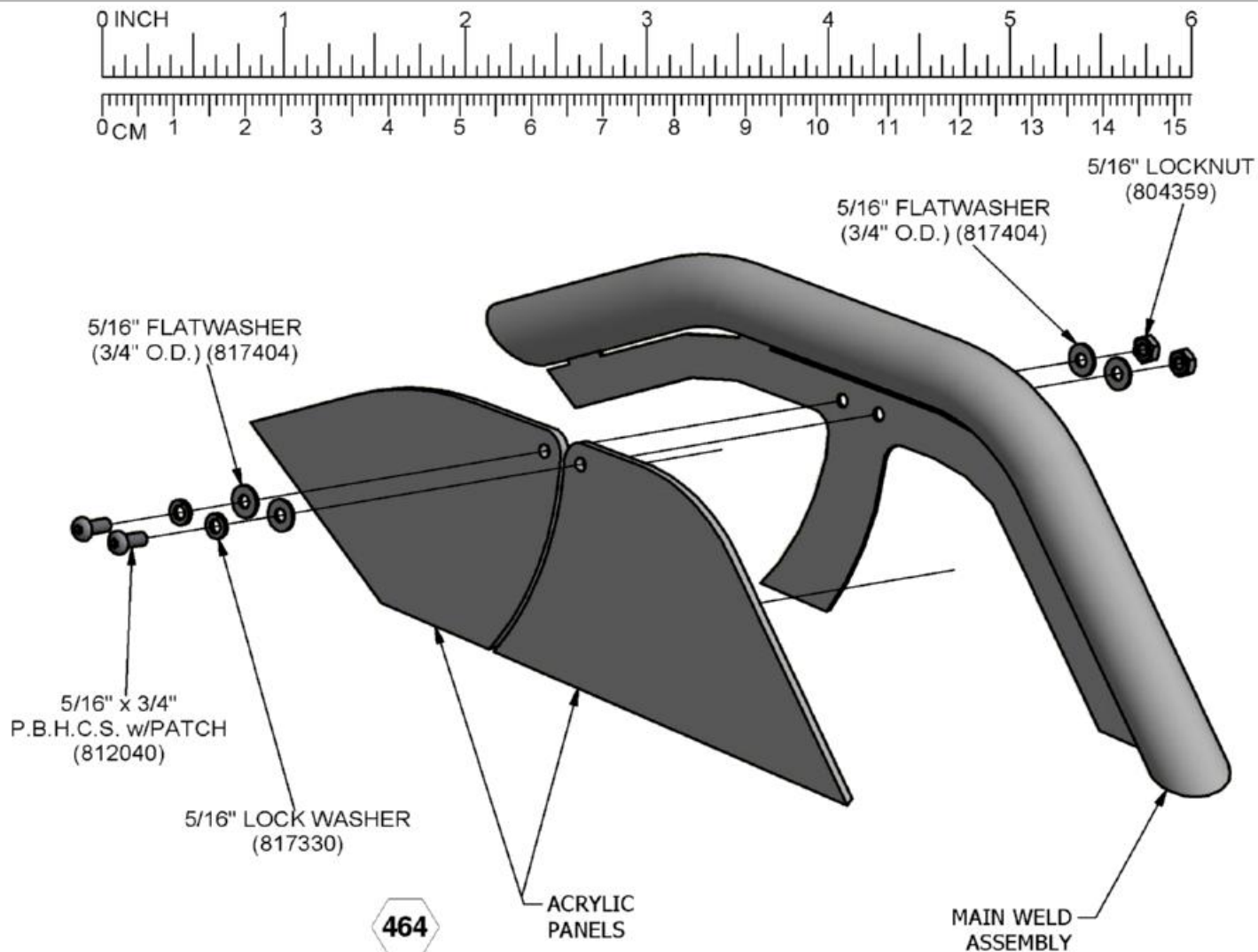
DETAILS -for- 6242 & 6243

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



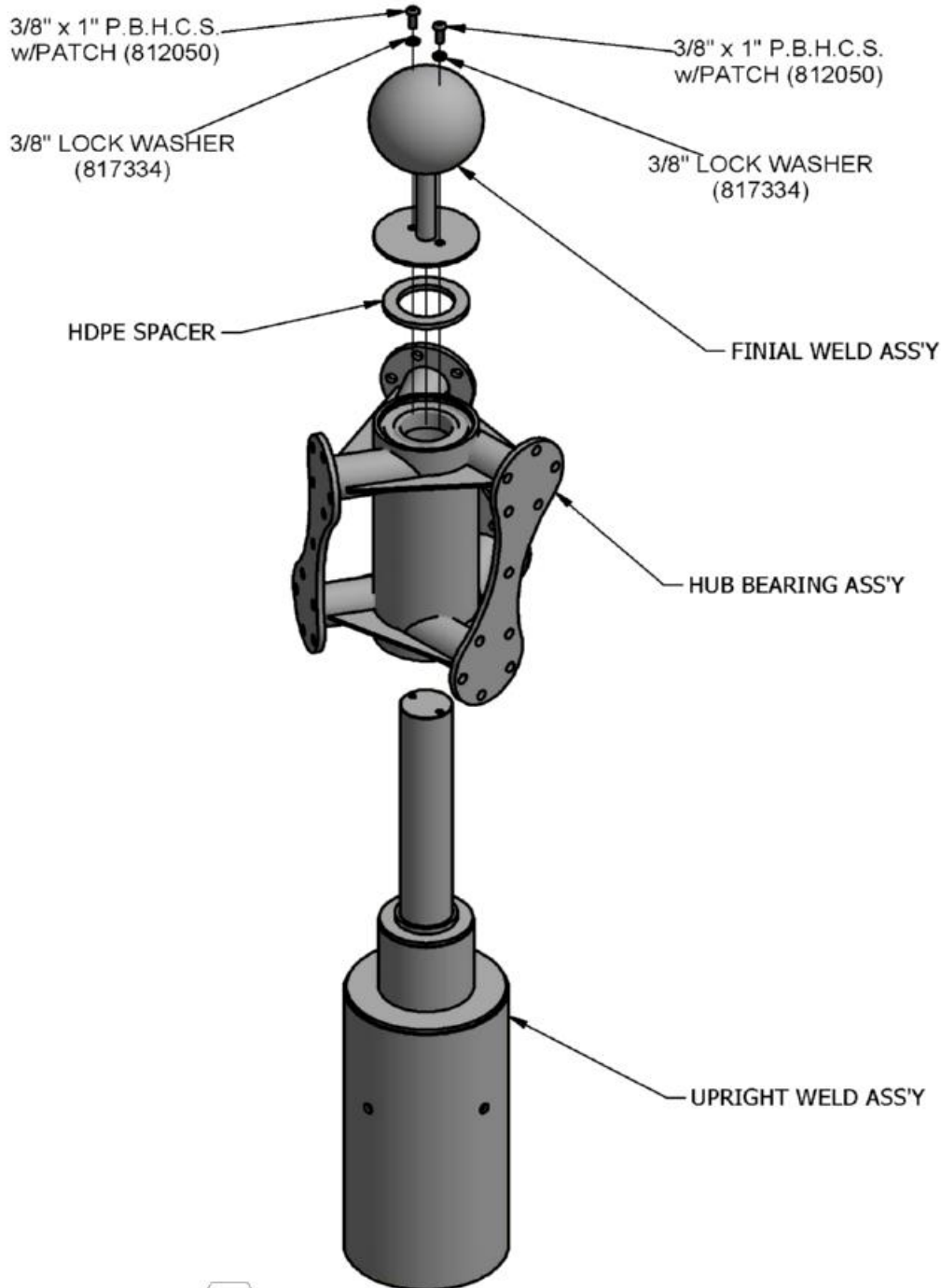
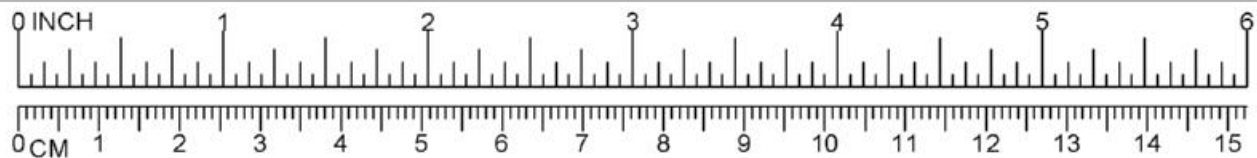
DETAILS -for- 6242 & 6243

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



569

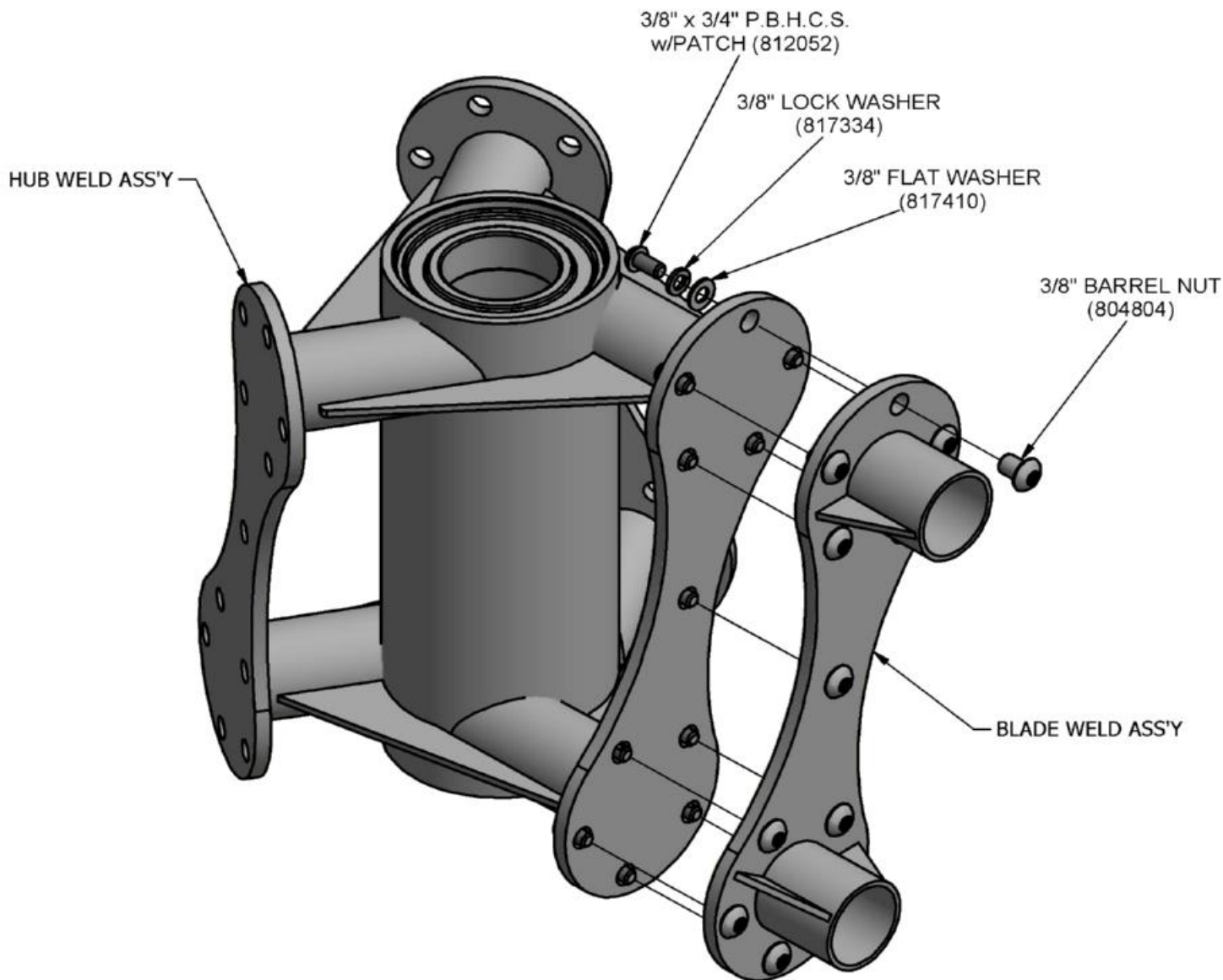
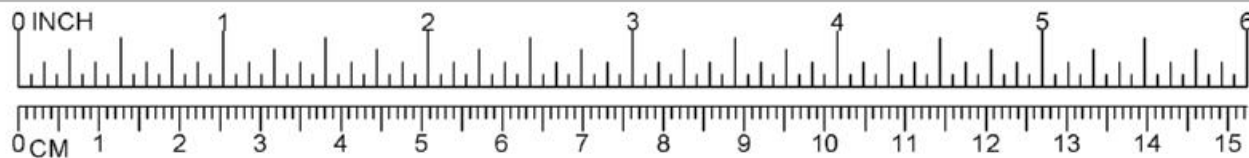
DETAILS -for- 6242 & 6243

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



570

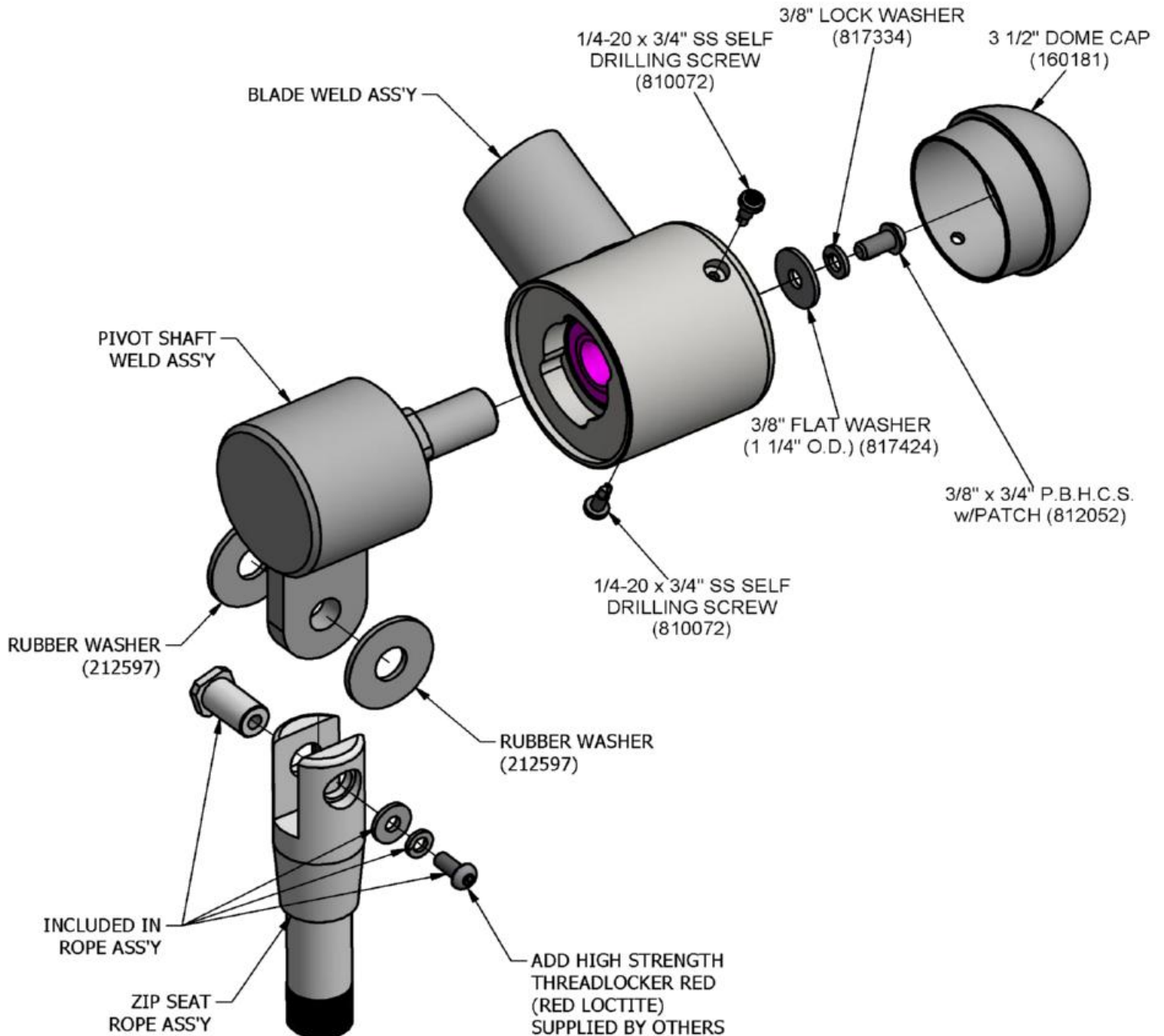
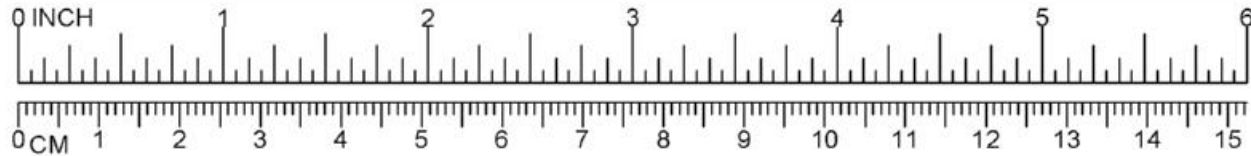
DETAILS -for- 6242 & 6243

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



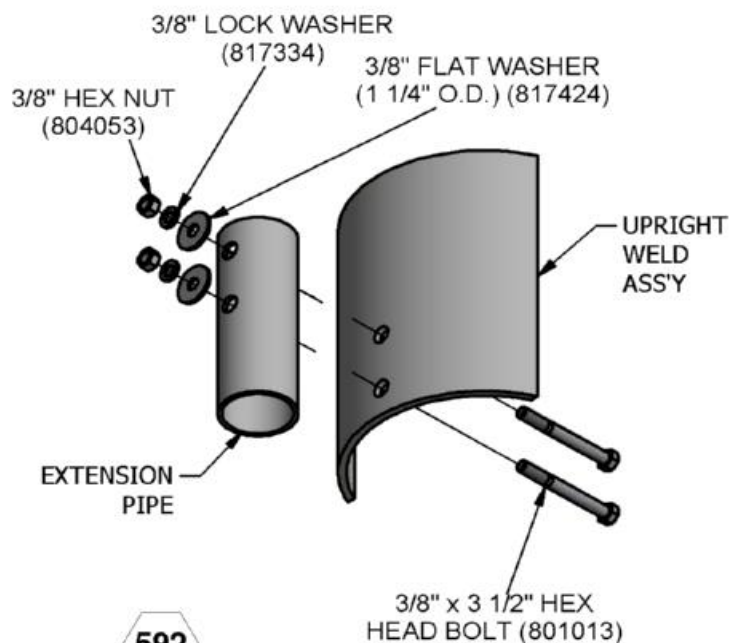
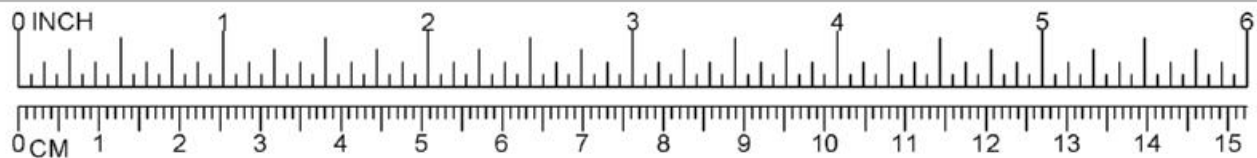
DETAILS -for- 6242 & 6243

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

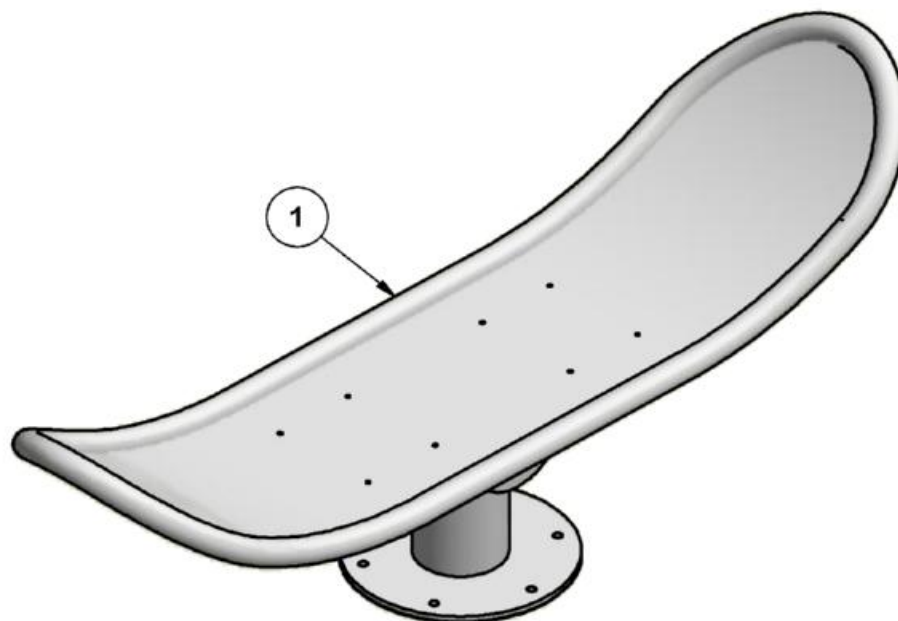
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



SURF BOARD

ISSUED/REVISED: 9/1/2022

-  = INSTALLATION
 = DETAIL
 = PARTS LIST
 = REFERENCE



Parts List			
REF	DESCRIPTION	QTY	PART NUMBER
1	SURF BOARD	1	218511

Unless Otherwise Specified, All Units of Measure are Each

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

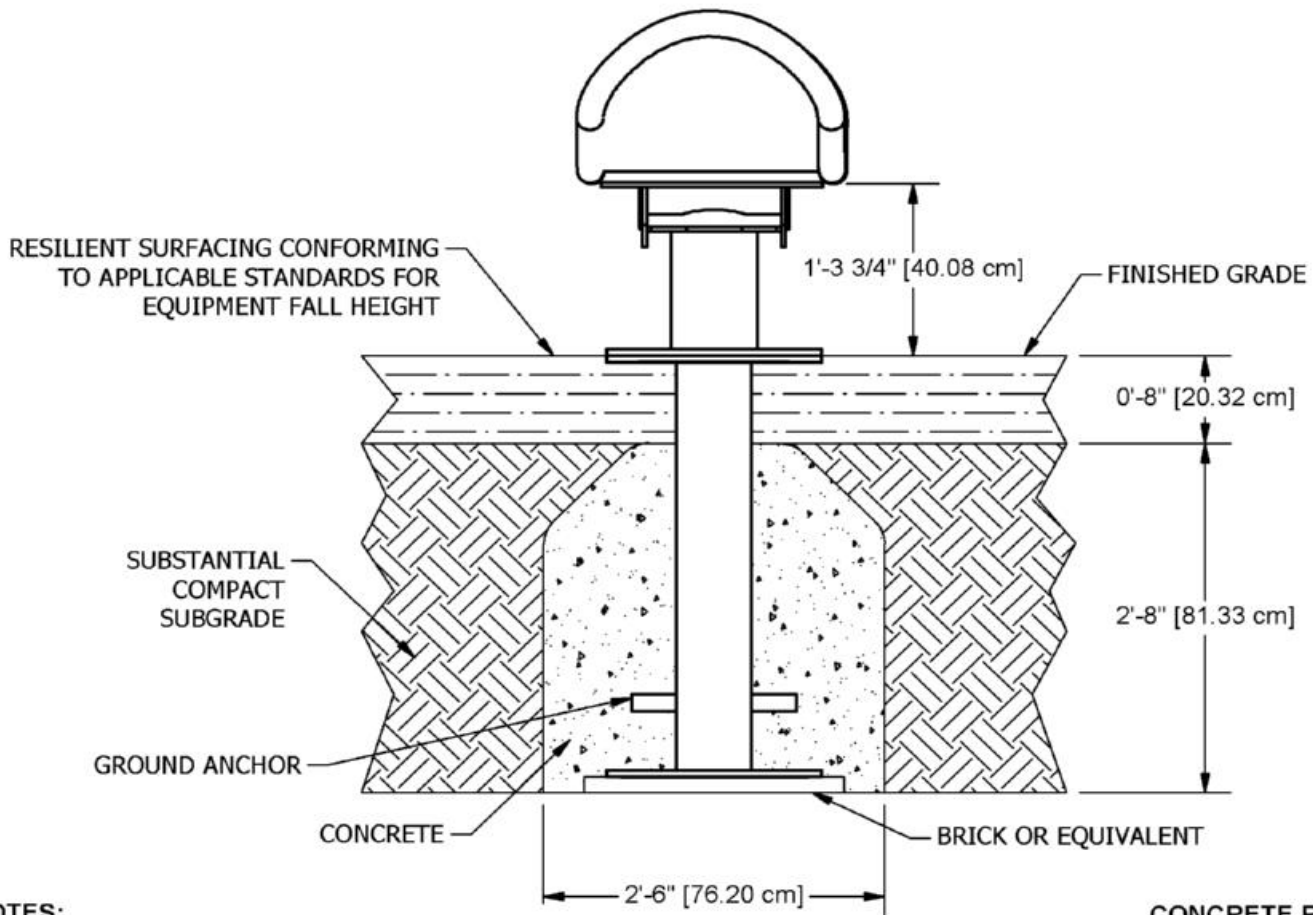
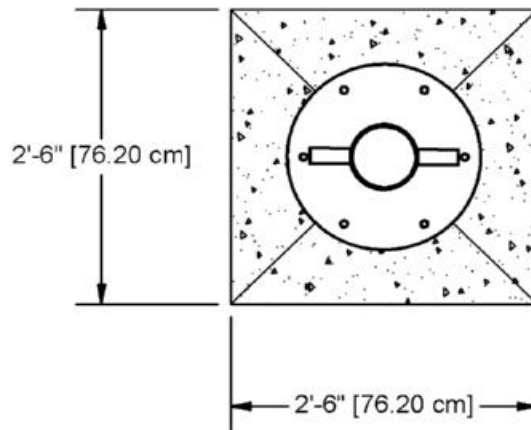
Note: Loctite (supplied by others) should be used on any non-patch hardware.

SPECIFICATIONS

SURF BOARD: The board is fabricated from a 3mm Steel sheet with 48.3mm X 3mm round tube welded around the board. A bearing cover is welded to the bottom of the board. The top of the board is finished with 15mm EDMP wet pour surfacing. All steel parts are Hot Dip Galvanised, and powder coated. Central Leg & Ground Anchor The board is attached to the central leg made from 193.7mm thick 5mm Tube with the bearing housing on top. The central leg attaches to a 168.3mm thick 5mm Tube for the ground anchor. All steel parts are Hot Dip Galvanised, and powder coated. Bearing The bearing is a concealed Rosta Unit.

CENTRAL LEG AND GROUND ANCHOR: The board is attached to the central leg made from 193.7mm thick 5mm Tube with the bearing housing on top. The central leg attaches to a 168.3mm thick 5mm Tube for the ground anchor. All steel parts are Hot Dip Galvanised, and powder coated

BEARING: The bearing is a concealed Rosta Unit.



NOTES:

-RESILIENT SURFACING AND SUBSTANTIAL COMPACTED SUBGRADE DEPTHS DEPEND ON SOIL CONDITIONS AND RESILIENT SURFACING TYPE.

-SLOPED FOOTING (45° MIN) IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY

-SUGGESTED MINIMUM CONCRETE RATING 3000 PSI.

CONCRETE REQUIRED:

.62 CUBIC YARDS
[.48 CUBIC METERS]

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 0'-8" [20.32cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

IN-GROUND MOUNT



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- ☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- ☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ☐ Equipment should be placed to eliminate conflicting traffic patterns.
- ☐ To reduce risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off, filed smooth and treated to prevent corrosion. Sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ☐ Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- ☐ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- ☐ GameTime® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- ☐ Never add components not intended for use with this product.
- ☐ Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- ☐ Proper maintenance of GameTime® equipment requires regular tightening of all bolts, nuts, and set screws.
- ☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.
- ☐ Regular checking of all parts, castings, etc. should be made. If a part is broken or worn it should be replaced immediately.
- ☐ Never use GAMETIME playground equipment around or in conjunction with swimming pools, ponds, lakes or any other bodies of water.
- ☐ Check to be sure all fittings are tight and that the bars and pipes do not move.
- ☐ A soft resilient surface should be placed under all swings, extending at least six feet beyond the farthest arc of the swing seat both front and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.



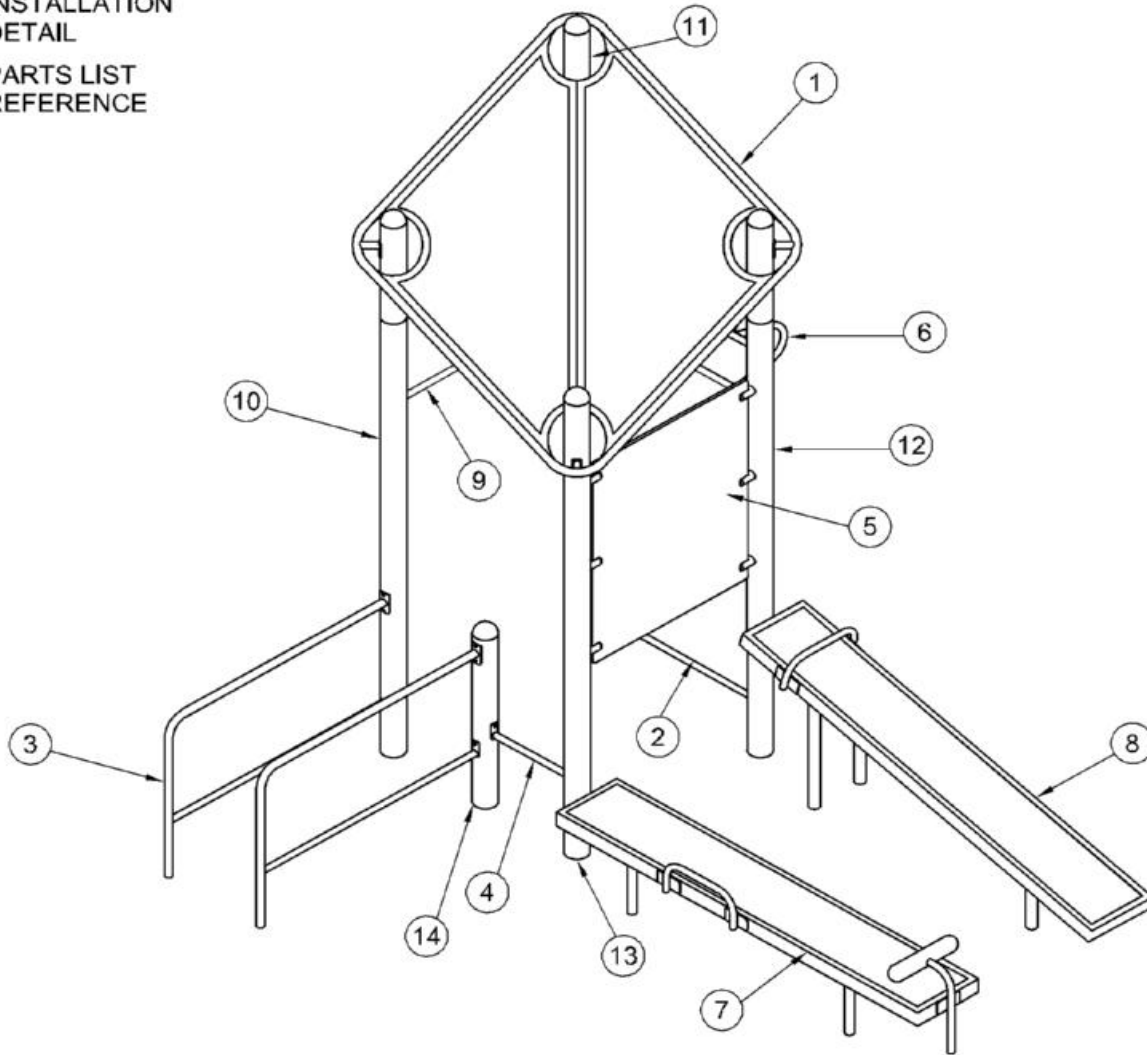
Enriching Childhood Through Play.

1-800-235-2440

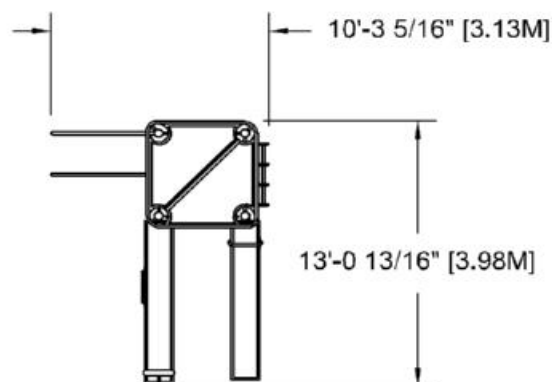
8645 ADULT FITNESS UNIT

ISSUED/REVISED: 1/14/20

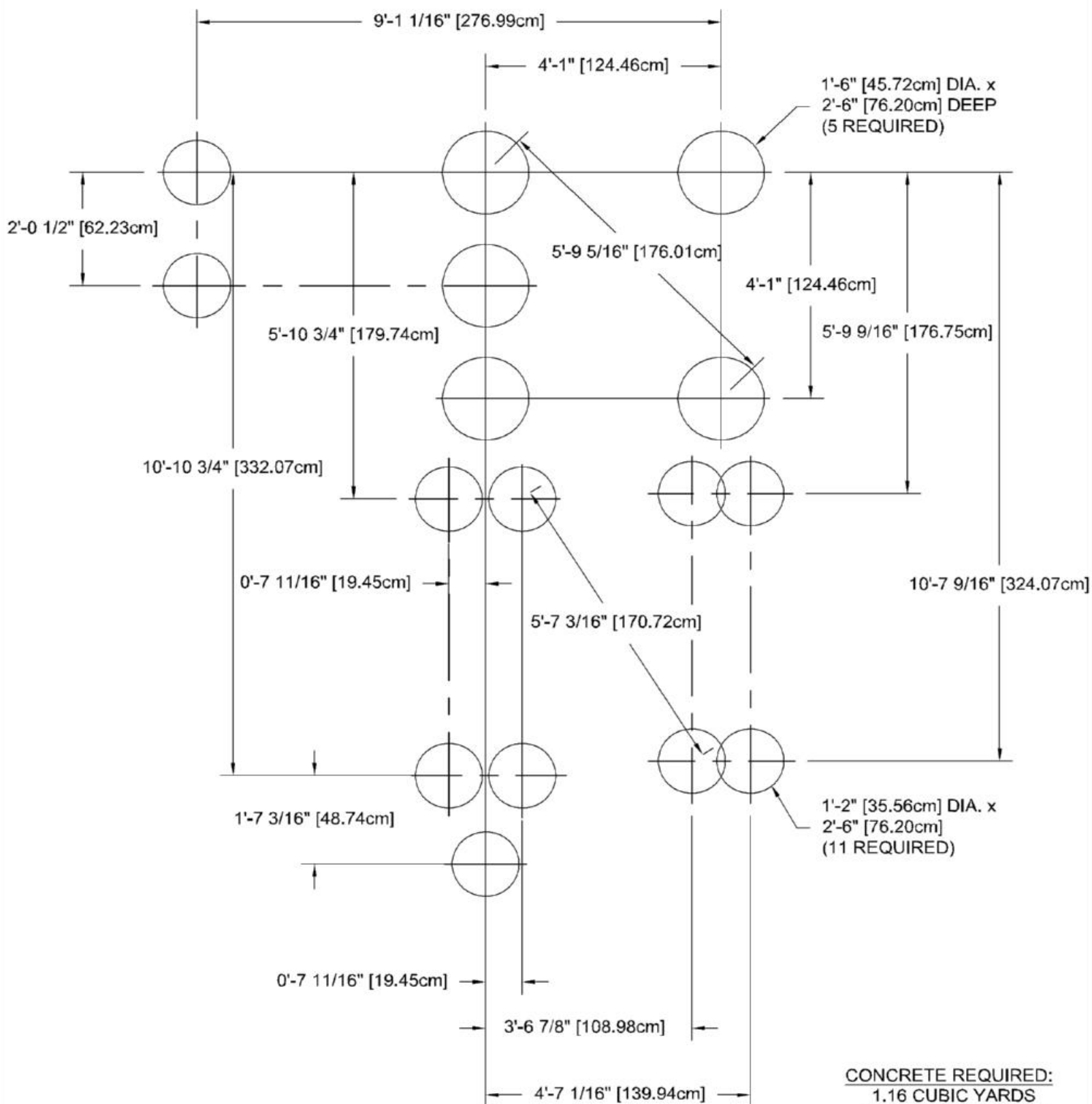
-  = INSTALLATION
DETAIL
-  = PARTS LIST
REFERENCE



ASSEMBLY DRAWING



TOP VIEW



CONCRETE REQUIRED:
 1.16 CUBIC YARDS
 [0.95 CUBIC METERS]

GROUND PLAN

COMPONENT LIST

REF NO.	DESCRIPTION	No. REQ'D	PART NUMBER
1	Diagonal Roof	1	**
2	Push-Up Bar	2	**
3	Parallel Bars	1	**
4	Push Up Bar	1	**
5	Fitness Sign	1	**
6	Offset Chinning Bar	1	**
7	Joint-Use Sit Up	1	**
8	Body Curl	1	**
9	Chinning Bar	1	**
10	5" Galv. Pipe w/o Cap 12'	1	LIH1MK
11	5" Galv. Pipe w/o Cap 12'	1	LIH1MJ
12	5" Galv. Pipe w/o Cap 12'	1	LE2544
13	5" Galv. Pipe w/Al Cap 12'	1	LE2545
14	5" Galv. Pipe w/Al Cap 6'6"	1	LE2546
	Panel Attachment TRU-LOCK	6	B03861
	Hardware Complete	1	179364
	3/8" x 1" B.H.C.S.	6	811050*
	3/8" Acorn Nut	6	804002*
	3/8" x 1 3/4" Hex Head Bolt	6	801006*
	3/8" x 1 1/4" B.H.C.S.	42	811051*
	3/8" Flatwasher	38	817410*
	3/8" Lockwasher	60	817334*
	3/8" Hex Nut	22	804053*
	Pop Rivet	9	140068*
	1/2" Anchor Rod	8	135038*
	3/16" x 13/32" Drive Rivet	10	805366*

Unless Otherwise Specified, All Units of Measure are Each

* Included in Hardware

**See individual component parts lists

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Loctite (supplied by others) should be used on all threaded hardware.

GENERAL INSTALLATION INSTRUCTIONS

READ the installation instructions thoroughly before starting assembly.

LAYOUT Refer to the Ground Plan provided herein and any applicable project site drawings.

HOLE depths indicated on all Ground Plans are measured from the top of the finished surface, after the addition of cushioning or ground cover. All footing dimensions are based on a level finished surface.

BE certain to maintain footing spacing as shown on the Ground Plan.

PLACE a brick or equivalent at the bottom of ground holes to provide a solid foundation for embedded posts. Allow for this in determining hole depth.

DUE to extremes in weather and soil conditions, ground hole sizes may have to be increased to meet local conditions. When increasing footing depth, maintain 2'-6" [76.20cm] embedment from the top of the finished surfacing to the bottom of all posts, rail supports and bench legs.

POUR concrete only after final assembly is complete. Bracing material may be required during assembly.

ASSEMBLY and leveling time will be greatly reduced if a transit is used to set location and depth of ground holes.

DO not tighten any nuts, bolts, rods, etc., until the apparatus is completely assembled. Use care not to overtighten bolts; to do so may cause buckling or dimpling of some parts.

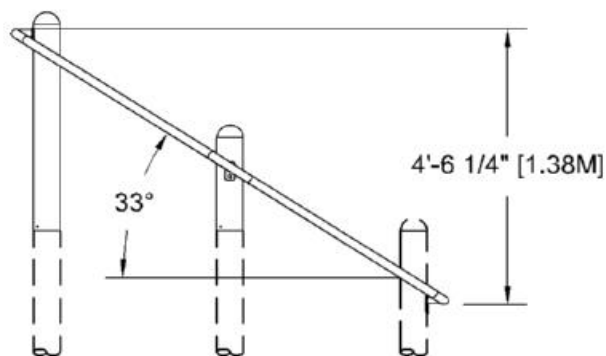
LEVEL and plumb the entire unit; tighten all nuts, bolts, etc. before pouring concrete.

POUR all ground holes with concrete to within 1'-0" [30.48cm] of finished surface. Slope top of concrete for proper drainage. See Detail 202. Sway bracing may be required during pouring of concrete.

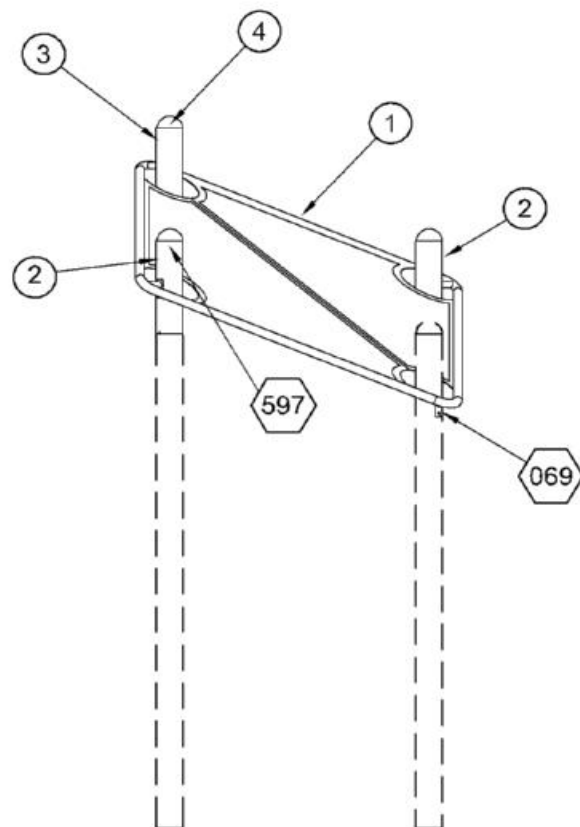
ALLOW concrete to harden a minimum of 48 hours before use of apparatus.

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed *INSTALLER INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the *ASSEMBLY DRAWING*. Refer to the assembly details for the specific hardware required in each connection.



ROOF ELEVATION VIEW



ASSEMBLY DRAWING

SPECIFICATIONS

Roof shall be fabricated from a punched steel insert welded to a 1 1/4" l.w. galvanized steel pipe frame in a powder coated assembly.

Extensions shall be fabricated from 5" O.D. aluminum tubing, and expanded to fit top of upright, and shall be powder coated.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment shall be stainless steel, yellow dichromate plated steel, blue coated plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9 percent pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320 percent longer life to white corrosion and 275 percent longer to red corrosion than does hot dip galvanizing.

SPECIFICATIONS: GAMETIME} has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

PARTS LIST

REF NO.	DESCRIPTION	No. REQ'D	PART NUMBER
1	Diagonal Roof Assembly	1	179313
2	Roof Extension, 22 1/2"	2	179323
3	Roof Extension, 45"	1	179321
4	Dome Cap	3	212993
	3/8"x1 1/4" P.B.H.C.S. w/Patch	4	811051*
	3/8" Lockwasher	4	817334*
	Pop Rivet	9	140068*
	Drive Rivet	6	805366*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware Complete Number*

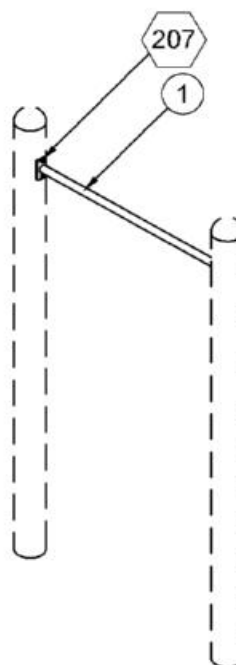
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Loctite (supplied by others) should be used on all threaded hardware.

CHINNING BAR ASSEMBLY

INSTALLATION INSTRUCTIONS

1. Dig ground holes per Ground Plan and Detail 069 per your application.
2. Attach rung between uprights.
3. Before assembling this equipment, read the enclosed *INSTALLER INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
4. Assemble parts as shown in the *ASSEMBLY DRAWING*. Refer to the assembly details for the specific hardware required in each connection.



ASSEMBLY DRAWING

SPECIFICATIONS

Chinning Bar shall be an all welded, powder coated assembly made from 1" l.w. galv. pipe attached to 1/4" thick steel tabs. Assembly shall be powder coated.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment shall be stainless steel, yellow dichromate plated steel, blue coated plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9 percent pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320 percent longer life to white corrosion and 275 percent longer to red corrosion than does hot dip galvanizing.

SPECIFICATIONS: GAMETIME} has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D	PART NUMBER
1	Chinning Bar Assembly	1	202569
	3/8" x 1 1/4" P.B.H.C.S. w/Patch	2	811051*
	3/8" Lockwasher	2	817334*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware Complete Number*

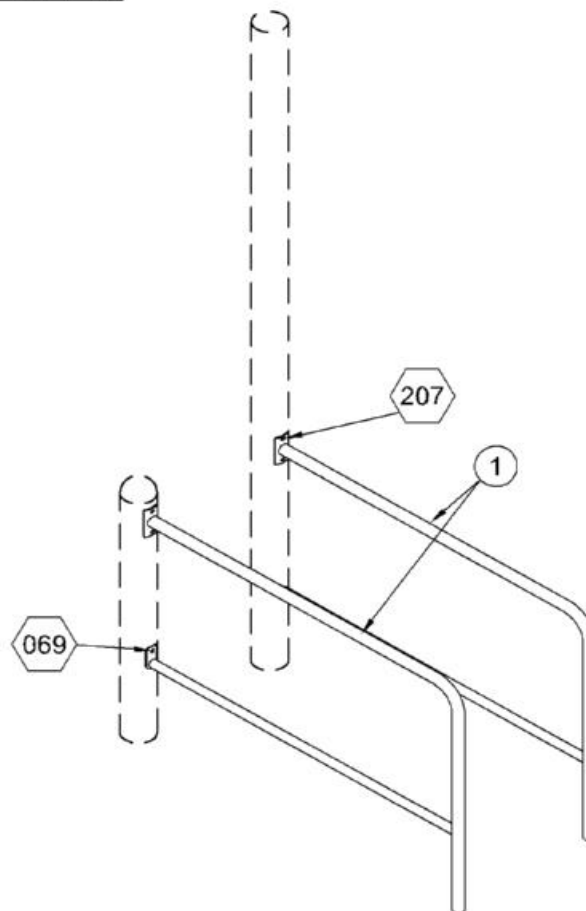
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Loctite (supplied by others) should be used on all threaded hardware.

PARALLEL BARS ASSEMBLY

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



ASSEMBLY DRAWING

SPECIFICATIONS

Parallel Bars shall be an all welded, powder coated assembly made from 1 1/2" I.W. galv. pipe with a 1 1/4" galv. pipe support bar. The assembly shall have formed 3/16" thk. stainless steel tabs.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment shall be stainless steel, yellow dichromate plated steel, blue coated plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9 percent pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320 percent longer life to white corrosion and 275 percent longer to red corrosion than does hot dip galvanizing.

SPECIFICATIONS: GAMETIME} has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

PARTS LIST

REF NO.	DESCRIPTION	No. REQ'D	PART NUMBER
1	Parallel Bar	2	179302
	3/8" X 1 1/4" B.H.C.S.	6	811051*
	3/8" Lockwasher	6	817334*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware Complete Number*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Loctite (supplied by others) should be used on all threaded hardware.

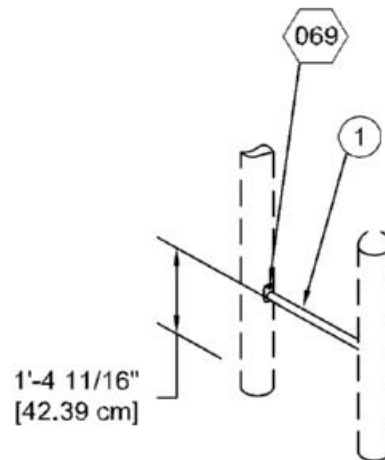
PUSH UP BAR ASSEMBLY

INSTALLATION INSTRUCTIONS

1. Dig ground hole per Ground Plan.
2. Attach rung between uprights.
3. Before assembling this equipment, read the enclosed *INSTALLER*

INSTRUCTIONS in the installation booklet; follow all the instructions during installation.

4. Assemble parts as shown in the *ASSEMBLY DRAWING*. Refer to the assembly details for the specific hardware required in each connection.



ASSEMBLY DRAWING

SPECIFICATIONS

Push-Up Bar shall be an all welded assembly, made from 1" l.w. galv. pipe with 3/16" stainless steel tabs. Assembly shall be powder coated.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment shall be stainless steel, yellow dichromate plated steel, blue coated plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9 percent pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320 percent longer life to white corrosion and 275 percent longer to red corrosion than does hot dip galvanizing.

SPECIFICATIONS: GAMETIME) has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

PARTS LIST

REF NO.	DESCRIPTION	No. REQ'D	PART NUMBER
1	Push-Up Bar Assembly	1	179306
2	Push-Up Bar Assembly	1	165794
	3/8" x 1-1/4" P.B.H.C.S. w/PATCH	2	811051*
	3/8" Lockwasher	2	817334*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware Complete Number*

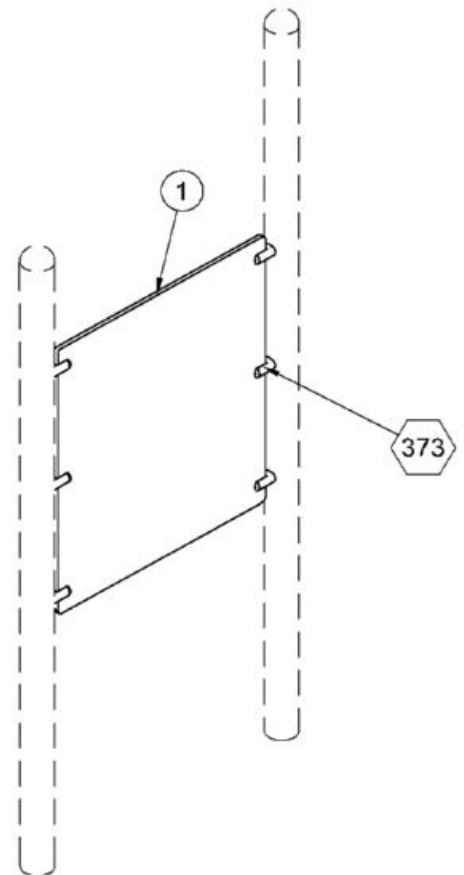
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Loctite (supplied by others) should be used on all threaded hardware.

FITNESS SIGN ASSEMBLY

INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



ASSEMBLY DRAWING

SPECIFICATIONS

Fitness Sign shall be 1/4" thk fiberglass-reinforced plastic with graphics.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment shall be stainless steel, yellow dichromate plated steel, blue coated plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9 percent pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320 percent longer life to white corrosion and 275 percent longer to red corrosion than does hot dip galvanizing.

SPECIFICATIONS: GAMETIME) has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D	PART NUMBER
1	Fitness Sign Panel	1	214671
	Panel Attachment TRU-LOCK	6	B03861
	3/8" x 1" P.B.H.C.S. W/Patch	6	811050*
	3/8" Lockwasher	18	817334*
	3/8" Acorn Nut	6	804002*
	3/8" Flatwasher	6	817410*
	3/8" x 1 3/4" Hex Head Bolt	6	801006*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware Complete Number*

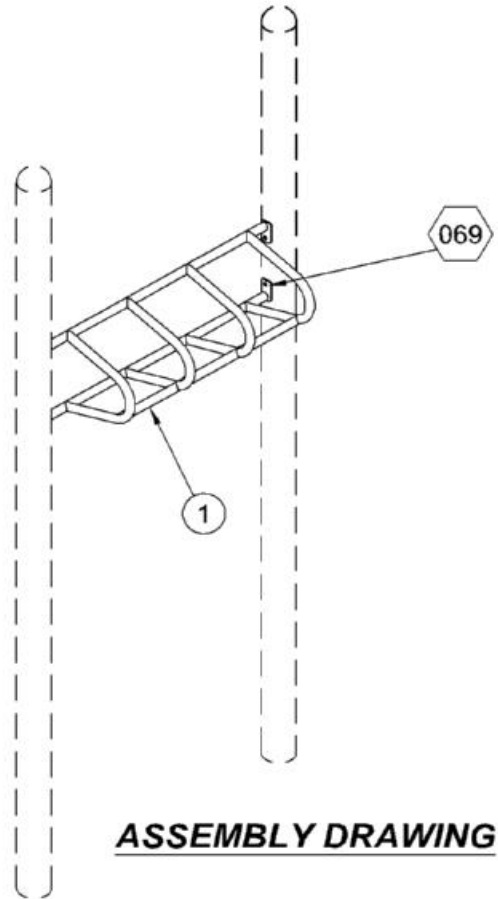
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Loctite (supplied by others) should be used on all threaded hardware.

OFFSET CHINNING BAR **ASSEMBLY**

INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



ASSEMBLY DRAWING

SPECIFICATIONS

Offset Chinning Bar shall be an all welded assembly consisting of a 1" l.w. galv. pipe frame attached to 3/16" thk stainless steel tabs. Assembly shall be powder coated.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment shall be stainless steel, yellow dichromate plated steel, blue coated plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9 percent pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320 percent longer life to white corrosion and 275 percent longer to red corrosion than does hot dip galvanizing.

SPECIFICATIONS: GAMETIME} has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D	PART NUMBER
1	Offset Chinning Bar Assembly	1	179309
	3/8" x 1 1/4" P.B.H.C.S. W/Patch	4	811051*
	3/8" Lockwasher	4	817334*

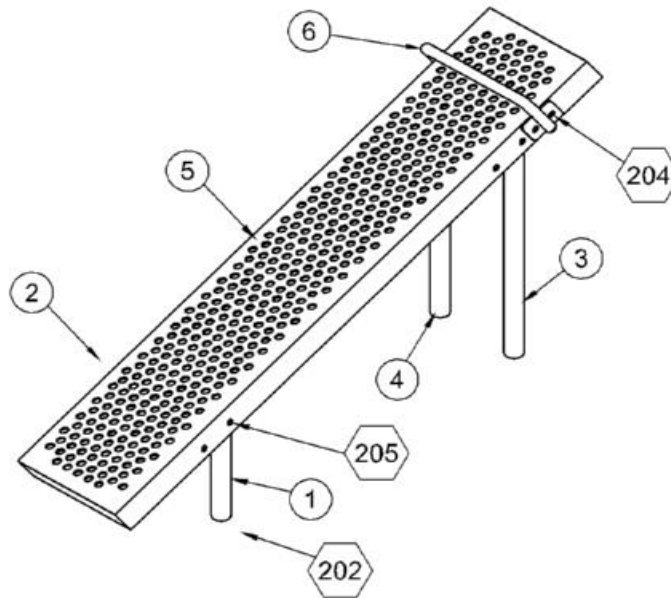
Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware Complete Number*

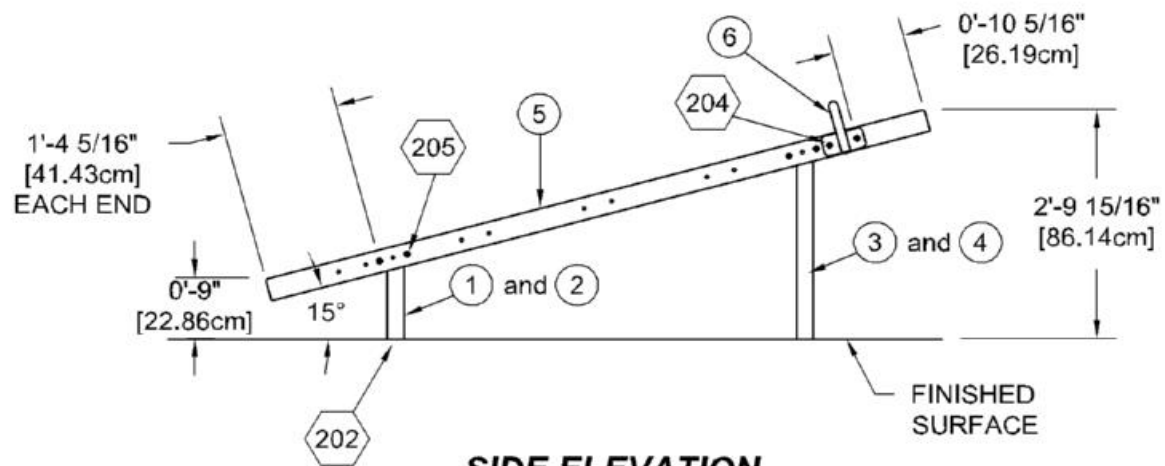
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Loctite (supplied by others) should be used on all threaded hardware.

BODY CURL **ASSEMBLY**



ASSEMBLY DRAWING



SIDE ELEVATION

INSTALLATION INSTRUCTIONS

- 1.) Before starting assembly, review the General Installation Instructions at the beginning of this Installation Guide and the Typical Assembly Details in the back.
- 2.) Determine proper location for Body Curl Bench. Refer to Equipment Layout Plan provided and any applicable project site drawings.
- 3.) Dig footings for bench supports. Maintain footing spacing, size and depth as indicated on the ground plan. Refer to Detail 202. Allow for depth of desired Finished Surface.
- 4.) Attach four support legs to the bench. Refer to Detail 205.
- 5.) Attach handrail assembly to the bench. Refer to Detail 204.
- 6.) Position assembled bench in footings; align, plumb, and brace bench in place. Pour concrete as shown on Detail 202. Be sure to hold top of concrete footing 0'-6" [15.24cm] down from the Finished Surface. Slope top of concrete for proper drainage.
- 7.) Allow concrete a minimum of 48 hours to cure and harden before using bench.

SPECIFICATIONS

LEG ASSEMBLIES: Shall be an all-welded construction fabricated of 2-3/8" O.D. standard galvanized pipe, 3/16" x 6" H.R. flat steel formed plate and 3/16" x 1-1/2" H.R. flat steel gusset.

BENCH ASSEMBLY: Shall be fabricated of punched steel metal with a plastisol coating.

HANDRAIL ASSEMBLY: Shall be an all-welded construction fabricated of 1-5/16" O.D. galvanized formed handrail, 3/16" x 3" H.R. flat steel handrail plate, and galvanized pipe cap.

FINISH: Leg and Handrail assemblies shall all have a powder coat finish.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

PARTS LIST

REF. NO.	DESCRIPTION	No. REQ'D	PART NUMBER
1	Right Hand Short Leg Ass'y.	1	147894
2	Left Hand Short Leg Ass'y.	1	147892
3	Right Hand Long Leg Ass'y.	1	147897
4	Left Hand Long Leg Ass'y.	1	147899
5	Punched Steel Bench Ass'y.	1	160188
6	Handrail Ass'y.	1	147886
	1/2" Anchor Rod (1'-0" [30.48cm])	4	135038*
	3/8" x 1 1/4" P.B.H.C.S. w/ Patch	12	811051*
	3/8" Flatwasher	12	817410*
	3/8" Lockwasher	12	817334*
	3/8" Hex Nut	12	804053*

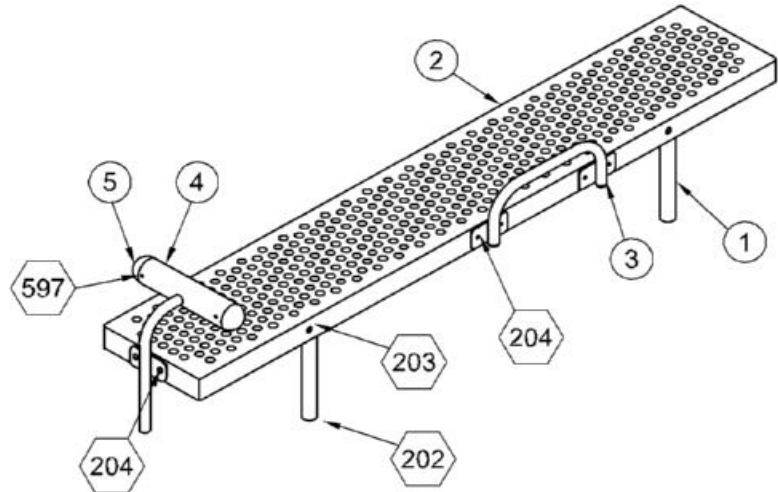
Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware Complete Number*

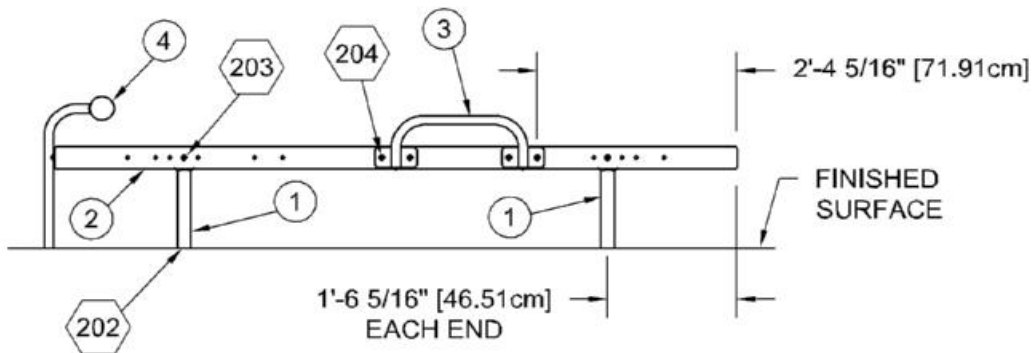
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Loctite (supplied by others) should be used on all threaded hardware.

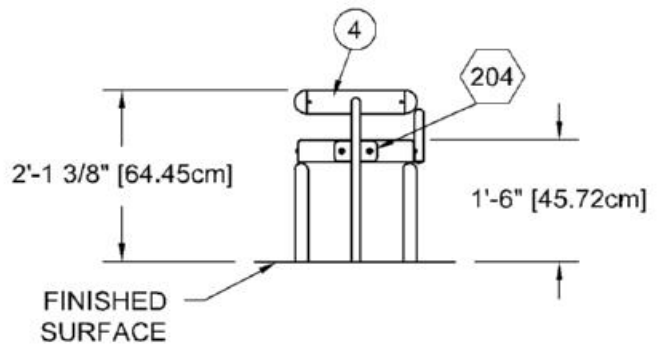
JOINT USE SIT-UP
ASSEMBLY



ASSEMBLY DRAWING



SIDE ELEVATION



END ELEVATION

INSTALLATION INSTRUCTIONS

- 1.) Before starting assembly, review the General Installation Instructions at the beginning of this Installation Guide and the Typical Assembly Details in the back.
- 2.) Determine proper location for Joint-Use Sit-Up Bench. Refer to Equipment Layout Plan provided and any applicable project site drawings.
- 3.) Dig footings for bench supports. Maintain footing spacing, size and depth as indicated on the ground plan. Refer to Detail 202. Allow for depth of desired Finished Surface.
- 4.) Attach four legs to the bench. Refer to Detail 203.
- 5.) Attach handrail assembly to bench. See to Detail 204.
- 6.) Attach footrail assembly to bench. See Detail 204.
- 7.) Attach caps to footrail using Detail 597.
- 8.) Position assembled bench in footings; align, plumb, and brace bench in place. Pour concrete as shown on Detail 202. Be sure to hold top of concrete footing 0'-6" [15.24cm] down from the Finished Surface. Slope top of concrete for proper drainage.
- 9.) Allow concrete a minimum of 48 hours to cure and harden before using bench.

SPECIFICATIONS

BENCH LEG: Shall be made of 1-7/8" O.D. galvanized pipe.

BENCH ASSEMBLY: Shall be fabricated of punched steel metal with a plastisol coating.

FOOTRAIL ASSEMBLY: Shall be an all-welded construction fabricated of 3-1/2" O.D. (13 gauge) galvanized pipe, 1-5/16" O.D. galvanized pipe, 3/16" x 3" H.R. flat steel, and galvanized pipe cap. Final assembly shall also include cast aluminum caps and self-sealing pop rivets.

FINISH: The Bench Legs, Footrail Assembly and Handrail Assembly shall all have a powder coat finish.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

PARTS LIST

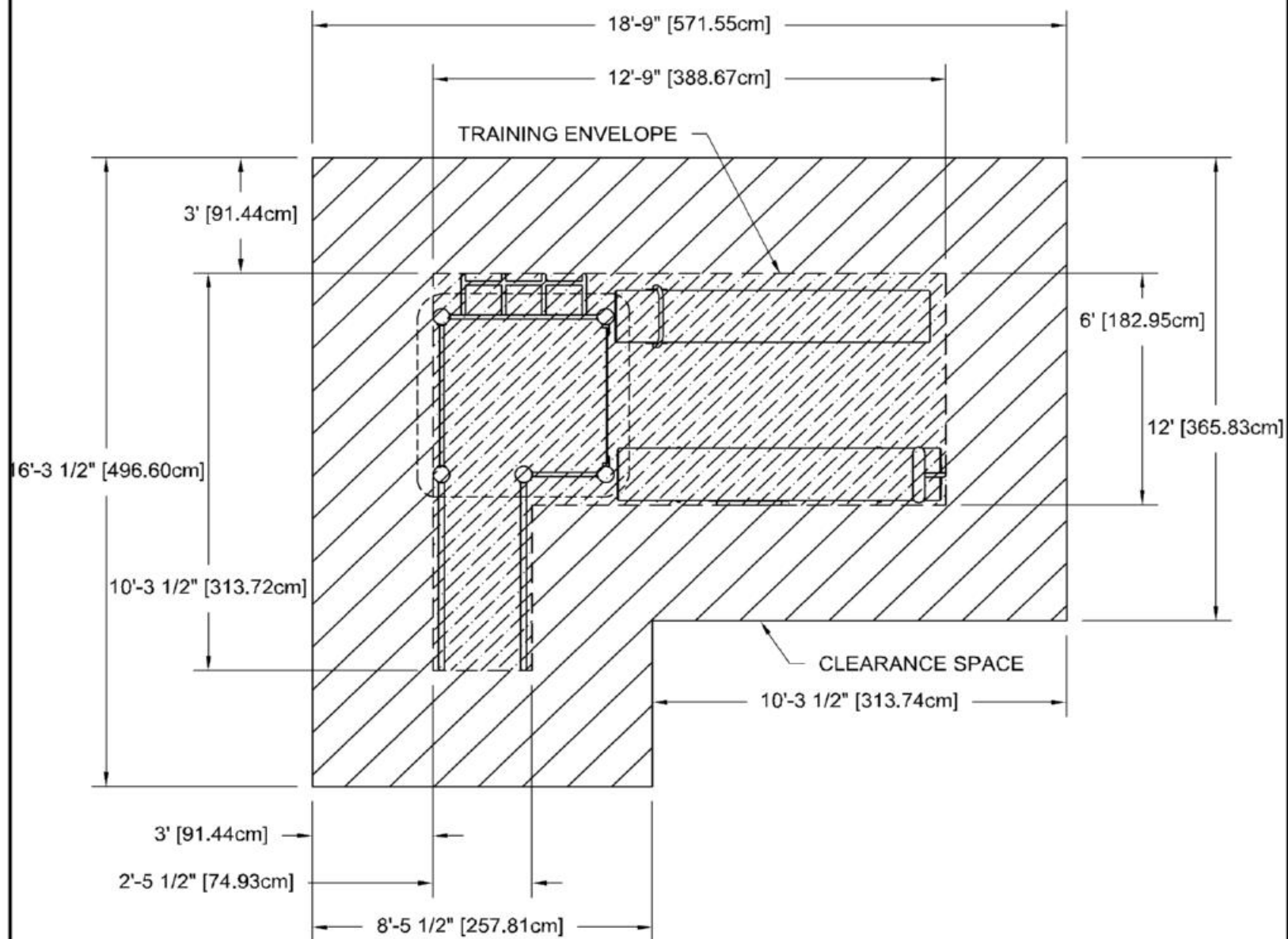
REF. NO.	DESCRIPTION	No. REQ'D	PART NUMBER
1	Bench Leg (3'-11 1/2" [120.65cm])	4	147862
2	Punched Steel Bench Ass'y.	1	160188
3	Handrail Ass'y.	1	147872
4	Footrail Ass'y.	1	176089
5	Dome Cap	1	212995
	1/2" Anchor Rod (1'-0" [30.48cm])	4	135038*
	3/8" x 1 1/4" P.B.H.C.S. w/ Patch	10	811051*
	3/8" Flatwasher	10	817410*
	3/8" Lockwasher	10	817334*
	3/8" Hex Nut	10	804053*
	3/16" x 13/32" Drive Rivet	4	805366*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware Complete Number*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Loctite (supplied by others) should be used on all threaded hardware.



TRAINING ENVELOPE/CLEARANCE SPACE

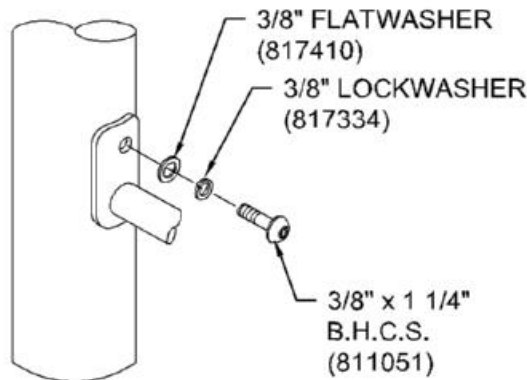
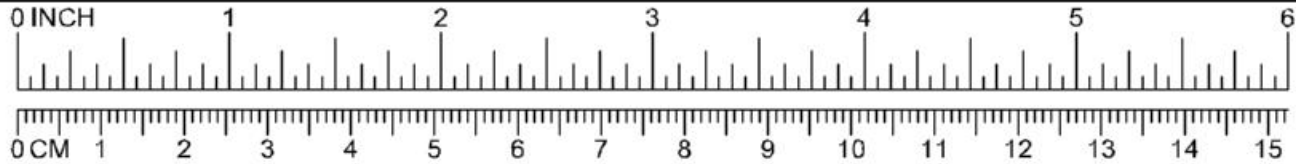
NOTE: OWNER/OPERATOR SHALL KEEP THE TRAINING ENVELOPE AND CLEARANCE SPACE OF THE OUTDOOR FITNESS EQUIPMENT FREE FROM EXTRANEIOUS MATERIALS THAT COULD CAUSE INJURY, INFECTION, OR DISEASE.

DETAILS -TOP- 8645

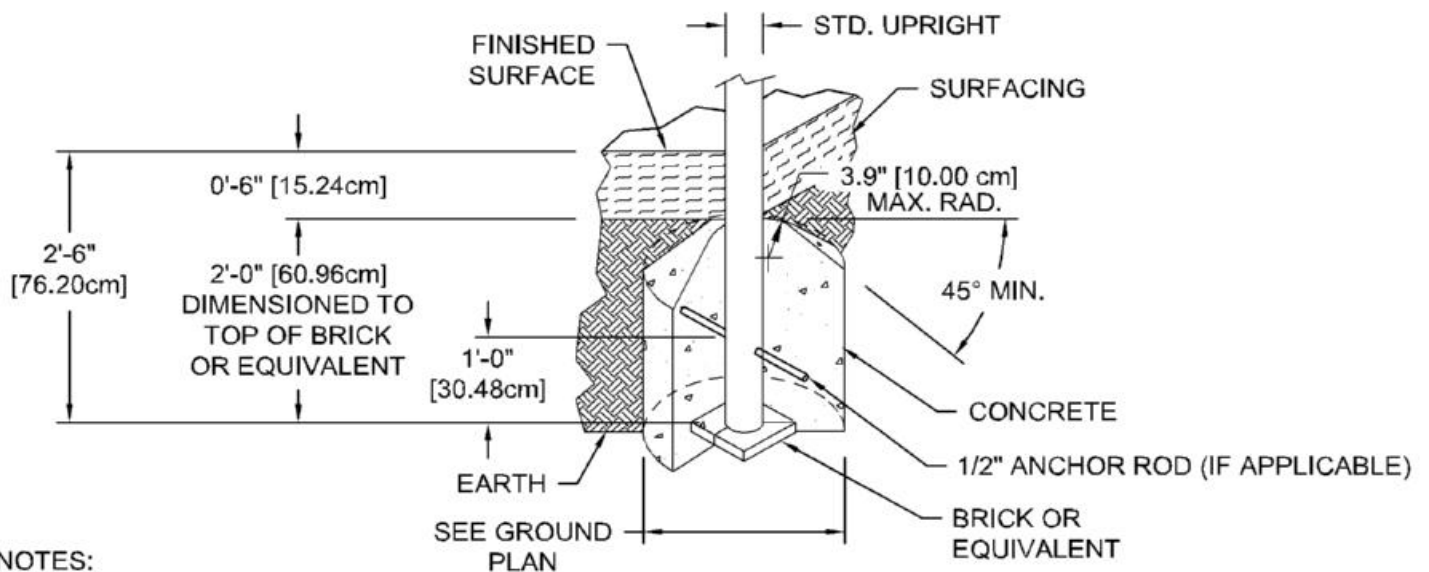
IMPORTANT

To Reduce the Risk of Clothing Entanglement in Compliance with ASTM F1487, Any Bolt End Protruding More Than Two Full Threads Beyond the Face of the Nut Shall Be Cut-Off Flush, Filed Smooth and Treated to Prevent Corrosion.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



069



NOTES:

- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

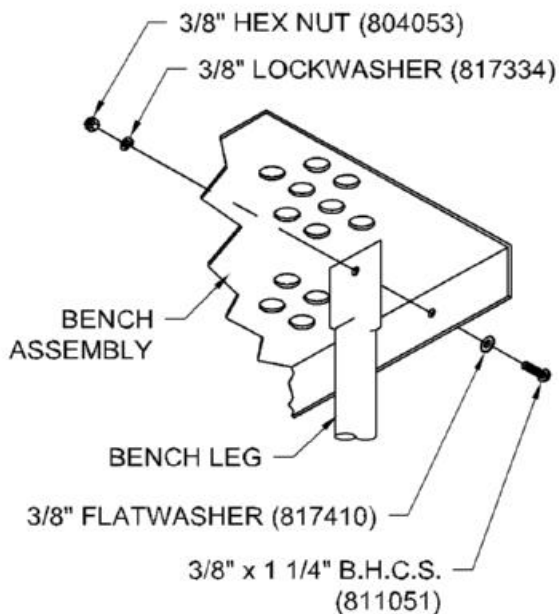
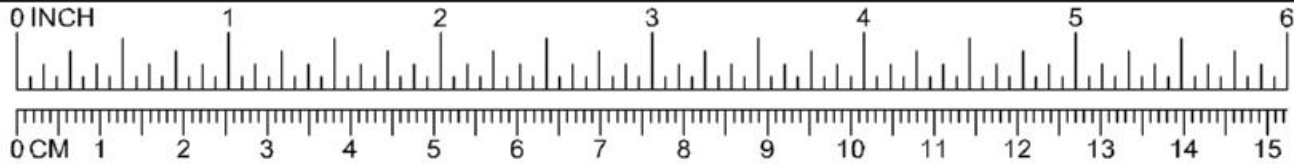
202

DETAILS -for- 8645

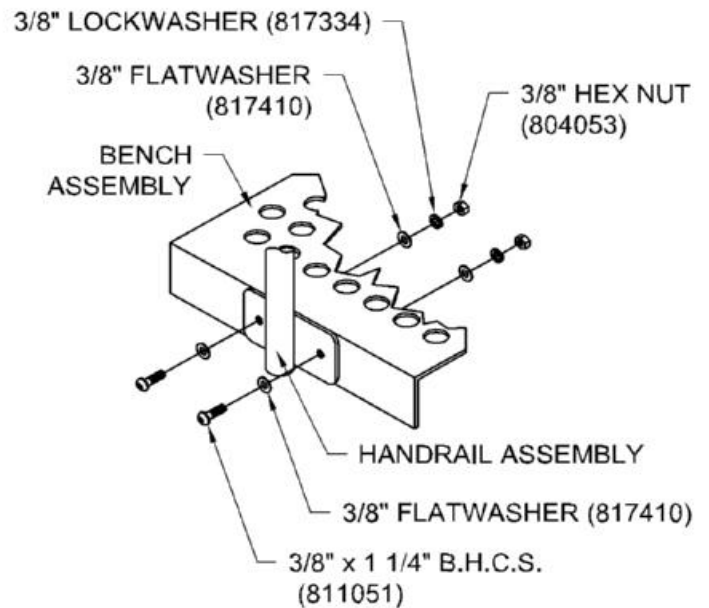
IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

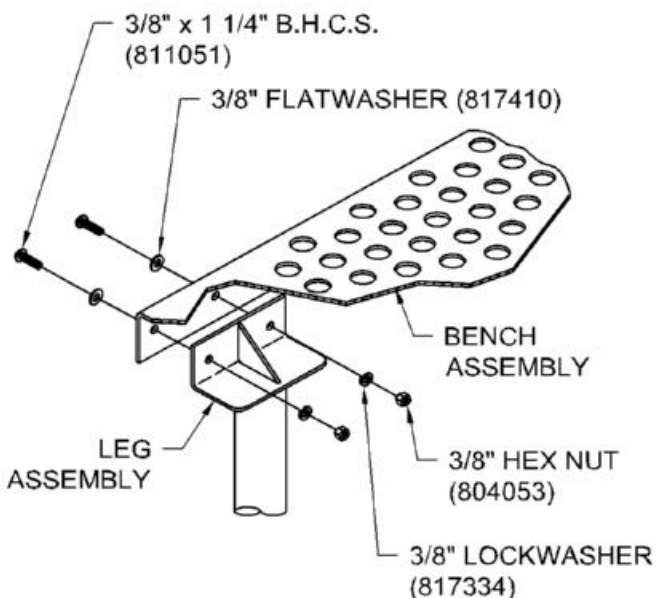
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



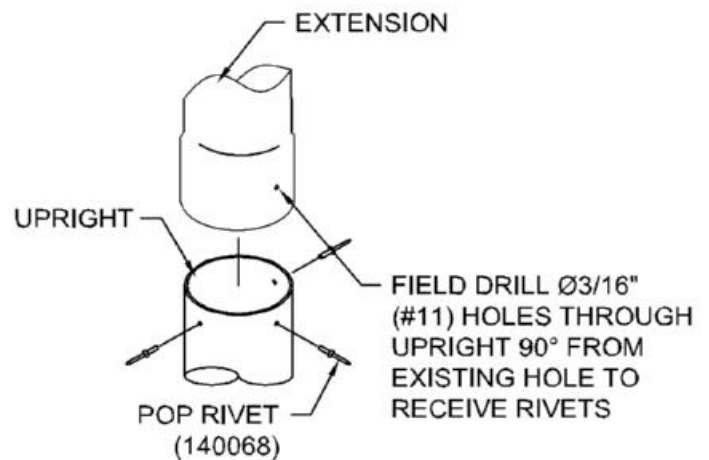
203



204



205



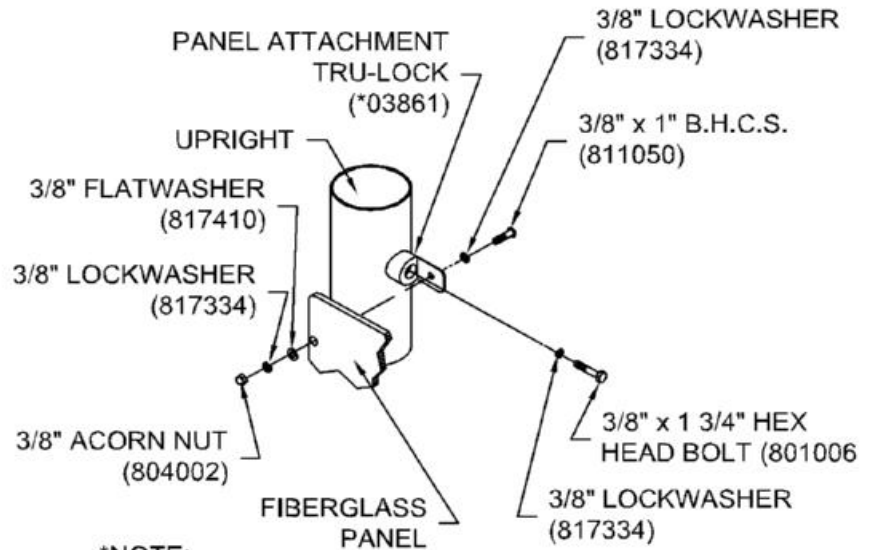
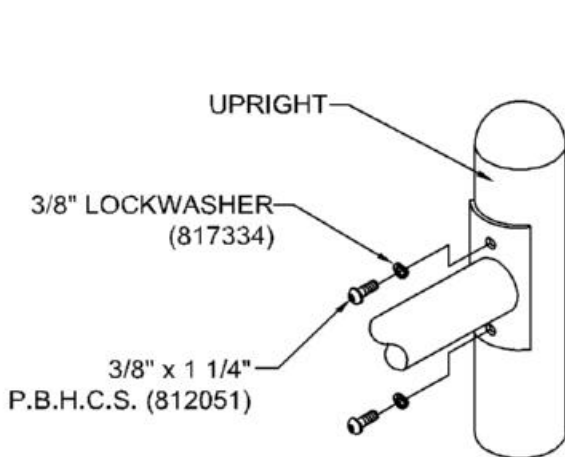
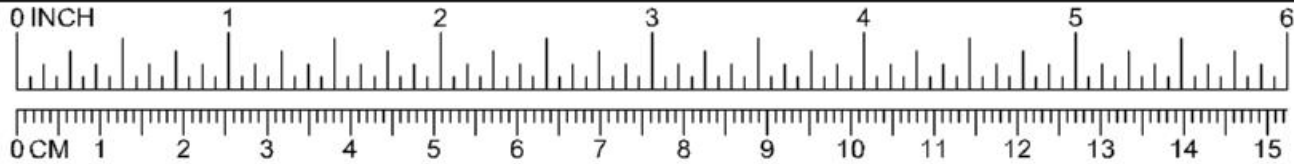
206

DETAILS -for- 8645

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.

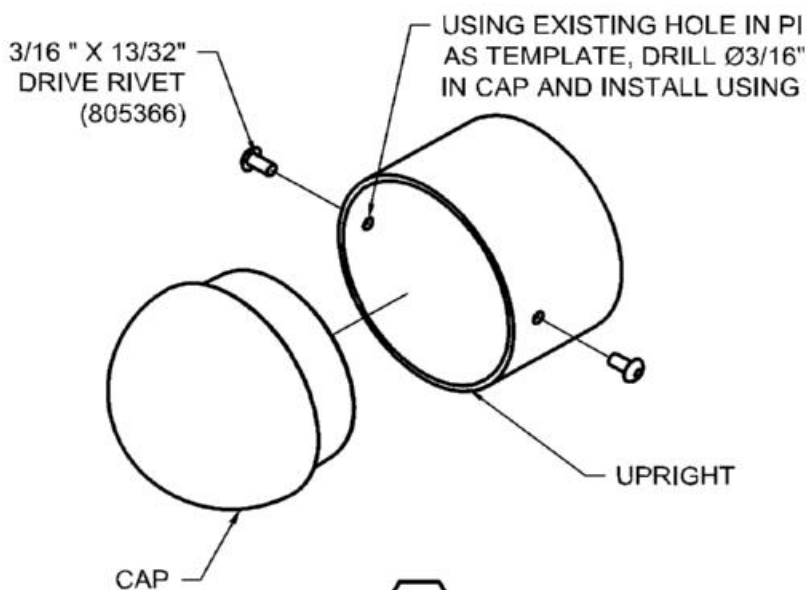


*NOTE:
HEX BOLTS SHOULD
BE TORQUED
FROM 20-25 FT. LBS.
FOR PROPER
INSTALLATION.

373

(* = B,T,W,G,or K)

207

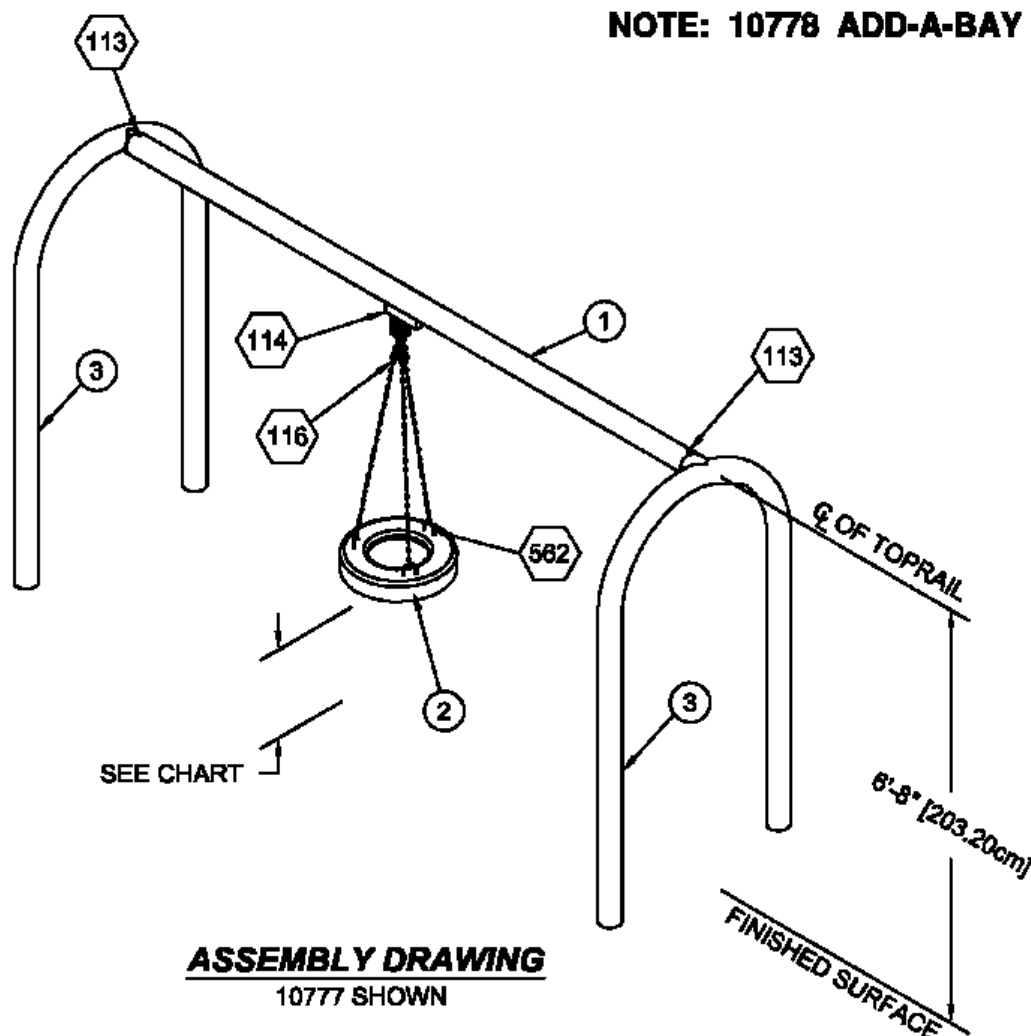


597

-  = INSTALLATION
DETAIL
 = PARTS LIST
REFERENCE



NOTE: 10778 ADD-A-BAY



ASSEMBLY DRAWING
10777 SHOWN

**NOTE: REGULAR MAINTENANCE
REQUIRES LUBRICATION OF SWIVEL
ASSEMBLY WITH STANDARD
AUTOMOTIVE GREASE. A GREASE
FITTING IS INCLUDED IN THE
SWIVEL ASSEMBLY FOR THIS
PURPOSE. IN AREAS OF HIGH USE,
LUBRICATION INTERVALS SHOULD
BE INCREASED ACCORDINGLY.**

DIMENSION FROM UNDERSIDE OF SEAT TO PROTECTIVE SURFACING		
STANDARD	MIN.	MAX.
*CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	400mm [15.75"]	N/A
CPSC	12" [305mm]	N/A

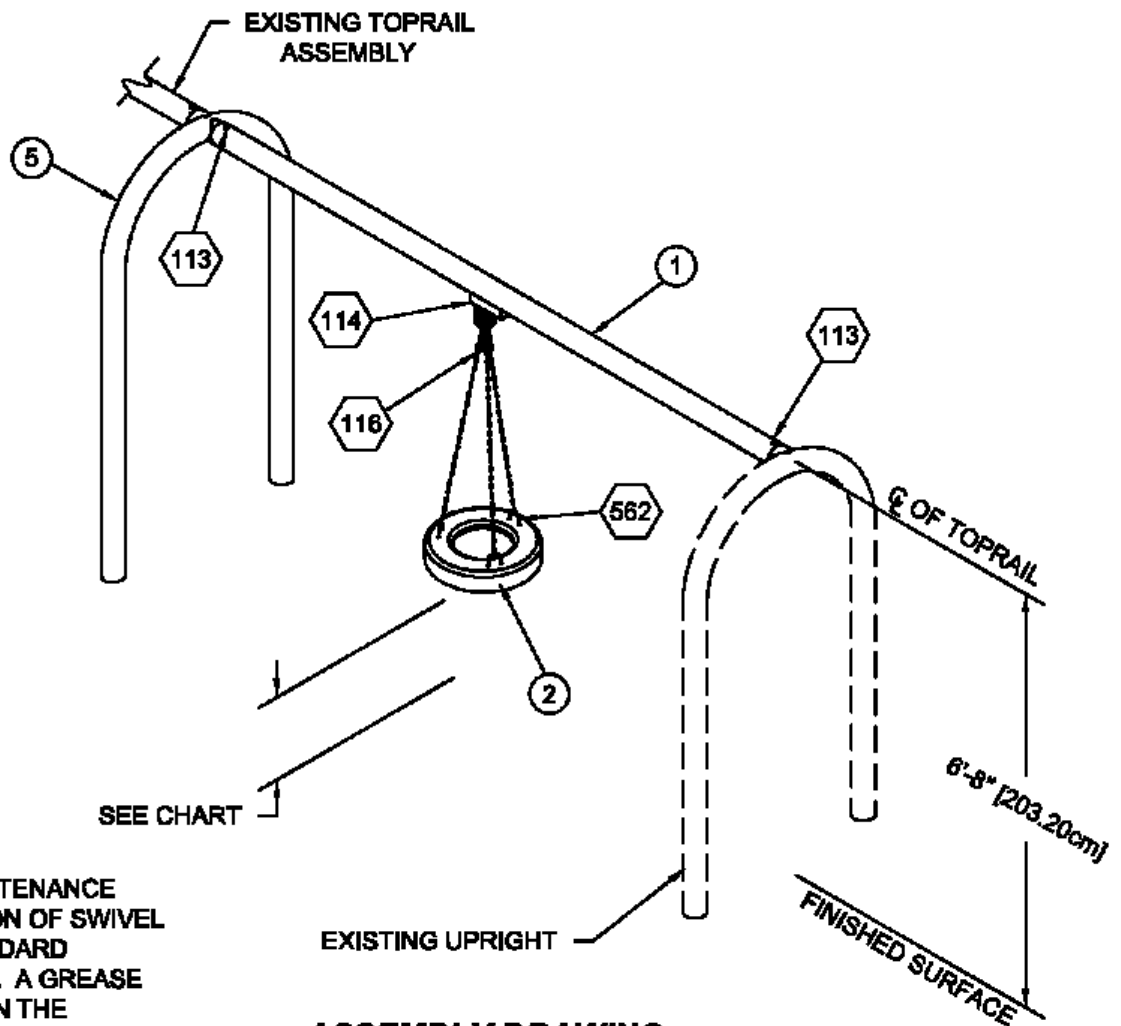
INSTALLATION INSTRUCTIONS

STEP 1: Before assembling this equipment, read the enclosed *Installer Instructions* in the Installation booklet; follow all the instructions during installation.

STEP 2: Assemble parts as shown in the *Assembly Drawing*. Refer to the assembly details for the specific hardware required in each connection.

STEP 3: Loctite (supplied by others) should be used on all threaded hardware.

* UNDER LOADED CONDITION BASED ON WEIGHT OF 165lb. [75kg.]



NOTE: REGULAR MAINTENANCE
REQUIRES LUBRICATION OF SWIVEL
ASSEMBLY WITH STANDARD
AUTOMOTIVE GREASE. A GREASE
FITTING IS INCLUDED IN THE
SWIVEL ASSEMBLY FOR THIS
PURPOSE. IN AREAS OF HIGH USE,
LUBRICATION INTERVALS SHOULD
BE INCREASED ACCORDINGLY.

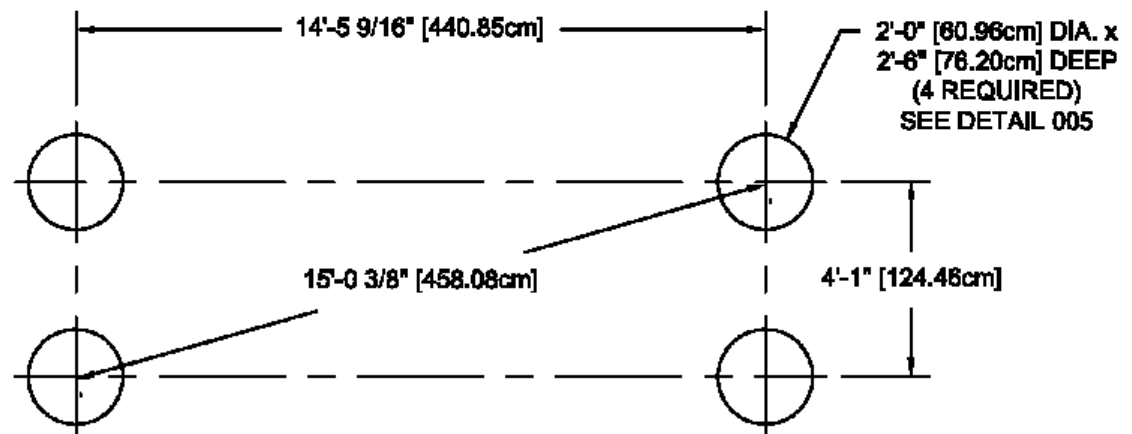
ASSEMBLY DRAWING 10778 SHOWN

PARTS LIST

REF. NO.	DESCRIPTION	NO. REQ'D		PART NUMBER
		10777	10778	
1	Toprail Ass'y.	1	1	140364
2	Plastic Tire	1	1	300196
3	Arch Uprights	2	0	140434
4	Tire Ring Frame	1	1	304005
5	Add-A-Bay Arch Upright	0	1	140492
	Hardware Complete	1	1	156872
	Chain	3	3	176318*
	"U" Bolt	3	3	803441*
	3/8" 'S' Hook	3	3	1*
	3/8" Lockwasher	3	3	817334*
	Bracket	3	3	303633*
	3/8" Lock-Nut	6	6	804353*
	Swing Swivel	1	1	159194*
	1/2" x 1-1/4" B.H.C.S. w/ Patch	2	2	811062*
	1/2" Lockwasher	6	6	817342*
	1/2" Hex Nut	4	4	804055*
	1/2" x 5-1/2" B.H.C.S.	2	2	811071*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards
For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed.
Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment
And Dispose/Save Them In A Secure Location.**

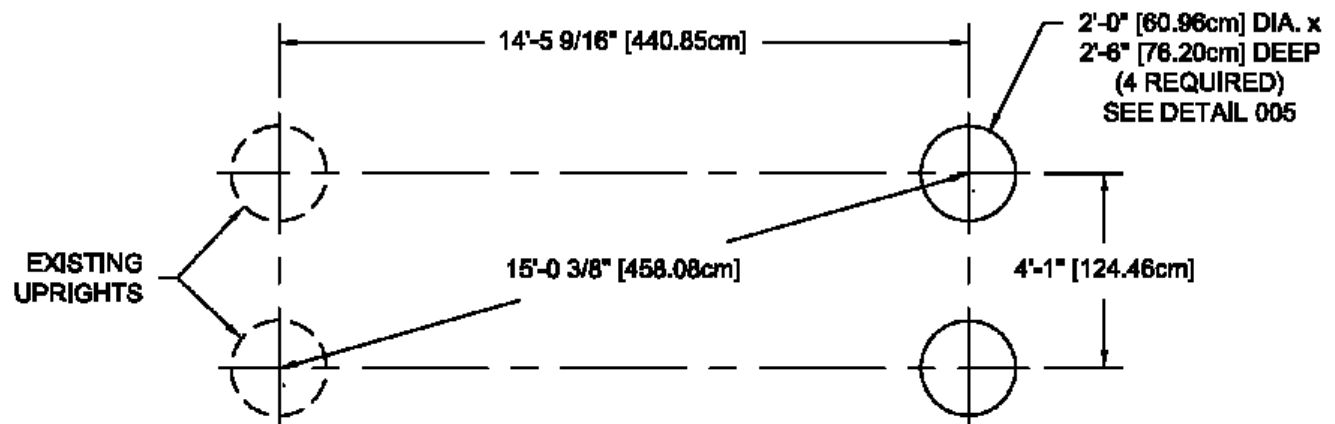


10777

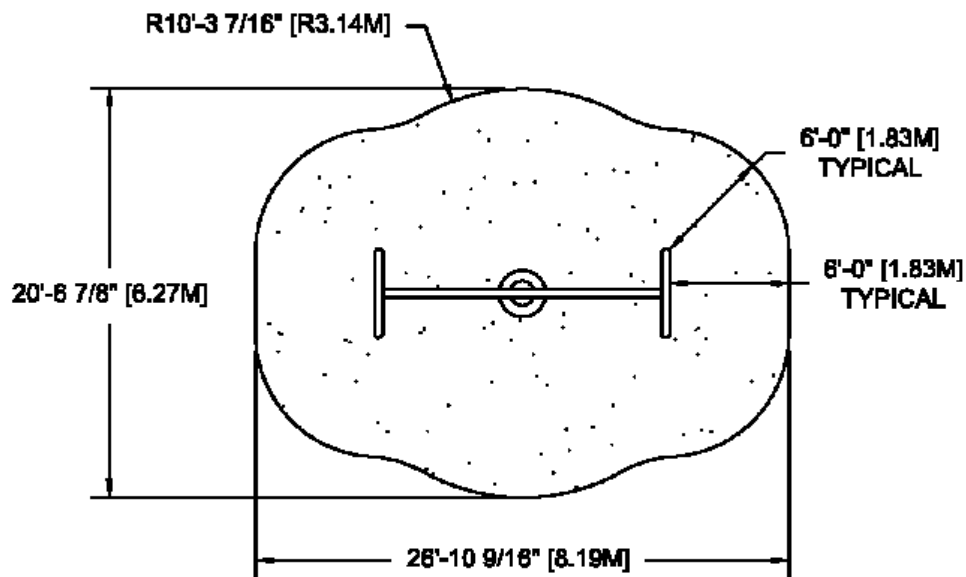
NOTE: HOLE DEPTHS INDICATED
ON ALL GROUND PLANS ARE
MEASURED FROM THE FINISHED
SURFACE. SEE DETAIL 005. ALL
FOOTING DIMENSIONS ARE BASED
ON LEVEL FINISHED SURFACE.

GROUND PLANS

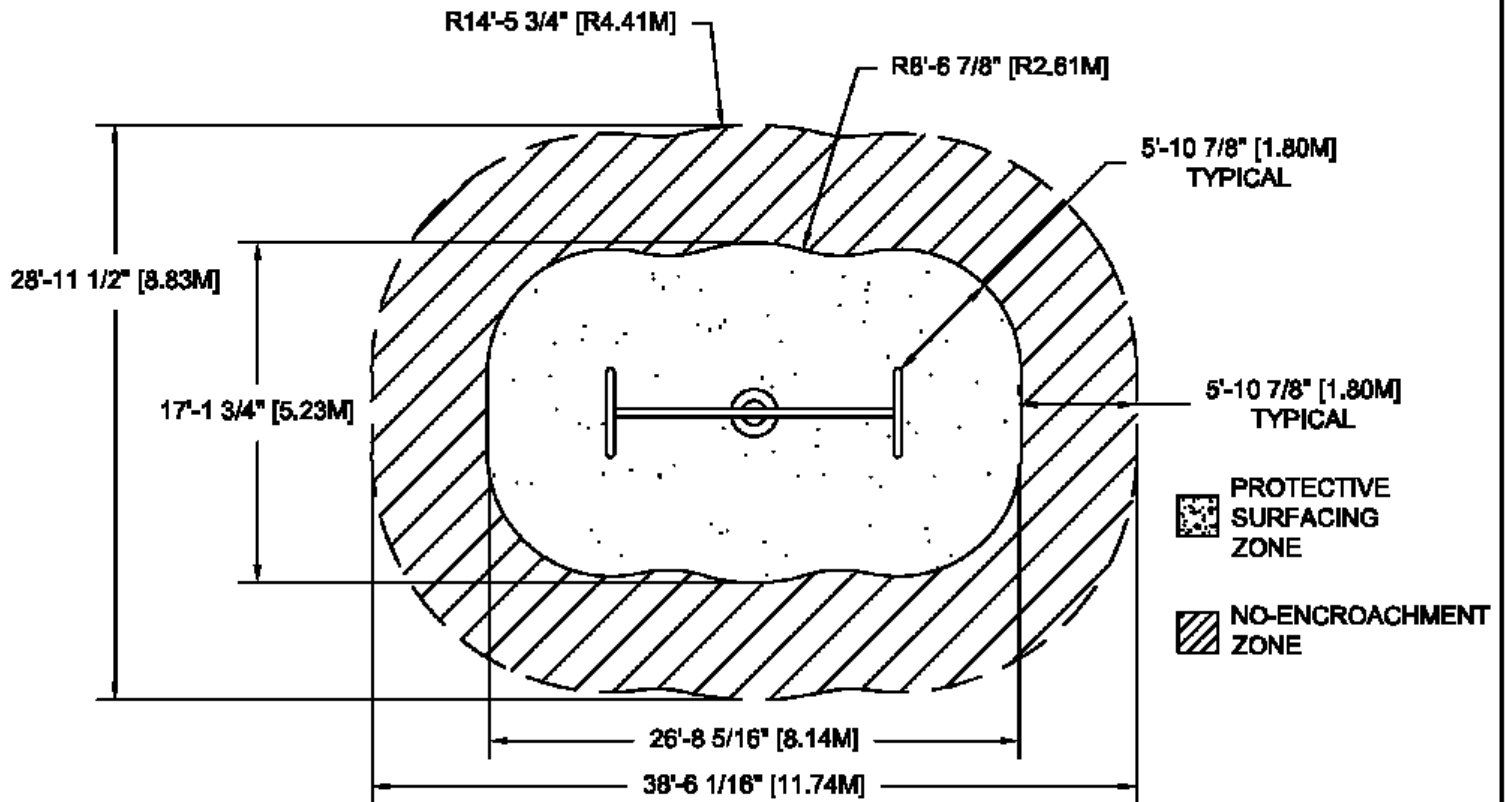
CONCRETE REQUIRED:
(PER GROUND HOLE)
.17 CUBIC YARDS
[.13 CUBIC METERS]



10778



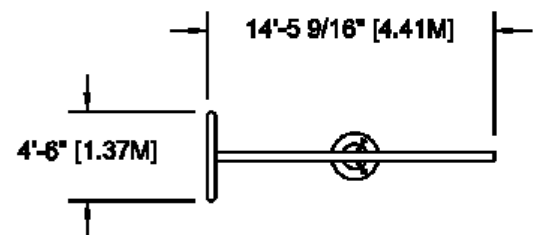
10777 ASTM USE ZONE



10777 CSA (CANADA) PROTECTIVE SURFACING/NO-ENCROACHMENT ZONE

NOTE:

- 1.) OWNER/OPERATOR SHALL INSTALL AND MAINTAIN PROTECTIVE SURFACING WITHIN THE USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) OF ALL PLAY EQUIPMENT TO COMPLY WITH ASTM F-1292 AND ASTM F-1487 (U.S.) or CAN/CSA-Z-614 (CANADA).
- 2.) SOLID OUTSIDE BORDER REPRESENTS MINIMUM REQUIRED ASTM USE ZONE AND CSA PROTECTIVE SURFACING ZONE FOR SWING FRAME SHOWN.
- 3.) DASHED LINES REPRESENT CSA NO-ENCROACHMENT ZONE (CANADA ONLY).
- 4.) *EACH ADDITIONAL CONNECTED SWING FRAME BAY INCREASES THE USE ZONE SURFACING DIMENSIONS BY 14'-5 9/16\" [4.41M]. (NOT AVAILABLE IN CANADA).



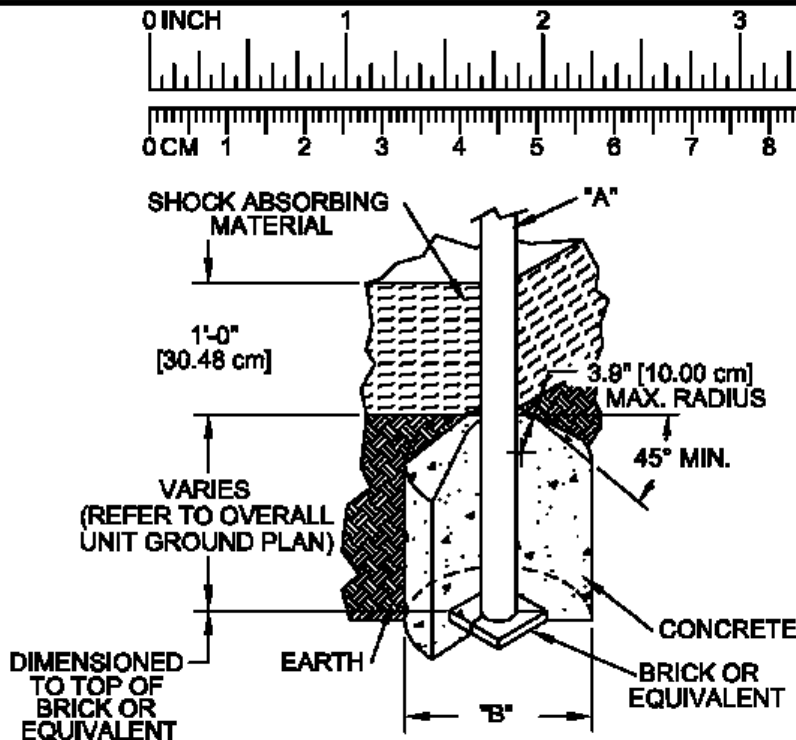
10778

DETAILS -for- 10777 & 10778

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



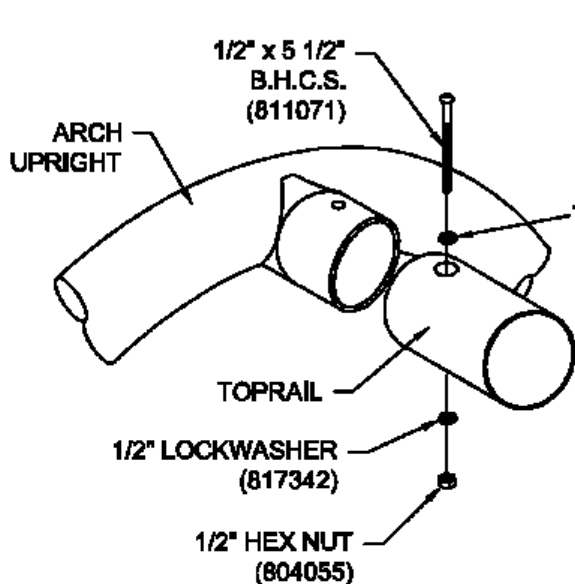
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS	
5" [12.70 cm]	2'-0" [60.96 cm]
TREE SCAPE	
5" [12.70 cm]	4'-0" [121.92 cm]

NOTES:

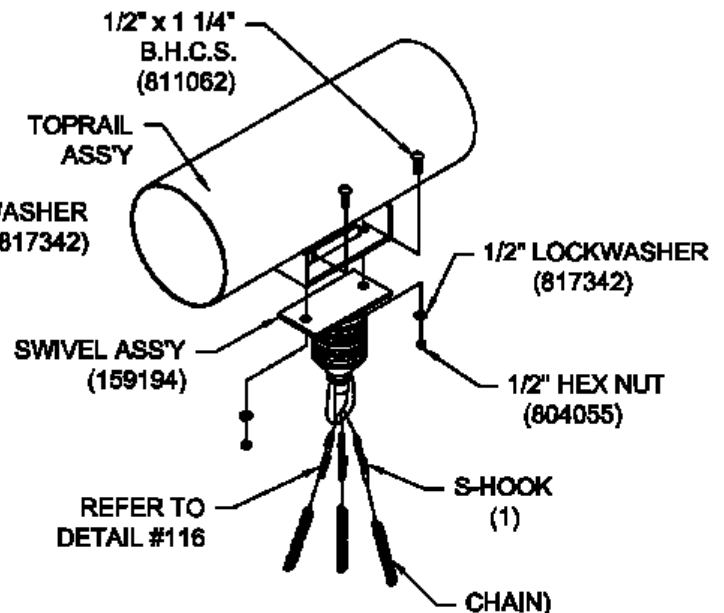
- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

005

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



113



114

DETAILS -for- 10777 & 10778

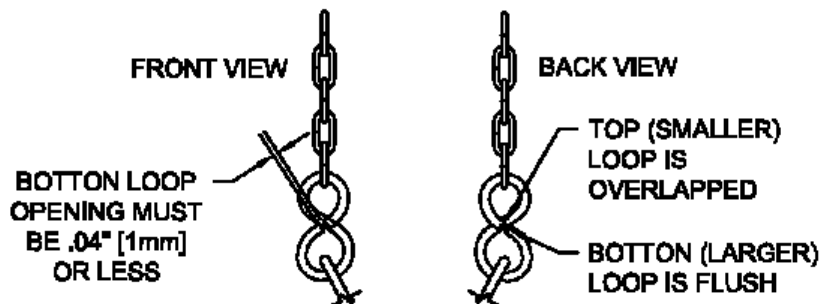
IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

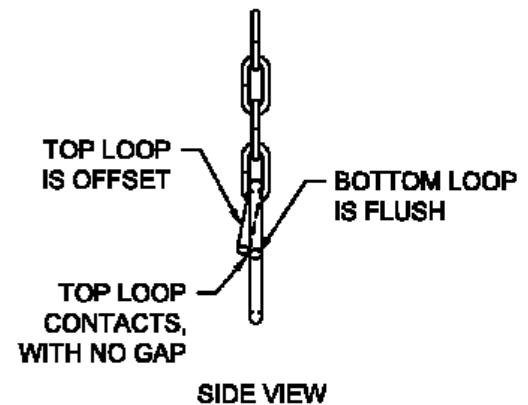
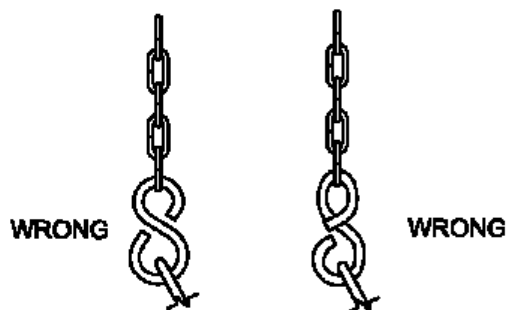
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



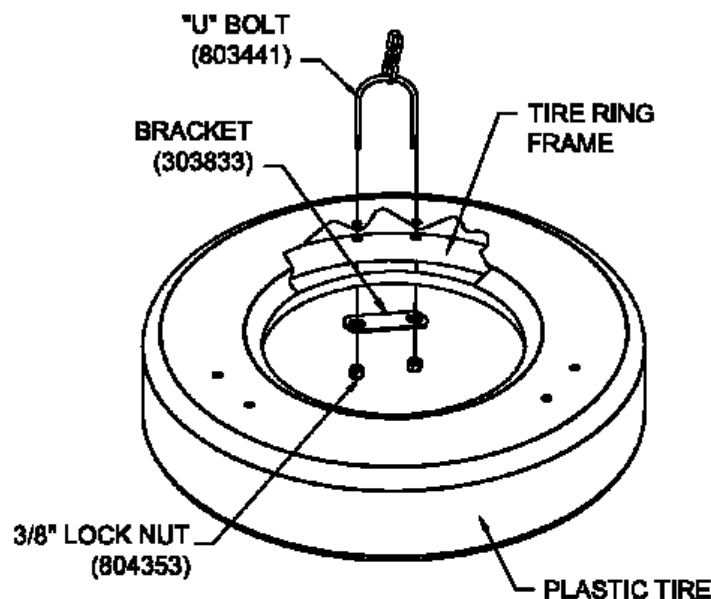
PROPERLY CLOSED "S" HOOK



NOTE:
REPLACE ALL WORN "S" HOOKS. "S" HOOKS MUST BE COMPLETELY CLOSED. FAILURE TO CLOSE "S" HOOKS PROPERLY MAY RESULT IN SERIOUS INJURY TO THE USER.



116



NOTE: DO NOT OVERTIGHTEN LOCK NUTS ON U-BOLTS. LESS THAN TWO THREADS SHOULD BE EXPOSED AFTER TIGHTENING.

562

GTFit



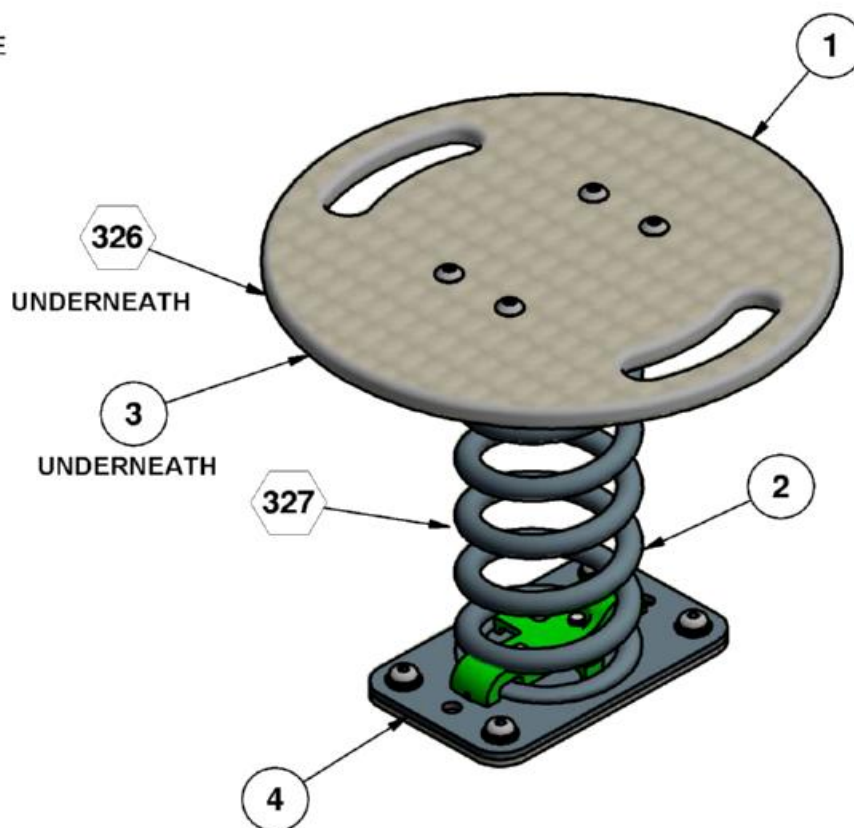
A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 1/14/20

13280 BALANCE BOARD STATION

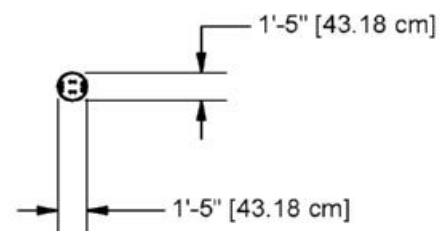
- ⬡ = INSTALLATION
DETAIL
- = PARTS LIST
REFERENCE



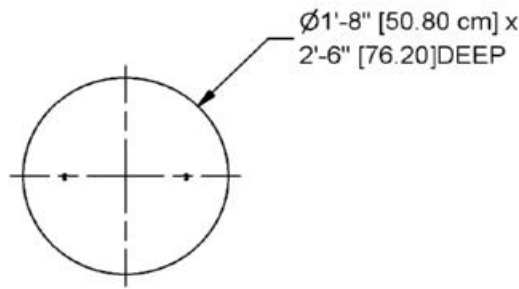
ASSEMBLY DRAWING

NOTE:
MINIMUM OF ONE USAGE/WARNING LABEL
SIGN POST (13565) MUST BE USED WITH EACH
BALANCE BOARD STATION. SEE SIGN POST
INSTALLATION SHEET FOR INSTALLATION DETAILS.

SIGN POST MUST BE OUTSIDE MAXIMUM SPACE IN WHICH
THE USER AND EXERCISE EQUIPMENT COMPONENTS
TRAVERSE WHEN THE EQUIPMENT IS OPERATED.



TOP VIEW



NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE FOOTING DETAIL. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

CONCRETE REQUIRED:
.12 CUBIC YARDS
[.09 CUBIC METERS]

GROUND PLAN

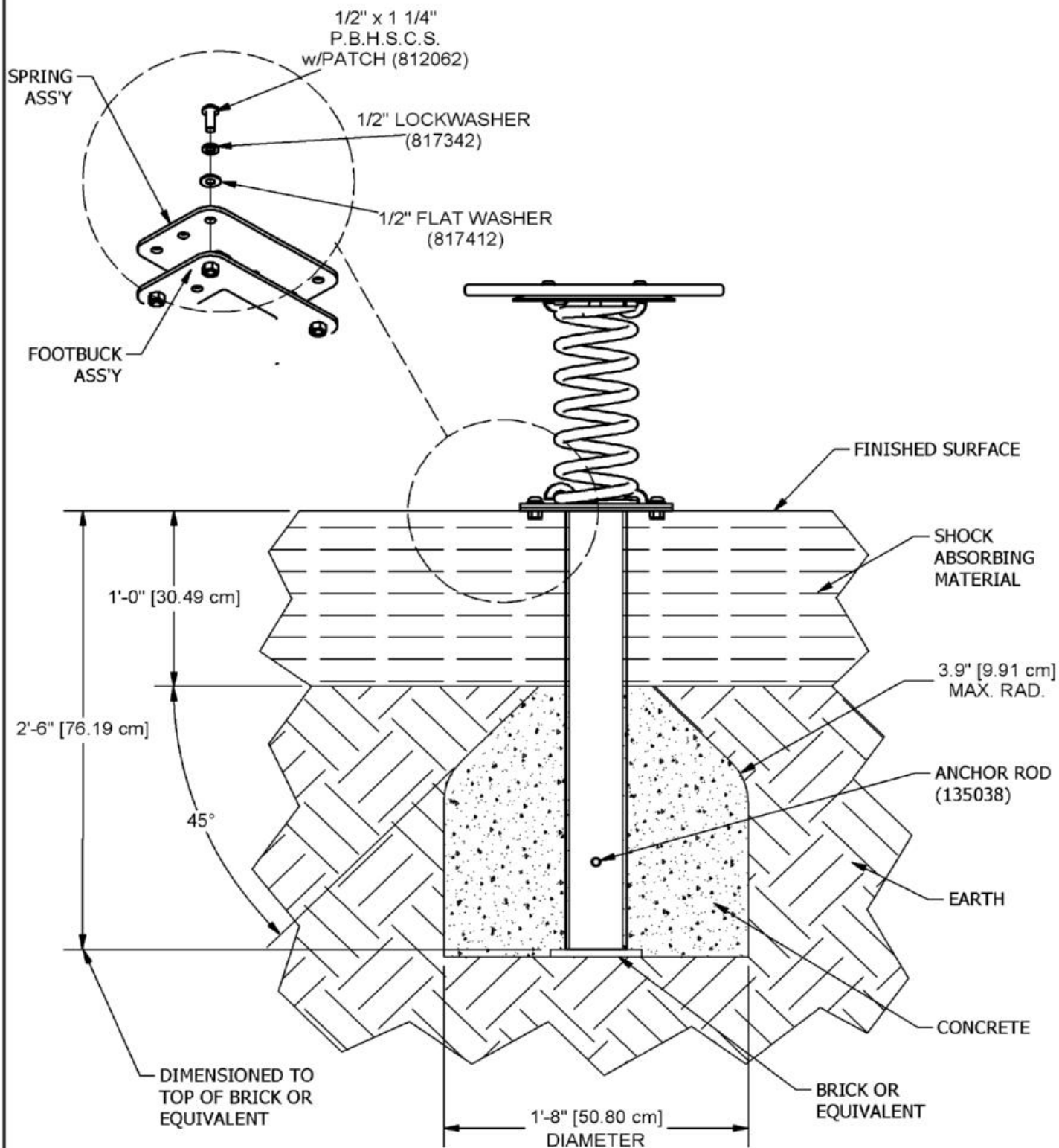
Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	HDPE TOP PLATE	1	403384
2	COIL SPRING	1	100334
3	FOOTBUCK PLATE	1	176471
4	BASE PLATE	1	126776
5	FOOTBUCK ASSEMBLY	1	213833
	HARDWARE COMPLETE	1	207118
	3/8" x 3/4" P.B.H.C.S. w/PATCH	4	812052*
	3/8" LOCK WASHER	4	817334*
	3/8" FLAT WASHER	4	817410*
	3/8" BARREL NUT	4	804804*
	1/2" x 1 1/4" HEX HEAD BOLT (FINE THREAD)	4	801254*
	1/2" LOCKWASHER	8	817342*
	1/2" FLAT WASHER	8	817412*
	SPRING MOUNT CASTING	2	1089*
	USAGE/WARNING LABEL	1	211813*
	1/2" x 1 1/4" P.B.H.S.C.S. w/PATCH	4	812062*
	1/2" ANCHOR ROD	1	135038*

Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.



SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS MAY VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH BEFORE APPLYING SURFACING.

NOTES:

-RESILIENT SURFACING AND SUBSTANTIAL COMPACTED SUBGRADE DEPTHS DEPEND ON SOIL CONDITIONS AND RESILIENT SURFACING TYPE.

-SLOPED FOOTINGS IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY

-SUGGESTED MINIMUM CONCRETE RATING 3000PSI.

SPECIFICATIONS

NOTE: THIS INSTALLATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled

BALANCE BOARD STATION

The Balance Board shall be fabricated of purchased steel spring, purchased steel castings, and the Top Plate shall be fabricated from 3/4" HDPE.

HARDWARE: All nuts, bolts, screws, inserts, and lock washers used in the assembly of all equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

Galvanizing coverage shall demonstrate the ability to exceed 1000 hours salt spray corrosion exposure in accordance with ASTM B-117. Internal surface zinc rich 81% minimum zinc dust content in organic resin, as per ASTM F-1234, Section 5.2.4, Type D.

POWDER COAT FINISH

Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a six stage bath system with an iron phosphate wash, as a rust inhibitor, and a sealer to prevent flash rusting before coating. In addition, all welds shall be protectively coated with ZRP, a zinc rich primer that forms a rust-resistant barrier layer over each weld prior to application of the powder coating. The powder coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: 3.0 - 5.0 mil thickness and oven cured between 375 to 425 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794- 69), Wedge Bend (ASTM D-522-68), Adhesion (Cross Hatch ASTM D-3359 & Knife Scratch ASTM D-2197), Environmental (Stain Resistance ASTM D-1308, Humidity ASTM D-2247 - 87, Salt Spray ASTM B-117 & Fadometer 300 hrs with no loss of gloss), Over-bake Stability 100% at 400 degrees Fahrenheit.

NOTE: All weights are based on average comparisons of each part.

SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

INSTALLATION INSTRUCTIONS

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Read Installation Instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Bracing may be needed to stabilize Balance Board Station while concrete hardens.

STEP 1. Dig footing hole to receive Balance Board. See Footing Detail and Ground Plan for footing dimensions. **NOTE:** After installation, the Balance Board height should be 12 1/4" [38.72cm] above the protective surfacing.

STEP 2. Place Base Assembly in hole with Mounting Plate end sticking up out of the hole. Fill hole with concrete, level and plumb. **DO NOT MOUNT BALANCE BOARD STATION TO BASE ASSEMBLY FOR AT LEAST 72 HOURS.**

STEP 3. After concrete has cured and set for a minimum of 72 hours, fasten the Coil Spring and Spring Casting to the Base Plate using 1/2" x 1 1/4" P.B.H.C.S., 1/2" Lock Washer and 1/2" Flat Washer. Refer to Footing Detail. Use loctite (supplied by others) and tighten bolts thoroughly.

STEP 4. Then attach Metal Plate and Spring Casting to Spring Assembly using 1/2" x 1 1/4" Hex Head Bolt, 1/2" Lock Washer and 1/2" Flat Washer. See Detail 327.

STEP 5. Attach HDPE Top Plate to Spring Assembly using Detail 686. **IMPORTANT:** Make sure when attaching the HDPE Top Plate to place the Diamond Texture facing up.

STEP 6. Plumb and level the entire assembly and tighten all fasteners.

NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions.

NOTE: We suggest you retighten all bolts after the unit has been used three to four days.

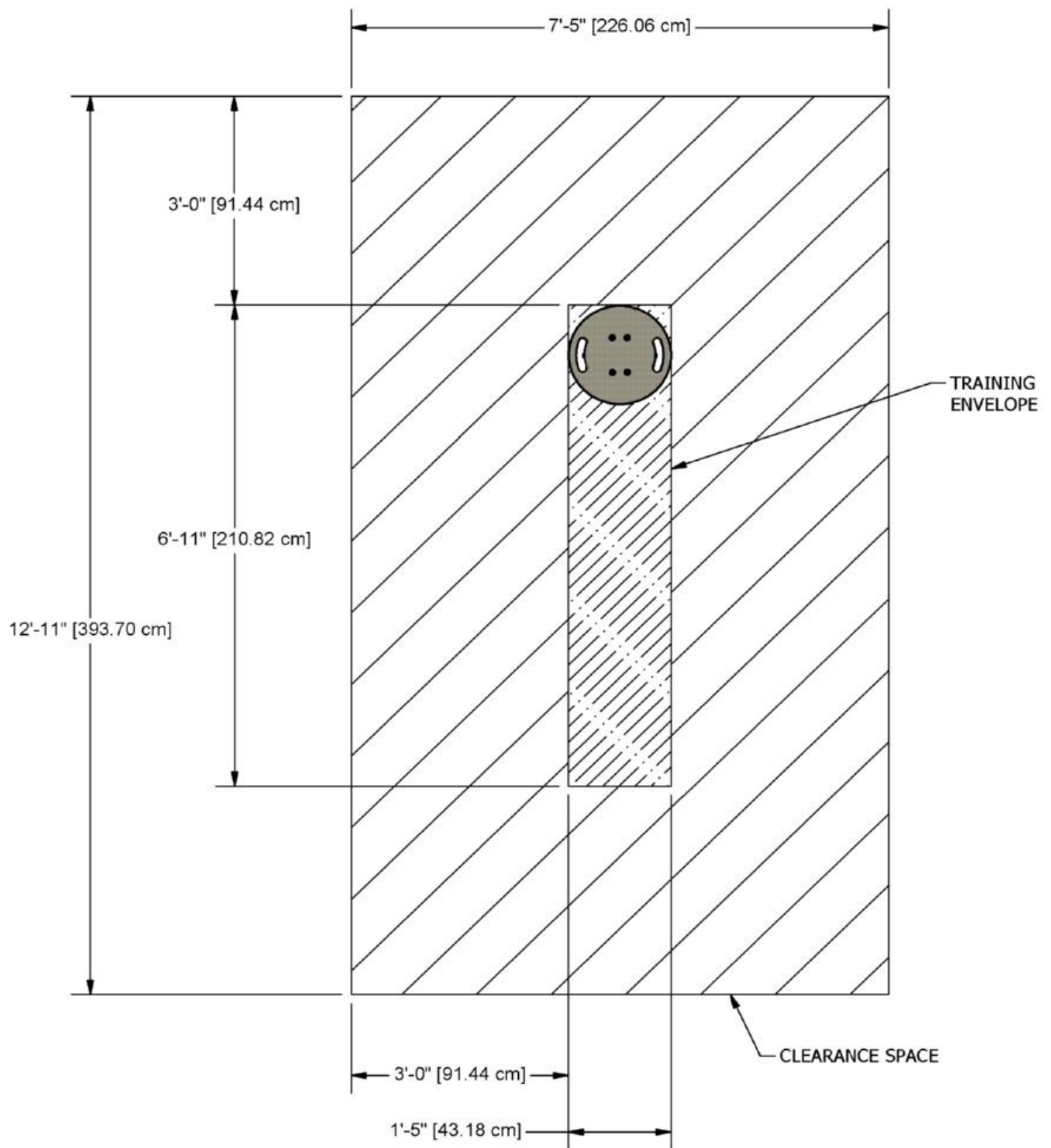
NOTE: Loctite (supplied by others) should be used on all threaded hardware.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- ☐ NEVER INSTALL EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- ☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ☐ Equipment should be placed to eliminate conflicting traffic patterns.
- ☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.
- ☐ All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ☐ Test overall stability and rigidity of all fitness equipment. Check for proper assembly, installation and ground anchoring.
- ☐ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- ☐ GameTime® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- ☐ Never add components not intended for use with this product.
- ☐ Regular checking of all parts, castings, etc. should be made. If a part is broken or worn it should be replaced immediately.
- ☐ Proper maintenance of GameTime® equipment requires regular tightening of all bolts, nuts, and set screws.
- ☐ Check to be sure all fittings are tight and that the bars and pipes do not move.



TRAINING ENVELOPE/CLEARANCE SPACE

NOTE: OWNER/OPERATOR SHALL KEEP THE TRAINING ENVELOPE AND CLEARANCE SPACE OF THE OUTDOOR FITNESS EQUIPMENT FREE FROM EXTRANEIOUS MATERIALS THAT COULD CAUSE INJURY, INFECTION OR DISEASE.

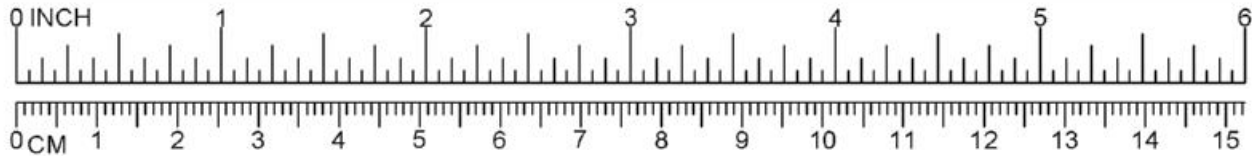
DETAILS -for- 13280

IMPORTANT

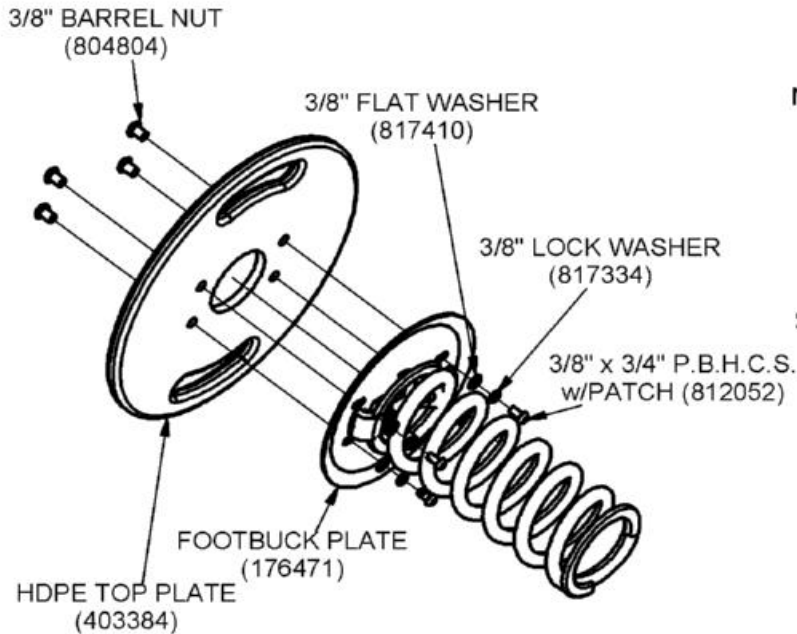
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

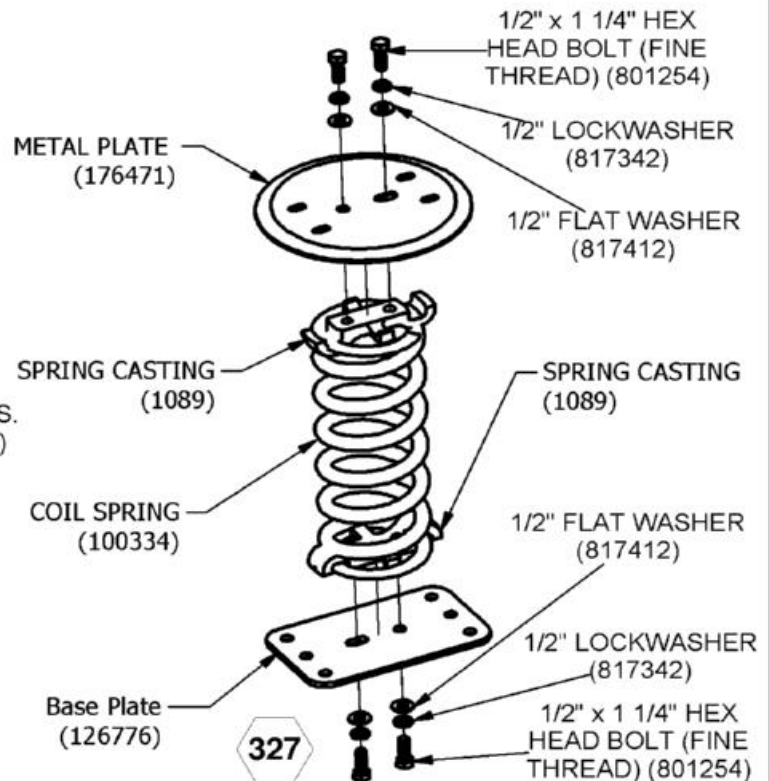
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



IMPORTANT: Make sure when attaching the HDPE Top Plate to place the Diamond Texture facing up.



326



327



A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 12/2/20

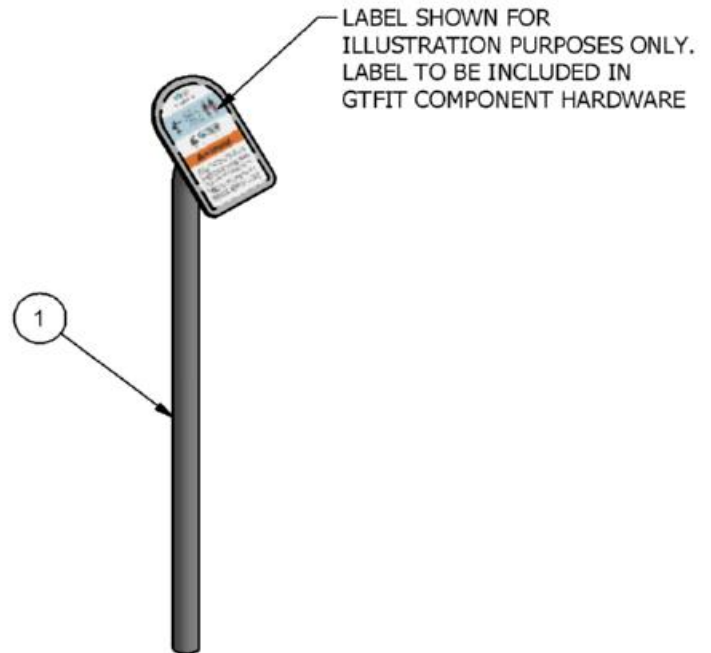
13565 USAGE/WARNING LABEL SIGN POST

-  = INSTALLATION
DETAIL
-  = PARTS LIST
REFERENCE

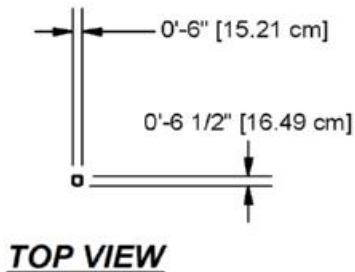
INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLATION INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.

SIGN MUST BE OUTSIDE MAXIMUM SPACE IN WHICH THE USER AND EXERCISE EQUIPMENT COMPONENTS TRAVERSE WHEN THE EQUIPMENT IS OPERATED.



ASSEMBLY DRAWING



Parts List		
DESCRIPTION	QTY	PART NUMBER
SIGN POST ASSEMBLY	1	212030

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

***See Top View for Custom Panel Identification and Location*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

SPECIFICATIONS

SIGN POST ASSEMBLY: Shall be an all welded assembly fabricated from 1.66" O.D. 14 gauge (.083) galvanized steel pipe for the upright post, and a 3/16" thick hot rolled steel laser cut plate. Assembly shall be powder coated after fabrication.

POWDER COAT FINISH: Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a six stage bath system with an iron phosphate wash, as a rust inhibitor, and a sealer to prevent flash rusting before coating. In addition, all welds shall be protectively coated with ZRP, a zinc rich primer that forms a rust-resistant barrier layer over each weld prior to application of the powder coating. The powder coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: 3.0 - 5.0 mil thickness and oven cured between 375 to 425 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794- 69), Wedge Bend (ASTM D-522-68), Adhesion (Cross Hatch ASTM D-3359 & Knife Scratch ASTM D-2197), Environmental (Stain Resistance ASTM D-1308, Humidity ASTM D-2247 - 87, Salt Spray ASTM B-117 & Fadometer 300 hrs with no loss of gloss), Over-bake Stability 100% at 400 degrees Fahrenheit.

SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



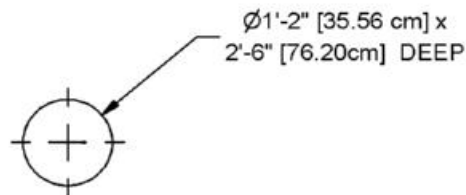
ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ASSEMBLING AND/OR INSTALLING EQUIPMENT.

Worn surfaces around equipment should be restored. Surface depth should comply with installation instructions.

Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.

GAMETIME® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMERS FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.

Proper maintenance of GAMETIME® equipment requires regular tightening of all bolts, nuts, and set screws.



GROUND PLAN

NOTE: Hole depths indicated on all ground plans are measured from the finished surface. See footing detail.
All footing dimensions are based on level finished surface.

Concrete Required:
.06 Cubic Yards
[.05 Cubic Meters]

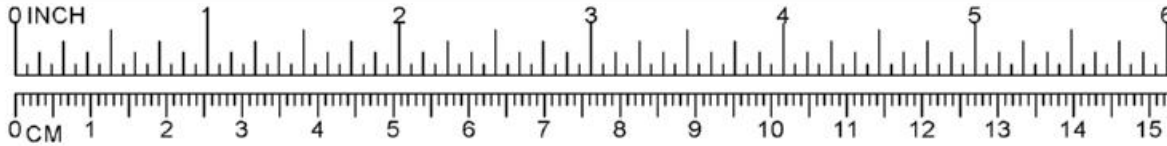
DETAILS -for- 13565

IMPORTANT

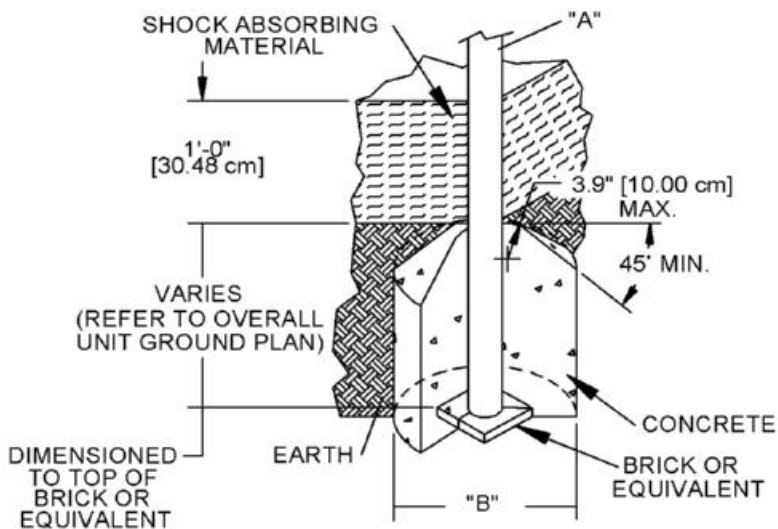
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



USAGE/WARNING LABEL APPLICATION DETAIL



DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]
TRACK RIDE & SWINGS	
5" [12.70 cm]	2'-0" [60.96 cm]
TREE SCAPE	
5" [12.70 cm]	4'-0" [121.92 cm]

NOTES:

- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

032

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

GTFit



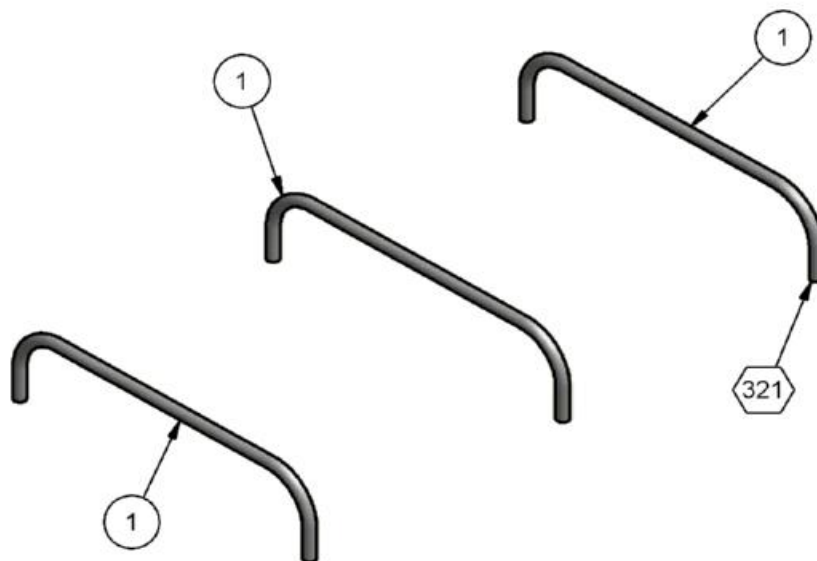
A PLAYCORE Company

1-800-235-2440

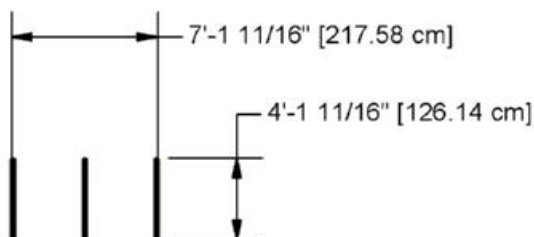
ISSUED/REVISED: 1/17/2020

13576 HURDLE STATION

-  = INSTALLATION
DETAIL
-  = PARTS LIST
REFERENCE



ASSEMBLY DRAWING



TOP VIEW

NOTE:
MINIMUM OF ONE USAGE/WARNING LABEL
SIGN POST (13565) MUST BE USED WITH EACH
HURDLE STATION. SEE SIGN POST INSTALLATION
SHEET FOR INSTALLATION DETAILS.

SIGN POST MUST BE OUTSIDE MAXIMUM SPACE IN WHICH
THE USER AND EXERCISE EQUIPMENT COMPONENTS
TRAVERSE WHEN THE EQUIPMENT IS OPERATED.

PARTS LIST			
ITEM	DESCRIPTION	QTY	PART NUMBER
1	UPPER HT LARGE U-PIPE	3	304545
	HARDWARE COMPLETE	1	212415
	USAGE/WARNING LABEL	1	211757*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware **Sign Frame with Hardware Sold Separately*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards
For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed.
Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment
And Dispose/Save Them In A Secure Location.**

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- ☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- ☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ☐ Equipment should be placed to eliminate conflicting traffic patterns.
- ☐ All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ☐ Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- ☐ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- ☐ GAMETIME® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- ☐ Never add components not intended for use with this product.
- ☐ Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- ☐ Proper maintenance of GAMETIME® equipment requires regular tightening of all bolts, nuts, and set screws.
- ☐ Check to be sure all fittings are tight and that the bars and pipes do not move.
- ☐ A soft, resilient surface should be placed under all climbers, extending at least six feet in all directions surrounding the climbers. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

SPECIFICATIONS

U-PIPES: Shall be 1-5/8" O.D. galvanized steel tube with a baked on polyester powder coat finish.

INSTALLATION INSTRUCTIONS

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is completed. Bracing material is required during assembly.

NOTE: Assembly and leveling times will be greatly reduced if a transit is used to set location and depth of ground holes.

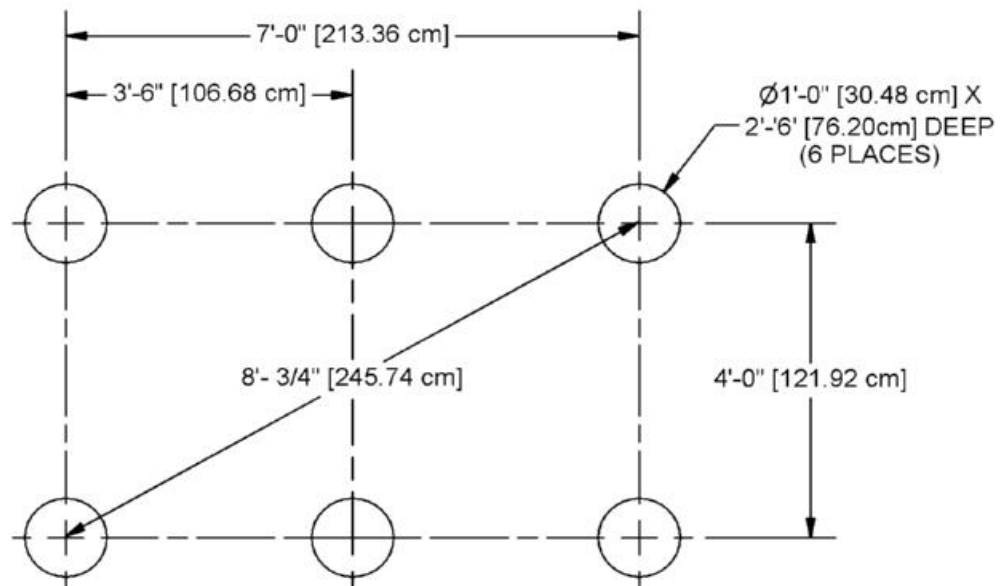
NOTE: Place a brick or equivalent at the bottom of ground holes (where shown), to provide a solid foundation. Allow for this in the hole depth.

STEP 1: Dig holes according to Ground Plan. **NOTE:** Due to extremes in weather and soil conditions, hole size may have to be increased to meet local conditions.

STEP 2: Level Hurdles using sway bracing.

NOTE: It is recommended that 2" x 4" braces be cut the same lengths as the distance between each set of Hurdles noted on Assembly Drawing. Use the braces between bars to hold distance until concrete is poured and cured.

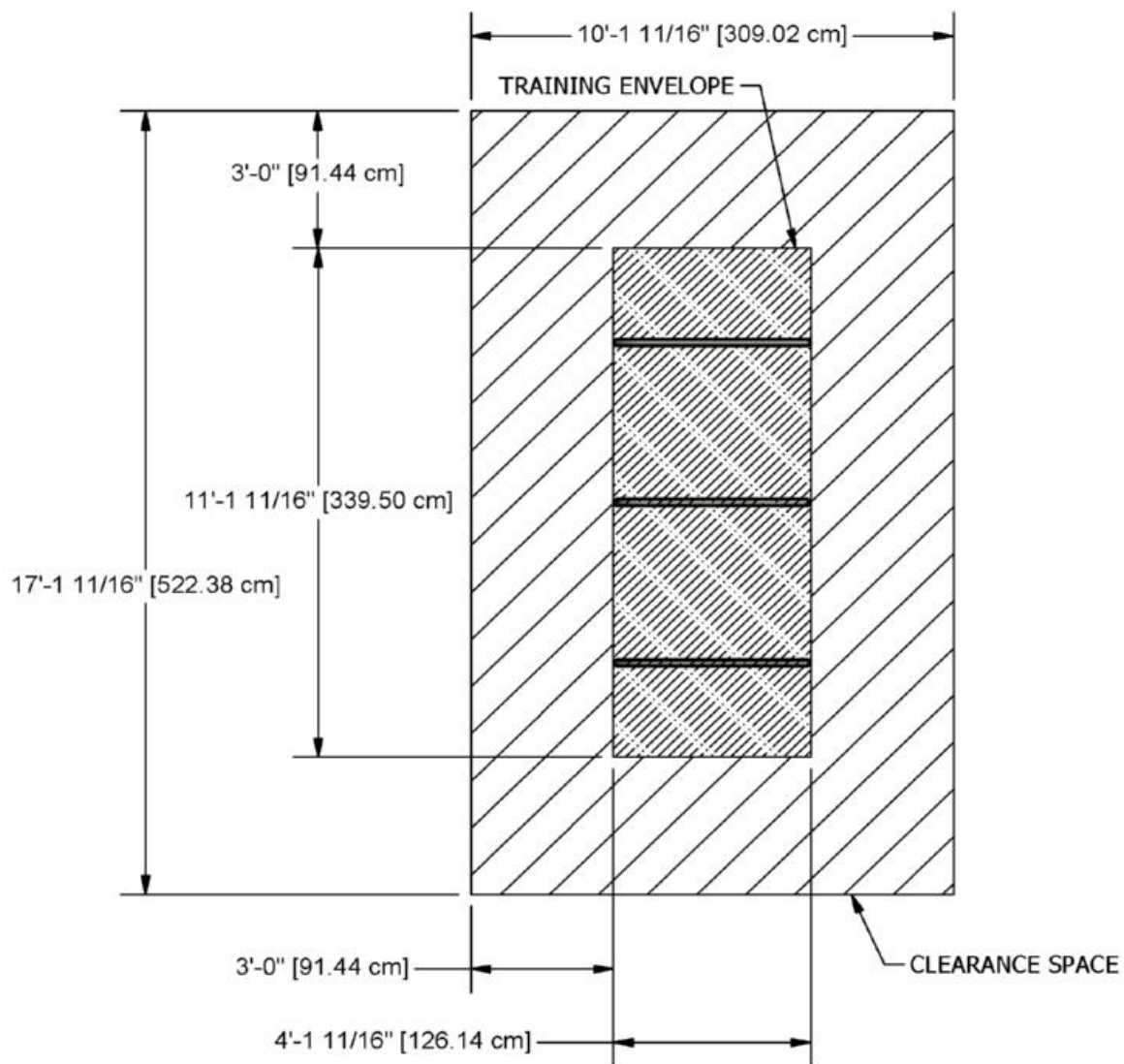
STEP 3: Pour concrete according to the footing details.



CONCRETE REQUIRED:
.30 CUBIC YARDS
[.24 CUBIC METERS]

GROUND PLAN

NOTE: HOLE DEPTHS INDICATED ON ALL
GROUND PLANS ARE MEASURED FROM THE
FINISHED SURFACE. SEE DETAIL 321. ALL
FOOTING DIMENSIONS ARE BASED ON LEVEL
FINISHED SURFACE.



TRAINING ENVELOPE/CLEARANCE SPACE

NOTE: OWNER/OPERATOR SHALL KEEP THE TRAINING ENVELOPE AND CLEARANCE SPACE OF THE OUTDOOR FITNESS EQUIPMENT FREE FROM EXTRANEIOUS MATERIALS THAT COULD CAUSE INJURY, INFECTION OR DISEASE.

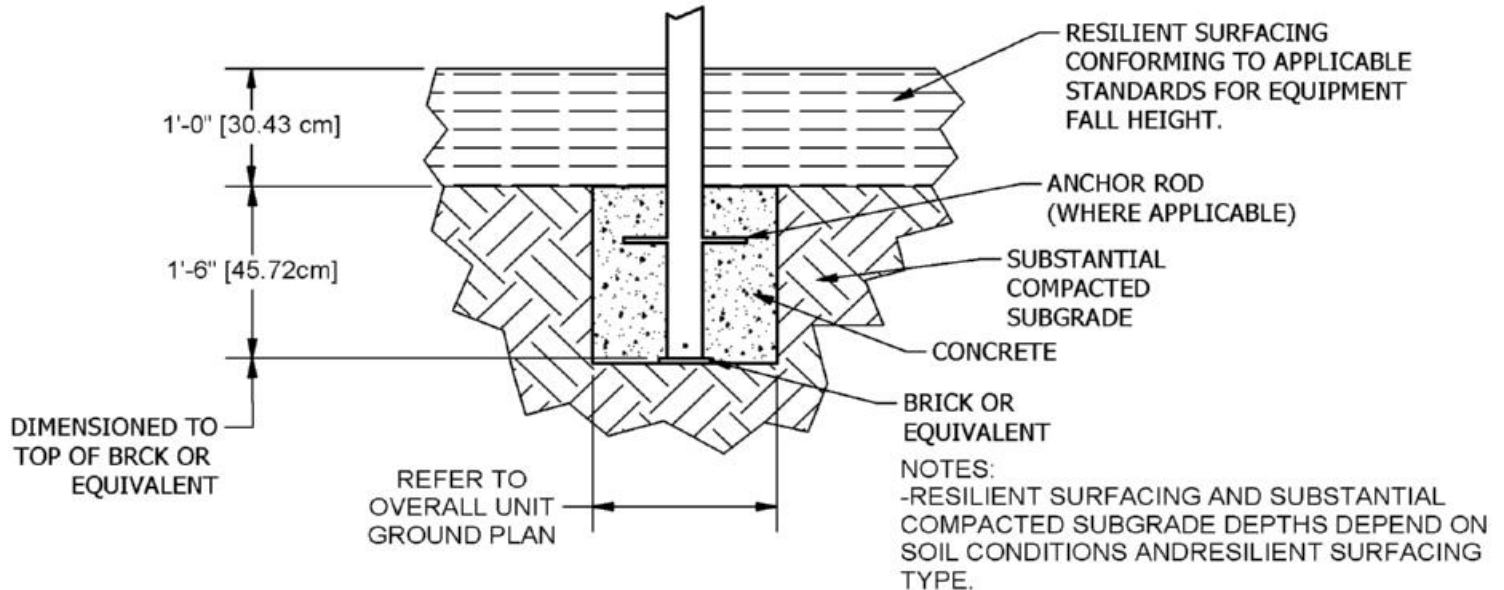
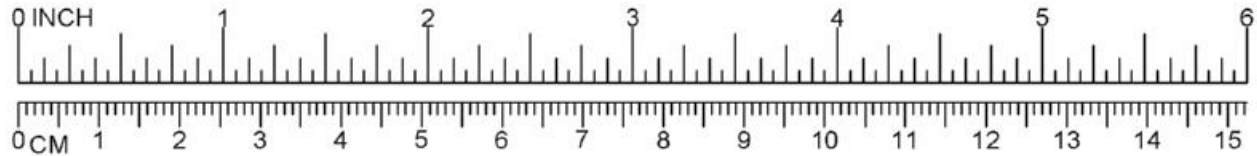
DETAILS -for- 13576

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS MAY VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH BEFORE APPLYING SURFACING.

321

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	LEFT UPRIGHT	1	GS14RK
2	RIGHT UPRIGHT	1	GS14RJ
3	SEAT	1	403580
4	YELLOW STRETCH BAR	1	403623
5	BLUE STRETCH BAR	1	403693
6	GREEN STRETCH BAR	1	403694
7	FINGER LADDER	1	403640
8	YELLOW EXERCISE RING	2	403644
9	BLUE EXERCISE RING	2	403645
10	GREEN EXERCISE RING	2	403646
11	SEAT ASS'Y	1	403731
	HARDWARE COMPLETE	1	209489
	3/8" x 3/4" P.B.H.C.S. w/PATCH	4	812052*
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	15	812051*
	3/8" LOCK WASHER	19	817334*
	3/8" FLAT WASHER	4	817410*
	1/2" ANCHOR ROD	2	135038*
	USAGE/WARNING LABEL	1	211737*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- ☐ Installation over a hard surface such as concrete, asphalt, or packed earth may result in serious injury or death from falls. Especially all elevated upper-body strength building equipment.
- ☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- ☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ☐ Equipment should be placed to eliminate conflicting traffic patterns.
- ☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.
- ☐ All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ☐ Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- ☐ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- ☐ GameTime® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- ☐ Never add components not intended for use with this product.
- ☐ Regular checking of all parts, castings, etc. should be made. If a part is broken or worn it should be replaced immediately.
- ☐ Proper maintenance of GameTime® equipment requires regular tightening of all bolts, nuts, and set screws.
- ☐ Check to be sure all fittings are tight and that the bars and pipes do not move.

INSTALLATION INSTRUCTIONS:

1. Dig holes according to the Ground Plan. See Ground Plan for dimensions and notes regarding surfacing, etc.
NOTE: *Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions.*
2. Place two Exercise Rings on each Stretch Bar as shown in the finished assembly.
3. Attach Stretch Bars to Uprights using 3/8" Lockwasher and 3/8" x 1 1/4" B.H.C.S. See Detail 410.
4. Place Uprights in footing holes in accordance with the plan view. NOTE: *Install Anchor Rod in Uprights as shown in Detail 408.*
5. Attach the Seat to the Seat Assembly using 3/8" Flat Washer and 3/8" x 3/4" P.B.H.C.S. w/Patch. See Detail 409.
6. Place the Seat Assembly in the footer hole in accordance with the plan view.
7. Attach Finger Ladder to Upright using 3/8" Lock Washer and 3/8" x 1 1/4" P.B.H.C.S. w/Patch. see Detail 411.
8. Plumb and level the entire assembly and tighten all fasteners.
9. After entire unit is assembled, pour concrete footings with 4" to the top and taper away from post for water drainage. Allow to cure at least 48 hours before use. Temporary bracing may be required until concrete cures.
10. When the structure is finished and satisfactory, eliminate sharp points and sharp edges (burring) on installed hardware like bolts, nuts, etc. Install resilient surfacing material within the use zone of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the safety guidelines.

SPECIFICATIONS

NOTE: THIS SPECIFICATION BOOKLET SHOULD BE KEPT IN CUSTOMERS FILE FOR FUTURE REFERENCE.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

Seat Assembly: Shall have a 1 1/2" galvanized pipe with a 12 Ga. hot rolled steel top.

Seat: Shall be made with a Polyurethane core and covered with a two part Polyurea spray. Material will be made to tear and fade resistant.

Stretch Bars: Shall be 1 3/8" O.D. galvanized steel tube with a combination polyurea/baked on polyester powder coat finish.

Uprights: The Aluminum posts shall be 3 1/2" O.D. with a 0.125" wall thickness 6061-T6 extruded seamless Aluminum tubing conforming to ASTM B-221 and QQ-A 200/8. Tensile strength is 44,962 psi, and yield strength is 39,885 psi. Entire post is polyester powder-coated after fabrication. A cast aluminum cap of matching color is factory riveted into the top end using two aluminum rivets.

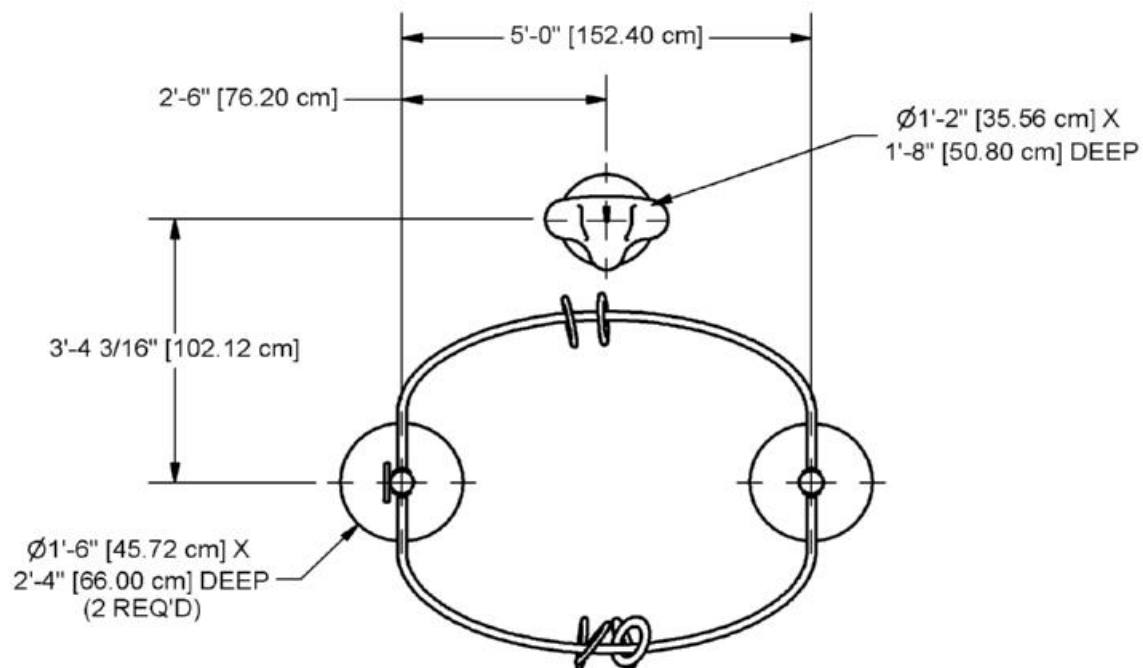
HARDWARE: All nuts, bolts, screws, inserts, and lock washers used in the assembly of all equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners

shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing. Galvanizing coverage shall demonstrate the ability to exceed 1000 hours salt spray corrosion exposure in accordance with ASTM B-117. Internal surface zinc rich 81% minimum zinc dust content in organic resin, as per ASTM F-1234, Section 5.2.4, Type D. All upright post shall have a finished surface line mark, to indicate proper burial depth.

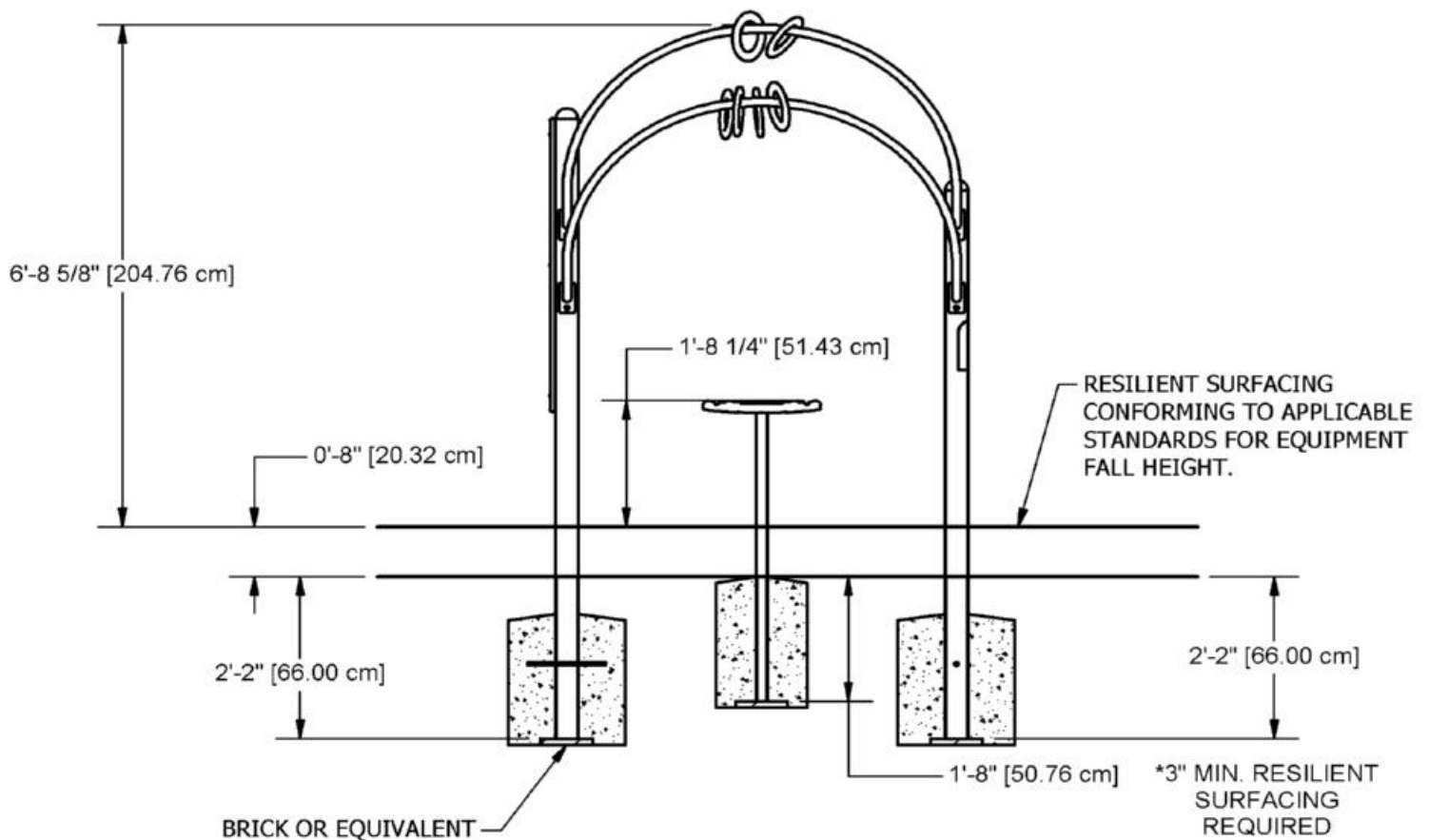
POWDER COAT FINISH

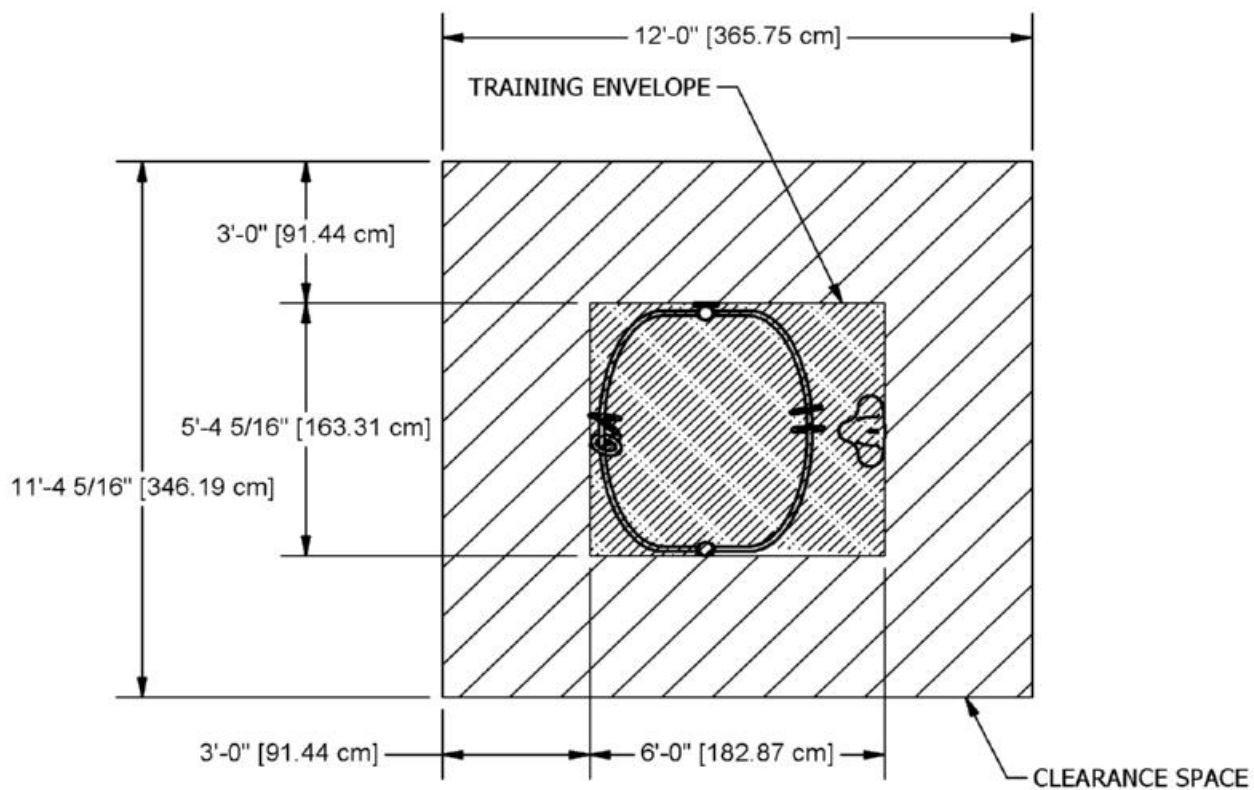
Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a six stage bath system with an iron phosphate wash, as a rust inhibitor, and a sealer to prevent flash rusting before coating. In addition, all welds shall be protectively coated with ZRP, a zinc rich primer that forms a rust-resistant barrier layer over each weld prior to application of the powder coating. The powder coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: 3.0 - 5.0 mil thickness and oven cured between 375 to 425 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794- 69), Wedge Bend (ASTM D-522-68), Adhesion (Cross Hatch ASTM D-3359 & Knife Scratch ASTM D-2197), Environmental (Stain Resistance ASTM D-1308, Humidity ASTM D-2247 - 87, Salt Spray ASTM B-117 & Fadometer 300 hrs with no loss of gloss), Over-bake Stability 100% at 400 degrees Fahrenheit.

SPECIFICATIONS: GAMETIME © has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



CONCRETE REQUIRED
 0.26 CUBIC YARDS
 [0.19 CUBIC METERS]





TRAINING ENVELOPE/CLEARANCE SPACE

NOTE: OWNER/OPERATOR SHALL KEEP THE TRAINING ENVELOPE AND CLEARANCE SPACE OF THE OUTDOOR FITNESS EQUIPMENT FREE FROM EXTRANEIOUS MATERIALS THAT COULD CAUSE INJURY, INFECTION OR DISEASE.

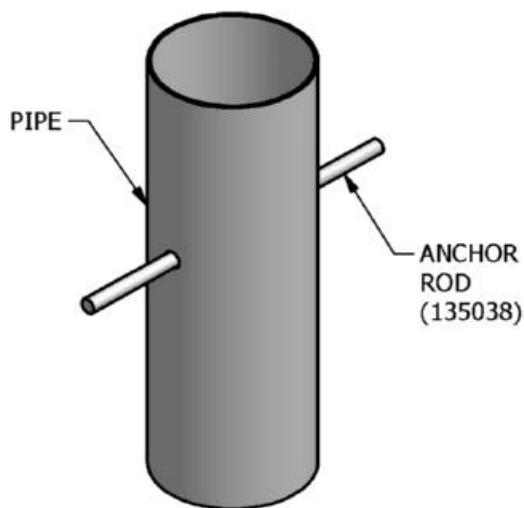
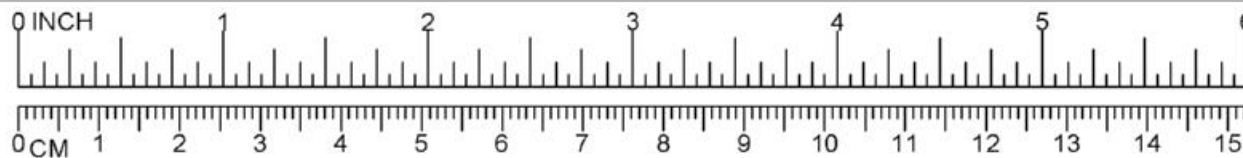
DETAILS -for- 14904

IMPORTANT

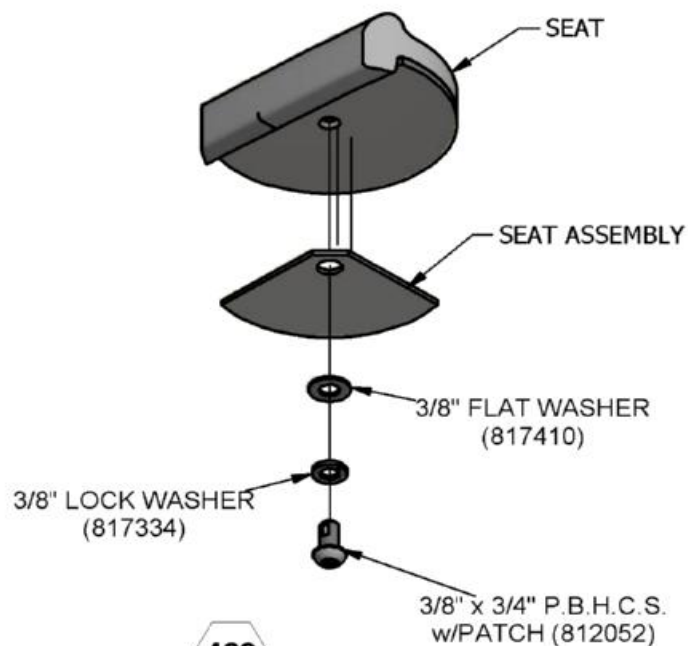
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END
PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED
SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

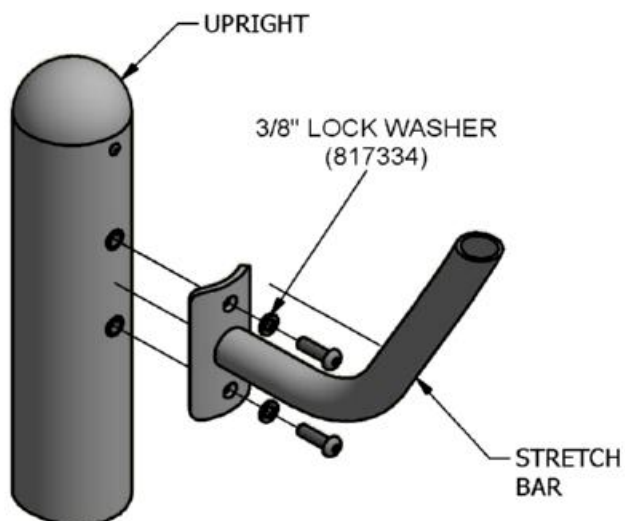
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



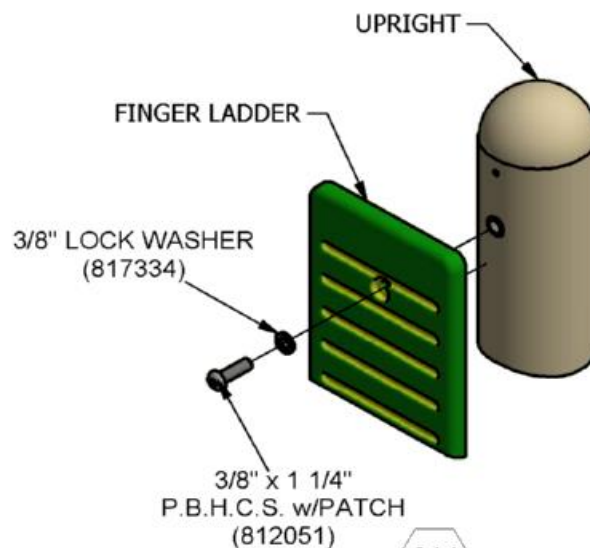
408



409



410



411



A **PLAYCORE** Company
1-800-235-2440

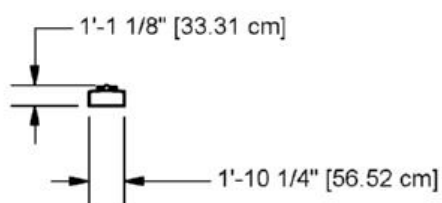
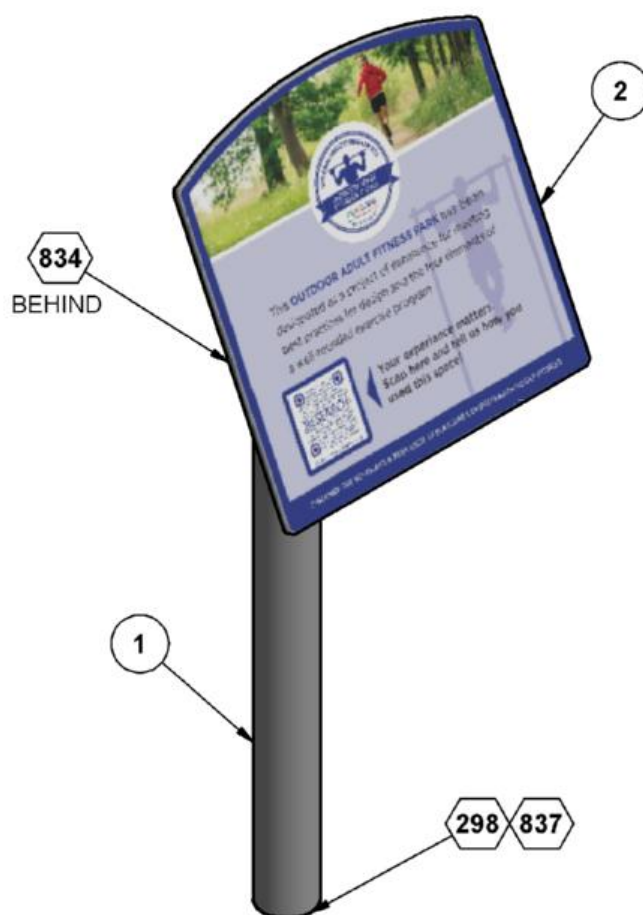
14926

NATIONAL DEMONSTRATION SITE SIGN PACKAGE

ISSUED/REVISED: 2/15/19

- ⬡ = INSTALLATION
DETAIL
○ = PARTS LIST
REFERENCE

NDS FITNESS SIGN PACKAGE	14926
NDS PLAY ON SIGN PACKAGE	14927
NDS INCLUSIVE PLAY SIGN PACKAGE	14928
NDS PATHWAYS FOR PLAY SIGN PACKAGE	14929
NDS NATURE GROUNDS SIGN PACKAGE	14930



TOP VIEW

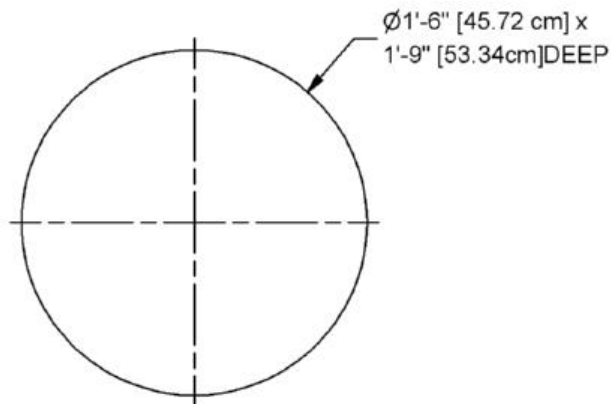
ASSEMBLY VIEW

Parts List							
REF.	DESCRIPTION	14926	14927	14928	14929	14930	PART NUMBER
1	SIGN POST WELD ASS'Y	1	1	1	1	1	216574
2	NDS FITNESS SIGN	1	0	0	0	0	216564
2	NDS PLAY ON SIGN	0	1	0	0	0	216566
2	NDS INCLUSIVE PLAY SIGN	0	0	1	0	0	216568
2	NDS PATHWAYS FOR PLAY SIGN	0	0	0	1	0	216570
2	NDS NATURE GROUNDS SIGN	0	0	0	0	1	216572
	HARDWARE COMPLETE	1	1	1	1	1	216580
	1/4" x 3/4" B.H.C.S.	4	4	4	4	4	811010*
	1/4" LOCK WASHER	4	4	4	4	4	817327*
	1/4" FLAT WASHER (5/8" O.D.)	4	4	4	4	4	817408*
	1/2" ANCHOR ROD	1	1	1	1	1	135038*

Unless Otherwise Specified, All Units of Measure are Each
 * Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.



GROUND PLAN

CONCRETE REQUIRED:
 .12 CUBIC YARDS
 [.09 CUBIC METERS]

NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE DETAIL 298. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

INSTALLATION INSTRUCTIONS

NOTE: THIS INSTALLATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Bracing material may be required during assembly.

STEP 1: Dig required hole. Place a brick or equivalent in the bottom of hole to provide a solid foundation. See Assembly Drawing and Ground Plan.

STEP 2: Bolt Sign onto Sign Post Weld Assembly as Shown in Detail 834.

STEP 3: Place Anchor Rod into Sign Post Weld Ass'y using Detail 837.

STEP 4: Place Assembly into center of ground hole, plumb and level. Pour concrete in ground hole all 48 hours to cure.

SPECIFICATIONS

SIGN POST WELD ASSEMBLY: Shall be an all welded construction consisting of 3 1/2" O.D. x .095" (13 gauge) wall galvanized steel tubing and 1/4" thick hot rolled steel mounting plate. The Sign Post Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specification outlined herein.

NDS SIGNS: The NDS Signs shall be 1/2" thick exterior DHPL with a 12 color high definition printed graphic with four 1/4" -20 UNC threaded inserts for mounting.

POWDER COAT FINISH: Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a four stage solvent / zirconium based bath system (free of iron phosphate), as a rust inhibitor, and a zirconium conversion coating to prevent flash rusting before coating. In addition, all welds shall be protectively coated with ZRP, a zinc rich primer that forms a rust-resistant barrier layer over each weld prior to application of the powder coating. The powder coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: Two coat process to achieve 3.0 - 5.0 mil thickness and oven cured between 350 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794- 69), Wedge Bend (ASTM D-522-68), Adhesion (Cross Hatch ASTM D-3359 & Knife Scratch ASTM D-2197), Environmental (Stain Resistance ASTM D-1308, Humidity ASTM D-2247 - 87, Salt Spray ASTM B-117 & Fadometer 300 hrs with no loss of gloss), Over-bake Stability 100% at 350 degrees Fahrenheit for 10 minutes.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing. NOTE: All weights are based on average comparisons of each part.

SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- ☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- ☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ☐ Equipment should be placed to eliminate conflicting traffic patterns.
- ☐ To reduce risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off, filed smooth and treated to prevent corrosion. Sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ☐ Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- ☐ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- ☐ GameTime® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- ☐ Never add components not intended for use with this product.
- ☐ Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- ☐ Proper maintenance of GameTime® equipment requires regular tightening of all bolts, nuts, and set screws.
- ☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.
- ☐ Regular checking of all parts, castings, etc. should be made. If a part is broken or worn it should be replaced immediately.
- ☐ Never use GAMETIME playground equipment around or in conjunction with swimming pools, ponds, lakes or any other bodies of water.
- ☐ Check to be sure all fittings are tight and that the bars and pipes do not move.
- ☐ A soft resilient surface should be placed under all swings, extending at least six feet beyond the farthest arc of the swing seat both front and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

DETAILS -for- 14926-14930

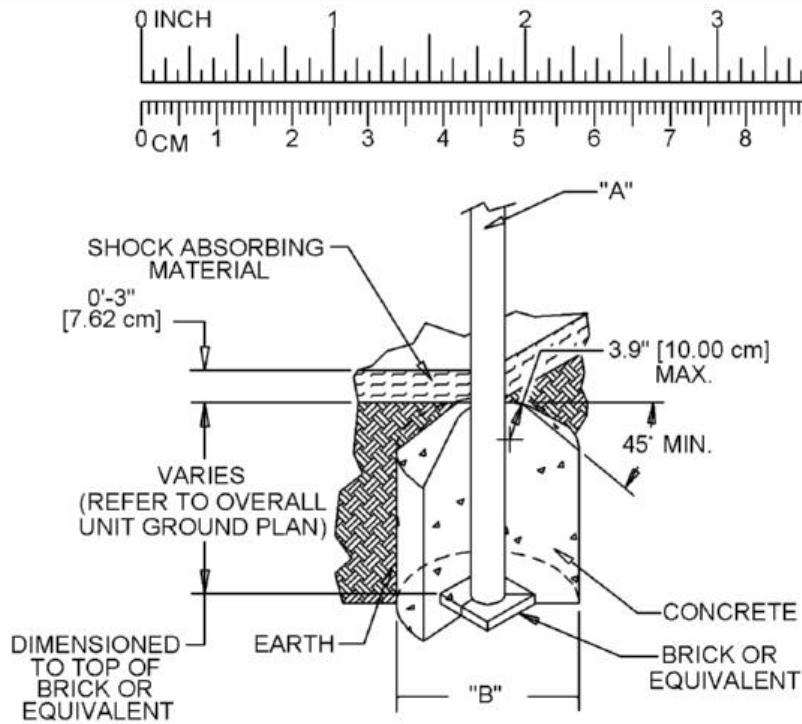
IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END
PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED

SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.

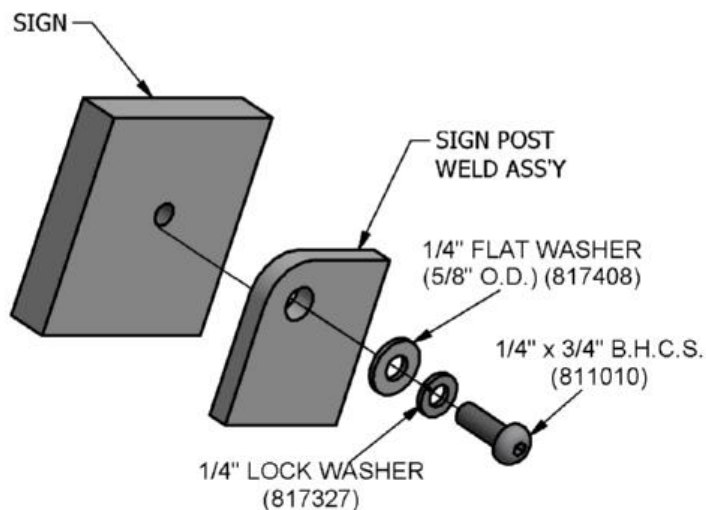


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]

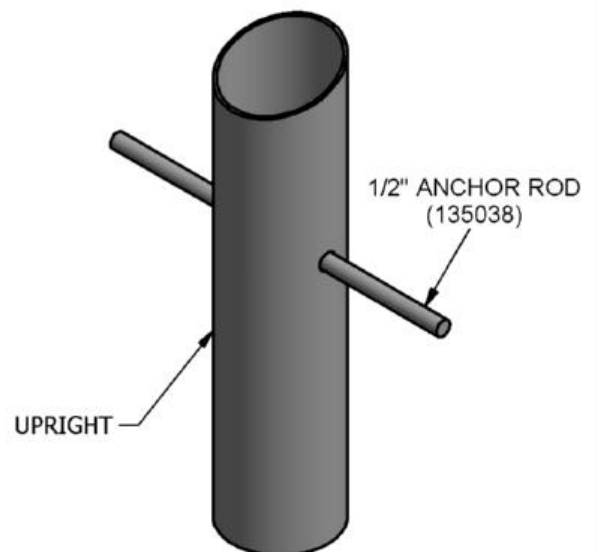
NOTES:

- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

298



834



837



A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 10/29/18

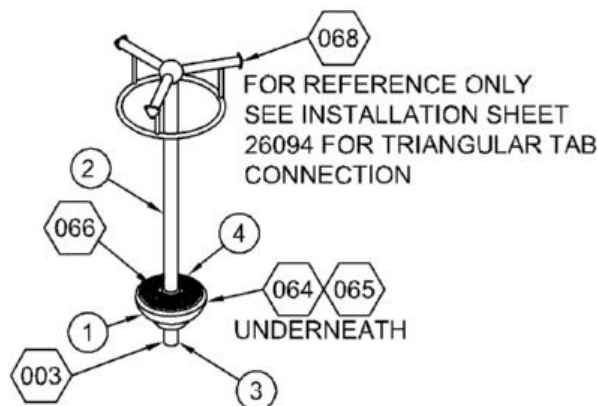
26057

2 WAY X-POD STEP

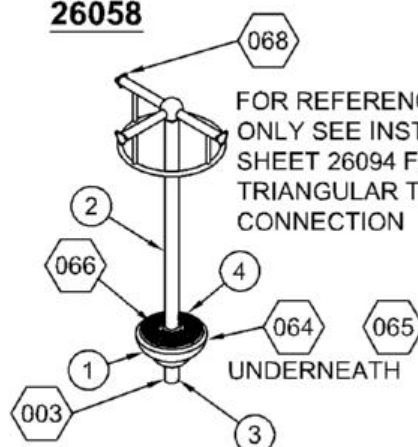
- ⬡ = INSTALLATION
DETAIL
- = PARTS LIST
REFERENCE

INSTRUCTIONS

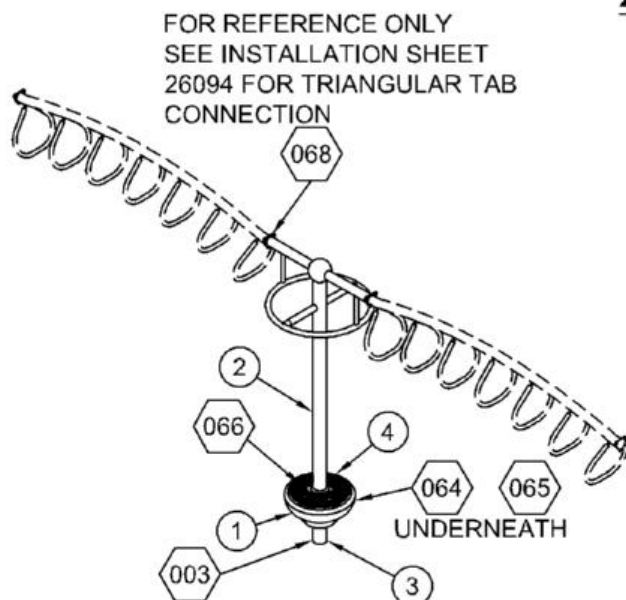
1. Before assembling this equipment, read the enclosed *INSTALLER INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the *ASSEMBLY DRAWING*. Refer to the assembly details for the specific hardware required in each connection.
3. Loctite (supplied by others) should be used on all threaded hardware.



26058



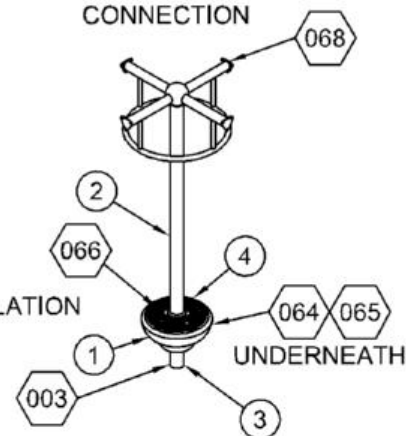
26121



26057

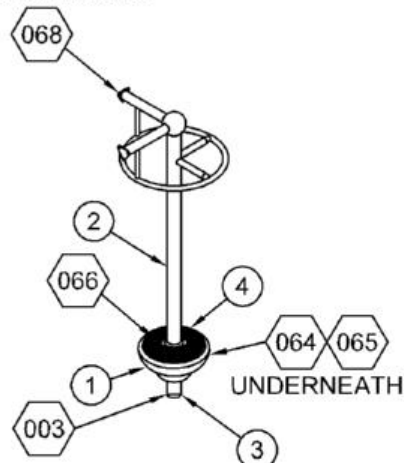
3 WAY	26058
4 WAY	26059
90° 3 WAY	26121
90° 2 WAY	26143

FOR REFERENCE ONLY
SEE INSTALLATION SHEET
26094 FOR TRIANGULAR TAB
CONNECTION



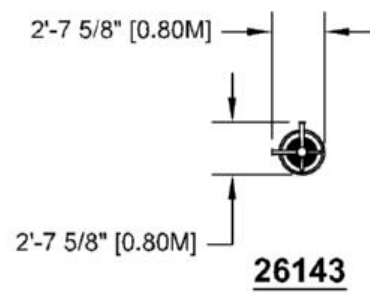
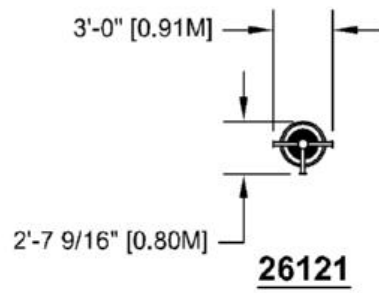
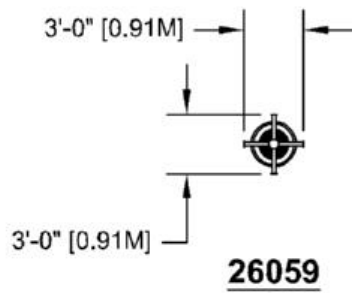
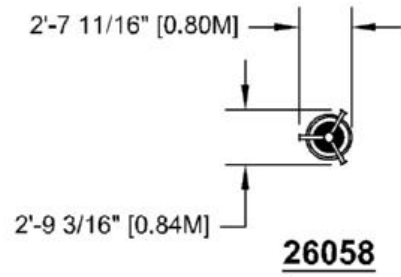
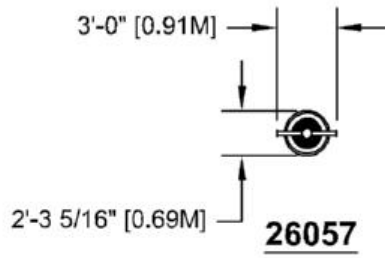
26059

FOR REFERENCE ONLY
SEE INSTALLATION SHEET
26094 FOR TRIANGULAR TAB
CONNECTION



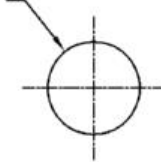
26143

ASSEMBLY DRAWINGS



TOP VIEWS

DIA. 1'-6" [45.72cm] x
2'-6" [76.20cm] DEEP



CONCRETE REQUIRED:
.10 CUBIC YARDS
(.08 CUBIC METERS)

GROUND PLAN

PARTS LIST

REF NO.	DESCRIPTION	NUMBER REQUIRED					PART NUMBER
		26057	26058	26059	26121	26143	
1	X-Pod Step	1	1	1	1	1	178658
2	2 Way X-Pod Step Weld Ass'y	1	0	0	0	0	178643
2	3 Way X-Pod Step Weld Ass'y	0	1	0	0	0	178654
2	90° 3 Way X-Pod Step Weld Ass'y	0	0	0	1	0	200210
2	4 Way X-Pod Step Weld Ass'y	0	0	1	0	0	178656
2	90° 2 Way X-Pod Step Weld Ass'y	0	0	0	0	1	202221
3	Ground Socket Weld Ass'y	1	1	1	1	1	178650
4	X-Pod Step Surface	1	1	1	1	1	201055
	Hardware Complete	1	1	1	1	1	178677
	3/8" x 1" P.B.H.C.S.	2	2	2	2	2	812050*
	3/8" x 2" P.B.H.C.S.	5	5	5	5	5	812055*
	3/8" x 3 3/4" Hex Head Bolt	2	2	2	2	2	801014*
	3/8" Lockwasher	9	9	9	9	9	817334*
	3/8" Flatwasher	7	7	7	7	7	817410*
	3/8" Hex Nut	2	2	2	2	2	804053*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

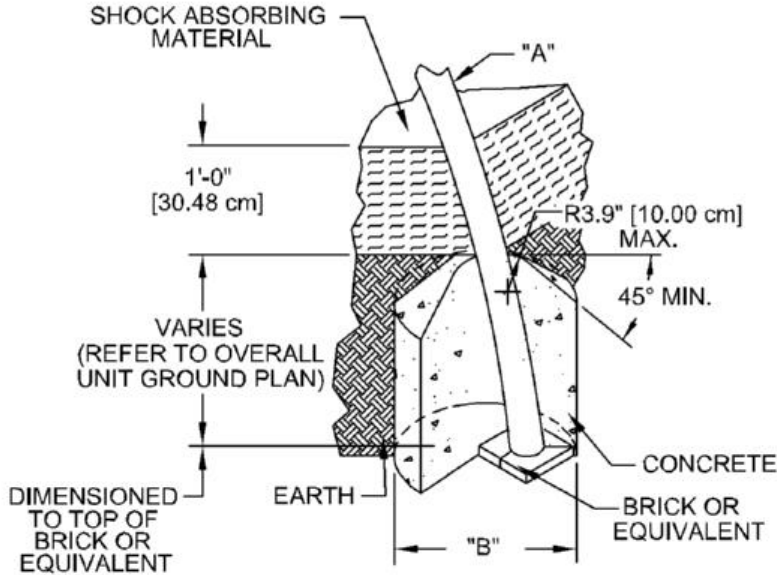
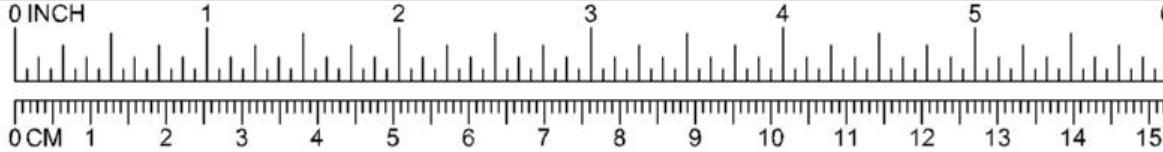
**Warning: During Installation, Hardware And Small Parts Are Choking Hazards
For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed.
Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment
And Dispose/Save Them In A Secure Location.**

DETAILS -for- 26057, 26058, 26059 AND 26143

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.

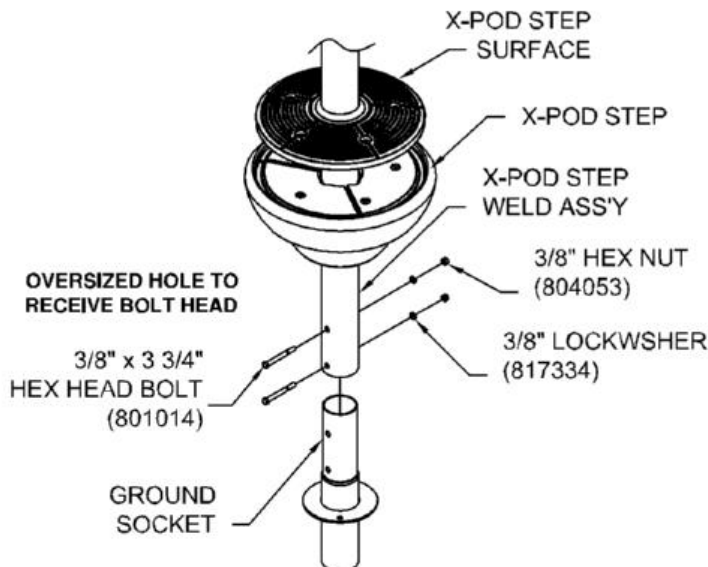


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
SWINGS	
3 1/2" [8.89 cm]	2'-0" [60.96 cm]

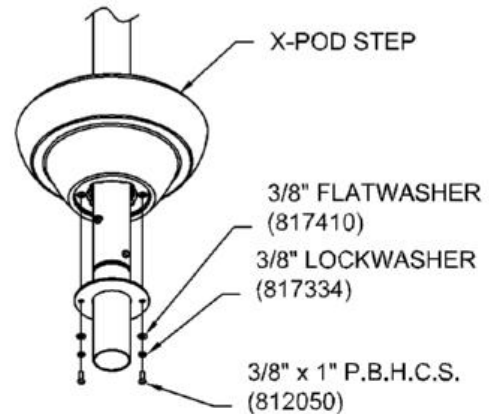
NOTES:
 -SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1
 -SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

003

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



064



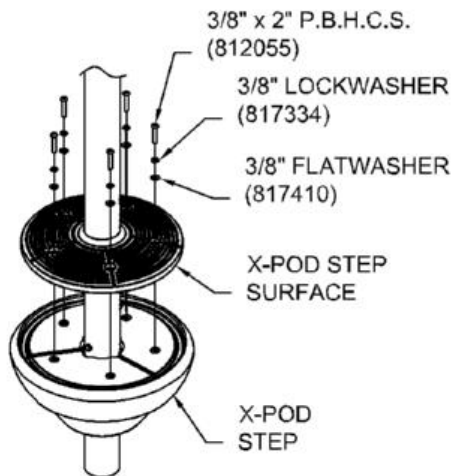
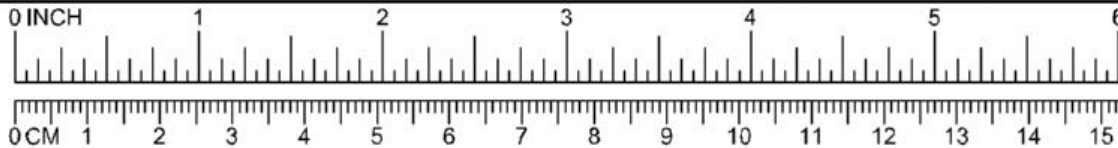
065

DETAILS -for- 26057, 26058, 26059 AND 26143

IMPORTANT

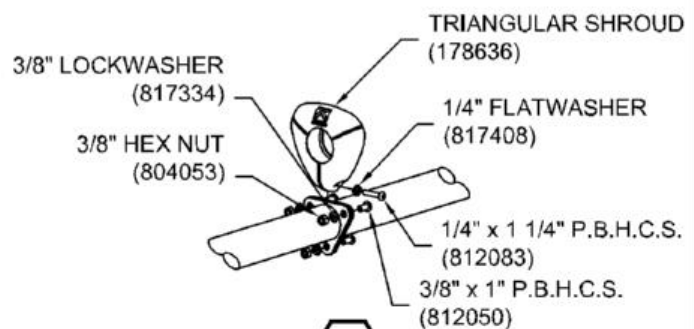
To Reduce the Risk of Clothing Entanglement in Compliance with ASTM F1487, Any Bolt End Protruding More Than Two Full Threads Beyond the Face of the Nut Shall Be Cut-Off Flush, Filed Smooth and Treated to Prevent Corrosion.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



066

STRETCH TRIANGULAR SHROUD OVER TRIANGLE TABS BEFORE INSTALLING 1/4\"



068

NOTE: SEE INSTALLATION SHEET 26094 FOR RUBBER SHROUD CONNECTION DETAIL. HARDWARE FOR THIS CONNECTION IS LOCATED IN HARDWARE COMPLETE #178755



Enriching Childhood Through Play.

1-800-235-2440

ISSUED/REVISED: 9/27/12

26063

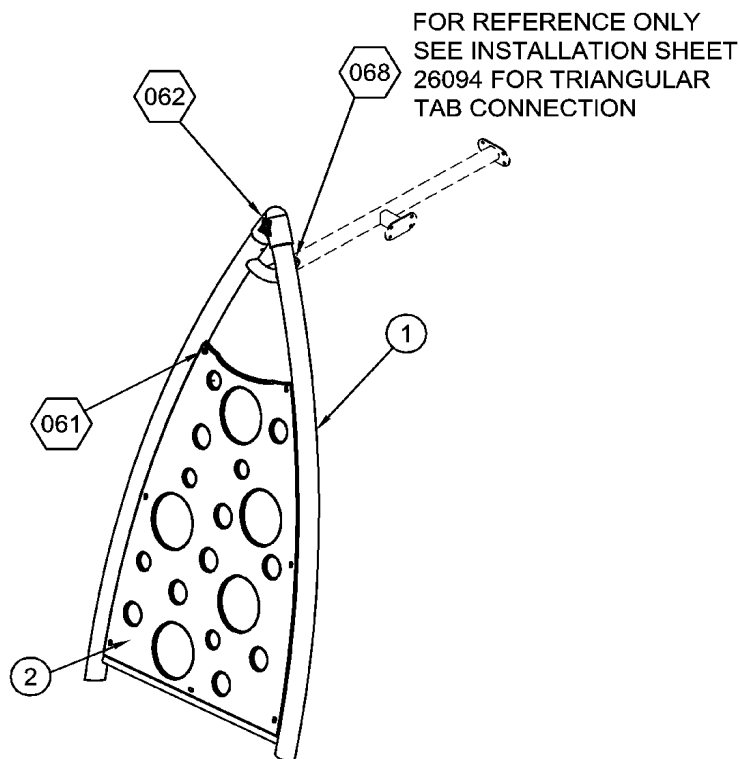
BUBBLE CLIMBING WALL

 = INSTALLATION
DETAIL

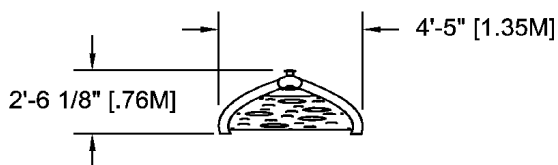
 = PARTS LIST
REFERENCE

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed *INSTALLER INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the *ASSEMBLY DRAWING*. Refer to the assembly details for the specific hardware required in each connection.



ASSEMBLY DRAWING



TOP VIEW

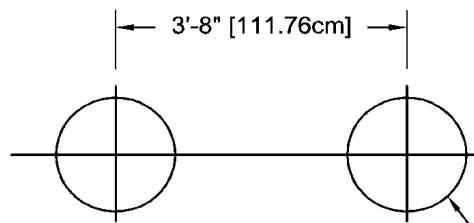
PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D	PART NUMBER
1	Frame Assembly	1	178702
2	Bubble Panel	1	176847
	Hardware Complete	1	178695
	3/8" X 1" P.B.H.C.S. w/Patch	7	812050*
	3/8" Lock Washer	7	817334*
	3/8" Barrel Nut	7	804804*
	3/8" Flat Washer (1 1/4" O.D.)	7	817424*
	1/2" Flat Washer	7	817412*
	Wall Topper	1	178675*
	3/8" X 1/2" P.B.H.C.S. w/Patch	2	812049*
	3/8" Flat Washer	2	817410*

Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Loctite (supplied by others) should be used on all threaded hardware.



CONCRETE REQUIRED:
.20 CUBIC YARDS
(.16 CUBIC METERS)

1'-6" [35.56cm] DIA. x
2'-6" [76.20cm] DEEP

GROUND PLAN

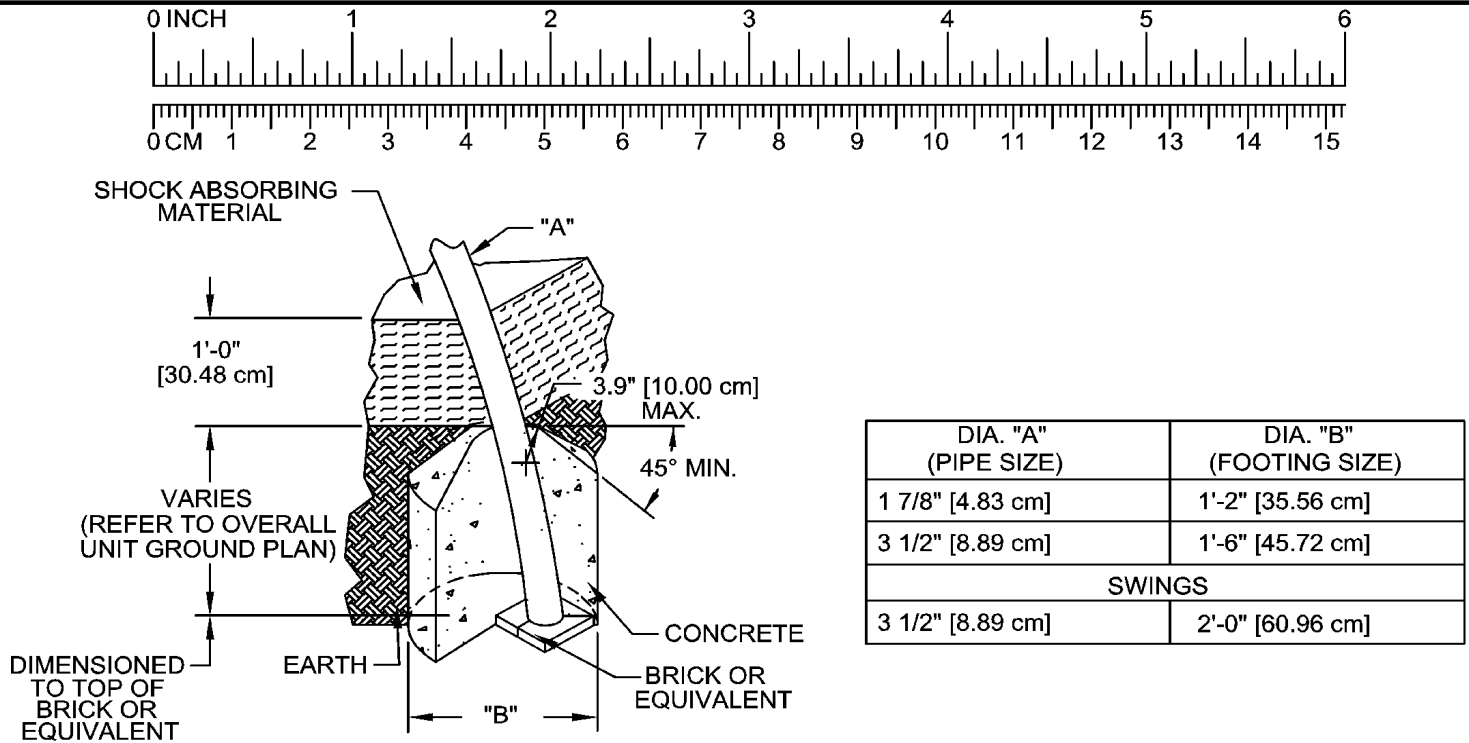
NOTE:
HOLE DEPTHS INDICATED ON ALL GROUND
PLANS ARE MEASURED FROM THE
FINISHED SURFACE. SEE DETAIL 003. ALL
FOOTING DIMENSIONS ARE BASED ON
LEVEL FINISHED SURFACE.

DETAILS -for- 26063

IMPORTANT

To REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.

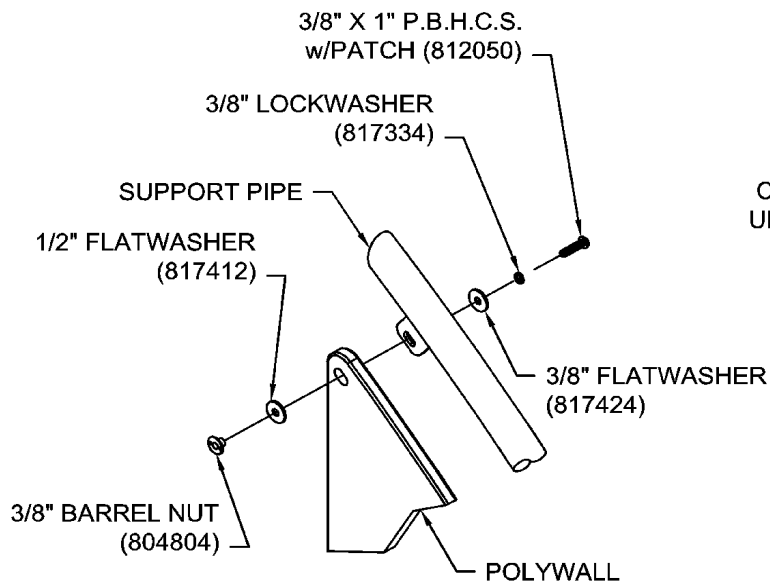


NOTES:

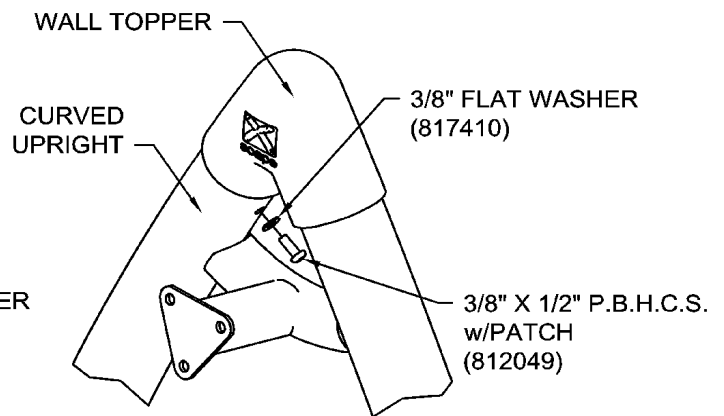
- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

003

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



061



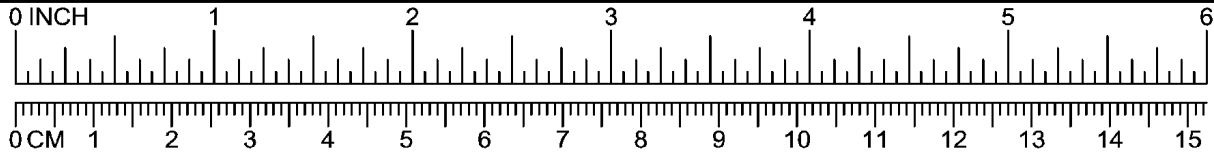
062

DETAILS -for- 26063

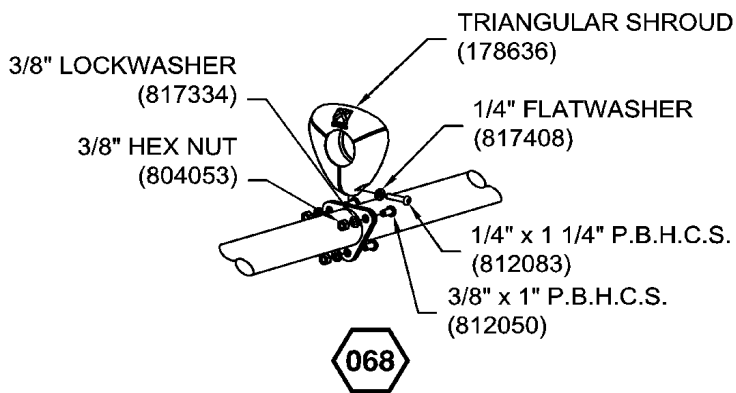
IMPORTANT

To Reduce the Risk of Clothing Entanglement in Compliance with ASTM F1487, Any Bolt End Protruding More Than Two Full Threads Beyond the Face of the Nut Shall Be Cut-Off Flush, Filed Smooth and Treated to Prevent Corrosion.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



STRETCH TRIANGULAR SHROUD
OVER TRIANGLE TABS BEFORE
INSTALLING 1/4" x 1 1/4" B.H.C.S.



NOTE: SEE INSTALLATION SHEET
26094 FOR RUBBER SHROUD
CONNECTION DETAIL. HARDWARE
FOR THIS CONNECTION IS LOCATED
IN HARDWARE COMPLETE #178755



Enriching Childhood Through Play.

1-800-235-2440

ISSUED/REVISED: 10/01/12

26071

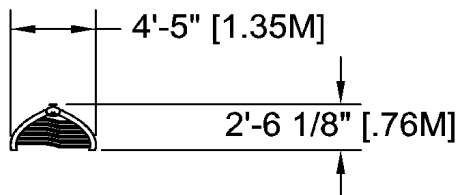
SYMMETRIC CLIMBING WALL

 = INSTALLATION
DETAIL

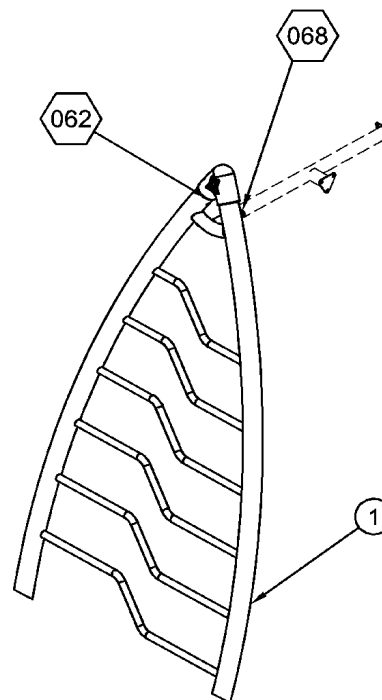
 = PARTS LIST
REFERENCE

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed *INSTALLER INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the *ASSEMBLY DRAWING*. Refer to the assembly details for the specific hardware required in each connection.



TOP VIEW



ASSEMBLY DRAWING

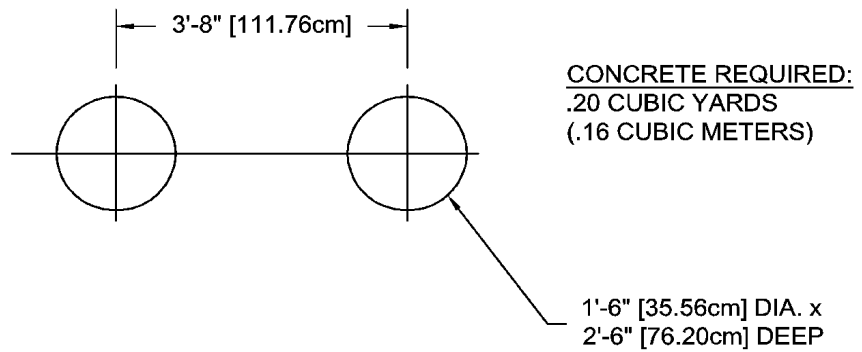
PARTS LIST

REF NO.	DESCRIPTION	26071	PART NUMBER
1	Symmetric Climbing Wall Assy.	1	178737
	Hardware Complete	1	203234
	Wall Topper	1	178675*
	3/8" x 1/2" P.B.H.C.S. w/Patch	2	812049*
	3/8" Flat Washer	2	817410*

Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Loctite (supplied by others) should be used on all threaded hardware.



GROUND PLAN

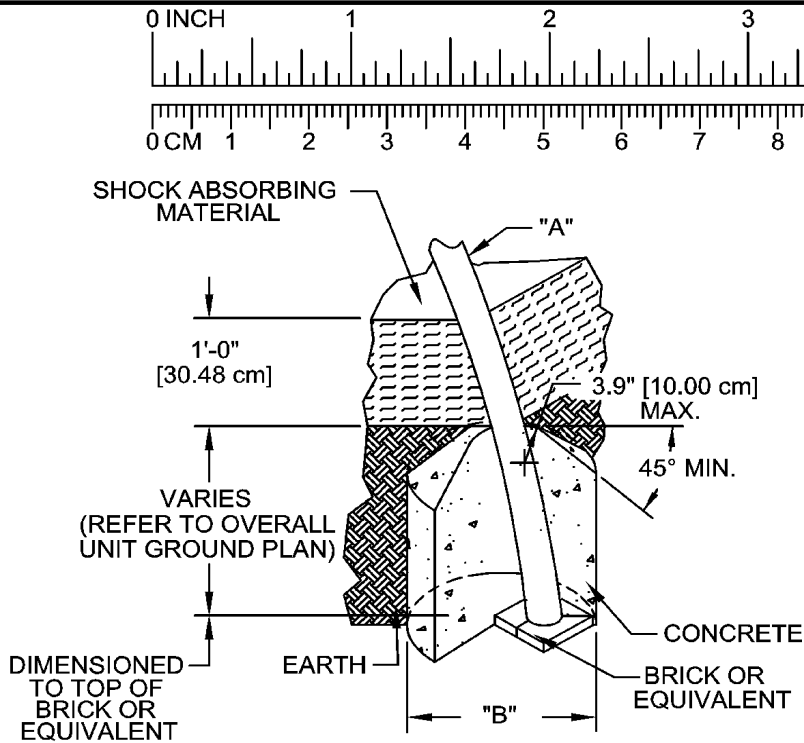
NOTE:
HOLE DEPTHS INDICATED ON ALL GROUND
PLANS ARE MEASURED FROM THE
FINISHED SURFACE. SEE DETAIL 003. ALL
FOOTING DIMENSIONS ARE BASED ON
LEVEL FINISHED SURFACE.

DETAILS -for- 26071

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



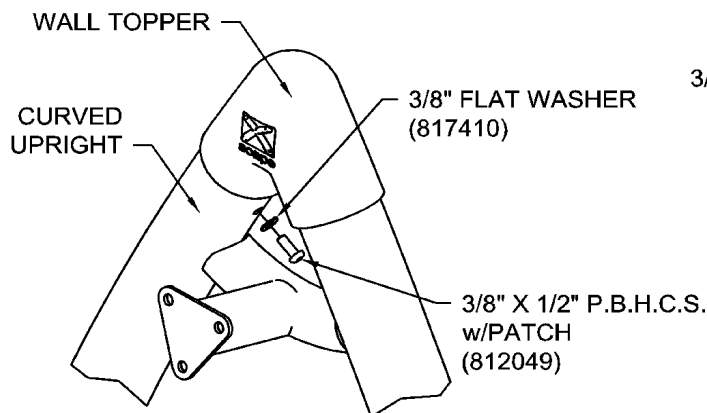
NOTES:

- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

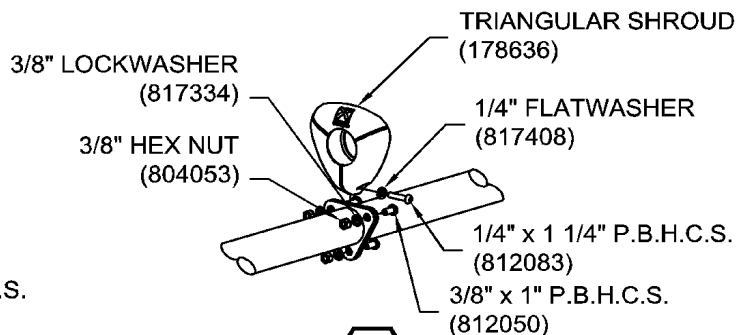
003

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

STRETCH TRIANGULAR SHROUD OVER TRIANGLE TABS BEFORE INSTALLING 1/4" x 1 1/4" B.H.C.S.



062



068

NOTE: SEE INSTALLATION SHEET 26094 FOR RUBBER SHROUD CONNECTION DETAIL. HARDWARE FOR THIS CONNECTION IS LOCATED IN HARDWARE COMPLETE #178755



Enriching Childhood Through Play.

1-800-235-2440

ISSUED/REVISED: 2/12/09

26080

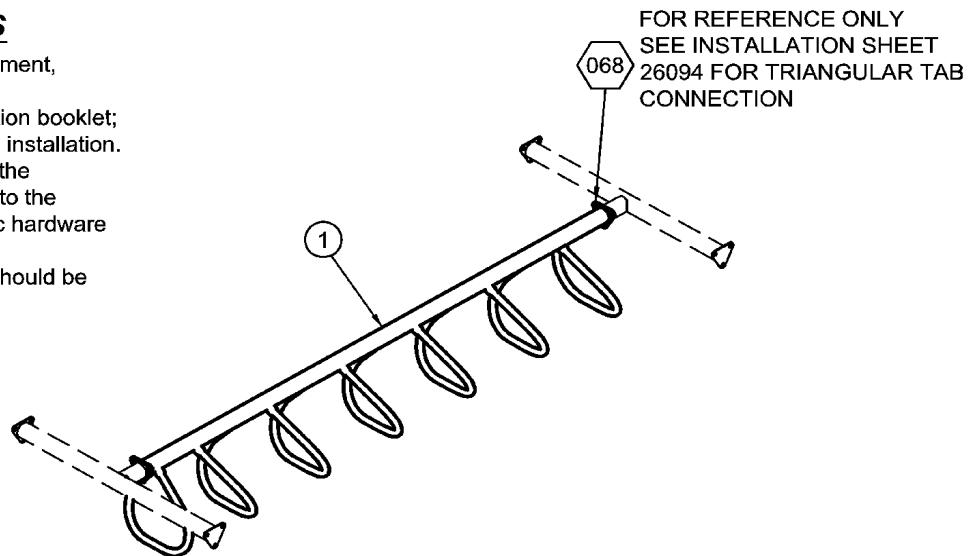
STRETCHED LOOP LADDER

 = INSTALLATION
DETAIL

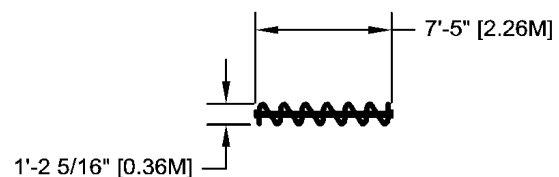
 = PARTS LIST
REFERENCE

INSTRUCTIONS

1. Before assembling this equipment, read the enclosed *INSTALLER INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the *ASSEMBLY DRAWING*. Refer to the assembly details for the specific hardware required in each connection.
3. Loctite (supplied by others) should be used on all threaded hardware.



ASSEMBLY DRAWING



TOP VIEW

PARTS LIST

REF NO.	DESCRIPTION	No. REQ'd	PART NUMBER
1	Stretched Loop Ladder	1	178778

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

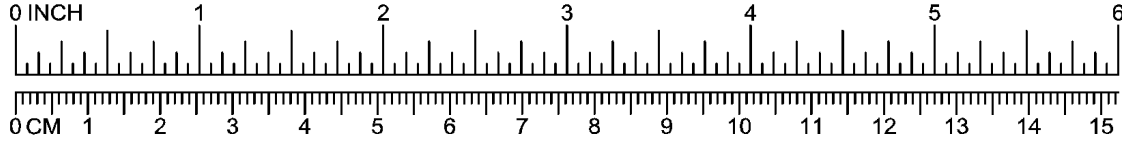
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

DETAILS -for- 26080

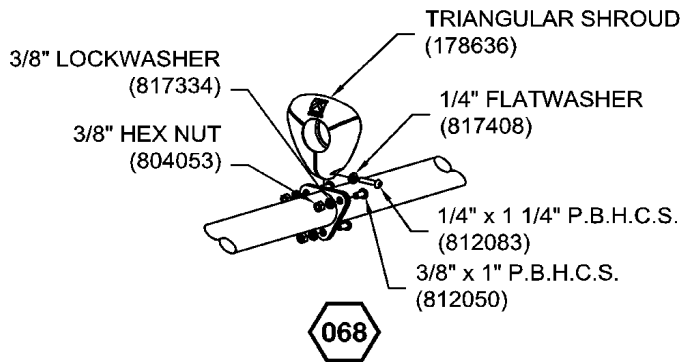
IMPORTANT

To Reduce the Risk of Clothing Entanglement in Compliance with ASTM F1487, Any Bolt End Protruding More Than Two Full Threads Beyond the Face of the Nut Shall Be Cut-Off Flush, Filed Smooth and Treated to Prevent Corrosion.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



STRETCH TRIANGULAR SHROUD
OVER TRIANGLE TABS BEFORE
INSTALLING 1/4" x 1 1/4" B.H.C.S.



NOTE: SEE INSTALLATION SHEET
26094 FOR RUBBER SHROUD
CONNECTION DETAIL. HARDWARE
FOR THIS CONNECTION IS LOCATED
IN HARDWARE COMPLETE #178755



Enriching Childhood Through Play.

1-800-235-2440

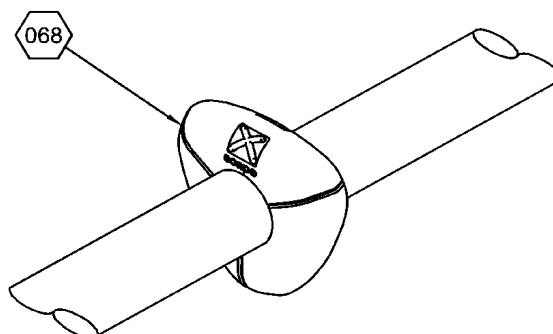
ISSUED/REVISED: 2/4/09

26094

TRIANGULAR SHROUD

 = INSTALLATION
DETAIL

 = PARTS LIST
REFERENCE



INSTRUCTIONS

1. Before assembling this equipment, read the enclosed *INSTALLER INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the *ASSEMBLY DRAWING*. Refer to the assembly details for the specific hardware required in each connection.
3. Loctite (supplied by others) should be used on all threaded hardware.

ASSEMBLY DRAWING

PARTS LIST

REF NO.	DESCRIPTION	No. REQ'D	PART NUMBER
	Hardware Complete	1	178755
	Triangular Shroud	1	178636*
	3/8" x 1" P.B.H.C.S.	3	812050*
	3/8" Lockwasher	3	817334*
	3/8" Hex Nut	3	804053*
	1/4" x 1 1/4" P.B.H.C.S.	1	812083
	1/4" Flatwasher	1	817408*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

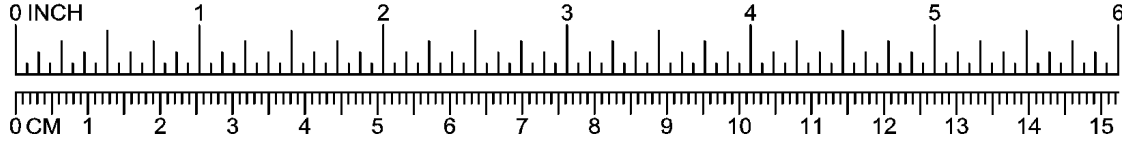
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

DETAILS -for- 26094

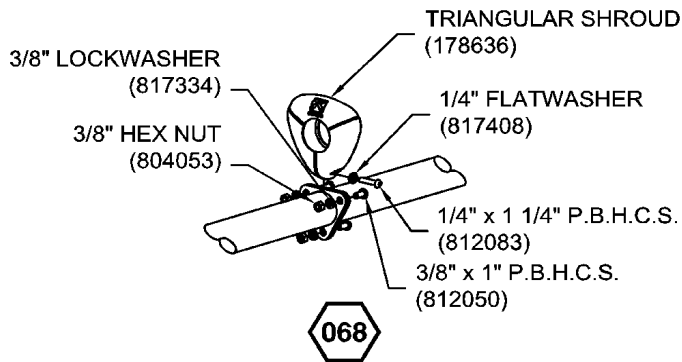
IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



STRETCH TRIANGULAR SHROUD
OVER TRIANGLE TABS BEFORE
INSTALLING 1/4" x 1 1/4" B.H.C.S.





A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 11/11/19

26162 POWERSCAPE CONNECTSCAPE CLIMBER

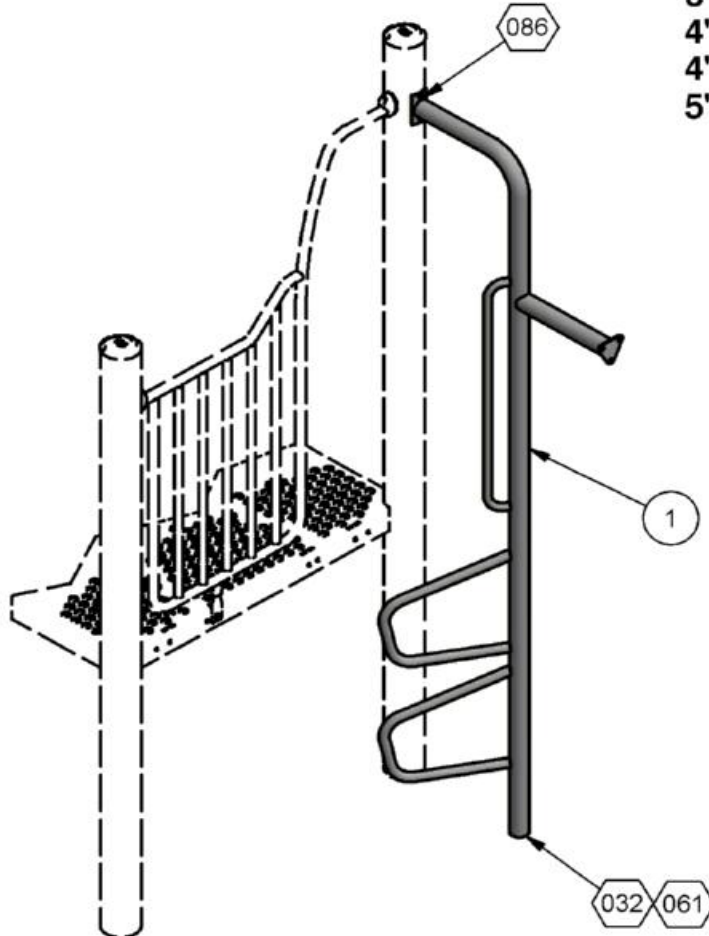
⬡ = INSTALLATION
DETAIL
○ = PARTS LIST
REFERENCE



INSTALLATION INSTRUCTIONS

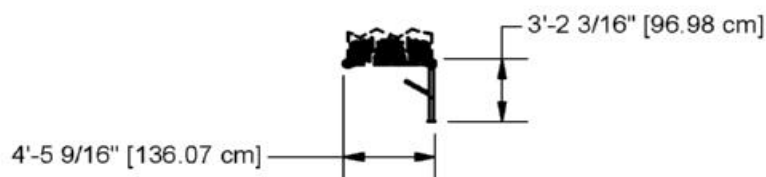
1. Before assembling this equipment, read the enclosed INSTALLATION INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.

2'-6"	26162
3'-0"	26163
3'-6"	26164
4'-0"	26165
4'-6"	26166
5'-0"	26167



DETAIL 061 IS USED FOR
26163, 26165 AND 26167

ASSEMBLY VIEW 26164 SHOWN



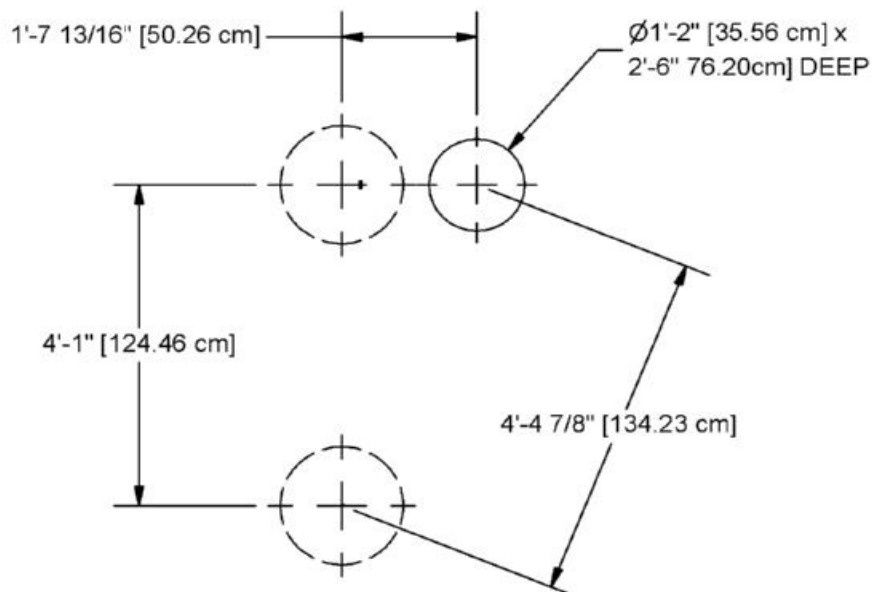
TOP VIEW

Parts List								
REF.	DESCRIPTION	26162	26163	26164	26165	26166	26167	PART NUMBER
1	2'-6" CONNECTSCAPE CLIMBER WELD ASS'Y	1	0	0	0	0	0	205966
1	3'-0" CONNECTSCAPE CLIMBER WELD ASS'Y	0	1	0	0	0	0	205968
1	3'-6" CONNECTSCAPE CLIMBER WELD ASS'Y	0	0	1	0	0	0	205970
1	4'-0" CONNECTSCAPE CLIMBER WELD ASS'Y	0	0	0	1	0	0	205972
1	4'-6" CONNECTSCAPE CLIMBER WELD ASS'Y	0	0	0	0	1	0	205974
1	5'-0" CONNECTSCAPE CLIMBER WELD ASS'Y	0	0	0	0	0	1	205976
	HARDWARE COMPLETE	1	0	1	0	1	0	205977
	HARDWARE COMPLETE	0	1	0	1	0	1	205978
	6" EXTENSION	0	1	0	1	0	1	151080*
	3/8" x 1" P.B.H.C.S. w/PATCH	2	2	2	2	2	2	812050*
	3/8" LOCK WASHER	2	3	2	3	2	3	817334*
	3/8" x 3 1/2" HEX HEAD BOLT	0	1	0	1	0	1	801013*
	3/8" LOCK NUT	0	1	0	1	0	1	804053*
	3/8" FLAT WASHER	2	2	2	2	2	2	817410*

Unless Otherwise Specified, All Units of Measure are Each
 * Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.



CONCRETE REQUIRED:
 .06 CUBIC YARDS
 [.05 CUBIC METERS]

NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE DETAIL 005. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

GROUND PLAN

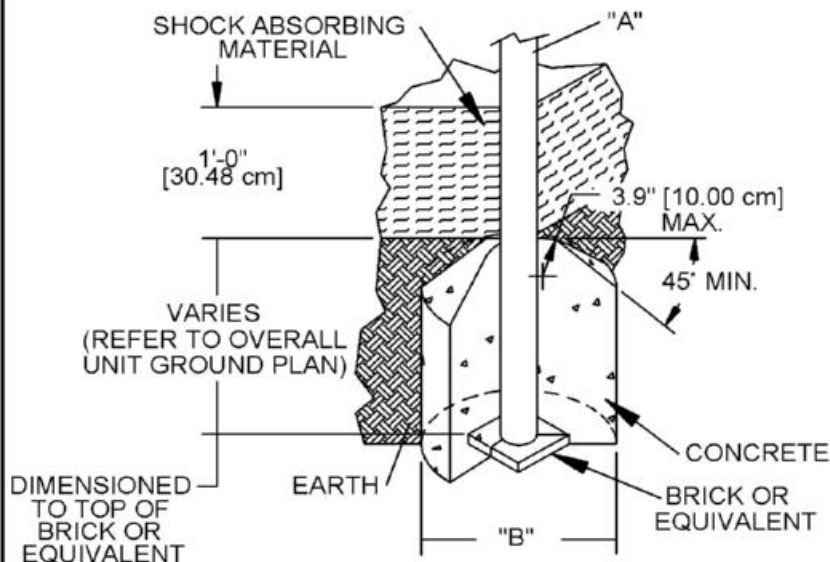
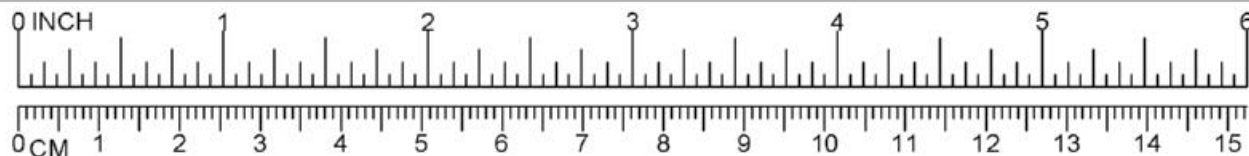
DETAILS -for- 26162 THRU 26167

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END
PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED
SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]
TRACK RIDE & SWINGS	
5" [12.70 cm]	2'-0" [60.96 cm]
TREE SCAPE	
5" [12.70 cm]	4'-0" [121.92 cm]

NOTES:

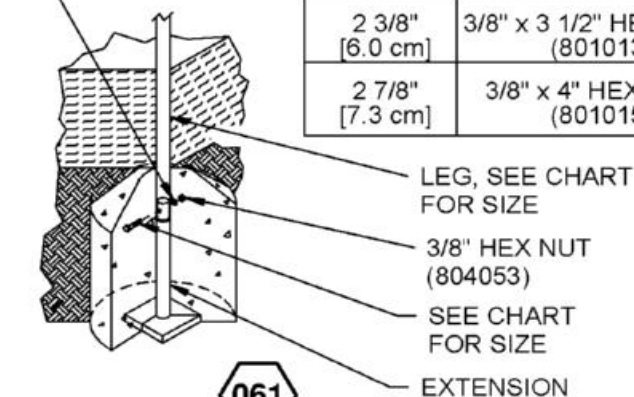
- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

032

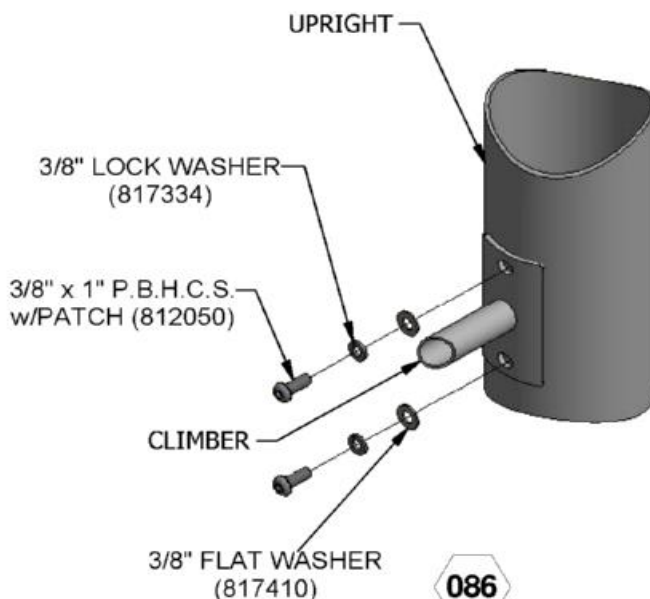
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

LEG (PIPE DIA.)	BOLT REQUIRED
1 5/16" [3.3 cm]	3/8" x 2" HEX HEAD (801007)
1 5/8" [4.1 cm]	3/8" x 2 1/2" HEX HEAD (801009)
1 7/8" [4.7 cm]	3/8" x 3" HEX HEAD (801011)
2 3/8" [6.0 cm]	3/8" x 3 1/2" HEX HEAD (801013)
2 7/8" [7.3 cm]	3/8" x 4" HEX HEAD (801015)

3/8" LOCKWASHER (817334)



061



086



A PLAYCORE Company

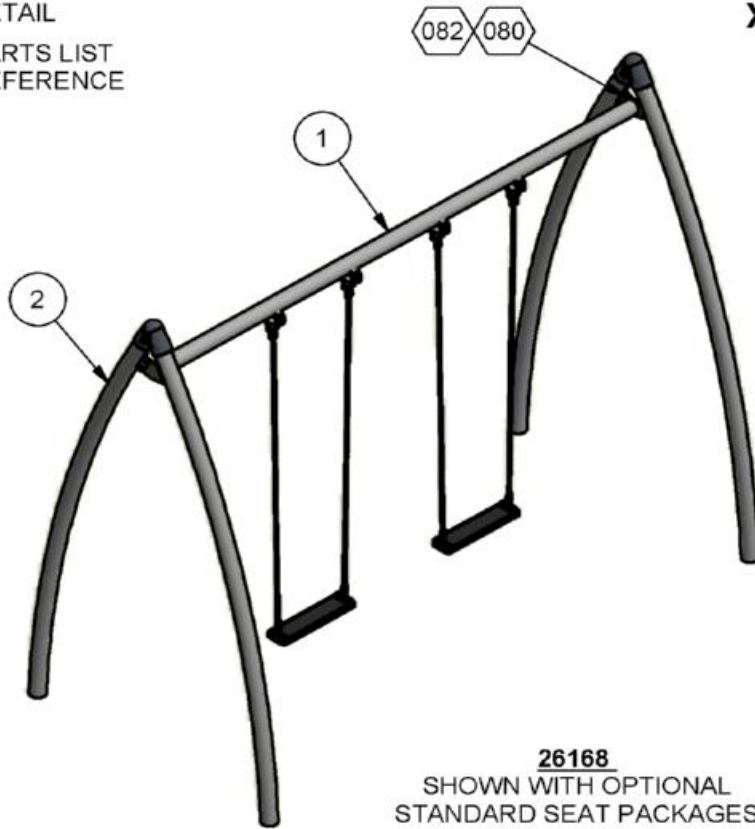
1-800-235-2440

ISSUED/REVISED: 3/28/2022

26168 XSCAPE SWING

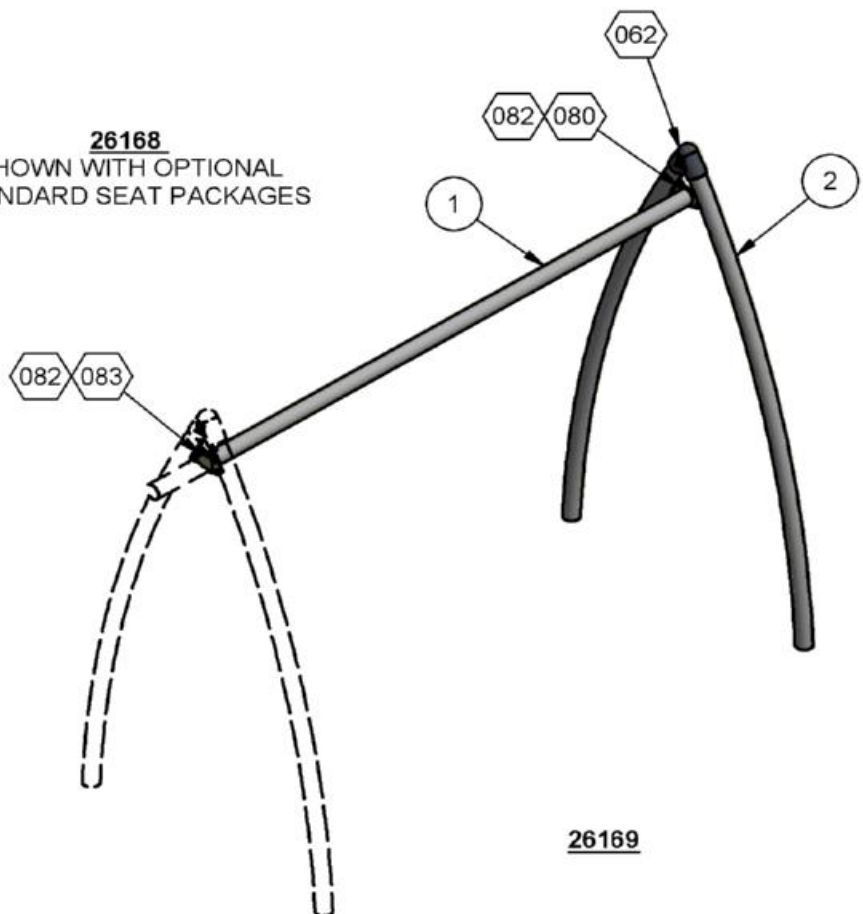
- ⬡ = INSTALLATION
DETAIL
- = PARTS LIST
REFERENCE

XSCAPE SWING 26168
XSCAPE SWING ADD-A-BAY 26169



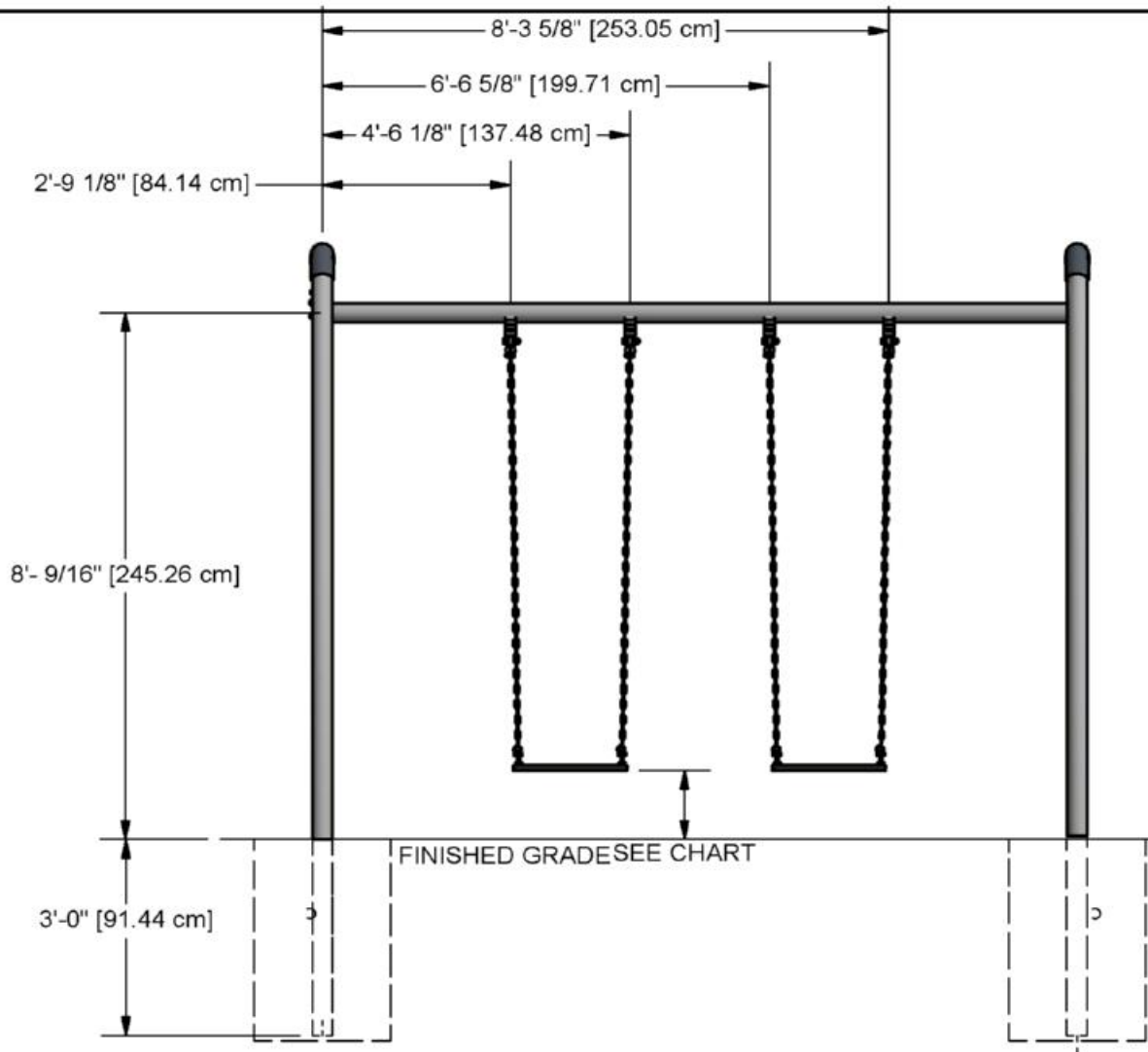
26168
SHOWN WITH OPTIONAL
STANDARD SEAT PACKAGES

ASSEMBLY DRAWINGS



26169

NOTE: SWING SEAT PACKAGES
SHOWN ON ASSEMBLY DRAWINGS
NOT INCLUDED. SHOWN FOR
ILLUSTRATION ONLY.



26168 SHOWN (26169 SIMILAR)
WITH OPTIONAL STANDARD
SEAT PACKAGES (NOT INCLUDED)

DIMENSION FROM UNDERSIDE OF SEAT TO PROTECTIVE SURFACING		
STANDARD	MIN.	MAX.
*CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

*UNDER LOADED CONDITION BASED ON WEIGHT OF 165lb. [75kg.]

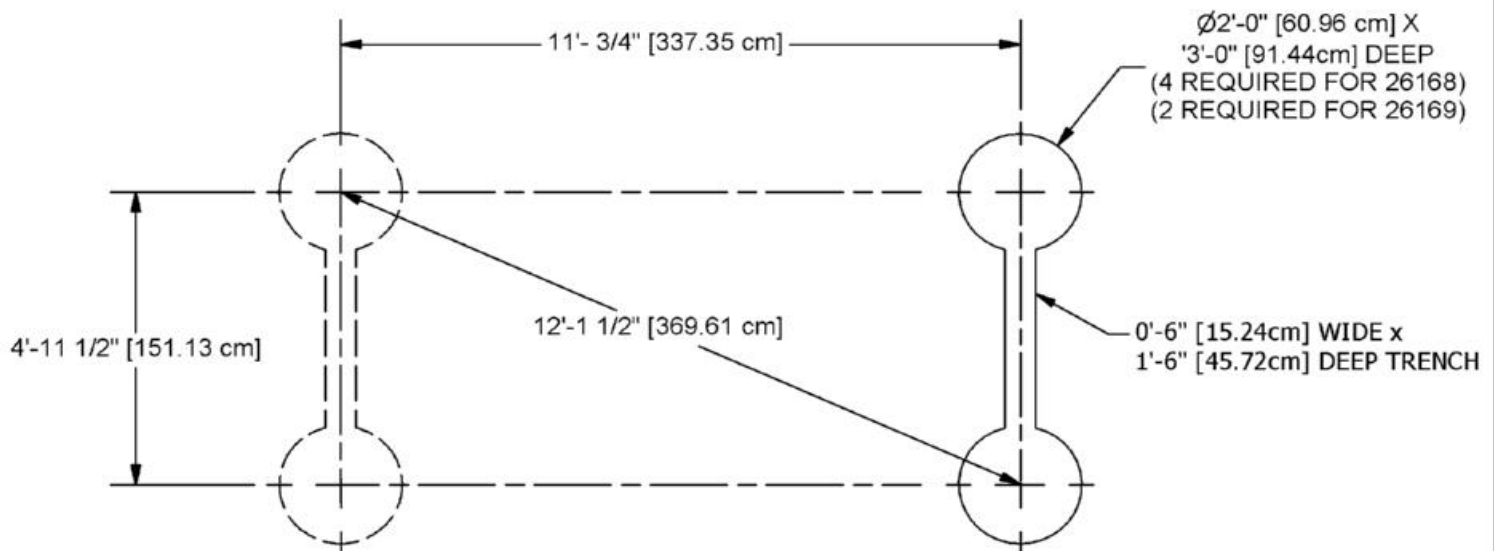
Parts List				
ITEM	DESCRIPTION	26168	26169	PART NUMBER
1	TOPRAIL WELD ASS'Y	1	1	208810
2	SWING UPRIGHT	4	2	179776
3	SPACE BAR	2	1	179780
	HARDWARE COMPLETE	1	0	179885
	HARDWARE COMPLETE	0	1	179886
	WALL TOPPER	2	1	178675*
	3/8" x 1/2" P.B.H.C.S. w/PATCH	12	2	812049*
	3/8" x 3/4" P.B.H.C.S. w/PATCH	0	4	812052*
	3/8" FLAT WASHER	4	2	817410*
	3/8" BARREL NUT	8	4	804804*
	1/2" NORD LOC WASHER	8	4	817742*
	3/8" DISK-LOCK WASHER	8	4	817743*
	3/8" x 5" HEX HEAD BOLT	4	2	801019*
	3/8" HEX NUT	4	2	804053*

Unless Otherwise Specified, All Units of Measure are Each
 * Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

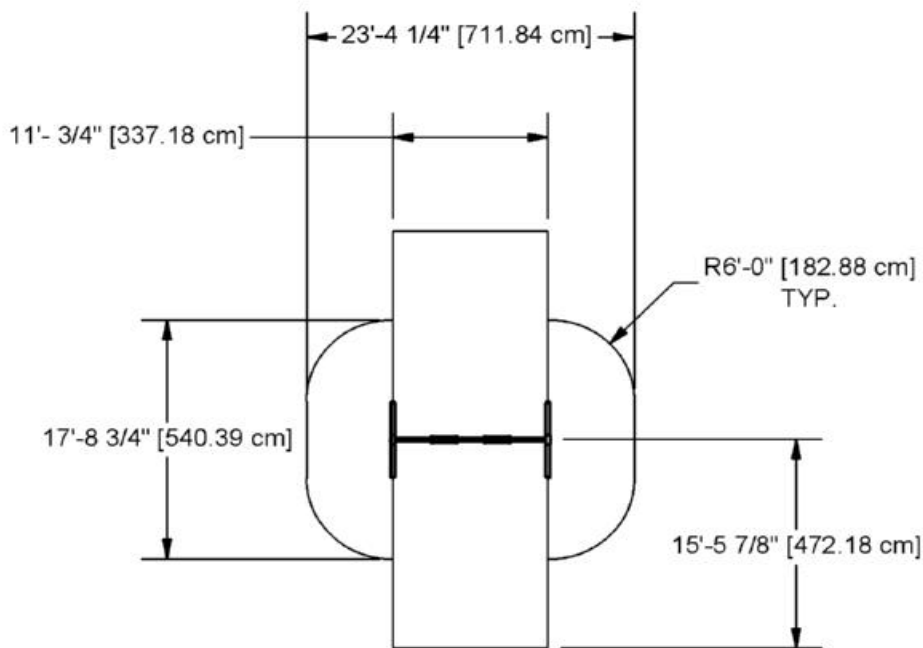


NOTE: NO CONCRETE IS REQUIRED FOR TRENCH.

NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE DETAIL 003. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

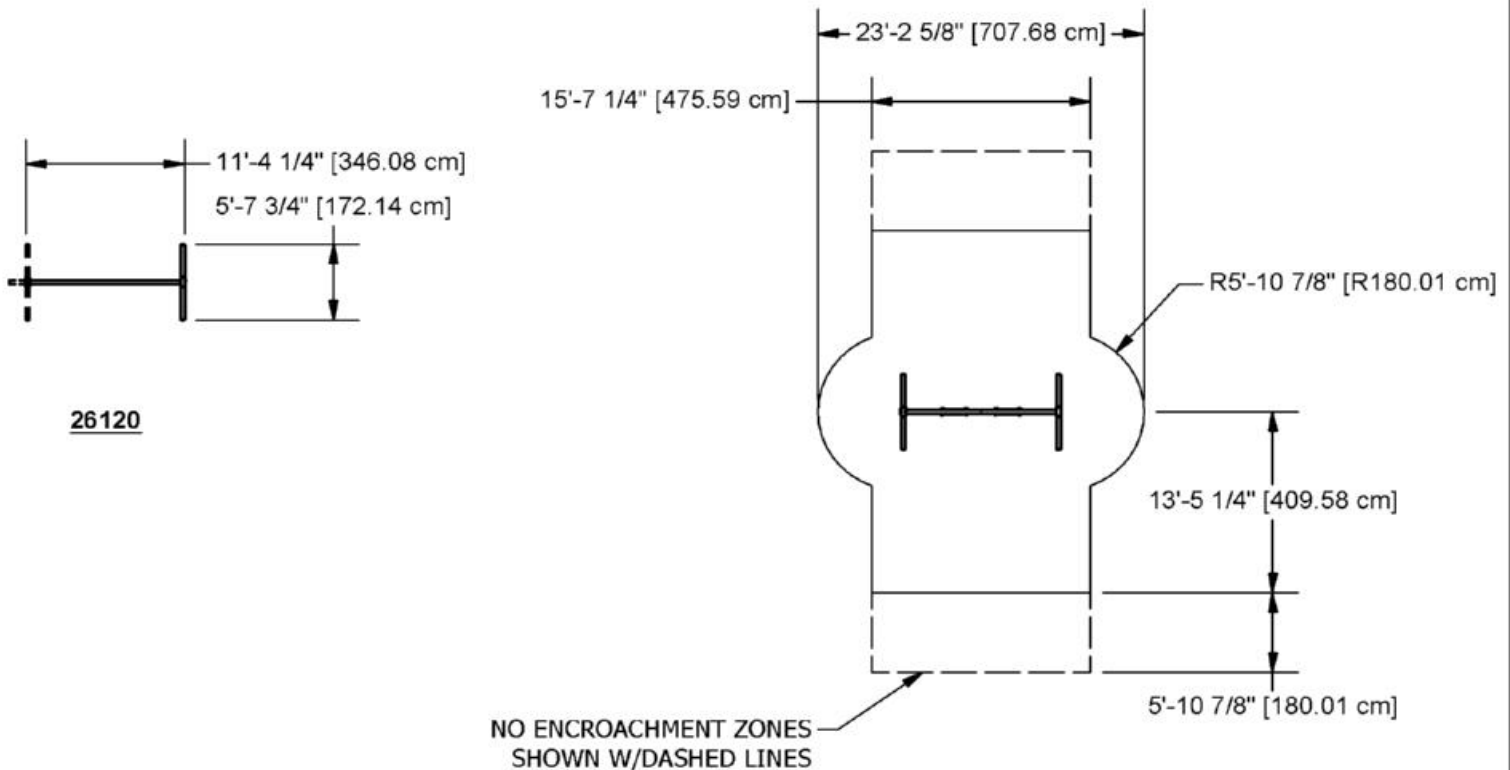
CONCRETE REQUIRED: 26168
 .92 CUBIC YARDS
 .70 CUBIC METERS

CONCRETE REQUIRED: 26169
 .46 CUBIC YARDS
 .35 CUBIC METERS



TOP VIEWS

26168



26168 (CSA ONLY)

NOTE:

1. OWNER/OPERATOR SHALL INSTALL AND MAINTAIN PROTECTIVE SURFACING WITHIN THE USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) OF ALL PLAY EQUIPMENT TO COMPLY WITH ASTM F-1292 AND ASTM F-1487 (U.S.) or CAN/CSA-Z-614 (CANADA).
2. SOLID OUTSIDE BORDER REPRESENTS MINIMUM REQUIRED ASTM USE ZONE AND CSA PROTECTIVE SURFACING ZONE FOR SWING FRAME SHOWN.
3. DASHED LINES REPRESENT CSA NO ENCROACHMENT ZONE (CANADA ONLY).
4. *EACH ADDITIONAL CONNECTED SWING FRAME BAY INCREASES THE USE ZONE SURFACING, AND NO ENCROACHMENT ZONE DIMENSIONS BY 11'- 3/4" [3.37M].

SPECIFICATIONS

TOPRAIL: Shall be fabricated of 3-1/2" O.D. (11 Gauge) galvanized steel tubing with 1/4" stainless steel plate.

CROSSBAR: Shall be fabricated of 1 1/16" OD galvanized steel tubing.

UPRIGHTS: Shall be fabricated of 3-1/2" O.D. (13 Gauge) galvanized steel tubing. Upright includes a welded hot rolled steel tab to which the toprail is fastened.

FINISH: Shall be an electrostatically applied custom formula of TGIC polyester powder with baked finish. Specify color desired.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless

steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro-deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

WALL TOPPER: Shall be fabricated from EPDM rubber with a Durameter of 70.

SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to change specifications without notice.

INSTALLATION INSTRUCTIONS

NOTE: THIS INSTALLATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions.

NOTE: It is important to check the hole location in the upright and on the drawings while assembling this unit.

STEP 1: Dig holes according to the Ground Plan (see Detail 003 also). Place a brick or equivalent at the bottom of the hole to provide a solid foundation. Allow for this in hole depth (see Detail 003).

STEP 2: Attach toprail to tabs in uprights using 3/8" x 1/2" P.B.H.C.S., 2 1/2" disk-lock washers, 2 3/8" disk-lock washers, and 3/8" Barrel nuts (see Details 080 and 082) for ends. For Add-a-bay use 3/8" x 3/4" P.B.H.C.S., 1/2" disk-lock washers, 3/8" disk-lock washers, and 3/4" Barrel nuts (see Details 082 and 083).

STEP 3: Attach Wall toppers to Uprights (See Detail 062).

STEP 4: Attach Spacer Bar to uprights using 3/8" x 5" Hex Head Bolt and 3/8" Hex nut (Detail 081).

STEP 5: Set frame in holes, making sure that legs rest on foundation bricks. Check to ensure swing is level.

STEP 6: Fill holes with concrete per Detail 003. Plumb and brace assembly. Allow a minimum of 48 hours for concrete to harden before continuing.

NOTE: Loctite (supplied by others) should be used on all threaded hardware.

STEP 7: Place swing hangers on toprail using Assembly Drawing for spacing. Hang seats per Installation Sheet for swing seats.

STEP 8: After assembly is complete, place manufacturer's I.D. label in a visible location.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- ☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- ☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ☐ Equipment should be placed to eliminate conflicting traffic patterns.
- ☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.
- ☐ All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ☐ Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- ☐ Check for and repair damage caused by wear or vandalism, a major factor in injury causing situations.
- ☐ GAMETIME® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- ☐ Never add components not intended for use with this product.
- ☐ Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- ☐ Proper maintenance of GAMETIME® equipment requires regular tightening of all bolts, nuts, and set screws.
- ☐ Check to be sure all fittings are tight and that the bars and pipes do not move.
- ☐ A soft resilient surface should be placed under all climbers, extending at least six feet in all directions surrounding the climbers. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.
- ☐ Assemble all slides on level ground to insure proper run-off of slide bedway. The run-off portion of bedway should slope downward no more than 4 degrees.
- ☐ Examine bedway, bedrails, handrails for foreign objects, holes and rough edges.
- ☐ Because metal slides left in the sun can cause burns, they should be placed in shaded areas whenever possible. Placing metal slides in a shaded location will also prevent them from reflecting the glare of the sun and interfering with children's vision.
- ☐ A soft, resilient surface should be placed under all slides, extending at least six feet in all directions surrounding the slides. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

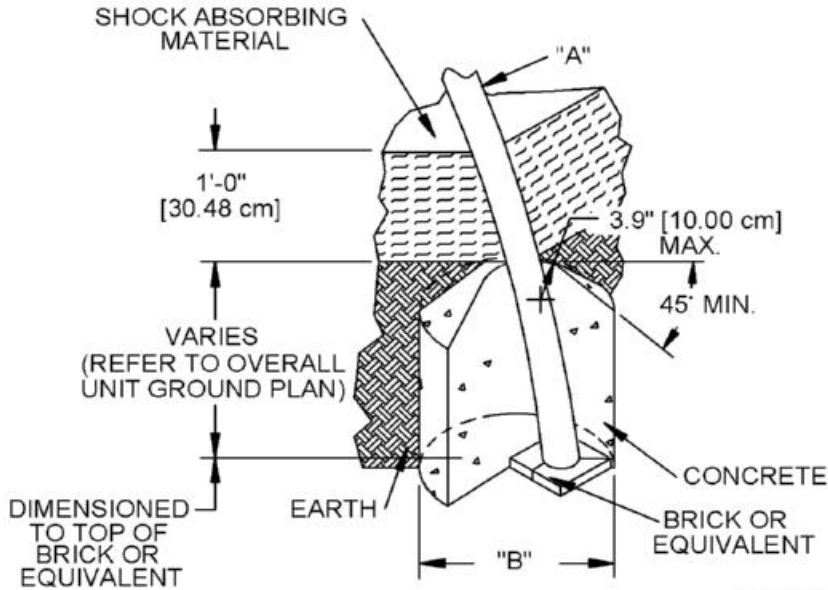
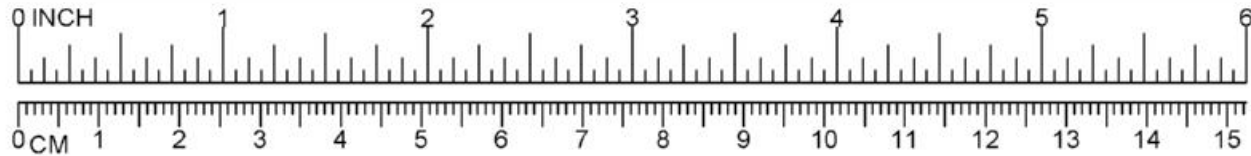
DETAILS -for- 26168 & 26169

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



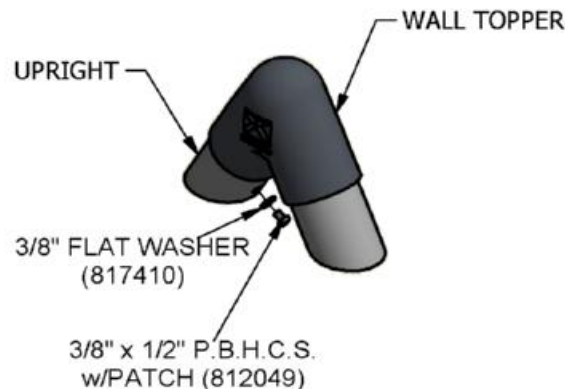
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
SWINGS	
3 1/2" [8.89 cm]	2'-0" [60.96 cm]

NOTES:

- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

003

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



062

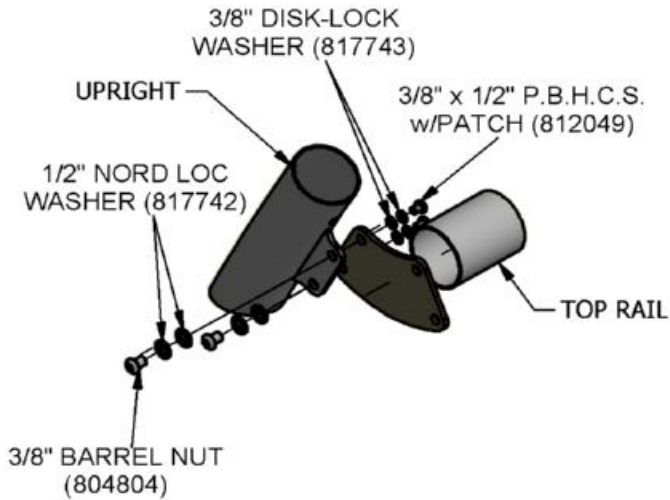
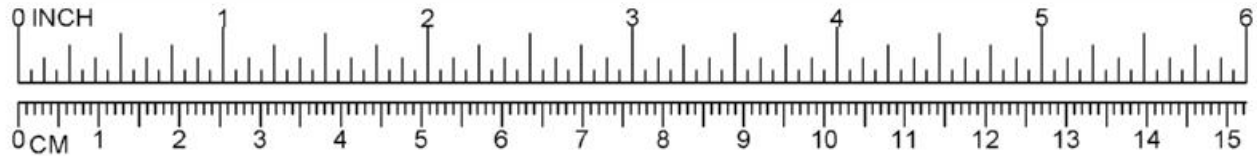
DETAILS -for- 26168 & 26169

IMPORTANT

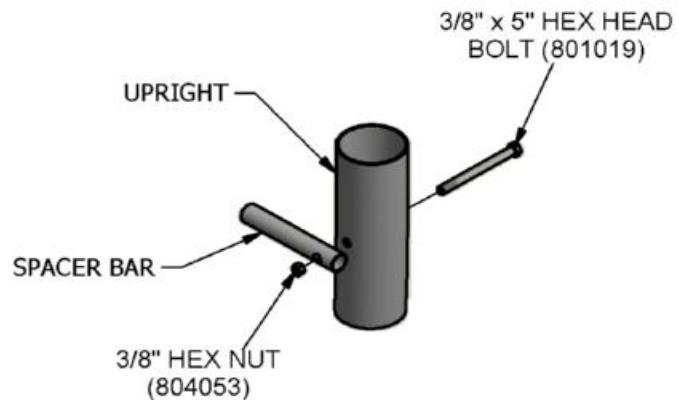
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



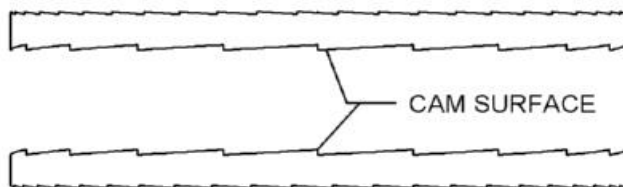
080



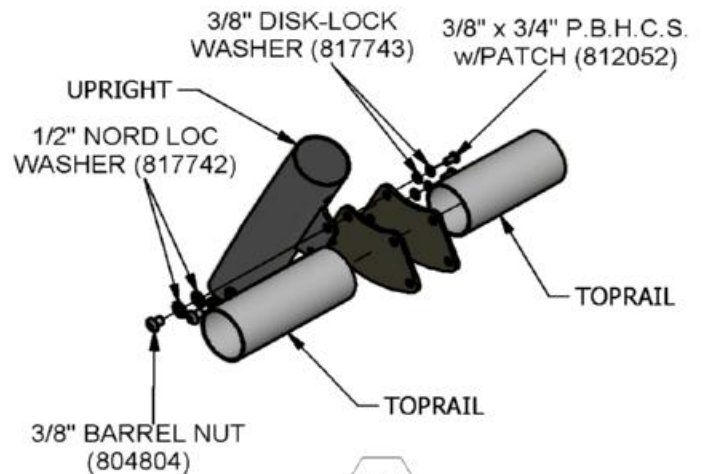
081

WARNING!

DISK-LOCK WASHERS MUST BE INSTALLED AS A SET. WASHERS MAY COME APART DURING SHIPPING. IF WASHERS HAVE SEPERATED, MAKE SURE WASHERS ARE ORIENTED SO THAT THE CAM SURFACES FACE EACH OTHER. FAILURE TO DO SO WILL RESULT IN FAILURE OF THE LOCKING MECHANISM. SEE ILLUSTRATION BELOW FOR PROPER ORIENTATION.



082



083

KONIX^{GT}

GameTime®

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 1/23/2015

32022 HEX POD

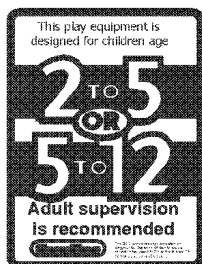
⬡ = INSTALLATION
DETAIL

○ = PARTS LIST
REFERENCE

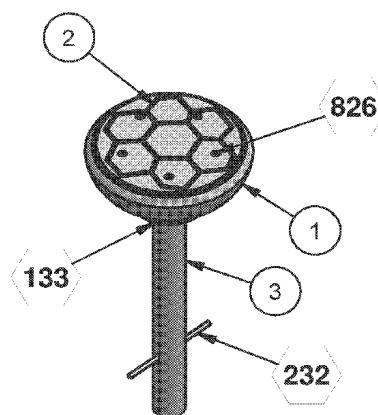
1' HEX POD 32022
2' HEX POD 32023



32022



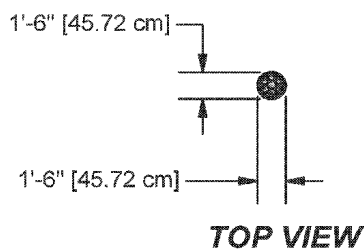
32023



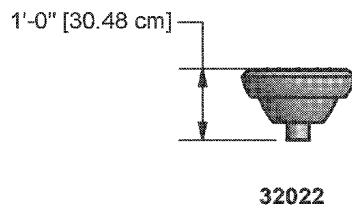
ASSEMBLY DRAWING
32022 SHOWN

INSTALLATION INSTRUCTIONS

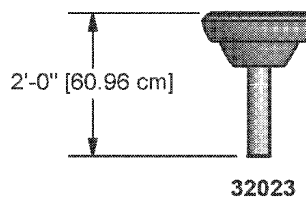
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during the installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



TOP VIEW

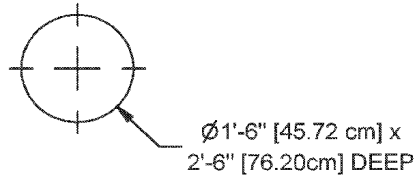


32022



32023

ELEVATIONS



NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE DETAIL 032. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

CONCRETE RERQUIRED
.10 CUBIC YARDS
[.08 CUBIC METERS]

GROUND PLAN

Parts List				
REF.	DESCRIPTION	32022	32023	PART NUMBER
1	X-POD STEP	1	1	178658
2	HEX POD HDPE	1	1	208665
3	PIPE SUPPORT	1	0	200903
3	FOOTBUCK WELD ASS'Y	0	1	208670
	HARDWARE COMPLETE	1	1	208695
	3/8" x 1" P.B.H.C.S. w/PATCH	2	2	812050*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	5	5	812053*
	3/8" FLAT WASHER	7	7	817410*
	3/8" LOCKWASHER	7	7	817334*
	1/2" ANCHOR ROD	1	1	135038*

Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

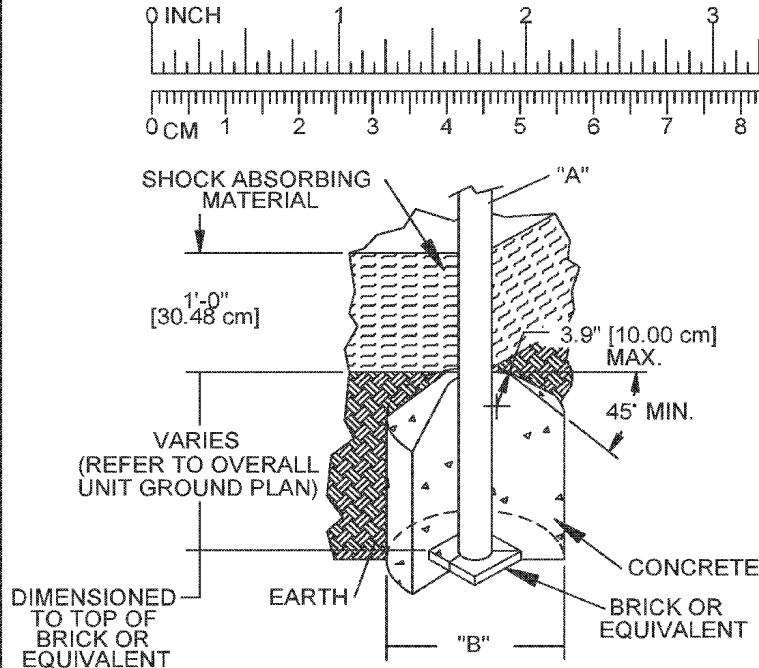
DETAILS -for- 32022 AND 32023

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



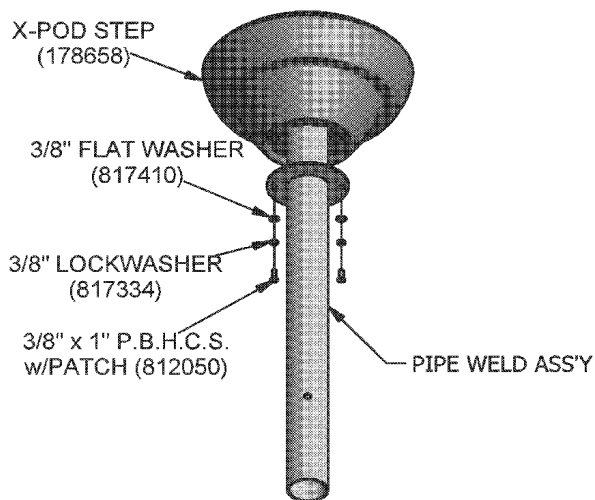
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]
TRACK RIDE & SWINGS	
5" [12.70 cm]	2'-0" [60.96 cm]
TREE SCAPE	
5" [12.70 cm]	4'-0" [121.92 cm]

NOTES:

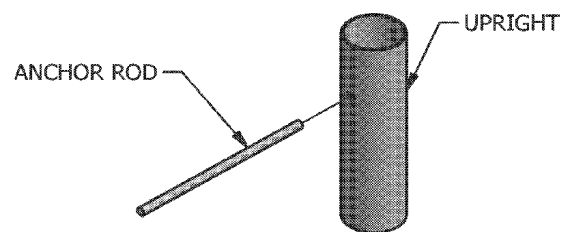
- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

032

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



133



232

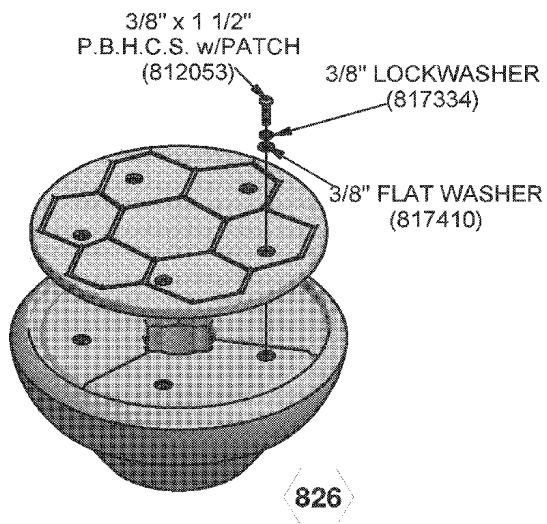
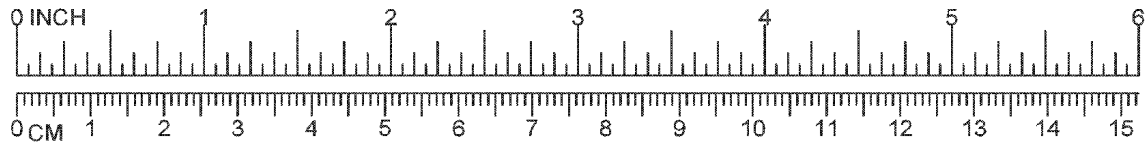
DETAILS -for- 32022 AND 32023

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



KONIX^{GT}

GameTime[®]

A PLAYCORE Company

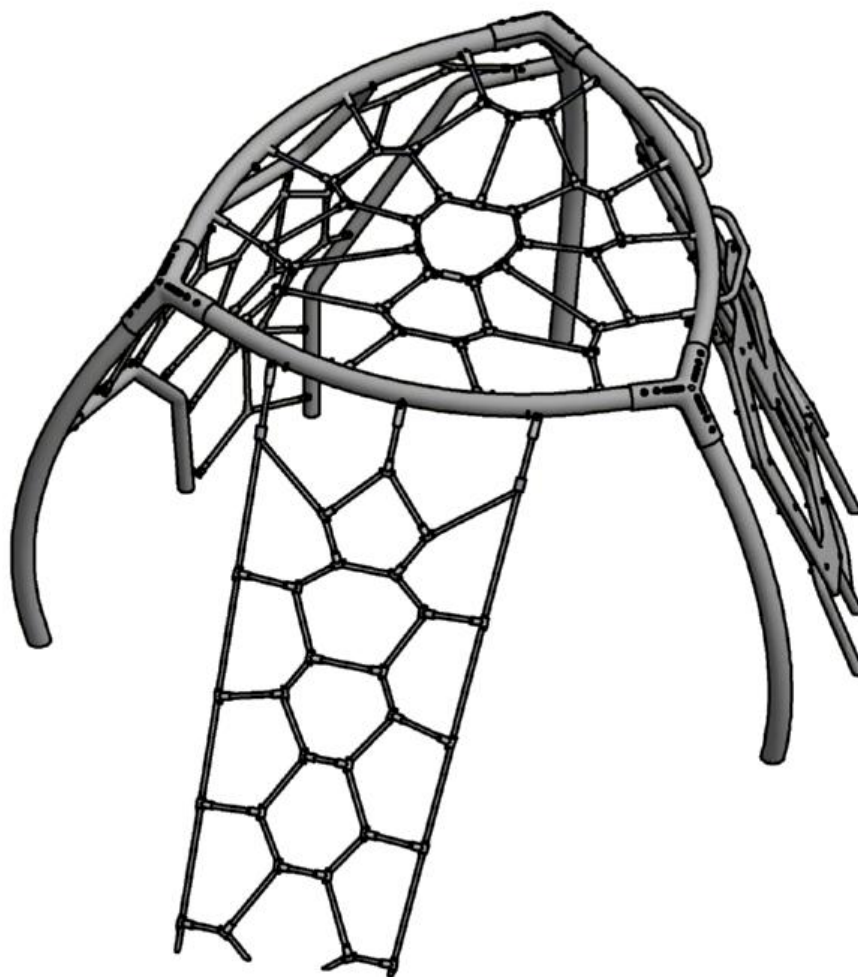
1-800-235-2440

ISSUED/REVISED: 11/8/2018

32066 TRINET MEDIUM (FREESTANDING)

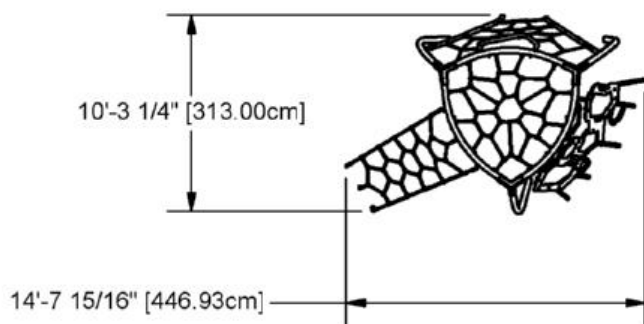
⬡ = INSTALLATION
DETAIL

○ = PARTS LIST
REFERENCE

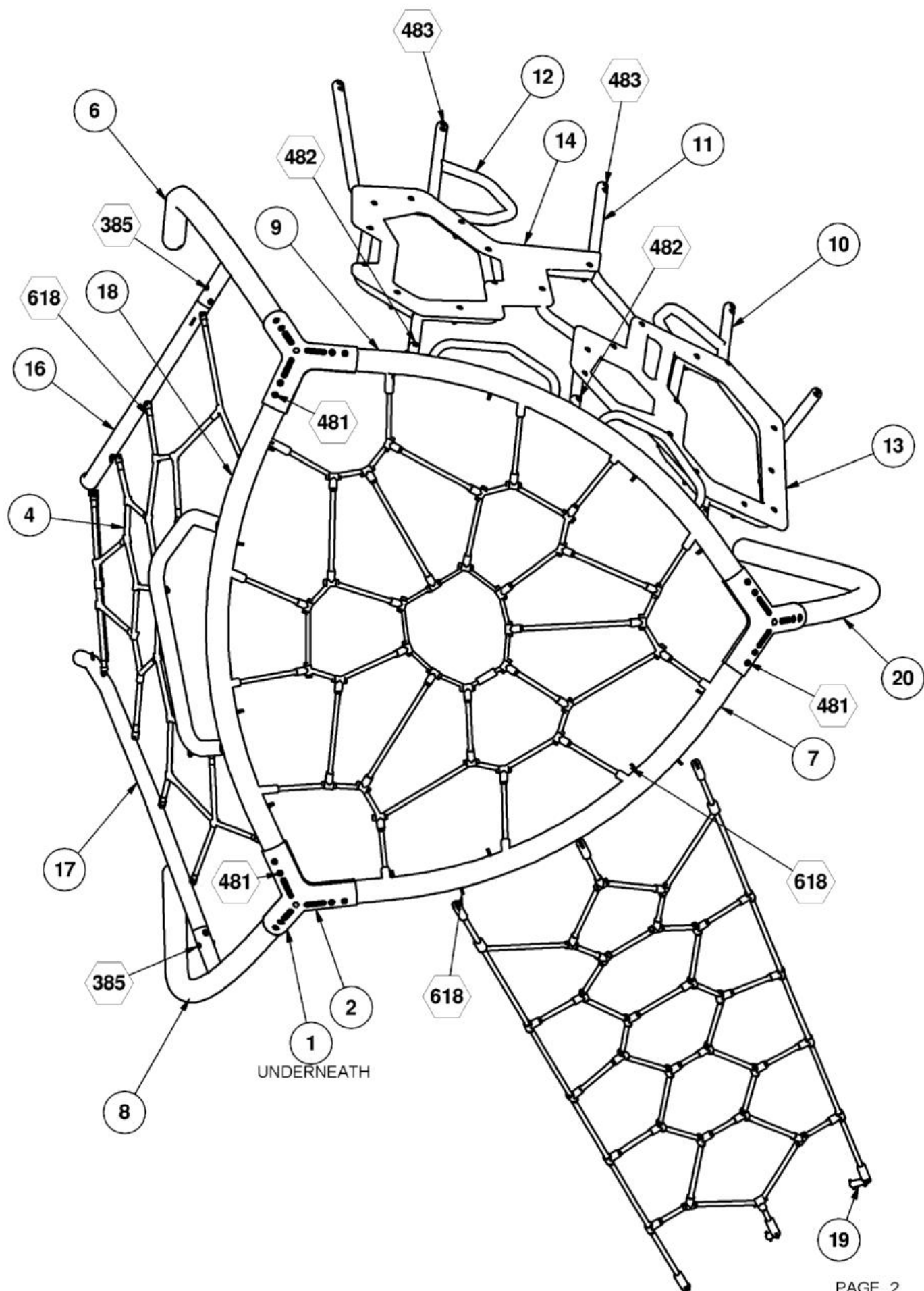


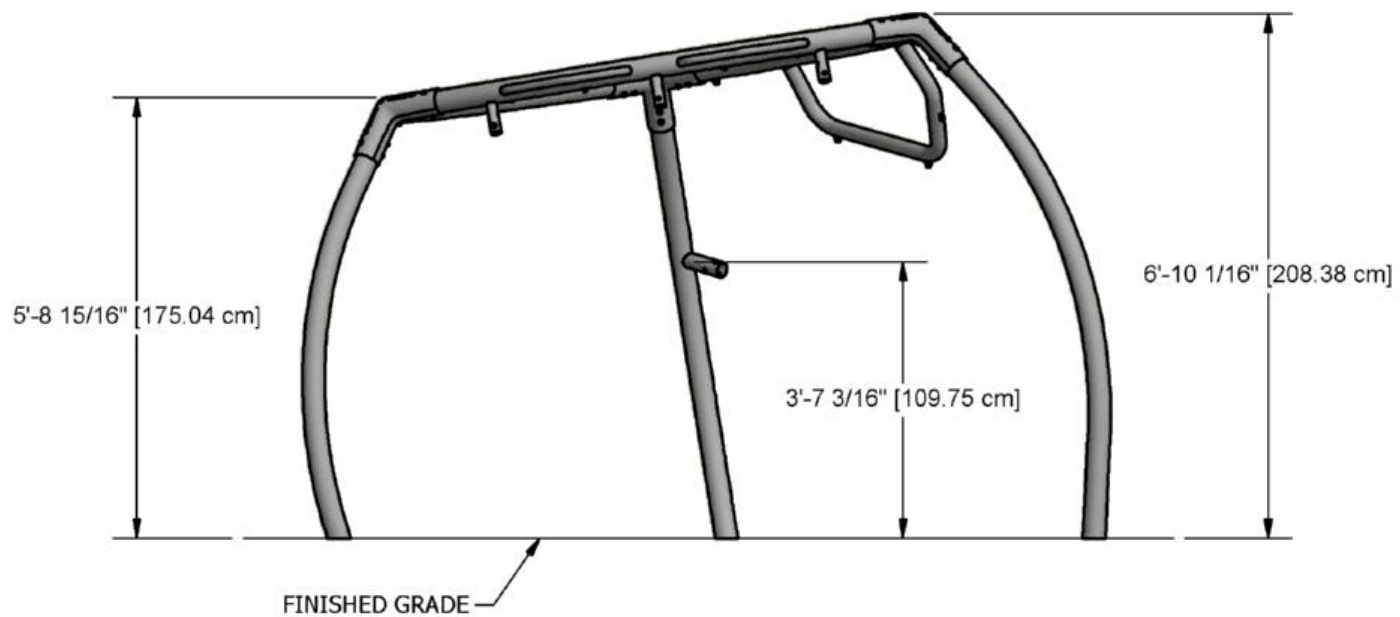
NOTE: SEE PAGE 2 FOR
COMPONENT AND
DETAIL INFORMATION

ASSEMBLY DRAWING



TOP VIEW





ELEVATION VIEW

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	IONIX TRIANGLE CONNECTOR BOTTOM	3	210747
2	IONIX TRIANGLE CONNECTOR TOP	3	210746
3	7' NET ASS'Y	1	210740
4	7' CLIMBER NET ASS'Y	1	210788
5	CONNECTOR NET	1	210782
6	UPRIGHT WITH SOCKET WELD ASS'Y 1	1	210852
7	7' NET CONNECTOR WELD ASS'Y	1	210900
8	UPRIGHT WITH SOCKET WELD ASS'Y 2	1	210856
9	CONNECTOR WITH SOCKETS WELD ASS'Y	1	210864
10	LEFT UPRIGHT WELD ASS'Y	1	210878
11	MIDDLE UPRIGHT WELD ASS'Y	1	210890
12	RIGHT UPRIGHT WELD ASS'Y	1	210884
13	SMALL HDPE PANEL	1	210869
14	LARGE HDPE PANEL	1	210868
15	7' METAL CLIMBER EXTENSION	5	210898
16	LEFT RAIL WELD ASS'Y	1	210872
17	RIGHT RAIL WELD ASS'Y	1	210875
18	TOP WELD ASS'Y	1	210860
19	SMASHED FOOTBUCK 1	3	210808
20	FORMED PIPE	1	210902
	HARDWARE COMPLETE	1	210894
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	16	812051*
	3/8" x 2" P.B.H.C.S. w/PATCH	4	812055*
	3/8" x 2 1/4" P.B.H.C.S. w/PATCH	24	812056*
	3/8" x 4" P.B.H.C.S. w/PATCH	18	812082*
	3/8" LOCK WASHER	62	817334*
	3/8" FLAT WASHER	42	817410*
	3/8" BARREL NUT	62	804804*
	1/2" x 4 1/2" HEX HEAD BOLT	3	801217*
	1/2" LOCKWASHER	3	817342*
	1/2" LOCKNUT	3	804355*
	3/8" PIN-IN TORX BIT	1	812655*
	5/16" x 5/8" BUTTON HEAD SHOULDER BOLT	34	802742*
	5/16" LOCKWASHER	34	817330*
	1/4" BARREL NUT	34	804809*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

INSTALLATION INSTRUCTIONS

NOTE: THIS INSTALLATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions.

STEP 1: Dig holes according to the Ground Plan. Place a brick or equivalent at the bottom of the hole to provide a solid foundation. Allow for this in hole depth.

STEP 2: Attach Upright supports, Socket weld assemblies to Net Connector Weld Assemblies using top and bottom IONiX triangle connectors. Refer detail 481.

STEP 3: Attach left and Right rails to uprights with sockets. Refer detail 385.

STEP 4: Attach climber to Upright Weld Assembly and extensions. Refer details 482 and 483.

STEP 5: Attach HDPE to the climber assembly. Refer detail 479. **NOTE:** One factory drilled hole is provided per panel. After locating and matching existing hole in hdpe to the correct hole in frame, field drill 9/16" diameter holes using frame holes as template.

STEP 6: Attach Nets. Refer detail 618. Attach Smashed Footbucks to Connector Net using Detail 723.

STEP 7: Tighten all nuts, bolts, etc.

NOTE: Loctite (supplied by others) should be used on all threaded hardware.

STEP 8: Check and make sure that the Footbuck and Support Pipe Assembly are plumb. Check the Coated Slide Deck to make sure it is level.

STEP 9: Fill holes with concrete. Plumb and brace assembly. Allow a minimum of 48 hours for concrete to harden before use.

STEP 10: After assembly is complete, place manufacturer's I.D. label in a visible location

SPECIFICATIONS

UPRIGHT SUPPORTS: The Upright Supports shall be constructed of 3.5" O.D. x 0.095" galvanized pipe.

UPRIGHT WITH SOCKET WELD ASSEMBLY: Upright with socket weld assembly shall be constructed from 3.5" O.D. x 0.095" thick galvanized pipe and 2.375" O.D. x 0.095 galvanized pipe.

NET CONNECTOR WELD ASSEMBLY: Net connector weld assembly shall be constructed from 3.5" O.D. x 0.095" thick galvanized pipe and 1" x 1/4" x 1/4" thick H.R. Steel tabs.

LEFT AND RIGHT RAIL WELD ASSEMBLY: left and right weld rail weld assembly shall be constructed from 2.375" O.D. X 0.095" thick galvanized pipe and 1" x 1/4" x 1/4" thick H.R. Steel tabs.

CLIMBER ASSEMBLY: Climber assembly shall be constructed of 1.66" O.D. x 0.83" thick galvanized pipes.

TOP ASSEMBLY: The Top Assembly shall be constructed of 3-1/2" O.D. x 0.095 galvanized pipes and 2.375" O.D. x 0.95 pipe and 1" x 1/4" x 1/4" thick H.R. Steel tabs.

ALUMINUM CASTINGS: All Aluminum casting shall be manufactured with die casting A356 alloy. All the assemblies shall be welded constructions and coated with a custom formula of TGIC polyester powder coating after fabrication.

POWDER COAT FINISH: Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a four stage solvent / zirconium based bath system (free of iron phosphate), as a rust inhibitor, and a zirconium conversion coating to prevent flash rusting before coating. In addition, all welds shall be protectively coated with ZRP, a zinc rich primer that forms a rust-resistant barrier layer over each weld prior to application of the powder coating. The powder coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: Two coat process to achieve 3.0 - 5.0 mil thickness and oven cured between 350 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794- 69), Wedge Bend (ASTM D-522-68), Adhesion (Cross Hatch ASTM D-3359 & Knife Scratch ASTM D-2197), Environmental (Stain Resistance ASTM D-1308, Humidity ASTM D-2247 - 87, Salt Spray ASTM B-117 & Fadometer 300 hrs with no loss of gloss), Over-bake Stability 100% at 350 degrees Fahrenheit for 10 minutes.

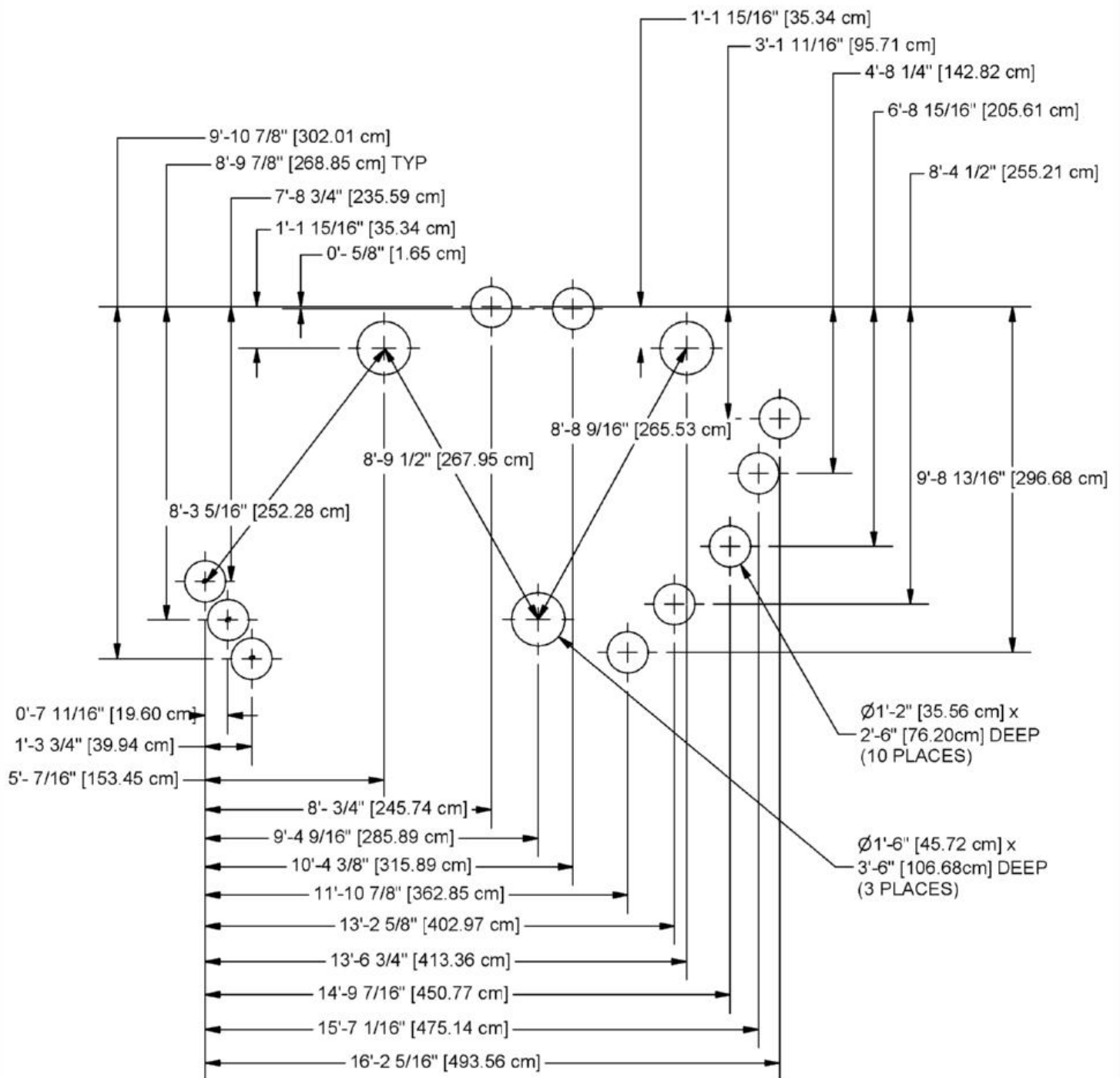
HDPE PIECES: The HDPE pieces shall be made from 3/4" thick (solid) high density, UV-stabilized and color impregnated polyethylene.

CABLE NETS: Cable shall be 18mm diameter UV protected Polyester twisted type with the following properties:

- Calculated Tensile strength of >60kN
- Quantity 6 Steel Strands 2.8mm diameter each
- Steel Strands shall have Qty 19 steel wires .62mm each
- Quantity 3 fiber core 2.7mm each

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing. NOTE: All weights are based on average comparisons of each part.

SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE DETAIL 032. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

CONCRETE REQUIRED
 1.09 CUBIC YARDS
 [.83 CUBIC METERS]

GROUND PLAN



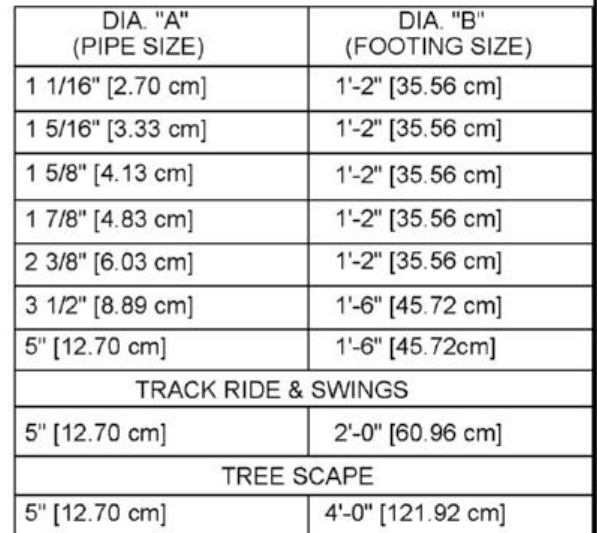
IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- ☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- ☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ☐ Equipment should be placed to eliminate conflicting traffic patterns.
- ☐ To reduce risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off, filed smooth and treated to prevent corrosion. Sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ☐ Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- ☐ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- ☐ GameTime® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- ☐ Never add components not intended for use with this product.
- ☐ Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- ☐ Proper maintenance of GameTime® equipment requires regular tightening of all bolts, nuts, and set screws.
- ☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.
- ☐ Regular checking of all parts, castings, etc. should be made. If a part is broken or worn it should be replaced immediately.
- ☐ Never use GAMETIME playground equipment around or in conjunction with swimming pools, ponds, lakes or any other bodies of water.
- ☐ Check to be sure all fittings are tight and that the bars and pipes do not move.
- ☐ A soft resilient surface should be placed under all swings, extending at least six feet beyond the farthest arc of the swing seat both front and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

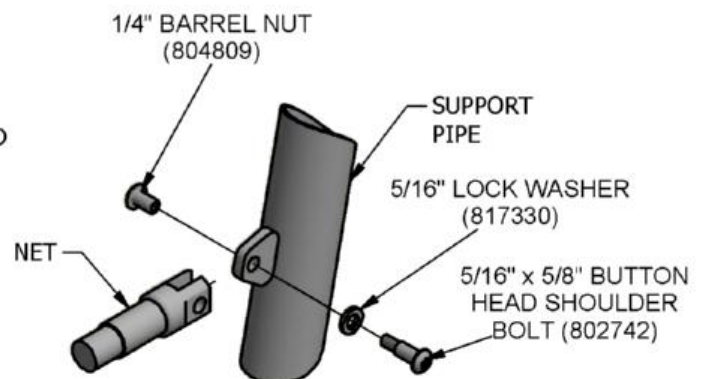
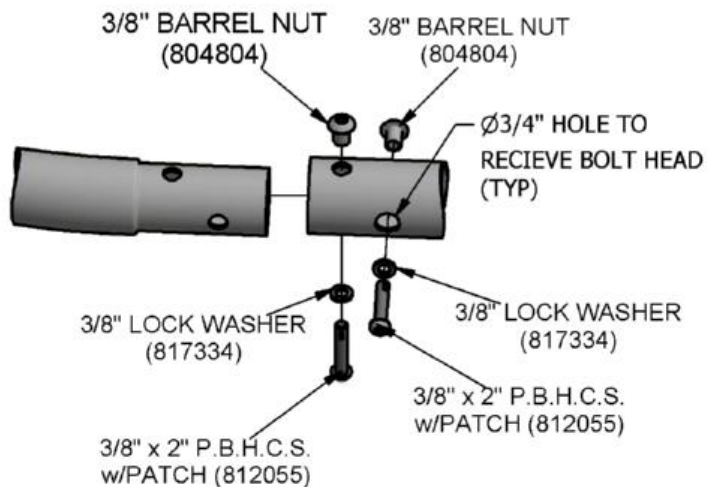
IMPORTANT

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



-SLOPED FOOTING IS A REQUIREMENT
OF EUROPEAN STANDARD EN1176-1 ONLY
-SUGGESTED MINIMUM CONCRETE
RATING: 3000 PSI

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



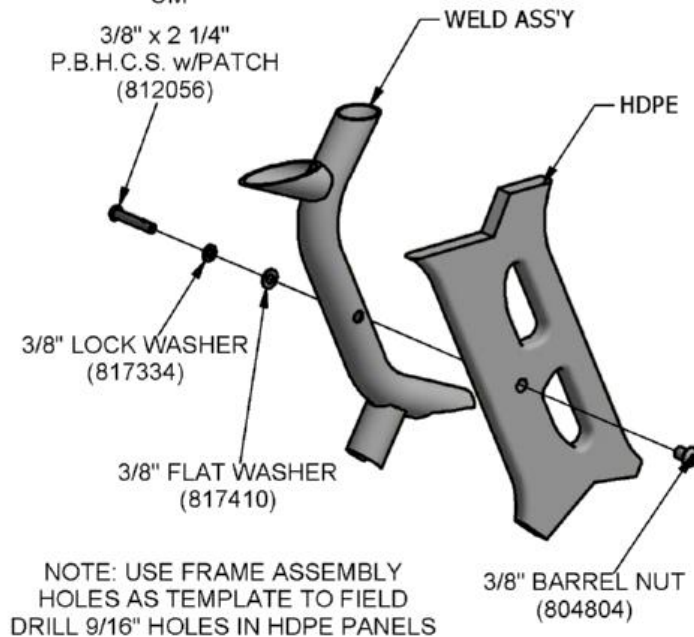
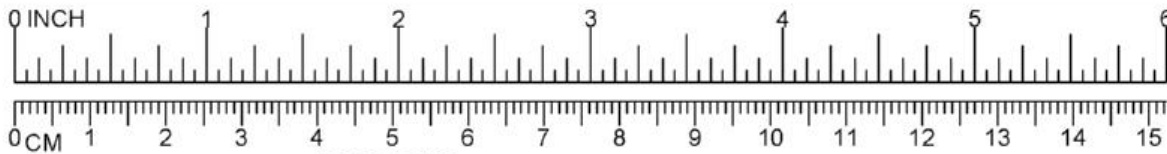
DETAILS -for- 32066

IMPORTANT

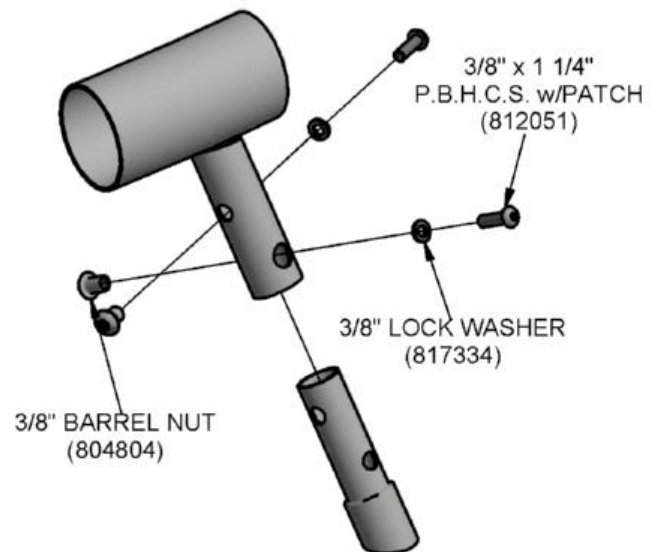
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END
PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED
SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

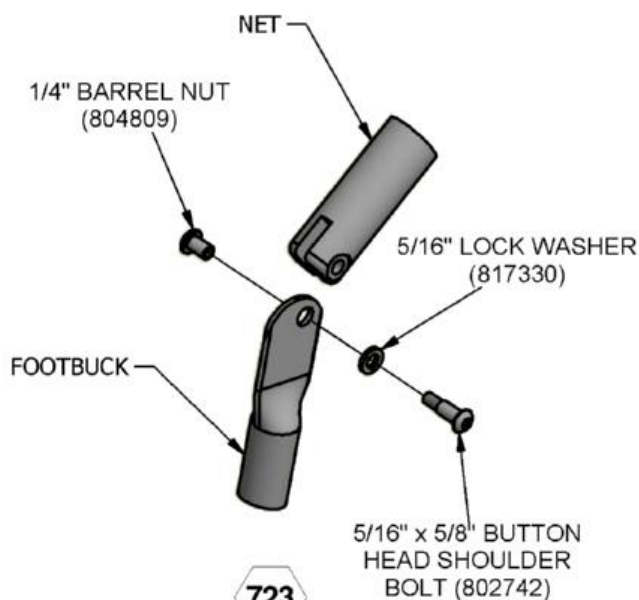
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



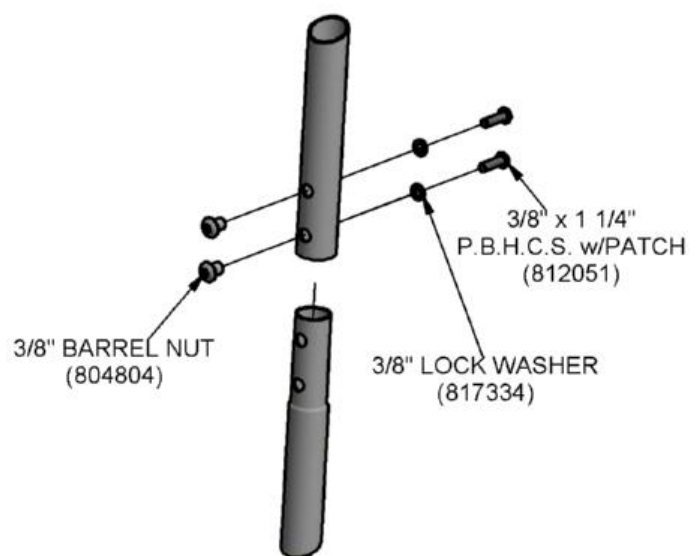
479



482



723



483

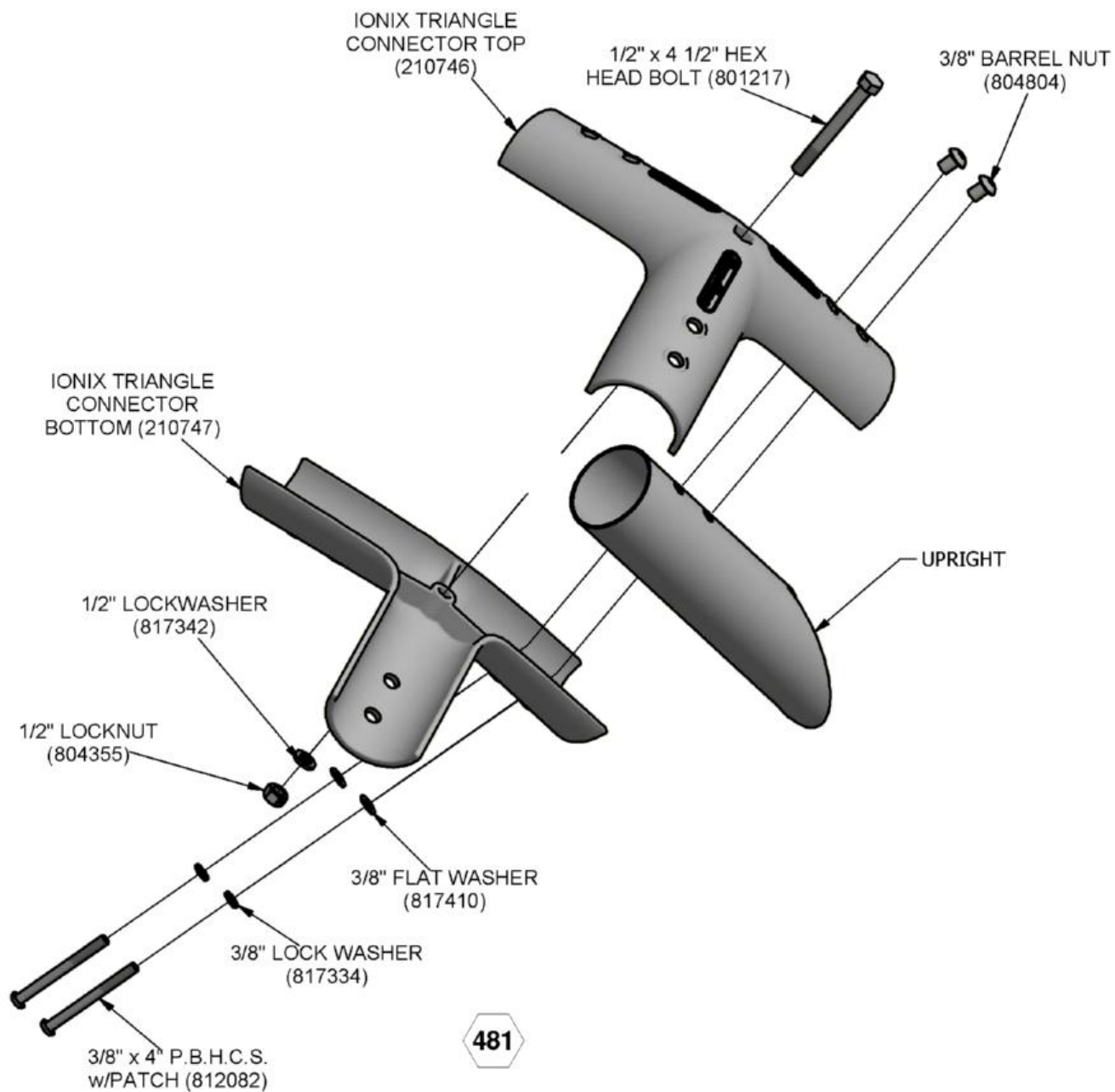
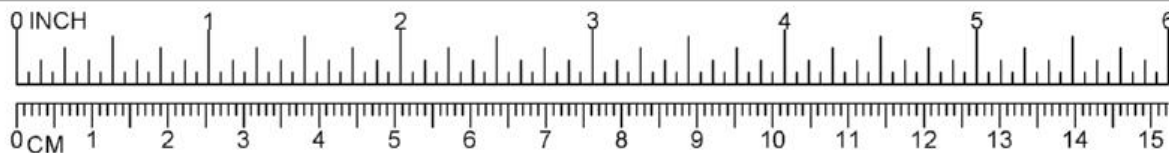
DETAILS -for- 32066

IMPORTANT

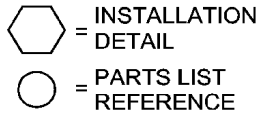
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



481



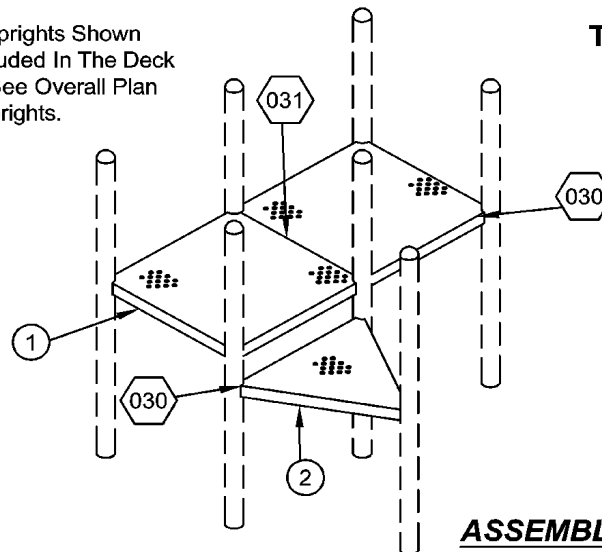
Note: The Uprights Shown
Are Not Included In The Deck
Packages. See Overall Plan
View For Uprights.

**SQUARE 80000
TRIANGLE 80001**

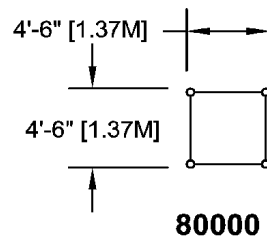
INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed *Installer Instructions* in the installation booklet; follow all the instructions during assembly.
2. Dig ground holes per Ground Plan. See system topview for quantity.
3. Attach deck to uprights using (1) Detail 030 per upright.
4. Loctite (supplied by others) should be used on all threaded hardware.
5. When decks are at the same height as shown in Assembly Drawing, fasten together using (2) Detail 031.

NOTE: Remove vinyl from the two inside holes, with 1/2" bit.

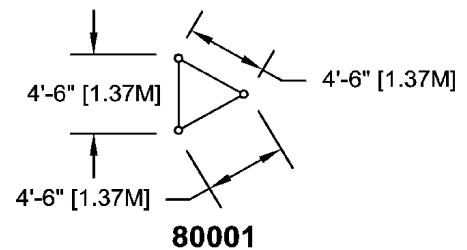


ASSEMBLY DRAWING



80000

TOP VIEWS

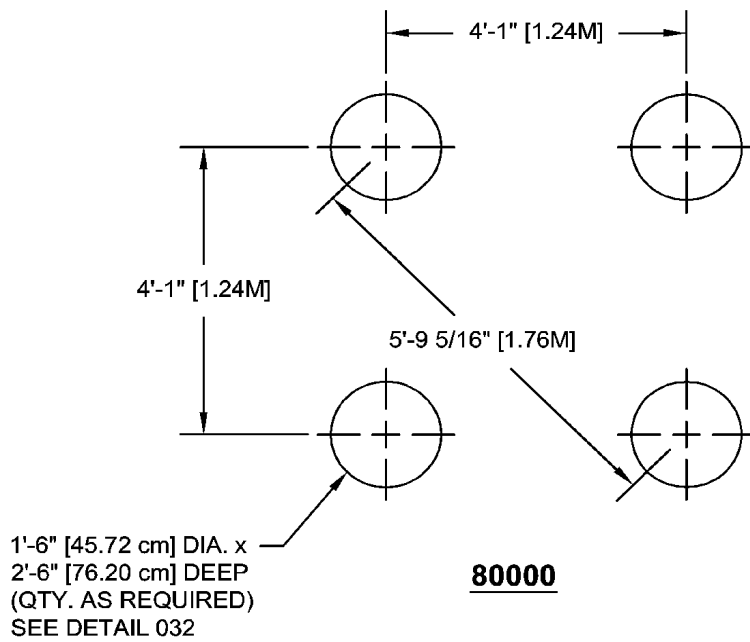


80001

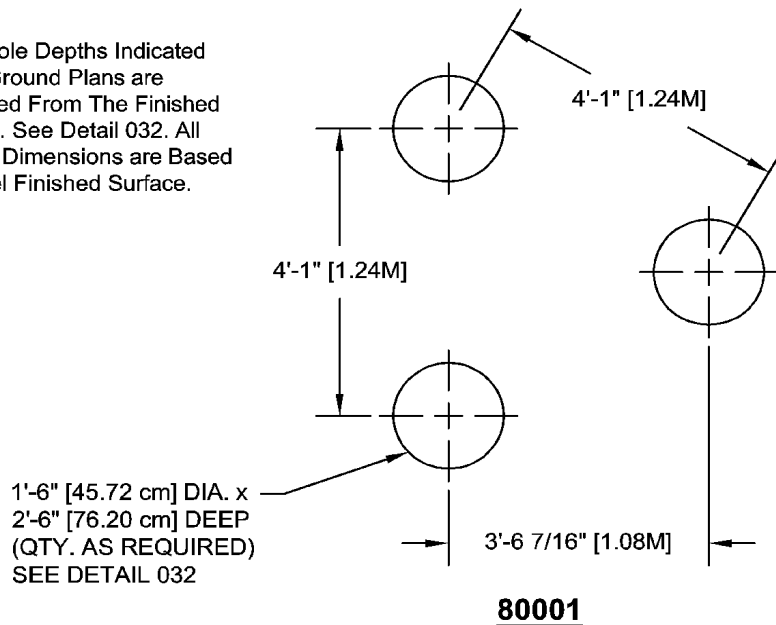
PARTS LIST

REF NO.	DESCRIPTION	80000	80001	PART NUMBER
1	Punched Deck, Square	1	0	163307
2	Punched Deck, Triangle	0	1	163317
	Hardware Complete	1	0	161254
	Hardware Complete	0	1	161255
	3/8" x 3/4" P.B.H.C.S. w/Patch	2	2	812052*
	3/8" x 1 1/2" P.B.H.C.S.	8	6	810053*
	3/8" Tee-Nut	2	2	804556*
	3/8" Lockwasher	10	8	817334*
	3/8" Flatwasher (1 1/4" O.D.)	10	8	817424*

Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware



Note: Hole Depths Indicated on All Ground Plans are Measured From The Finished Surface. See Detail 032. All Footing Dimensions are Based on Level Finished Surface.



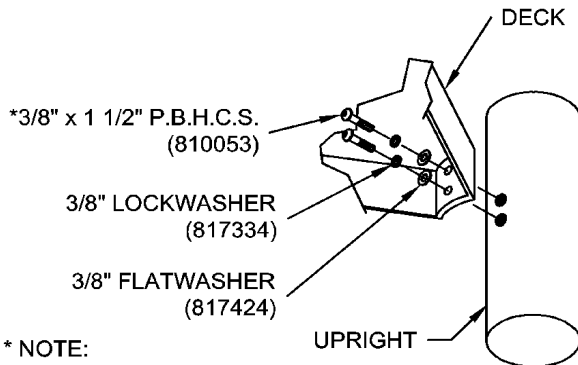
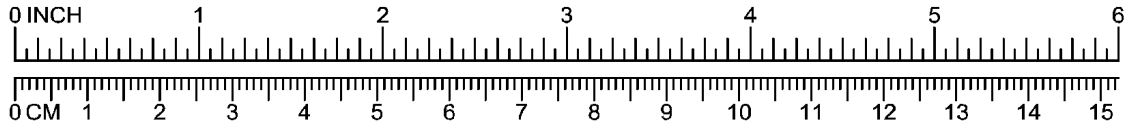
GROUND PLANS

DETAILS -for- 80000 & 80001

IMPORTANT

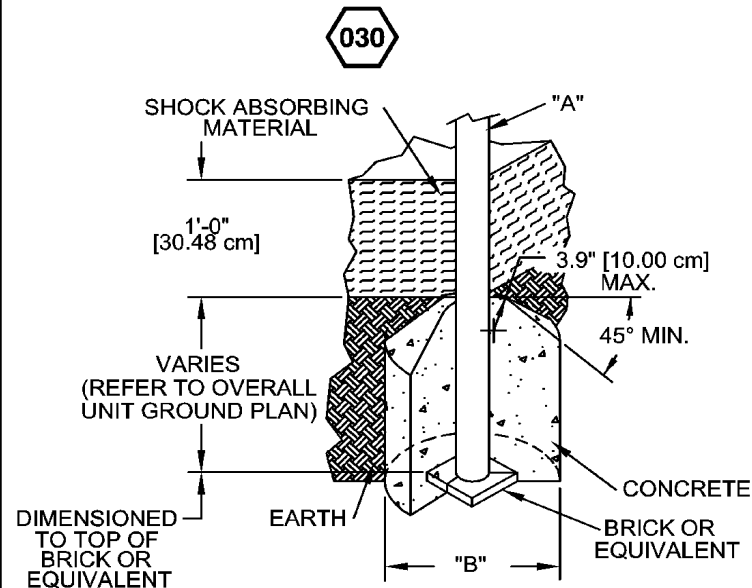
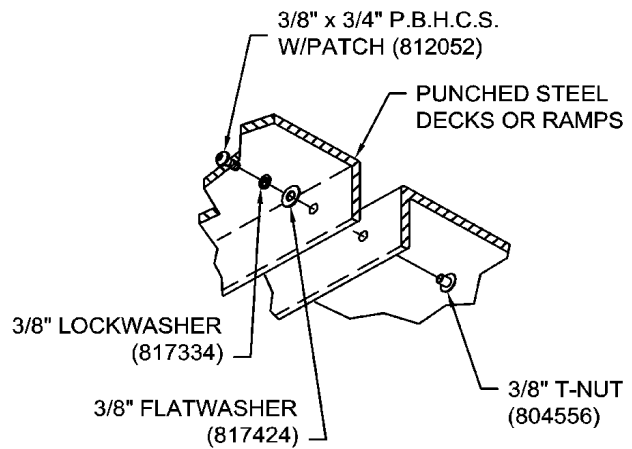
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



* NOTE:
BOLTS SHOULD BE TORQUED
FROM 20-25 FT. LBS. FOR
PROPER INSTALLATION.

* NOTE:
AFTER ASSEMBLY IS COMPLETED,
PEEN FLATWASHERS TO MATCH
RADIUS OF UPRIGHT.



NOTES:

- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]
TRACK RIDE & SWINGS	
5" [12.70 cm]	2'-0" [60.96 cm]
TREE SCAPE	
5" [12.70 cm]	4'-0" [121.92 cm]

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



Enriching Childhood Through Play.

1-800-235-2440

ISSUED/REVISED: 08/29/12

80601

ENTRANCE BARRIERS

 = INSTALLATION
DETAIL

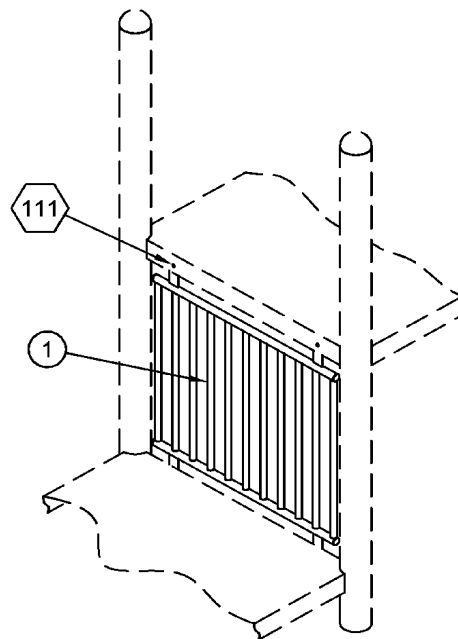
 = PARTS LIST
REFERENCE

INSTALLATION INSTRUCTIONS

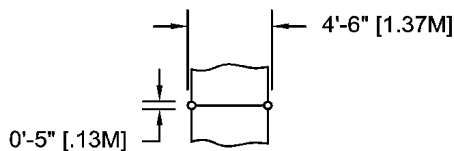
Note: Assemble parts as shown in the *Assembly Drawing*. Refer to the assembly details for the specific hardware required in each connection.

1. Before assembling this equipment, read the enclosed *Installer Instructions* in the installation booklet; follow all the instructions during assembly.

1'-6" 80601
 2' 80602
 2'-6" 80603
 3' 80604
 3'-6" 80605



ASSEMBLY DRAWING



TOP VIEW

PARTS LIST

REF NO.	DESCRIPTION	80601	80602	80603	80604	80605	PART NUMBER
1	Entrance Barrier	1	0	0	0	0	147642
1	Entrance Barrier	0	1	0	0	0	163434
1	Entrance Barrier	0	0	1	0	0	163436
1	Entrance Barrier	0	0	0	1	0	163438
1	Entrance Barrier	0	0	0	0	1	163440
	Hardware Complete	1	1	1	1	1	147649
	3/8" x 1" P.B.H.C.S. w/Patch	4	4	4	4	4	812050*
	3/8" Lockwasher	4	4	4	4	4	817334*
	3/8" Flatwasher	8	8	8	8	8	817424*
	3/8" Hex Nut	4	4	4	4	4	804053*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

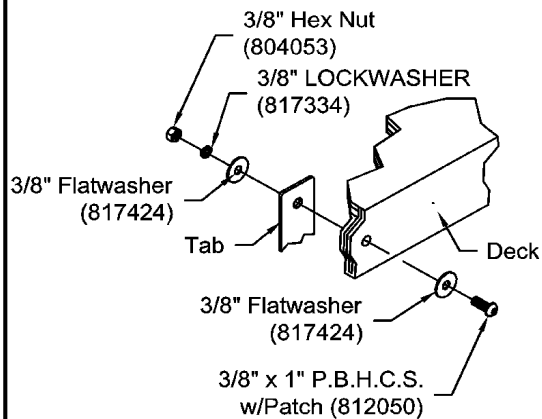
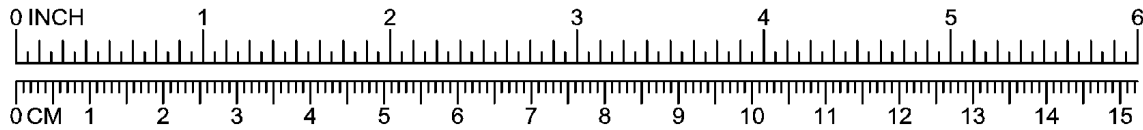
Note: Loctite (supplied by others) should be used on all threaded hardware.

DETAILS -for- 80601,80602,80603,80604 & 80605

IMPORTANT

To REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.





Enriching Childhood Through Play.

1-800-235-2440

ISSUED/REVISED: 9/12/12

81664

SINGLE THUNDERRING

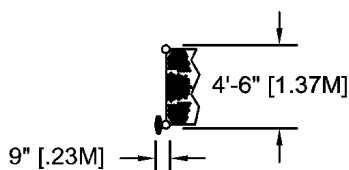
⬡ = INSTALLATION
DETAIL

○ = PARTS LIST
REFERENCE

INSTALLATION INSTRUCTIONS

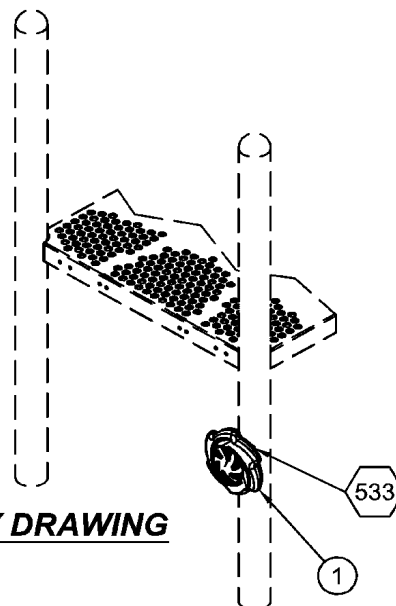
1. Before assembling this equipment, read the enclosed INSTALLATION INSTRUCTIONS in the installation booklet; follow all the instructions during installation.

2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



TOP VIEW

ASSEMBLY DRAWING



PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D	PART NUMBER
1	Thunderring	1	179014
	Hardware Complete	1	169742
	3/8" x 1 1/4" P.B.H.C.S. w/Patch	4	812051*
	3/8" Lockwasher	4	817334*
	3/8" Flatwasher	4	817410*

Unless Otherwise Specified, All Units of Measure are Each

* Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

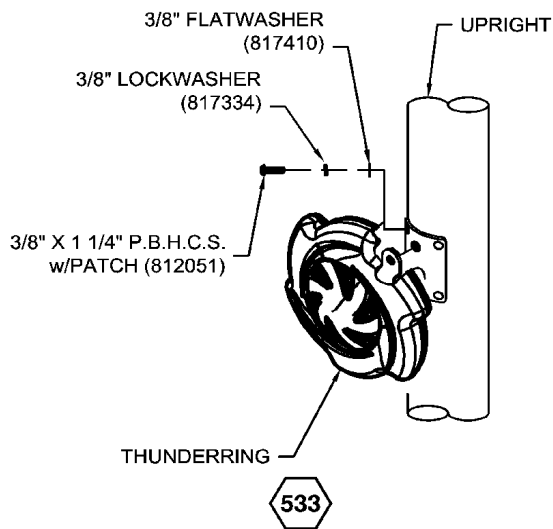
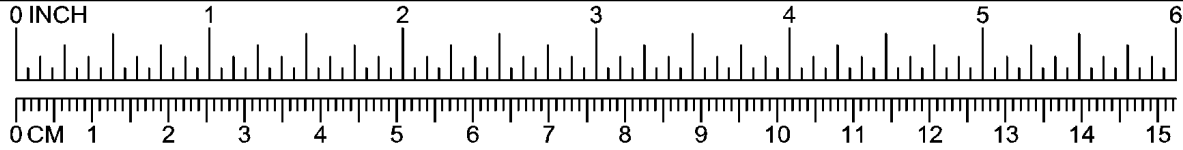
Note: Loctite (supplied by others) should be used on all threaded hardware.

DETAILS -for- 81664

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.

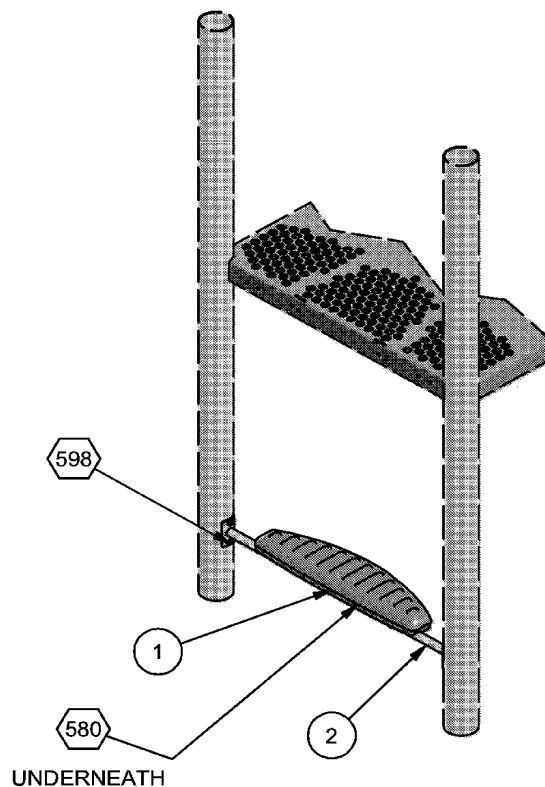


 = INSTALLATION
DETAIL

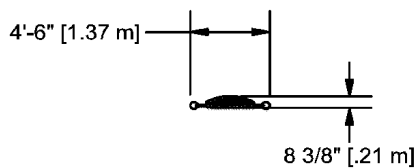
 = PARTS LIST
REFERENCE

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLATION INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



ASSEMBLY DRAWING

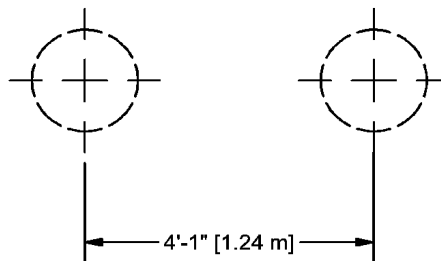


TOP VIEW

PARTS LIST			
REF No.	DESCRIPTION	QTY	PART NUMBER
1	NATURE DISCOVERY TABLE SEAT	1	179945
2	SEAT FRAME WELD ASS'Y	1	200041
	HARDWARE COMPLETE	1	200576
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	4	812051*
	3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	812054*
	3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
	3/8" FLAT WASHER	8	817410*
	3/8" LOCKWASHER	8	817334*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.



GROUND PLAN

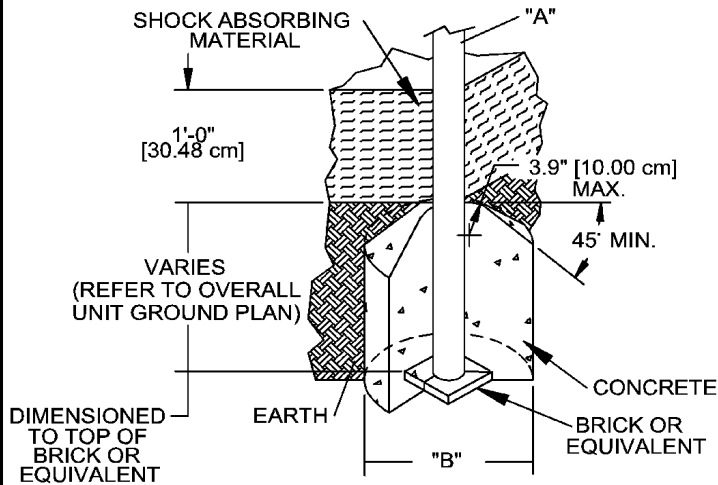
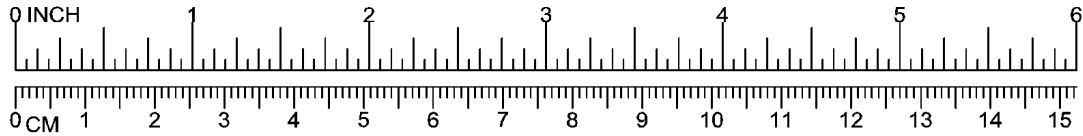
DETAILS -for- 81666

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



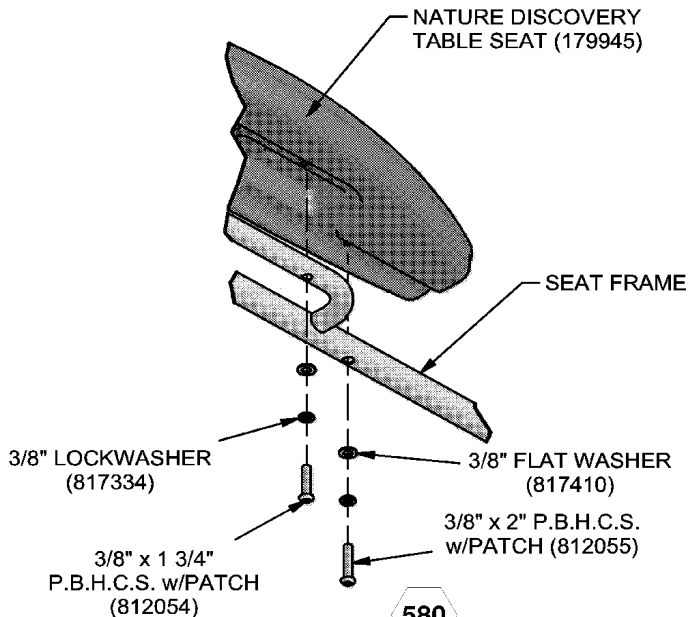
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]
TRACK RIDE & SWINGS	
5" [12.70 cm]	2'-0" [60.96 cm]
TREE SCAPE	
5" [12.70 cm]	4'-0" [121.92 cm]

NOTES:

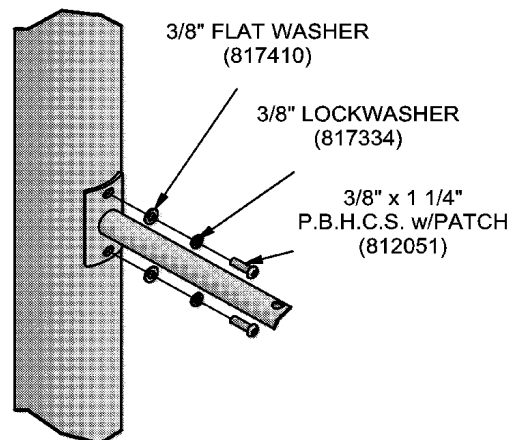
- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

032

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



580



598



Enriching Childhood Through Play.

1-800-235-2440

ISSUED/REVISED: 9/11/12

81669 HAND CYCLER

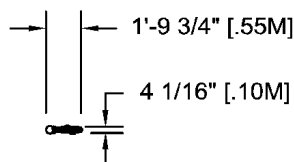
 = INSTALLATION
DETAIL

 = PARTS LIST
REFERENCE

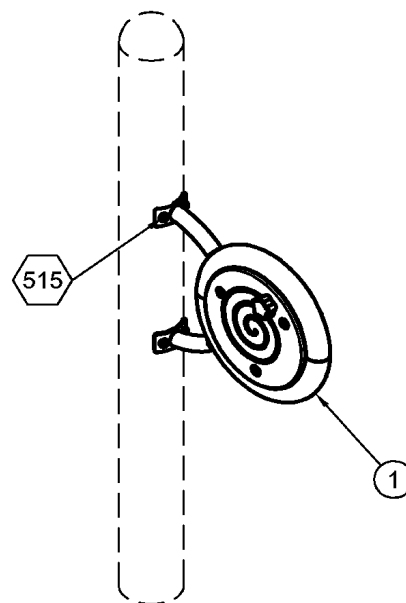
INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLATION INSTRUCTIONS in the installation booklet; follow all the instructions during installation.

2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



TOP VIEW



ASSEMBLY DRAWING

PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D	PART NUMBER
1	Hand Cycler	1	178368
	Hardware Complete	1	178388
	3/8" x 1 1/4" P.B.H.C.S. w/Patch	4	812051*
	3/8" Lockwasher	4	817334*

Unless Otherwise Specified, All Units of Measure are Each

* Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

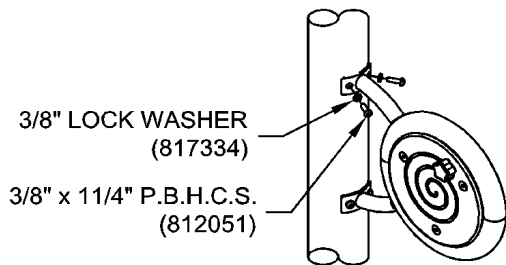
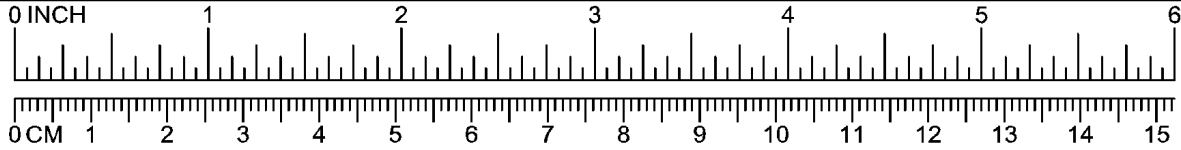
Note: Loctite (supplied by others) should be used on all threaded hardware.

DETAILS -for- 81669

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.

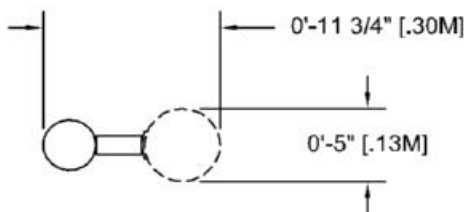


515

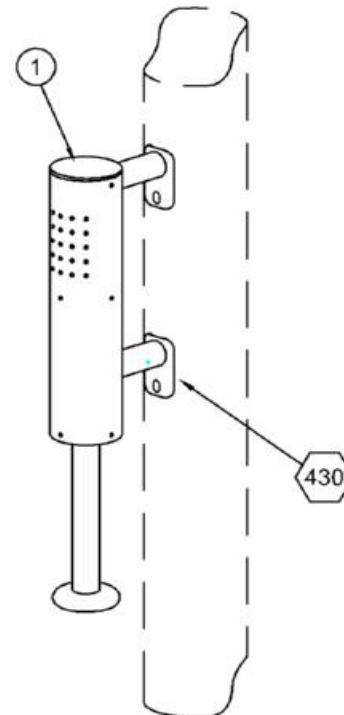


INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLATION INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



TOP VIEW



ASSEMBLY DRAWING

PARTS LIST

REF NO.	DESCRIPTION	No. REQ'D	PART NUMBER
1	Train Whistle	1	177372
	Hardware Complete	1	177390
	3/8" x 1 1/4" B.H.C.S.	2	811051*
	3/8" Lockwasher	2	817334*
	3/8" Flatwasher	2	817410*

Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

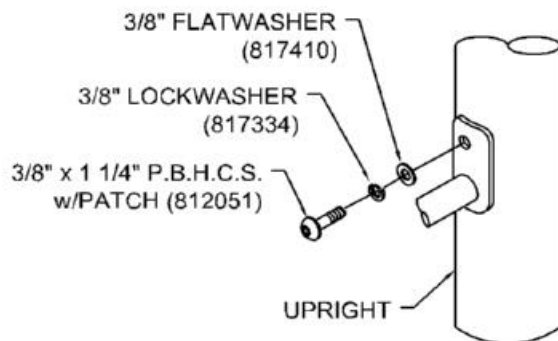
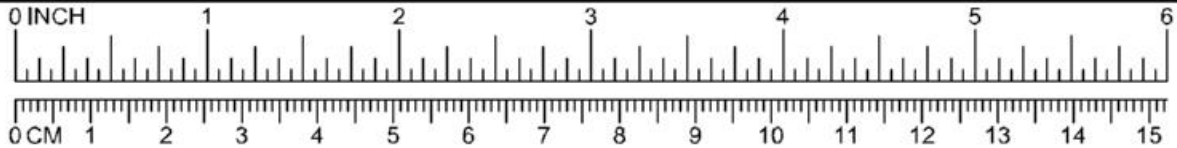
Note: Loctite (supplied by others) should be used on all threaded hardware.

DETAILS -for- 81695

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



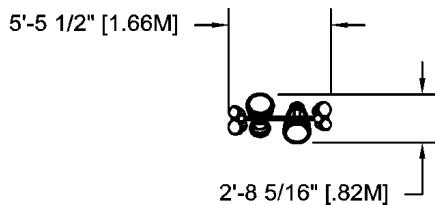
430

 = INSTALLATION
DETAIL

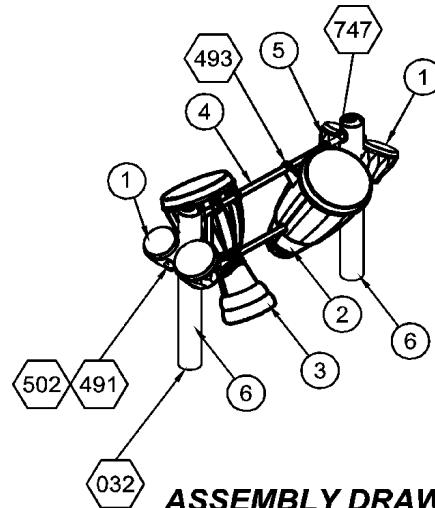
 = PARTS LIST
REFERENCE



Lower Entire System
0'-8" [20.3cm] To
Better Accomodate
2-5 Year Old Users if
Desired.



TOP VIEW



ASSEMBLY DRAWING

PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D	PART NUMBER
1	Bogos	2	177954
2	Ashiko	1	177925
3	Djembe	1	177926
4	Long Grill	1	203863
5	Short Grill	1	203866
6	Aluminum Upright	2	DIU3V6
	Tru-Loc	4	A03650
	Hardware Complete	1	205996
	3/8" x 1" P.B.H.C.S. w/Patch	8	812050*
	3/8" Lockwasher	12	817334*
	3/8" Flatwasher (1 1/4" O.D.)	8	817424*
	Aluminum Pin	4	203568*
	3/8" x 2" P.B.H.C.S w/ Patch	4	812055*
	1 1/4" x 1 1/2" Hex Head Self Drilling	2	816048*

Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Loctite (supplied by others) should be used on all threaded hardware.

SET UP INSTRUCTIONS

NOTE: Owner/Operator shall install and maintain protective surfacing within the use zone (U.S.) or protective surfacing zone (Canada) of all play equipment to comply with ASTM F1292 and ASTM F-1487 (U.S.) or CAN/CSA-Z-614 (CANADA).

NOTE: The ASTM use zone and CSA protective surfacing zone are determined by extending the product outside dimensions shown a minimum additional distance of 6 feet (1.8 M) in all directions.

NOTE: Do not over tighten bolts. To over tighten may cause buckling or dimpling of some parts.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completed.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is completed. Bracing material is required during assembly.

NOTE: Assembly and leveling time will be greatly reduced if a transit is used to set location and depth of ground holes.

NOTE: It is important to check the hole location in the upright and on the drawings while assembling this product.

NOTE: Place a brick or equivalent at the bottom of ground holes (where shown), to provide a solid foundation. Allow for this in the hole depth.

STEP 1: Dig holes according to Ground Plan. See Ground Plan and Footing Detail for dimensions, and notes regarding surfacing, etc. Holes can be 0'-8"[20.3cm] deeper for 2-5 year olds if desired.

STEP 2: Assemble parts as shown in the ASSEMBLY DRAWING. Refer to assembly details for the specific hardware required in each connection. See INSTALLER INSTRUCTIONS.

STEP 3: Slide the Djembe (177926) over the Long Grill (177948) until the tab touches the curved pipe. Slide the Ashiko (177925) over the Short Grill (177952) until the tab touches the curved pipe.

STEP 4: Connect the 2 grills together as shown in Detail 493.

STEP 5: Make sure the Ashiko and Djembe are pushed as far apart as possible and drill with a 3/16" bit through the drill points and the pipes (one per Ashiko and Djembe).

STEP 6: Secure with the self-drilling screws (816048).

NOTE: Due to extremes in weather and soil conditions, hole size may have to be increased to meet local conditions.

STEP 7: Level the Uprights using sway bracing.

STEP 8: Pour concrete according to the footing details. Allow 48 hours minimum for concrete to harden before using and removing sway braces.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- ☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- ☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ☐ Equipment should be placed to eliminate conflicting traffic patterns.
- ☐ All protruding nuts and bolts should be covered; sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ☐ Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- ☐ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- ☐ GAMETIME® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- ☐ Never add components not intended for use with this product.
- ☐ Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- ☐ Proper maintenance of GAMETIME® equipment requires regular tightening of all bolts, nuts, and set screws.

SPECIFICATIONS

NOTE: THIS SPECIFICATION BOOKLET SHOULD BE KEPT IN CUSTOMERS FILE FOR FUTURE REFERENCE.

ASHIKO AND DJEMBE: The Ashiko and Djembe are molded from a color impregnated linear low density polyethylene and shall conform to the rotationally molded specifications outlined herein. The frame shall be an all welded steel structure and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specification outlined herein.

BONGOS: The Bongos are molded from a color impregnated linear low density polyethylene and shall conform to the rotationally molded specifications outlined herein.

ALUMINUM UPRIGHTS: Shall be 5" outside diameter tubing, 1/8" wall thickness, extruded from 6005-T5 aluminum alloy conforming to ASTM-B-221. Minimum yield strength shall be 35,000 psi and minimum tensile strength shall be 38,000 psi. All upright posts shall have a finished grade line marking to indicate the correct playground safety surface level. All upright posts shall be coated with a custom formula TGIC polyester powder coating.

TRU-LOC CONNECTION: Tru-Loc is cast from 413 Aluminum Alloy. All connectors shall be coated with a custom formula of TGIC polyester powder coating.

HARDWARE: All nuts, bolts, screws and lockwashers used in the assembly of all equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

ROTATIONALLY MOLDED: Shall be manufactured from linear low-density polyethylene material and shall conform to the rotationally molded specifications outlined herein. Polyethylene shall be linear low-density material with UV-stabilized color and an anti-static compound additive. Rotationally molded products shall meet or exceed the following specifications: ASTM D-1248, type 2, class A and Federal specification LP-390C, type 1, class M, grade 2, category 3; Density (ASTM D-1505); Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM-790); Heat Distortion (ASTM-648); Low Temperature Impact (ARM-STD).

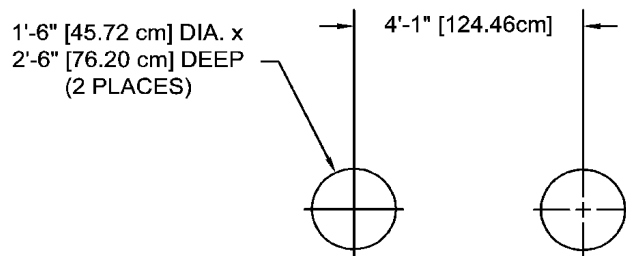
POWDER COAT FINISH: Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a six stage bath system with an iron phosphate wash, as a rust inhibitor, and a sealer to prevent flash rusting before coating. The coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: 3.0 - 5.0 mil thickness and oven cured between 375 to 425 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794-69), Wedge Bend (ASTM D-522-68).

SPECIFICATIONS: GAMETIME © has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

NOTES:

- SLOPE FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1.
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI.
- SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48 CM] OF SURFACING IS REQUIRED. MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.
- HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE FOOTING DETAIL. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

CONCRETE REQUIRED
.20 CUBIC YARDS
[.16 CUBIC METERS]



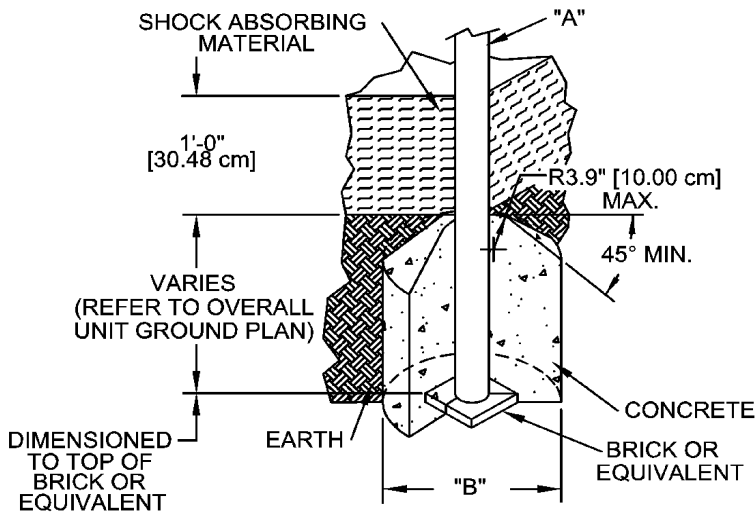
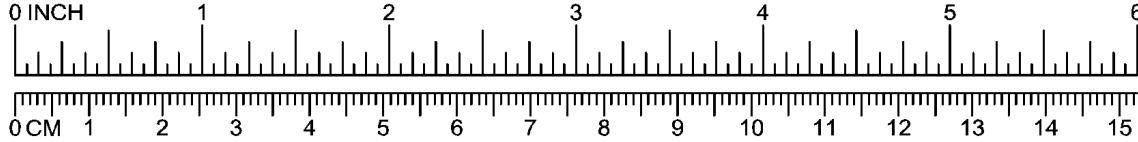
GROUND PLAN

DETAILS -for- 81748

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



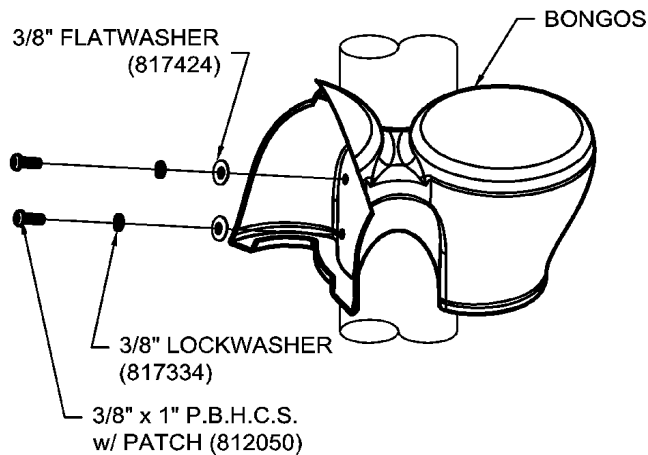
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]
TRACK RIDE & SWINGS	
5" [12.70 cm]	2'-0" [60.96 cm]
TREE SCAPE	
5" [12.70 cm]	4'-0" [121.92 cm]

NOTES:

- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

032

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



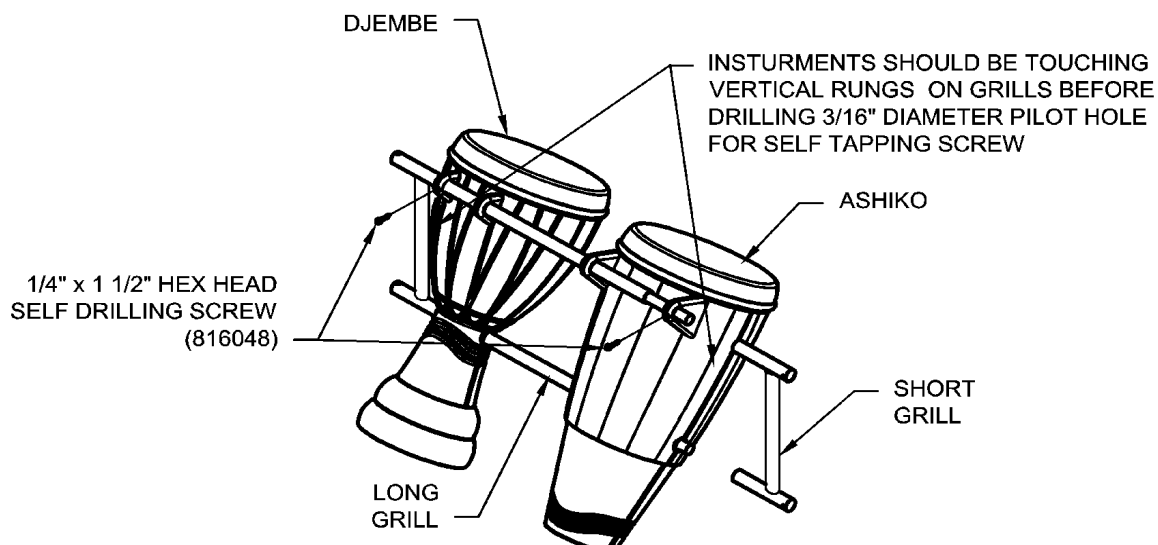
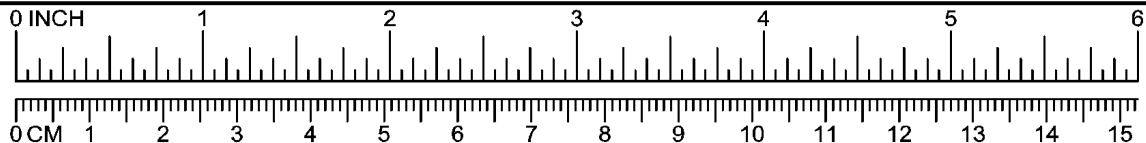
491

DETAILS -for- 81748

IMPORTANT

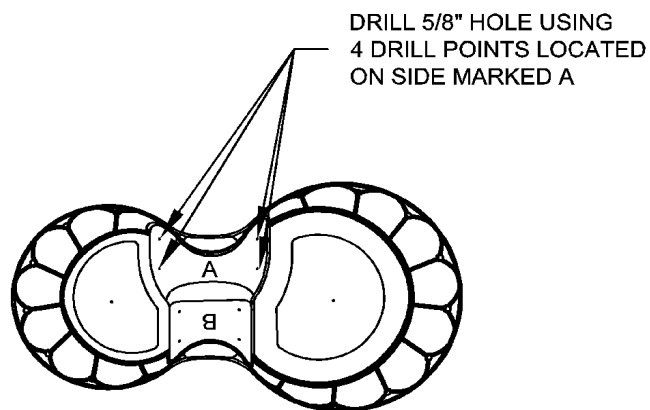
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.

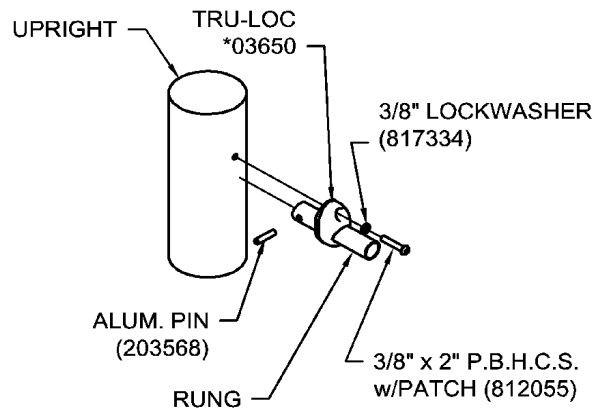


493

NOTE: BOLT SHOULD BE TORQUED FROM 20-25 FT. LBS. FOR PROPER INSTALLATION.



502



747

(* = A OR Z)

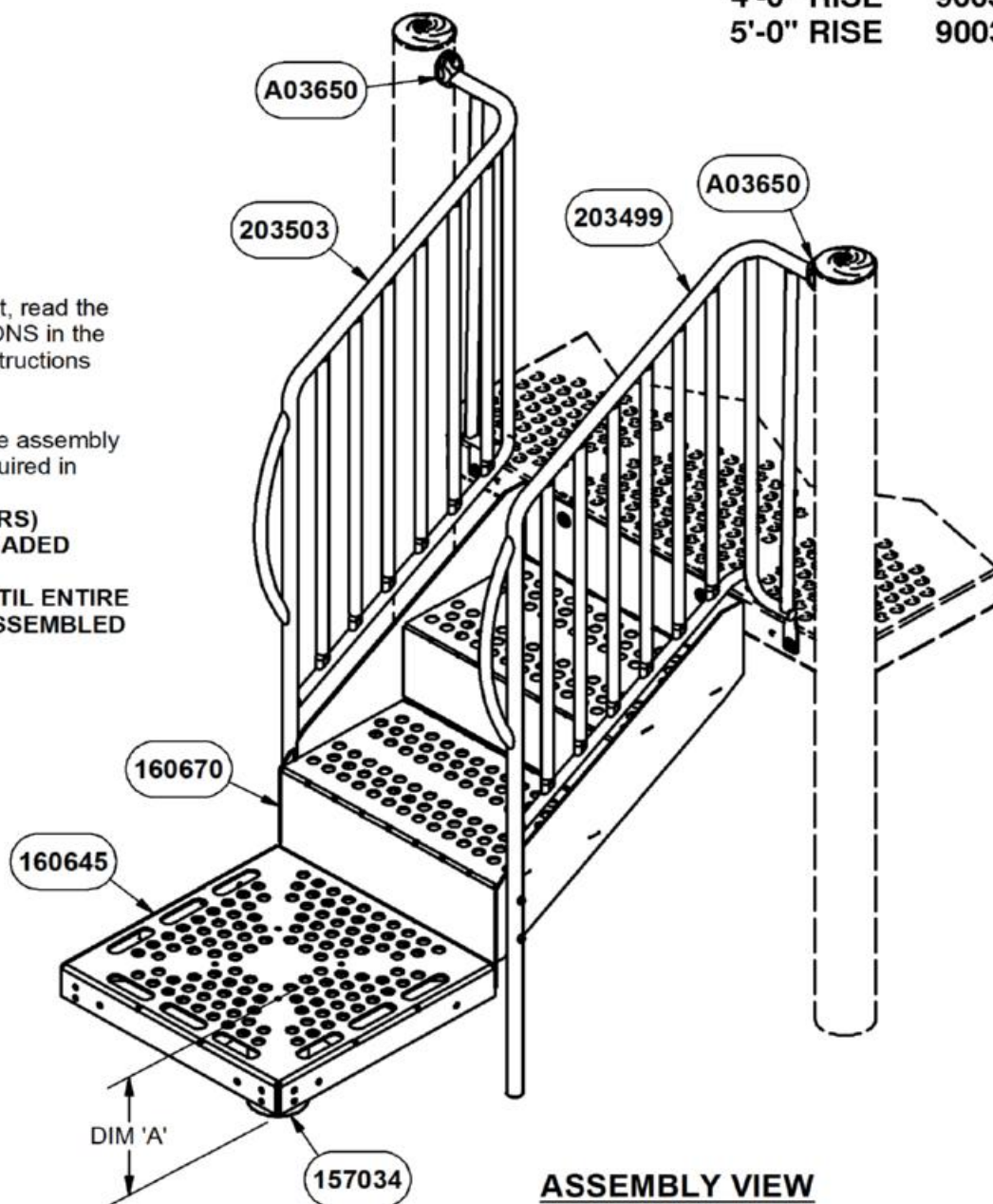
TRANSFER PLATFORM WITH BARRIER



INSTALLATION INSTRUCTIONS

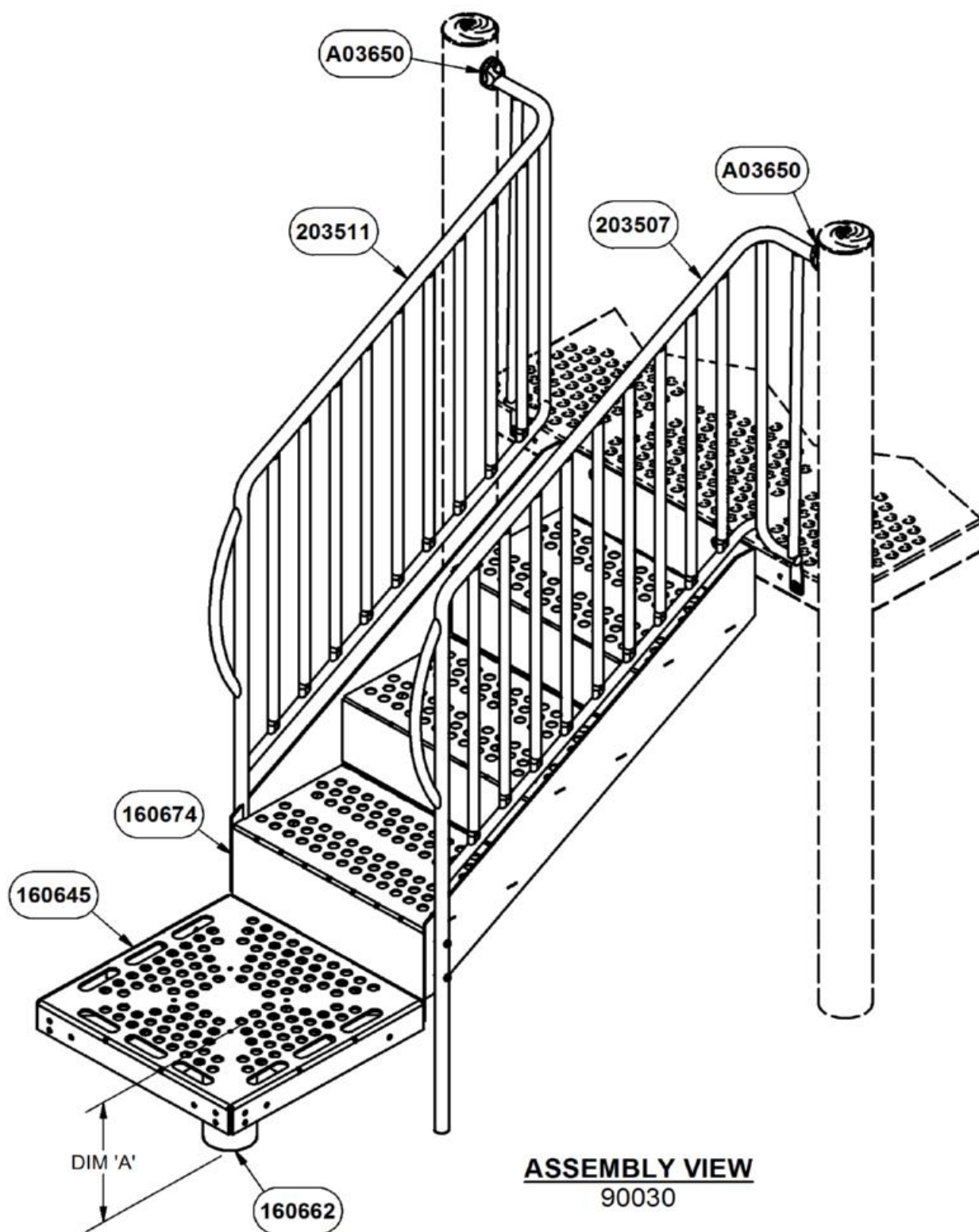
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

3'-0" RISE 90029
4'-0" RISE 90030
5'-0" RISE 90031



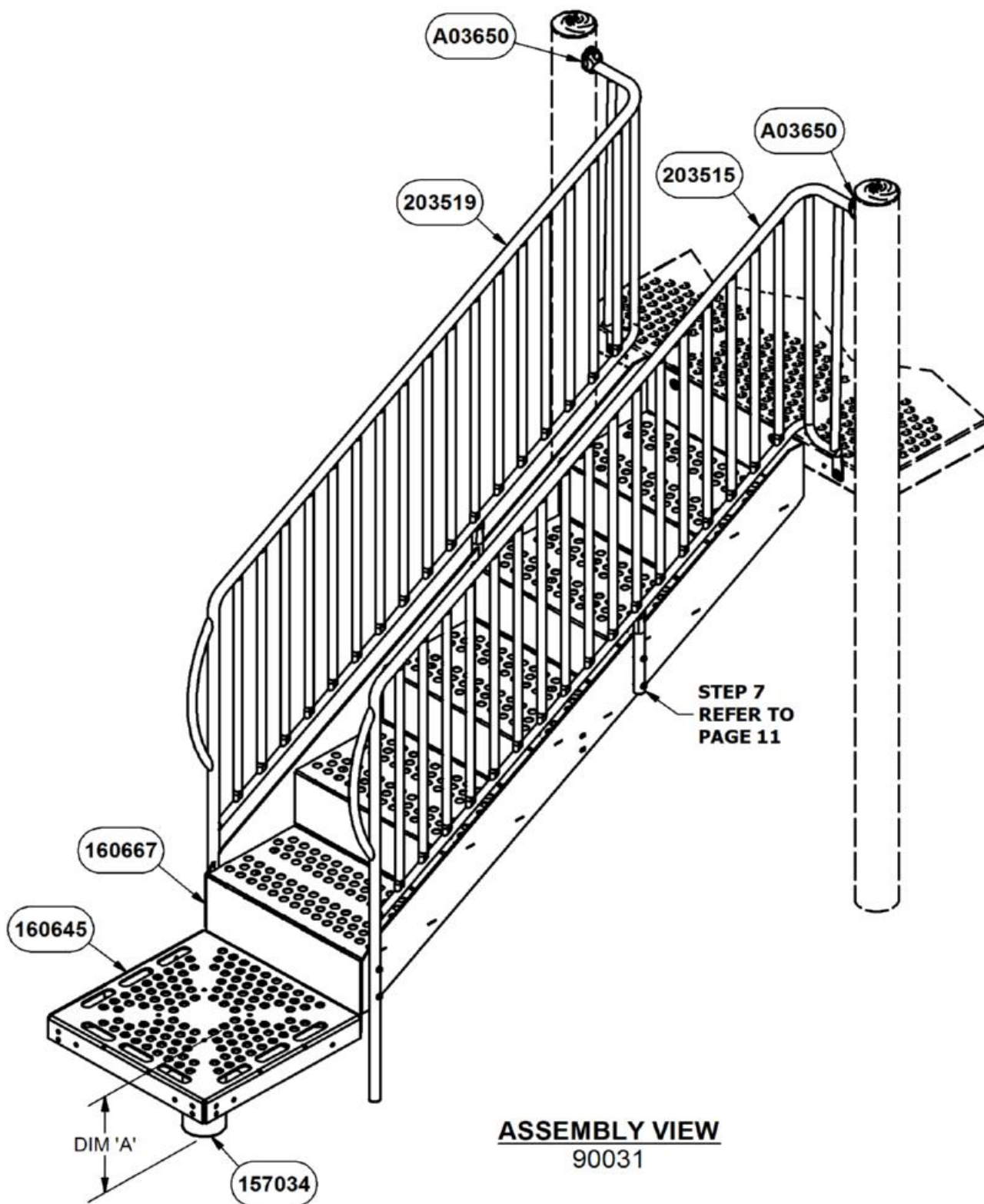
ASSEMBLY VIEW
90029

COMPONENT	DIM 'A'
90029	1'-0" [30.48 cm]
90030	1'-4" [40.64 cm]
90031	1'-0" [30.48 cm]

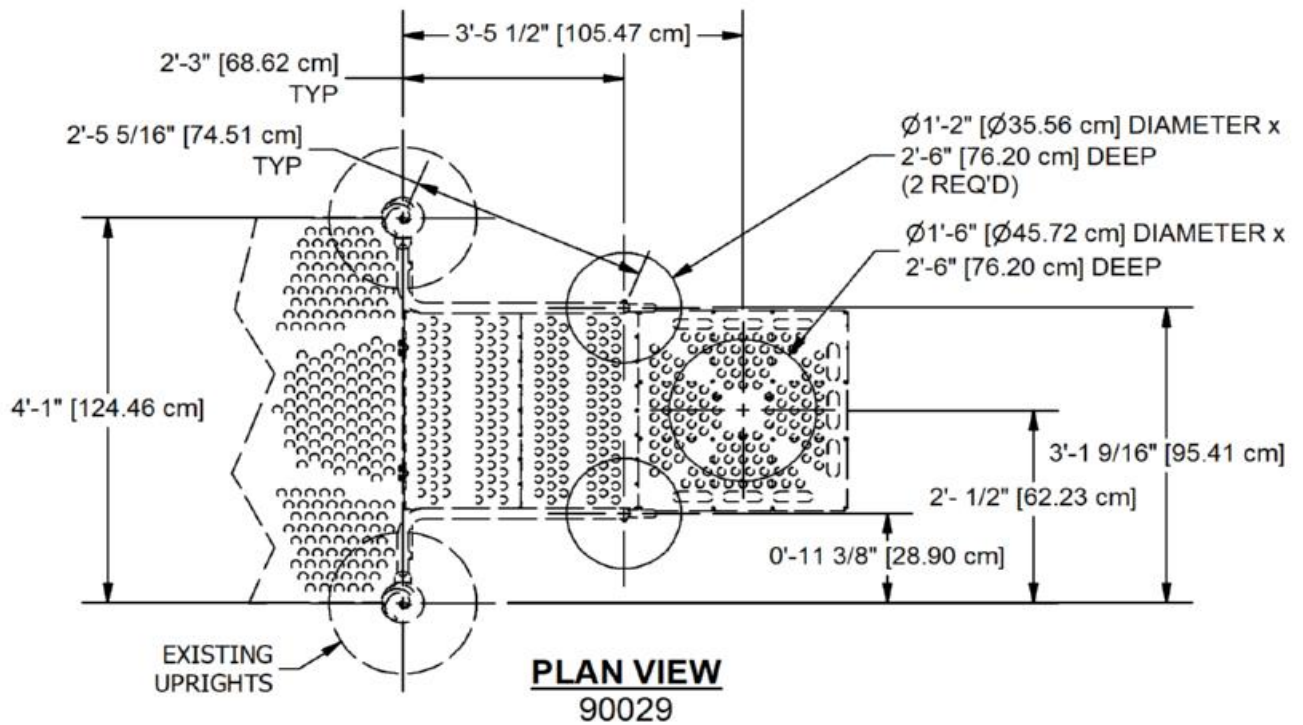


ASSEMBLY VIEW
90030

COMPONENT	DIM 'A'
90029	1'-0" [30.48 cm]
90030	1'-4" [40.64 cm]
90031	1'-0" [30.48 cm]

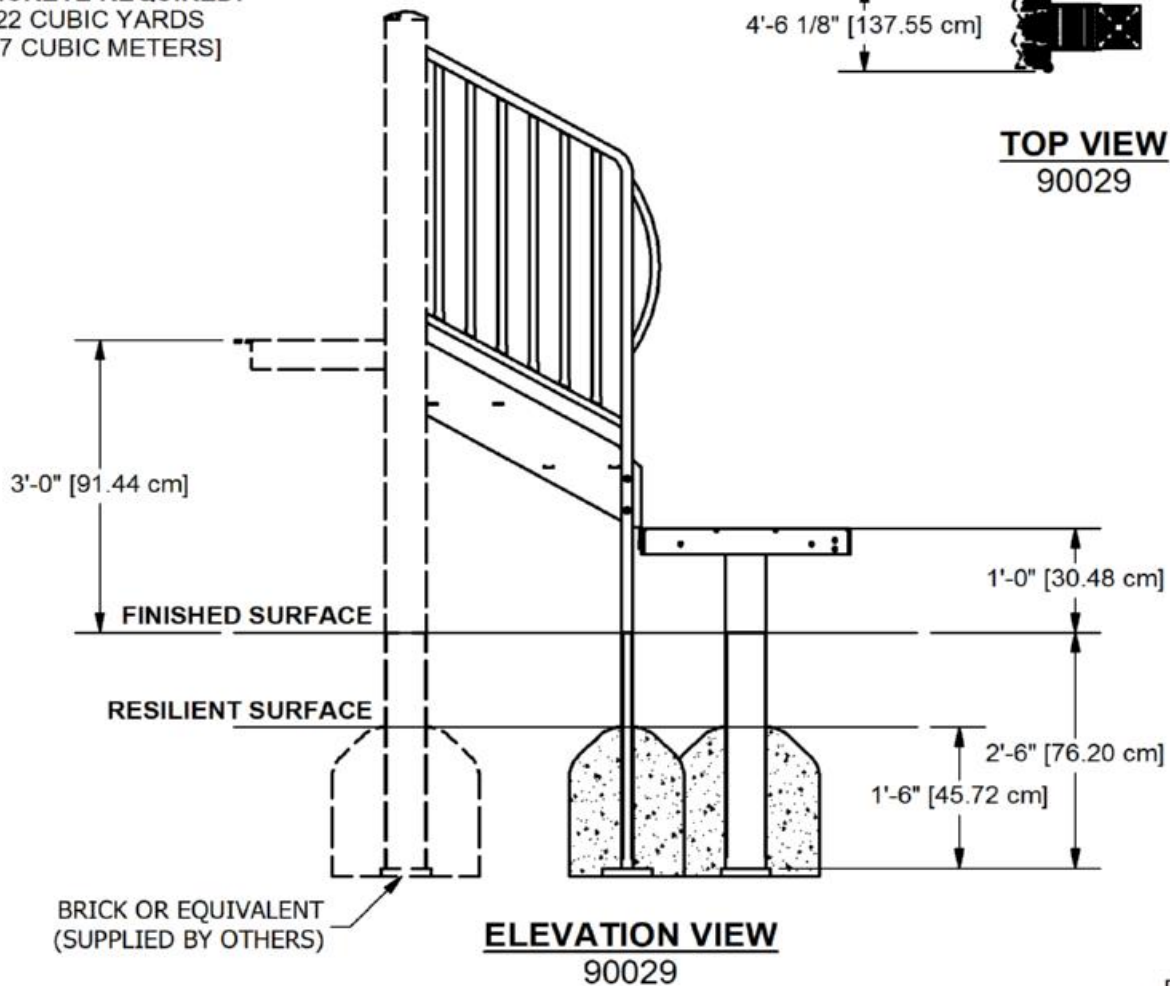
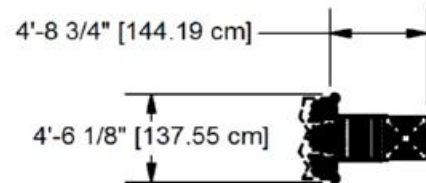


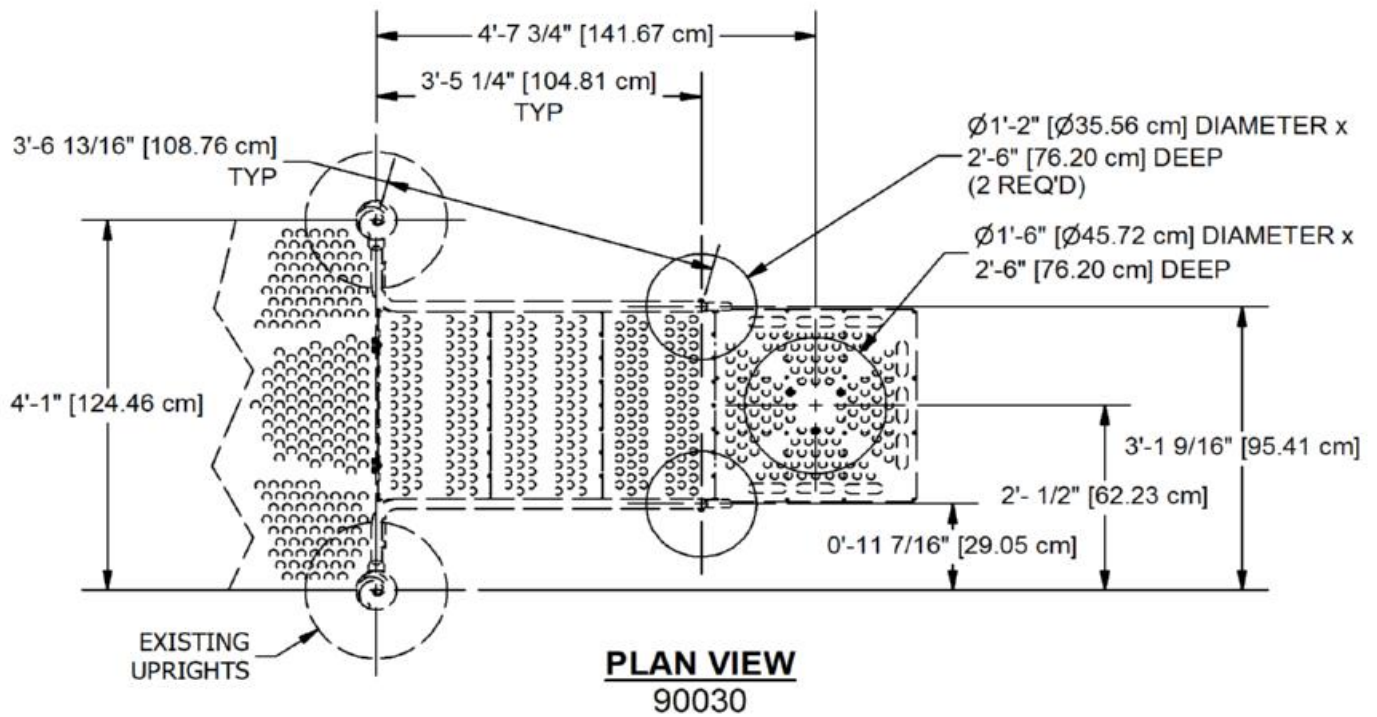
COMPONENT	DIM 'A'
90029	1'-0" [30.48 cm]
90030	1'-4" [40.64 cm]
90031	1'-0" [30.48 cm]



NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

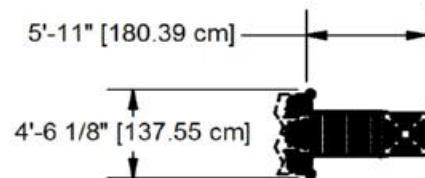
CONCRETE REQUIRED:
.22 CUBIC YARDS
[.17 CUBIC METERS]



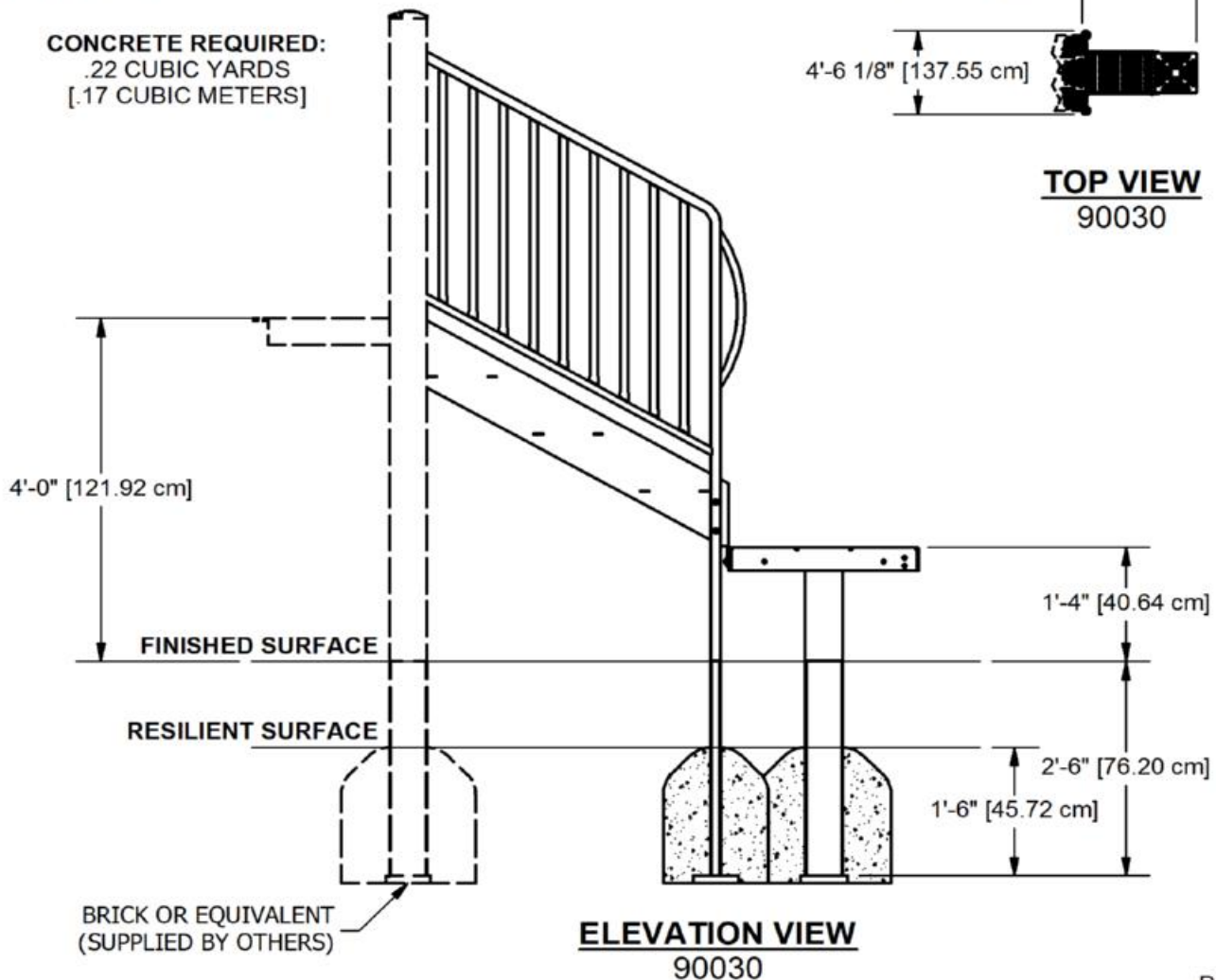


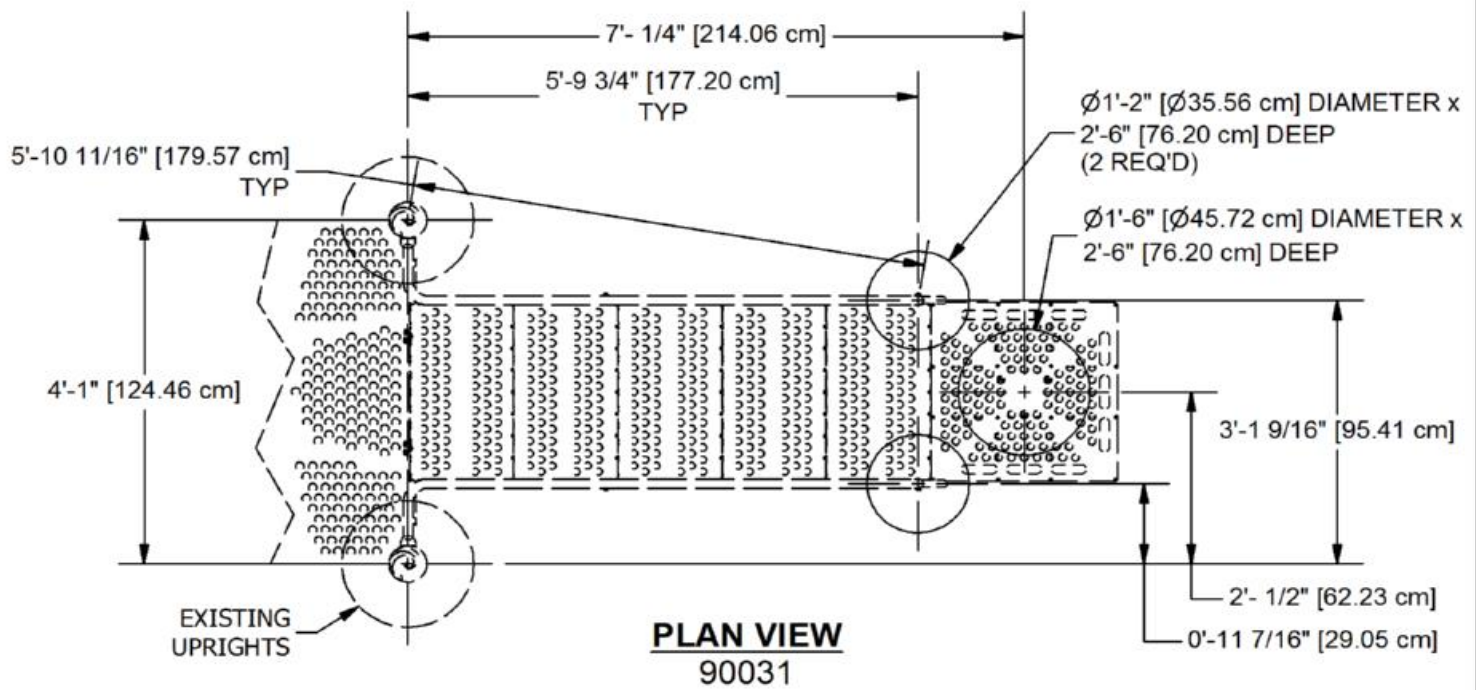
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

CONCRETE REQUIRED:
 .22 CUBIC YARDS
 [.17 CUBIC METERS]



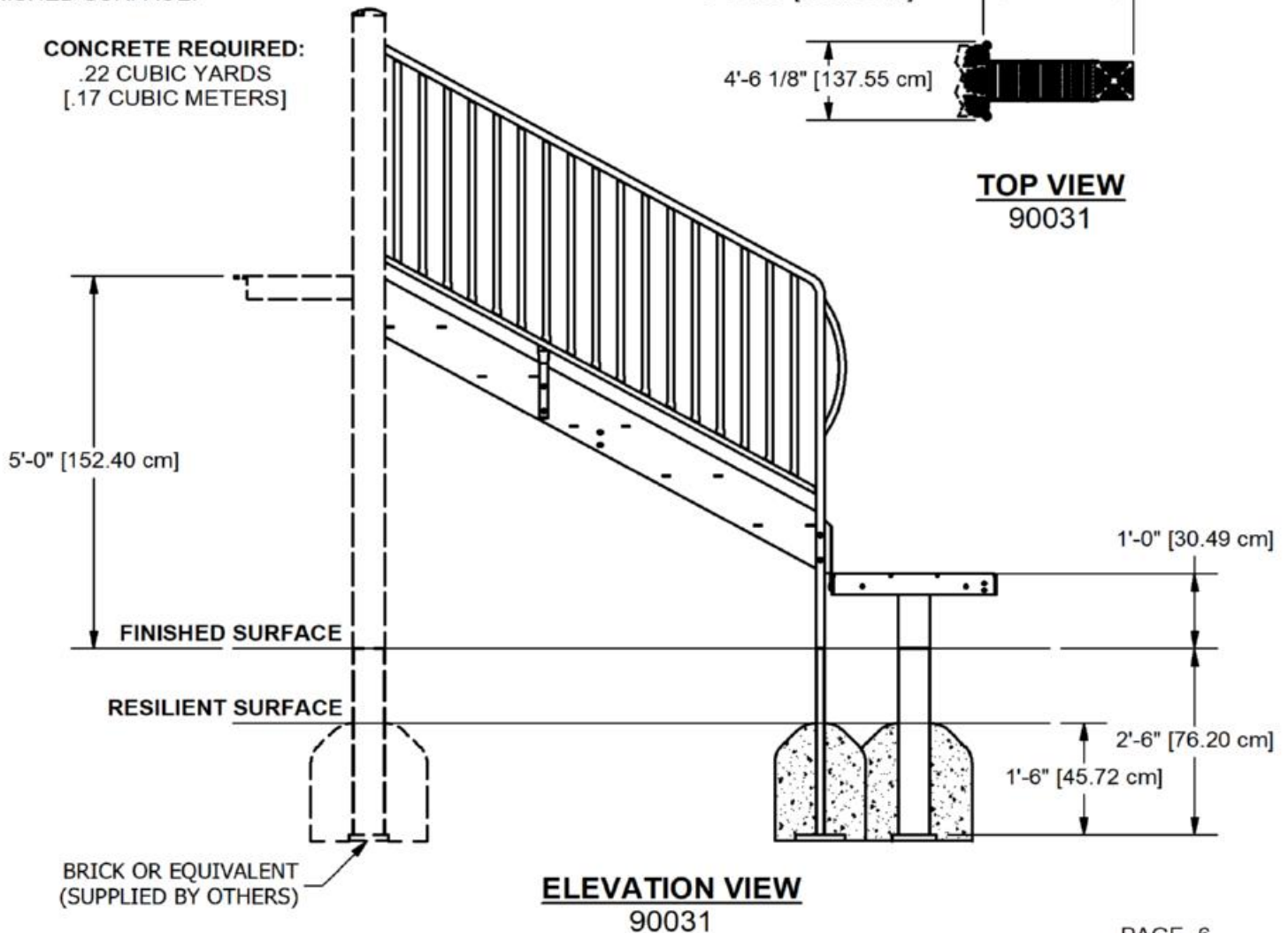
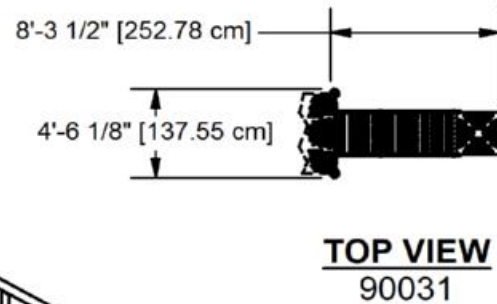
TOP VIEW
 90030

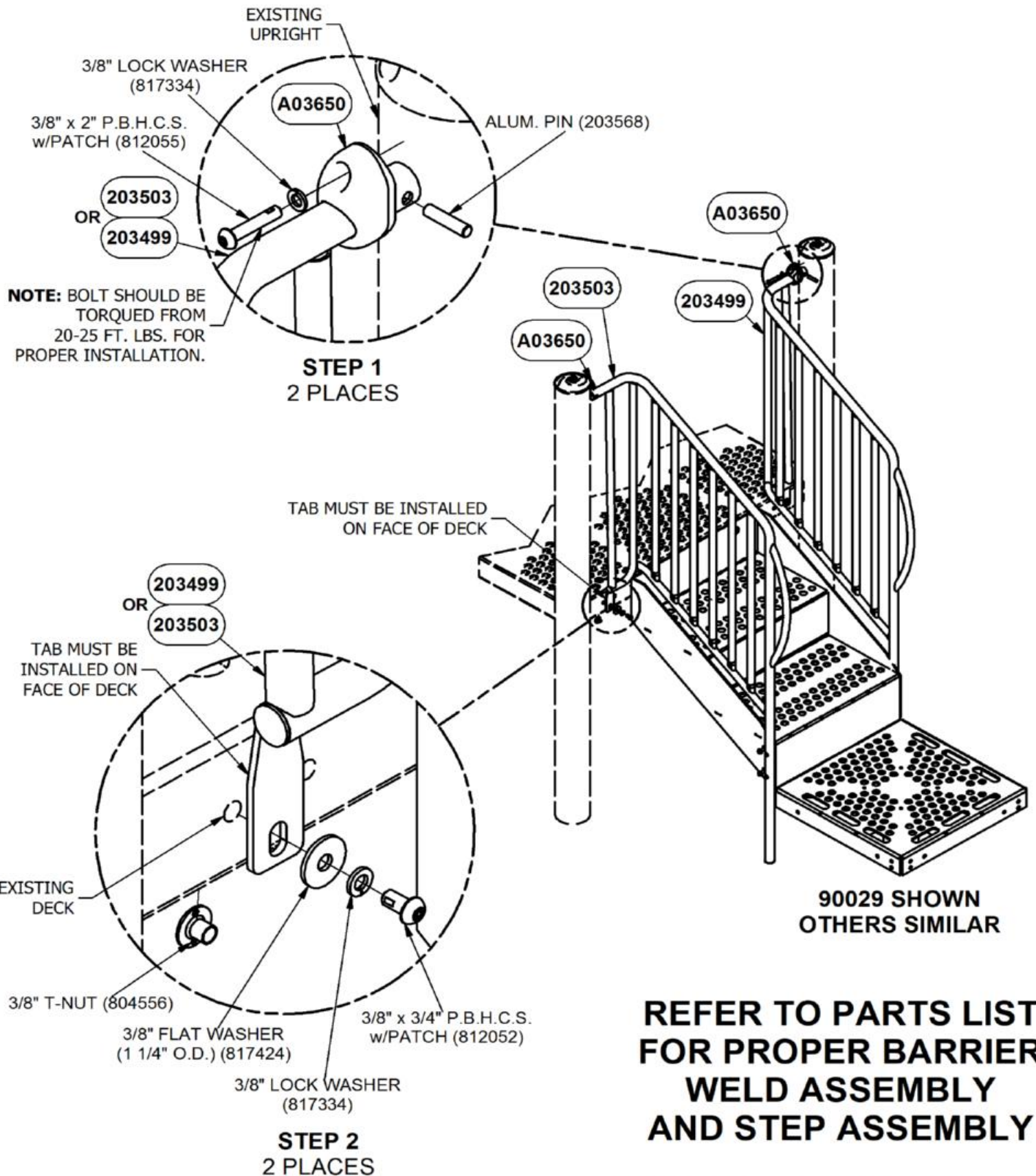




NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

CONCRETE REQUIRED:
.22 CUBIC YARDS
[.17 CUBIC METERS]



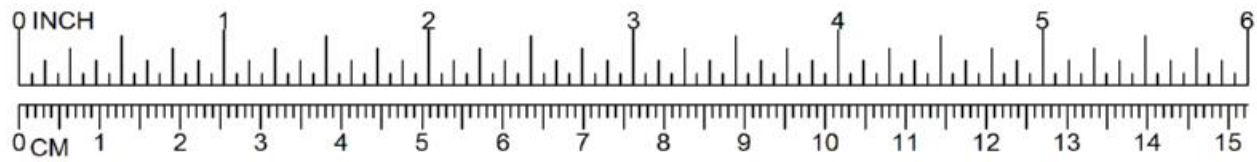


**REFER TO PARTS LIST
FOR PROPER BARRIER
WELD ASSEMBLY
AND STEP ASSEMBLY**

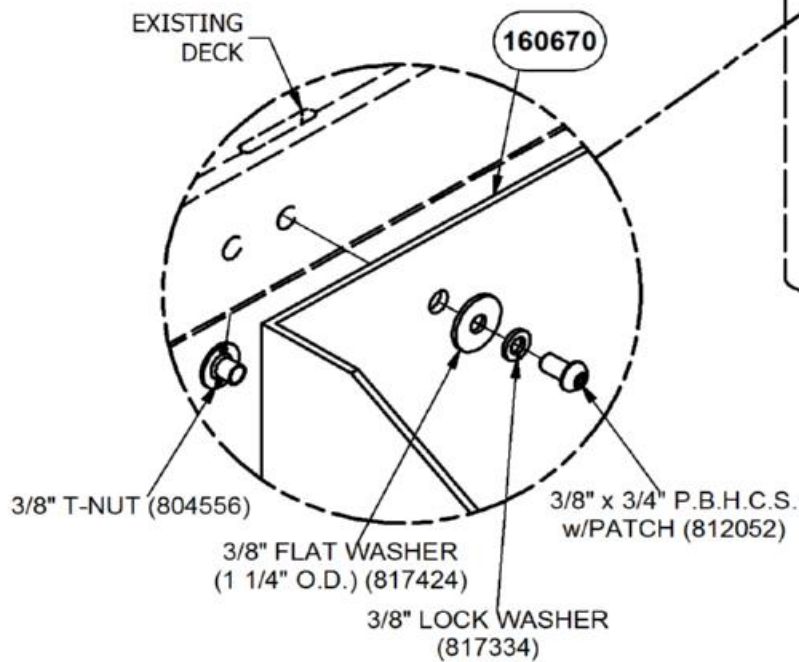
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

PAGE 8



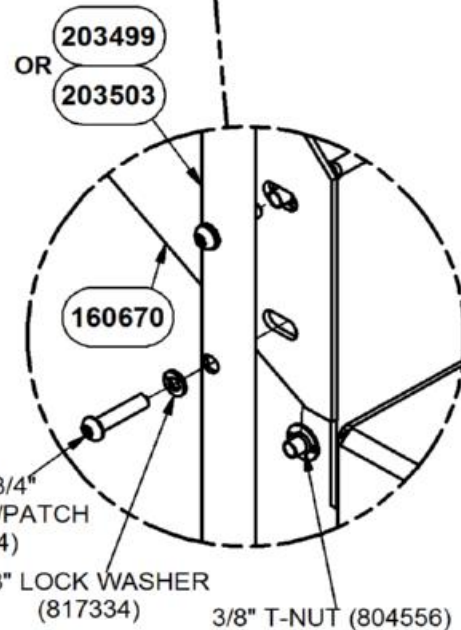
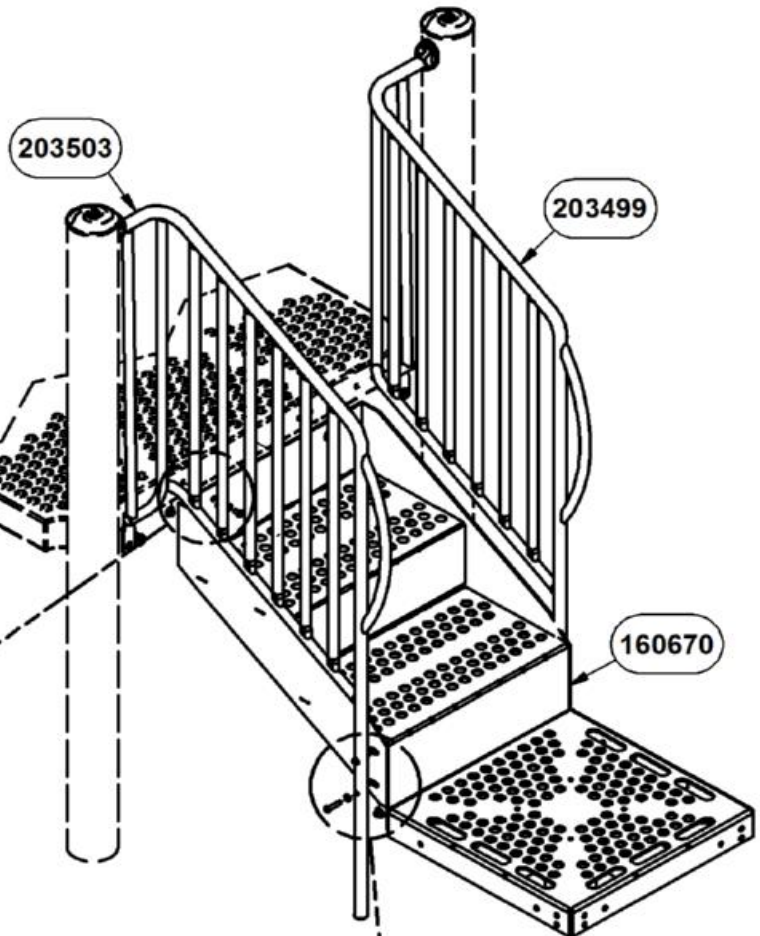
**90029 SHOWN
OTHERS SIMILAR**



**STEP 3
2 PLACES**

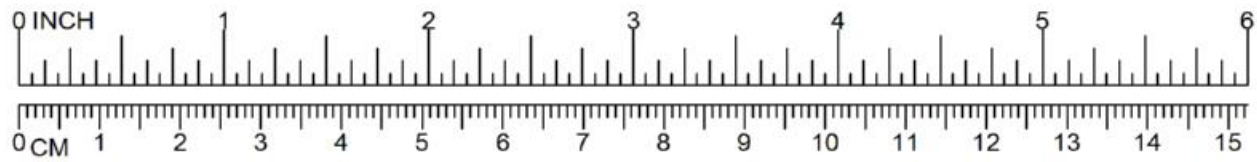
**REFER TO PARTS LIST
FOR PROPER BARRIER
WELD ASSEMBLY
AND STEP ASSEMBLY**

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

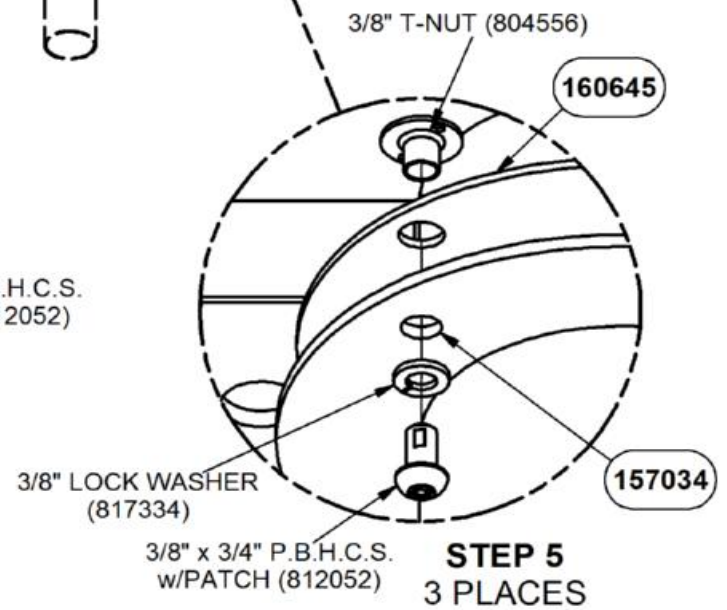
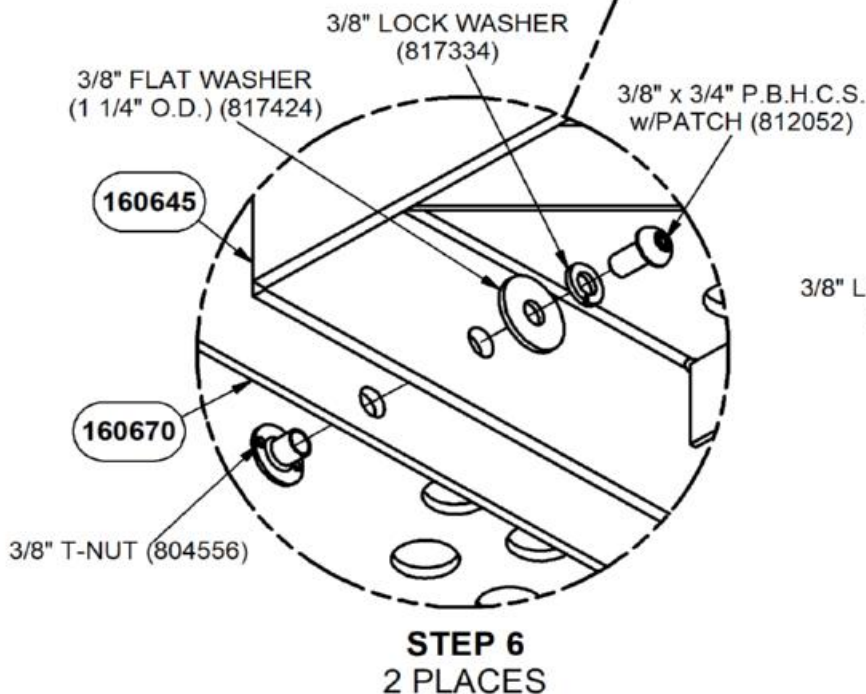
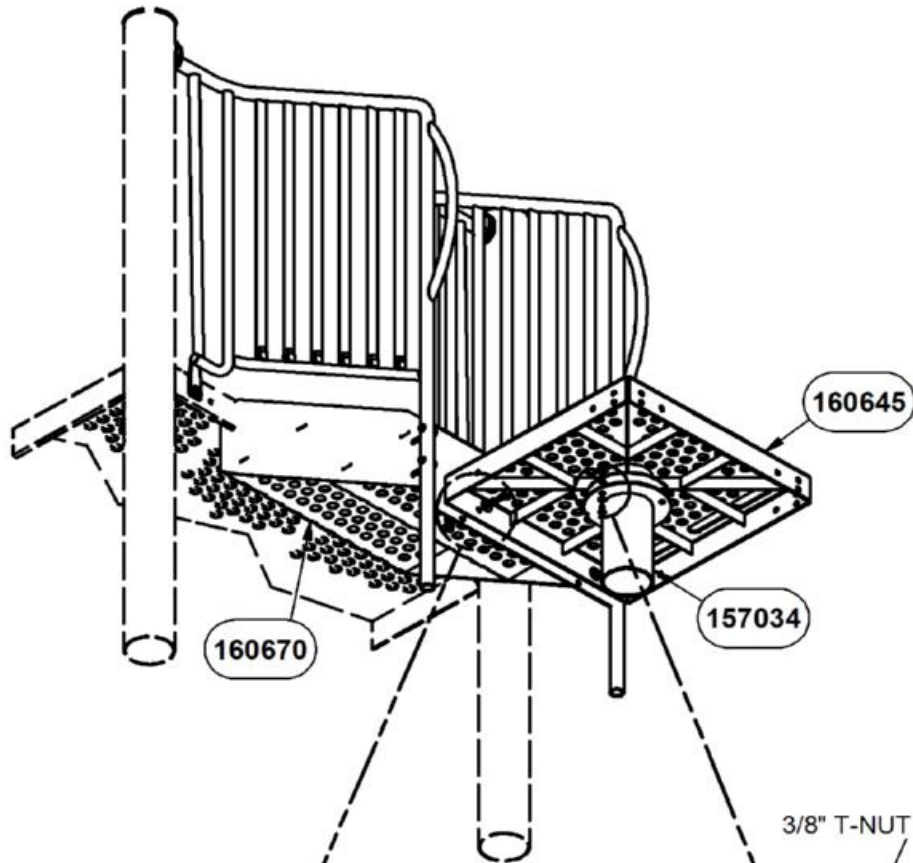


**STEP 4
4 PLACES**

DETAIL VIEW



90029 SHOWN
OTHERS SIMILAR

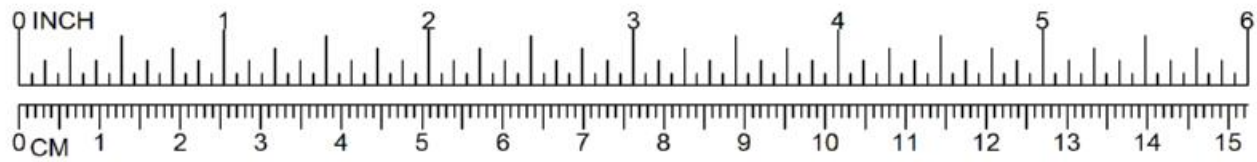


**REFER TO PARTS LIST
FOR PROPER UPRIGHT
AND STEP ASSEMBLY**

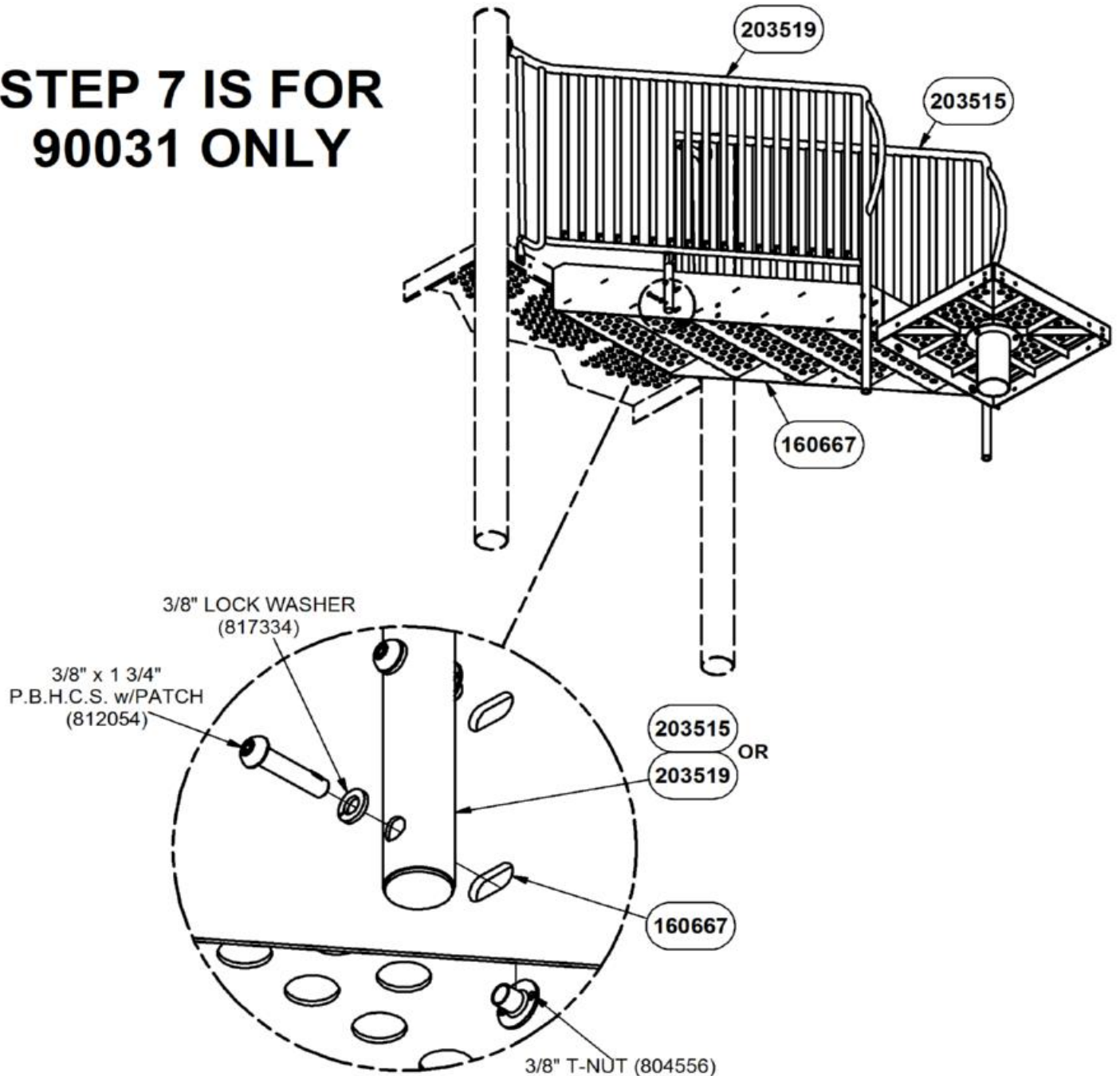
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

PAGE 10



STEP 7 IS FOR 90031 ONLY



STEP 7
90031 ONLY
4 PLACES

**REFER TO PARTS LIST
FOR PROPER BARRIER
WELD ASSEMBLY
AND STEP ASSEMBLY**

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

PAGE 11

Parts List				
DESCRIPTION	90029	90030	90031	PART NUMBER
RIGHT BARRIER WELD ASSEMBLY	1	0	0	203499
RIGHT BARRIER WELD ASSEMBLY	0	1	0	203507
RIGHT BARRIER WELD ASSEMBLY	0	0	1	203515
LEFT BARRIER WELD ASSEMBLY	1	0	0	203503
LEFT BARRIER WELD ASSEMBLY	0	1	0	203511
LEFT BARRIER WELD ASSEMBLY	0	0	1	203519
STEP ASS'Y	1	0	0	160670
STEP ASS'Y	0	1	0	160674
STEP ASS'Y	0	0	1	160667
COATED PLATFORM	1	1	1	160645
UPRIGHT ASS'Y	1	0	1	157034
UPRIGHT ASS'Y	0	1	0	160662
TRU-LOC	2	2	2	A03650
HARDWARE COMPLETE	1	1	0	203565
HARDWARE COMPLETE	0	0	1	210102
3/8" x 3/4" P.B.H.C.S. w/PATCH	9	9	9	812052*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	4	4	8	812054*
3/8" x 2" P.B.H.C.S. w/PATCH	2	2	2	812055*
3/8" FLAT WASHER (1 1/4" O.D.)	6	6	6	817424*
3/8" LOCK WASHER	15	15	19	817334*
3/8" T-NUT	13	13	17	804556*
ALUM. PIN	2	2	2	203568*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

PowerScape



A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 11/18/2020

90103 SCHOONER CLIMBER



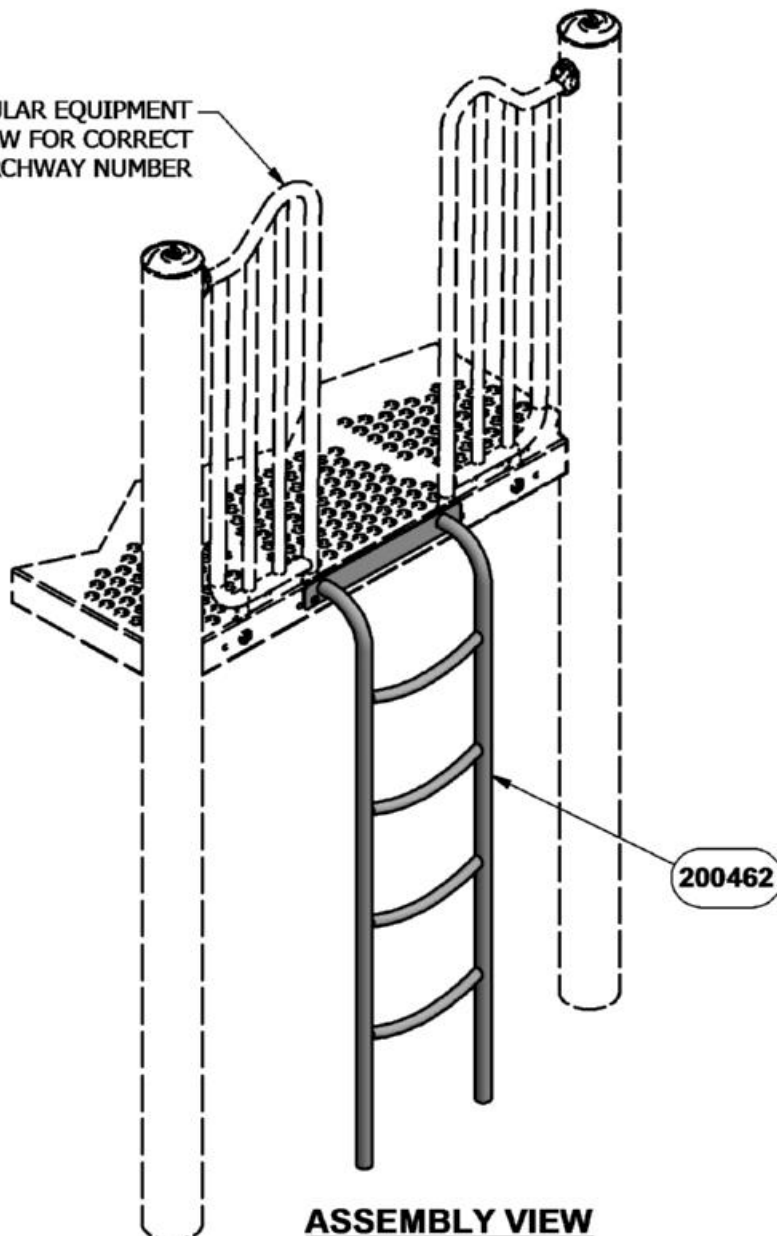
90103
90104
90105
90106

2'-0"	90103
2'-6" & 3'-0"	90104
3'-6" & 4'-0"	90105
4'-6" & 5'-0"	90106
5'-6" & 6'-0"	90107
6'-6" & 7'-0"	90108
7'-6" & 8'-0"	90109



90107
90108
90109

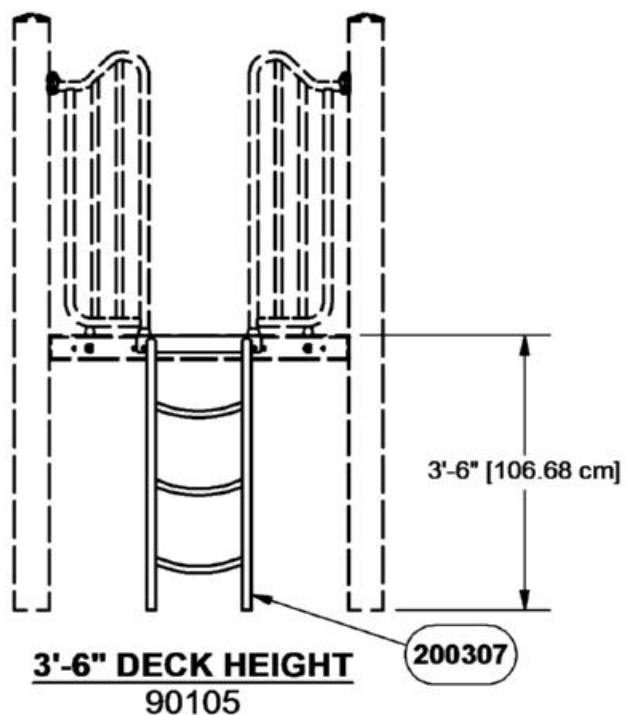
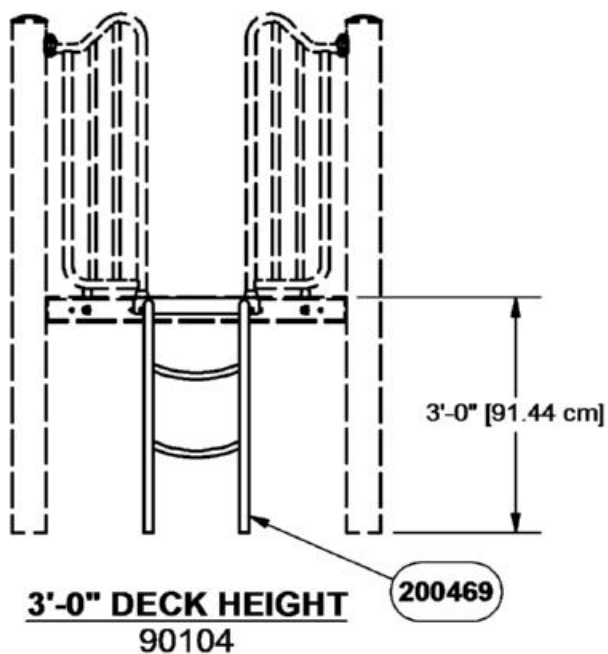
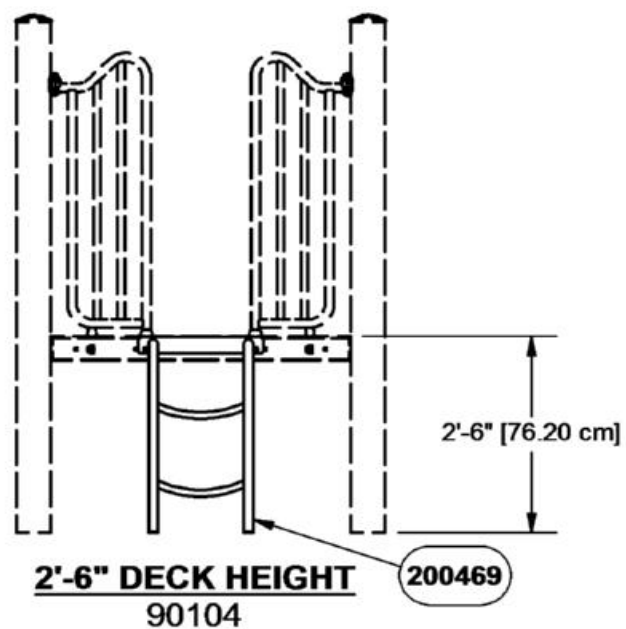
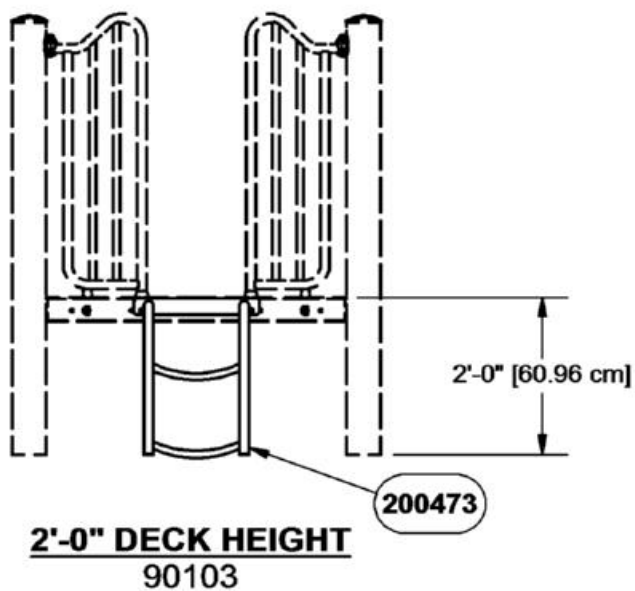
REFER TO MODULAR EQUIPMENT
TOP VIEW FOR CORRECT
ARCHWAY NUMBER

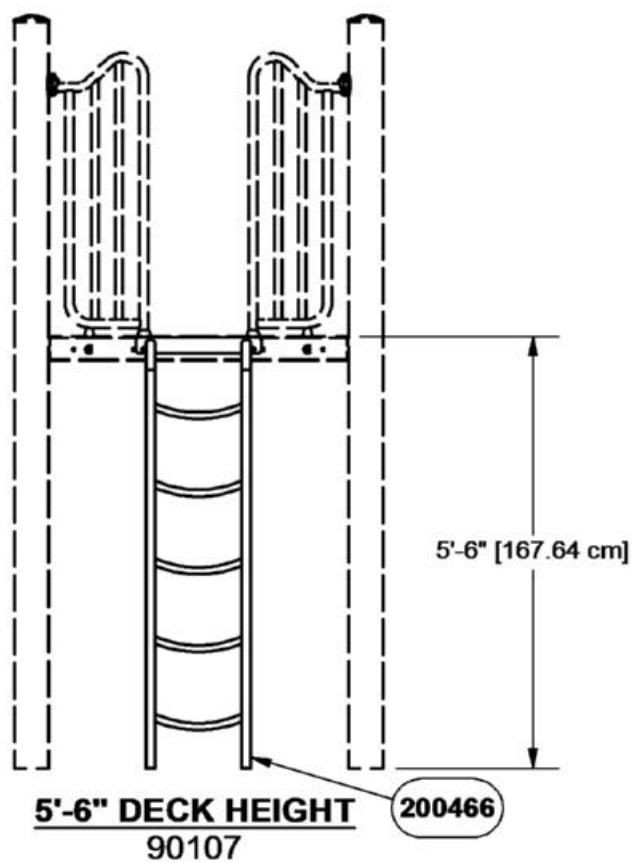
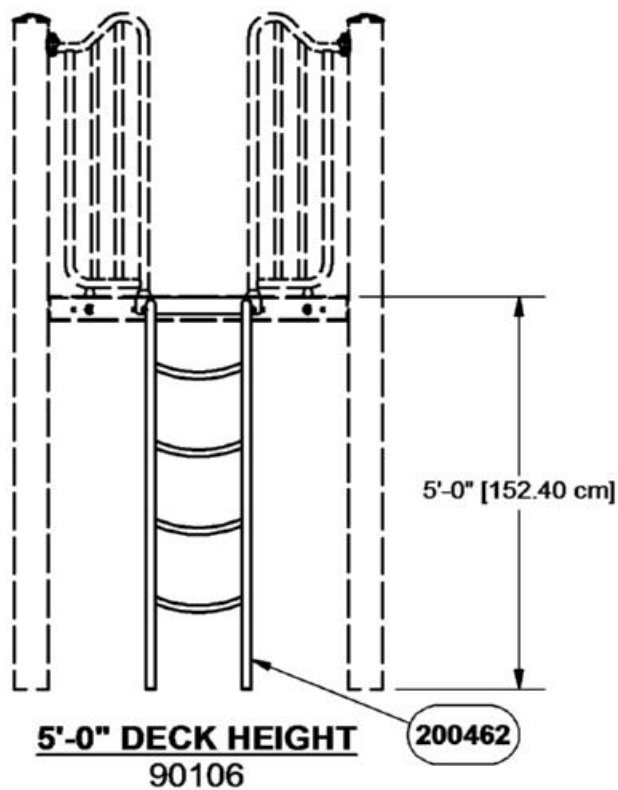
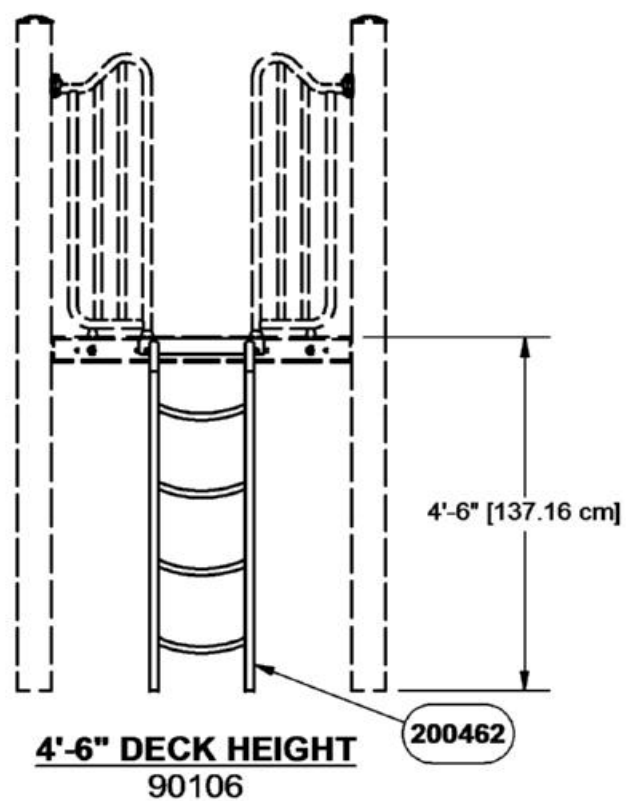
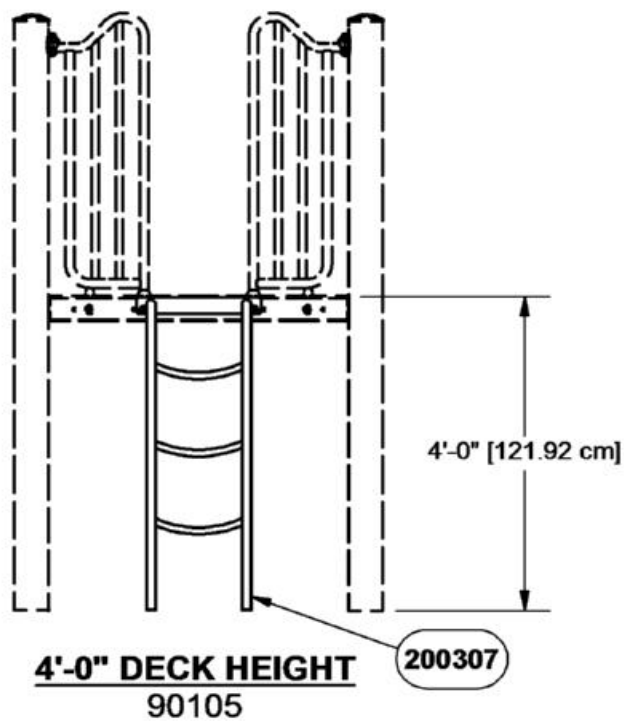


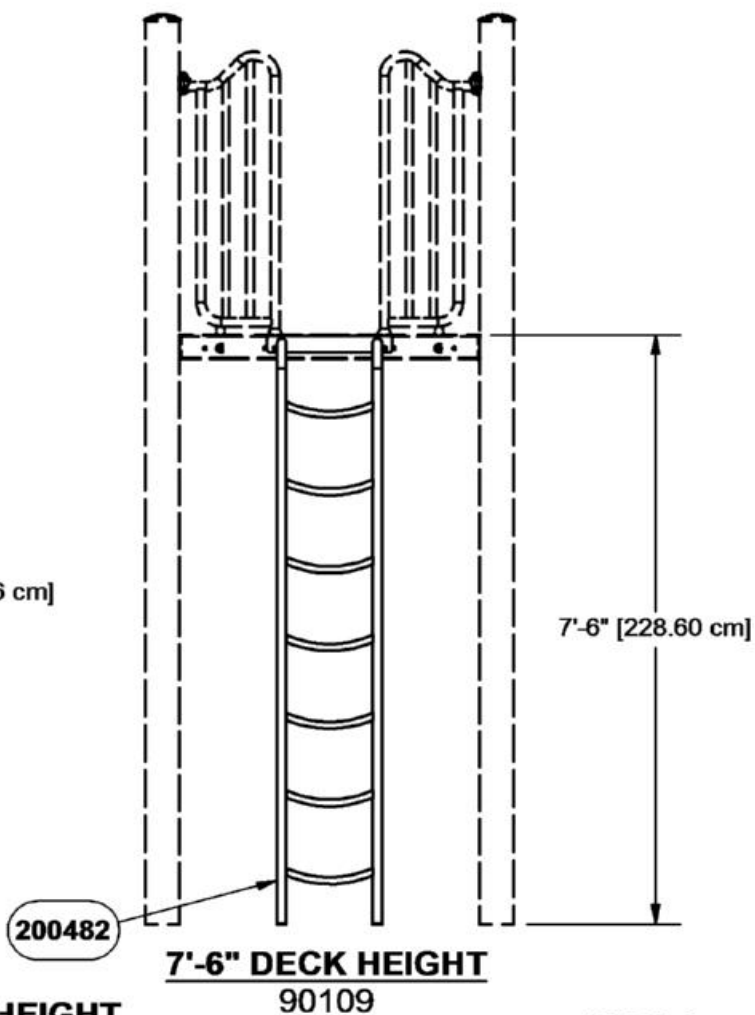
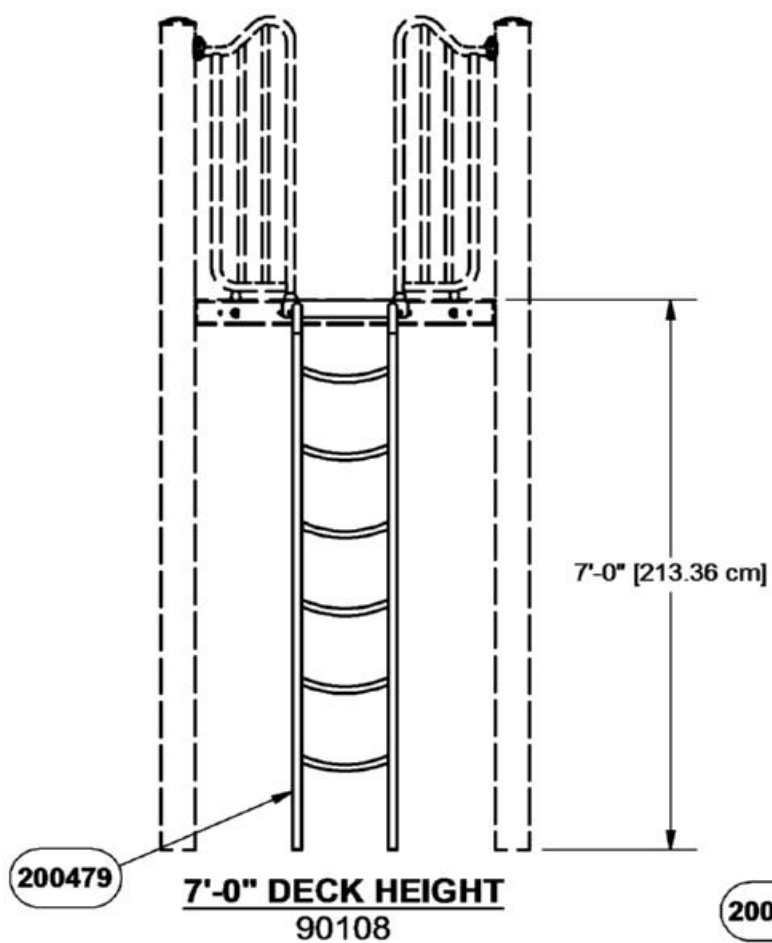
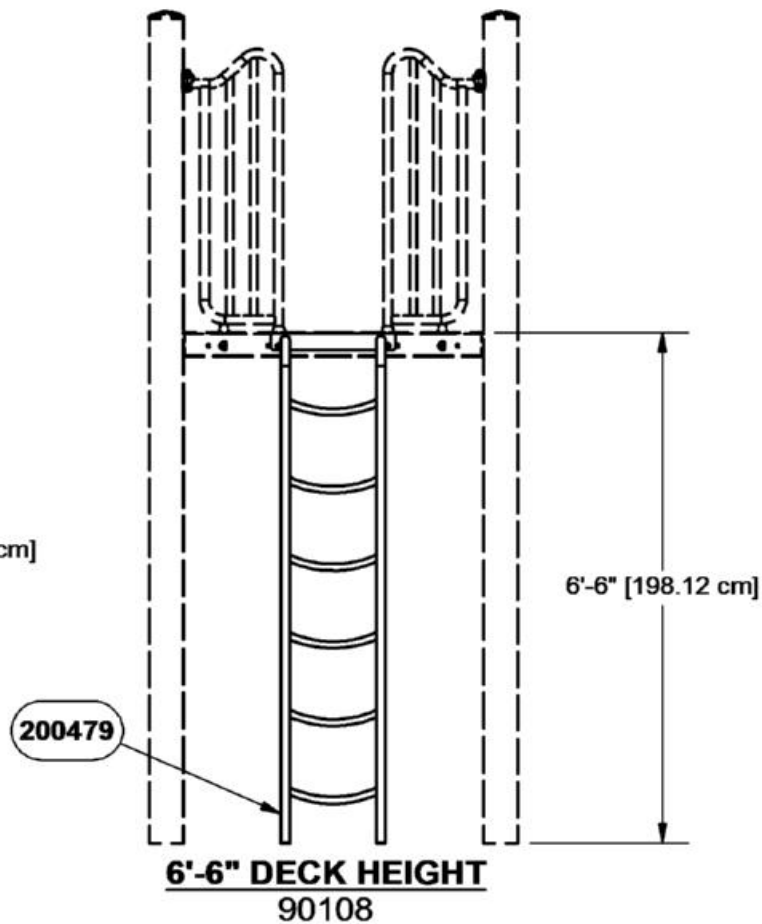
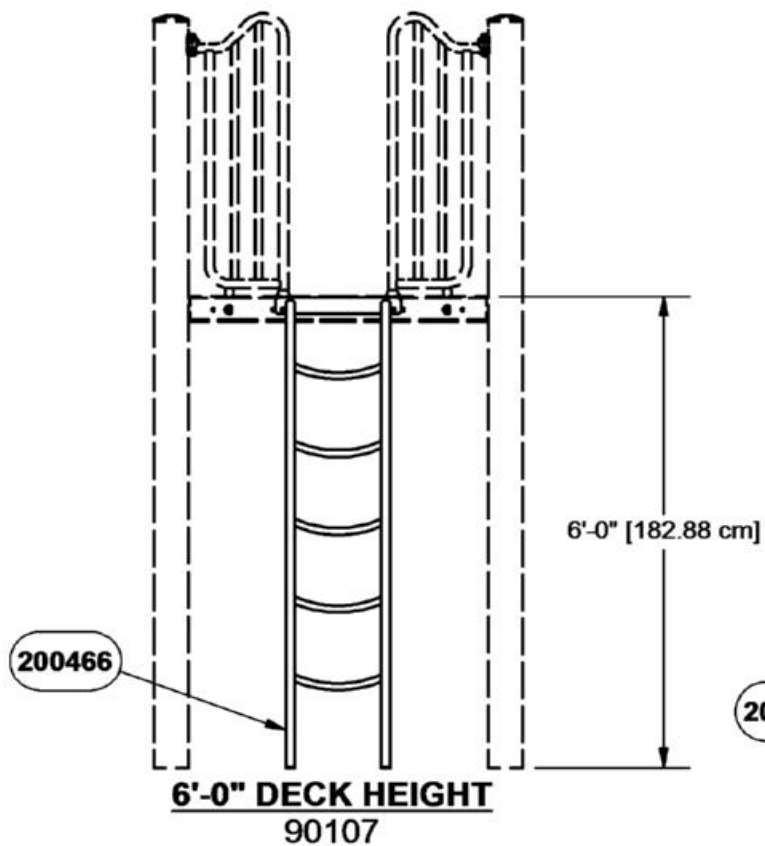
INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

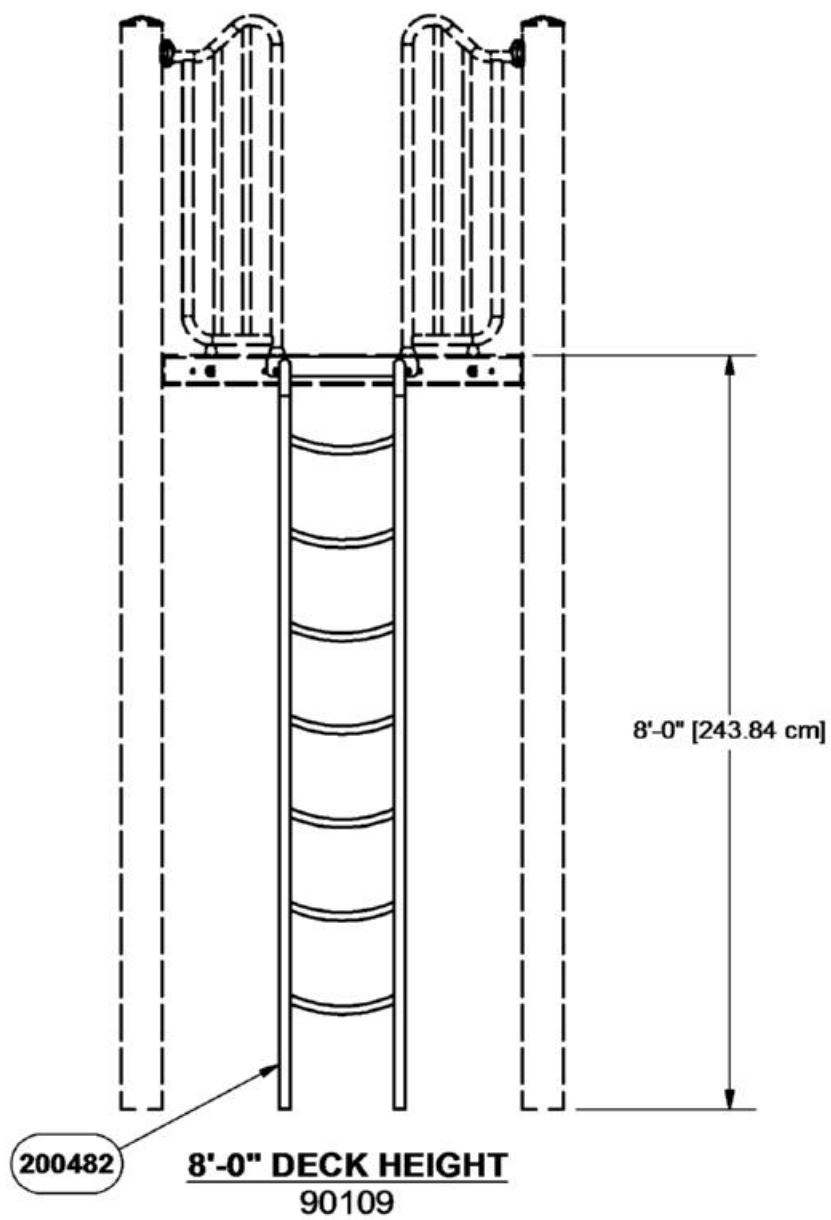
ASSEMBLY VIEW
5'-0" 90106 SHOWN

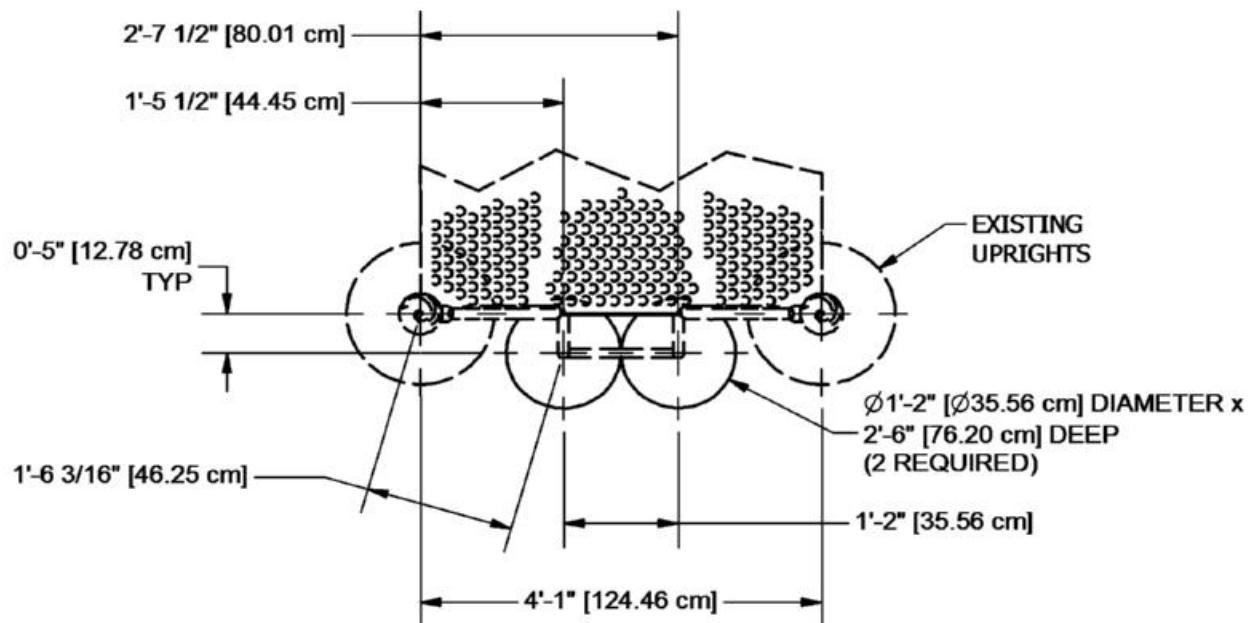






**DECK HEIGHT
ELEVATIONS**

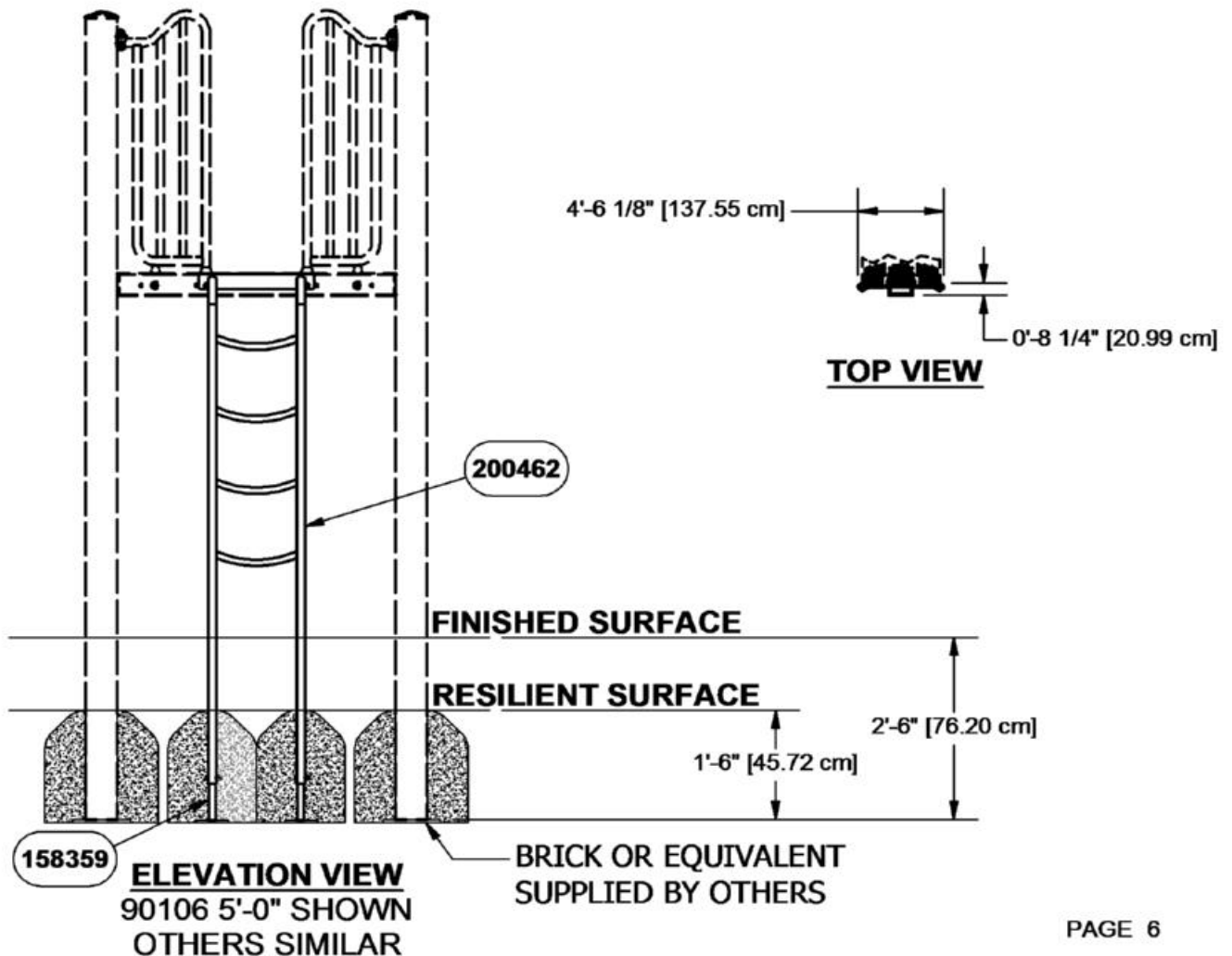


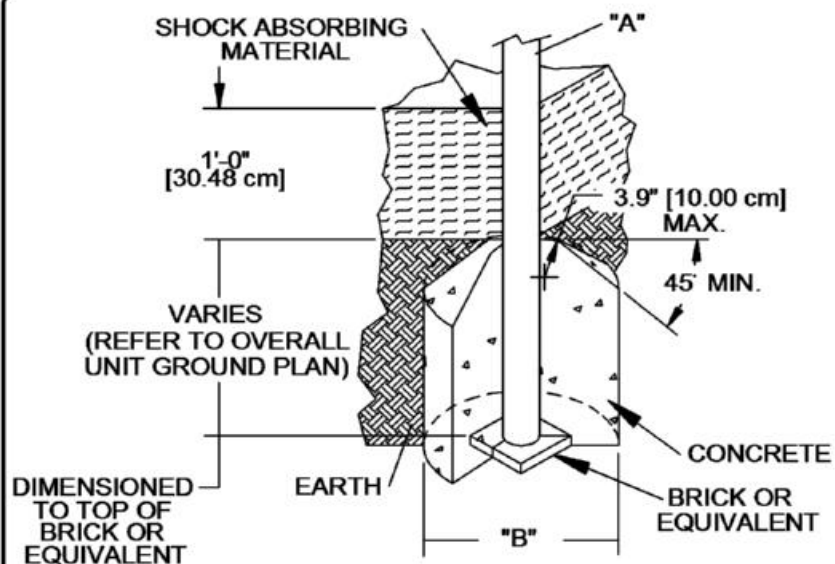


PLAN VIEW

CONCRETE REQUIRED:
.12 CUBIC YARDS
[.09 CUBIC METERS]

NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



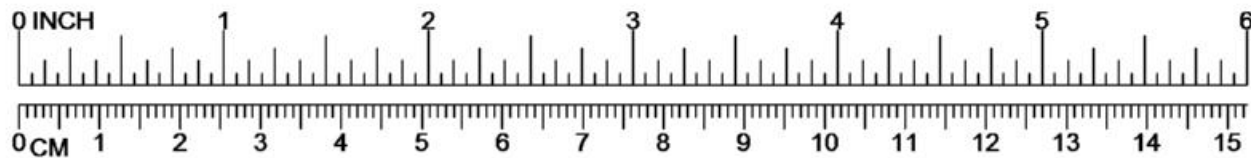


NOTES:
 -SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
 -SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

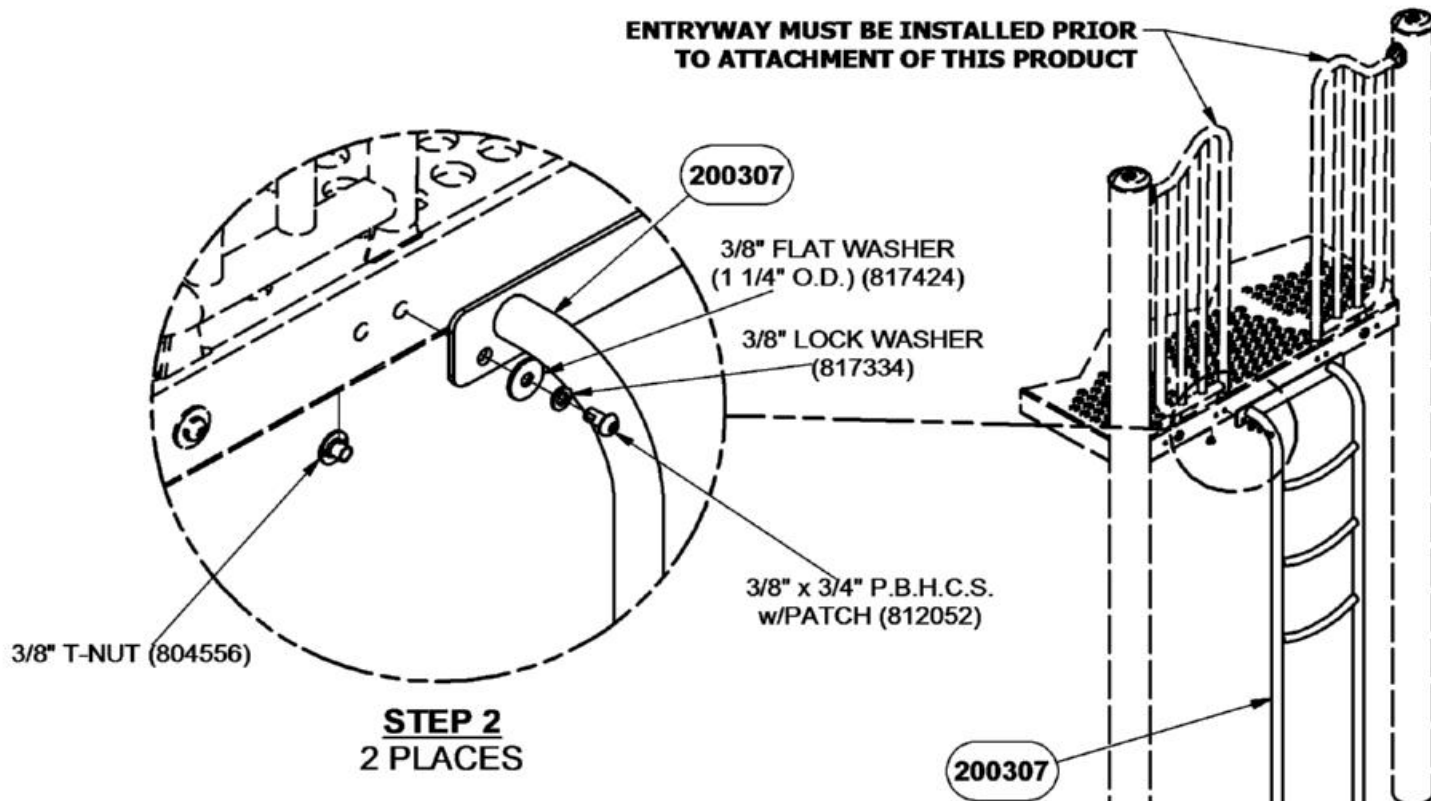
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

FOOTING DETAIL

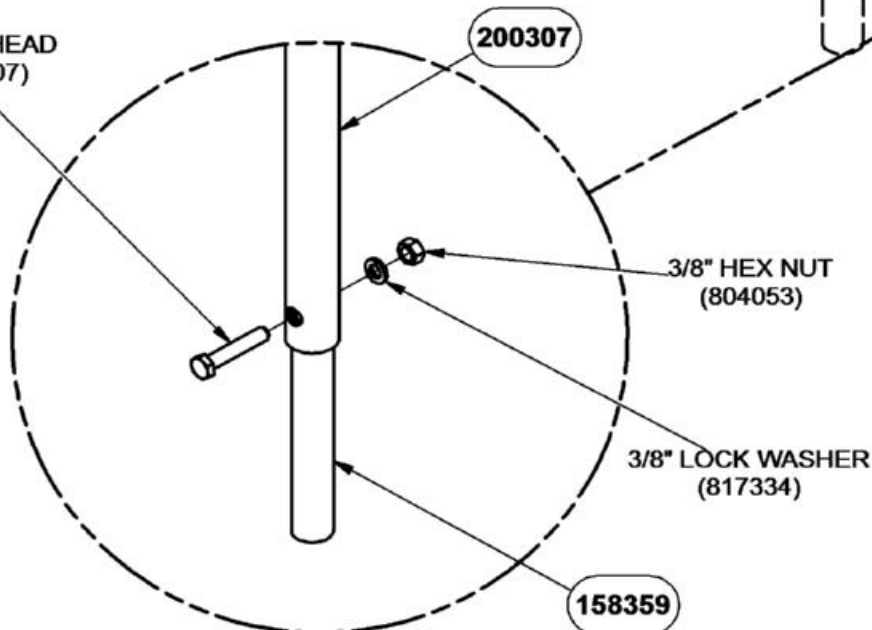
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS	
5" [12.70 cm]	2'-0" [60.96 cm]
TREE SCAPE	
5" [12.70 cm]	4'-0" [121.92 cm]



**ENTRYWAY MUST BE INSTALLED PRIOR
TO ATTACHMENT OF THIS PRODUCT**



3/8" x 2" HEX HEAD
BOLT (801007)



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

Parts List								
DESCRIPTION	90103	90104	90105	90106	90107	90108	90109	PART NUMBER
SCHOONER CLIMBER WELD ASS'Y	1	0	0	0	0	0	0	200473
SCHOONER CLIMBER WELD ASS'Y	0	1	0	0	0	0	0	200469
SCHOONER CLIMBER WELD ASS'Y	0	0	1	0	0	0	0	200307
SCHOONER CLIMBER WELD ASS'Y	0	0	0	1	0	0	0	200462
SCHOONER CLIMBER WELD ASS'Y	0	0	0	0	1	0	0	200466
SCHOONER CLIMBER WELD ASS'Y	0	0	0	0	0	1	0	200479
SCHOONER CLIMBER WELD ASS'Y	0	0	0	0	0	0	1	200482
HARDWARE COMPLETE	1	0	0	0	0	0	0	203664
HARDWARE COMPLETE	0	1	1	1	1	1	1	203665
EXTENSION	0	2	2	2	2	2	2	158359*
3/8" x 3/4" P.B.H.C.S. w/PATCH	2	2	2	2	2	2	2	812052*
3/8" x 2" HEX HEAD BOLT	0	2	2	2	2	2	2	801007*
3/8" LOCK WASHER	2	4	4	4	4	4	4	817334*
3/8" FLAT WASHER (1 1/4" O.D.)	2	2	2	2	2	2	2	817424*
3/8" HEX-NUT	0	2	2	2	2	2	2	804053*
3/8" T-NUT	2	2	2	2	2	2	2	804556*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

DECORATIVE PANEL

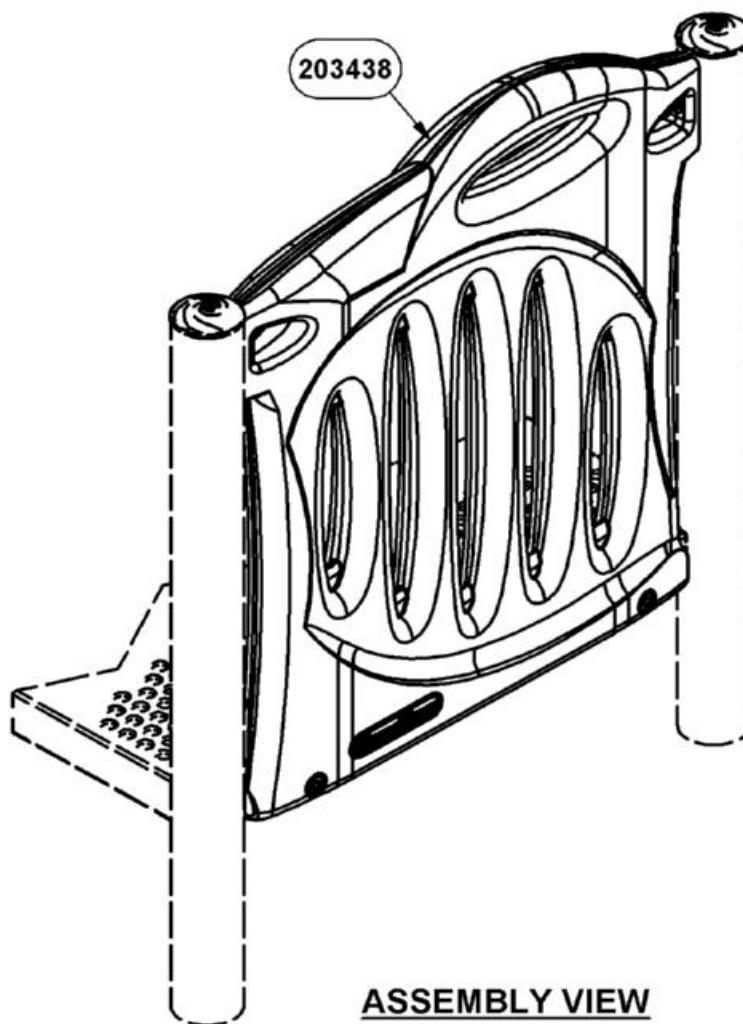


UP TO 5'-0"
DECK HEIGHT



ALL
DECK HEIGHTS

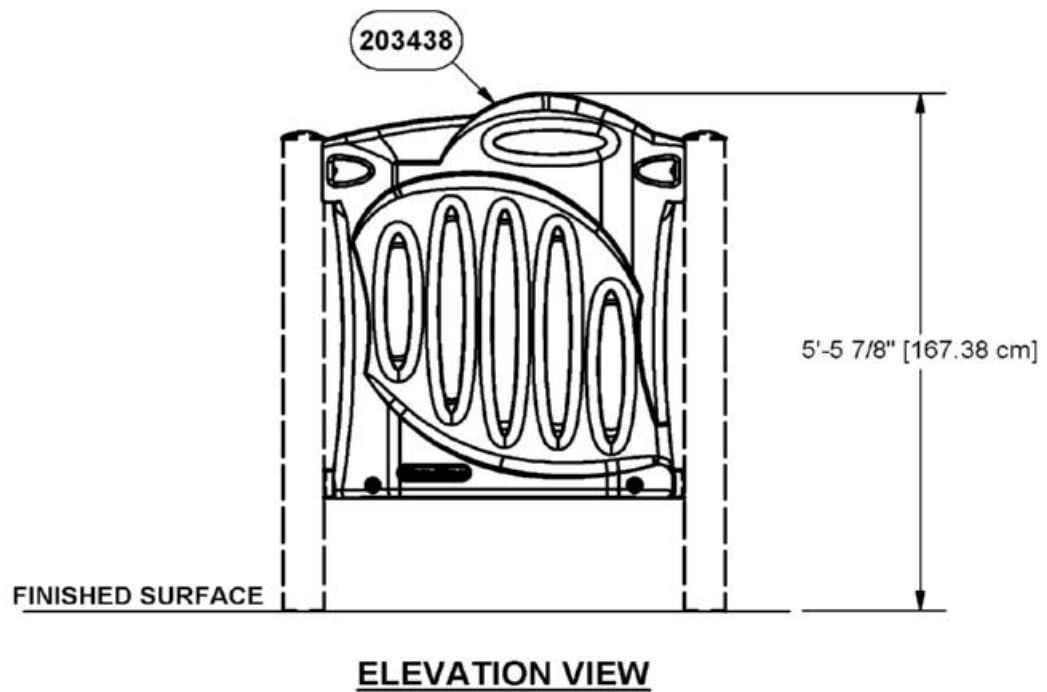
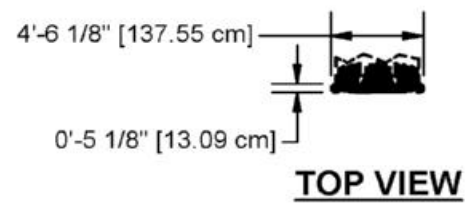
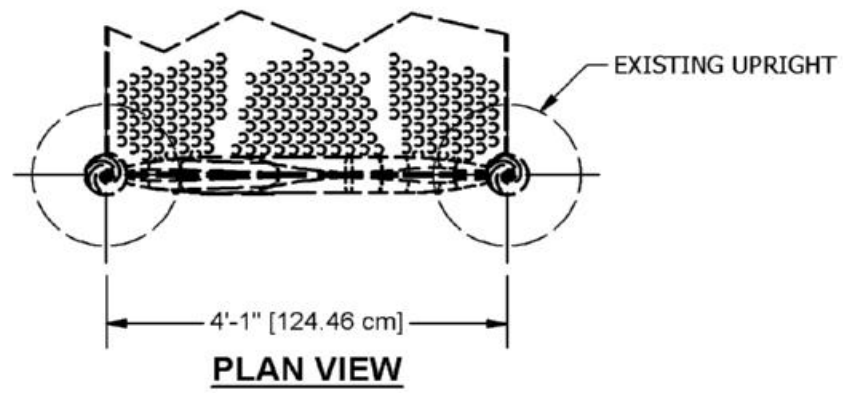
NOTE: DECORATIVE PANEL
(203438) MUST BE
CENTERED IN DECK
OPENING

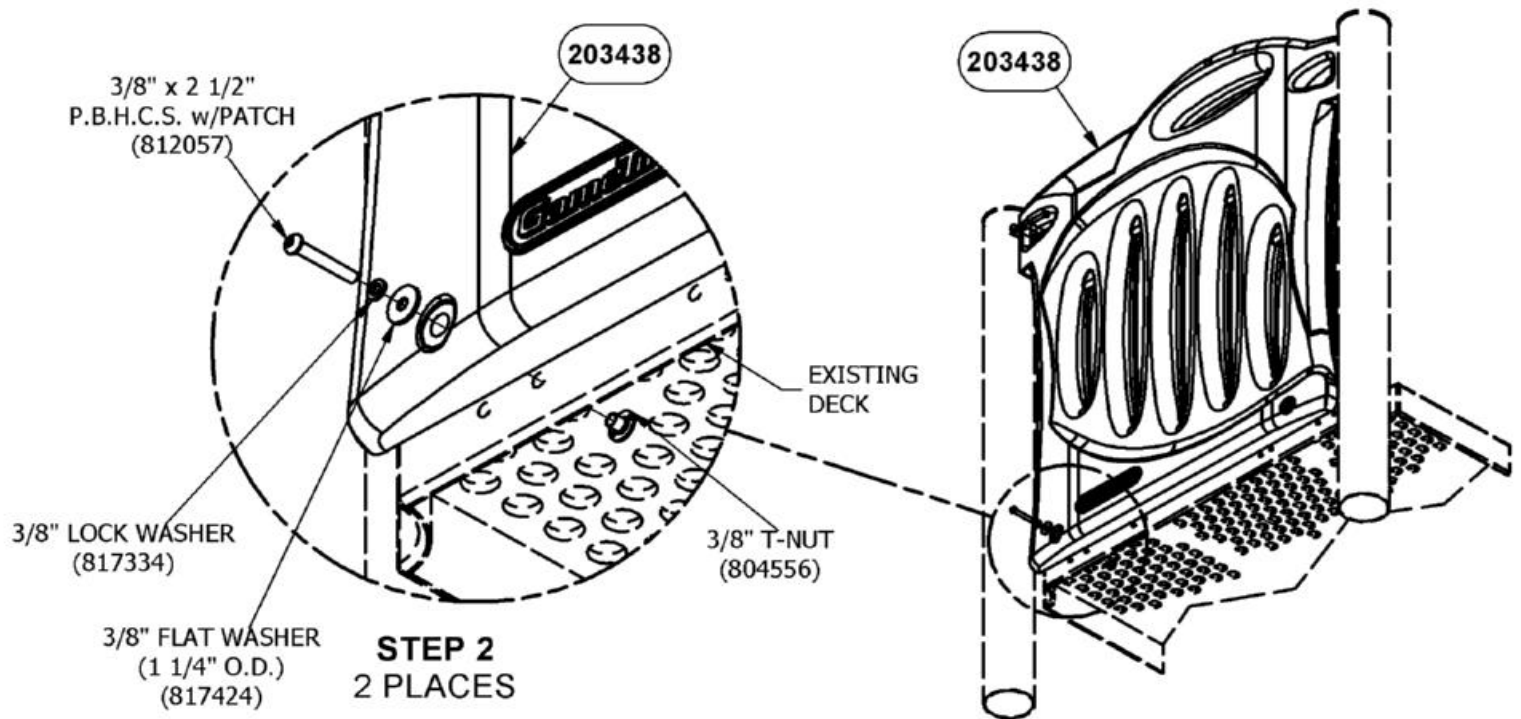
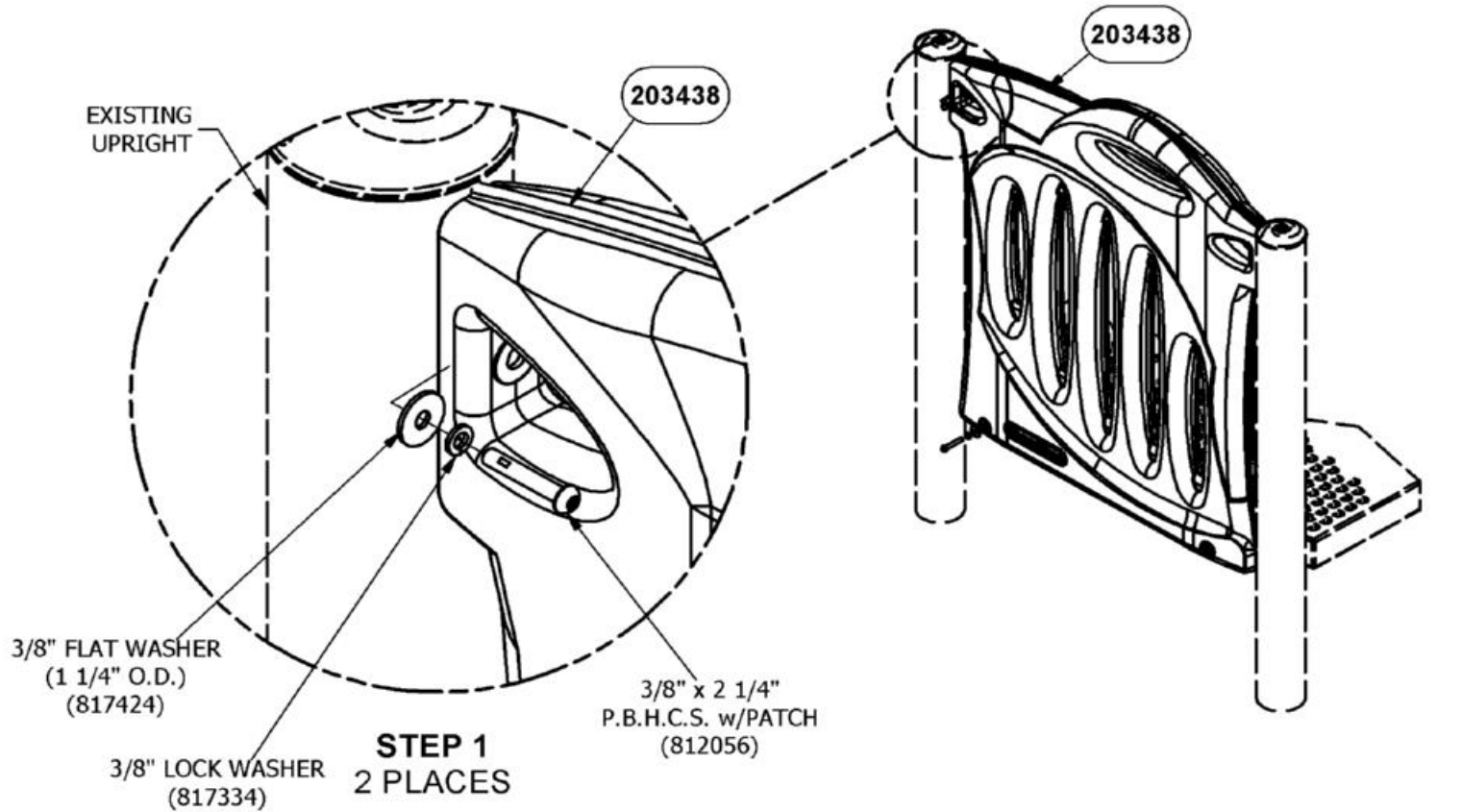
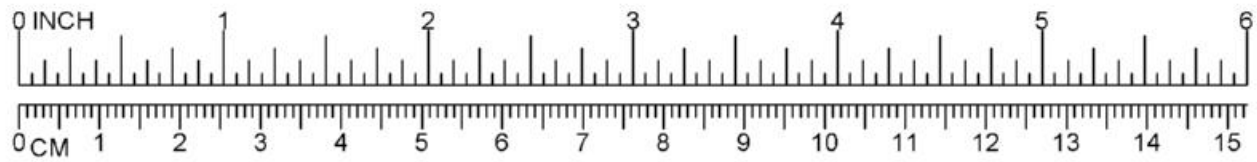


ASSEMBLY VIEW

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**





DETAIL VIEW

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

Parts List		
DESCRIPTION	QTY	PART NUMBER
DECORATIVE PANEL	1	203438
HARDWARE COMPLETE	1	203588
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	2	812056*
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	2	812057*
3/8" FLAT WASHER (1 1/4" O.D.)	4	817424*
3/8" LOCK WASHER	4	817334*
3/8" T-NUT	2	804556*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

PowerScape®



A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 11/19/20

90354 COUNTER PANEL

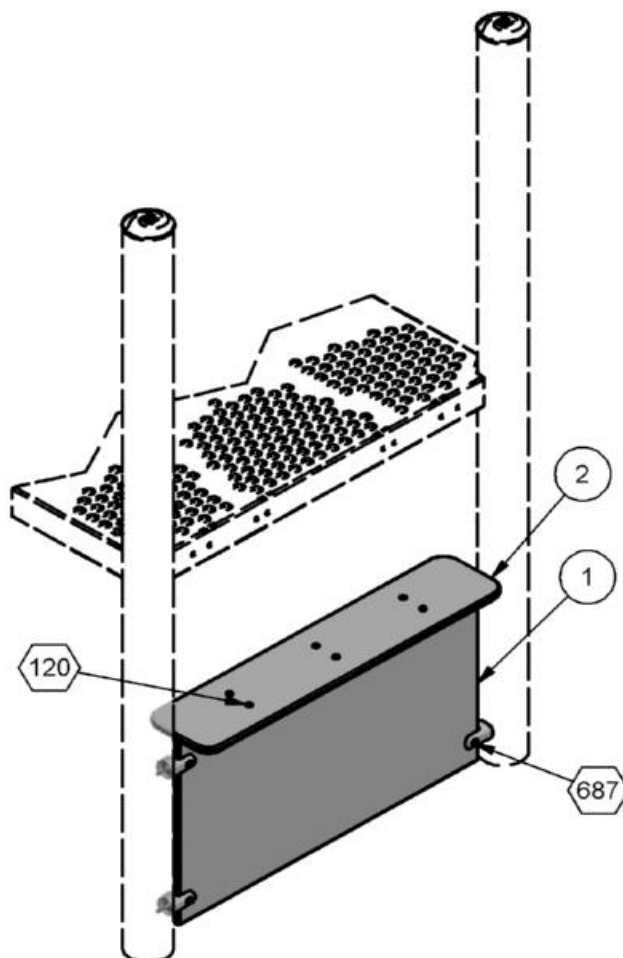
- ⬡ = INSTALLATION
DETAIL
- = PARTS LIST
REFERENCE



4'-0" TO 5'-0"
DECK HEIGHTS



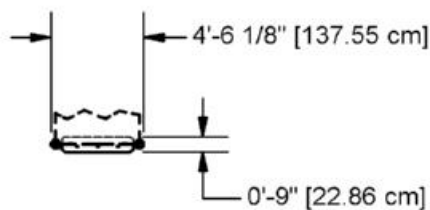
4'-0" TO 8'-0"
DECK HEIGHTS



ASSEMBLY DRAWING

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



TOP VIEW

Parts List			
REF.	DESCRIPTION	90354	PART NUMBER
1	ENCLOSURE	1	203905
2	SEAT	1	203906
	TRU-LOC PANEL ATTACHMENT	4	G03861
	L-BRACKET	6	200205
	HARDWARE COMPLETE	1	203907
	3/8" x 1" P.B.H.C.S. w/PATCH	4	812050*
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	6	812051*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	3	812053*
	3/8" x 1 3/4" HEX HEAD BOLT	4	801006*
	3/8" LOCK WASHER	17	817334*
	3/8" HEX NUT	9	804053*
	3/8" T-NUT	4	804556*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

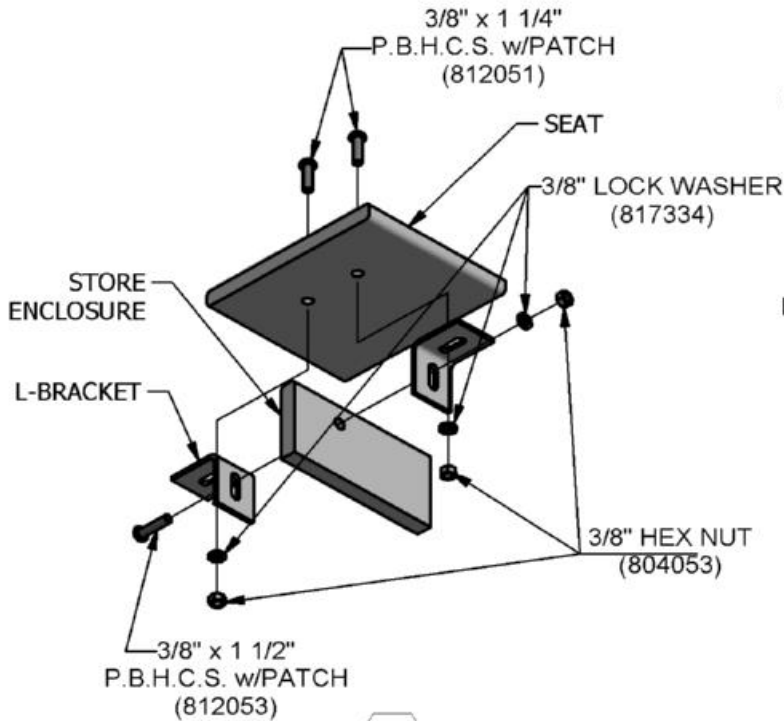
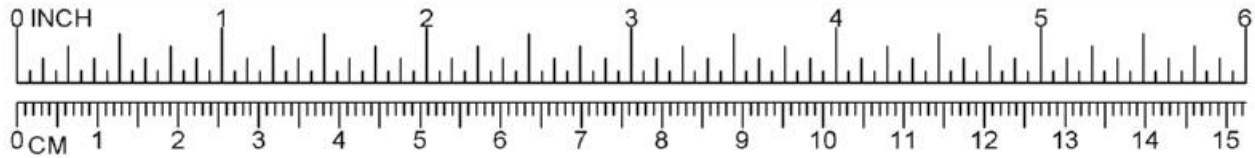
DETAILS -for- 90354

IMPORTANT

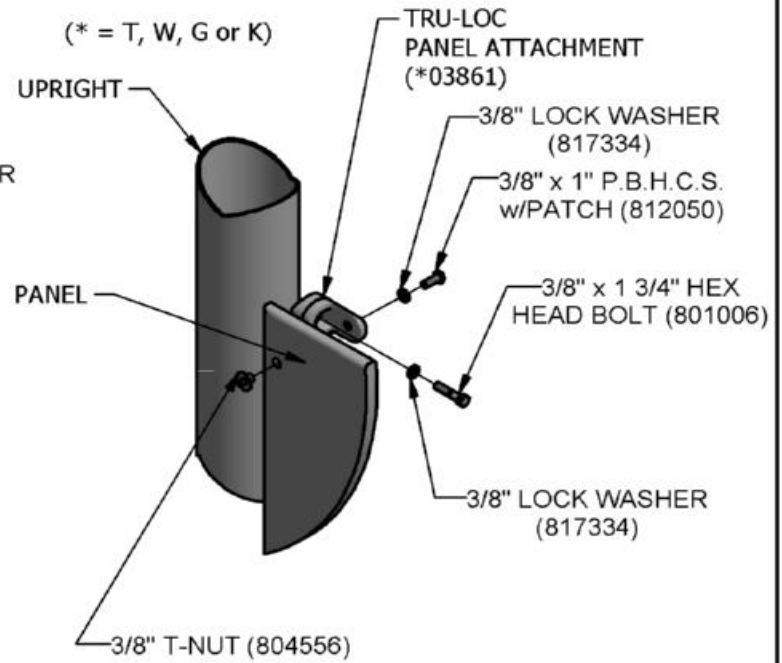
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



120



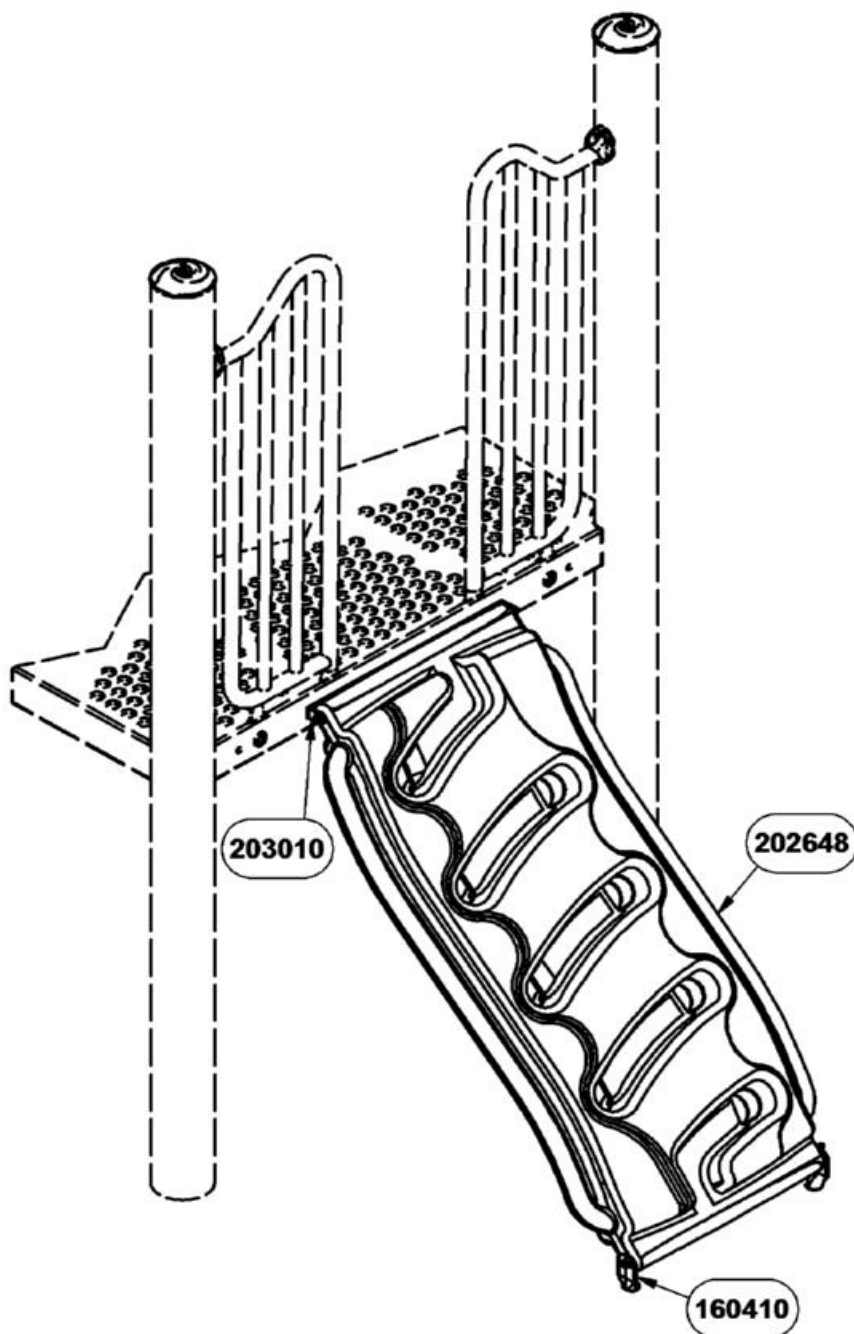
687

*NOTE: HEX BOLT SHOULD BE TORQUED FROM 20-25 FT. LBS. FOR PROPER INSTALLATION.

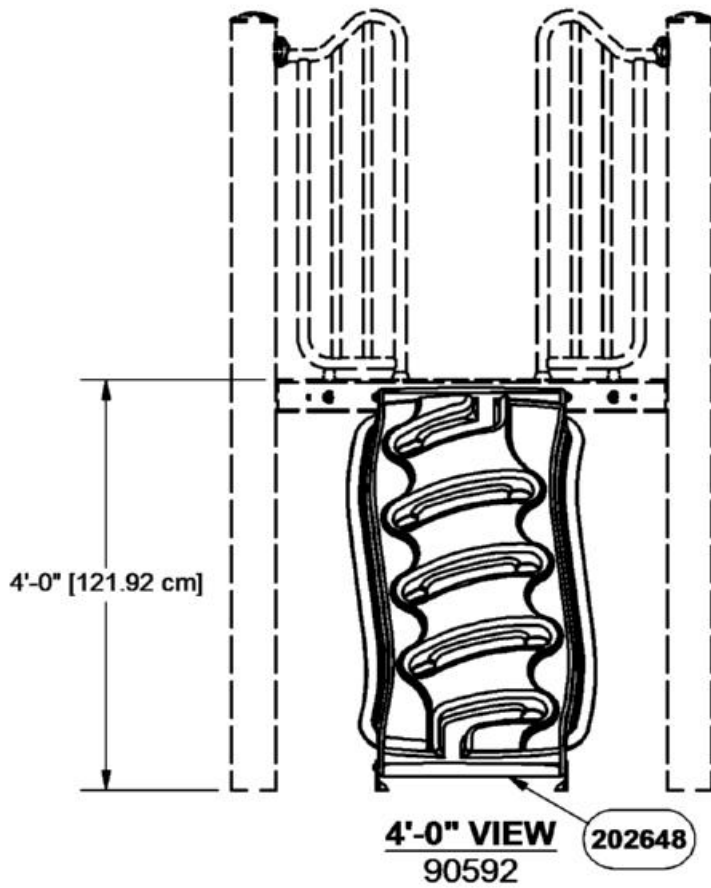
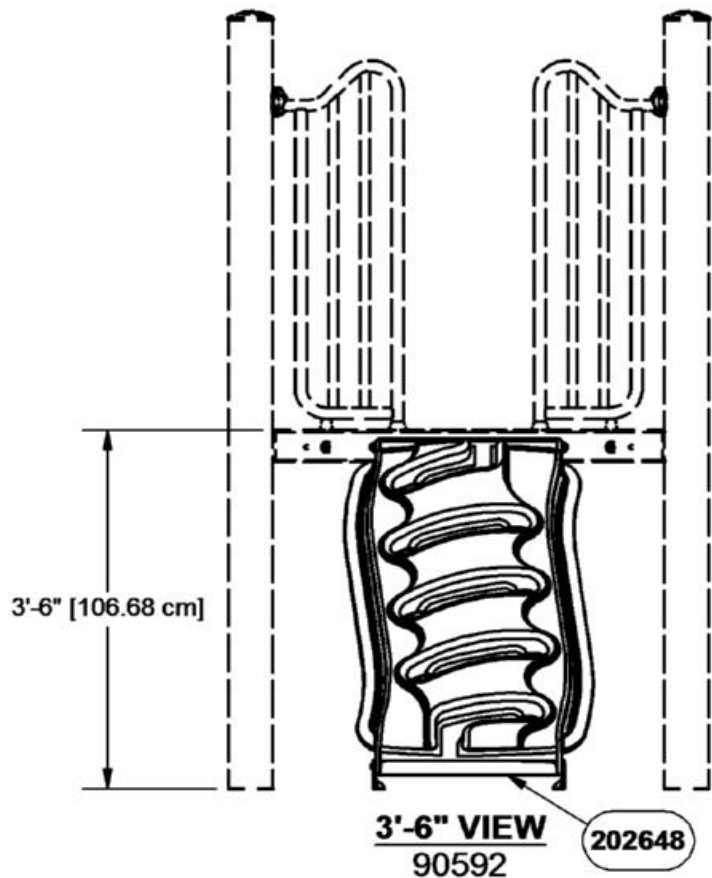
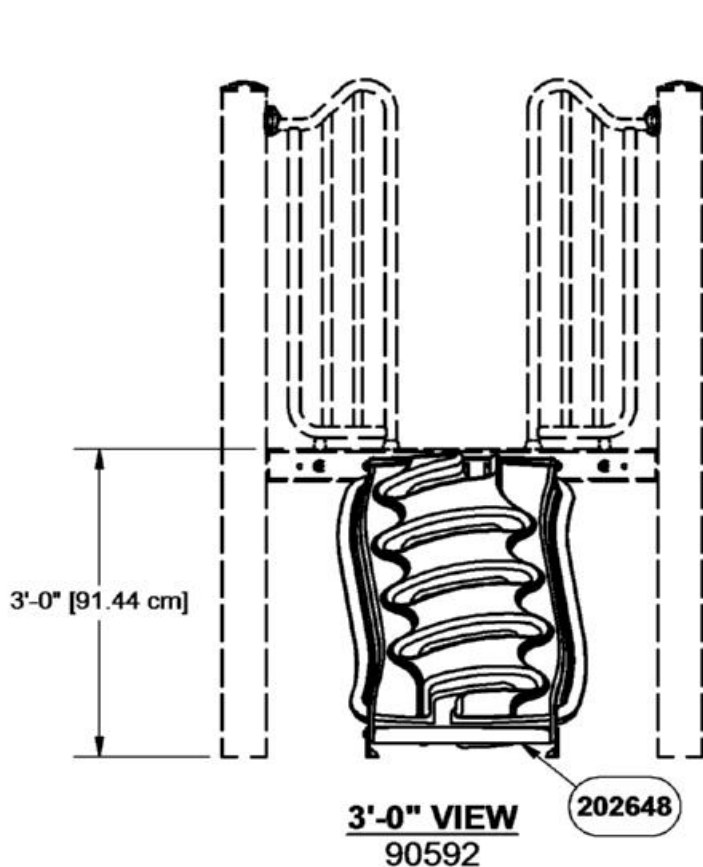


INSTALLATION INSTRUCTIONS

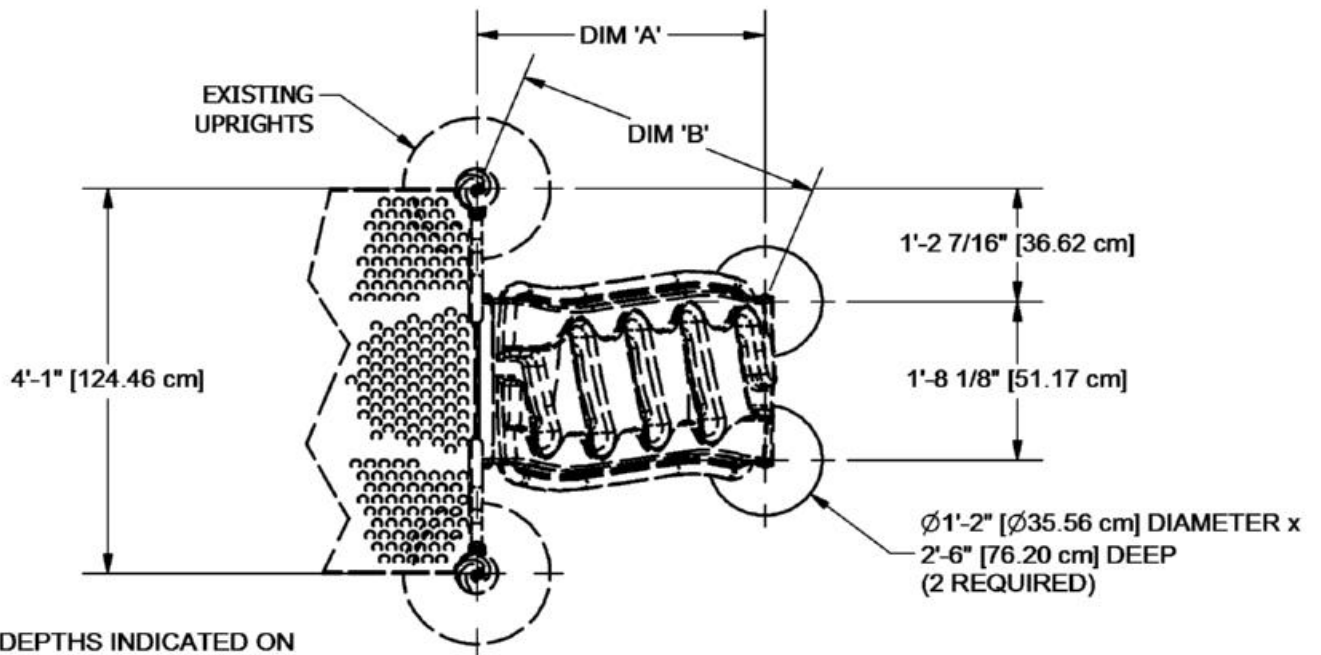
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



ASSEMBLY DRAWING



**DECK HIEGHT
ELEVATIONS**

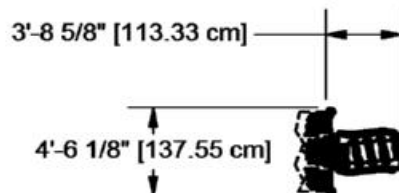


PLAN VIEW

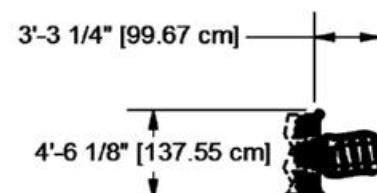
CONCRETE REQUIRED
.12 CUBIC YARDS
[.09 CUBIC METERS]

NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE

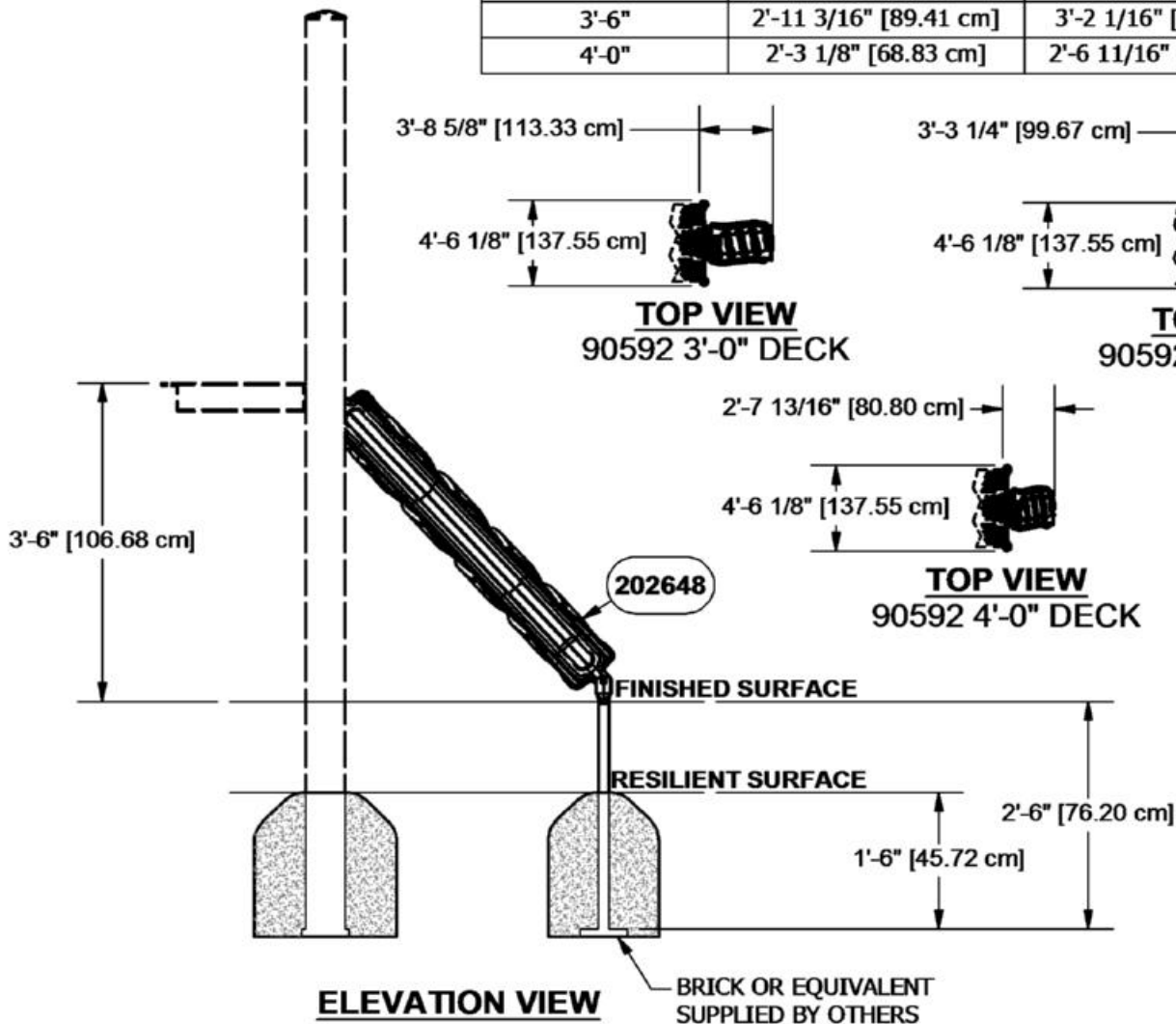
Table		
DECK HEIGHTS	DIMENSIONS 'A'	DIMENSIONS 'B'
3'-0"	3'-4 13/16" [103.66 cm]	3'-7 5/16" [109.94 cm]
3'-6"	2'-11 3/16" [89.41 cm]	3'-2 1/16" [96.63 cm]
4'-0"	2'-3 1/8" [68.83 cm]	2'-6 11/16" [77.99 cm]



TOP VIEW
90592 3'-0" DECK

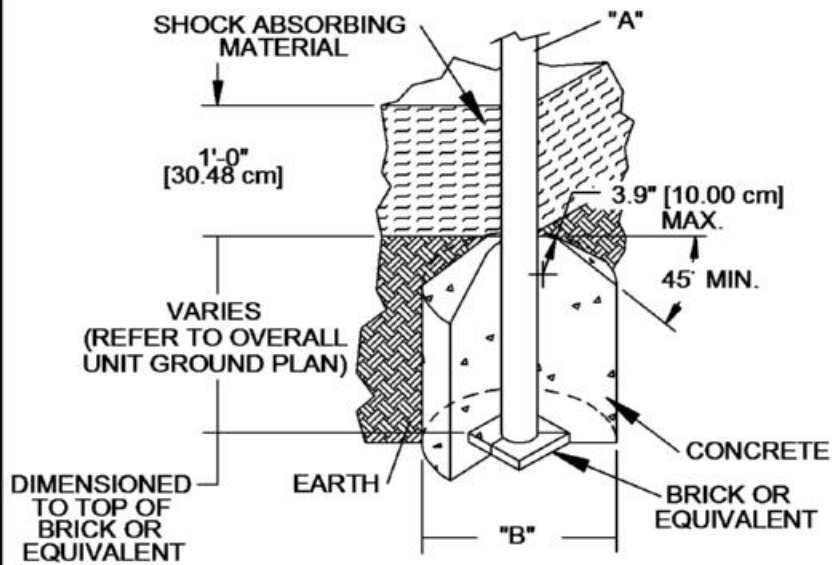


TOP VIEW
90592 3'-6" DECK



ELEVATION VIEW

BRICK OR EQUIVALENT
SUPPLIED BY OTHERS

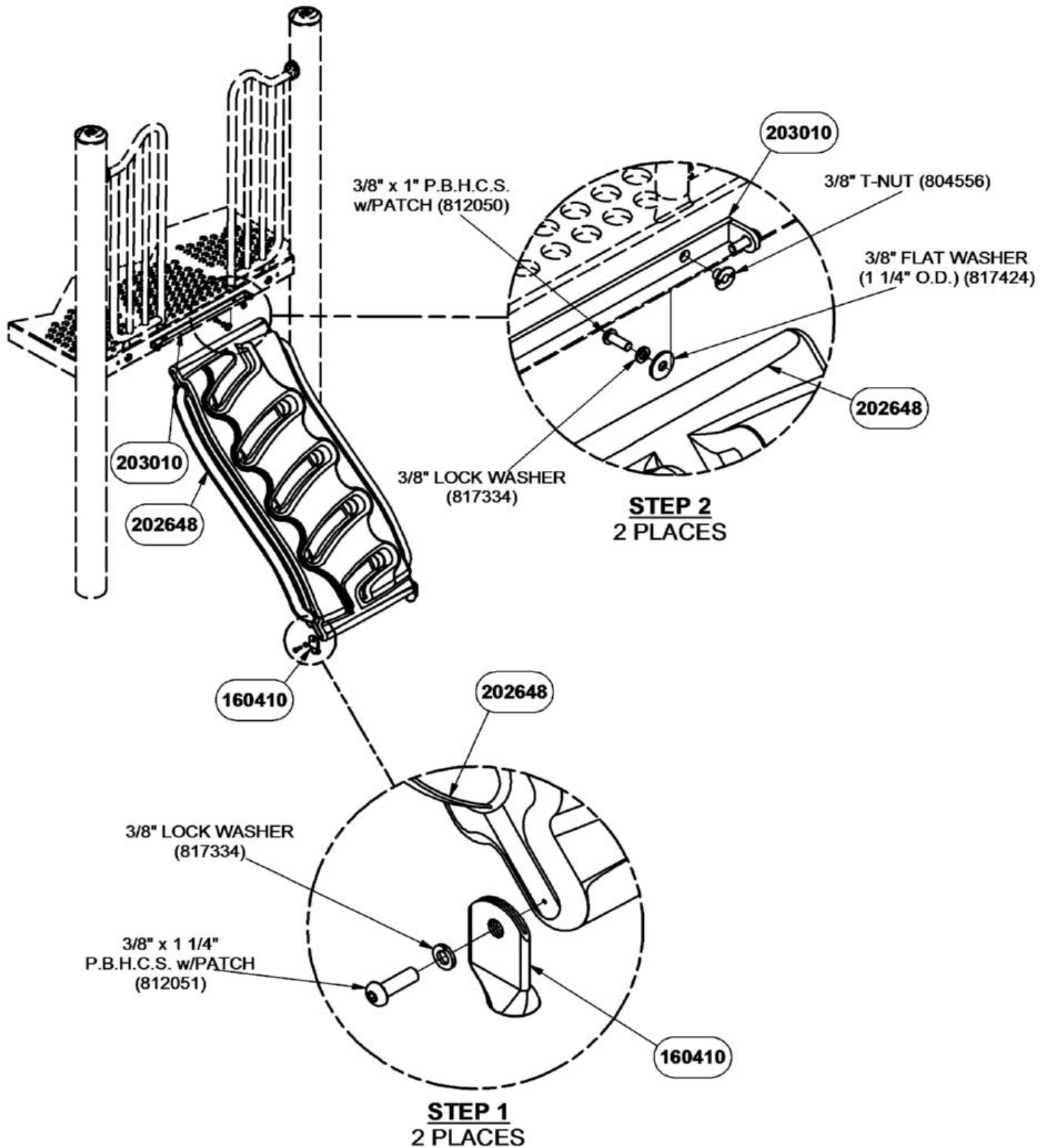
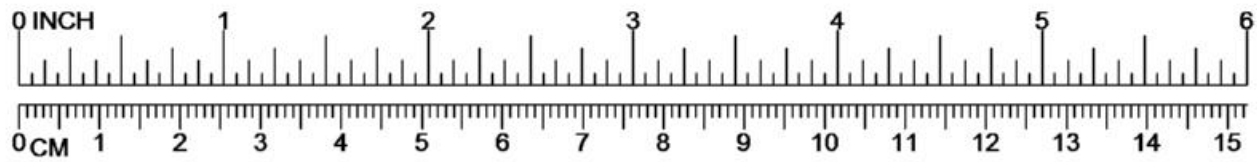


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS	
5" [12.70 cm]	2'-0" [60.96 cm]
TREE SCAPE	
5" [12.70 cm]	4'-0" [121.92 cm]

NOTES:
 -SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
 -SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

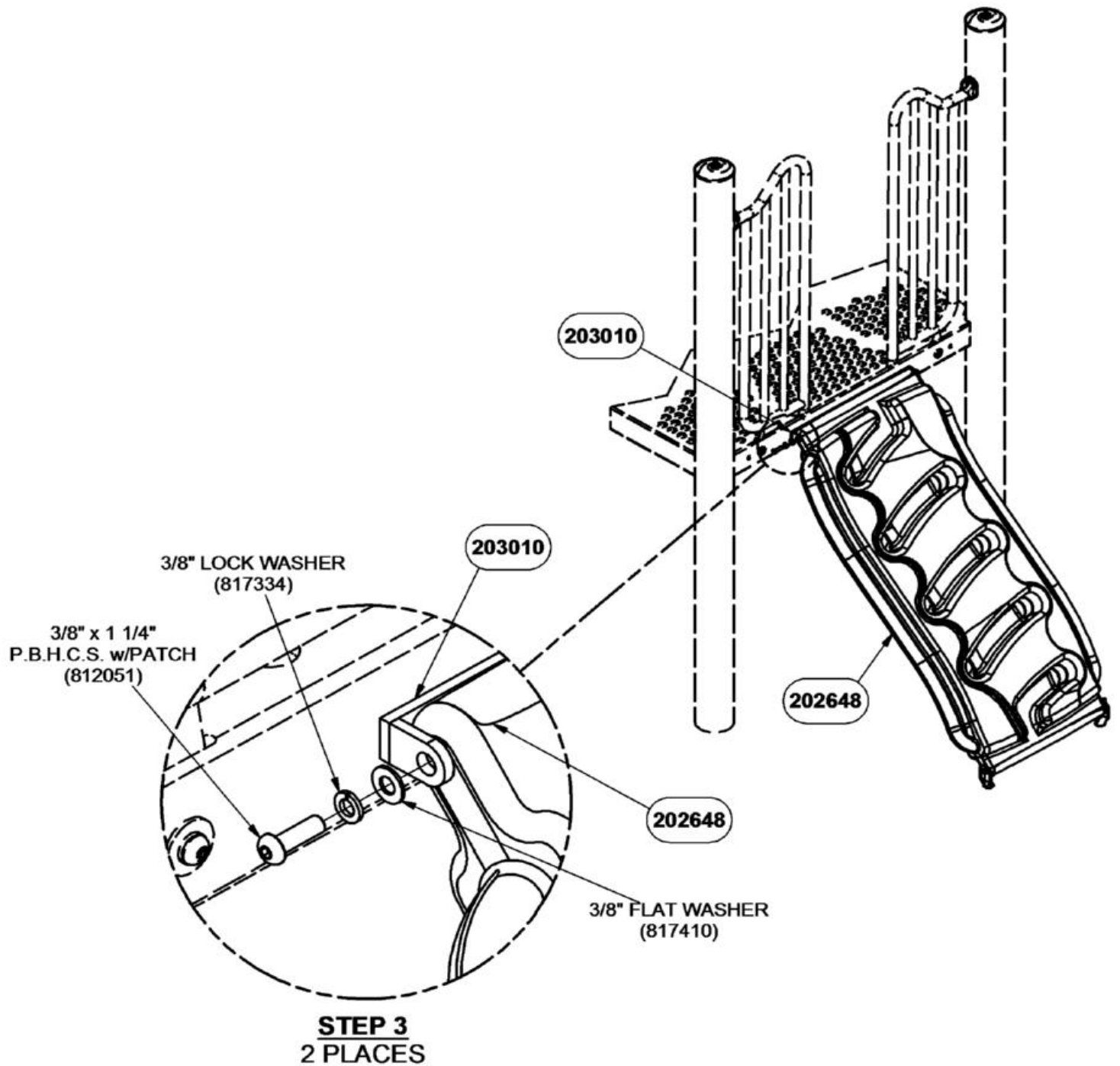
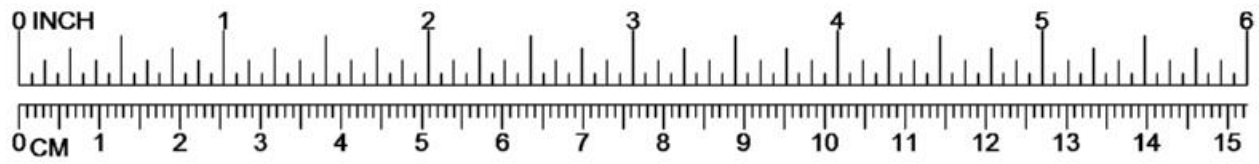
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

FOOTING DETAIL



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
RIDGE CLIMBER	1	202648
MOUNTING BRACKET WELD ASS'Y	1	203010
SMASHED FOOTBUCK	2	160410
HARDWARE COMPLETE	1	204698
3/8" x 1" P.B.H.C.S. w/PATCH	2	812050*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	4	812051*
3/8" FLAT WASHER	2	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
3/8" LOCK WASHER	6	817334*
3/8" T-NUT	2	804556*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

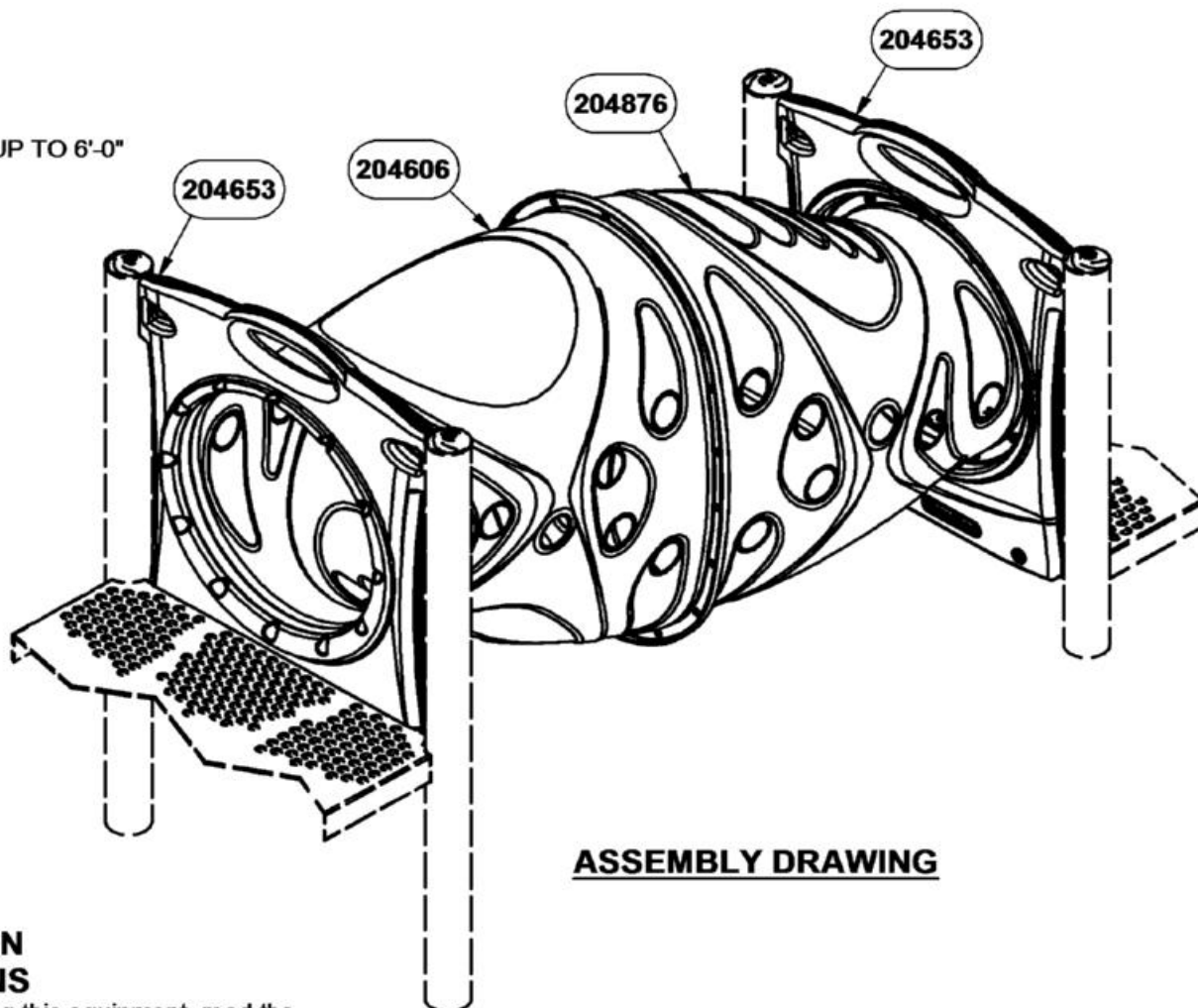
CRAWL-IN DOUBLE FUN-L UP



UP TO 5'-0"



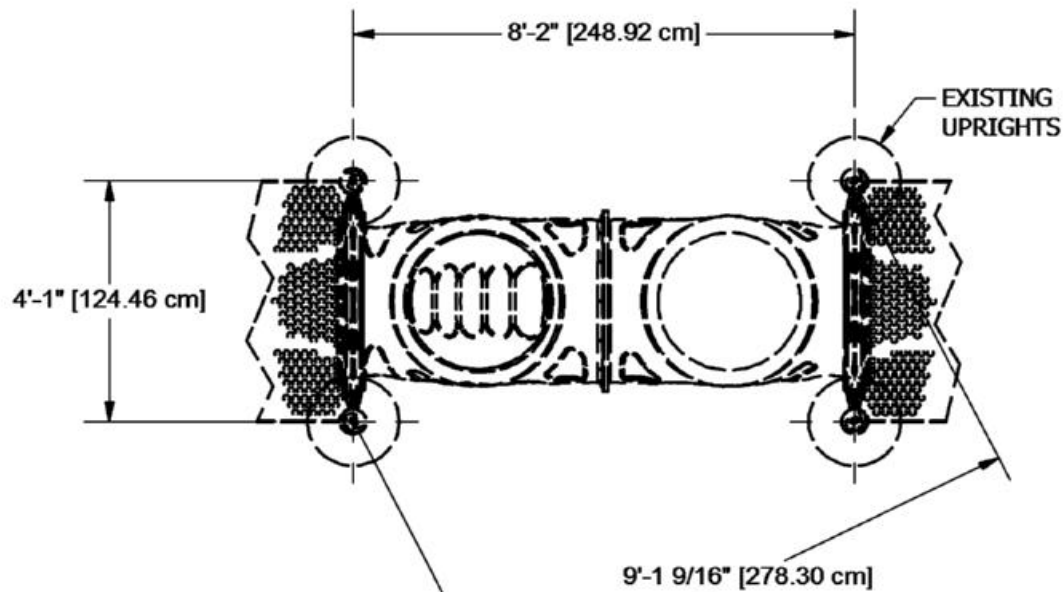
UP TO 6'-0"



ASSEMBLY DRAWING

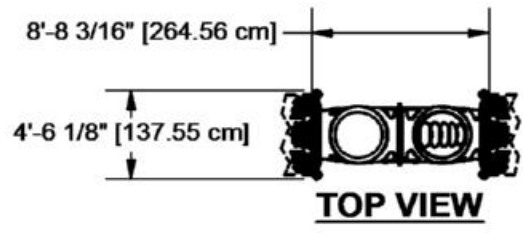
INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed **INSTALLER INSTRUCTIONS** in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the **ASSEMBLY DRAWING**. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

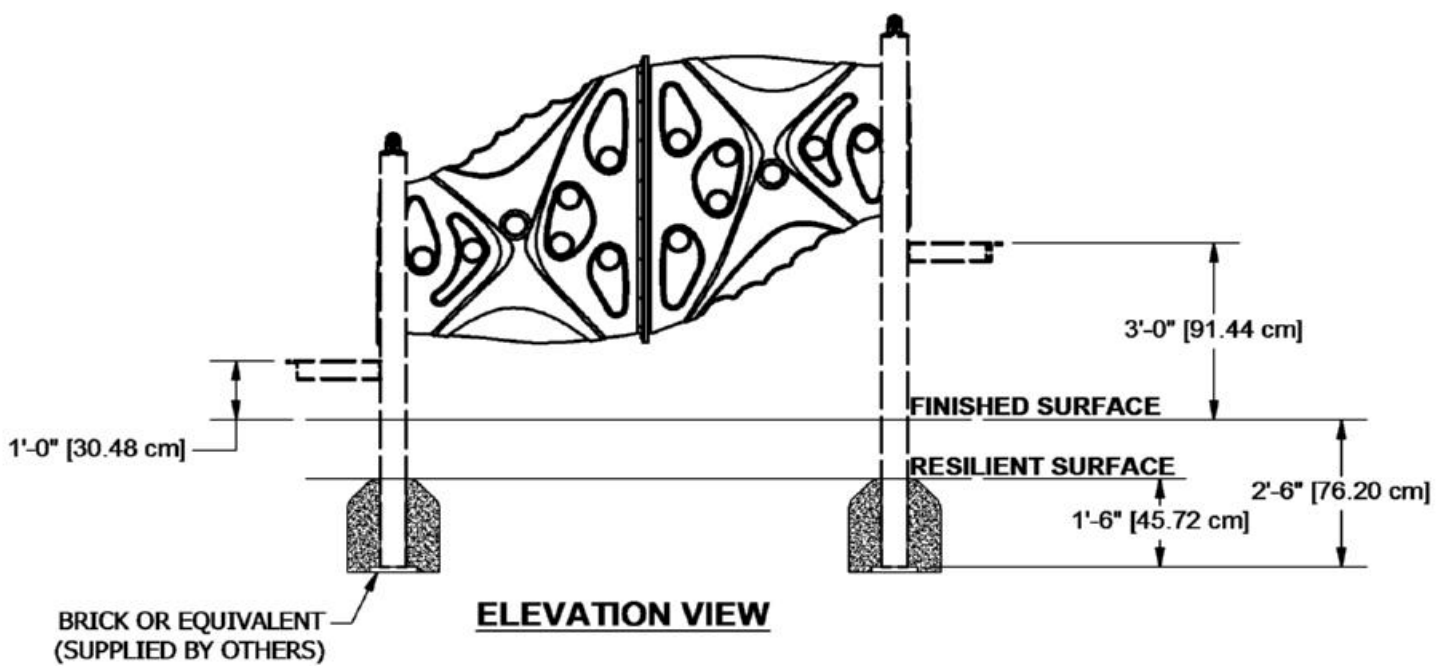


NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

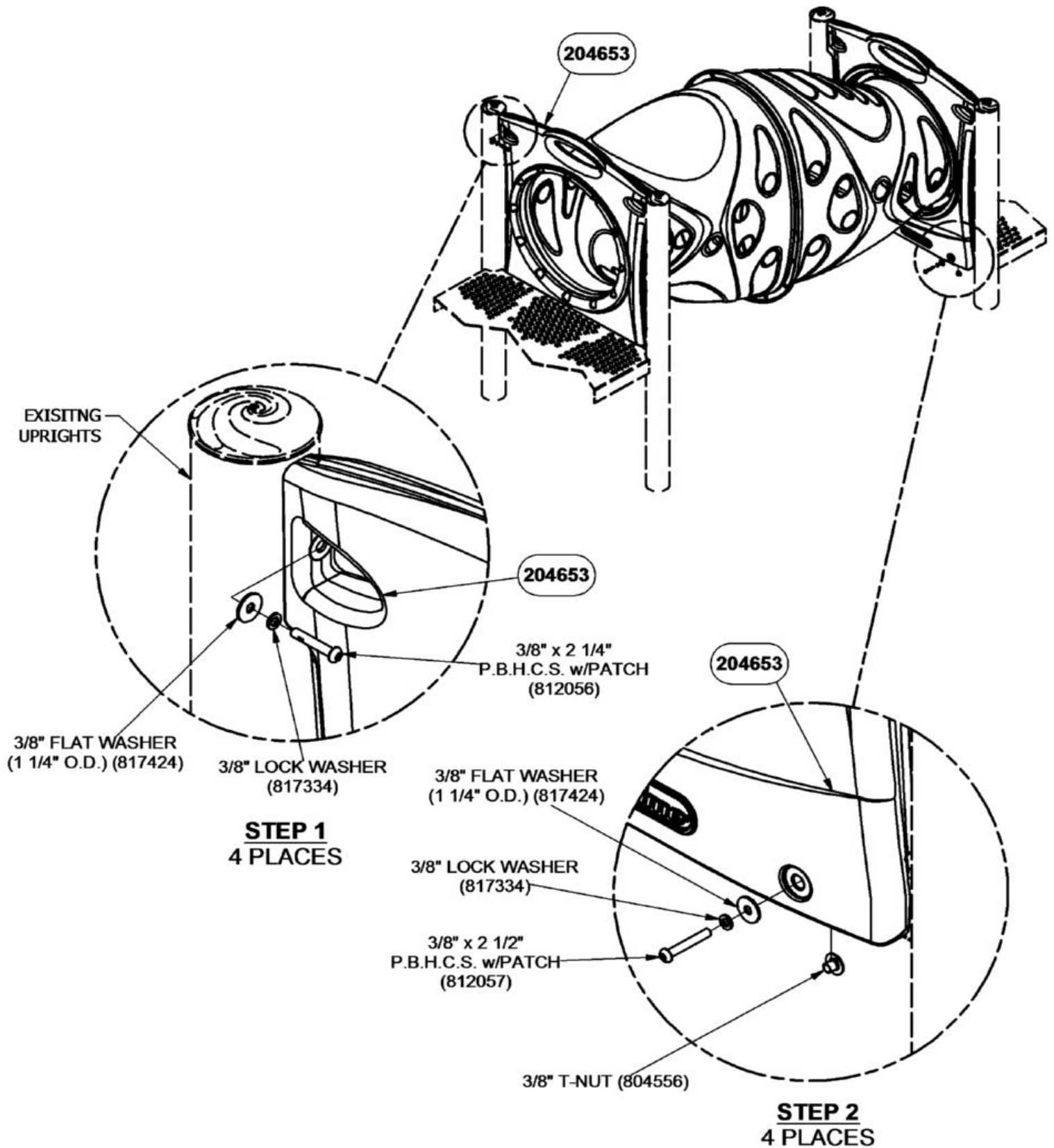
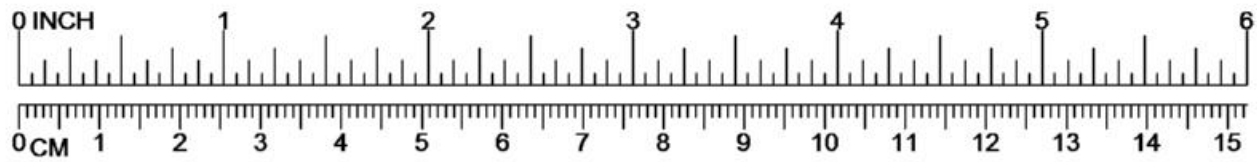
PLAN VIEW



TOP VIEW



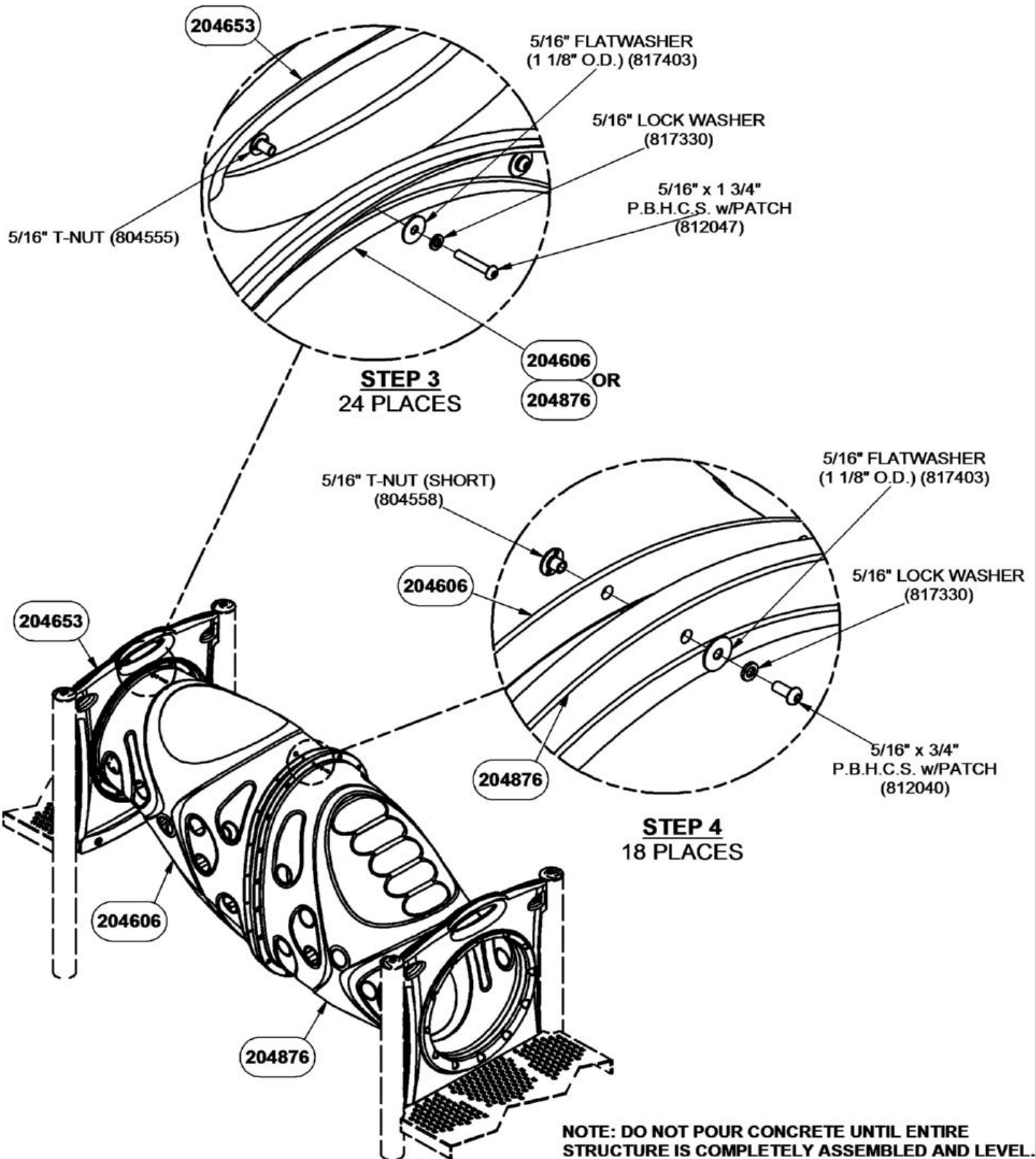
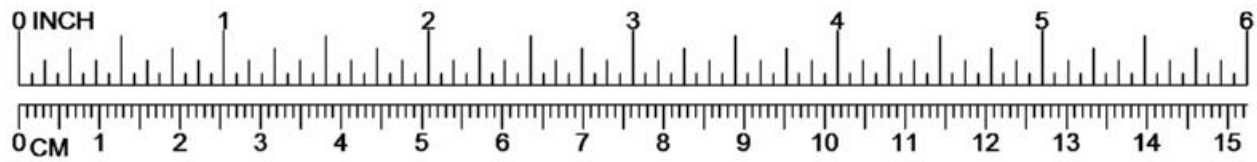
ELEVATION VIEW



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

PAGE 3



DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
SHORT CRAWL TUBE PANEL	2	204653
FUN-L CRAWL TUBE	1	204606
FUN-L CRAWL TUBE LARGE SIDE WITH LIP	1	204876
HARDWARE COMPLETE	1	204886
5/16" x 3/4" P.B.H.C.S. w/PATCH	18	812040*
5/16" x 1 3/4" P.B.H.C.S. w/PATCH	24	812047*
5/16" FLATWASHER (1 1/8" O.D.)	42	817403*
5/16" LOCK WASHER	42	817330*
5/16" T-NUT	24	804555*
5/16" T-NUT (SHORT)	18	804555*
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	4	812056*
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	4	812057*
3/8" FLAT WASHER (1 1/4" O.D.)	8	817424*
3/8" LOCK WASHER	8	817334*
3/8" T-NUT	4	804556*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

PowerScape



A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 1/27/2022

90631

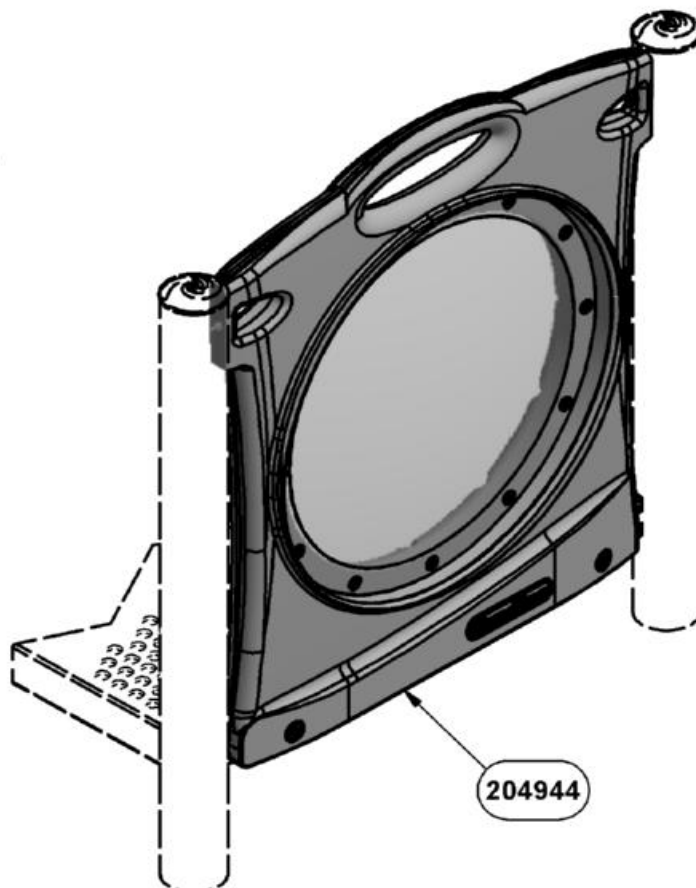
BUBBLE PANEL



UP TO 5'-0"



UP TO 9'-0"

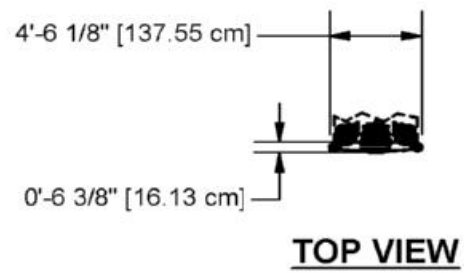
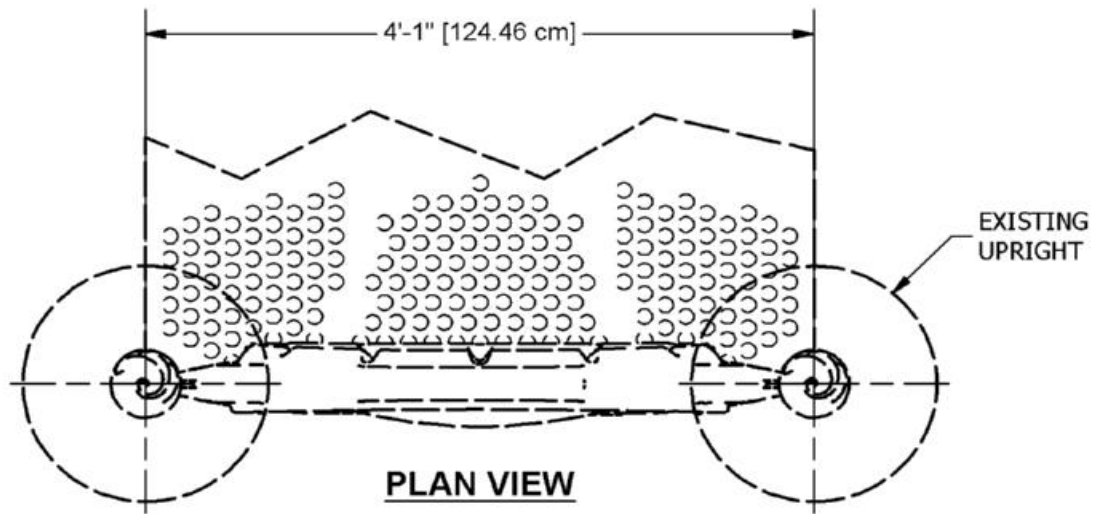


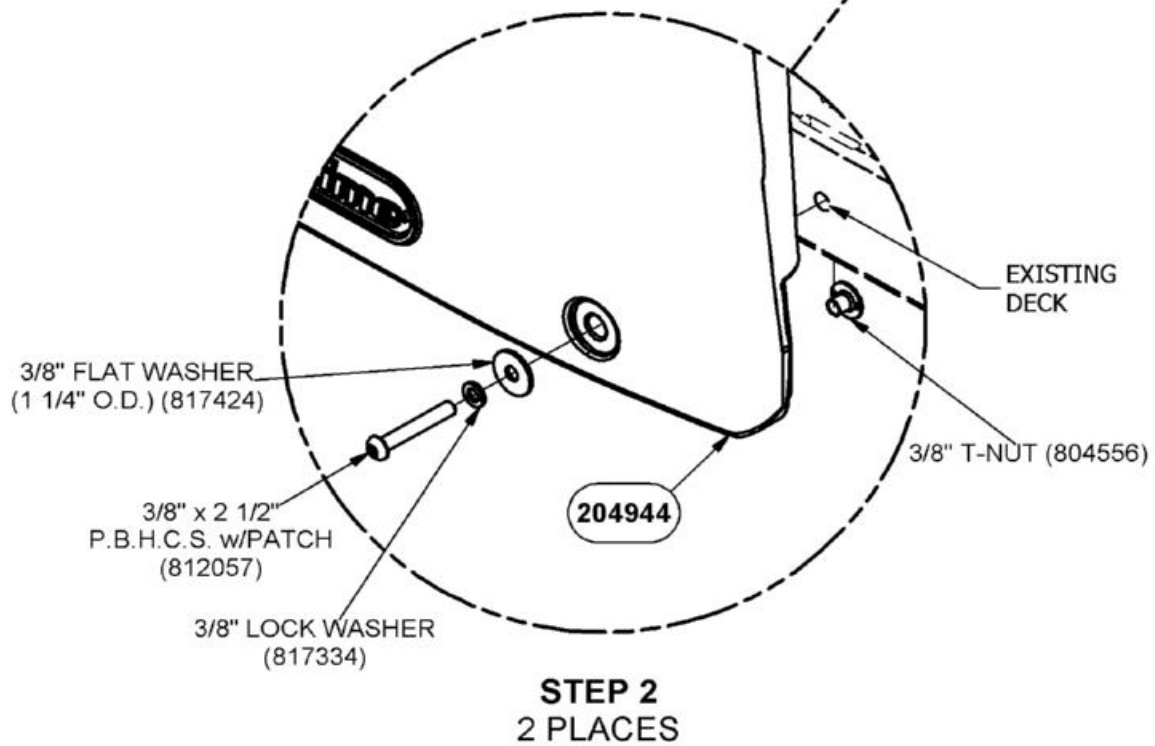
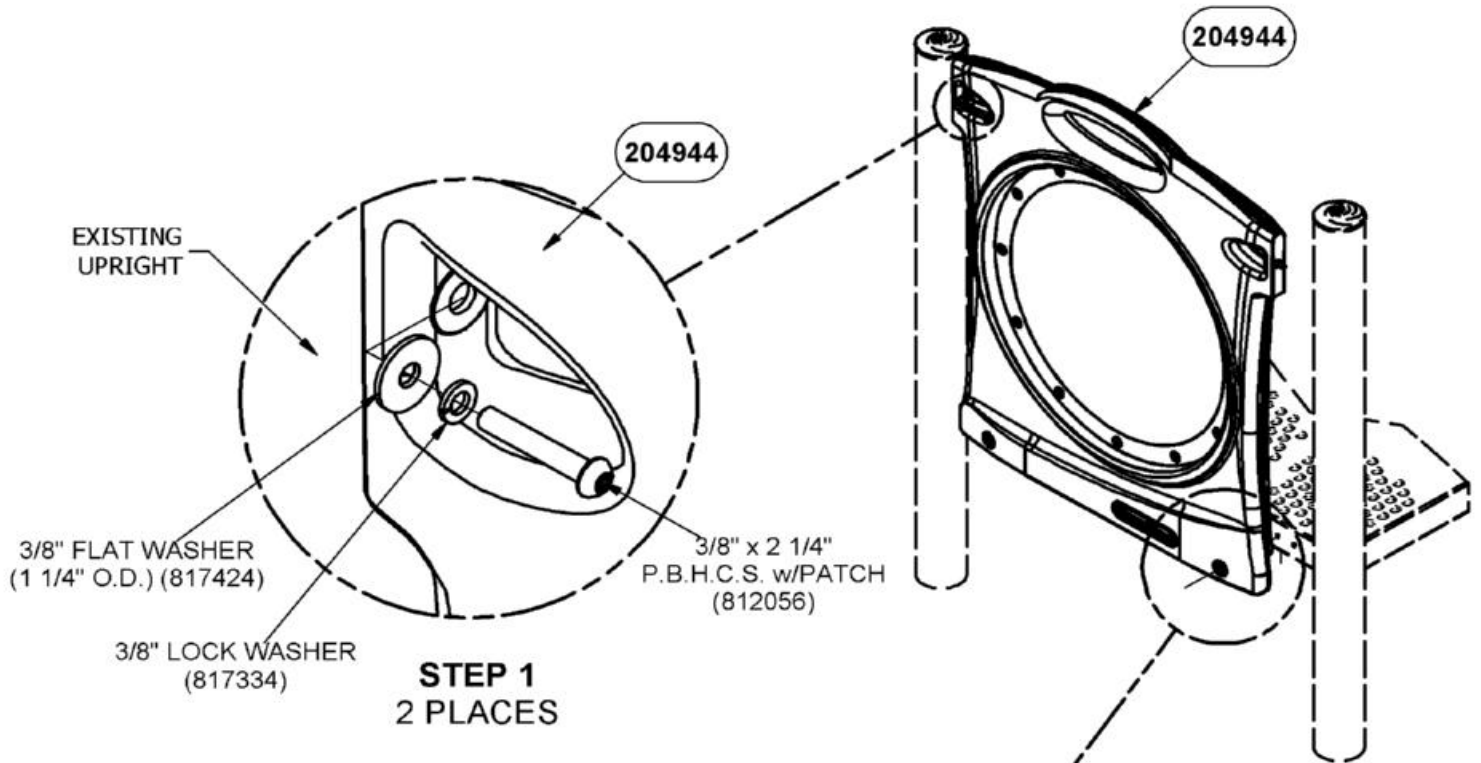
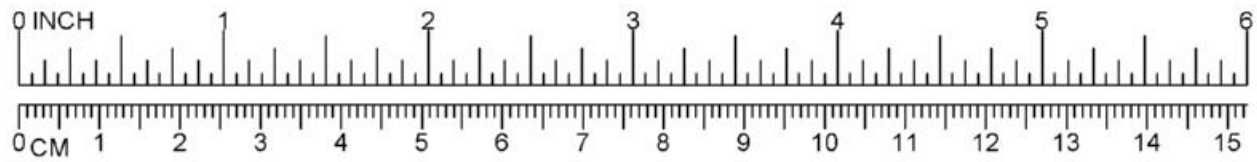
204944

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

ASSEMBLY VIEW





NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
30" BUBBLE PANEL ASSEMBLY	1	204944
HARDWARE COMPLETE	1	204964
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	2	812056*
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	2	812057*
3/8" FLAT WASHER (1 1/4" O.D.)	4	817424*
3/8" LOCK WASHER	4	817334*
3/8" T-NUT	2	804556*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

PowerScape


GameTime®

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 9/7/2022

90700 WILDER SLIDE II

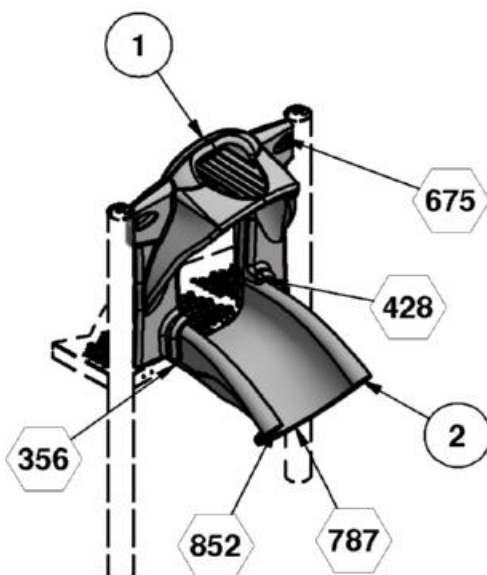
-  = INSTALLATION
DETAIL
 = PARTS LIST
REFERENCE



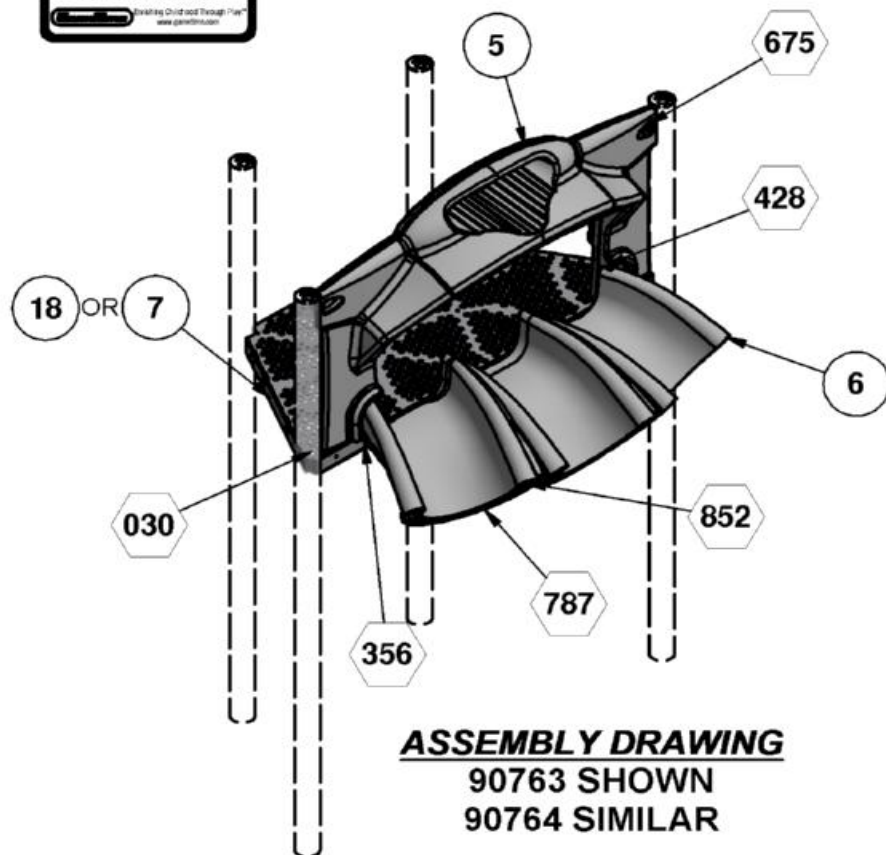
UP TO 5'-0"



UP TO 8'-0"

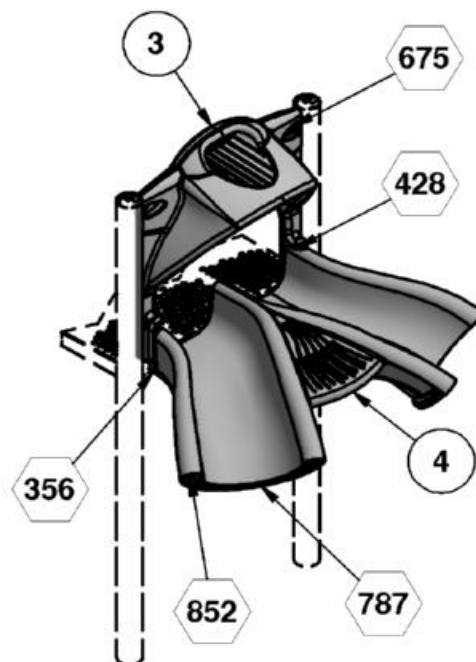


ASSEMBLY DRAWING
90700 SHOWN

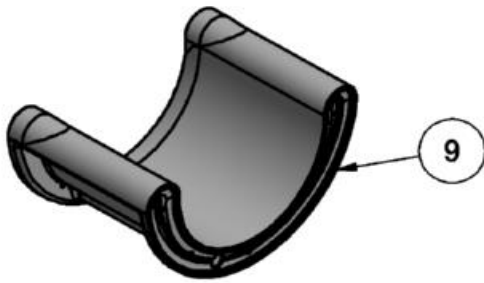


ASSEMBLY DRAWING
90763 SHOWN
90764 SIMILAR

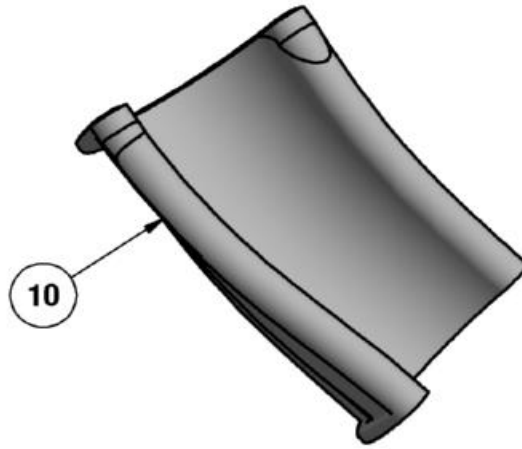
SINGLE ENTRANCE	90700
DOUBLE ENTRANCE	90701
TRIPLE ENTRANCE	90763
STRAIGHT	90703
CURVE LEFT	90704
CURVE RIGHT	90705
EXIT	90706
140° HELIX SPIRAL	90707
HELIX SPIRAL	90708
SLIDE SUPPORT	90709
SLIDE SUPPORT	90710
SLIDE SUPPORT	90718
LONG EXIT	90762
TRIPLE ENTRANCE ADA	90764
DOUBLE STRAIGHT	90729
OUTRIGGER	90776



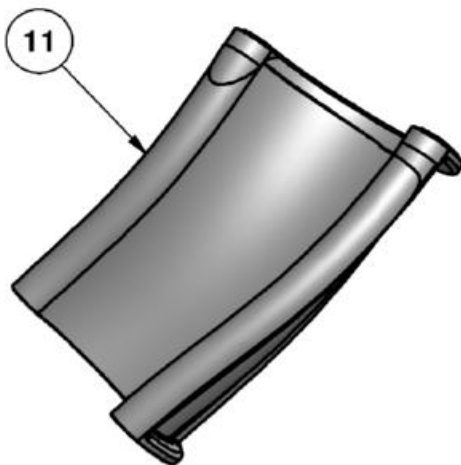
ASSEMBLY DRAWING
90701 SHOWN



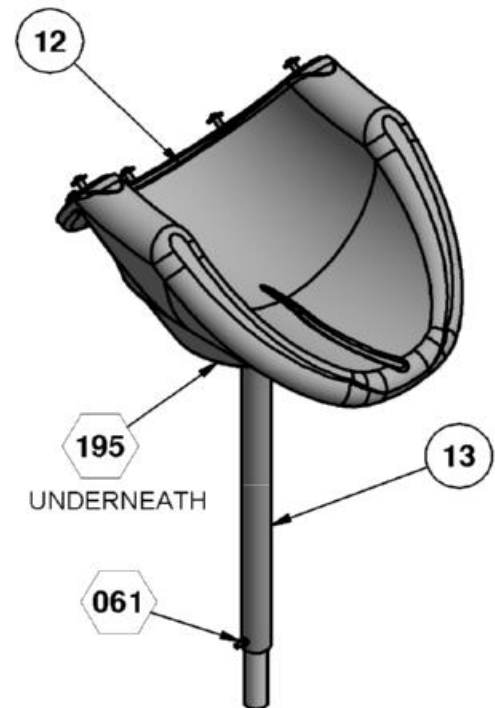
ASSEMBLY DRAWING
90703 SHOWN



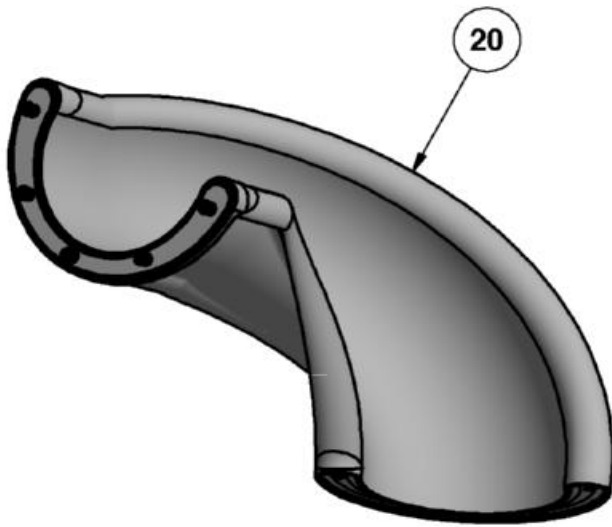
ASSEMBLY DRAWING
90704 SHOWN



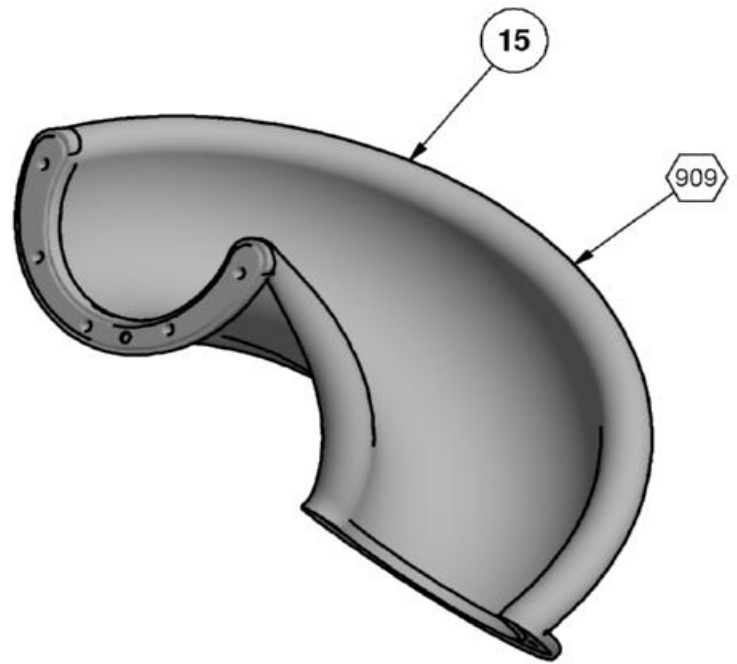
ASSEMBLY DRAWING
90705 SHOWN



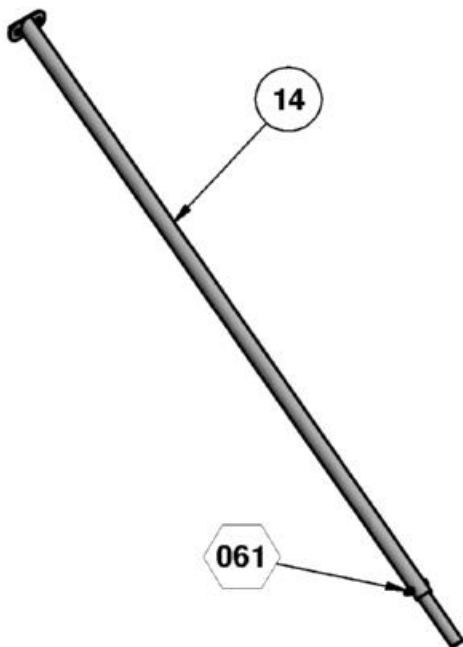
ASSEMBLY DRAWING
90706 SHOWN



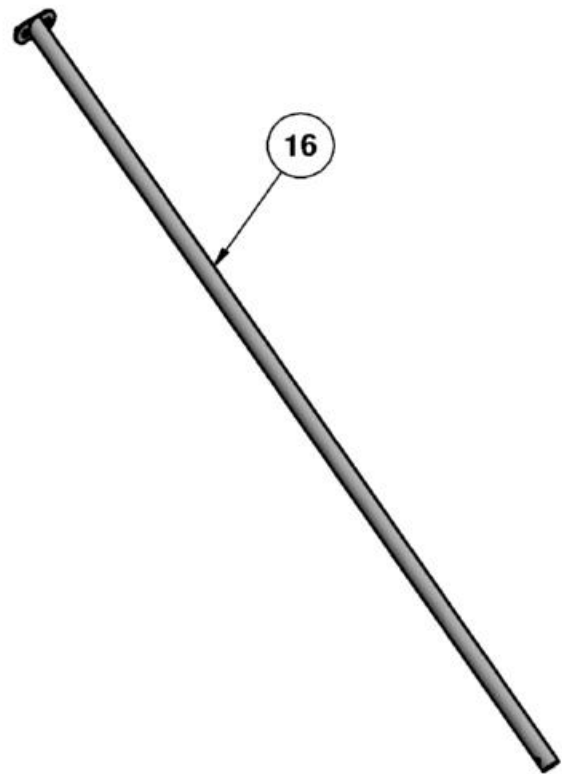
ASSEMBLY DRAWING
90707 SHOWN



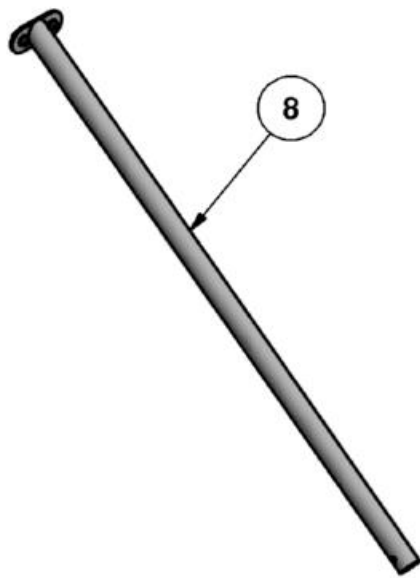
ASSEMBLY DRAWING
90708 SHOWN



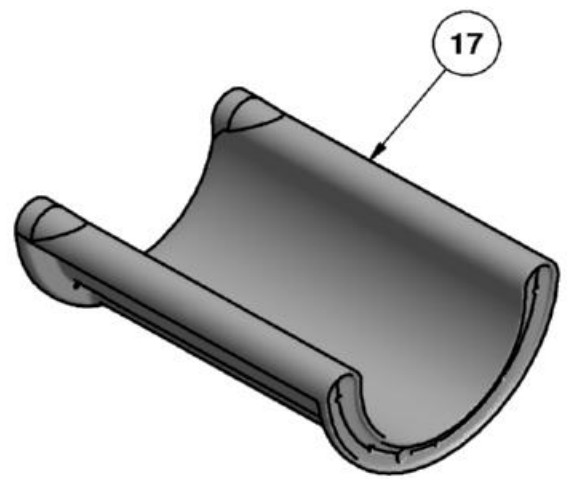
ASSEMBLY DRAWING
90709 SHOWN



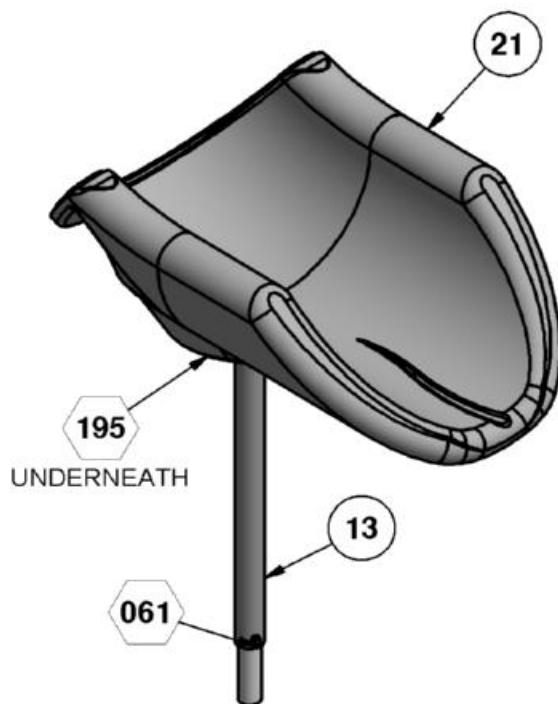
ASSEMBLY DRAWING
90710 SHOWN



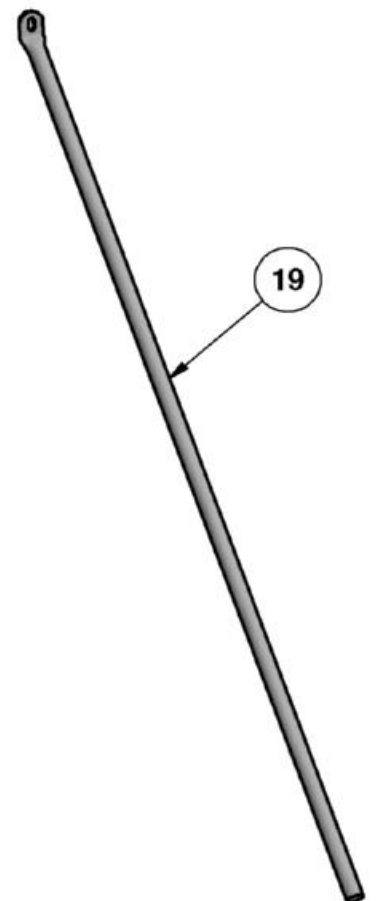
ASSEMBLY DRAWING
90718 SHOWN



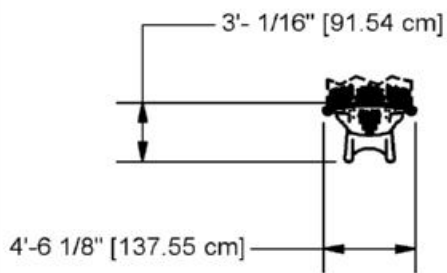
ASSEMBLY DRAWING
90729 SHOWN



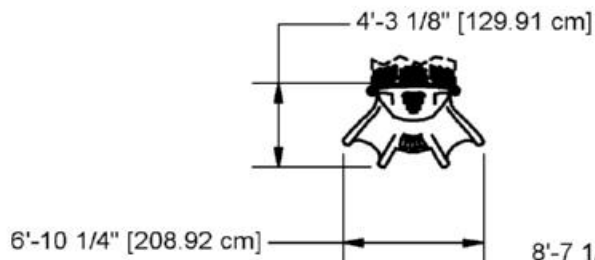
ASSEMBLY DRAWING
90762 SHOWN



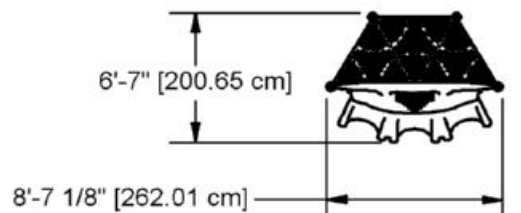
ASSEMBLY DRAWING
90776 SHOWN



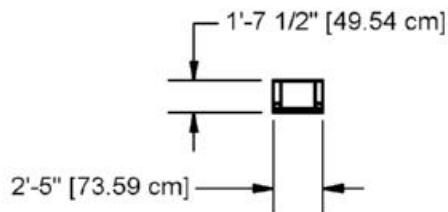
90700



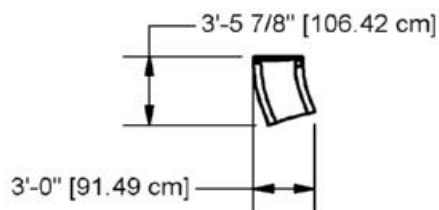
90701



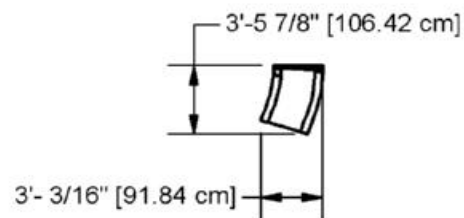
90763 / 90764



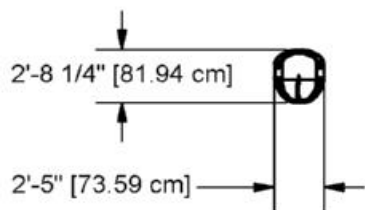
90703



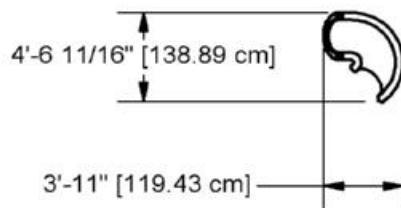
90704



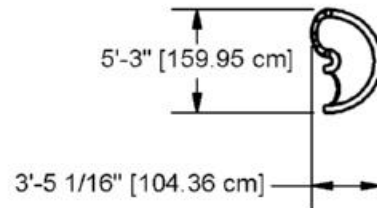
90705



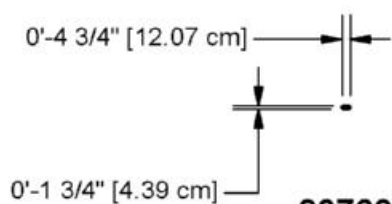
90706



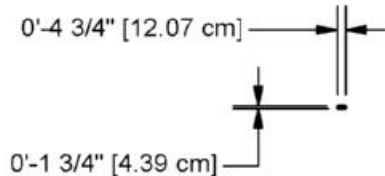
90707



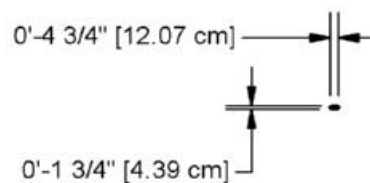
90708



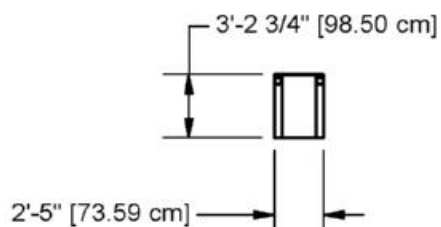
90709



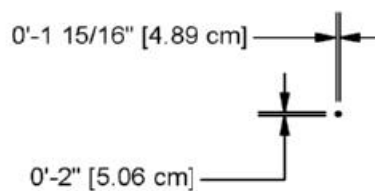
90710



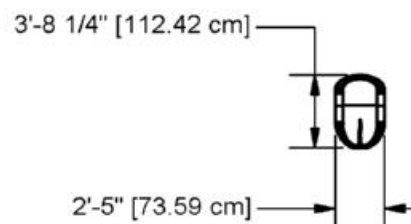
90718



90729



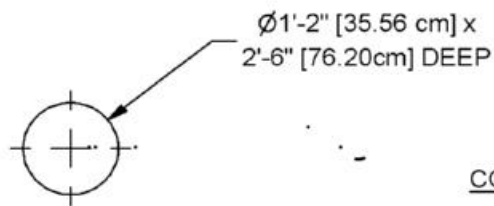
90776



90762

TOP VIEWS

NOTE: HOLE DEPTHS
INDICATED ON ALL GROUND
PLANS ARE MEASURED FROM
THE FINISHED SURFACE. SEE
DETAIL 032. ALL FOOTING
DIMENSIONS ARE BASED ON
A LEVEL FINISHED SURFACE

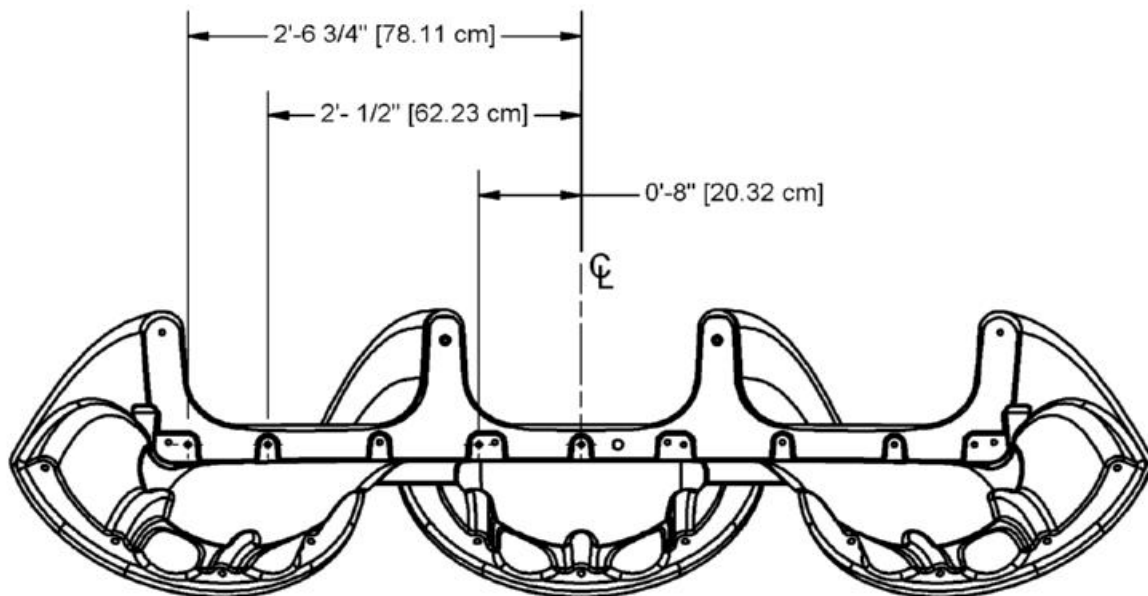


CONCRETE REQUIRED:
.06 CUBIC YARDS
[.05 CUBIC METERS]

PER GROUND HOLE
(DETERMINED BY CONFIGURATION)

NOTE:
NUMBER OF GROUND HOLES REQUIRED
WILL BE DETERMINED BY SLIDE CONFIGURATION.

GROUND PLAN

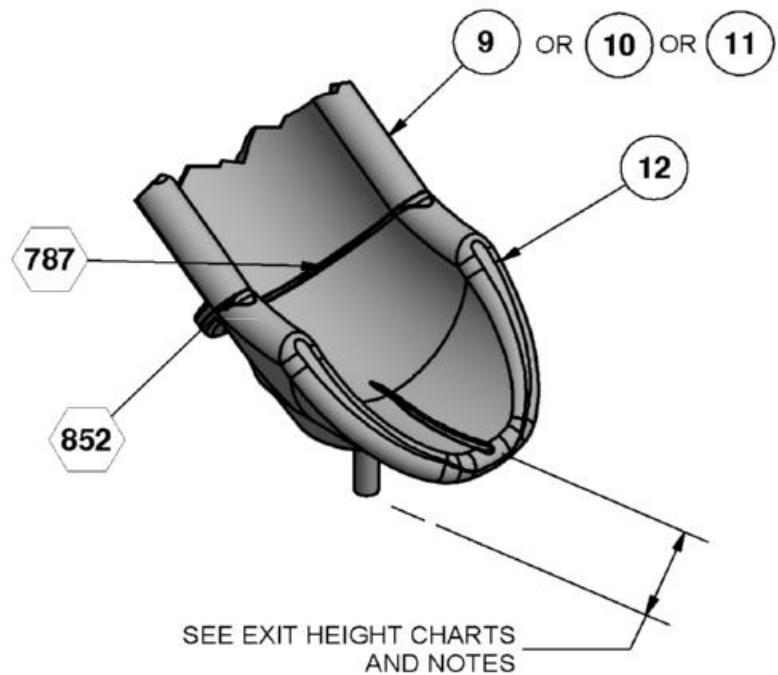


NOTE: USE THESE INSERTS TO
ATTACH TRIPLE ENTRANCE TO
PLATFORM. CLEAN OUT HOLE
LOCATIONS ON PLATFORM TO
MATCH DIMENSIONS

TRIPLE ENTRANCE HOLE PATTERN DETAIL

EXIT HEIGHT CHART	
DECK HEIGHT	EXIT HEIGHT
3'-0"	7 1/4" [18.42cm]
3'-6"	13 1/4" [33.66cm]
4'-0"	7 1/4" [18.42 cm]
4'-6"	13 1/4" [33.66 cm]
5'-0"	7 1/4" [18.42cm]
5'-6"	13 1/4" [33.66 cm]
6'-0"	7 1/4" [18.42 cm]
6'-6"	13 1/4" [33.66 cm]
7'-0"	7 1/4" [18.42 cm]
7'-6"	13 1/4" [33.66 cm]
8'-0"	7 1/4" [18.42cm]

NOTE: CHECK SLIDE EXIT FOR PROPER WATER DRAINAGE BEFORE CONCRETE IS APPLIED



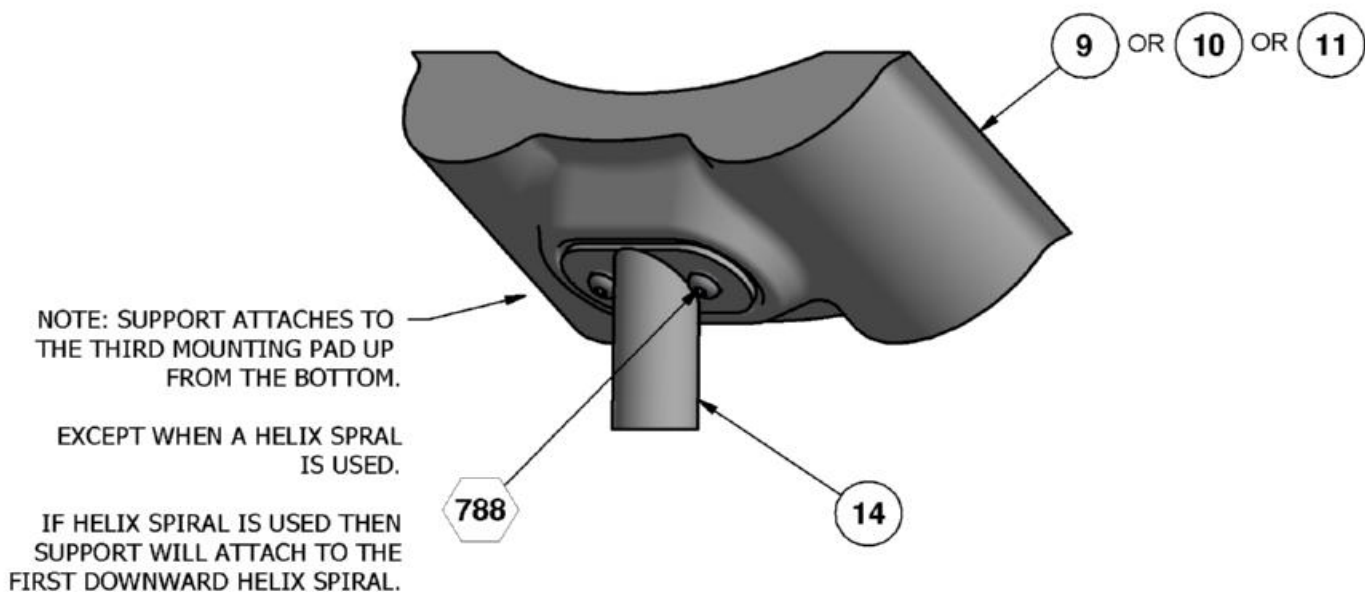
NOTE:
IF YOUR BUILDING A SINGLE
ENTRANCE STRAIGHT SLIDE
YOUR EXIT HEIGHT WILL BE
AS FOLLOWS:

DECK HEIGHT	EXIT HEIGHT
7'-0"	8 3/4" [22.23cm]
7'-6"	14 3/4" [37.47cm]
8'-0"	11" [27.94cm]

NOTE:
IF YOUR BUILDING A TRIPLE
ENTRANCE STRAIGHT SLIDE
IN THE CENTER YOUR EXIT
HEIGHT WILL BE AS FOLLOWS:

DECK HEIGHT	EXIT HEIGHT
7'-0"	8 1/4" [20.96cm]
7'-6"	14 1/4" [36.20 cm]
8'-0"	10" [25.40 cm]

EXIT SECTION ASSEMBLY DRAWING



SLIDE SUPPORT ASSEMBLY DRAWING

INSTALLATION INSTRUCTIONS

SINGLE BEDWAY SLIDES

1. Before assembling this equipment, read the enclosed **INSTALLATION INSTRUCTIONS** in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in **ASSEMBLY DRAWINGS**. Refer to the assembly details for the specific hardware required in each connection.
3. Attach Single Zip Slide Hood using Detail 675.
4. Attach Footbuck to Exit Section using Detail 195.
5. Assemble all slide sections on the ground. Bolt each section together using the hardware shown in Detail 787 and 852. Hand tighten the five bolts that join each section.
Note: Refer to your units Top View for proper placement and orientation of each slide section.
6. Once all sections are bolted together, hand tight, install the slide to the Single Zip Slide Hood and platform using Detail 356 and Detail 428.
7. Starting at the top section, tighten the five bolts with a wrench. Tighten the top two bolts first, the bottom single bolt second, then the remaining two bolts as shown, See Figure #1.
8. It is important that each seam between slide sections are as tight as possible. Be sure that the seams are flush or higher on the upper piece. See Figure #2.
9. After tightening all the pieces, if seam adjustment is necessary, slightly loosen the bolts in the area to be adjusted and repeat step 7 and 8 until seams are properly fitted.
10. After the slide is adjusted and the bolts are tight, attach the slide support using Detail 788 (if required).
NOTE: Support attaches to the third mounting pad up from the bottom.
11. Use Detail 789 to plug inserts in Straight and Curved Sections as required.
12. Attach Outrigger to Spirals if required using Detail 840.

DOUBLE BEDWAY SLIDES

1. Before assembling this equipment, read the enclosed **INSTALLATION INSTRUCTIONS** in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in **ASSEMBLY DRAWINGS**. Refer to the assembly details for the specific hardware required in each connection.
3. Attach Double Zip Slide Hood using Detail 675.
4. Attach Footbucks to Exit Sections using Detail 195.
5. Attach the Double Entrance Section using Detail 356 and Detail 428.
6. Assemble all slide sections on the ground. Bolt each section together using the hardware shown in Detail 787 and 852. Hand tighten the five bolts that join each section.
Note: Refer to your units Top View for proper placement and orientation of each slide section.
7. Once all sections are bolted together, hand tight, install the slides to the Double Entrance Section using Detail 787 and 852.
8. Starting at the top section, tighten the five bolts with a wrench. Tighten the top two bolts first, the bottom single bolt second, then the remaining two bolts as shown, See Figure #1.
9. It is important that each seam between slide sections are as tight as possible. Be sure that the seams are flush or higher on the upper piece. See Figure #2.
10. After tightening all the pieces, if seam adjustment is necessary, slightly loosen the bolts in the area to be adjusted and repeat step 8 and 9 until seams are properly fitted.
11. After the slide is adjusted and the bolts are tight, attach the slide supports using Detail 788 (if required).
NOTE: Support attaches to the third mounting pad up from the bottom.
12. Use Detail 789 to plug inserts in Straight and Curved Sections as required.
13. Attach Outrigger to Spirals if required using Detail 840.

TRIPLE BEDWAY SLIDES

1. Before assembling this equipment, read the enclosed **INSTALLATION INSTRUCTIONS** in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in **ASSEMBLY DRAWINGS**. Refer to the assembly details for the specific hardware required in each connection.
3. Attach Hex Deck to Uprights using Detail 030.
4. Attach Triple Slide Hood using Detail 675.
5. Attach Footbucks to Exit Sections using Detail 195.
6. Attach the Triple Entrance Section using Detail 356 and Detail 428.
7. Assemble all slide sections on the ground. Bolt each section together using the hardware shown in Detail 787 and 852. Hand tighten the five bolts that join each section.
Note: Refer to your units Top View for proper placement and orientation of each slide section.
8. Once all sections are bolted together, hand tight, install the slides to the Triple Entrance Section using Detail 787 and 852.
9. Starting at the top section, tighten the five bolts with a wrench. Tighten the top two bolts first, the bottom single bolt second, then the remaining two bolts as shown, See Figure #1.
10. It is important that each seam between slide sections are as tight as possible. Be sure that the seams are flush or higher on the upper piece. See Figure #2.
11. After tightening all the pieces, if seam adjustment is necessary, slightly loosen the bolts in the area to be adjusted and repeat step 9 and 10 until seams are properly fitted.
12. After the slide is adjusted and the bolts are tight, attach the slide supports using Detail 788 (if required).
NOTE: Support attaches to the third mounting pad up from the bottom.
13. Use Detail 789 to plug inserts in Straight and Curved Sections as required.
14. Attach Outrigger to Spirals if required using Detail 840.

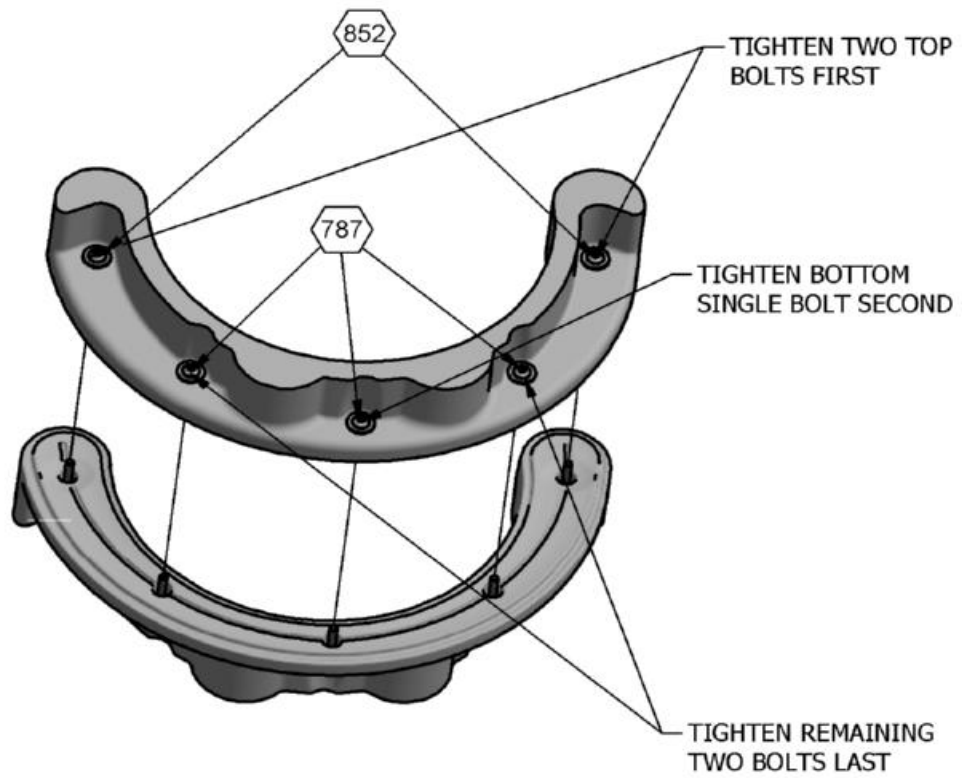


FIGURE #1

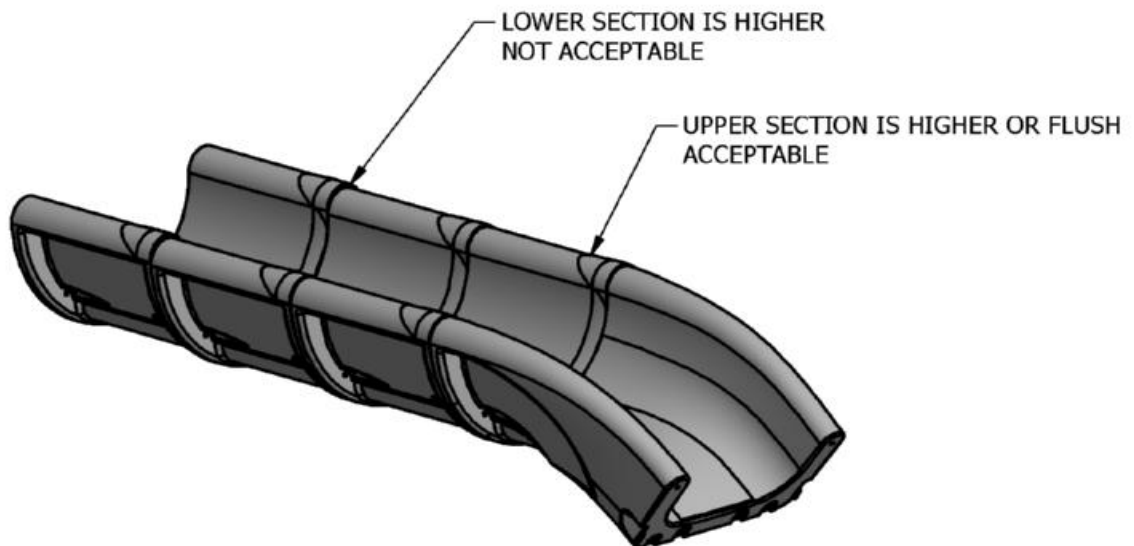


FIGURE #2

Parts List

REF.	DESCRIPTION	90700	90701	90763	90703	90704	90705	90706	90707	PART NUMBER
1	SINGLE ZIP SLIDE HOOD	1	0	0	0	0	0	0	0	203858
2	SINGLE ENTRANCE SECTION	1	0	0	0	0	0	0	0	205960
3	DOUBLE ZIP SLIDE HOOD	0	1	0	0	0	0	0	0	203860
4	DOUBLE ENTRANCE SECTION	0	1	0	0	0	0	0	0	206167
5	TRIPLE SLIDE HOOD	0	0	1	0	0	0	0	0	207656
6	TRIPLE ENTRANCE SECTION	0	0	1	0	0	0	0	0	206168
7	COATED TWO PIECE HEX DECK	0	0	1	0	0	0	0	0	204318
8	SUPPORT ASS'Y	0	0	0	0	0	0	0	0	208976
9	STRAIGHT SECTION	0	0	0	1	0	0	0	0	205962
10	CURVED LEFT SECTION	0	0	0	0	1	0	0	0	205963
11	CURVED RIGHT SECTION	0	0	0	0	0	1	0	0	205964
12	EXIT SECTION	0	0	0	0	0	0	1	0	206179
13	FOOTBUCK WELD ASS'Y	0	0	0	0	0	0	1	0	204879
14	SUPPORT ASS'Y	0	0	0	0	0	0	0	0	312634
15	HELIX SPIRAL	0	0	0	0	0	0	0	0	206170
16	SUPPORT ASS'Y	0	0	0	0	0	0	0	0	312637
17	DOUBLE STRAIGHT SECTION	0	0	0	0	0	0	0	0	207601
18	COATED TWO PIECE HEX DECK ADA	0	0	0	0	0	0	0	0	204533
19	OUTRIGGER	0	0	0	0	0	0	0	0	209049
20	HELIX SPIRAL 140 DEGREES	0	0	0	0	0	0	0	1	210735
	HARDWARE COMPLETE	1	0	0	0	0	0	0	1	207029
	HARDWARE COMPLETE	0	1	0	0	0	0	0	0	207030
	HARDWARE COMPLETE	0	0	1	0	0	0	0	0	209982
	HARDWARE COMPLETE	0	0	0	1	0	0	0	1	207032
	HARDWARE COMPLETE	0	0	0	0	1	1	0	0	207033
	HARDWARE COMPLETE	0	0	0	0	0	0	1	0	207035
	HARDWARE COMPLETE	0	0	0	0	0	0	0	0	207036
	HARDWARE COMPLETE	0	0	0	0	0	0	0	0	208396
	3/8" x 3/4" P.B.H.C.S. w/PATCH	0	0	0	0	0	0	4	0	812052*
	3/8" x 1" P.B.H.C.S. w/PATCH	0	2	0	2	4	4	0	2	812050*
	3/8" x 1 1/2" P.B.H.C.S.	0	0	12	0	0	0	0	0	810053*
	3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	4	6	0	0	0	0	0	812054*
	3/8" x 2 1/4" P.B.H.C.S. w/PATCH	2	2	2	5	5	5	5	5	812056*
	3/8" x 2 3/4" P.B.H.C.S. w/PATCH	2	2	2	0	0	0	0	0	812058*
	3/8" x 3 1/2" HEX HEAD BOLT	0	0	0	0	0	0	1	0	801013*
	3/8" x 2 1/2" HEX HEAD BOLT	0	0	0	0	0	0	0	0	801009*
	3/8" LOCK WASHER	6	8	22	5	5	5	10	5	817334*
	3/8" FLATWASHER	0	0	0	0	0	0	4	0	817410*
	3/8" FLAT WASHER (1" O.D.)	2	2	2	0	0	0	0	0	817401*
	3/8" FLAT WASHER (1 1/4" O.D.)	4	6	20	5	5	5	5	5	817424*
	3/8" HEX NUT	0	0	0	0	0	0	1	0	804053*
	6" EXTENSION	0	0	0	0	0	0	1	0	151080*
	EXTENSION LEG	0	0	0	0	0	0	0	0	152110*
	1/2" FLAT WASHER(1 3/8" O.D.)	0	0	0	5	5	5	5	5	817425*
	3/8" BARREL NUT LONG	0	0	0	5	5	5	5	5	804820*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

Parts List										
REF.	DESCRIPTION	90708	90709	90710	90718	90762	90764	90729	90776	PART NUMBER
1	SINGLE ZIP SLIDE HOOD	0	0	0	0	0	0	0	0	203858
2	SINGLE ENTRANCE SECTION	0	0	0	0	0	0	0	0	205960
3	DOUBLE ZIP SLIDE HOOD	0	0	0	0	0	0	0	0	203860
4	DOUBLE ENTRANCE SECTION	0	0	0	0	0	0	0	0	206167
5	TRIPLE SLIDE HOOD	0	0	0	0	0	1	0	0	207656
6	TRIPLE ENTRANCE SECTION	0	0	0	0	0	1	0	0	206168
7	COATED TWO PIECE HEX DECK	0	0	0	0	0	0	0	0	204318
8	SUPPORT ASS'Y	0	0	0	1	0	0	0	0	208976
9	STRAIGHT SECTION	0	0	0	0	0	0	0	0	205962
10	CURVED LEFT SECTION	0	0	0	0	0	0	0	0	205963
11	CURVED RIGHT SECTION	0	0	0	0	0	0	0	0	205964
12	EXIT SECTION	0	0	0	0	0	0	0	0	206179
13	FOOTBUCK WELD ASS'Y	0	0	0	0	1	0	0	0	204879
14	SUPPORT ASS'Y	0	1	0	0	0	0	0	0	312634
15	HELIX SPIRAL	1	0	0	0	0	0	0	0	206170
16	SUPPORT ASS'Y	0	0	1	0	0	0	0	0	312637
17	DOUBLE STRAIGHT SECTION	0	0	0	0	0	0	1	0	207601
18	COATED TWO PIECE HEX DECK ADA	0	0	0	0	0	1	0	0	204533
19	OUTRIGGER	0	0	0	0	0	0	0	1	209049
21	EXIT SECTION	0	0	0	0	1	0	0	0	211303
	HARDWARE COMPLETE	0	0	0	0	0	0	0	0	207029
	HARDWARE COMPLETE	0	0	0	0	0	0	0	0	207030
	HARDWARE COMPLETE	0	0	0	0	0	1	0	0	209982
	HARDWARE COMPLETE	1	0	0	0	0	0	0	0	207032
	HARDWARE COMPLETE	0	0	0	0	0	0	1	0	207033
	HARDWARE COMPLETE	0	0	0	0	1	0	0	0	207035
	HARDWARE COMPLETE	0	1	0	0	0	0	0	0	207036
	HARDWARE COMPLETE	0	0	1	1	0	0	0	0	208396
	3/8" x 3/4" P.B.H.C.S. w/PATCH	0	0	0	0	4	0	0	0	812052*
	3/8" x 1" P.B.H.C.S. w/PATCH	2	2	2	2	0	0	4	0	812050*
	3/8" x 1 1/2" P.B.H.C.S.	0	0	0	0	0	12	0	0	810053*
	3/8" x 1 3/4" P.B.H.C.S. w/PATCH	0	0	0	0	0	6	0	0	812054*
	3/8" x 2 1/4" P.B.H.C.S. w/PATCH	5	0	0	0	5	2	5	0	812056*
	3/8" x 2 3/4" P.B.H.C.S. w/PATCH	0	0	0	0	0	2	0	0	812058*
	3/8" x 3 1/2" HEX HEAD BOLT	0	0	0	0	1	0	0	0	801013*
	3/8" x 2 1/2" HEX HEAD BOLT	0	1	0	0	0	0	0	0	801009*
	3/8" LOCK WASHER	5	3	2	2	10	22	5	0	817334*
	3/8" FLATWASHER	0	2	2	2	4	0	0	0	817410*
	3/8" FLAT WASHER (1" O.D.)	0	0	0	0	0	2	0	0	817401*
	3/8" FLAT WASHER (1 1/4" O.D.)	5	0	0	0	5	20	5	0	817424*
	3/8" HEX NUT	0	1	0	0	1	0	0	0	804053*
	6" EXTENSION	0	0	0	0	1	0	0	0	151080*
	EXTENSION LEG	0	1	0	0	0	0	0	0	152110*
	1/2" FLAT WASHER(1 3/8" O.D.)	5	0	0	0	5	0	5	0	817425*
	3/8" BARREL NUT LONG	5	0	0	0	5	0	5	0	804820*

Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards
For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed.
Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment
And Dispose/Save Them In A Secure Location.**

**Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.**

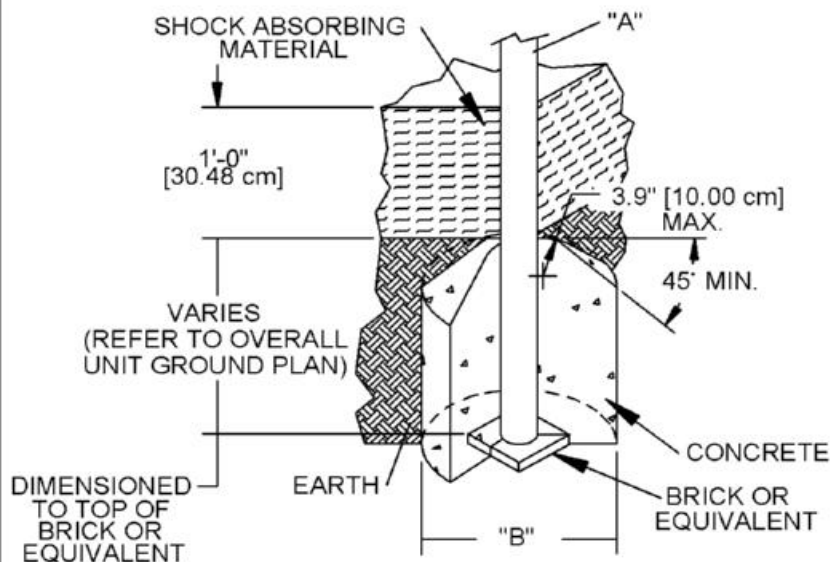
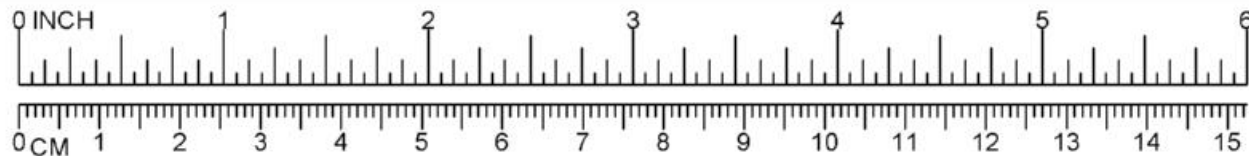
DETAILS -for- **90700, 90701, 90763, 90703 THRU 90710, 90718, 90762, 90764, 90729 & 90776.**

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



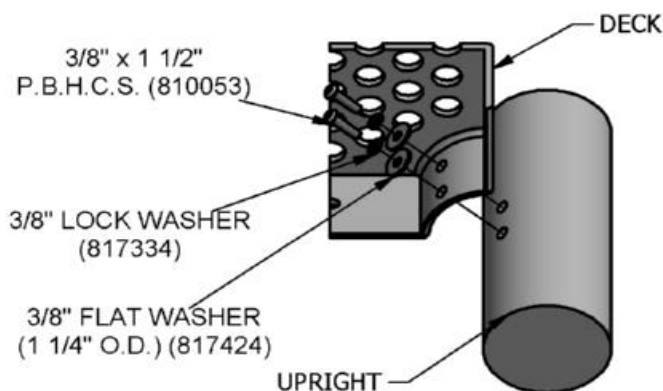
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS	
5" [12.70 cm]	2'-0" [60.96 cm]
TREE SCAPE	
5" [12.70 cm]	4'-0" [121.92 cm]

NOTES:

- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

032

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

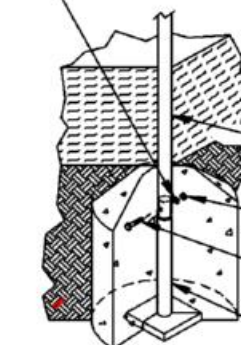


*NOTE:
BOLTS SHOULD BE TORQUED FROM 20-25 FT. LBS. FOR PROPER INSTALLATION.

030

*NOTE:
AFTER ASSEMBLY IS COMPLETED, PEEN FLATWASHERS TO MATCH RADIUS OF UPRIGHT.

3/8" LOCKWASHER (817334)



LEG (PIPE DIA.)	BOLT REQUIRED
1 5/16" [3.3 cm]	3/8" x 2" HEX HEAD (801007)
1 5/8" [4.1 cm]	3/8" x 2 1/2" HEX HEAD (801009)
1 7/8" [4.7 cm]	3/8" x 3" HEX HEAD (801011)
2 3/8" [6.0 cm]	3/8" x 3 1/2" HEX HEAD (801013)
2 7/8" [7.3 cm]	3/8" x 4" HEX HEAD (801015)

061

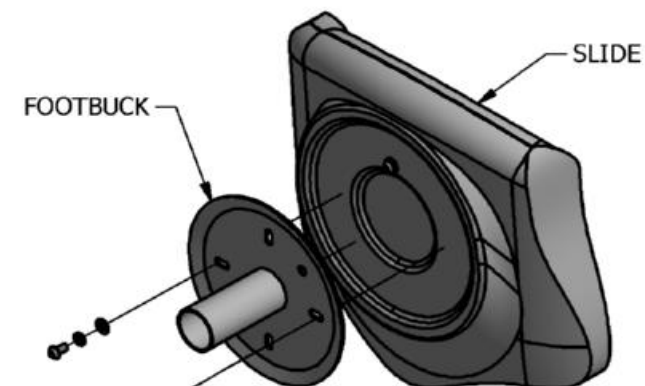
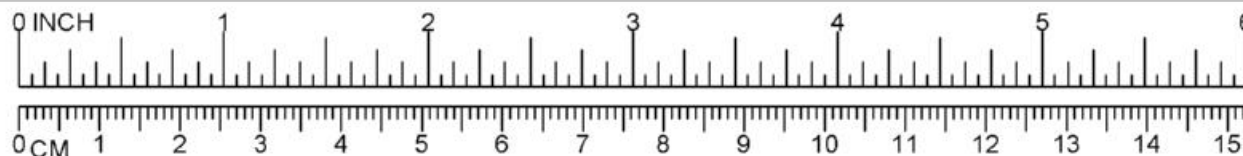
DETAILS -for- 90700, 90701, 90763, 90703 THRU 90710, 90718, 90762, 90764, 90729 & 90776.

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

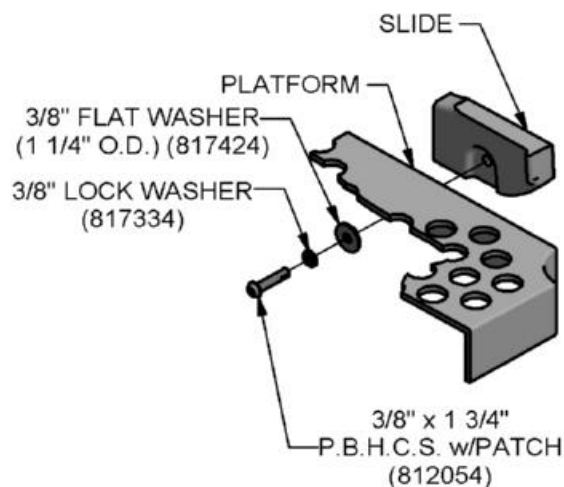
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



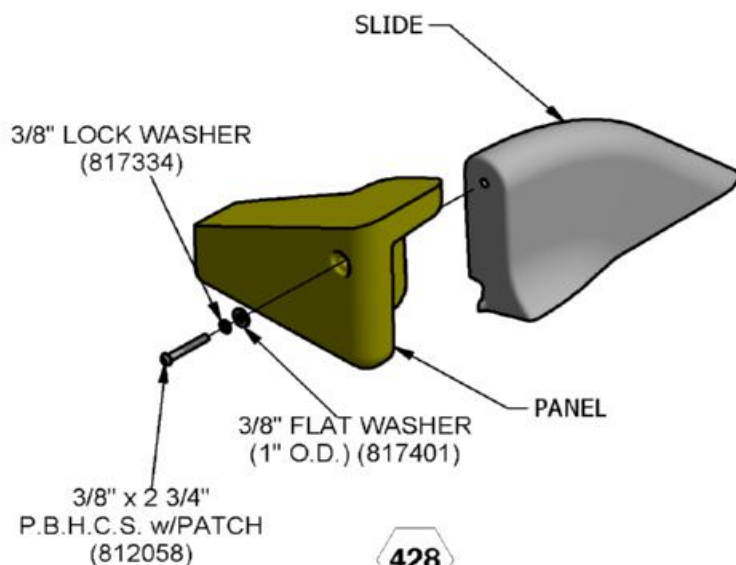
3/8" FLAT WASHER
(817410)

SOME SLIDES WILL ONLY
HAVE TWO BOLTS PER
FOOTBUCK CONNECTION

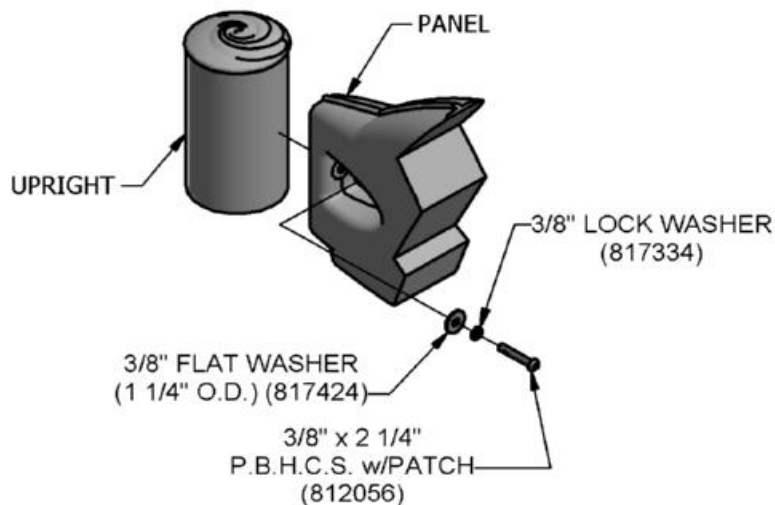
195



356



428



675

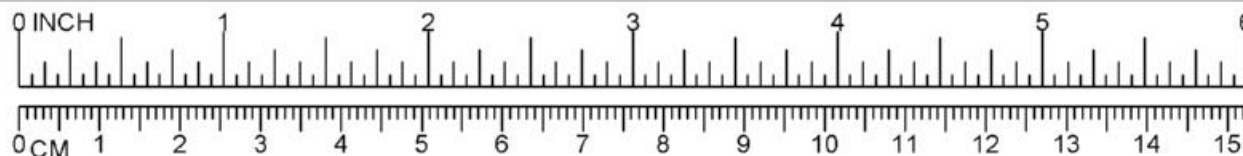
DETAILS -for- **90700, 90701, 90763, 90703 THRU 90710, 90718, 90762, 90764, 90729 & 90776.**

IMPORTANT

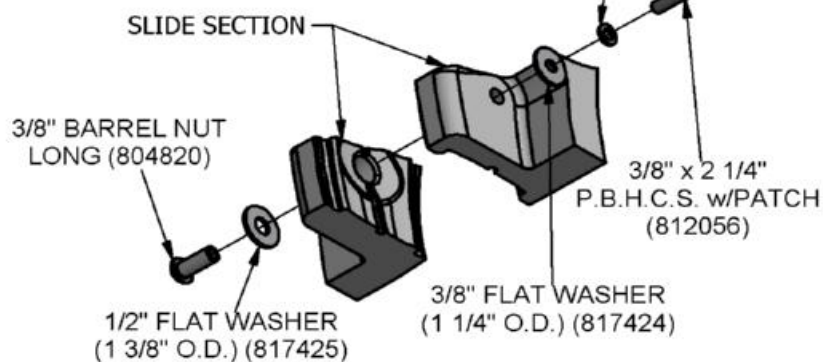
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END
 PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED
 SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.

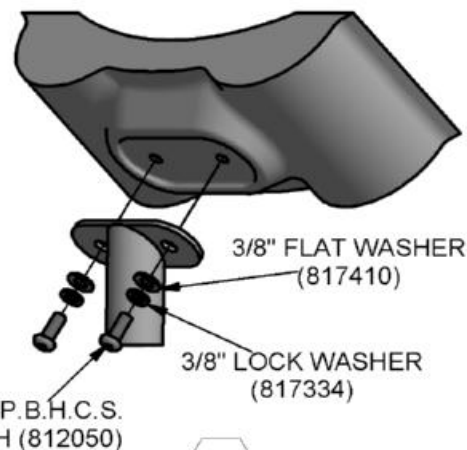


**3/8" LOCK WASHER
(817334)**

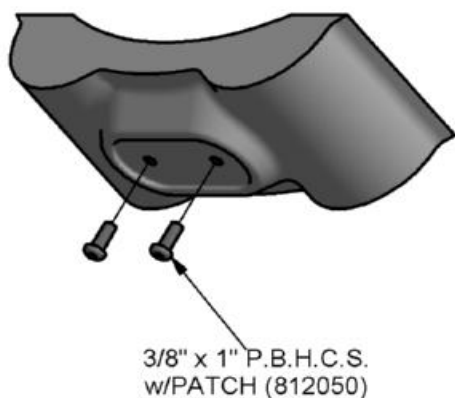


NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD
 BE USED ON ALL THREADED HARDWARE

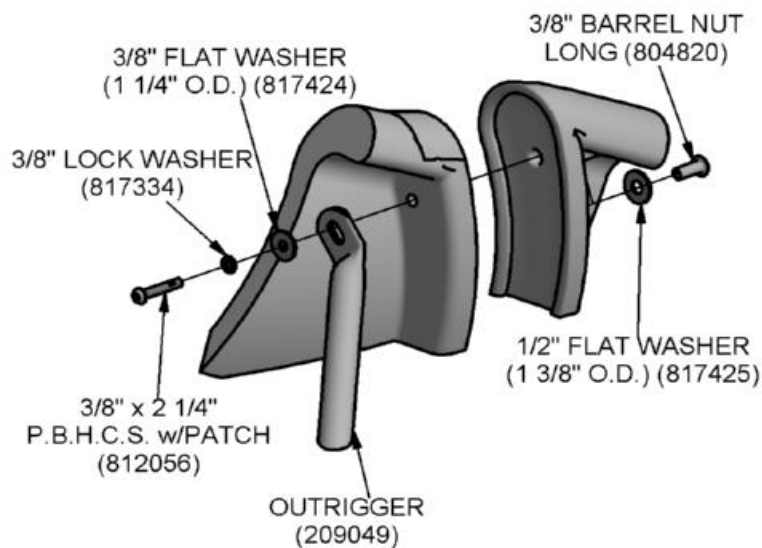
787



788



789



840

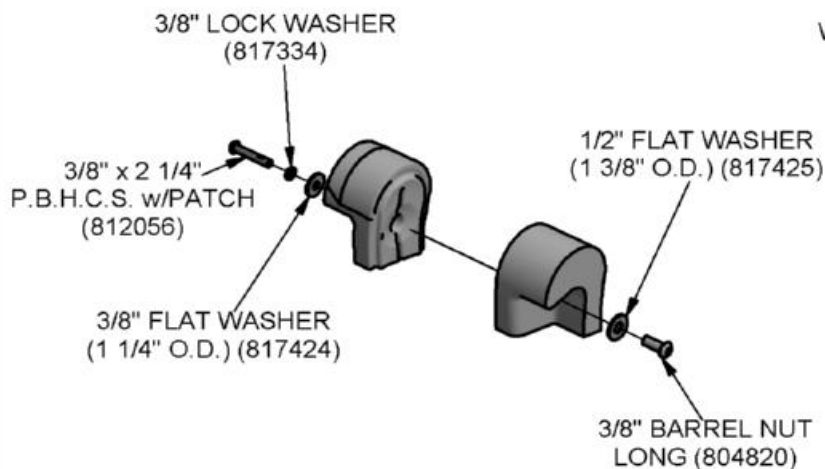
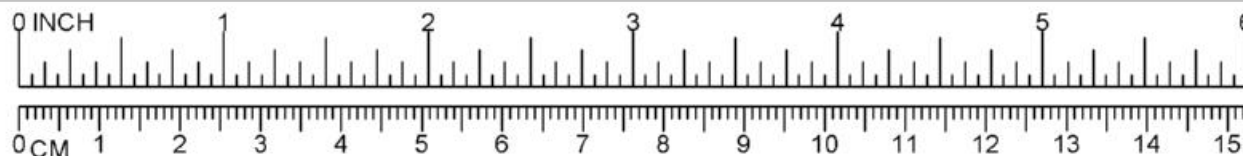
DETAILS -for- **90700, 90701, 90763, 90703 THRU 90710, 90718, 90762, 90764, 90729 & 90776.**

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END
 PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED
 SMOOTH AND TREATED TO PREVENT CORROSION.

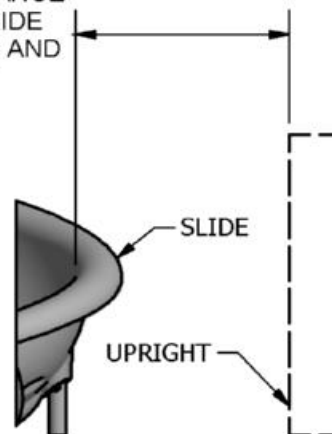
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



852

21" MIN. CLEARANCE
 BETWEEN INSIDE
 WALL OF SLIDE AND
 UPRIGHT



909

PowerScape

GameTime®

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 7/2/21

90790 SLOPED FUNNEL CLIMBER

⬡ = INSTALLATION
DETAIL

○ = PARTS LIST
REFERENCE



90790
2'-6" THRU 5'-0"

90791
2'-6"



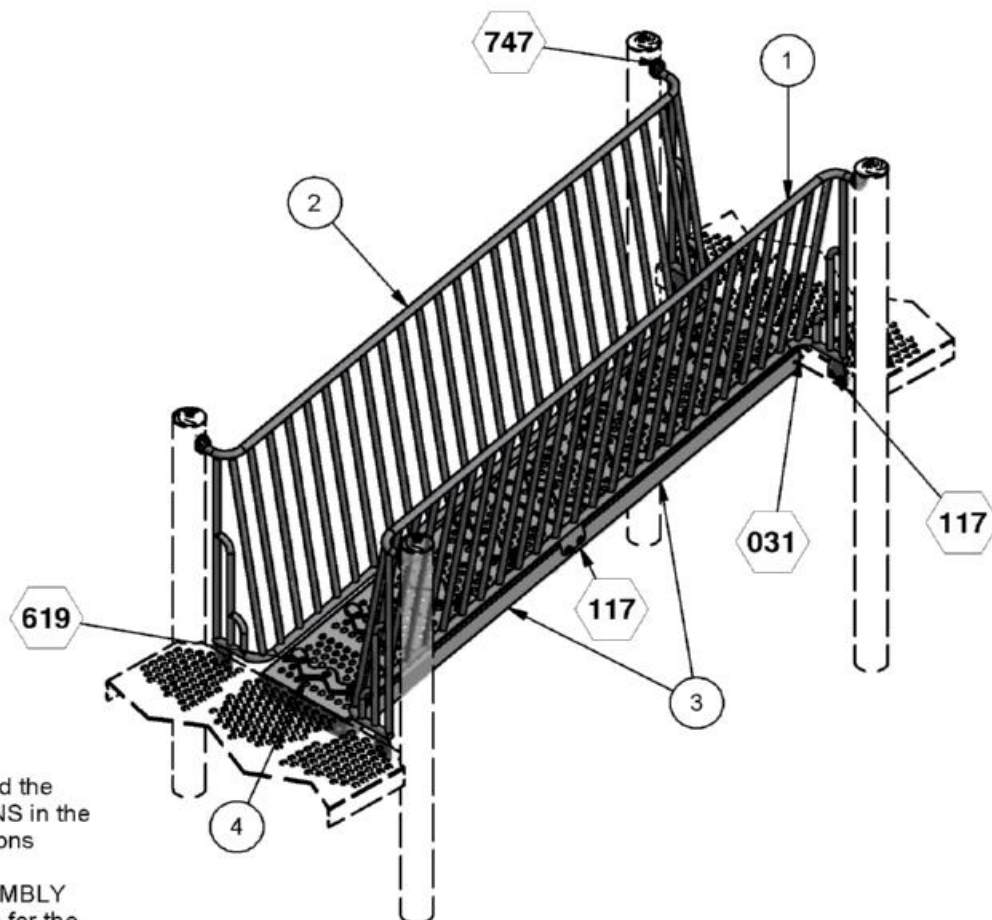
90790
2'-6" THRU 9'-0"

90791
2'-6" THRU 4'-0"

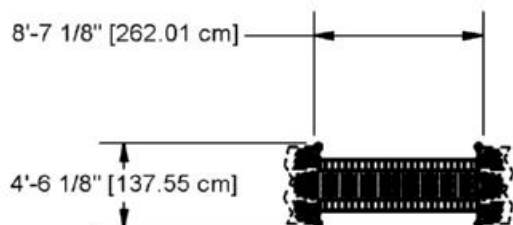
INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLATION INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.

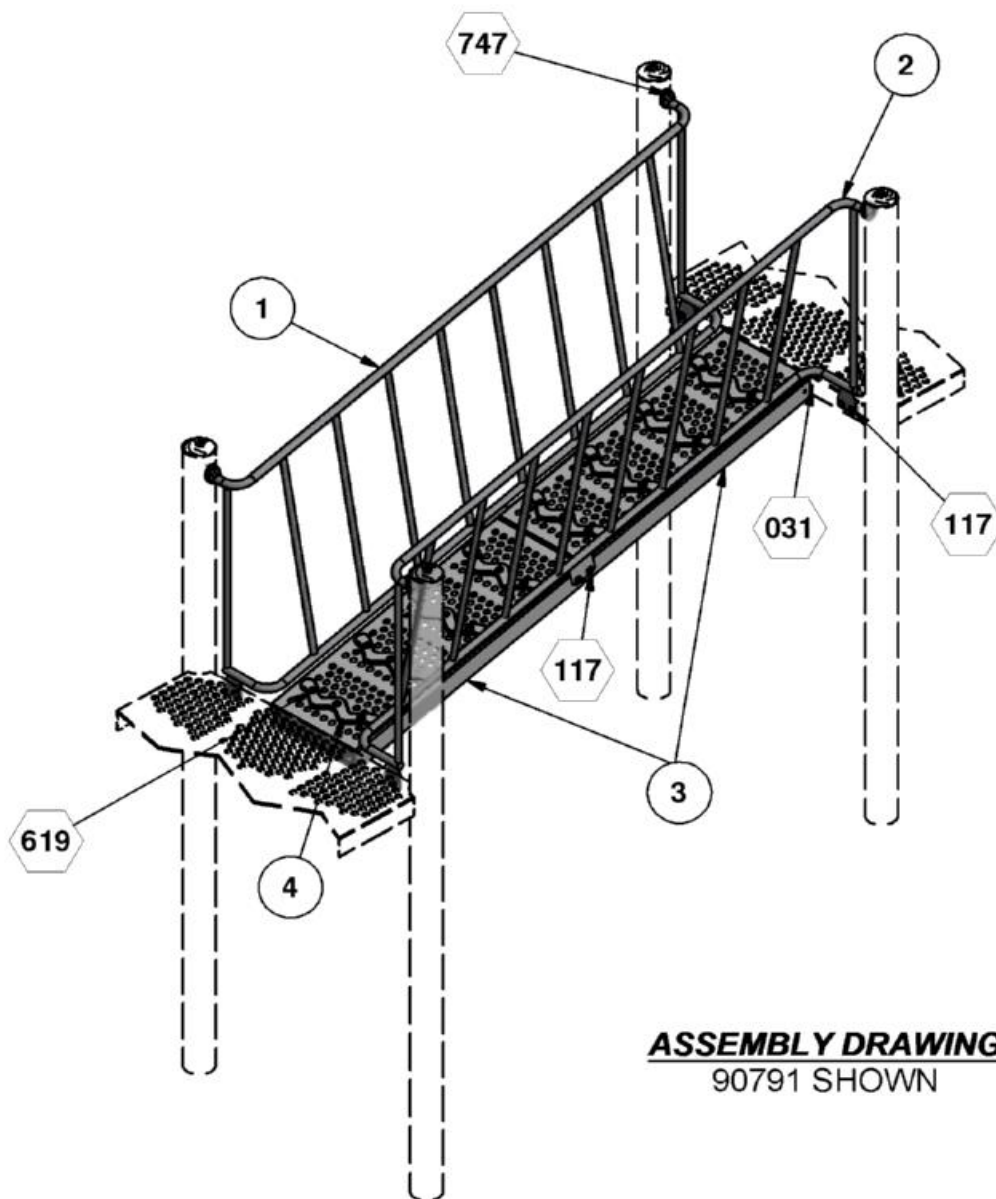
2 DECK SPAN BARRIER 90790
2 DECK SPAN GUARDRAIL 90791



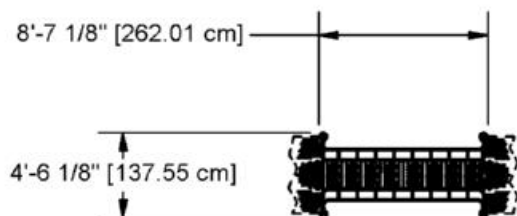
ASSEMBLY VIEW
90790 SHOWN



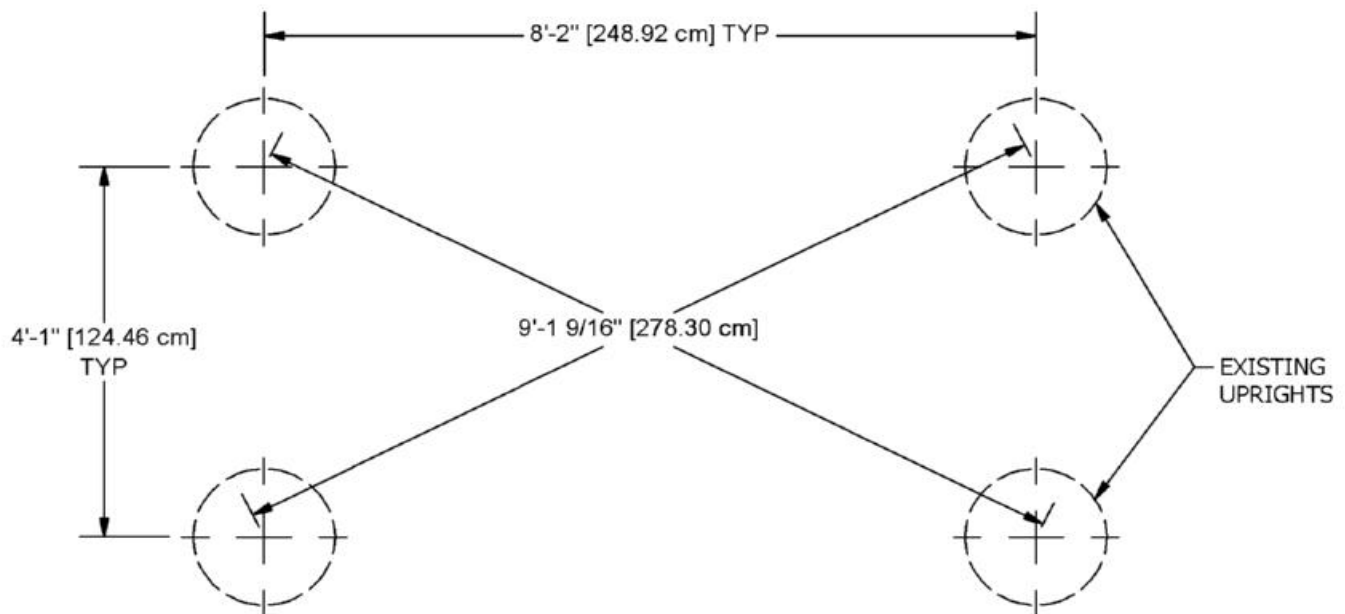
TOP VIEW
90790 SHOWN



ASSEMBLY DRAWING
90791 SHOWN



TOP VIEW
90791 SHOWN



GROUND PLAN

Parts List				
REF.	DESCRIPTION	90790	90791	PART NUMBER
1	RIGHT BARRIER WELD ASS'Y	1	0	209837
1	RIGHT GUARDRAIL WELD ASS'Y	0	1	209840
2	LEFT BARRIER WELD ASS'Y	1	0	209833
2	LEFT GUARDRAIL WELD ASS'Y	0	1	209842
3	COATED PUNCHED WALKWAY	2	2	179568
4	HDPE STEP	8	8	200687
	TRU-LOC	4	4	A03650
	HARDWARE COMPLETE	1	1	209843
	3/8" x 3/4" P.B.H.C.S. w/PATCH	42	42	812052*
	3/8" x 2" P.B.H.C.S. w/PATCH	4	4	812055*
	3/8" FLAT WASHER	24	24	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	18	18	817424*
	3/8" LOCK WASHER	22	22	817334*
	3/8" T-NUT	42	42	804556*
	ALUM. PIN	4	4	203568*

Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

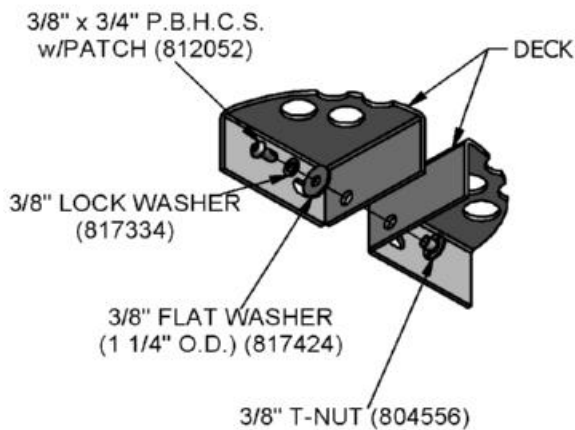
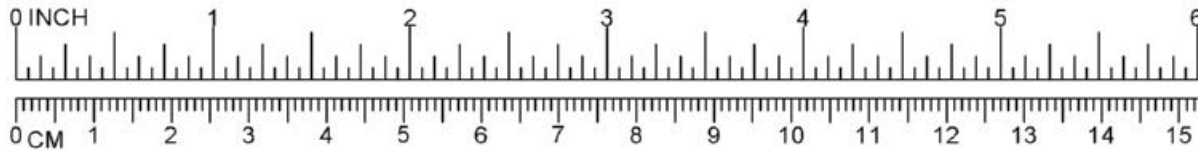
DETAILS -for- 90790 & 90791

IMPORTANT

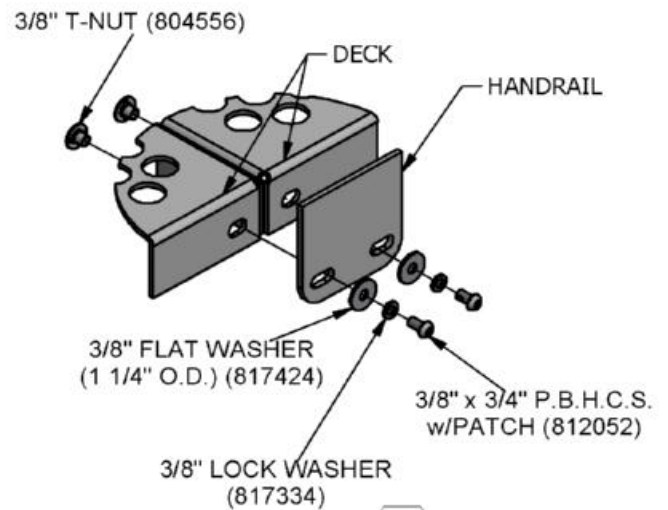
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

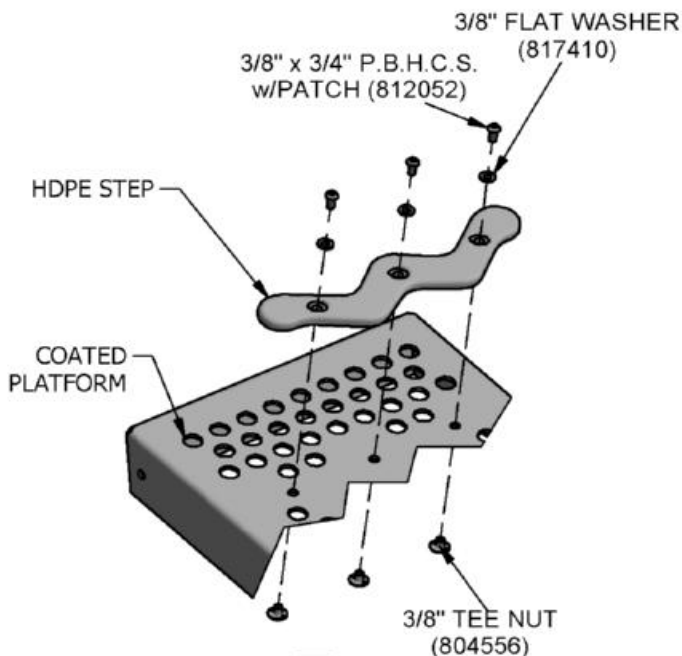
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



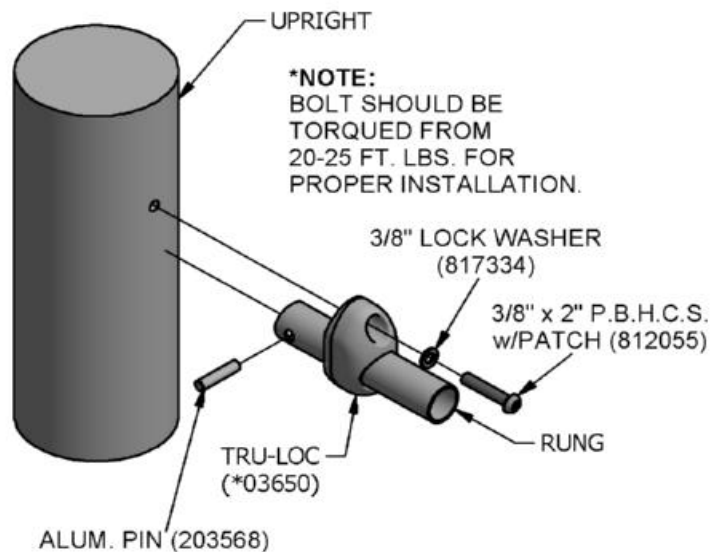
031



117



619



747

PowerScape

GameTime®

A PLAYCORE Company

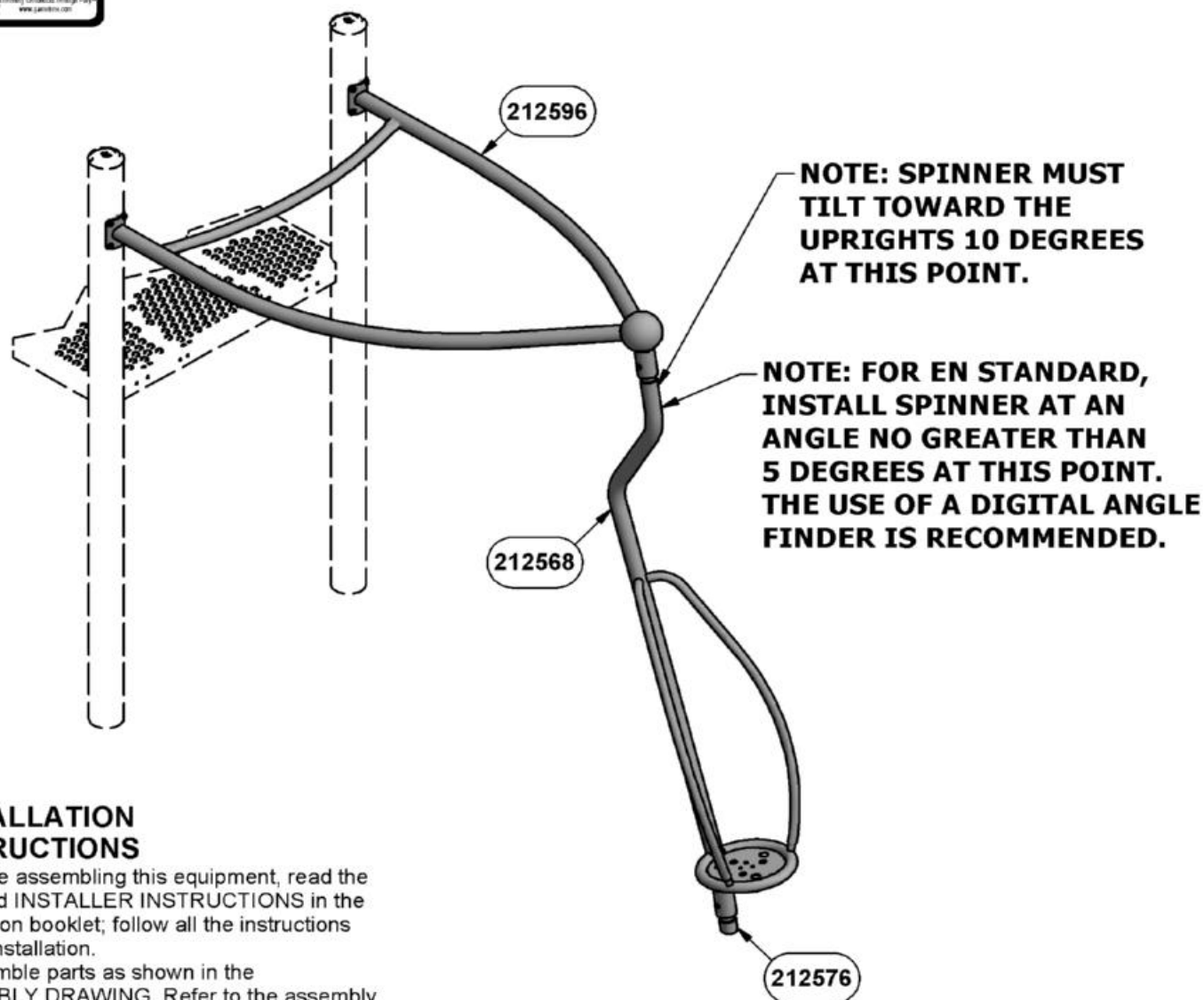
1-800-235-2440

ISSUED/REVISED: 7/9/2021

90840

GT XCELERATOR

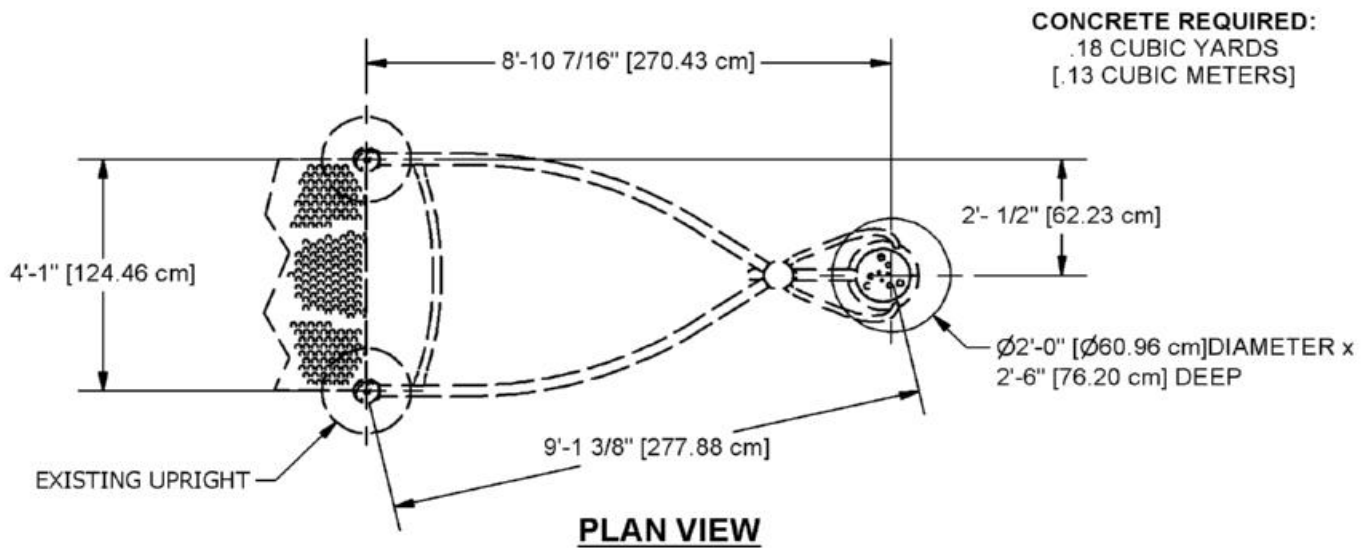
EN VERSION B90840



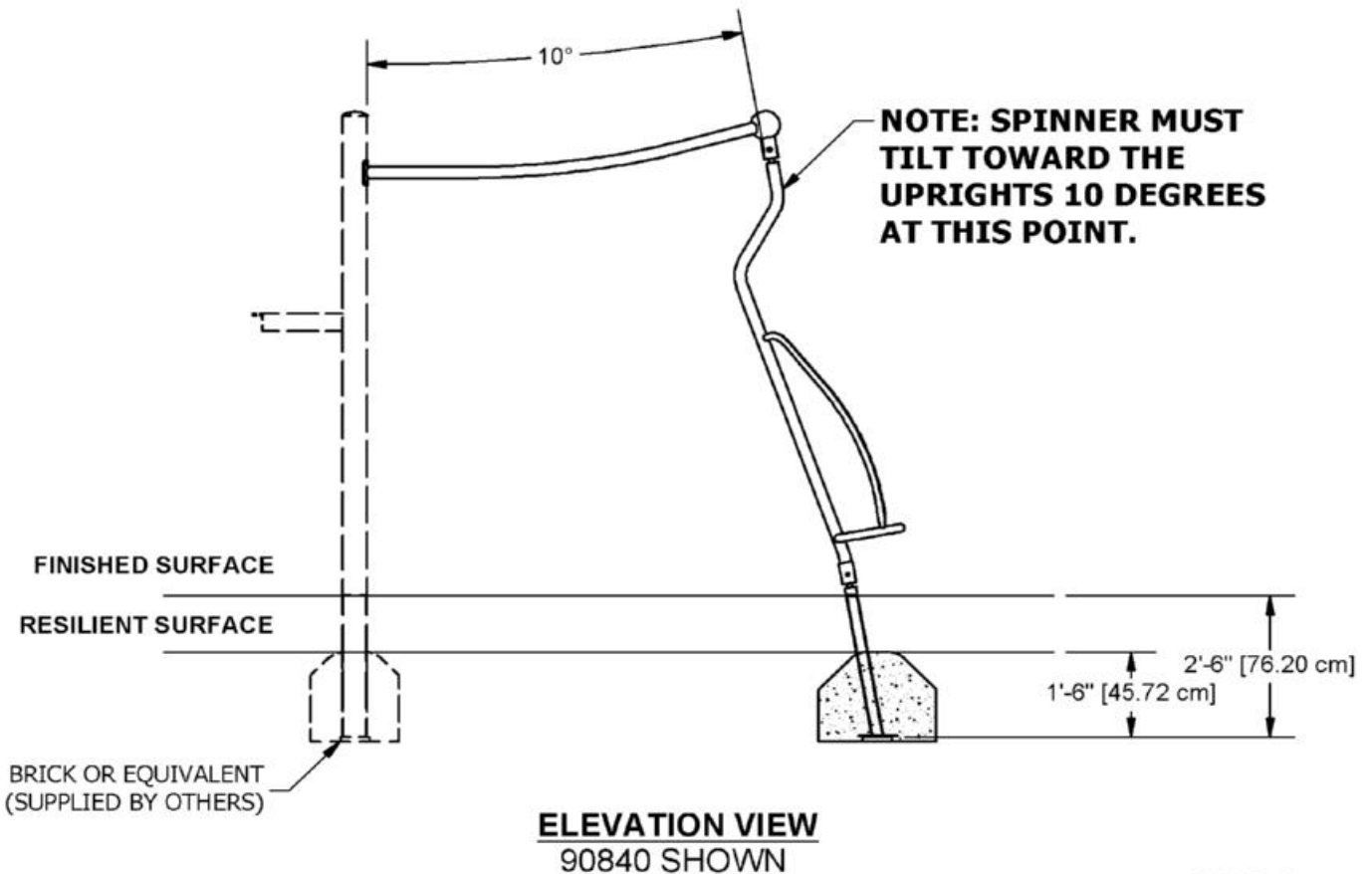
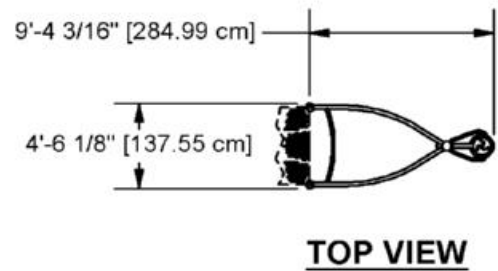
INSTALLATION INSTRUCTIONS

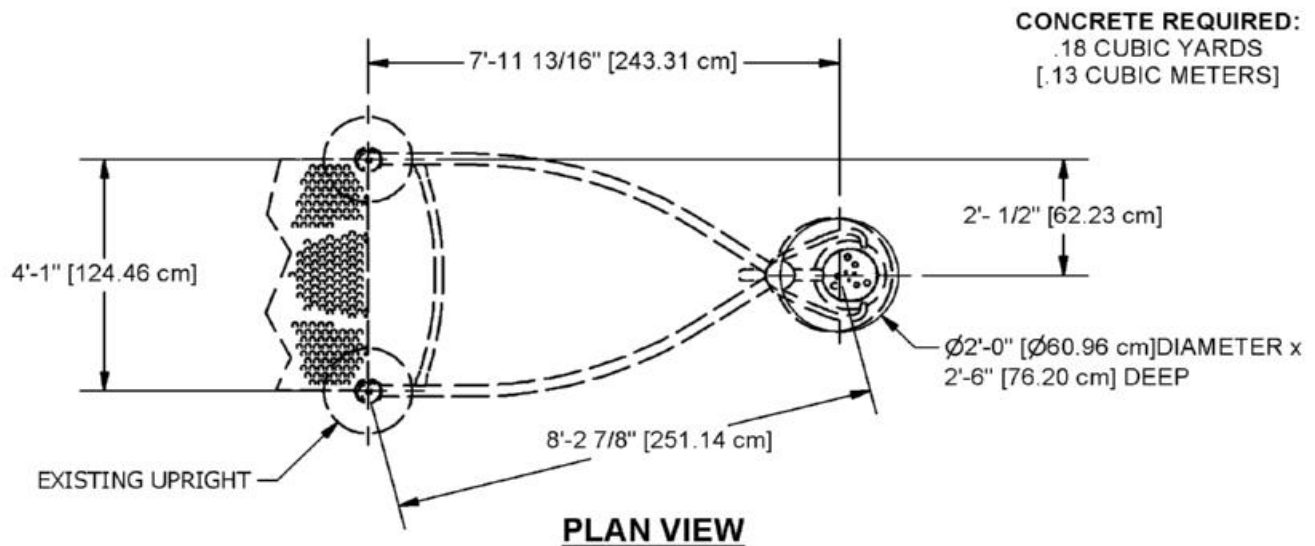
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

ASSEMBLY VIEW
90840 SHOWN

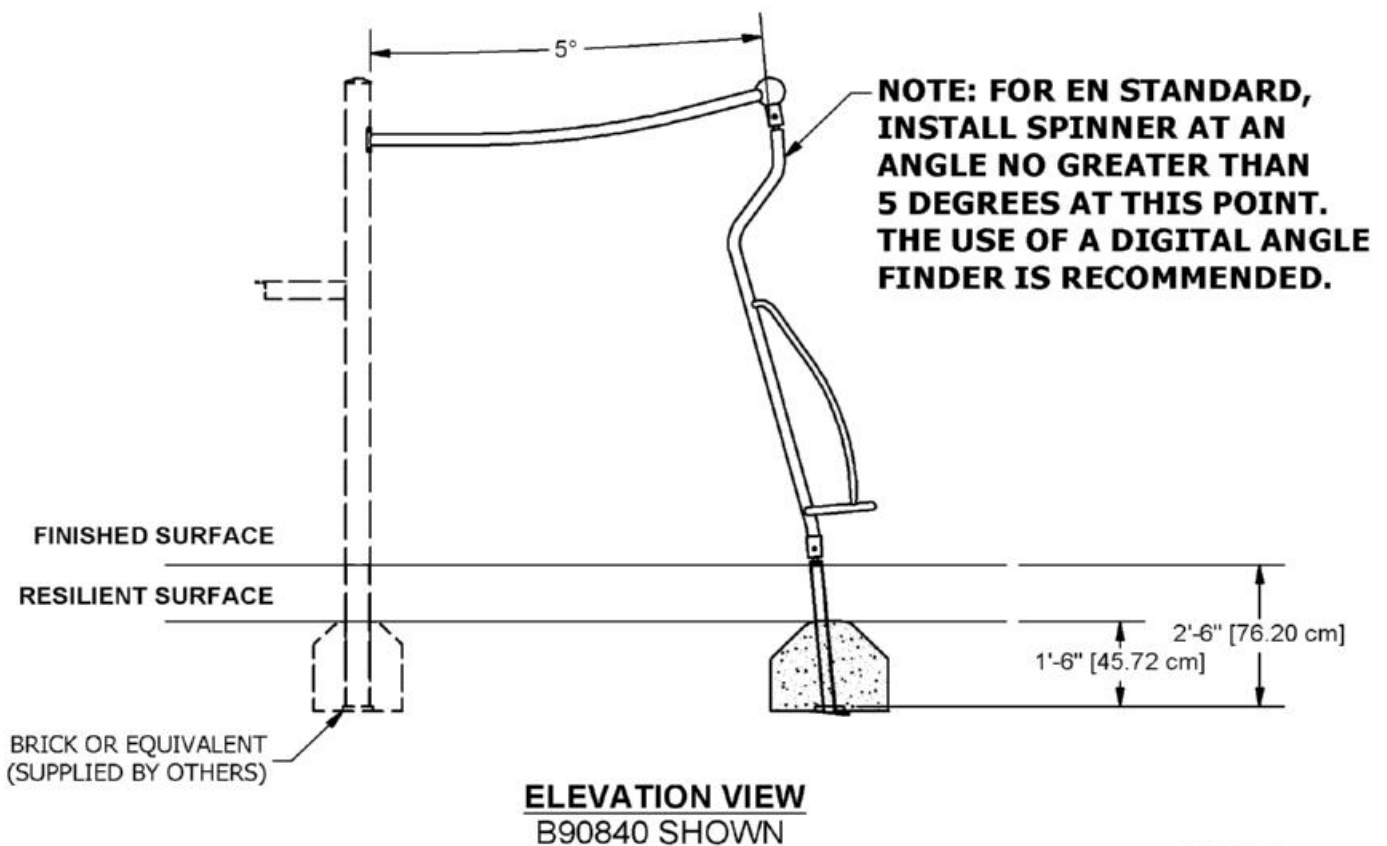
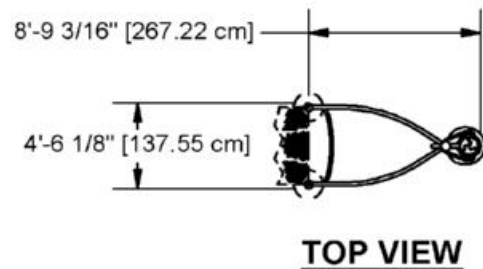


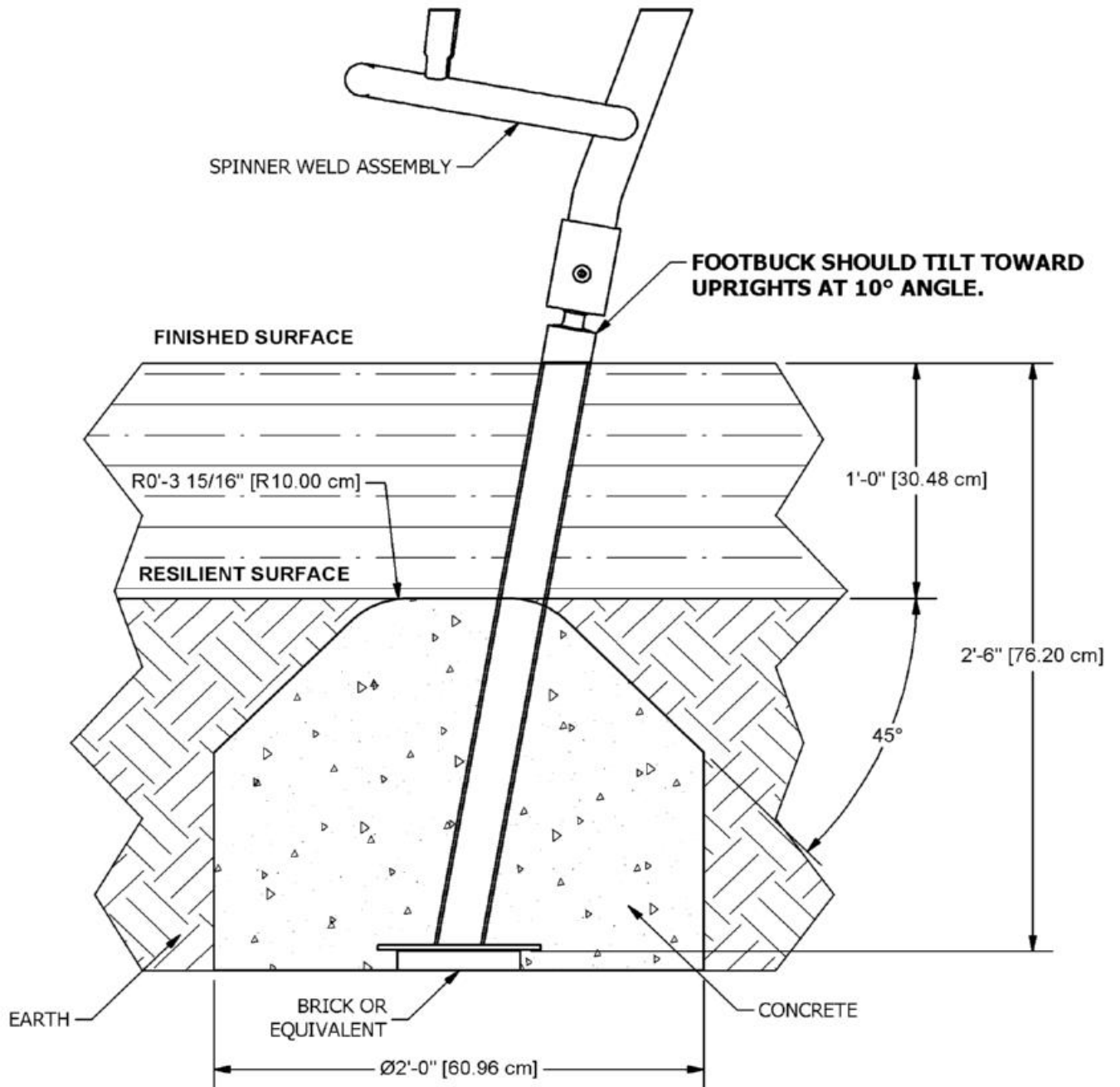
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.





NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



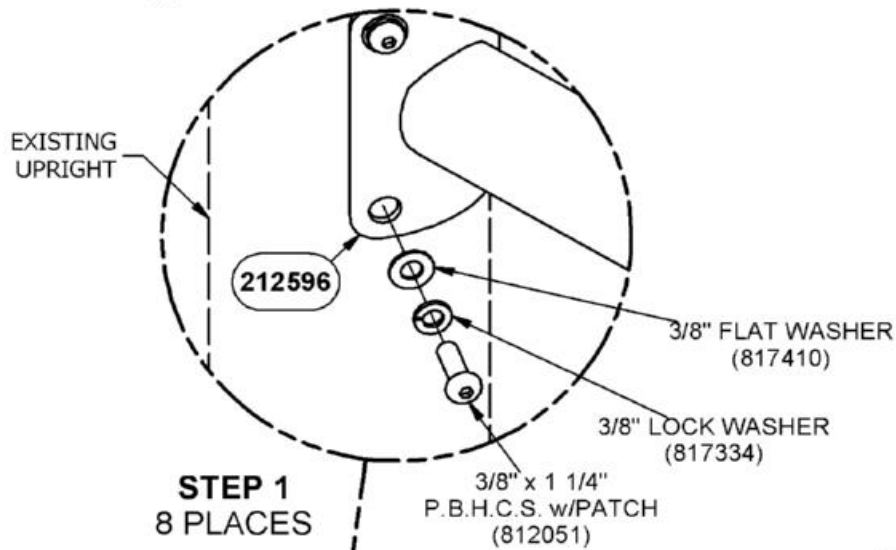
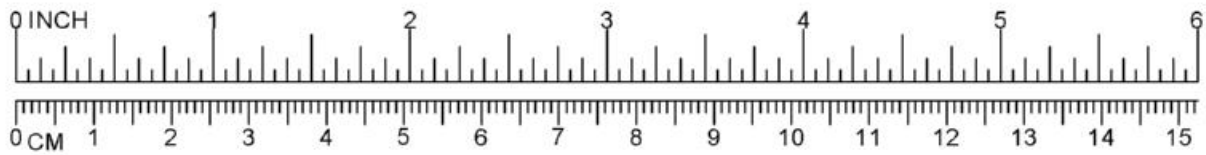


NOTES:

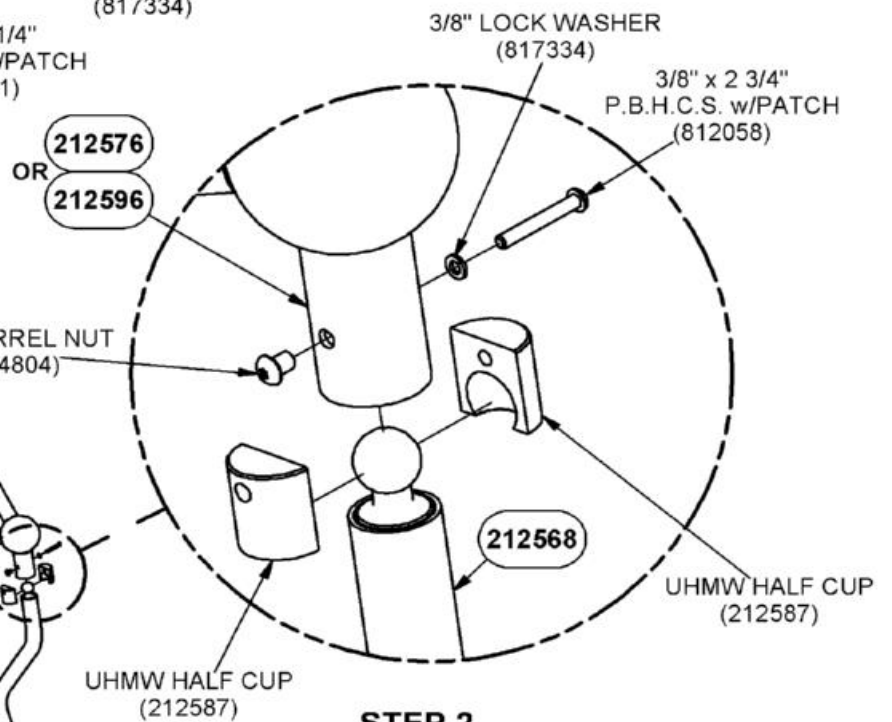
-SLOPED FOOTING IS A REQUIREMENT
OF EUROPEAN STANDARD EN1176-1 ONLY
-SUGGESTED MINIMUM CONCRETE
RATING: 3000 PSI

SHOCK ABSORBING PROPERTIES OF SURFACING
MATERIALS VARY. IF YOU DETERMINE THAT LESS
THAN 1'-0" [30.48 cm] OF SURFACING IS REQUIRED,
MAKE UP THE DIFFERENCE IN ELEVATION WITH
EARTH, BEFORE APPLYING SURFACING.

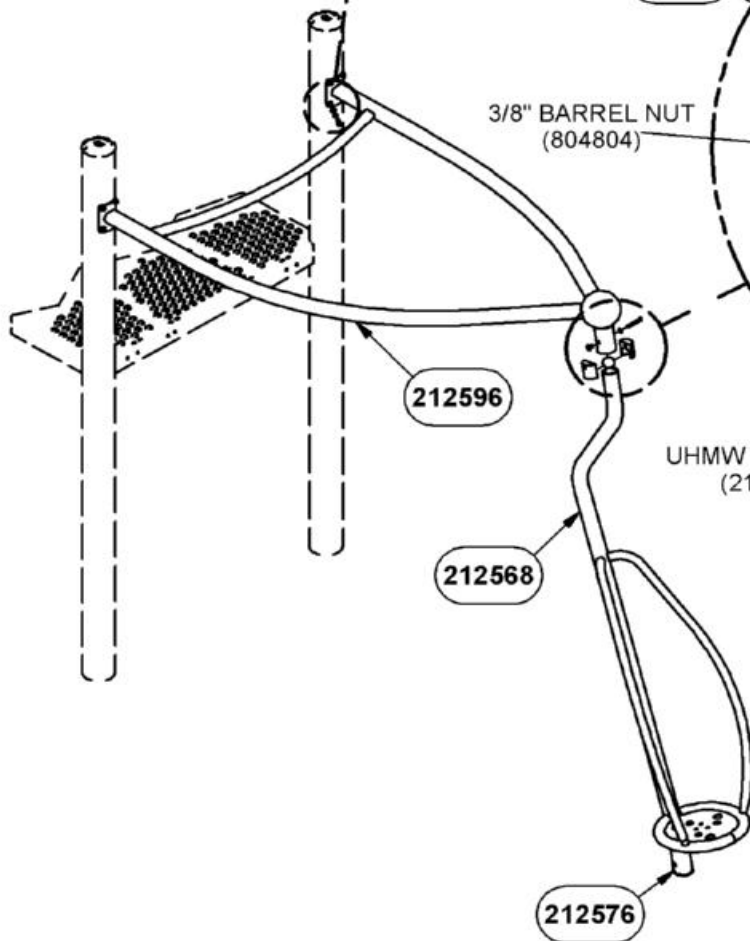
FOOTING DETAIL



STEP 1
8 PLACES



STEP 2
2 PLACES



DETAIL VIEW
90840 SHOWN
OTHERS SIMILAR

Parts List			
DESCRIPTION	90840	B90840	PART NUMBER
SPINNER WELD ASSEMBLY	1	1	212568
HUB FRAME WELD ASSEMBLY	1	1	212596
FOOTBUCK WELD ASSEMBLY	1	1	212576
HARDWARE COMPLETE	1	1	212616
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	8	8	812051*
3/8" x 2 3/4" P.B.H.C.S. w/PATCH	2	2	812058*
3/8" BARREL NUT	2	2	804804*
3/8" FLAT WASHER	8	8	817410*
3/8" LOCK WASHER	10	10	817334*
UHMW HALF CUP	4	4	212587*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

PowerScape®

GameTime®

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 09/11/20

91139 ENTRYWAY



91146
2'-6"
OR
BELOW

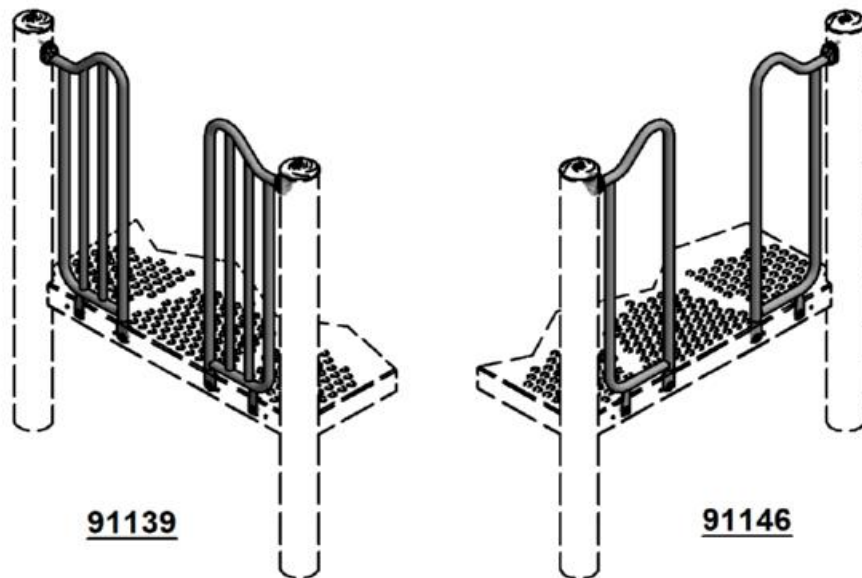


91139



91146
4'-0"
OR
BELOW

BARRIER 91139
GUARDRAIL 91146



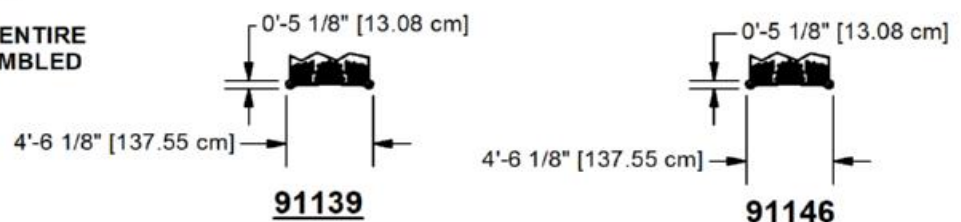
91139

91146

ASSEMBLY VIEWS

INSTALLATION INSTRUCTIONS

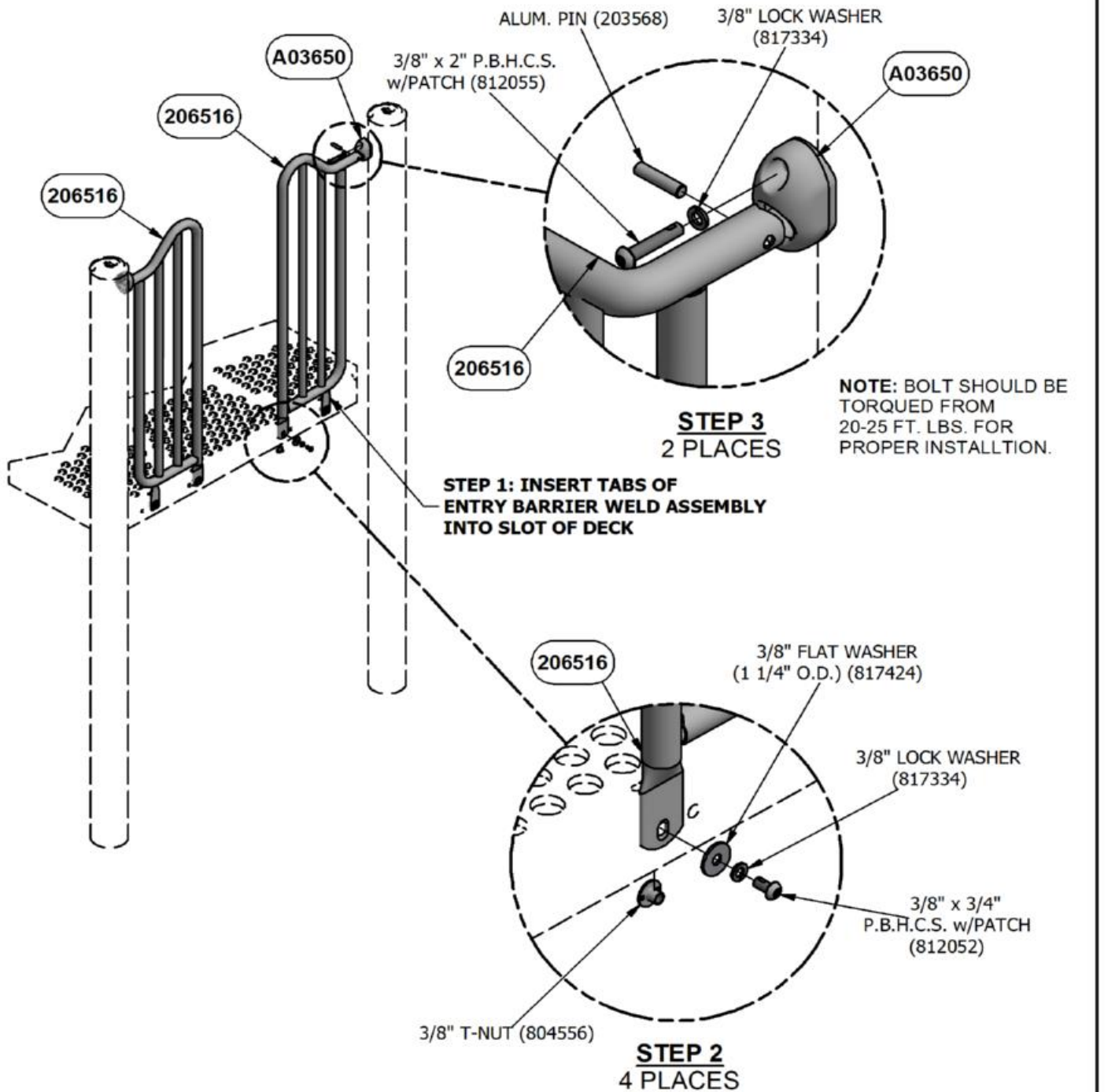
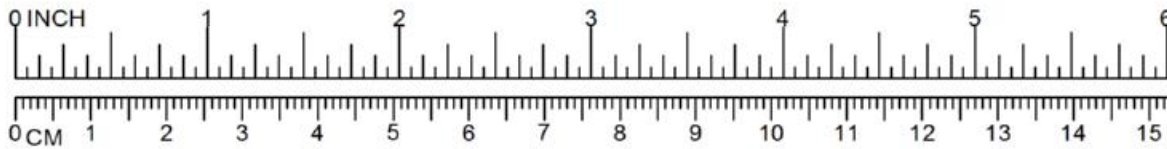
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



91139

91146

TOP VIEWS



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

PAGE 2

Parts List			
DESCRIPTION	91139	91146	PART NUMBER
ENTRY BARRIER	2	0	206516
GUARDRAIL ENTRY	0	2	206002
TRU-LOC	2	2	A03650
HARDWARE COMPLETE	1	1	206587
ALUM. PIN	2	2	203568*
3/8" FLAT WASHER (1 1/4" O.D.)	4	4	817424*
3/8" LOCK WASHER	6	6	817334*
3/8" x 3/4" P.B.H.C.S. w/PATCH	4	4	812052*
3/8" T-NUT	4	4	804556*
3/8" x 2" P.B.H.C.S. w/PATCH	2	2	812055*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

PowerScape®



GameTime®

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 10/18/13

91140 HIGH POINT ENTRYWAY

-  = INSTALLATION
 = PARTS LIST
 REFERENCE



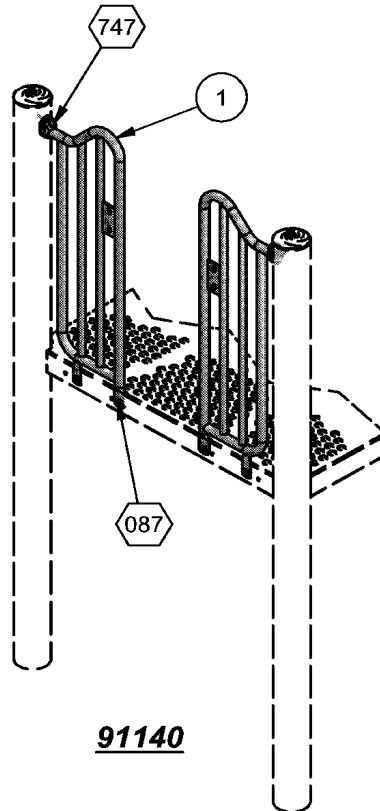
91144
2'-6"
OR
BELOW



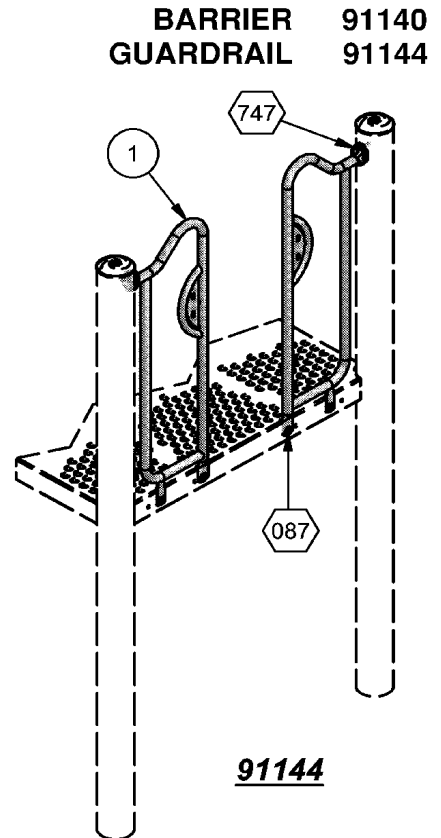
91140



91144
4'-0"
OR
BELOW



91140

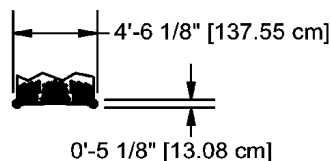


91144

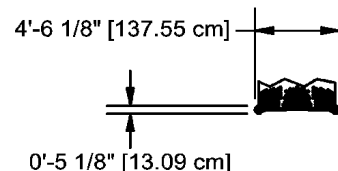
ASSEMBLY VIEWS

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



91140



91144

TOP VIEWS

Parts List				
ITEM	DESCRIPTION	91140	91144	PART NUMBER
1	ENTRY BARRIER	2	0	206550
1	ENTRY GUARDRAIL	0	2	206563
	TRU-LOC	2	2	A03650
	HARDWARE COMPLETE	1	1	206587
	ALUM. PIN	2	2	203568*
	3/8" LOCKWASHER	6	6	817334*
	3/8" x 2" P.B.H.C.S. w/PATCH	2	2	812055*
	3/8" x 3/4" P.B.H.C.S. w/PATCH	4	4	812052*
	3/8" FLAT WASHER (1 1/4" O.D.)	4	4	817424*
	3/8" T-NUT	4	4	804556*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

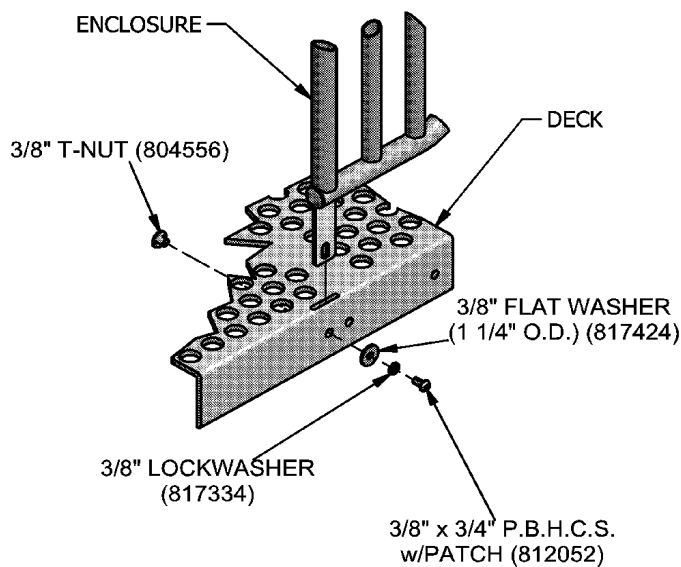
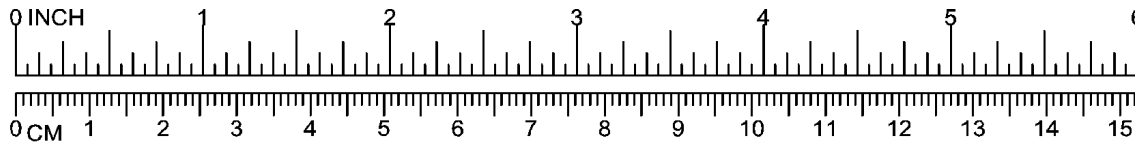
DETAILS -for- 91140 AND 91144

IMPORTANT

To Reduce the Risk of Clothing Entanglement in Compliance with ASTM F1487, Any Bolt End Protruding More Than Two Full Threads Beyond the Face of the Nut Shall Be Cut-Off Flush, Filed Smooth and Treated to Prevent Corrosion.

NOTE: LOCTITE (Supplied by Others) Should Be Used on All Threaded Hardware.

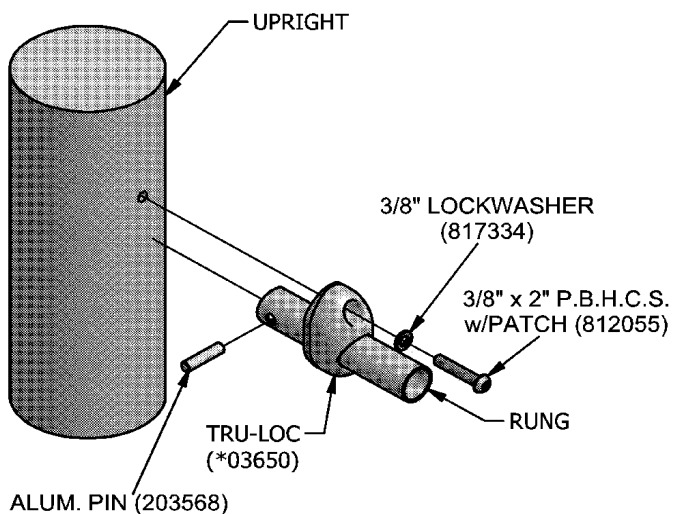
NOTE: After Assembly is Complete, Peen Tee-Nuts and Flatwashers to Match Radius of Pipe.



(* = A OR Z)

***NOTE:**
BOLT SHOULD BE
TORQUED FROM
20-25 FT. LBS. FOR
PROPER INSTALLTION.

087



747

PAGE 3

PowerScape®

GameTime®



A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 1/9/2017

91377

SENSORY WAVE CLIMBER UP & ON LINK

-  = INSTALLATION
 = DETAIL
 = PARTS LIST
 = REFERENCE

3'-0" - 3'-6"	91377
4'-0" - 4'-6"	91378
5'-0" - 5'-6"	91379
6'-0"	91380

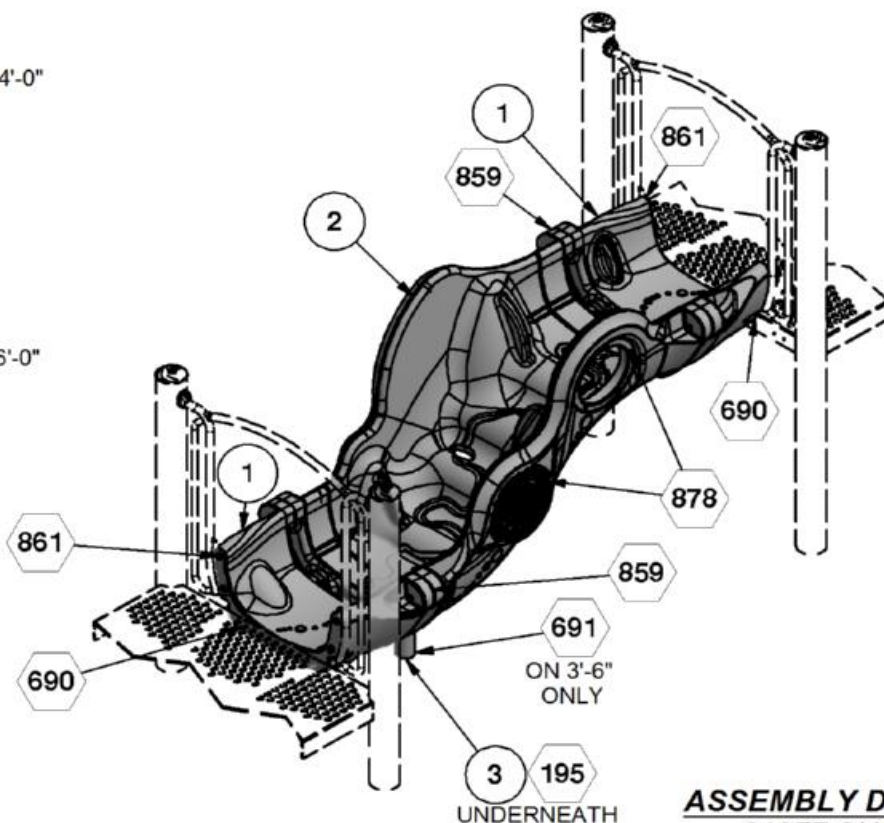
SENSORY WAVE CLIMBER UP & ON LINK BRONZE	4668
SENSORY WAVE CLIMBER UP & ON LINK SILVER	4669
SENSORY WAVE CLIMBER UP & ON LINK GOLD	4670



UP TO 4'-0"



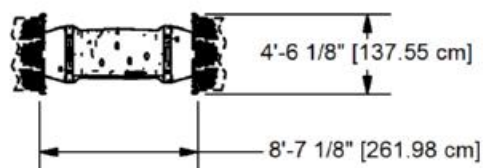
UP TO 6'-0"



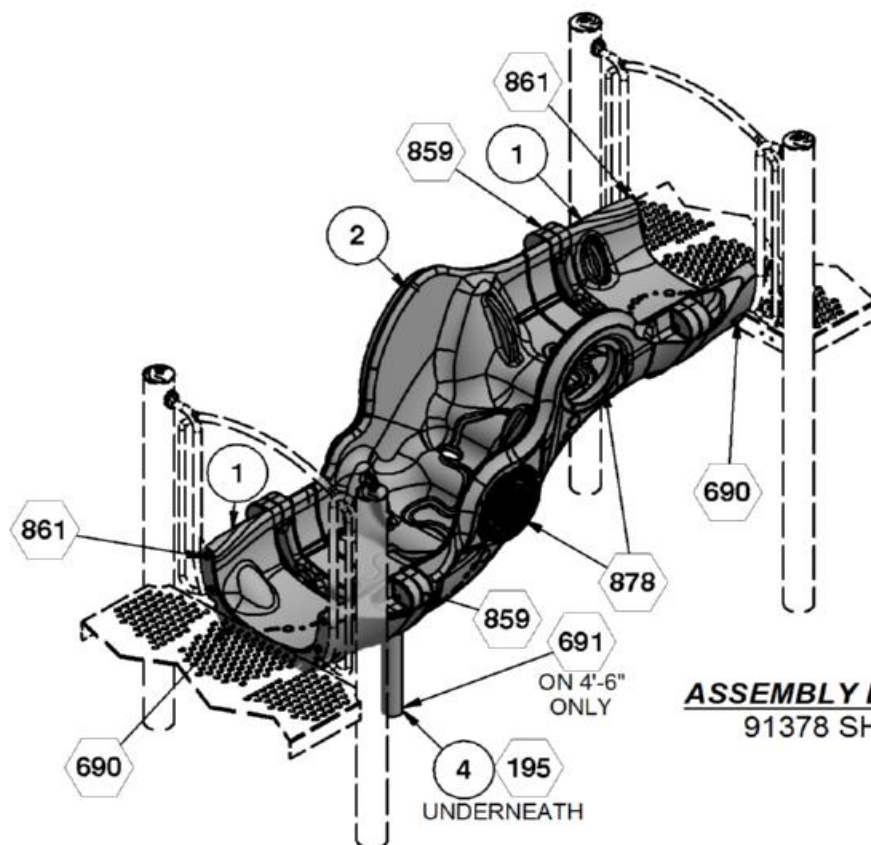
ASSEMBLY DRAWING
91377 SHOWN

INSTALLATION INSTRUCTIONS

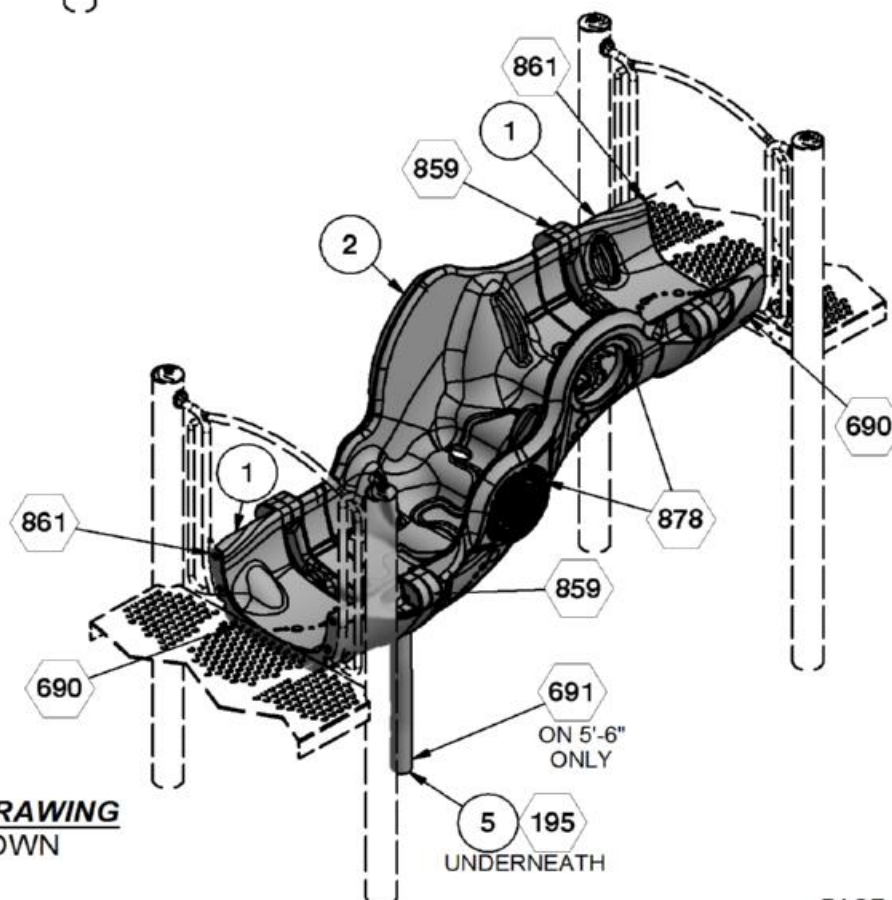
1. Before assembling this equipment, read the enclosed INSTALLATION INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



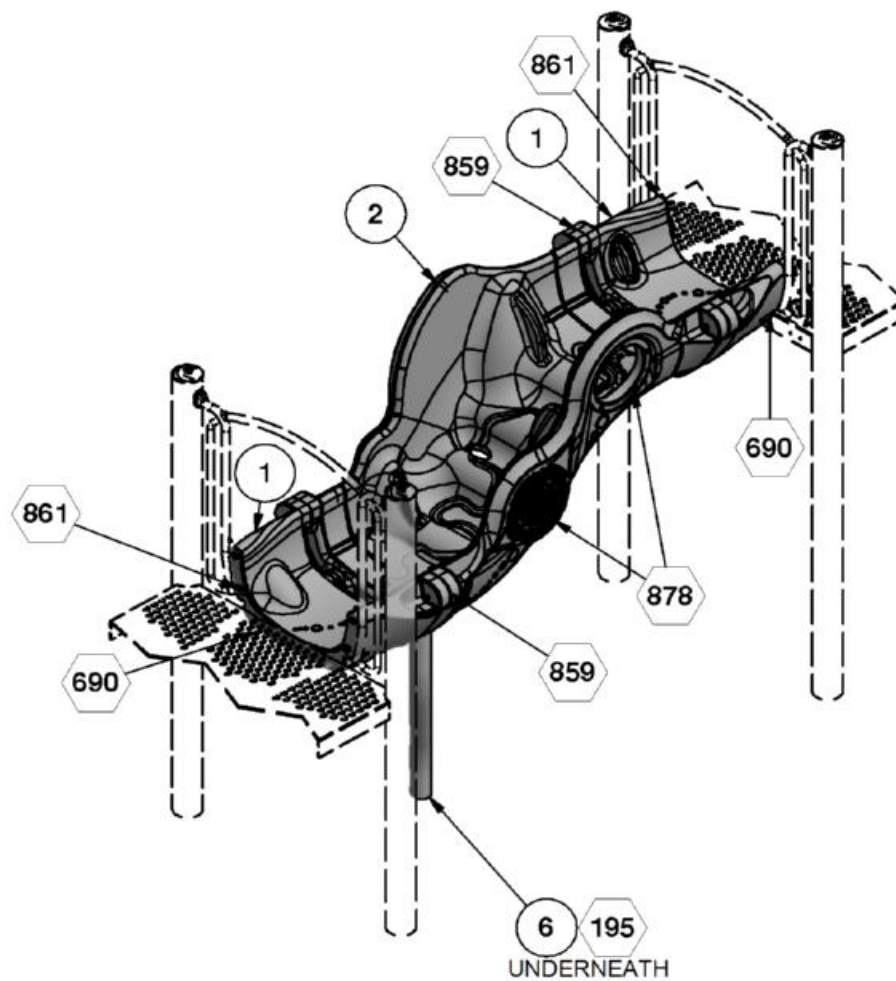
TOP VIEW



ASSEMBLY DRAWING
91378 SHOWN



ASSEMBLY DRAWING
91379 SHOWN



ASSEMBLY DRAWING
91380 SHOWN

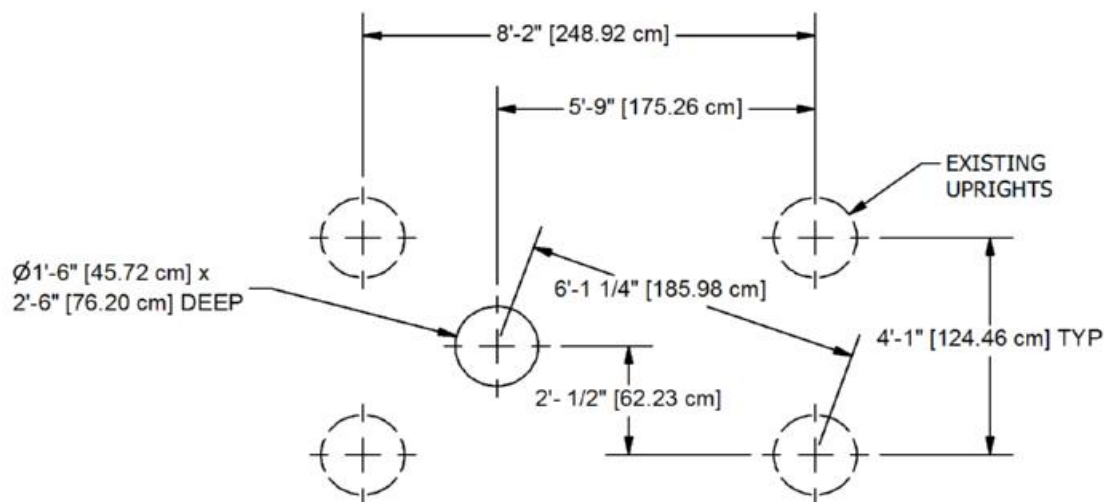
Parts List						
REF.	DESCRIPTION	91377	91378	91379	91380	PART NUMBER
1	WAVE DECK COUPLER	2	2	2	2	211614
2	WAVE ARCH	1	1	1	1	211610
3	FOOTBUCK WELD ASS'Y	1	0	0	0	211712
4	FOOTBUCK WELD ASS'Y	0	1	0	0	211823
5	FOOTBUCK WELD ASS'Y	0	0	1	0	211779
6	FOOTBUCK WELD ASS'Y	0	0	0	1	211826
	HARDWARE COMPLETE	1	1	1	0	211946
	HARDWARE COMPLETE	0	0	0	1	211947
	3/8" x 3/4" P.B.H.C.S. w/PATCH	2	2	2	2	812052*
	3/8" x 1 3/4" P.B.H.C.S. w/PATCH	12	12	12	12	812054*
	3/8" x 4" HEX HEAD BOLT	1	1	1	0	801015*
	3/8" x 5" P.B.H.C.S. w/PATCH	8	8	8	8	812078*
	3/8" FLAT WASHER	3	3	3	0	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	20	20	20	20	817424*
	3/8" BARREL NUT	8	8	8	8	804804*
	3/8" LOCKWASHER	22	22	22	22	817334*
	3/8" HEX NUT	1	1	1	0	804053*
	EXTENSION PIPE	1	1	1	0	211801*
	DOMED PLUG	18	18	18	18	818379*

Unless Otherwise Specified, All Units of Measure are Each
 * Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

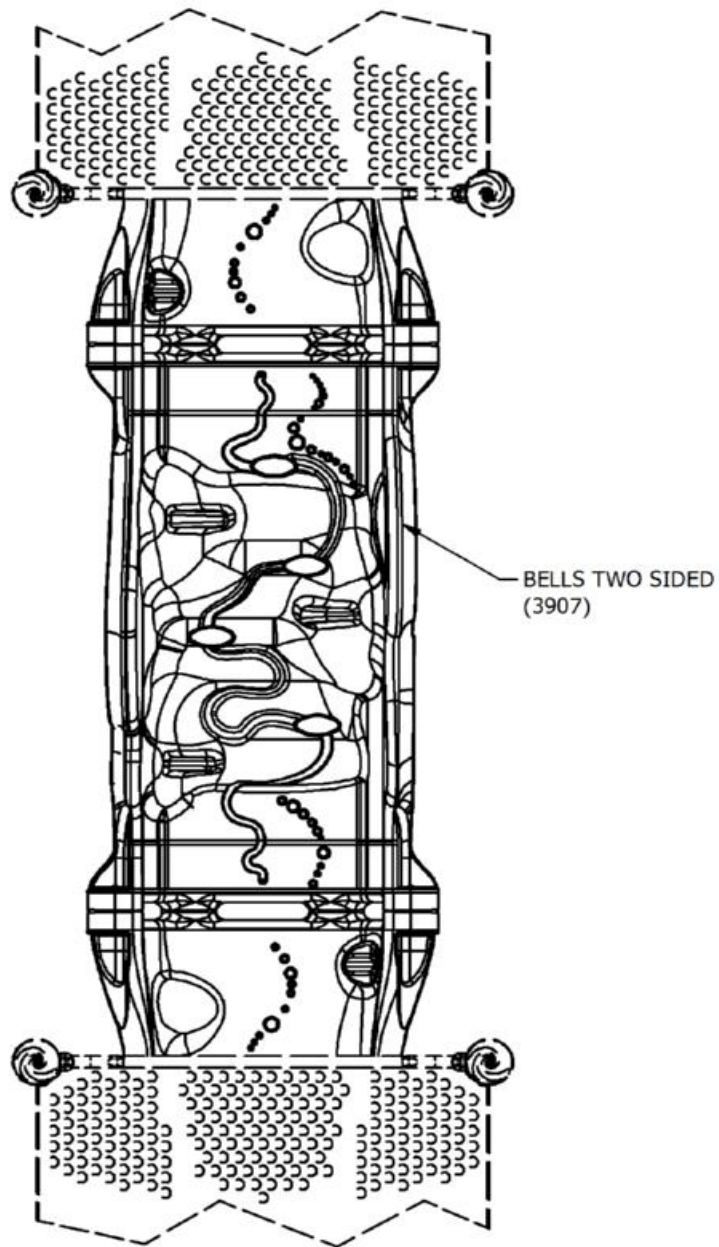
Note: Loctite (supplied by others) should be used on any non-patch hardware.



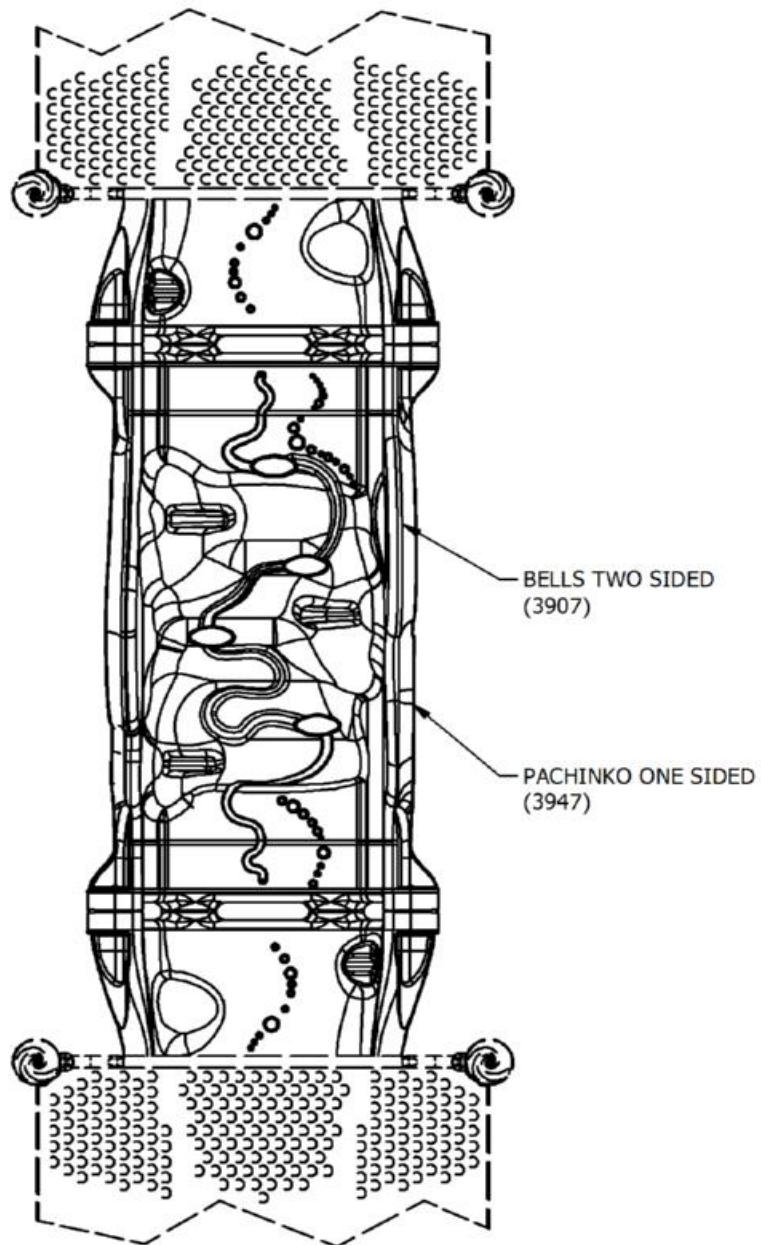
NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE DETAIL 032. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE

CONCRETE REQUIRED:
 .10 CUBIC YARDS
 [.08 CUBIC METERS]

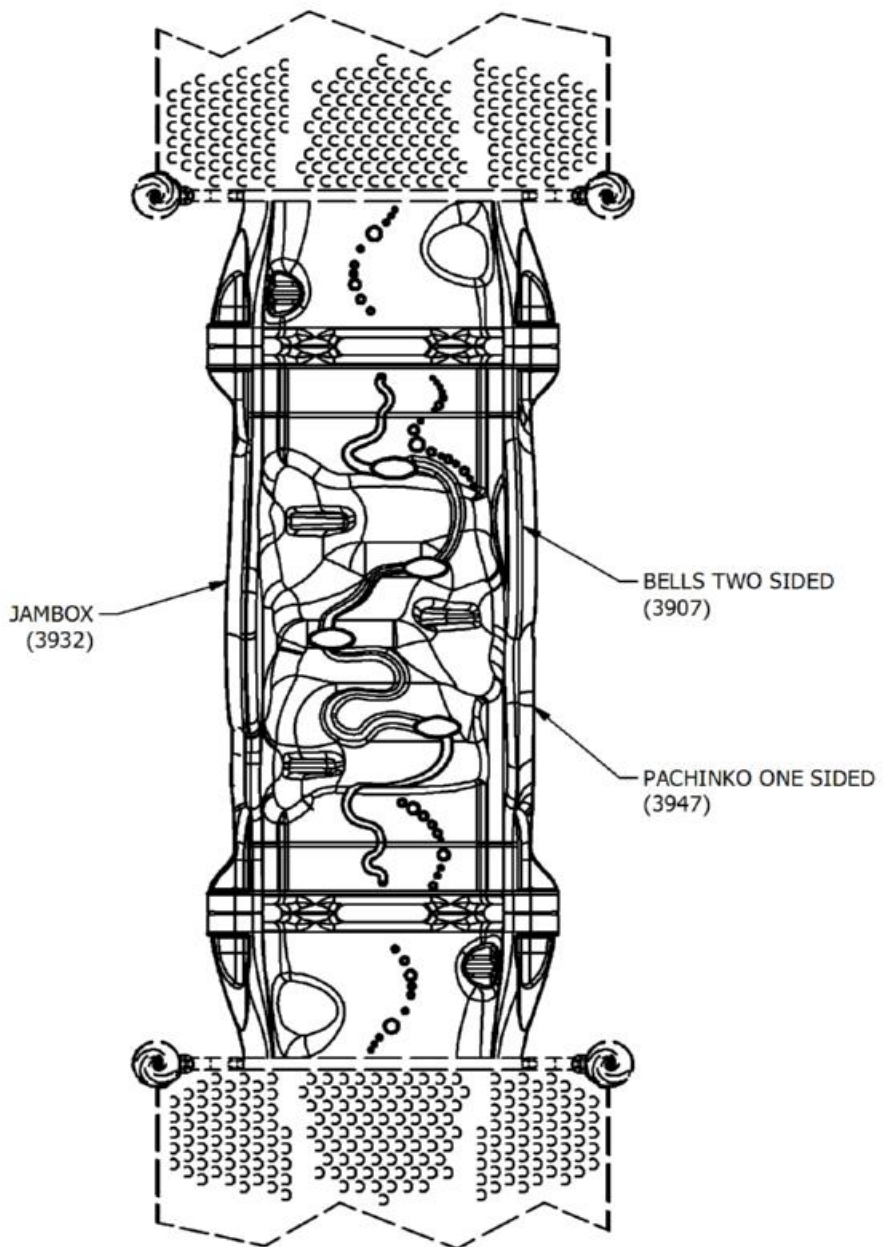
GROUND PLAN



BRONZE PACKAGE SHOWN
4668



SILVER PACKAGE SHOWN
4669



GOLD PACKAGE SHOWN
4670

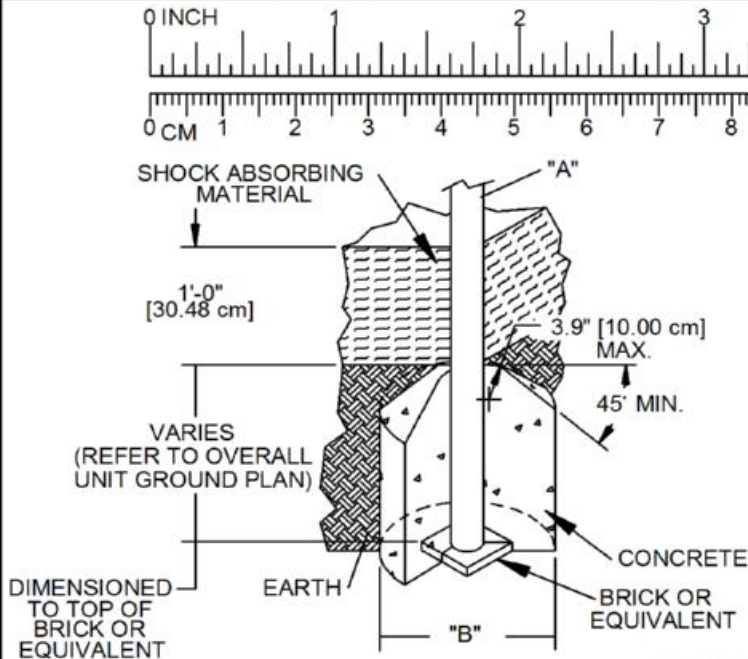
DETAILS -for- 91377 THRU 91380

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END
PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED
SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



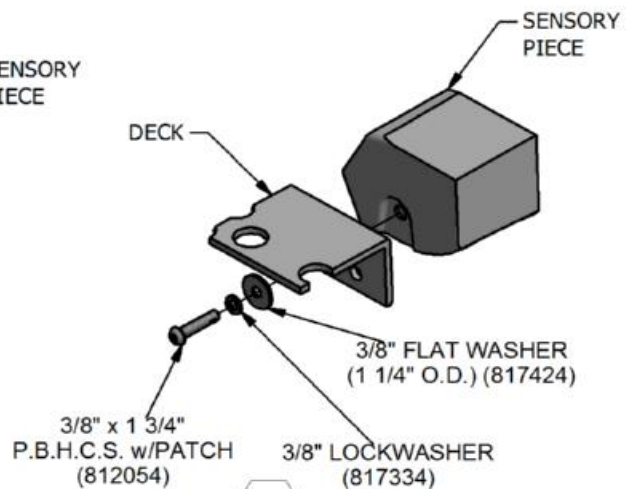
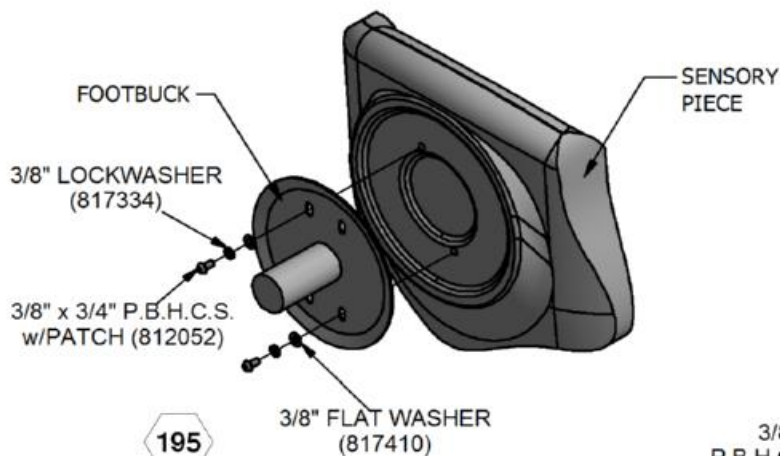
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]
TRACK RIDE & SWINGS	
5" [12.70 cm]	2'-0" [60.96 cm]
TREE SCAPE	
5" [12.70 cm]	4'-0" [121.92 cm]

NOTES:

- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

032

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



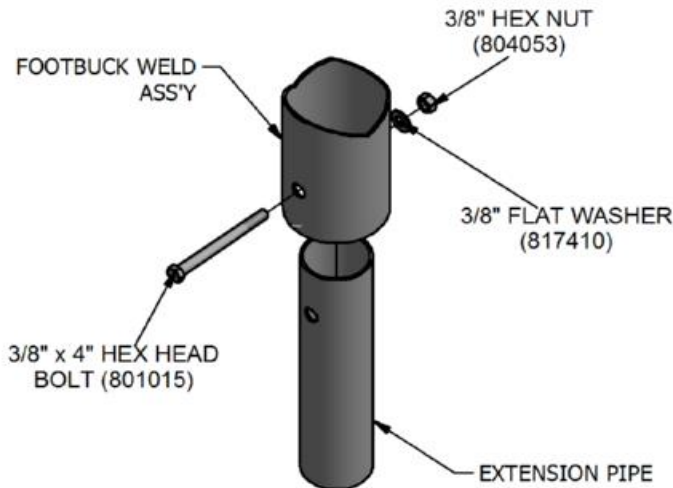
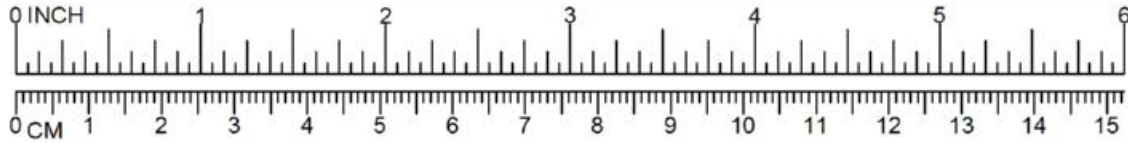
DETAILS -for- 91377 THRU 91380

IMPORTANT

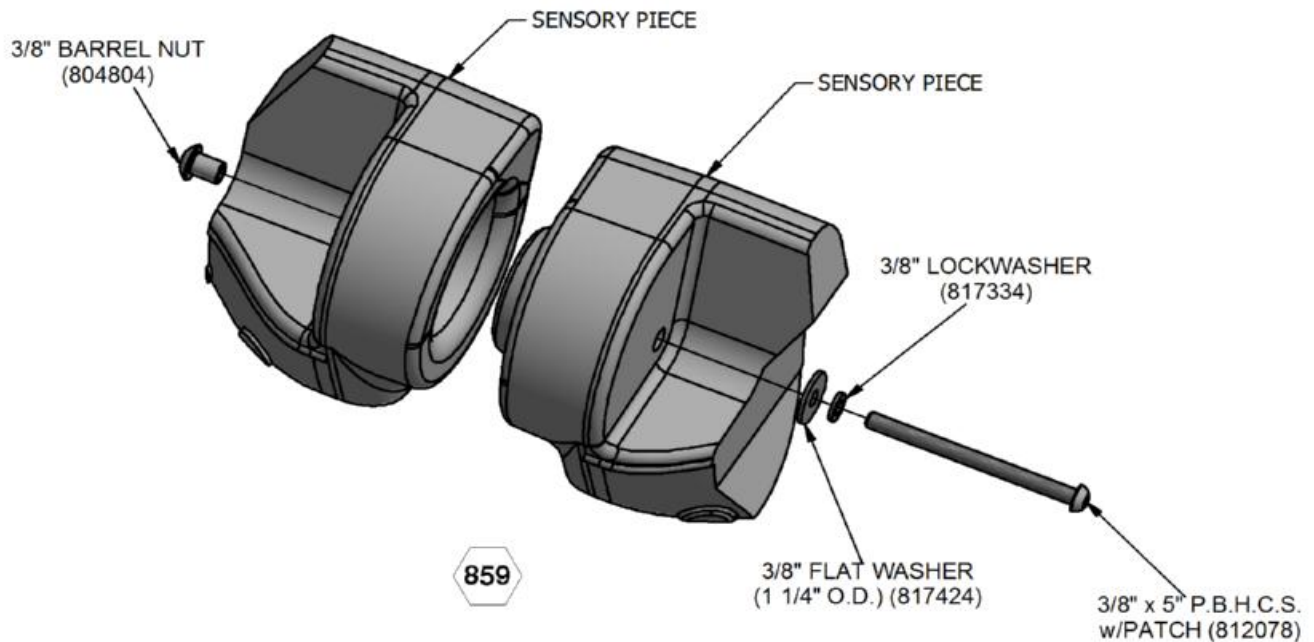
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END
PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED
SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



691



859

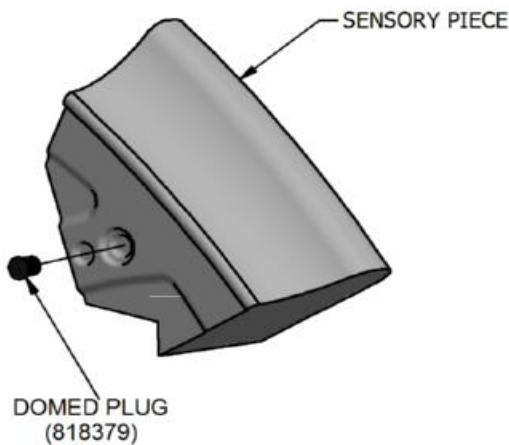
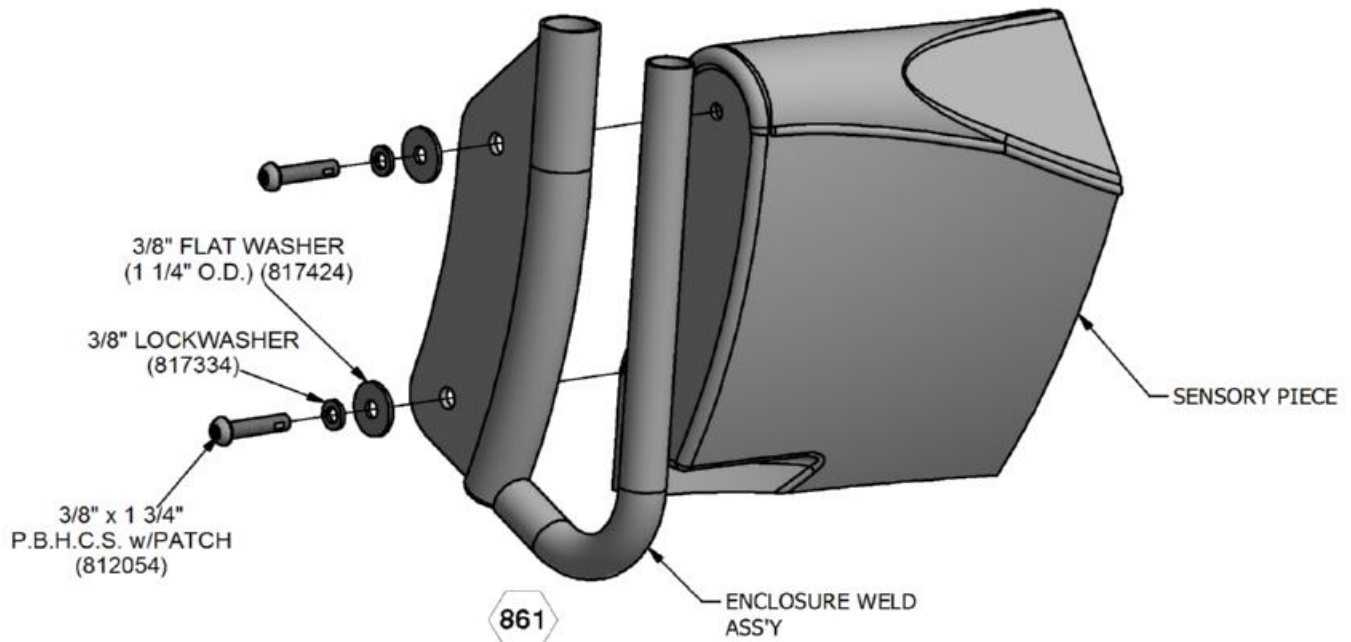
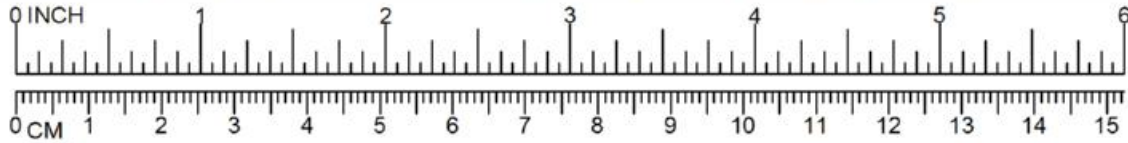
DETAILS -for- 91377 THRU 91380

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END
PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED
SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



878



A PLAYCORE Company
1-800-235-2440

3904

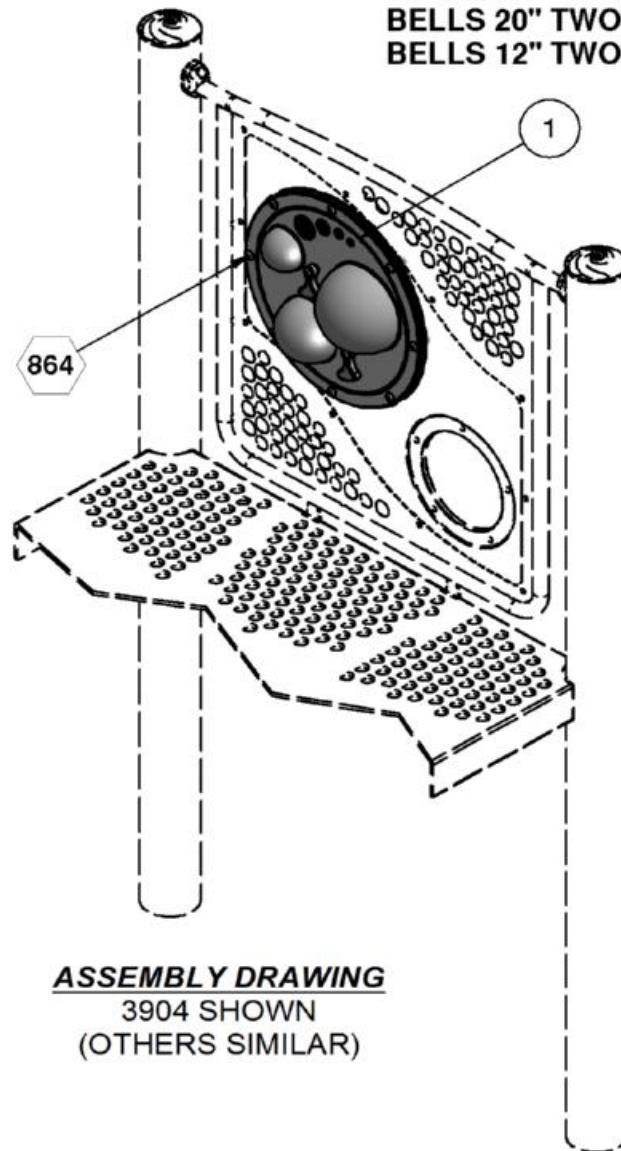
BELLS

ISSUED/REVISED: 1/9/2017

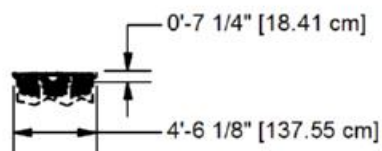
- ⬡ = INSTALLATION
DETAIL
○ = PARTS LIST
REFERENCE



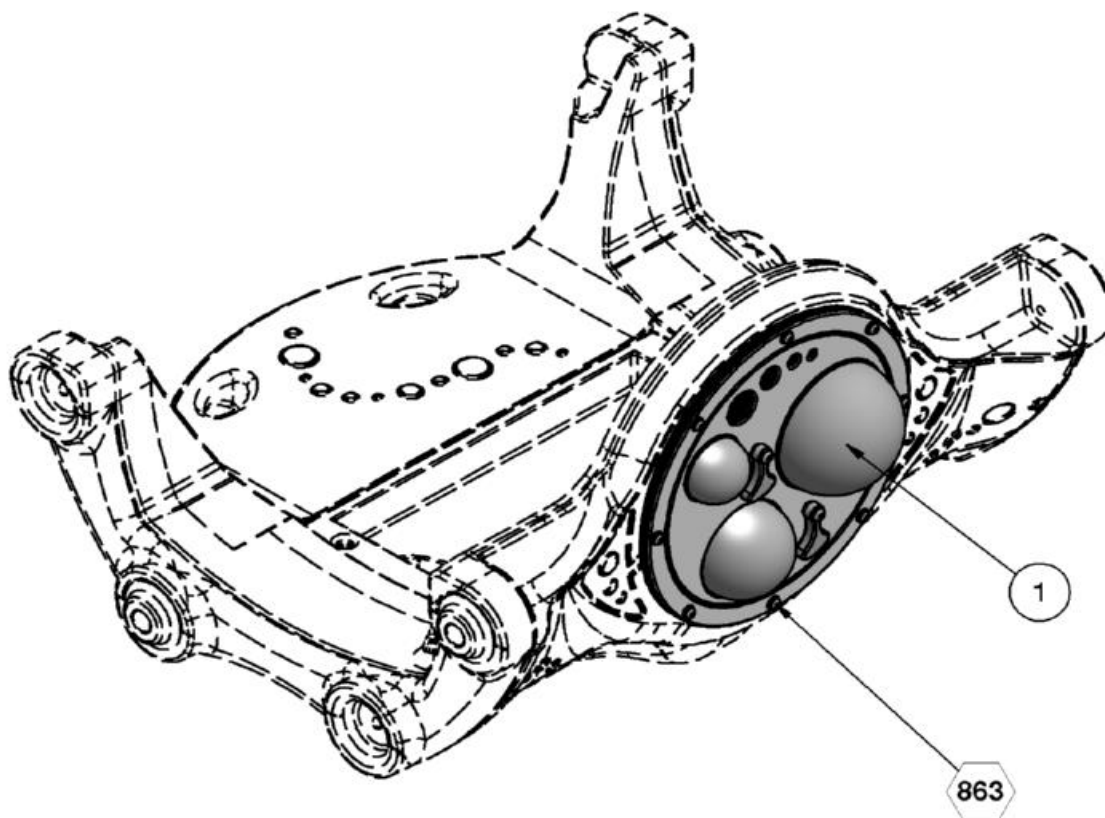
BELLS 20" ONE SIDED	3904
BELLS 12" ONE SIDED	3905
BELLS 20" TWO SIDED	3906
BELLS 12" TWO SIDED	3907



ASSEMBLY DRAWING
3904 SHOWN
(OTHERS SIMILAR)



TOP VIEW



3904 ROTOMOLD APPLICATION

Parts List						
REF.	DESCRIPTION	3904	3905	3906	3907	PART NUMBER
1	20" BELL ASS'Y ONE SIDED	1	0	0	0	212168
2	12" BELL ONE SIDED	0	1	0	0	212186
3	20" BELL TWO SIDED	0	0	1	0	212183
4	12" BELL TWO SIDED	0	0	0	1	212188
	HARDWARE COMPLETE	1	0	1	0	212190
	HARDWARE COMPLETE	0	1	0	1	212191
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	8	5	8	5	812051*
	3/8" BARREL NUT	8	5	8	5	804804*
	3/8" FLAT WASHER	8	5	8	5	817410*
	3/8" LOCKWASHER	8	5	8	5	817334*

Unless Otherwise Specified, All Units of Measure are Each
 * Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.

INSTALLATION INSTRUCTIONS

NOTE: THIS INSTALLATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

NOTE: Assembly and leveling time will be greatly reduced if a transit is used to set location and depth of ground holes.

NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions.

STEP 1: Attach Bells 3904, 3905, 3906 and 3907 per detail 864. When used on rotomold application, attach Bells 3904 and 3905 per detail 863.

SPECIFICATIONS

BELL: Bells shall be all weld assemblies fabricated from formed 11 Ga. Steel, 1-5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing, and purchases machined stainless steel insert. The Bell weld assemblies shall be coated in TGIC polyester powder coating as specified herein.

BELL PANEL: The bell panel shall be fabricated from 3/4" high density polyethylene.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

POWDER COAT FINISH: Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a six stage bath system with an iron phosphate wash, as a rust inhibitor, and a sealer to prevent flash rusting before coating. The coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: 3.0 - 5.0 mil thickness and oven cured between 375 to 425 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794- 69), Wedge Bend (ASTM D-522-68),

SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- ☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- ☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ☐ Equipment should be placed to eliminate conflicting traffic patterns.
- ☐ To reduce risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off, filed smooth and treated to prevent corrosion. Sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ☐ Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- ☐ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- ☐ GameTime® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- ☐ Never add components not intended for use with this product.
- ☐ Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- ☐ Proper maintenance of GameTime® equipment requires regular tightening of all bolts, nuts, and set screws.
- ☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.
- ☐ Regular checking of all parts, castings, etc. should be made. If a part is broken or worn it should be replaced immediately.
- ☐ Never use GAMETIME playground equipment around or in conjunction with swimming pools, ponds, lakes or any other bodies of water.
- ☐ Check to be sure all fittings are tight and that the bars and pipes do not move.
- ☐ A soft resilient surface should be placed under all swings, extending at least six feet beyond the farthest arc of the swing seat both front and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

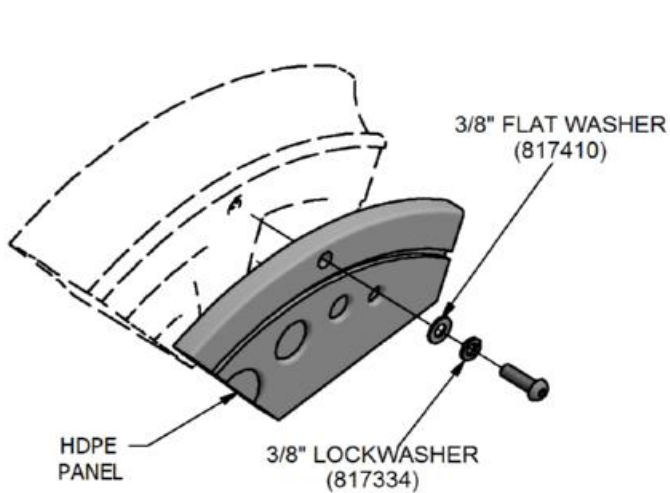
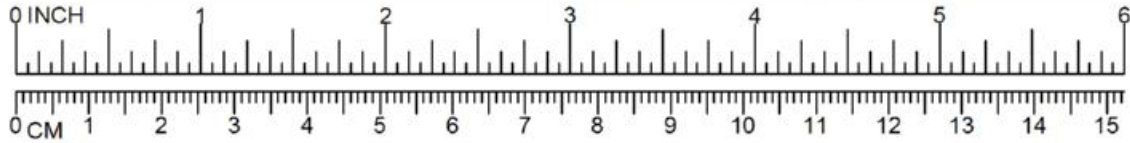
DETAILS -for- 3904, 3905, 3906 & 3907

IMPORTANT

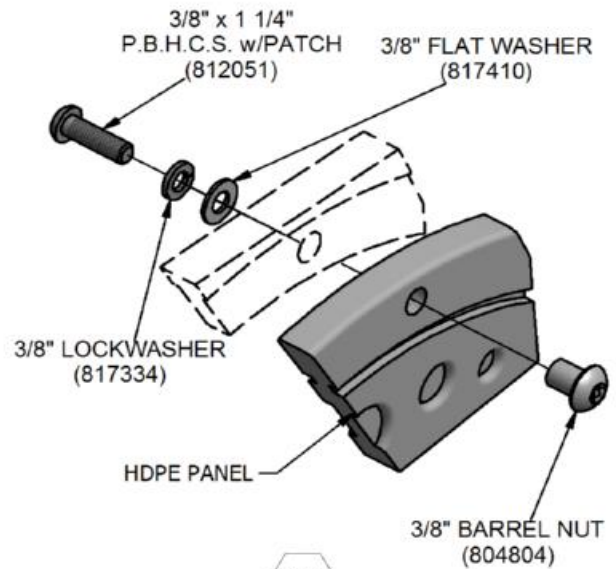
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END
PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED
SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



863



864



A PLAYCORE Company
1-800-235-2440

3932

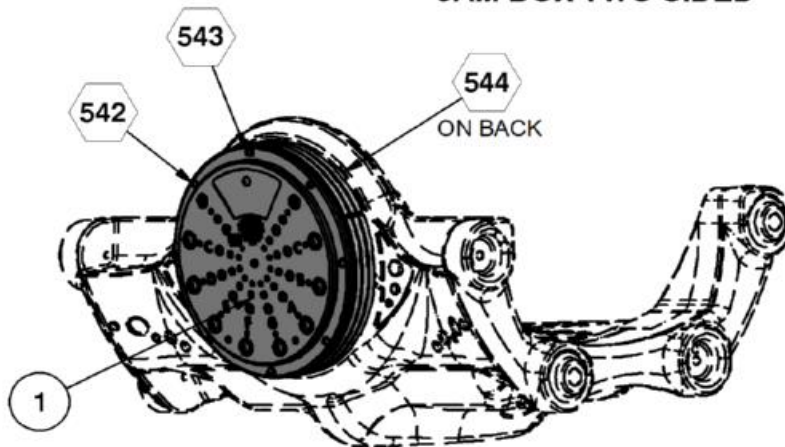
JAM BOX

ISSUED/REVISED: 1/9/2017

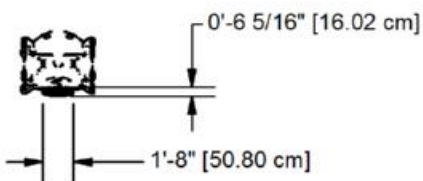
- ⬡ = INSTALLATION
DETAIL
○ = PARTS LIST
REFERENCE



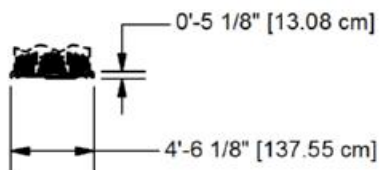
JAM BOX 3932
JAM BOX TWO SIDED 3933



ASSEMBLY DRAWING
3932 SHOWN

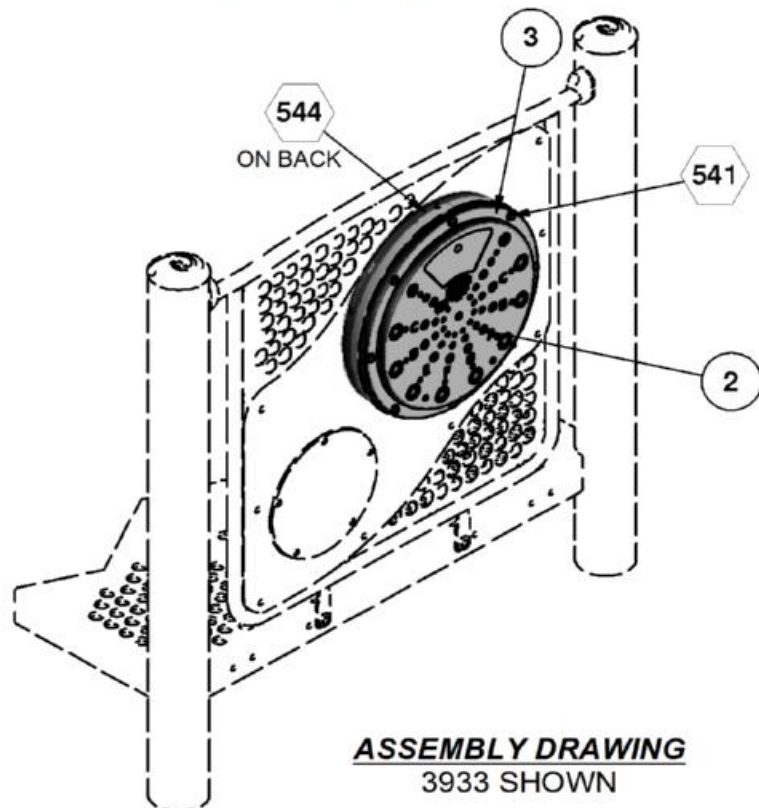


3932



3933

TOP VIEW



ASSEMBLY DRAWING
3933 SHOWN



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- ☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- ☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ☐ Equipment should be placed to eliminate conflicting traffic patterns.
- ☐ To reduce risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off, filed smooth and treated to prevent corrosion. Sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ☐ Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- ☐ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- ☐ GameTime® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- ☐ Never add components not intended for use with this product.
- ☐ Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- ☐ Proper maintenance of GameTime® equipment requires regular tightening of all bolts, nuts, and set screws.
- ☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.
- ☐ Regular checking of all parts, castings, etc. should be made. If a part is broken or worn it should be replaced immediately.
- ☐ Never use GAMETIME playground equipment around or in conjunction with swimming pools, ponds, lakes or any other bodies of water.
- ☐ Check to be sure all fittings are tight and that the bars and pipes do not move.
- ☐ A soft resilient surface should be placed under all swings, extending at least six feet beyond the farthest arc of the swing seat both front and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

Parts List				
REF	DESCRIPTION	3932	3933	PART NUMBER
1	JAM BOX ONE SIDED	1	0	212428
2	JAM BOX TWO SIDED	0	1	212417
3	SPACER	6	0	212416
	HARDWARE COMPLETE	1	0	212436
	HARDWARE COMPLETE	0	1	212437
	3/8" x 2 1/4" P.B.H.C.S. w/PATCH	0	4	812056*
	3/8" x 2 3/4" P.B.H.C.S. w/PATCH	0	4	812058*
	3/8" x 3" P.B.H.C.S. w/PATCH	4	0	812059*
	3/8" x 3 3/4" P.B.H.C.S. w/PATCH	4	0	812076*
	3/8" LOCKWASHER	8	8	817334*
	3/8" FLAT WASHER	8	8	817410*
	3/8" T-NUT	4	0	804556*
	3/8" BARREL NUT	0	8	804804*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

INSTALLATION INSTRUCTIONS

NOTE: THIS INSTALLATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

NOTE: Assembly and leveling time will be greatly reduced if a transit is used to set location and depth of ground holes.

NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions

STEP 1. Batteries supplied by others should be installed in water tight housing as per detail 544.

STEP 2. Jam Box 3933 panel shall be attached to mounting surface as per detail 541.

STEP 3. Jam Box 3932 panel shall be attached to HDPE Spacer rings per detail 542.

STEP 4. Jam Box 3932 should then be attached to mounting surface as per detail 543.

SPECIFICATIONS

JAM BOX PANEL: The Jam Box panels shall be fabricated from 3/4" high density polyethylene with electronic components contained within water tight low density polyethylene housing.

HDPE SPACER RINGS: The HDPE spacer rings shall be fabricated from 3/4" high density polyethylene

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

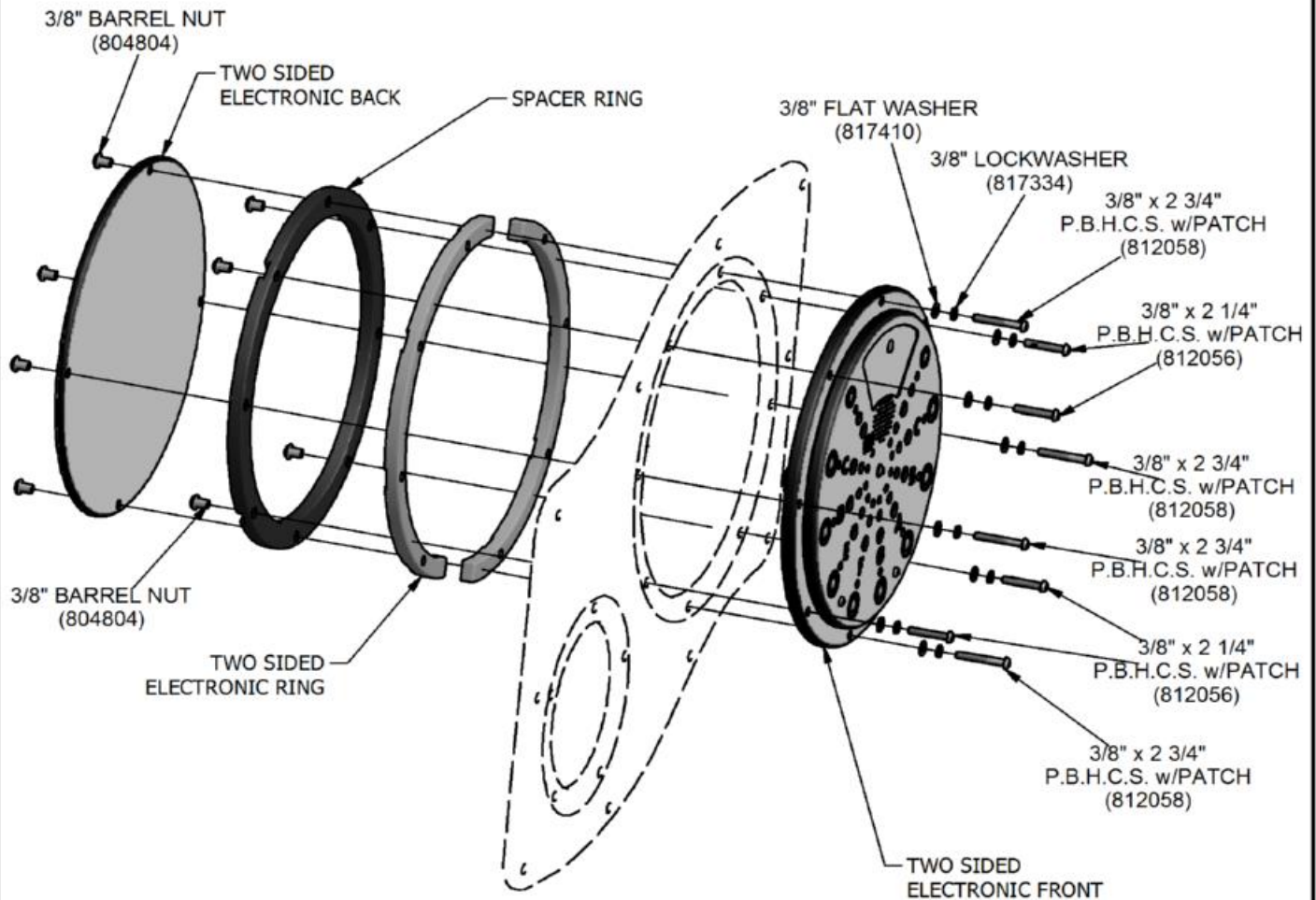
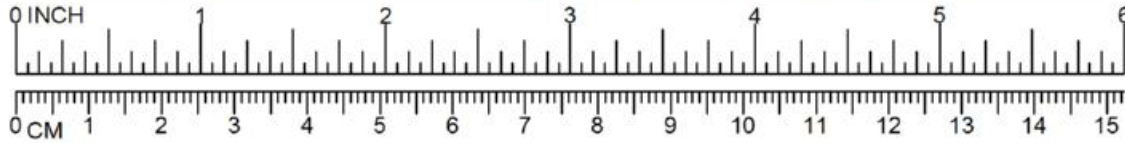
DETAILS -for- 3932 AND 3933

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END
PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED
SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



541

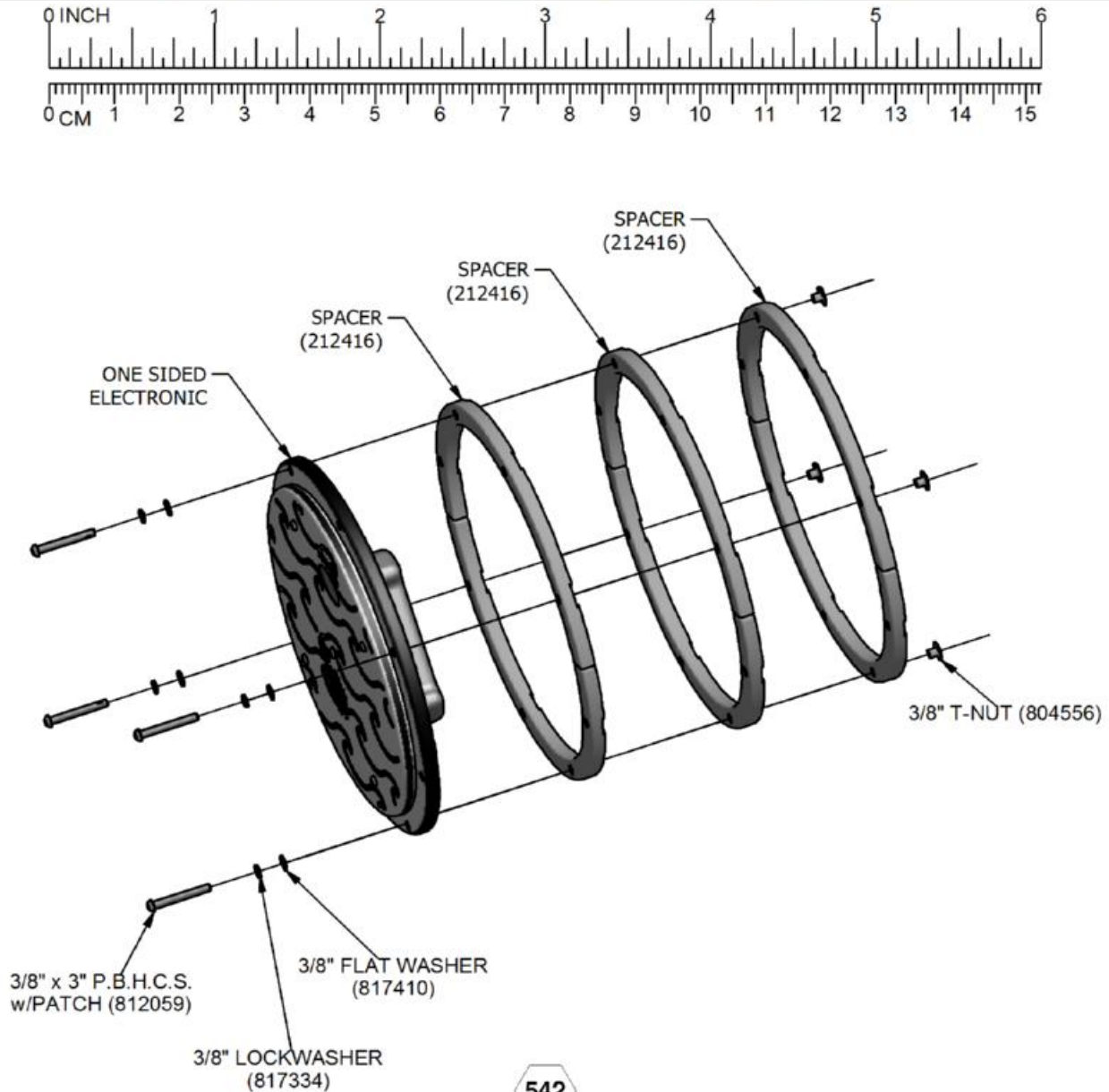
DETAILS -for- 3932 AND 3933

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END
PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED
SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



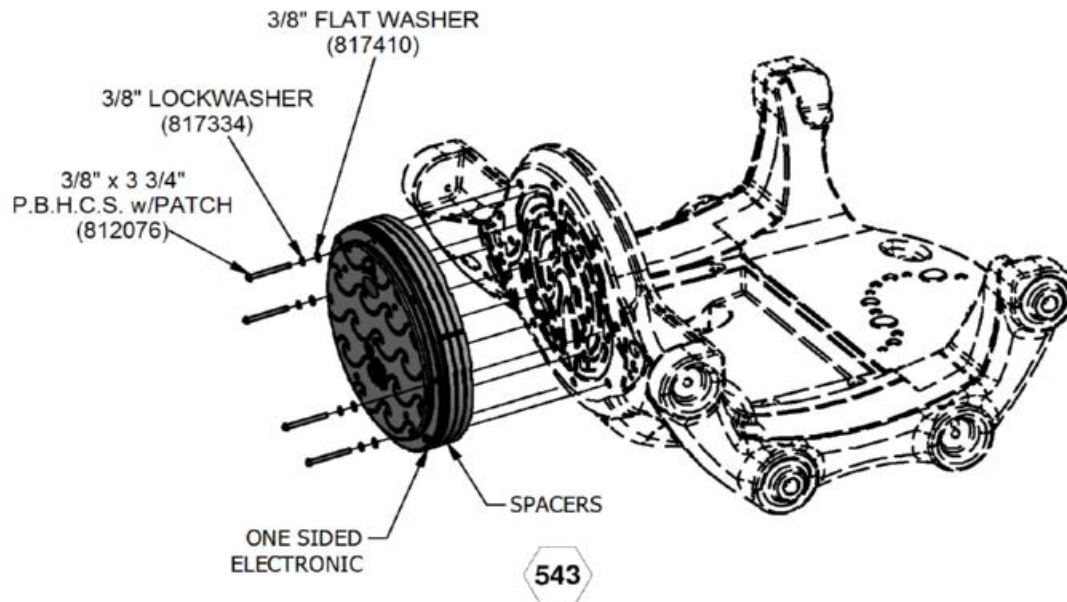
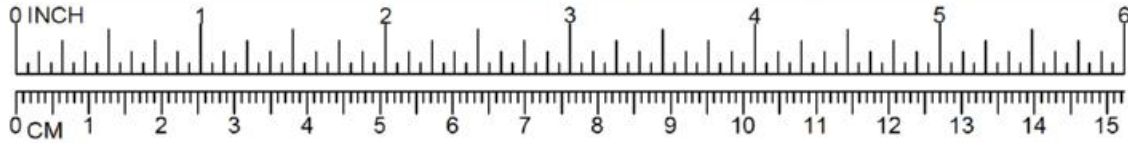
DETAILS -for- 3932 AND 3933

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

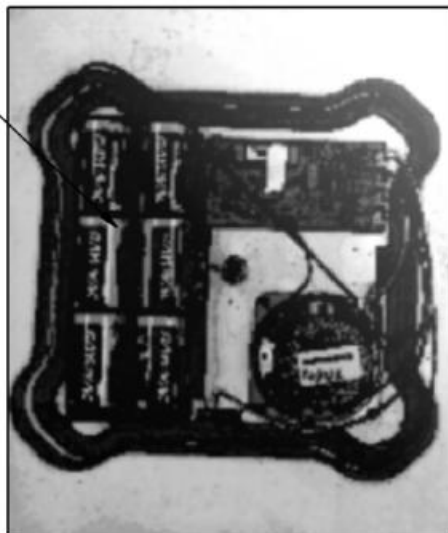
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



543

BATTERY REPLACEMENT
(6) D-CELL BATTERIES



TO REPLACE
BATTERIES OR
ADJUST VOLUME
REMOVE BACK OF
BOX WITH TOLL
PROVIDED.

PLEASE CONSIDER OUR ENVIROMENT
WHEN DISPOSING OF WASTE BATTERIES.
OLD BATTERIES SHOULD BE SENT TO A
LICENSED RECYCLING FACILITY FOR
PROPER PROCESSING.

544



A PLAYCORE Company
1-800-235-2440

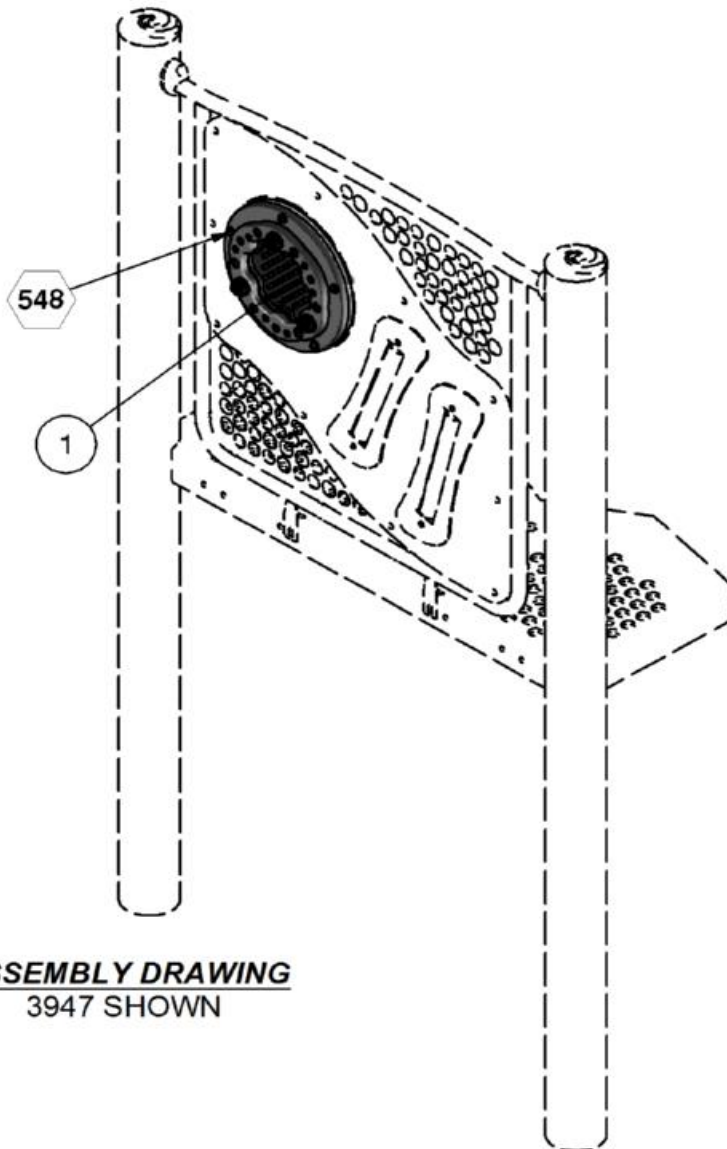
3947

PACHINKO

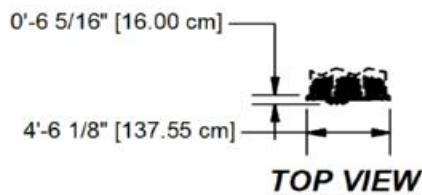
ISSUED/REVISED: 1/9/2017

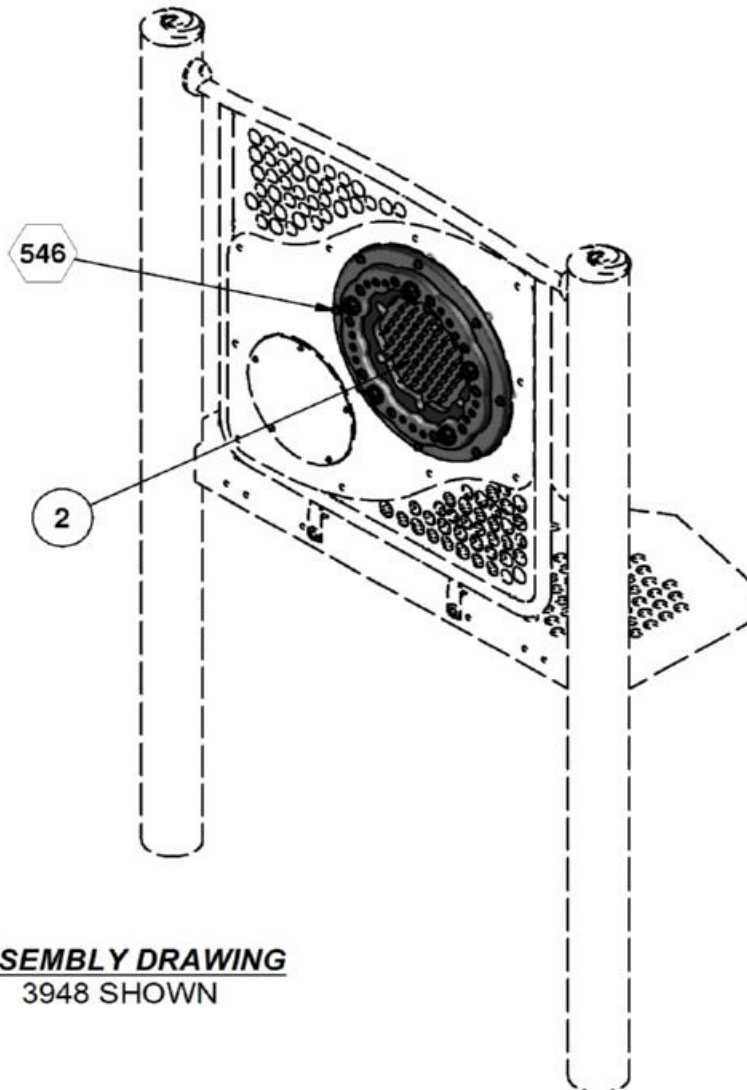
- ⬡ = INSTALLATION
DETAIL
○ = PARTS LIST
REFERENCE

12" ONE SIDED	3947
20" TWO SIDED	3948
20" ONE SIDED	3949

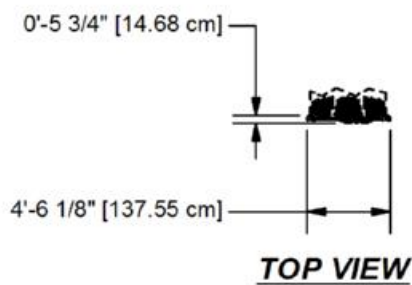


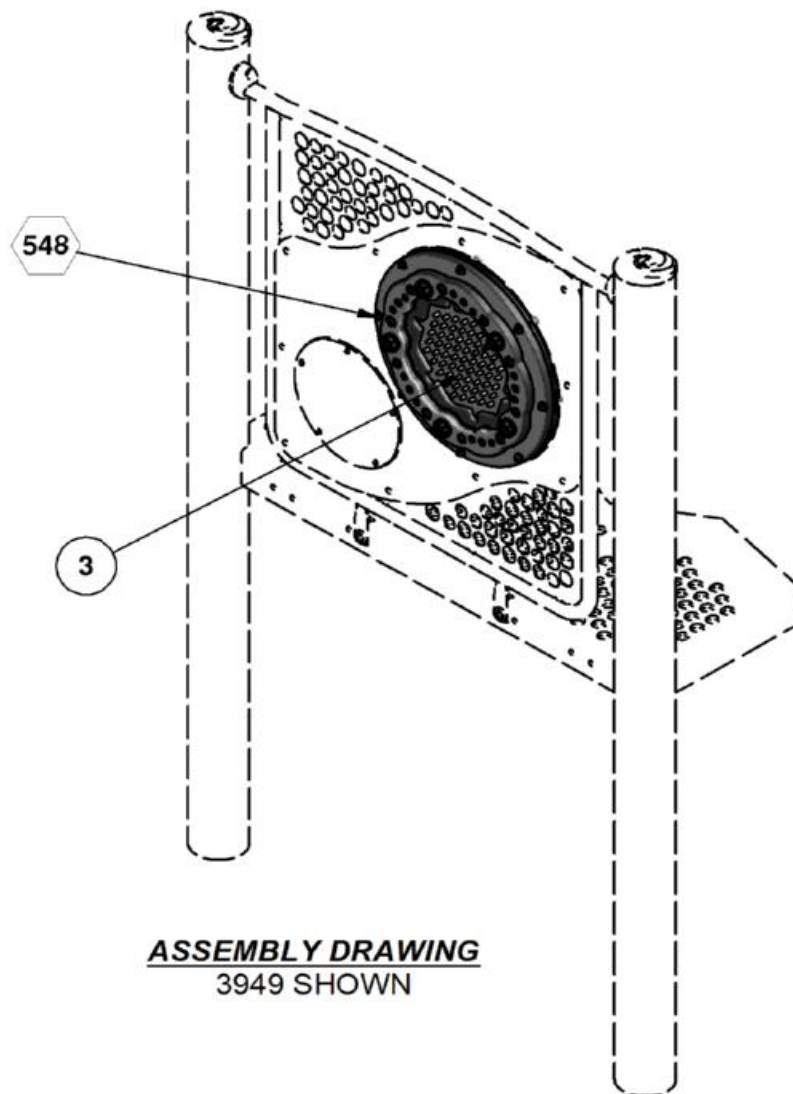
ASSEMBLY DRAWING
3947 SHOWN



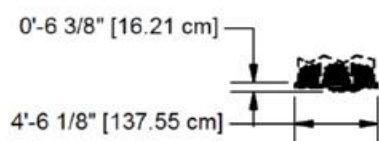


ASSEMBLY DRAWING
3948 SHOWN





ASSEMBLY DRAWING
3949 SHOWN



TOP VIEW

Parts List					
REF.	DESCRIPTION	3947	3948	3949	PART NUMBER
1	12" PACHINKO PANEL ONE SIDED	1	0	0	212476
2	20" PACHINKO PANEL TWO SIDED	0	1	0	212477
3	20" PACHINKO PANEL ONE SIDED	0	0	1	212478
	HARDWARE COMPLETE	1	0	0	212479
	HARDWARE COMPLETE	0	1	0	212475
	HARDWARE COMPLETE	0	0	1	212472
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	0	8	0	812051*
	3/8" x 1 3/4" P.B.H.C.S. w/PATCH	5	0	8	812054*
	3/8" BARREL NUT	5	8	8	804804*
	3/8" FLAT WASHER	5	8	8	817410*
	3/8" LOCKWASHER	5	8	8	817334*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

INSTALLATION INSTRUCTIONS

NOTE: THIS INSTALLATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S FILE FOR FUTURE REFERENCE.

NOTE: Do not overtighten bolts. To overtighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

NOTE: Assembly and leveling time will be greatly reduced if a transit is used to set location and depth of ground holes.

NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions

STEP 1: Attach Pachinko 3947 & 3949 per detail 548.

STEP 2: Attach Pachinko 3948 per detail 546.

SPECIFICATIONS

PACHINKO: The Pachinko shall be fabricated from 1/2" high density polyethylene, nylon spacers, and 3/16" thick UV inhibitive acrylic with 10mm nylon ball.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- ☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- ☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ☐ Equipment should be placed to eliminate conflicting traffic patterns.
- ☐ To reduce risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off, filed smooth and treated to prevent corrosion. Sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ☐ Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- ☐ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- ☐ GameTime® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- ☐ Never add components not intended for use with this product.
- ☐ Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- ☐ Proper maintenance of GameTime® equipment requires regular tightening of all bolts, nuts, and set screws.
- ☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.
- ☐ Regular checking of all parts, castings, etc. should be made. If a part is broken or worn it should be replaced immediately.
- ☐ Never use GAMETIME playground equipment around or in conjunction with swimming pools, ponds, lakes or any other bodies of water.
- ☐ Check to be sure all fittings are tight and that the bars and pipes do not move.
- ☐ A soft resilient surface should be placed under all swings, extending at least six feet beyond the farthest arc of the swing seat both front and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

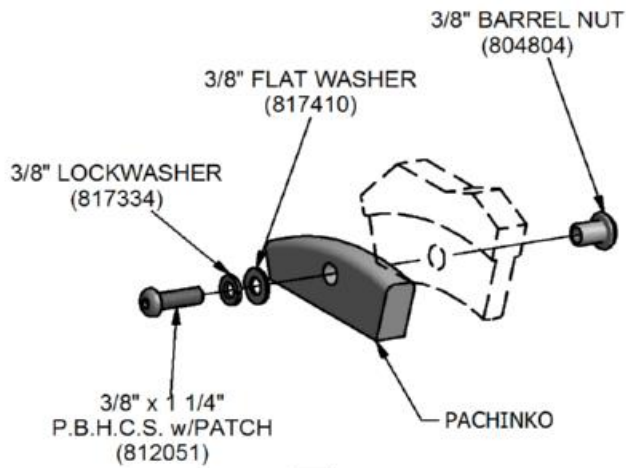
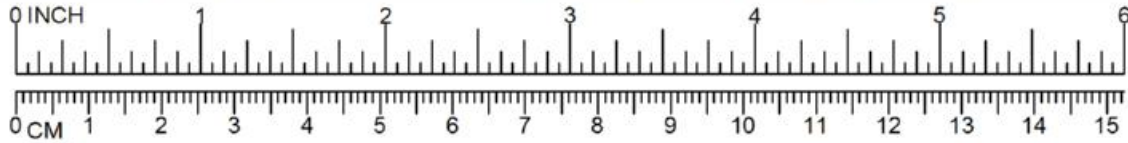
DETAILS -for- 3947, 3948 & 3949

IMPORTANT

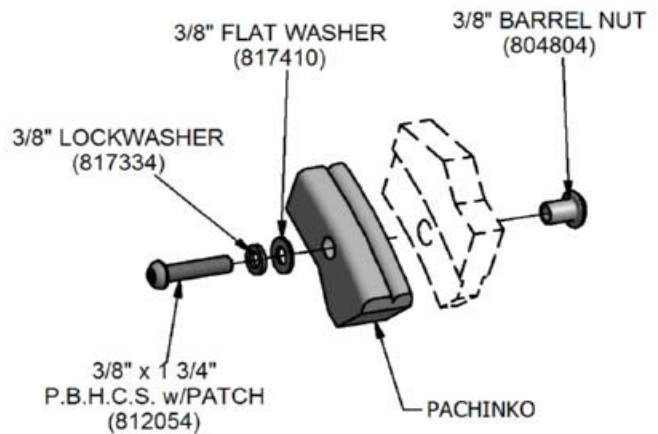
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END
PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED
SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



546



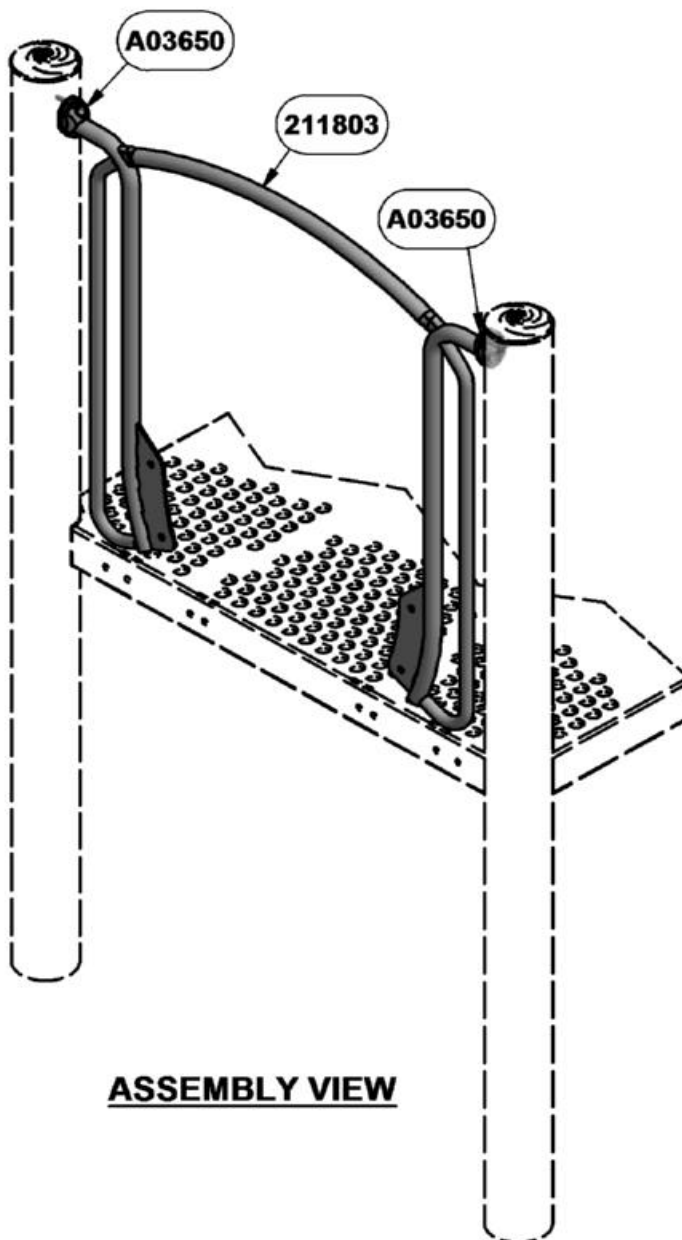
548

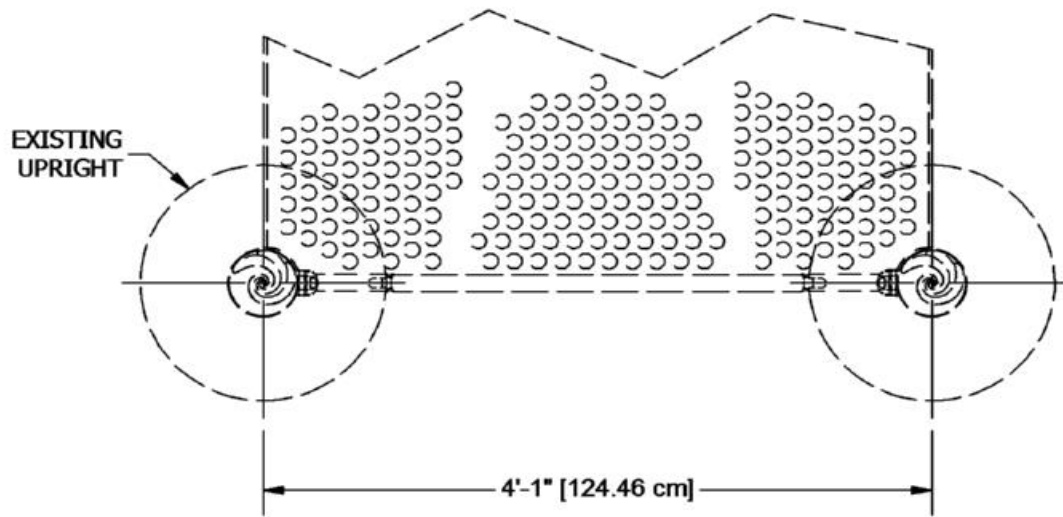
SENSORY WAVE ENTRYWAY



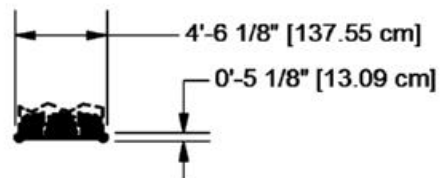
INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**

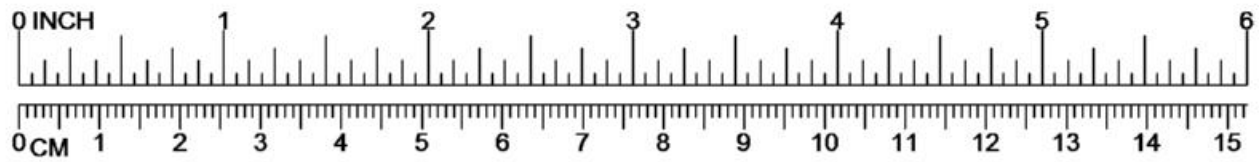




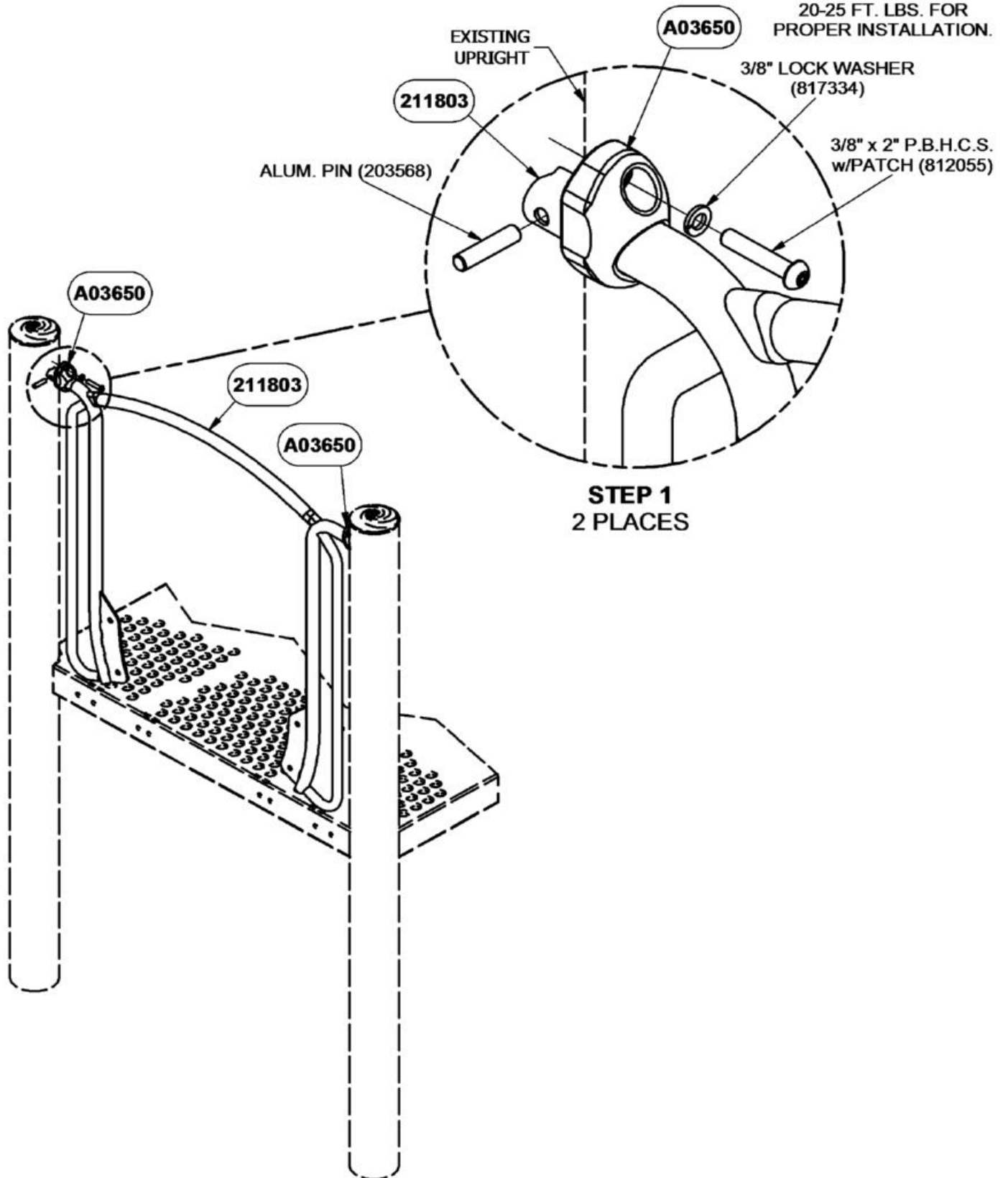
PLAN VIEW



TOP VIEW



NOTE: BOLT SHOULD BE
TORQUED FROM
20-25 FT. LBS. FOR
PROPER INSTALLATION.



STEP 1
2 PLACES

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
ENCLOSURE WELD ASSEMBLY	1	211803
TRU-LOC	2	A03650
HARDWARE COMPLETE	1	212412
3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
3/8" LOCK WASHER	2	817334*
ALUM. PIN	2	203568*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

PowerScape®

91499



A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 11/9/2020

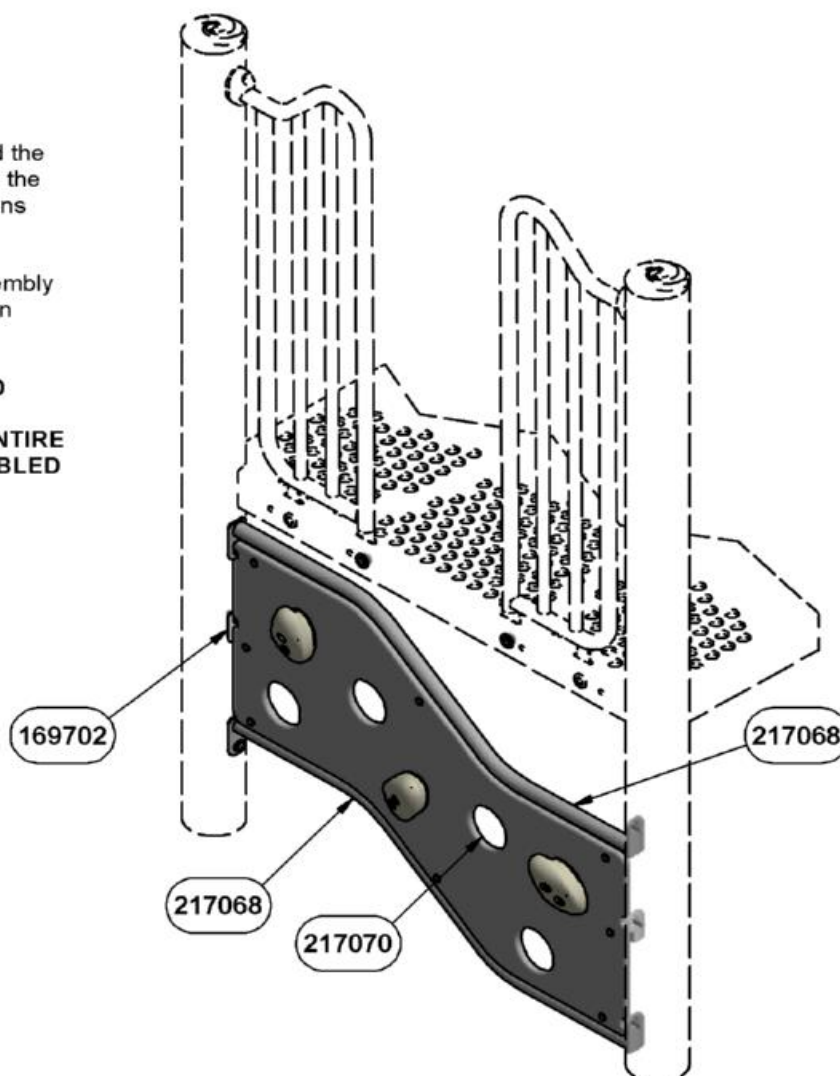
OLYMPUS CLIMBER



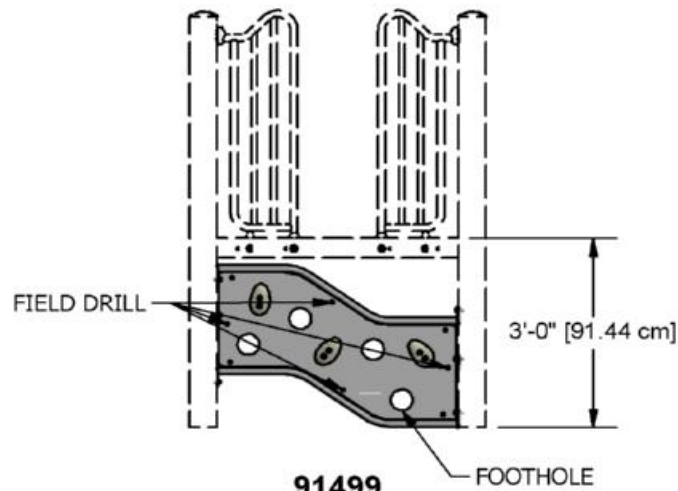
3'-0", 3'-6", 4'-0"	91499
5'-0", 5'-6", 6'-0"	91500
7'-0", 7'-6", 8'-0"	91501

INSTALLATION INSTRUCTIONS

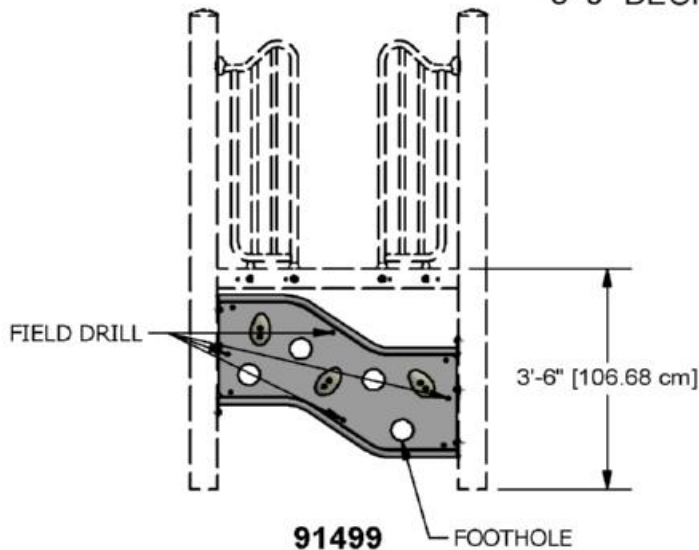
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



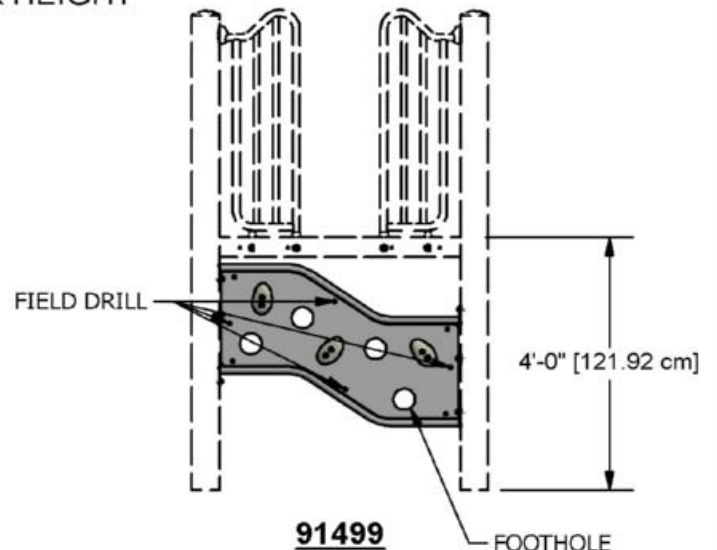
ASSEMBLY DRAWING
91499 SHOWN



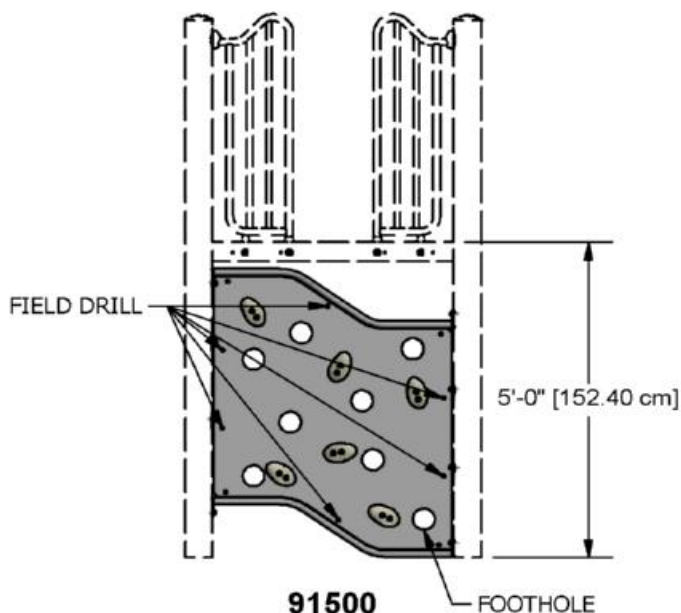
91499
3'-0" DECK HEIGHT



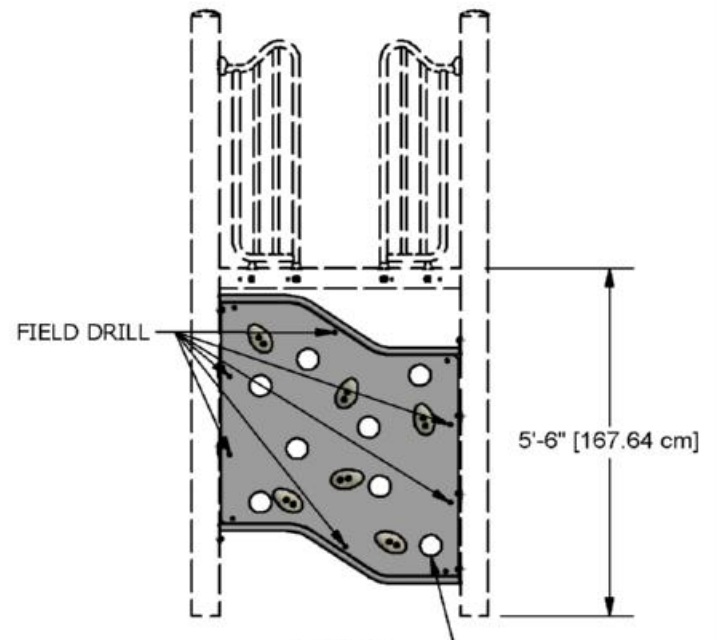
91499
3'-6" DECK HEIGHT



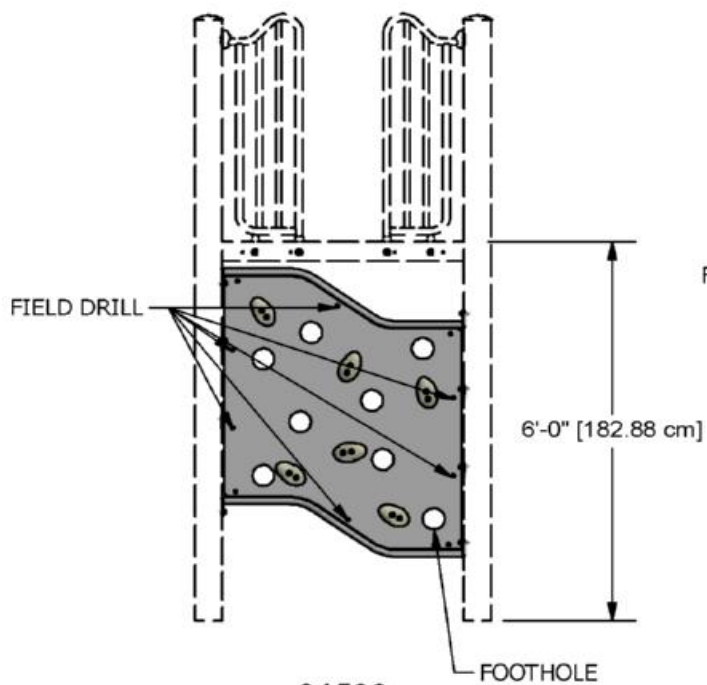
91499
4'-0" DECK HEIGHT



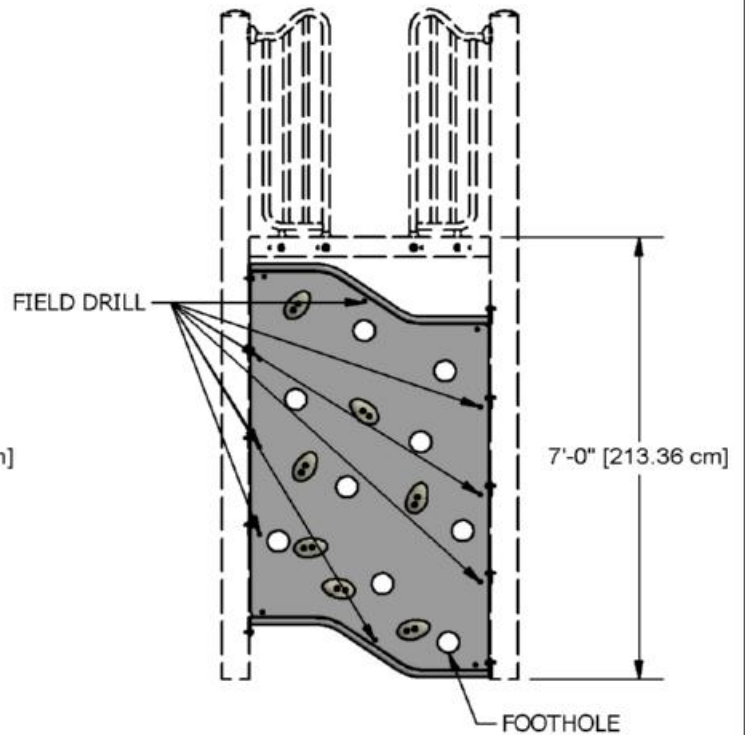
91500
5'-0" DECK HEIGHT



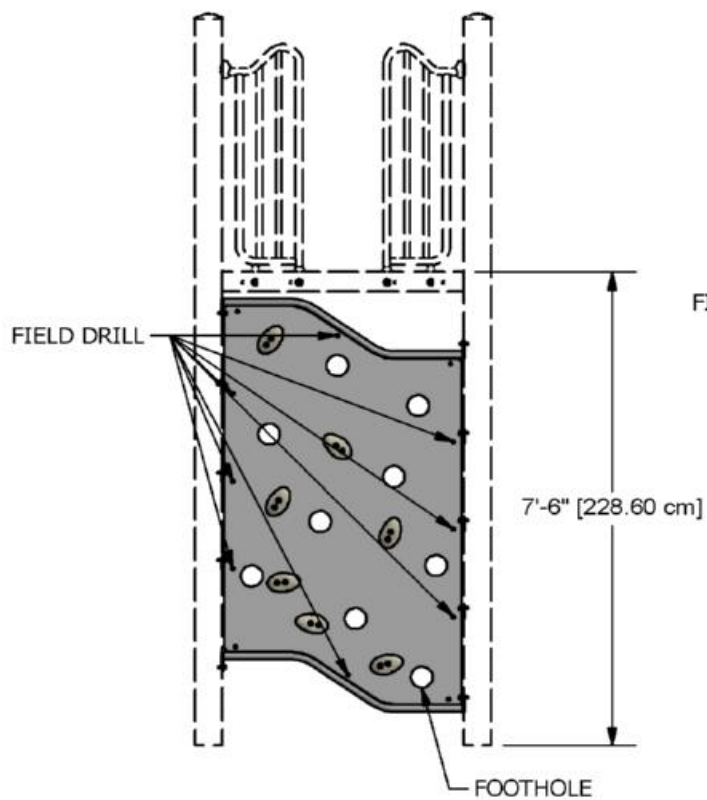
91500
5'-6" DECK HEIGHT



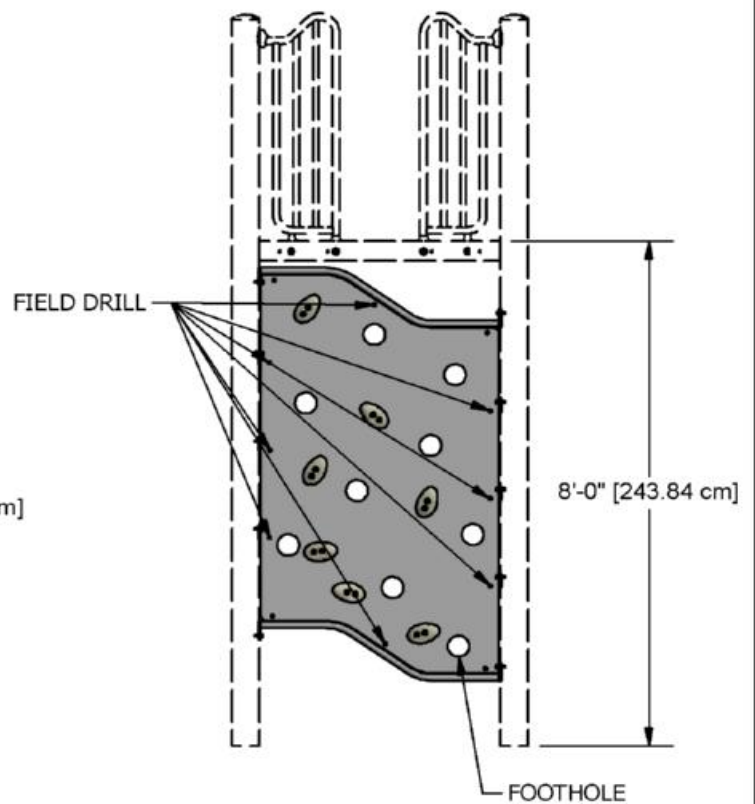
91500
6'-0" DECK HEIGHT



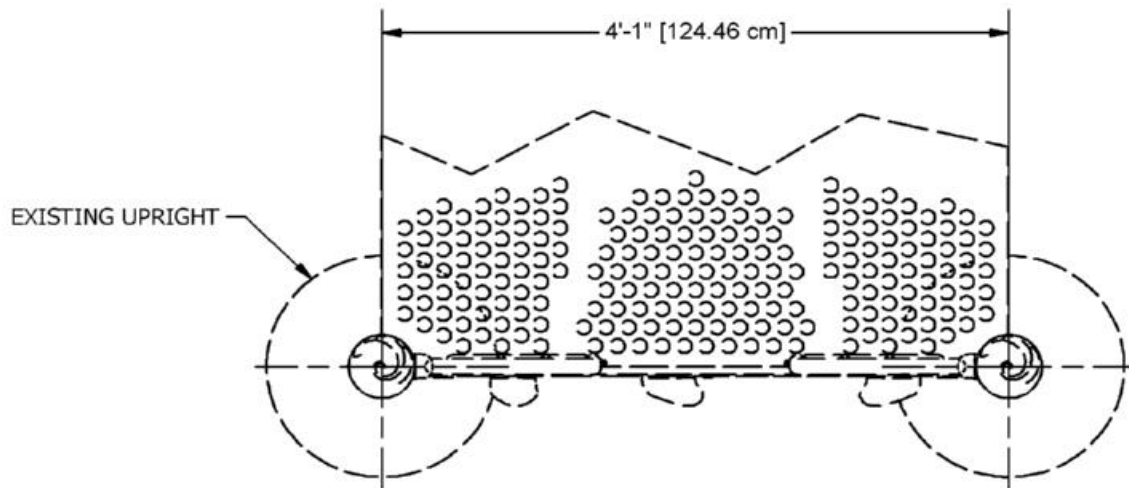
91501
7'-0" DECK HEIGHT



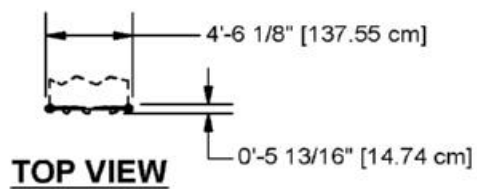
91501
7'-6" DECK HEIGHT



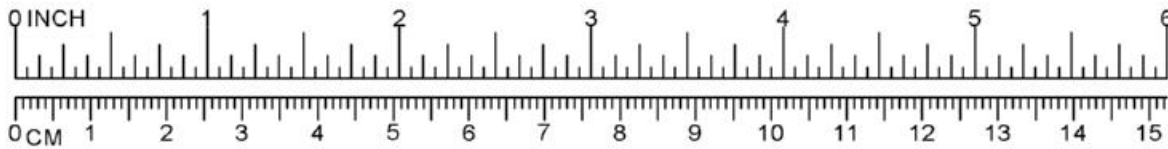
91501
8'-0" DECK HEIGHT



PLAN VIEW



TOP VIEW



EXISTING ENTRYWAY

EXISTING DECK

3/8" FLAT WASHER
(1 1/4" O.D.) (817424)

3/8" LOCK WASHER
(817334)

3/8" x 3/4" P.B.H.C.S.
w/PATCH (812052)

3/8" T-NUT (804556)

STEP 1
2 PLACES

EXISTING UPRIGHT

169702

OR

217068

3/8" x 1 1/4"
P.B.H.C.S. w/PATCH
(812051)

3/8" FLAT WASHER
(817410)

3/8" LOCK WASHER
(817334)

217068

169702

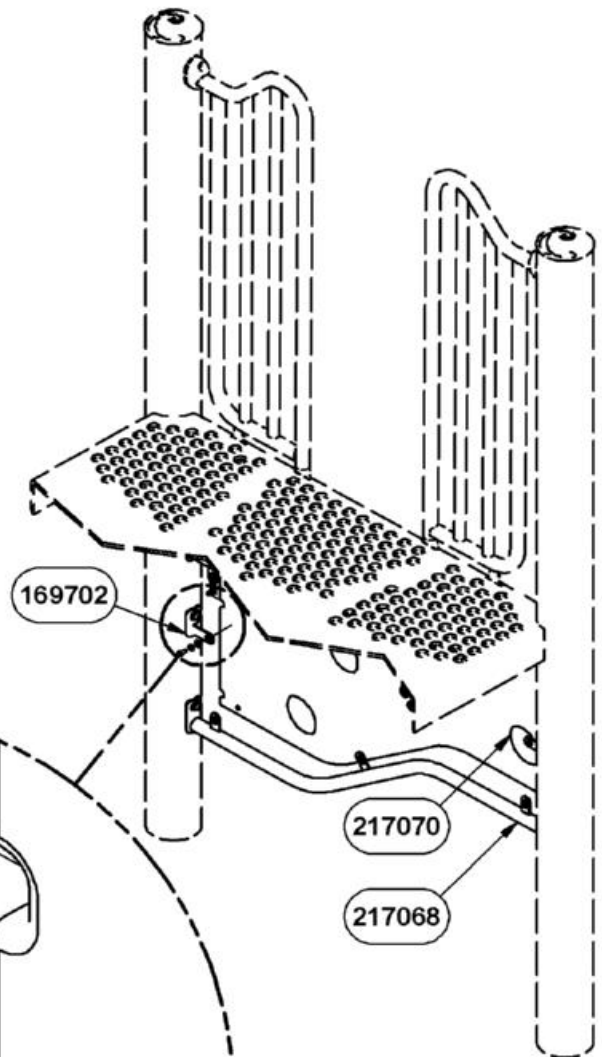
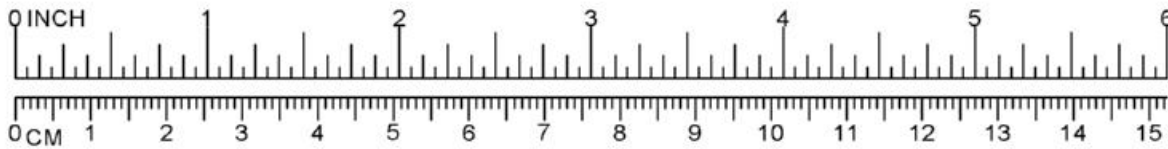
FOOTHOLE PLACEMENT
CRITICAL

217068

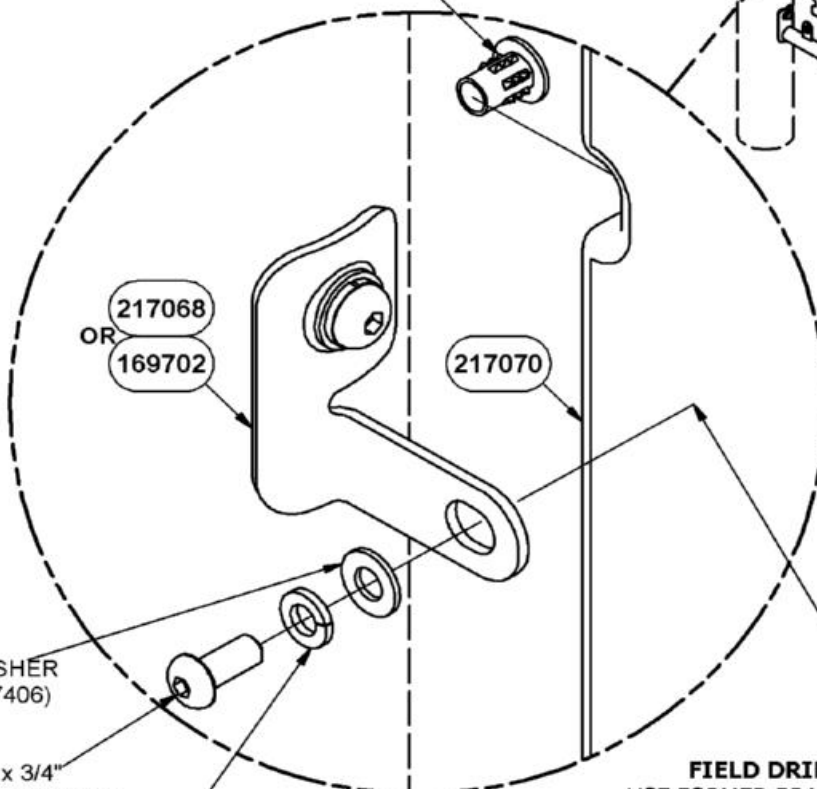
STEP 2
6 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



NUT 5/16"- INSERT
TYPE 1 (HWN0149)



OR

5/16" FLAT WASHER
(5/8" O.D.) (817406)

5/16" x 3/4"
P.B.H.C.S. w/PATCH
(812040)

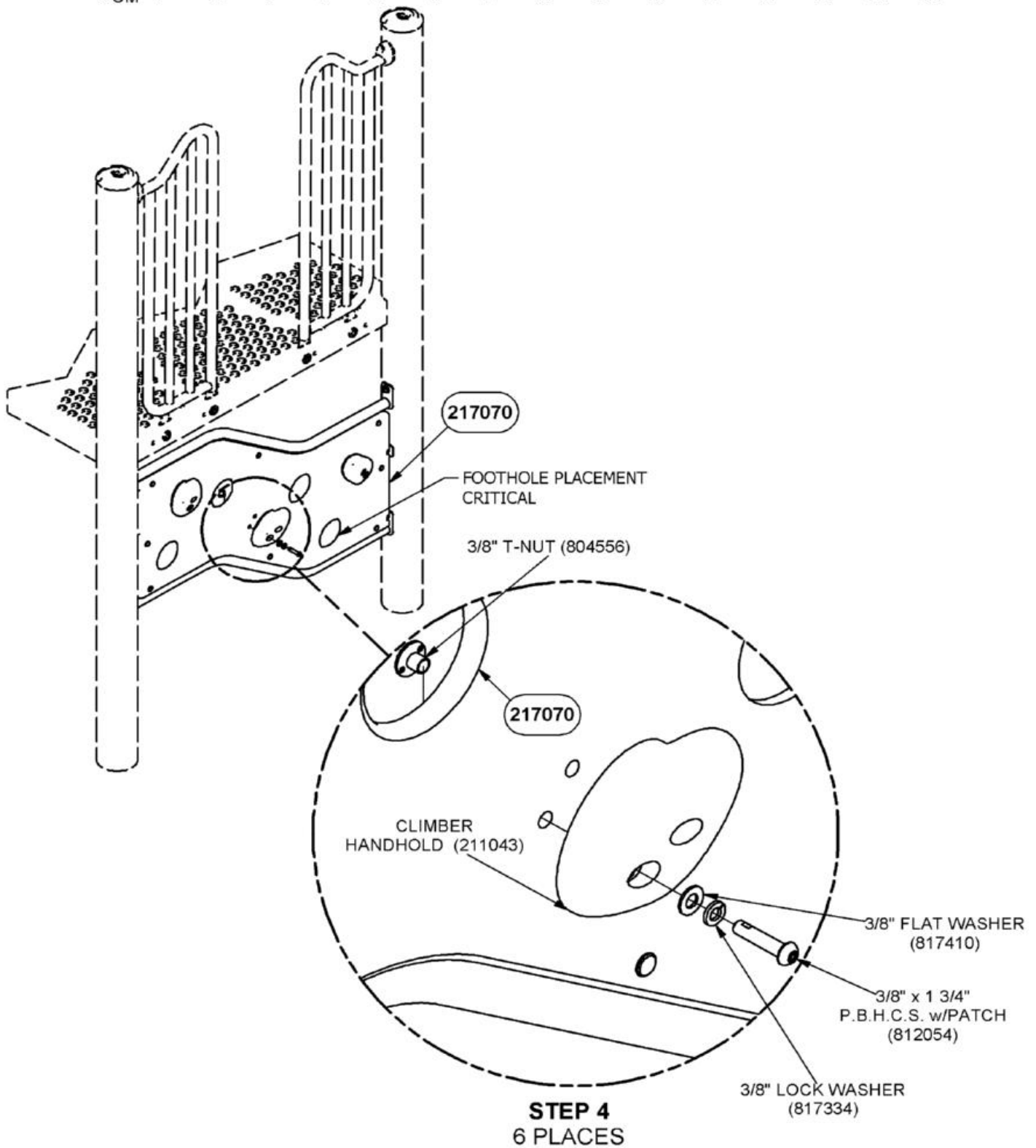
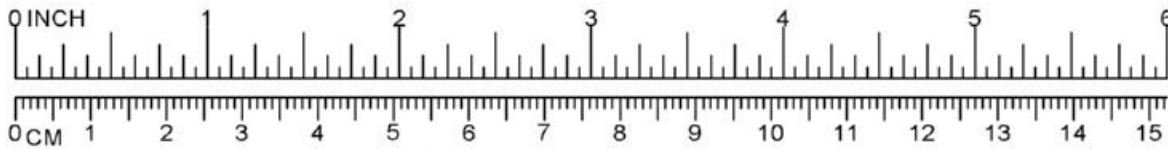
5/16" LOCK WASHER
(817330)

STEP 3
8 PLACES

FIELD DRILL HOLE TO 7/16" DIAMETER
USE FORMED BRACKET AND TOP RAIL WELD ASSEMBLY
AS TEMPLATE

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

PAGE 7

Parts List				
DESCRIPTION	91499	91500	91501	PART NUMBER
TOP RAIL WELD ASSEMBLY	2	2	2	217068
OLYMPUS CLIMBER HDPE	1	0	0	217070
OLYMPUS CLIMBER HDPE	0	1	0	217071
OLYMPUS CLIMBER HDPE	0	0	1	217072
FORMED TAB	2	4	6	169702
HARDWARE COMPLETE	1	0	0	217073
HARDWARE COMPLETE	0	1	0	217074
HARDWARE COMPLETE	0	0	1	217075
5/16" x 3/4" P.B.H.C.S. w/PATCH	8	10	12	812040*
5/16" FLAT WASHER (5/8" O.D.)	8	10	12	817406*
5/16" LOCK WASHER	8	10	12	817330*
NUT 5/16"- INSERT TYPE 1	8	10	12	HWN0149*
3/8" x 3/4" P.B.H.C.S. w/PATCH	2	2	2	812052*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	6	8	10	812051*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	6	12	14	812054*
3/8" FLAT WASHER (1 1/4" O.D.)	2	2	2	817424*
3/8" FLAT WASHER	12	20	24	817410*
3/8" LOCK WASHER	14	22	26	817334*
3/8" T-NUT	8	14	16	804556*
CLIMBER HANDHOLD	3	6	7	211043*

Unless Otherwise Specified, All Units of Measure are Each
 * Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

PowerScape®



A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 11/2/2020

91599 HDPE VERTICAL LADDER

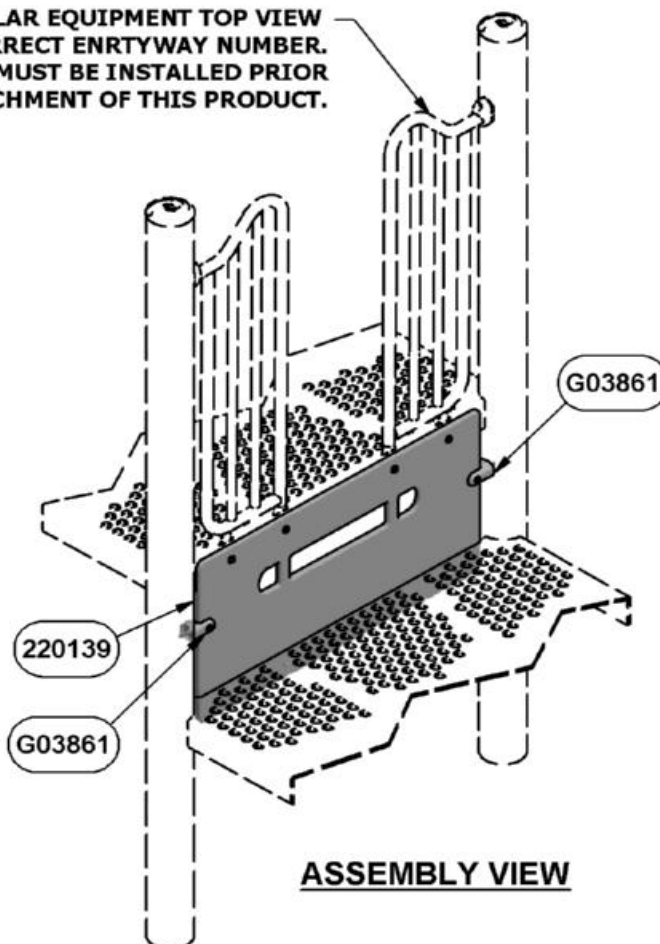


91599
91600
91601
UP TO 5'-0"
DECK HEIGHTS



91599
91600
91601
91602
91603
91604
91605
91606
ALL DECK HEIGHTS

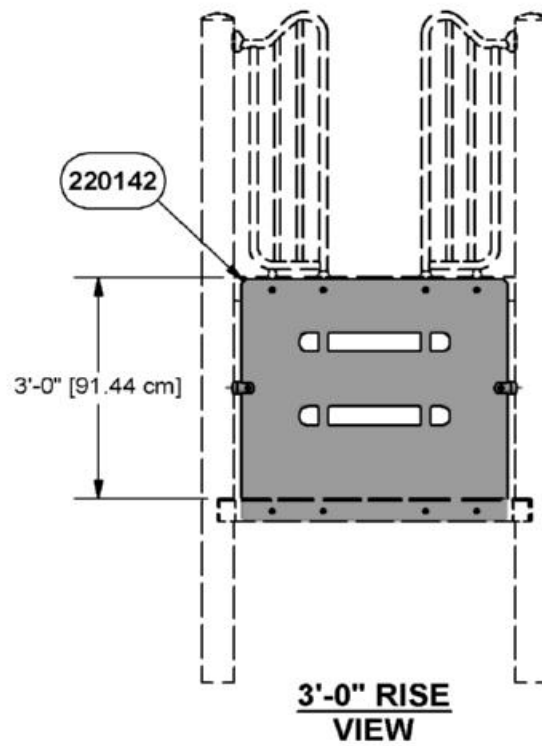
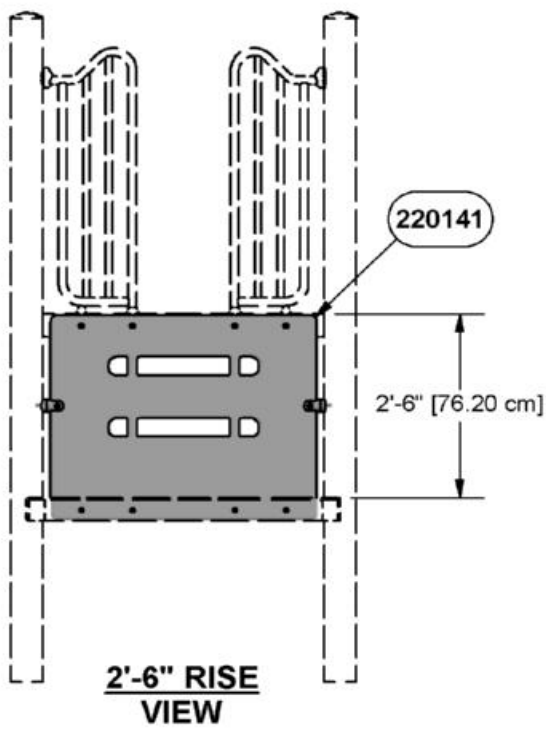
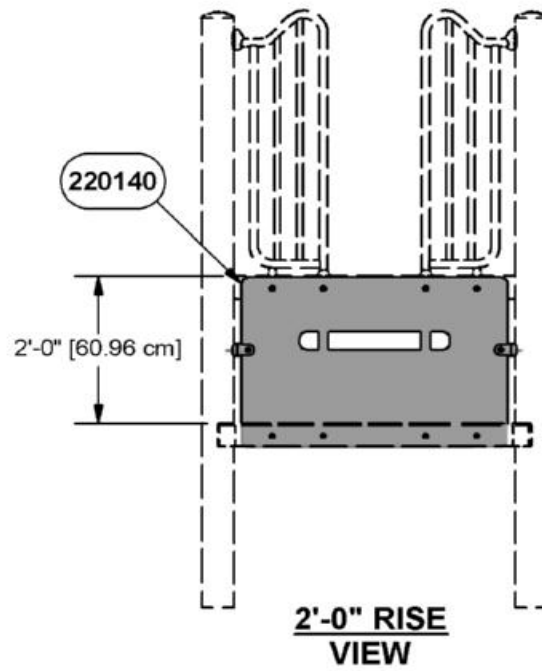
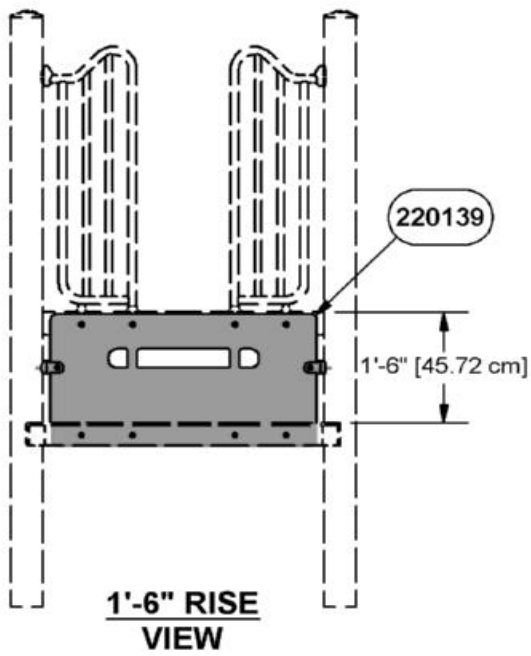
REFER TO MODULAR EQUIPMENT TOP VIEW
FOR CORRECT ENTRYWAY NUMBER.
ENTRYWAY MUST BE INSTALLED PRIOR
TO ATTACHMENT OF THIS PRODUCT.



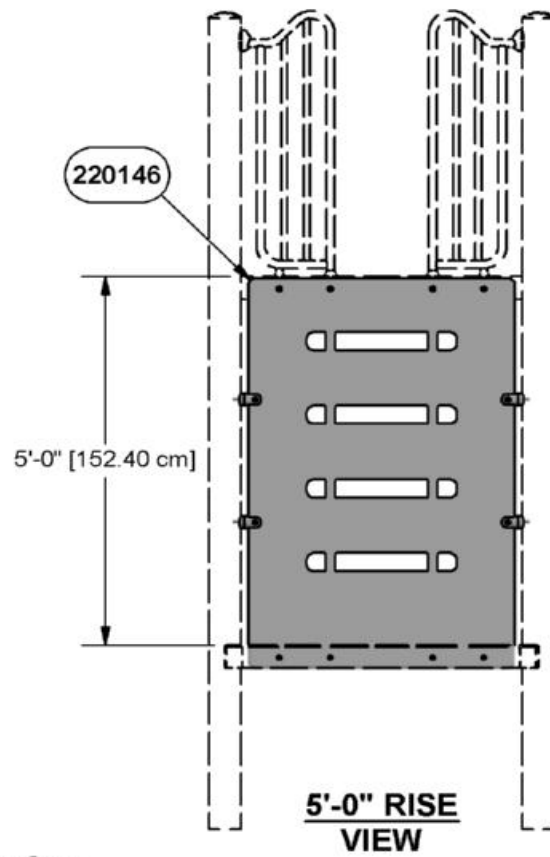
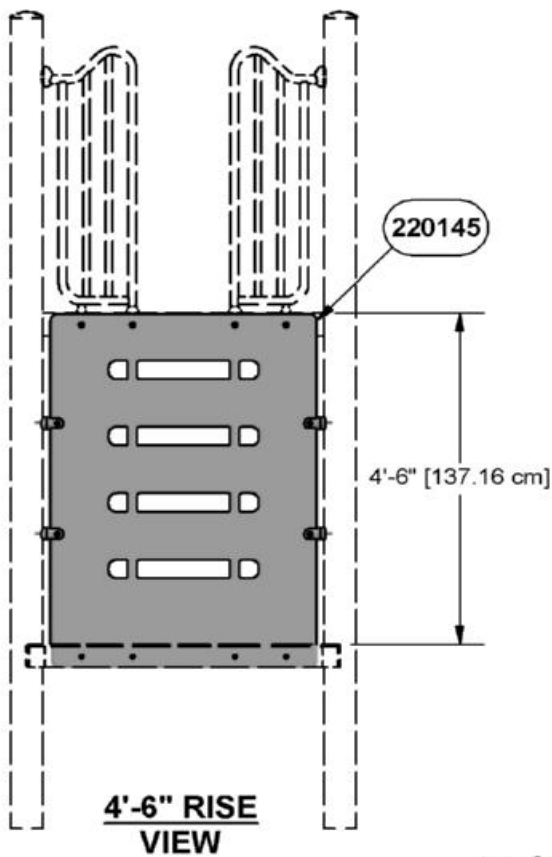
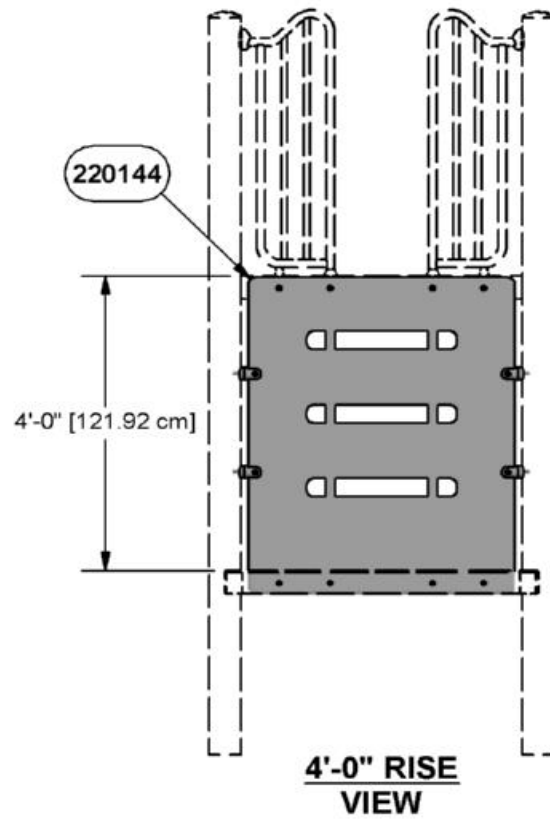
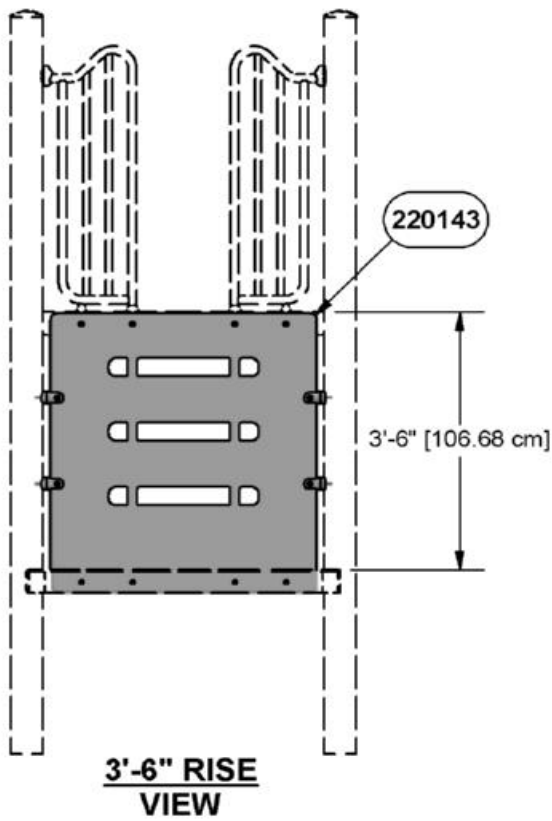
1'-6" RISE	91599
2'-0" RISE	91600
2'-6" RISE	91601
3'-0" RISE	91602
3'-6" RISE	91603
4'-0" RISE	91604
4'-6" RISE	91605
5'-0" RISE	91606

INSTALLATION INSTRUCTIONS

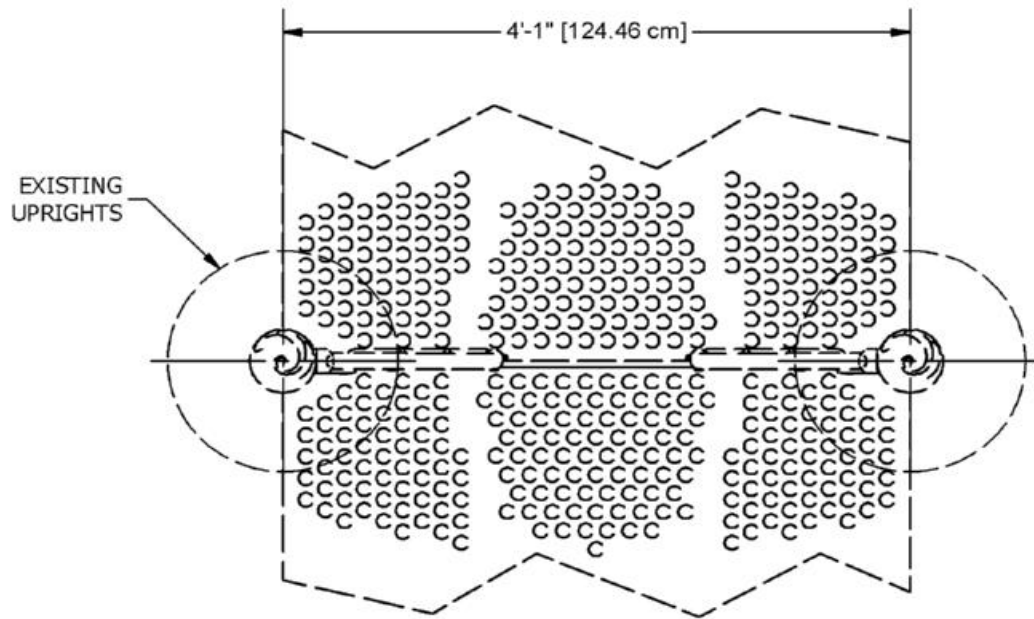
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



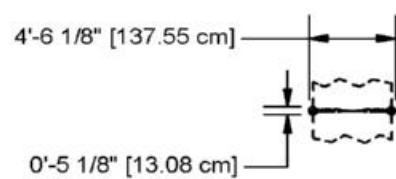
**DECK HEIGHT
ELEVATIONS**



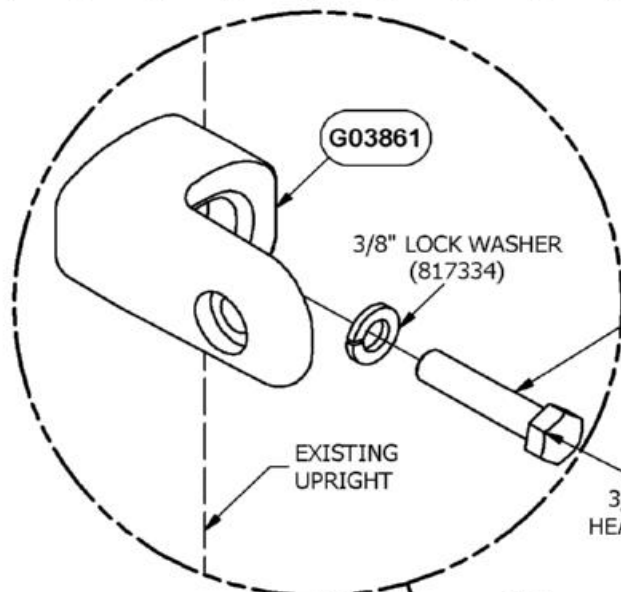
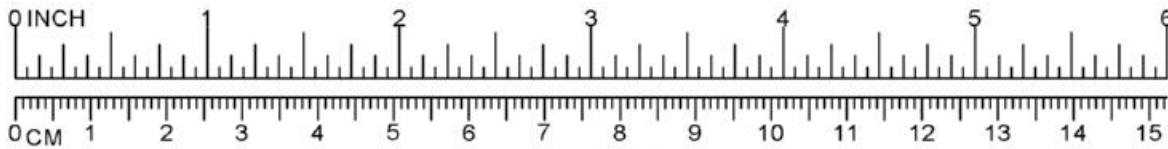
**DECK HEIGHT
ELEVATIONS**



PLAN VIEW

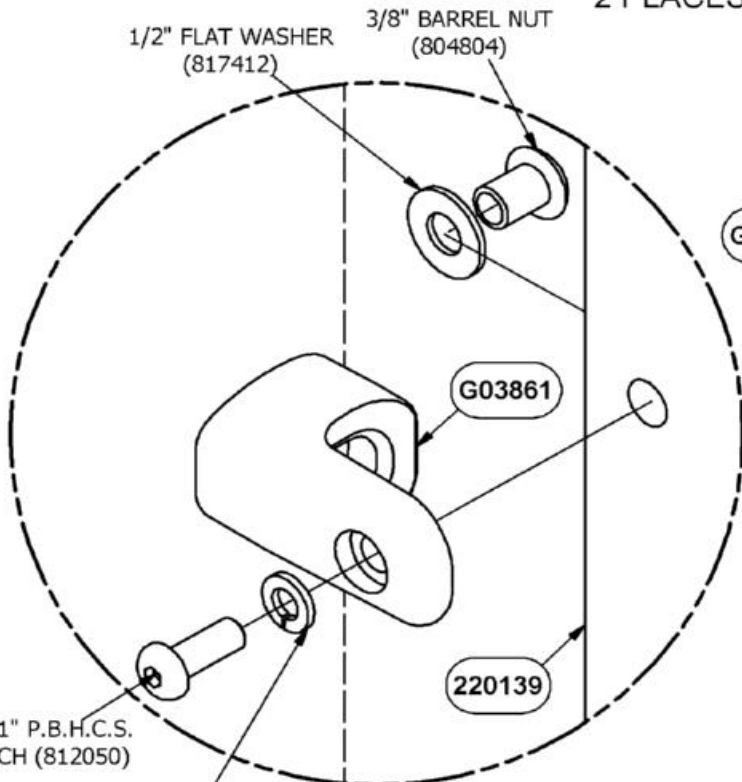


TOP VIEW

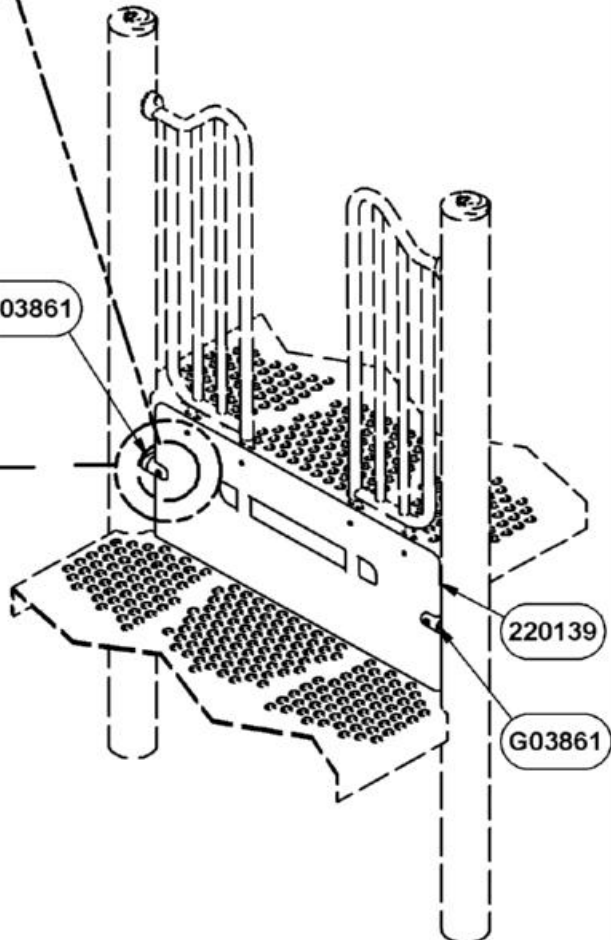


NOTE: BOLT SHOULD BE TORQUED FROM 20-25 FT. LBS FOR PROPER INSTALLATION.

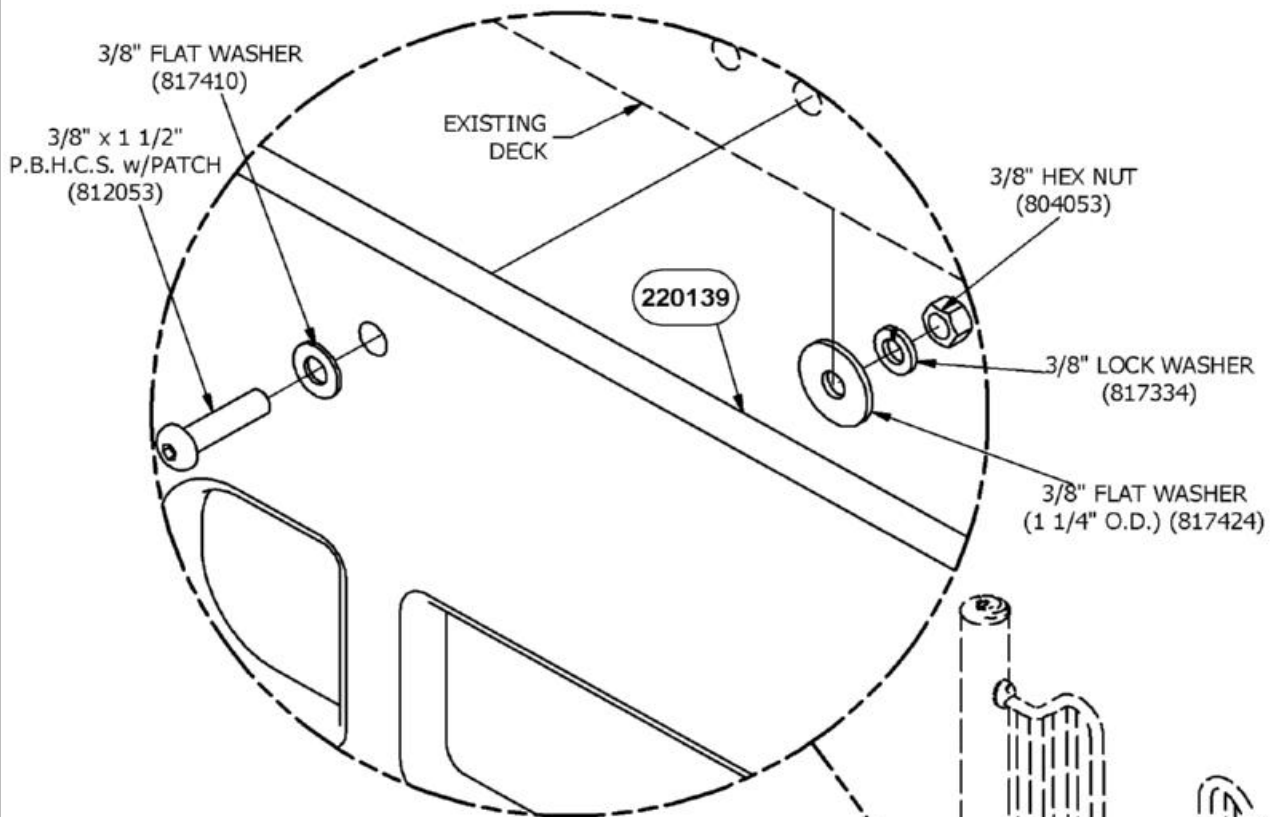
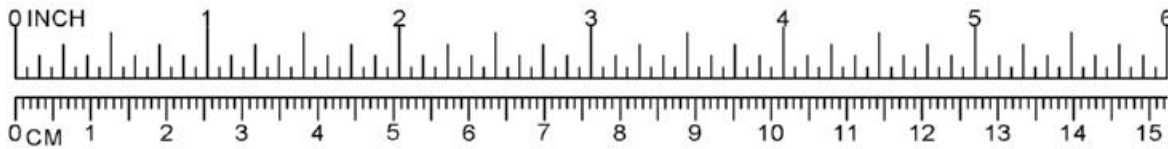
STEP 1
2 PLACES



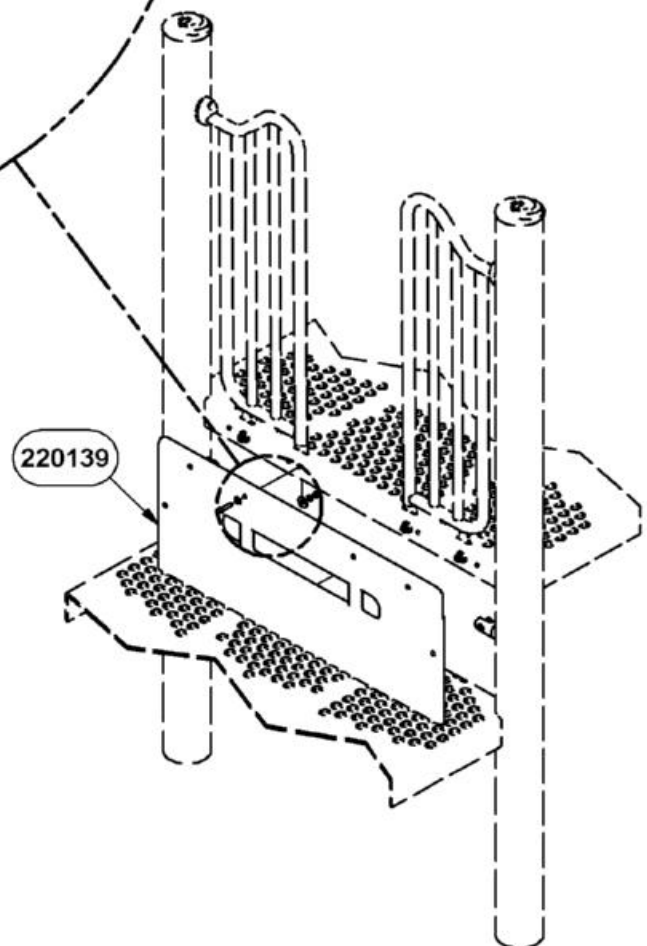
STEP 2
2 PLACES



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

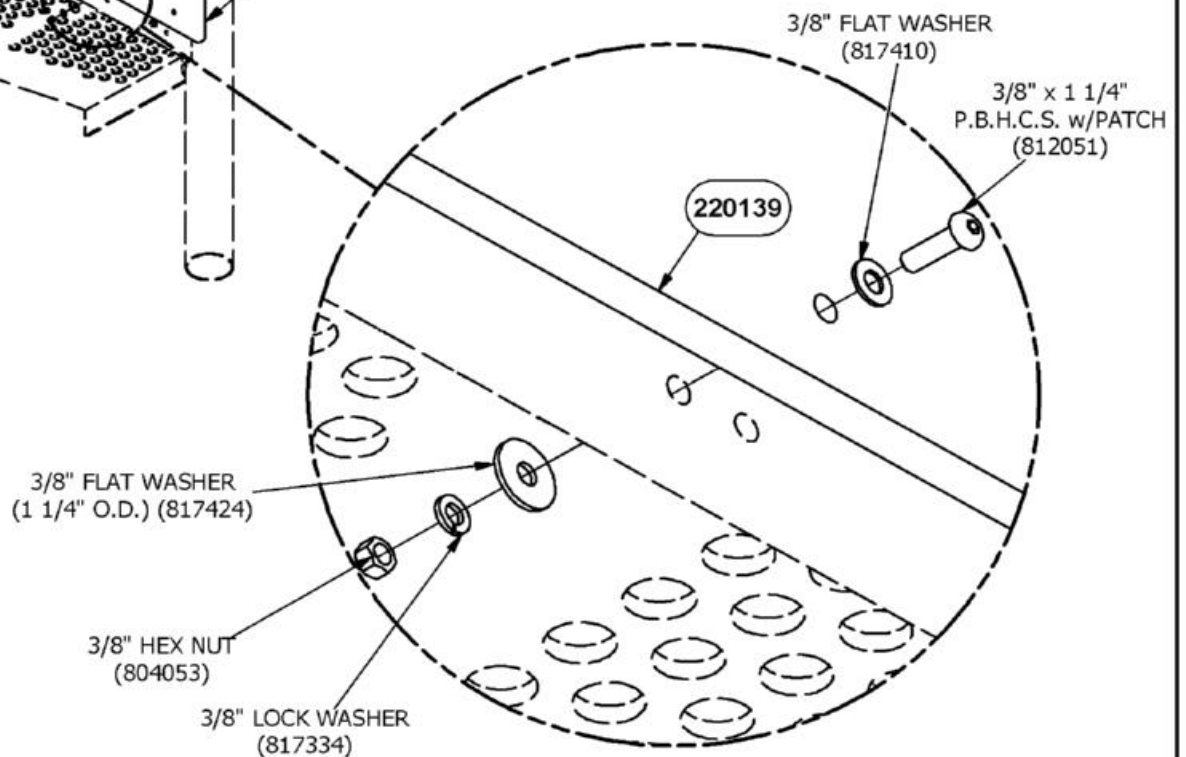
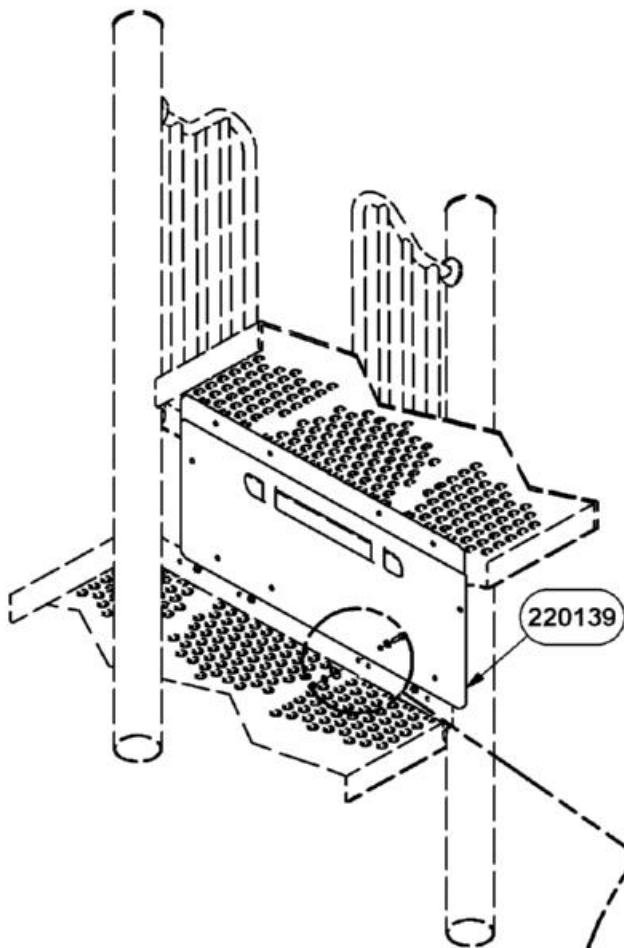
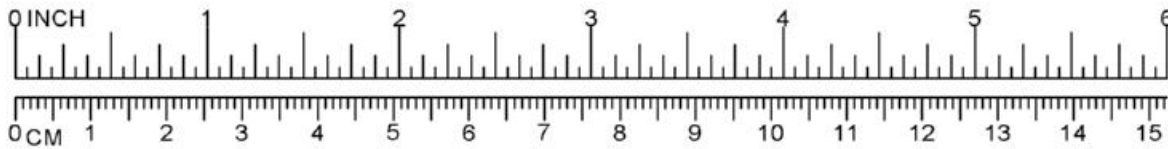


STEP 3
4 PLACES



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW



STEP 4
4 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

Parts List									
DESCRIPTION	91599	91600	91601	91602	91603	91604	91605	91606	PART NUMBER
HDPE LADDER PANEL	1	0	0	0	0	0	0	0	220139
HDPE LADDER PANEL	0	1	0	0	0	0	0	0	220140
HDPE LADDER PANEL	0	0	1	0	0	0	0	0	220141
HDPE LADDER PANEL	0	0	0	1	0	0	0	0	220142
HDPE LADDER PANEL	0	0	0	0	1	0	0	0	220143
HDPE LADDER PANEL	0	0	0	0	0	1	0	0	220144
HDPE LADDER PANEL	0	0	0	0	0	0	1	0	220145
HDPE LADDER PANEL	0	0	0	0	0	0	0	1	220146
TRU-LOC PANEL ATTACHMENT	2	2	2	2	4	4	4	4	G03861
HARDWARE COMPLETE	1	1	1	1	0	0	0	0	220163
HARDWARE COMPLETE	0	0	0	0	1	1	1	1	220164
3/8" x 1" P.B.H.C.S. w/PATCH	2	2	2	2	4	4	4	4	812050*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	4	4	4	4	4	4	4	4	812051*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	4	4	4	4	4	4	4	4	812053*
3/8" x 1 3/4" HEX HEAD BOLT	2	2	2	2	4	4	4	4	801006*
3/8" FLAT WASHER (1 1/4" O.D.)	8	8	8	8	8	8	8	8	817424*
3/8" FLAT WASHER	8	8	8	8	8	8	8	8	817410*
3/8" LOCK WASHER	12	12	12	12	16	16	16	16	817334*
3/8" BARREL NUT	2	2	2	2	4	4	4	4	804804*
3/8" HEX NUT	8	8	8	8	8	8	8	8	804053*
1/2" FLAT WASHER	2	2	2	2	4	4	4	4	817412*

Unless Otherwise Specified, All Units of Measure are Each
 * Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

PowerScape



A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 3/17/2021

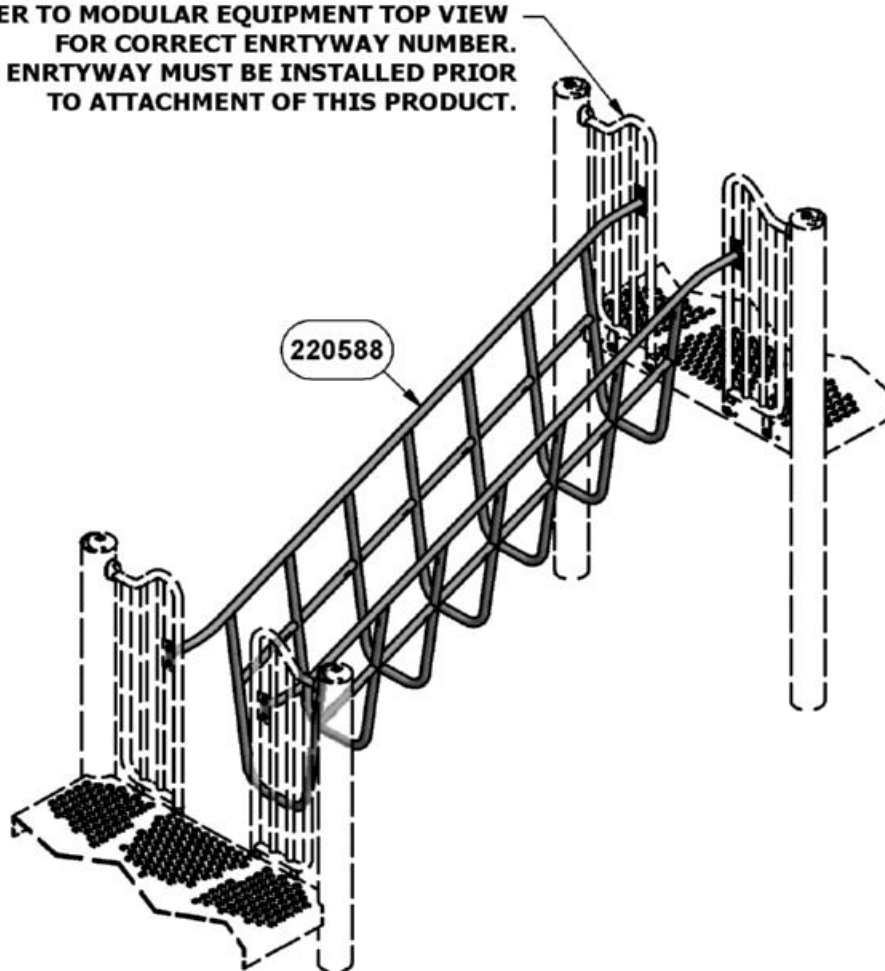
91612 STRIDER CLIMBING LINK



MAX DECK
HEIGHT
6'-0"

1'-0" RISE	91612
2'-0" RISE	91613
3'-0" RISE	91614
4'-0" RISE	91615
5'-0" RISE	91616

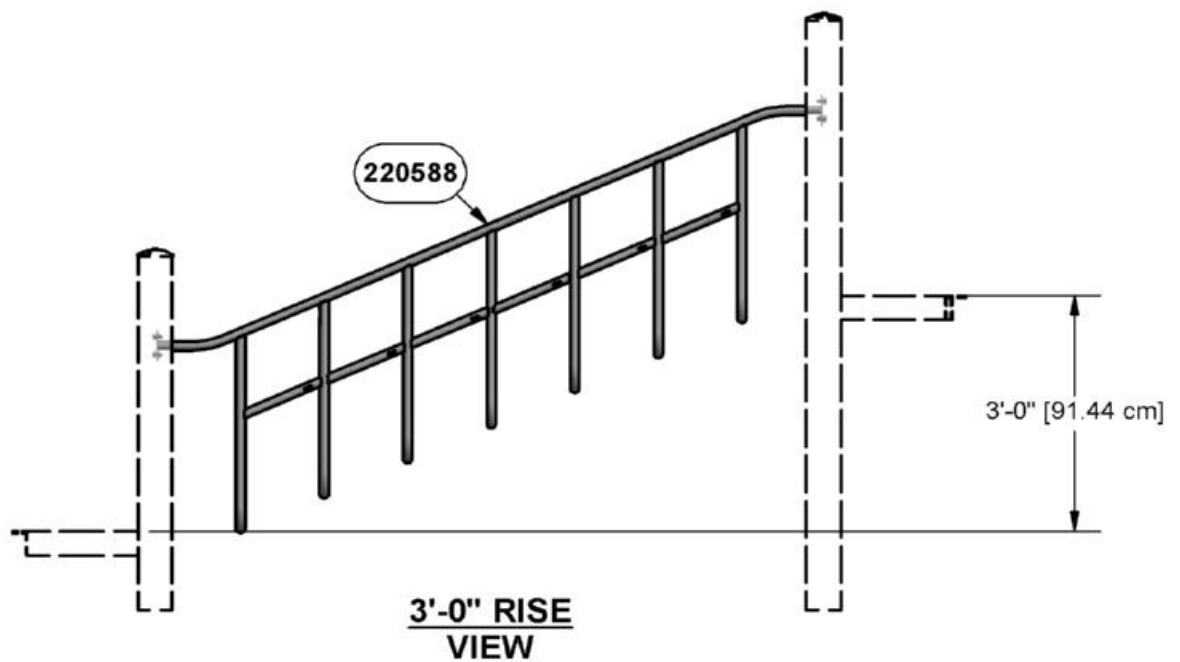
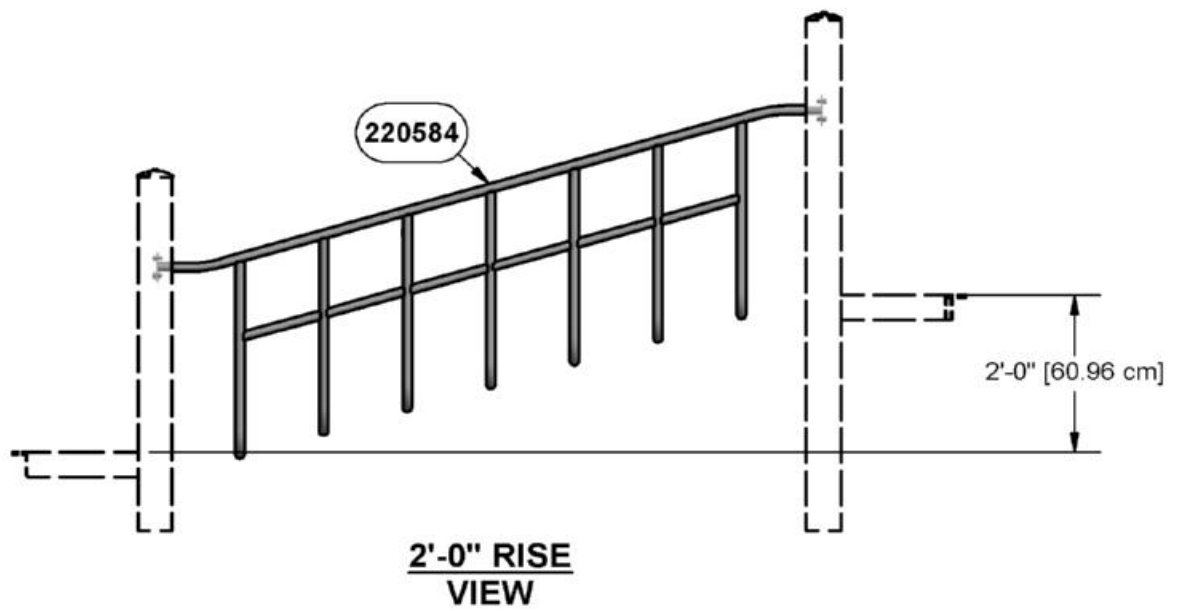
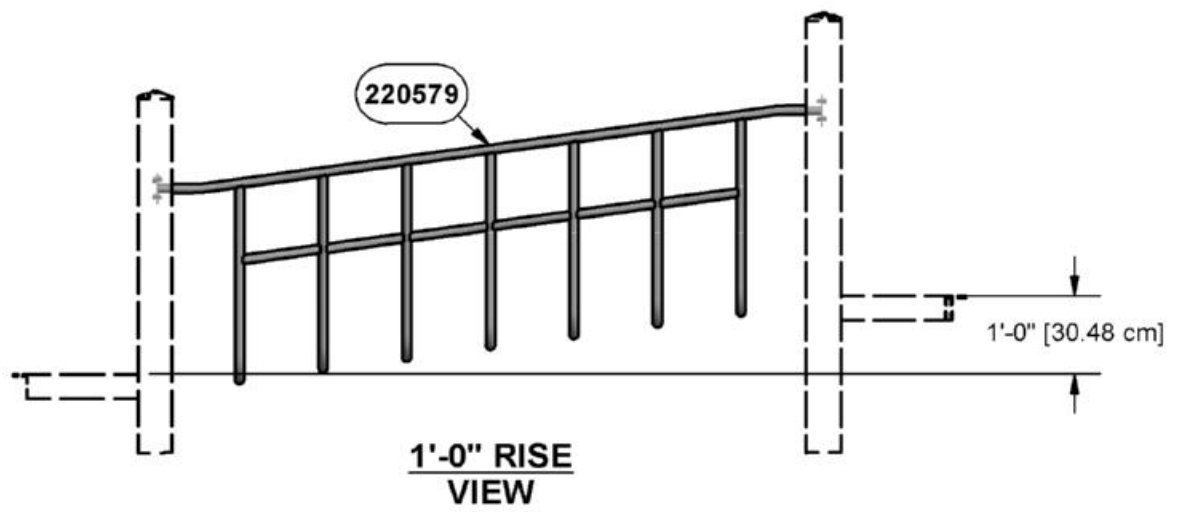
REFER TO MODULAR EQUIPMENT TOP VIEW
FOR CORRECT ENTRYWAY NUMBER.
ENTRYWAY MUST BE INSTALLED PRIOR
TO ATTACHMENT OF THIS PRODUCT.



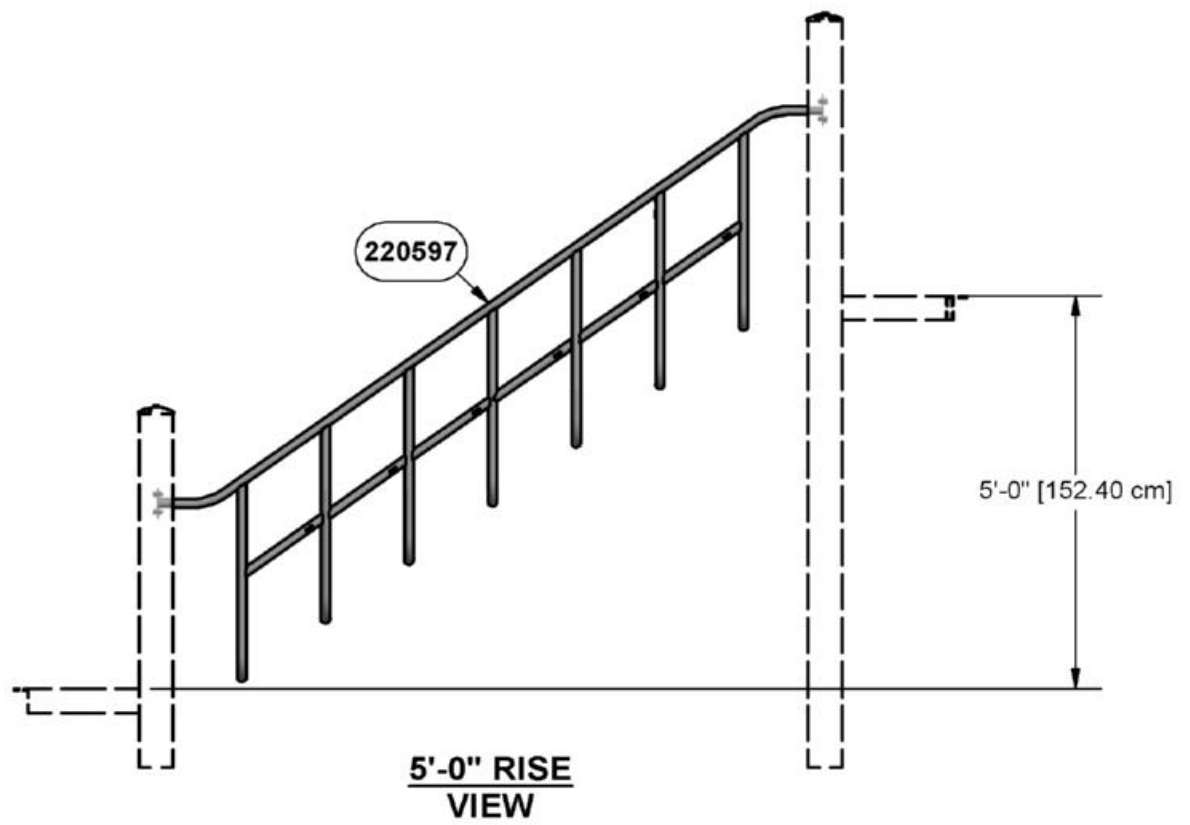
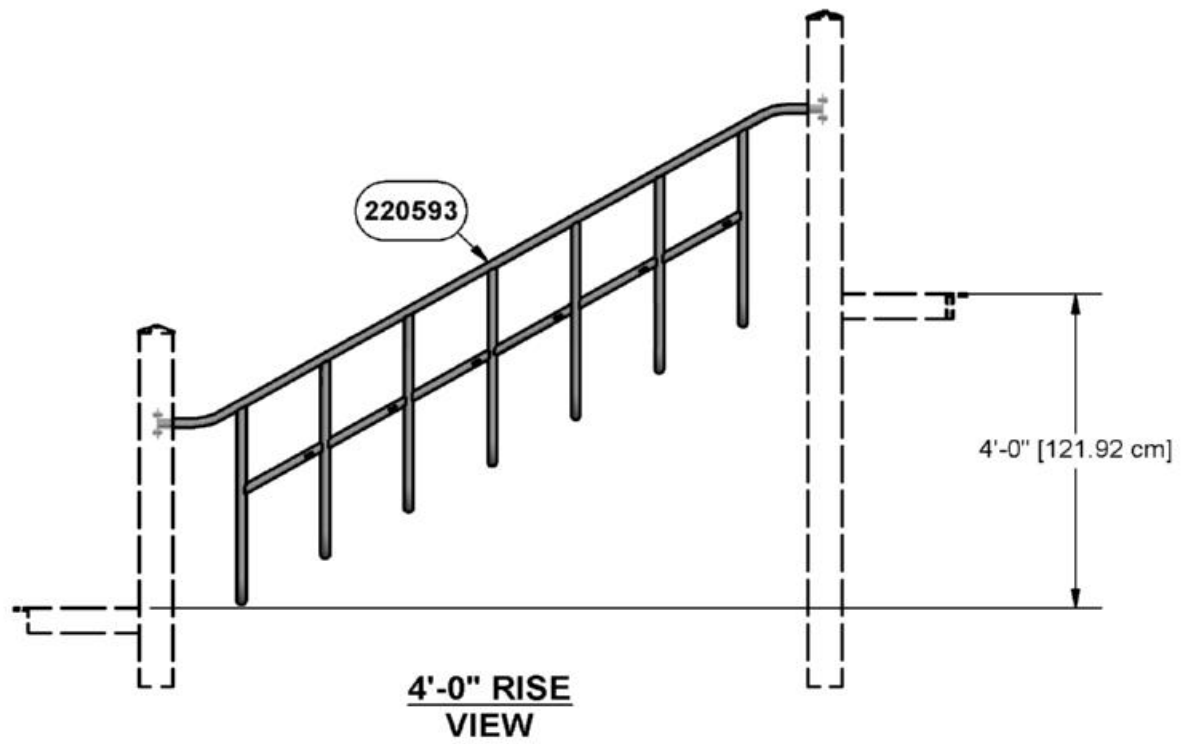
INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

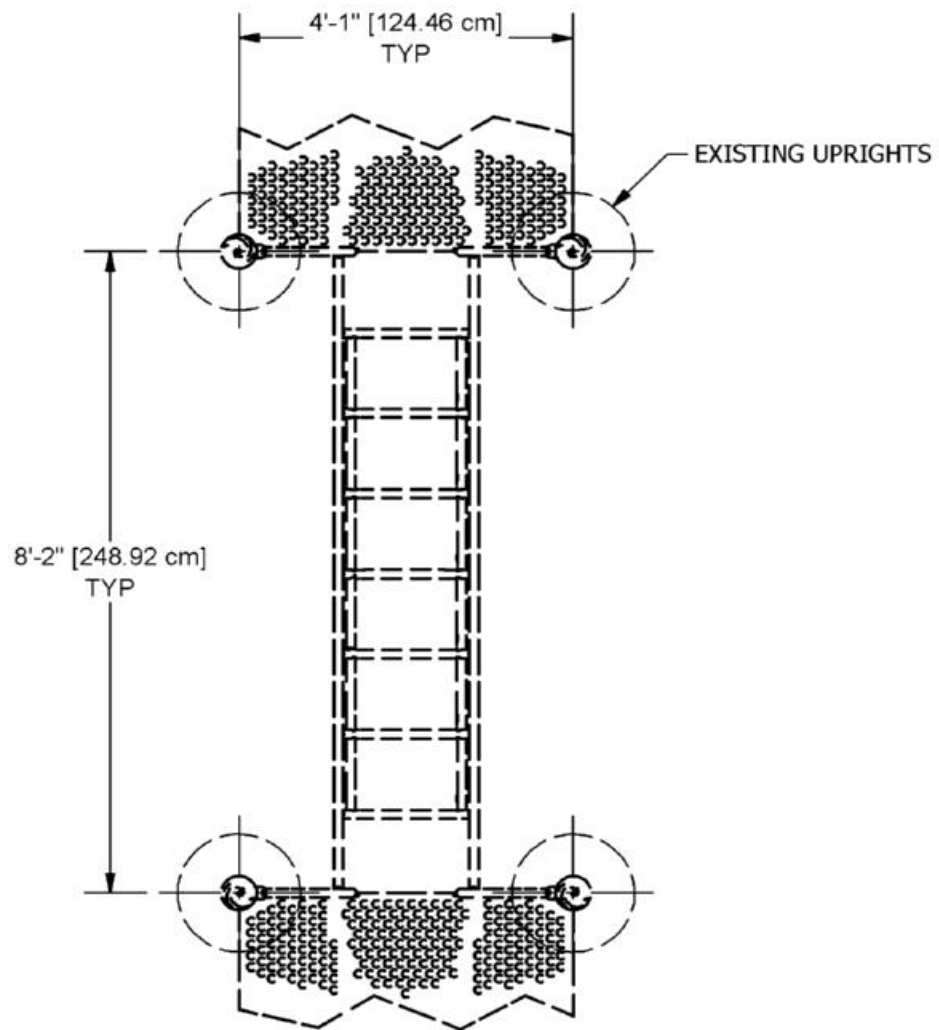
ASSEMBLY VIEW
91614 3'-0" RISE
SHOWN



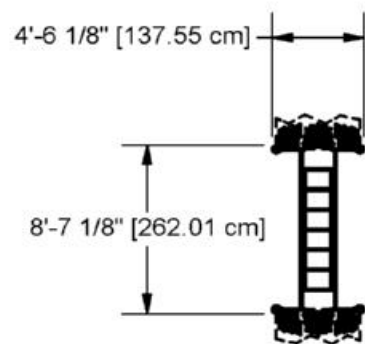
**DECK HEIGHT
ELEVATIONS**



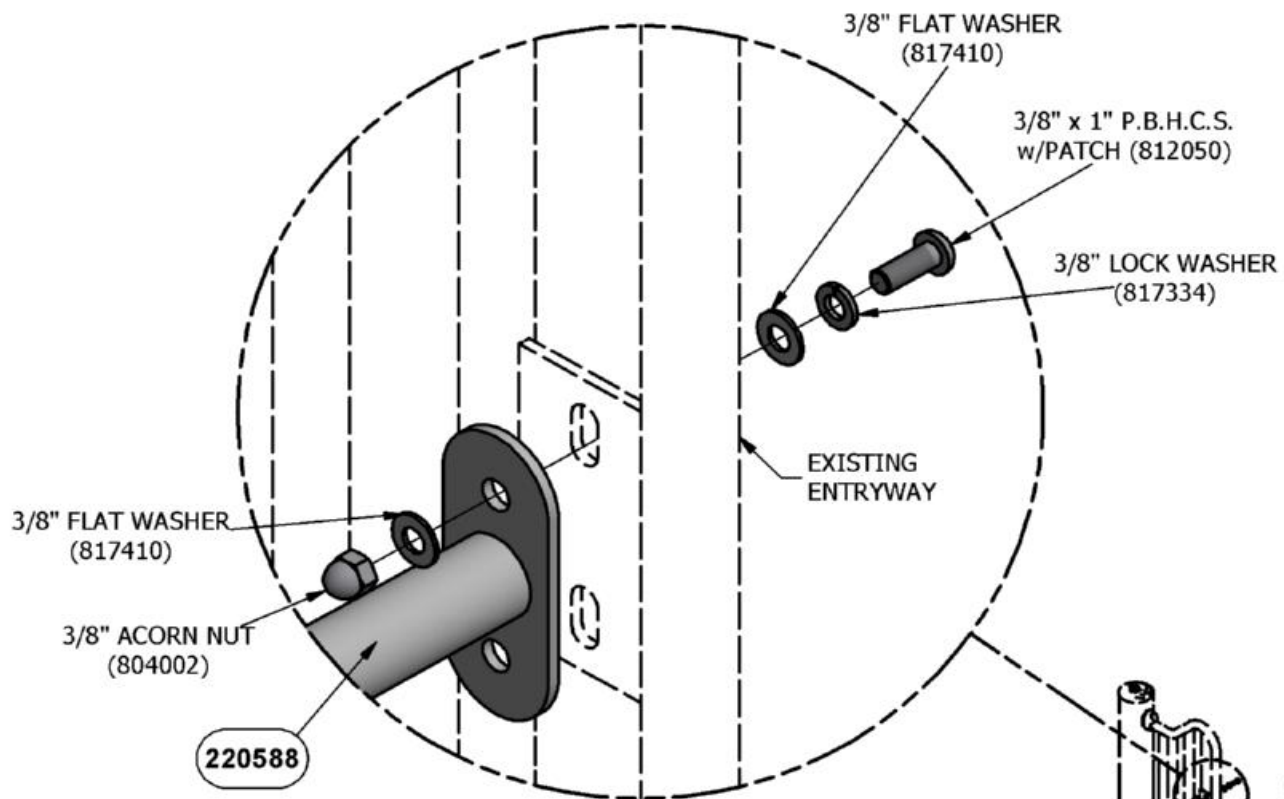
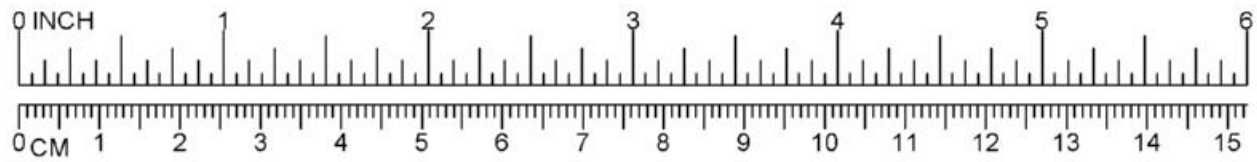
DECK HEIGHT
ELEVATIONS



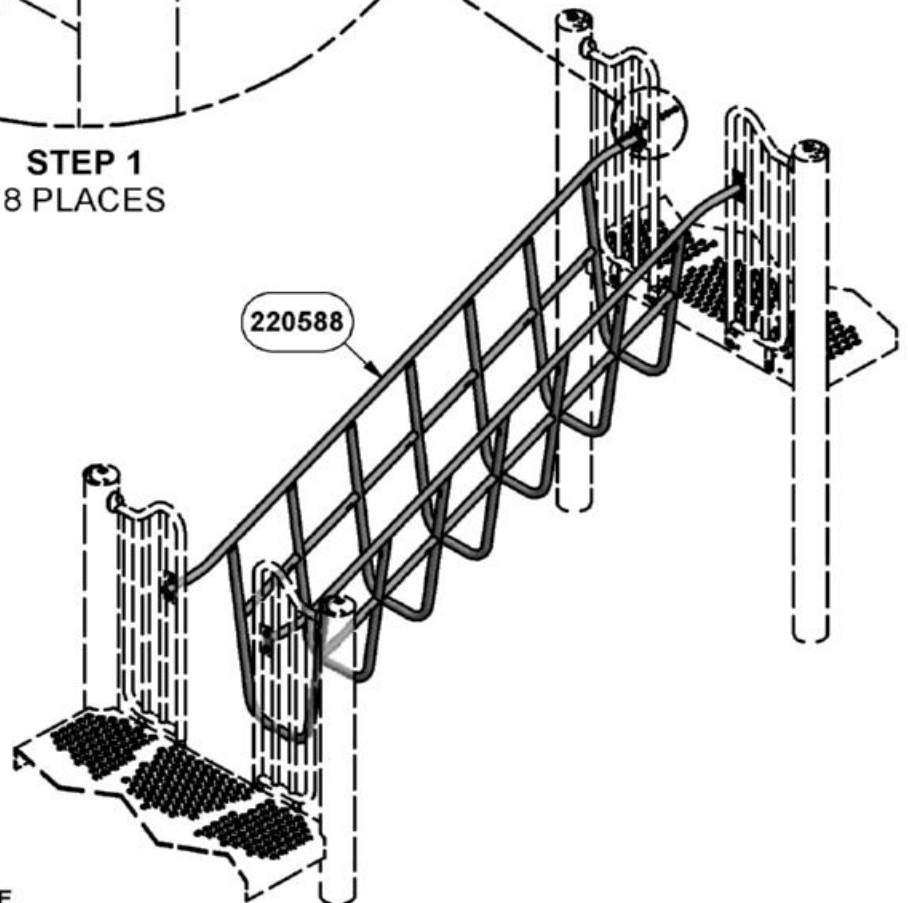
PLAN VIEW



TOP VIEW



STEP 1
8 PLACES



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW
91614 SHOWN
OTHERS SIMILAR

Parts List						
DESCRIPTION	91612	91613	91614	91615	91616	PART NUMBER
CLIMBER LINK WELD ASSEMBLY	1	0	0	0	0	220579
CLIMBER LINK WELD ASSEMBLY	0	1	0	0	0	220584
CLIMBER LINK WELD ASSEMBLY	0	0	1	0	0	220588
CLIMBER LINK WELD ASSEMBLY	0	0	0	1	0	220593
CLIMBER LINK WELD ASSEMBLY	0	0	0	0	1	220597
HARDWARE COMPLETE	1	1	1	1	1	229601
3/8" x 1" P.B.H.C.S. w/PATCH	8	8	8	8	8	812050*
3/8" ACORN NUT	8	8	8	8	8	804002*
3/8" FLAT WASHER	16	16	16	16	16	817410*
3/8" LOCK WASHER	8	8	8	8	8	817334*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

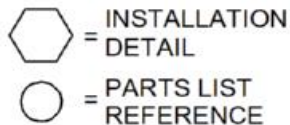
Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

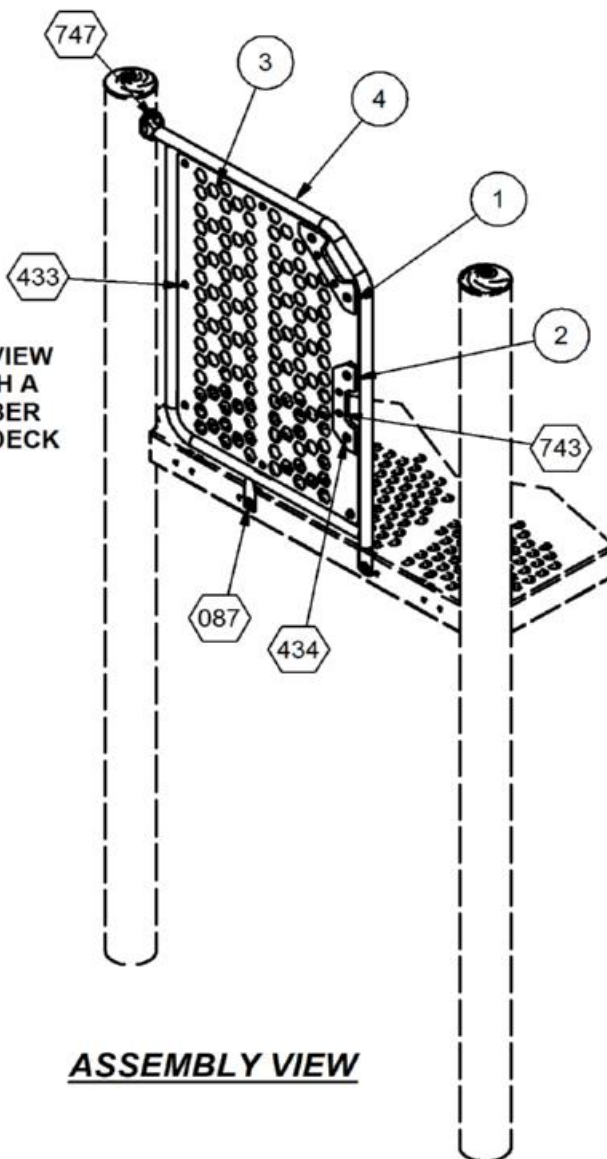
- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.



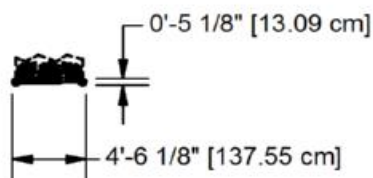
**NOTE: SEE MODULAR TOP VIEW
FOR LAYOUT. IF USED WITH A
CLIMBER, DEFER TO CLIMBER
INSTALLATION SHEET FOR DECK
CONNECTION DETAIL.**

INSTALLATION INSTRUCTIONS

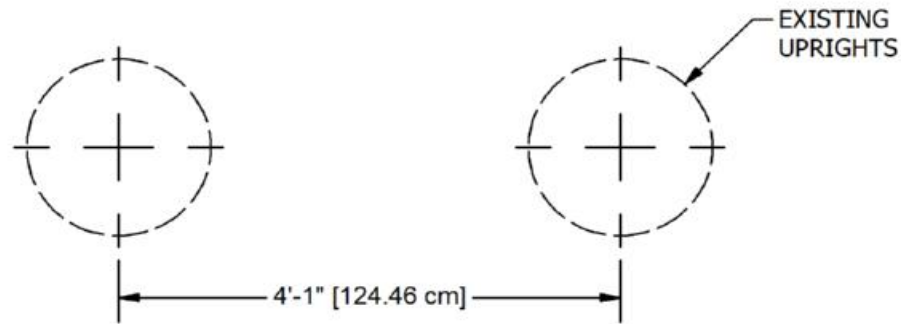
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



ASSEMBLY VIEW



TOP VIEW



GROUND PLAN

Parts List -A			
REF.	DESCRIPTION	QTY	PART NUMBER
1	APPLIQUE 1	1	X27024
2	APPLIQUE PANEL 2	1	X26987
3	METAL INSERT	1	X27009
4	OFFSET ENCLOSURE ASS'Y	1	X27007
	TRU-LOC	1	A03650
	HARDWARE COMPLETE	1	5402HW
	3/8" x 3/4" P.B.H.C.S. w/PATCH	8	812052*
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	4	812051*
	3/8" x 2" P.B.H.C.S. w/PATCH	1	812055*
	3/8" FLAT WASHER	10	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	12	817424*
	3/8" LOCK WASHER	9	817334*
	3/8" ACORN NUT	10	804002*
	3/8" T-NUT	2	804556*
	ALUM. PIN	1	203568*
	1/4" CHERRY-MATE RIVET	4	135499*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

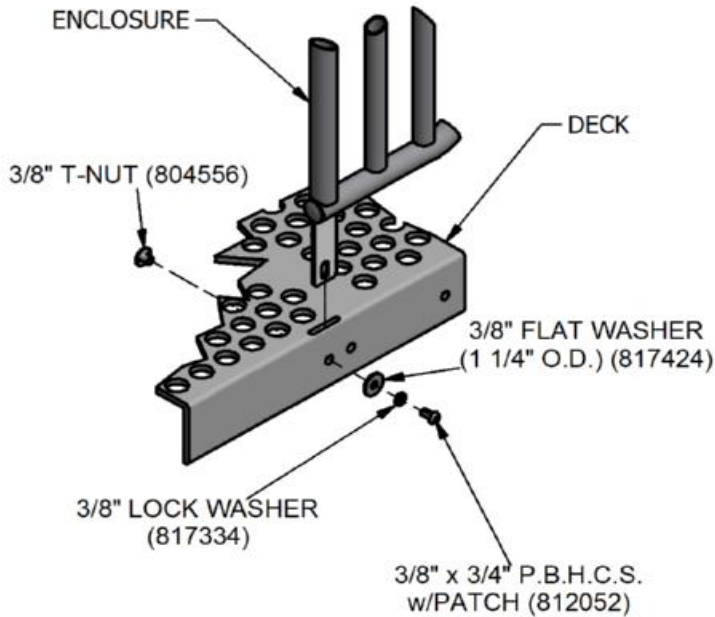
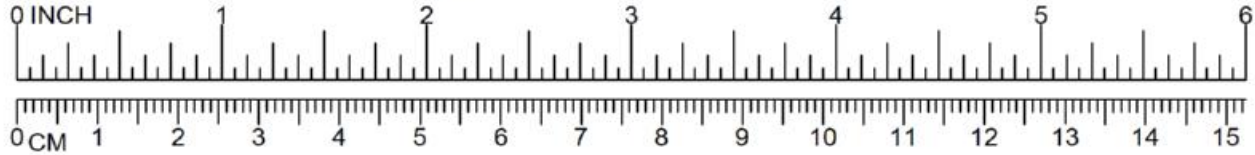
DETAILS -for- 5402RP

IMPORTANT

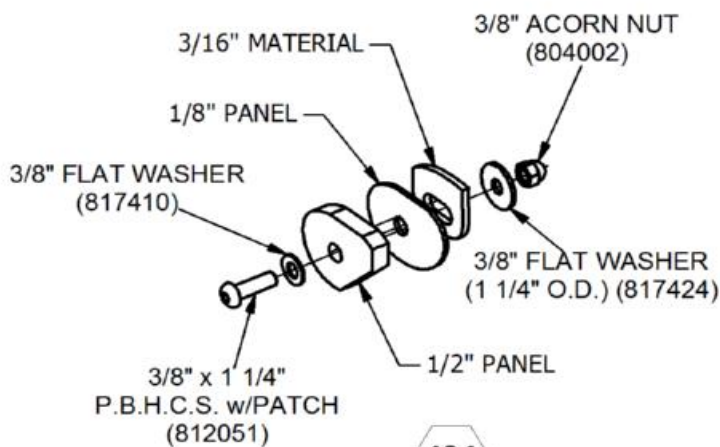
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

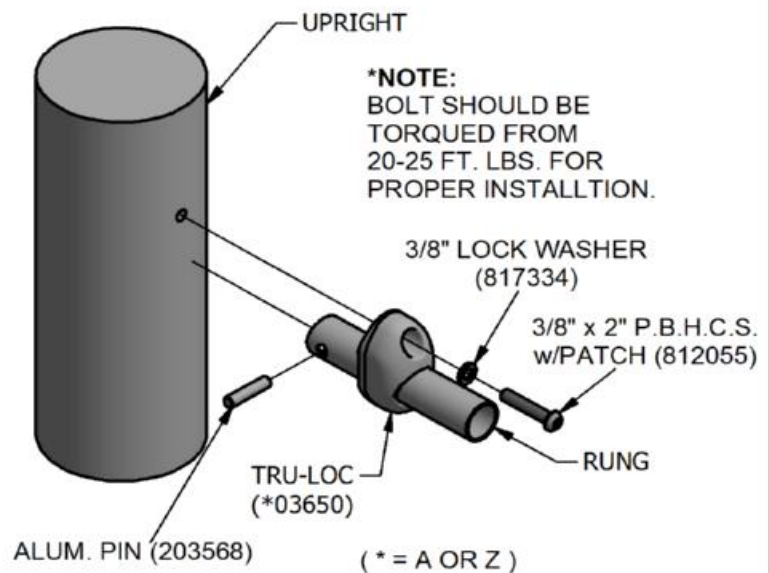
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



087



434



747

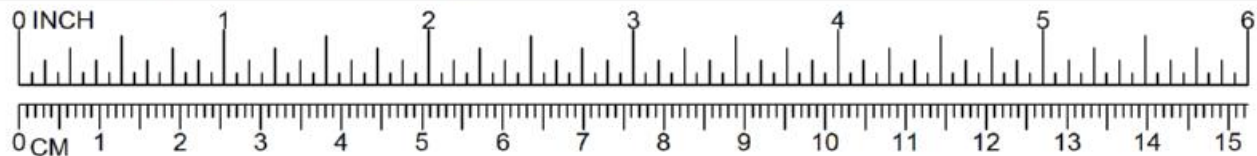
DETAILS -for- 5402RP

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



1/4" FLAT WASHER
(5/8" O.D.) (817408)

(135499 STEM)

WELD
ASS'Y

1/4" CHERRY MATE
RIVET (135499
SLEEVE)

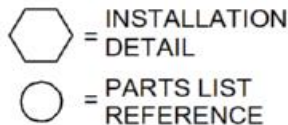
HDPE
TRIM

743

NOTE 1: HDPE TRIM PIECES MUST ALWAYS BE PLACED TO THE OUTSIDE FACE OF THE COMPONENT.

NOTE 2: STEM SIDE OF RIVET MUST ALWAYS BE ON METAL SIDE OF THE COMPONENT. FLUSH SIDE OF RIVET MUST ALWAYS BE ON THE HDPE SIDE OF COMPONENT.

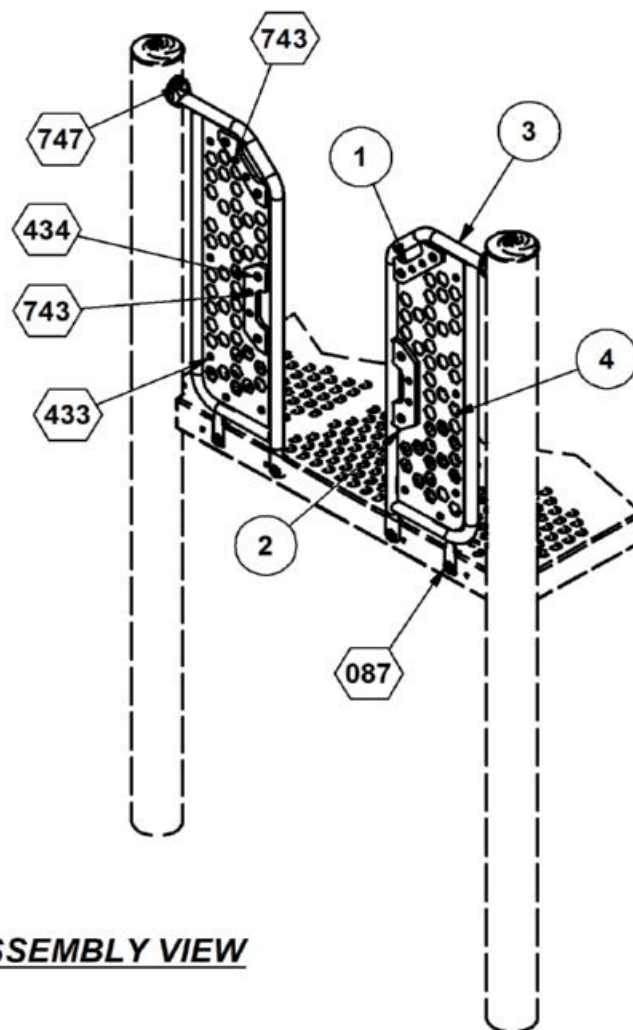
ENTRYWAY (MODERN)



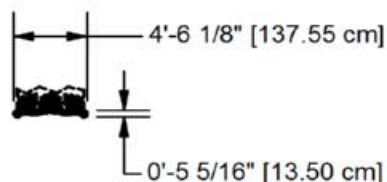
NOTE:
REFER TO MODULAR TOP VIEW.
IF USED WITH A CLIMBER, REFER
TO CLIMBER INSTALLATION
SHEET FOR CONNECTION DETAIL
TO DECK.

INSTALLATION INSTRUCTIONS

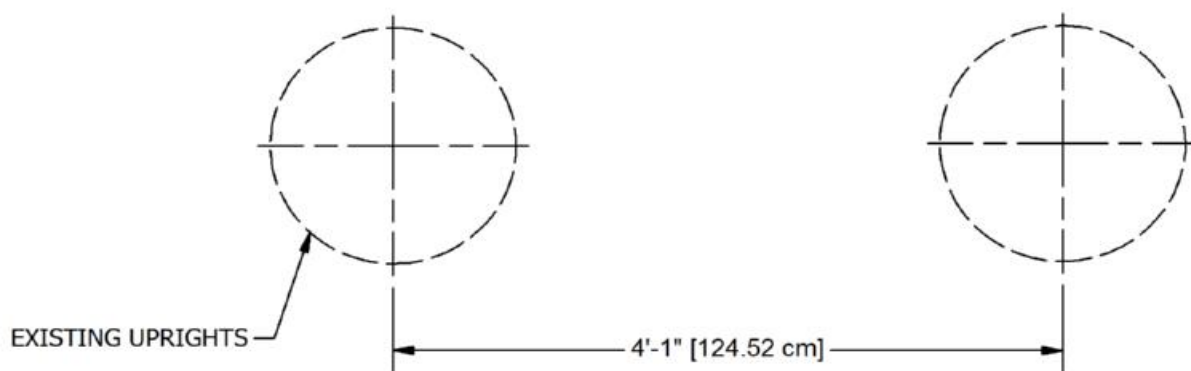
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as show in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. Thread locker (Supplied By Others) should be used on all Non-Patch Threaded Hardware.



ASSEMBLY VIEW



TOP VIEW



GROUND PLAN

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	APPLIQUE PANEL 1	2	X26986
2	APPLIQUE PANEL 2	2	X26987
3	ENTRYWAY WELD ASS'Y	2	X26983
4	HEX INSERT PANEL	2	X26985
	TRU-LOC	2	A03650
	HARDWARE COMPLETE	1	5409HW
	3/8" x 3/4" P.B.H.C.S. w/PATCH	14	812052*
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	8	812051*
	3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
	3/8" FLAT WASHER	18	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	22	817424*
	3/8" LOCK WASHER	16	817334*
	3/8" ACORN NUT	18	804002*
	3/8" T-NUT	4	804556*
	1/4" CHERRY-MATE RIVET	8	135499*
	ALUM. PIN	2	203568*

Unless Otherwise Specified, All Units of Measure are Each
 * Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

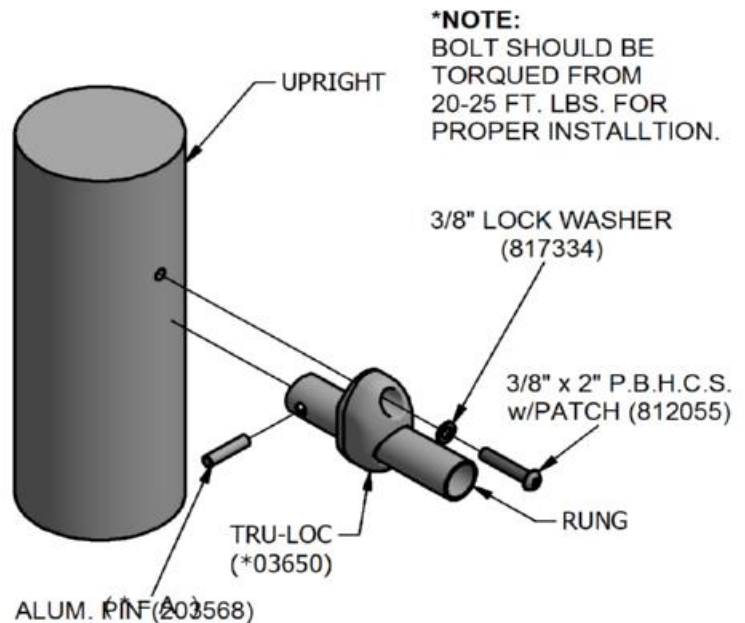
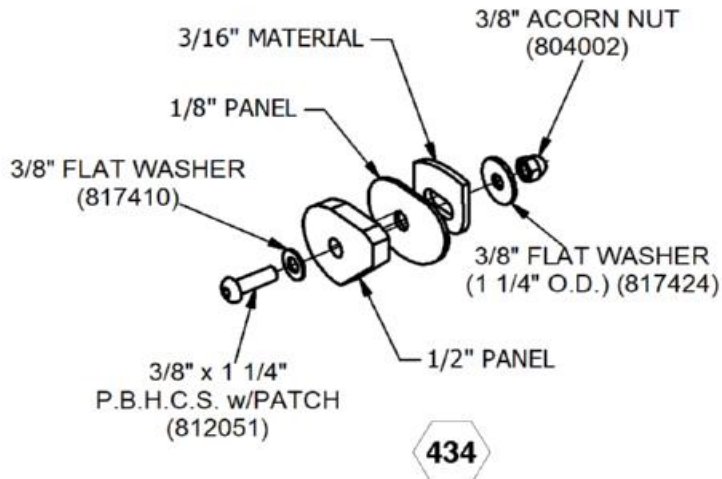
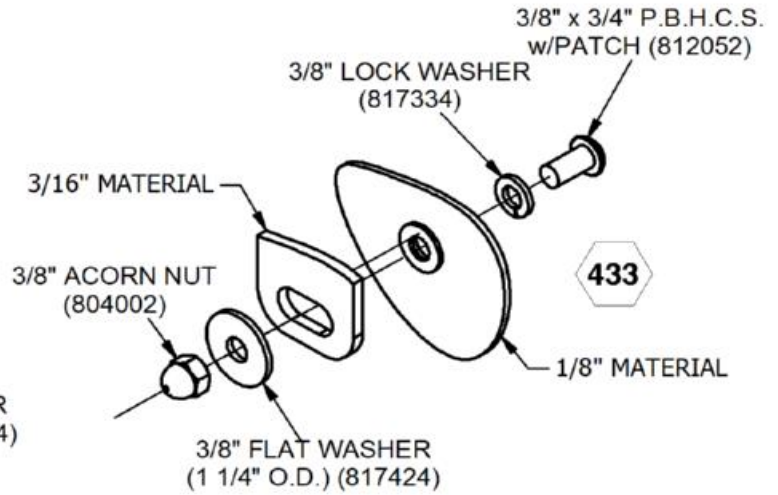
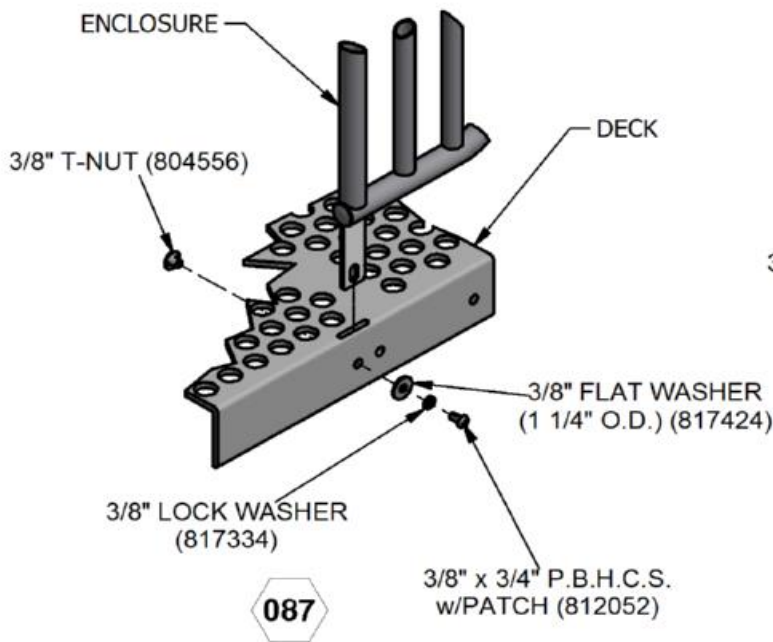
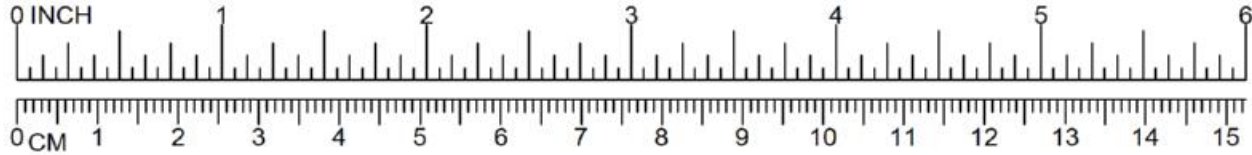
DETAILS -for- 5409RP

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



***NOTE:**
BOLT SHOULD BE
TORQUED FROM
20-25 FT. LBS. FOR
PROPER INSTALLTION.

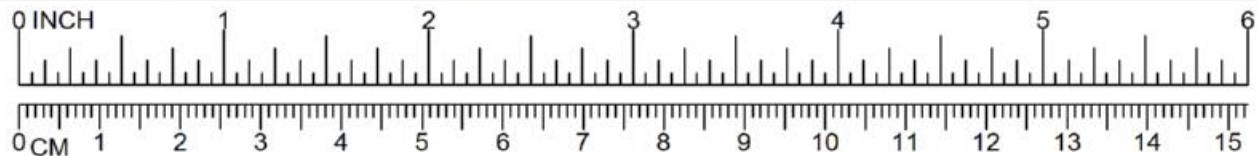
DETAILS -for- 5409RP

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



1/4" FLAT WASHER
(5/8" O.D.) (817408)

(135499 STEM)

WELD
ASS'Y

1/4" CHERRY MATE
RIVET (135499
SLEEVE)

HDPE
TRIM

743

NOTE 1: HDPE TRIM PIECES MUST ALWAYS BE PLACED TO THE OUTSIDE FACE OF THE COMPONENT.

NOTE 2: STEM SIDE OF RIVET MUST ALWAYS BE ON METAL SIDE OF THE COMPONENT. FLUSH SIDE OF RIVET MUST ALWAYS BE ON THE HDPE SIDE OF COMPONENT.



A PLAYCORE Company

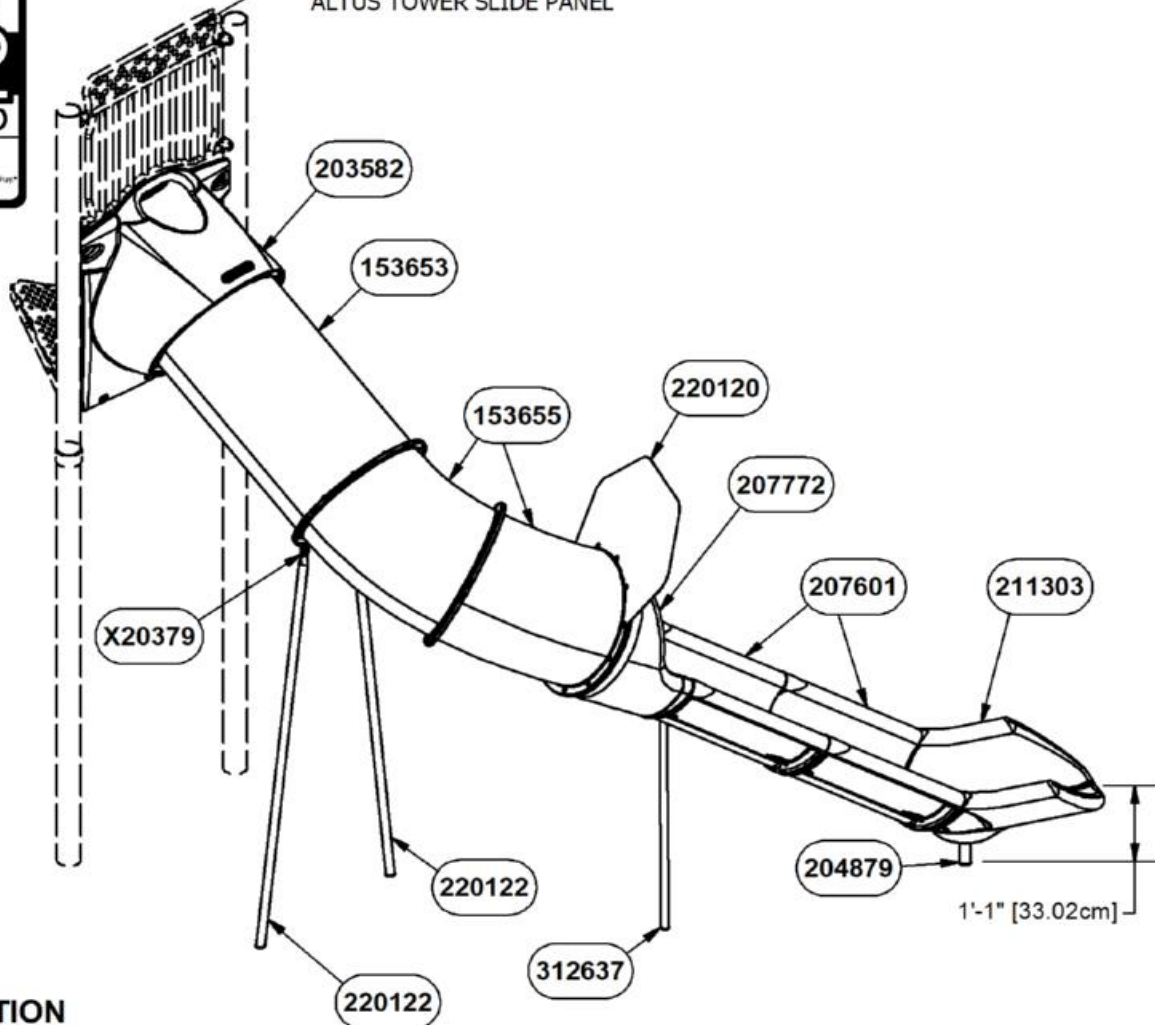
1-800-235-2440

ISSUED/REVISED: 10/15/2020

6055RP ALTUS X TOWER TUBE TO OPEN LEFT SIDE



REFER TO MODULAR EQUIPMENT
TOP VIEW FOR CORRECT
ALTUS TOWER SLIDE PANEL

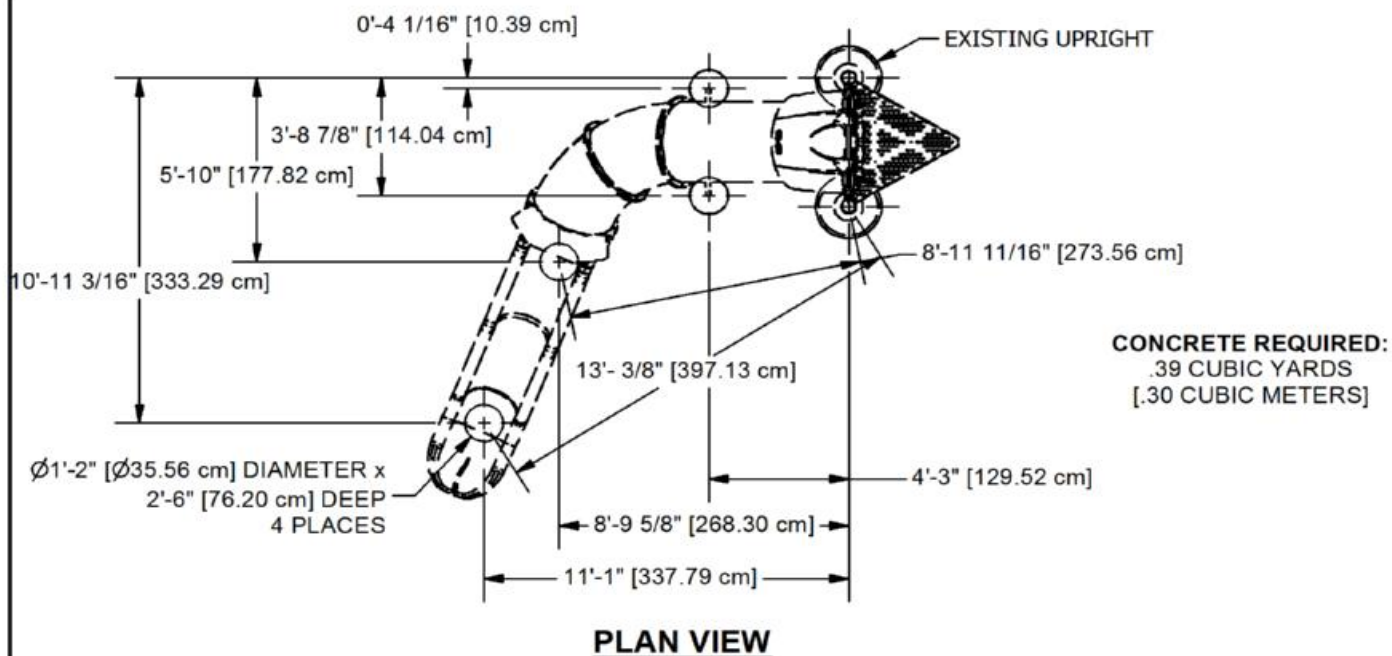


INSTALLATION INSTRUCTIONS

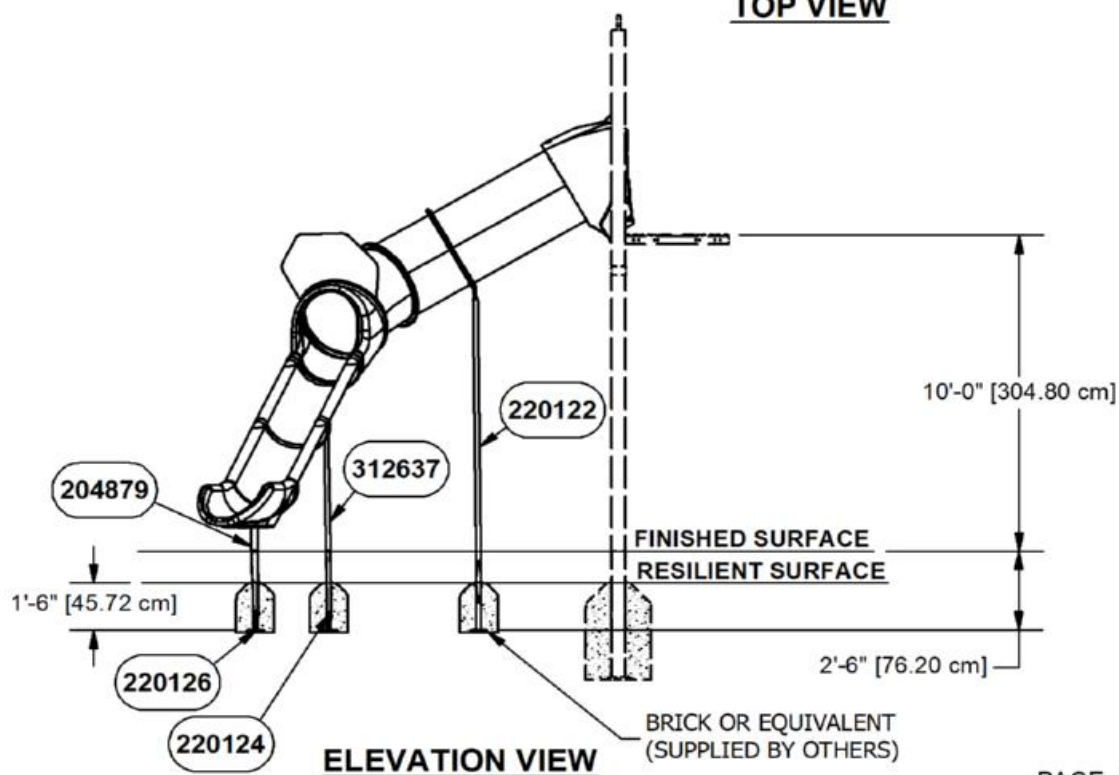
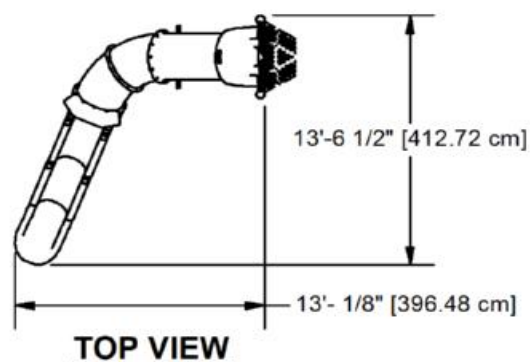
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

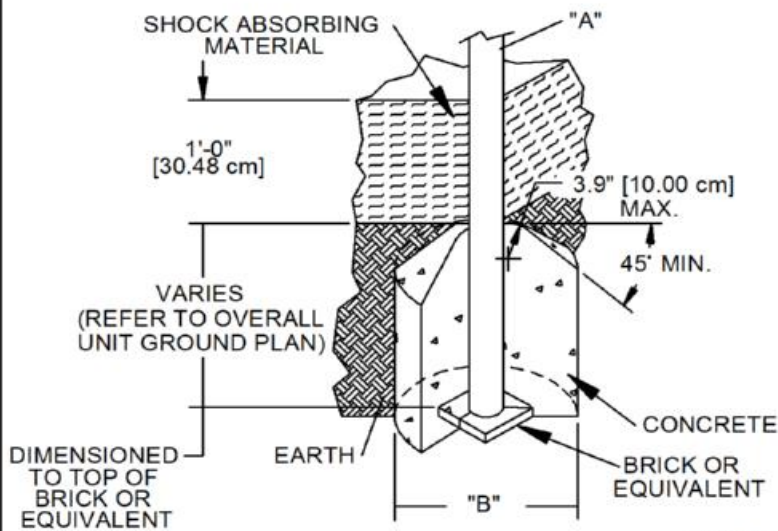
EXIT HEIGHT CHART	
STANDARD	EXIT HEIGHT from SURFACING
ASTM	7" TO 15"
CSA	175mm TO 380mm
EN	350mm OR LESS

This document contains proprietary information, and is not to be reproduced without written permission from GameTime and is not to be used in any manner detrimental to the interests of GameTime



NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.





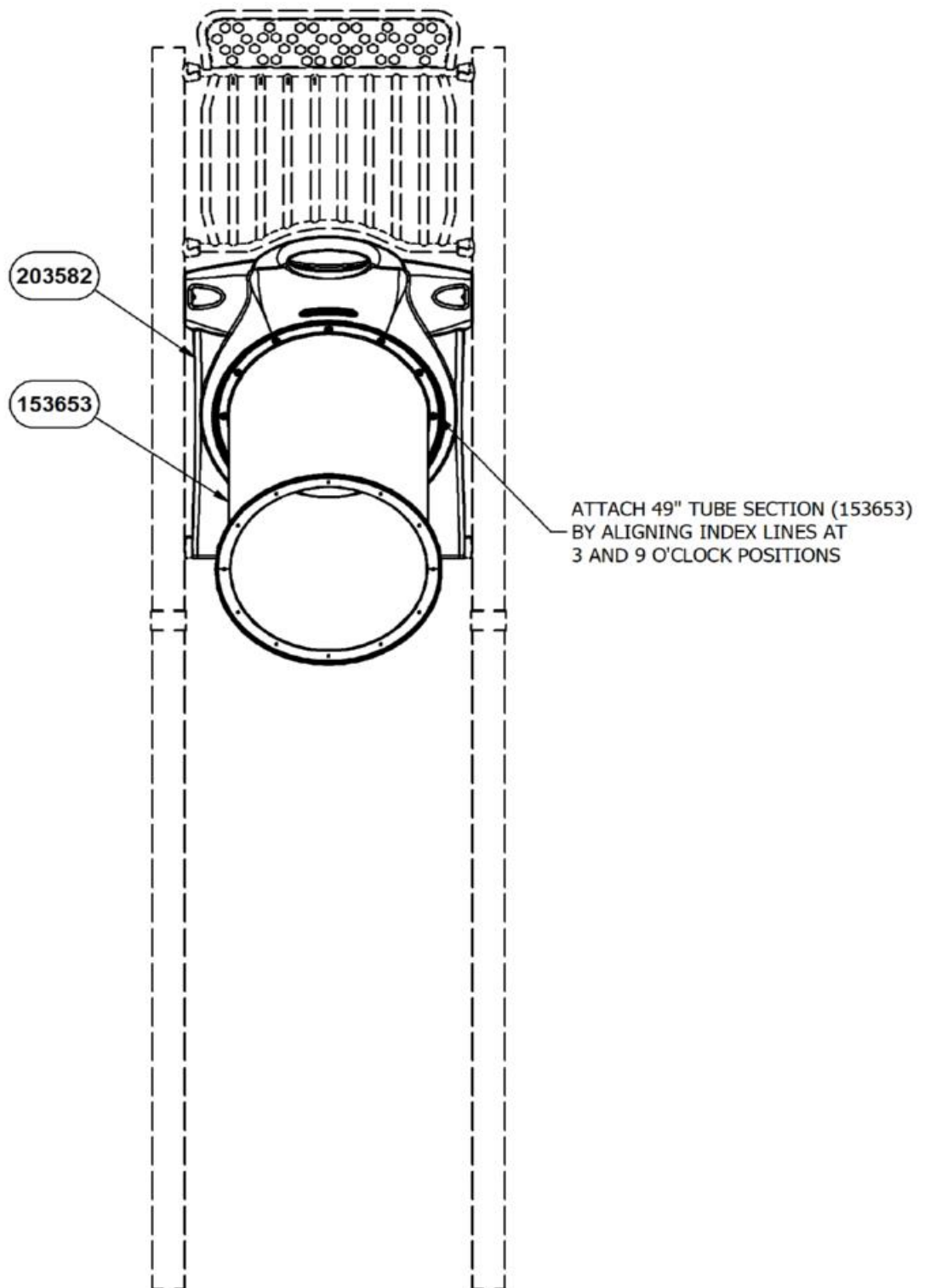
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]

NOTES:

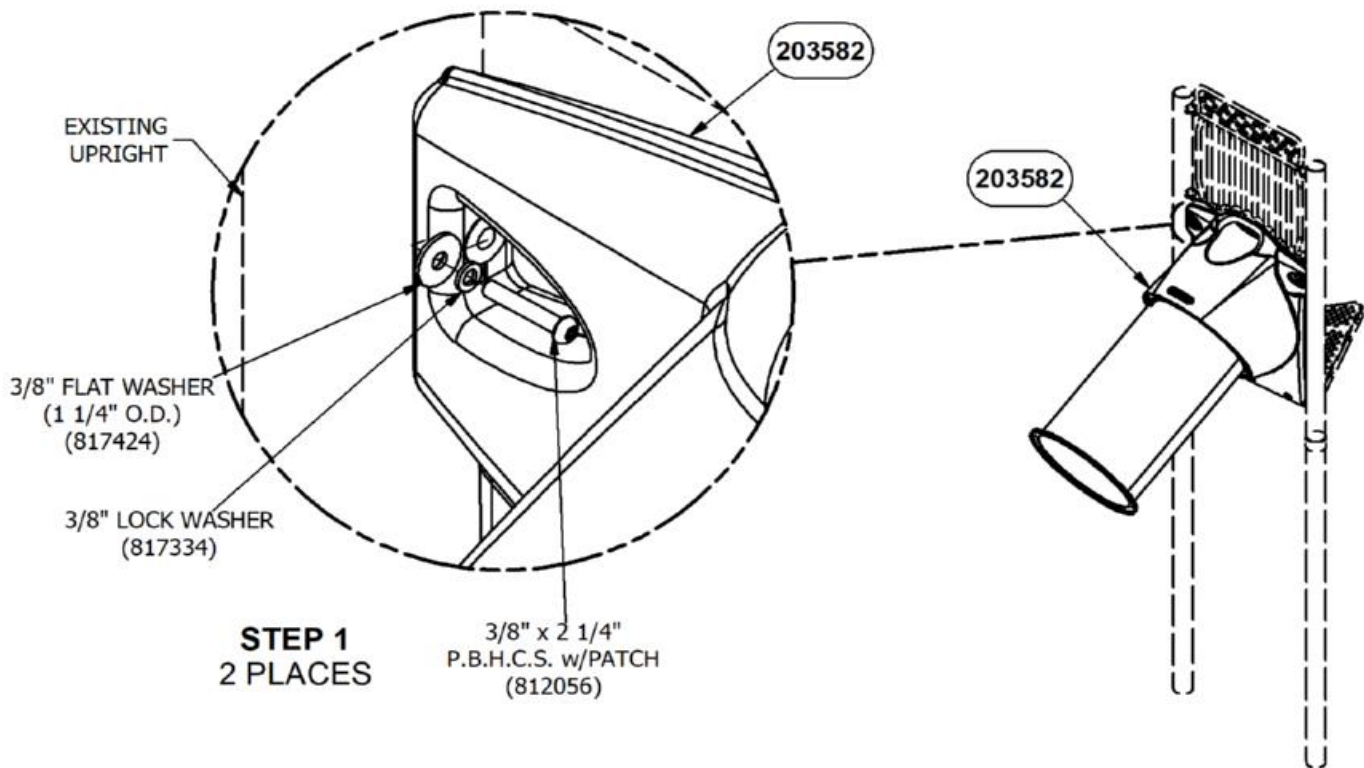
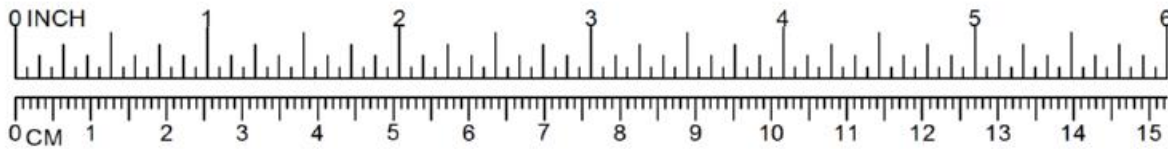
- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

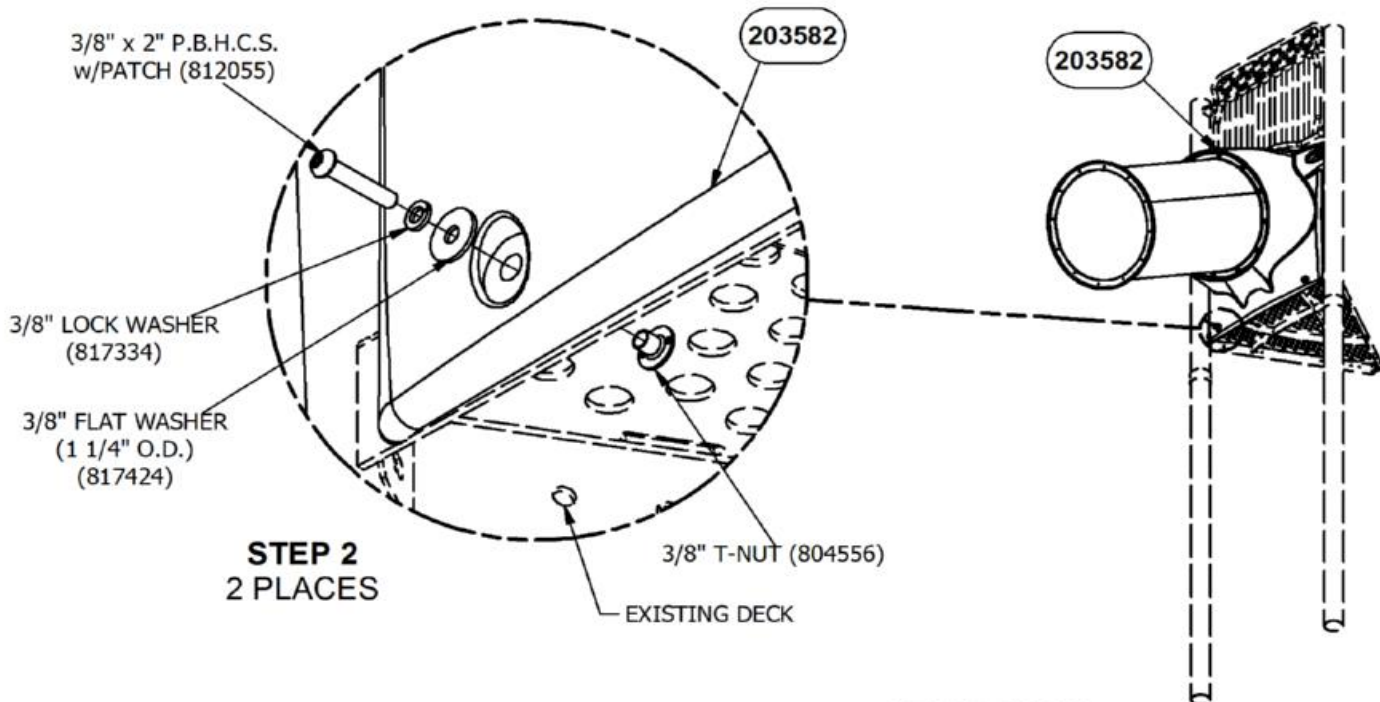
FOOTING DETAIL



ASSEMBLY VIEW
FIRST TUBE SECTION



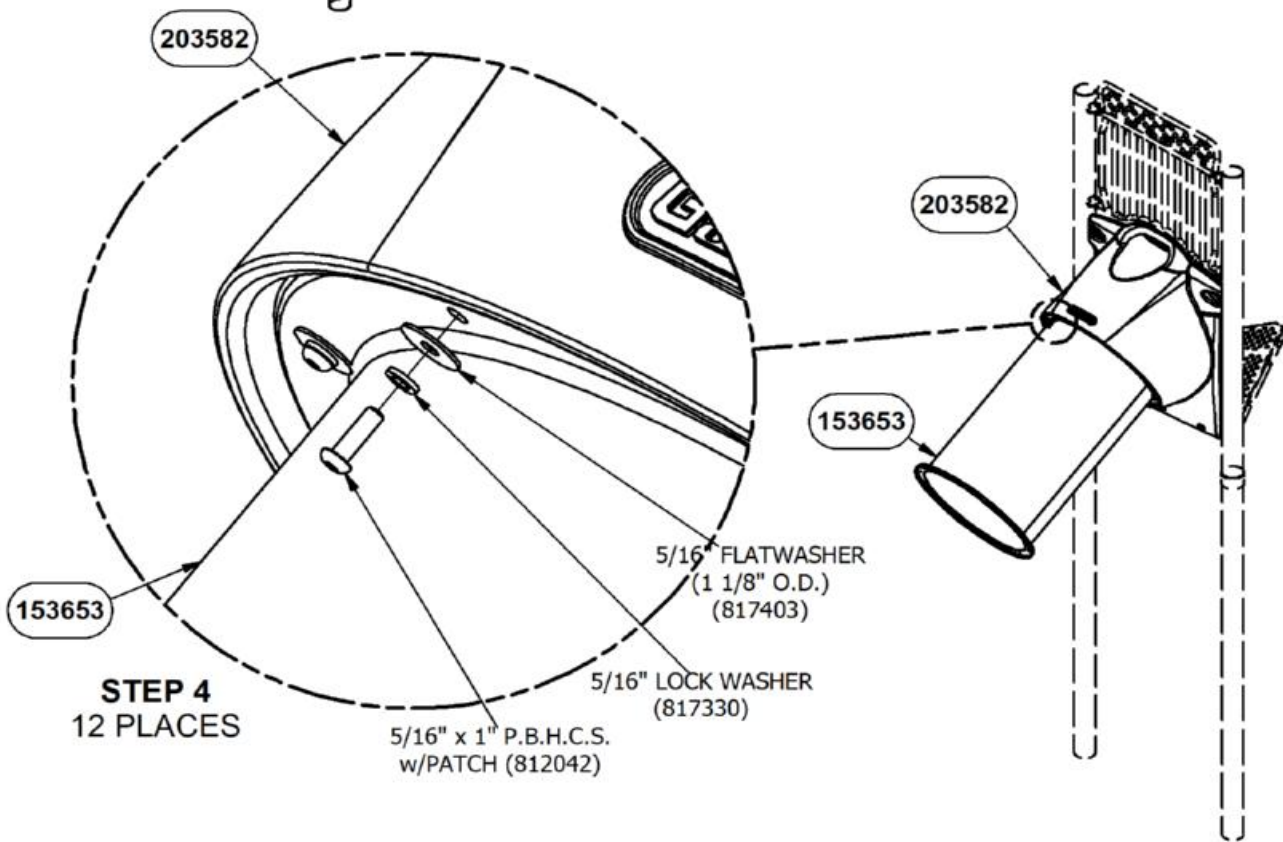
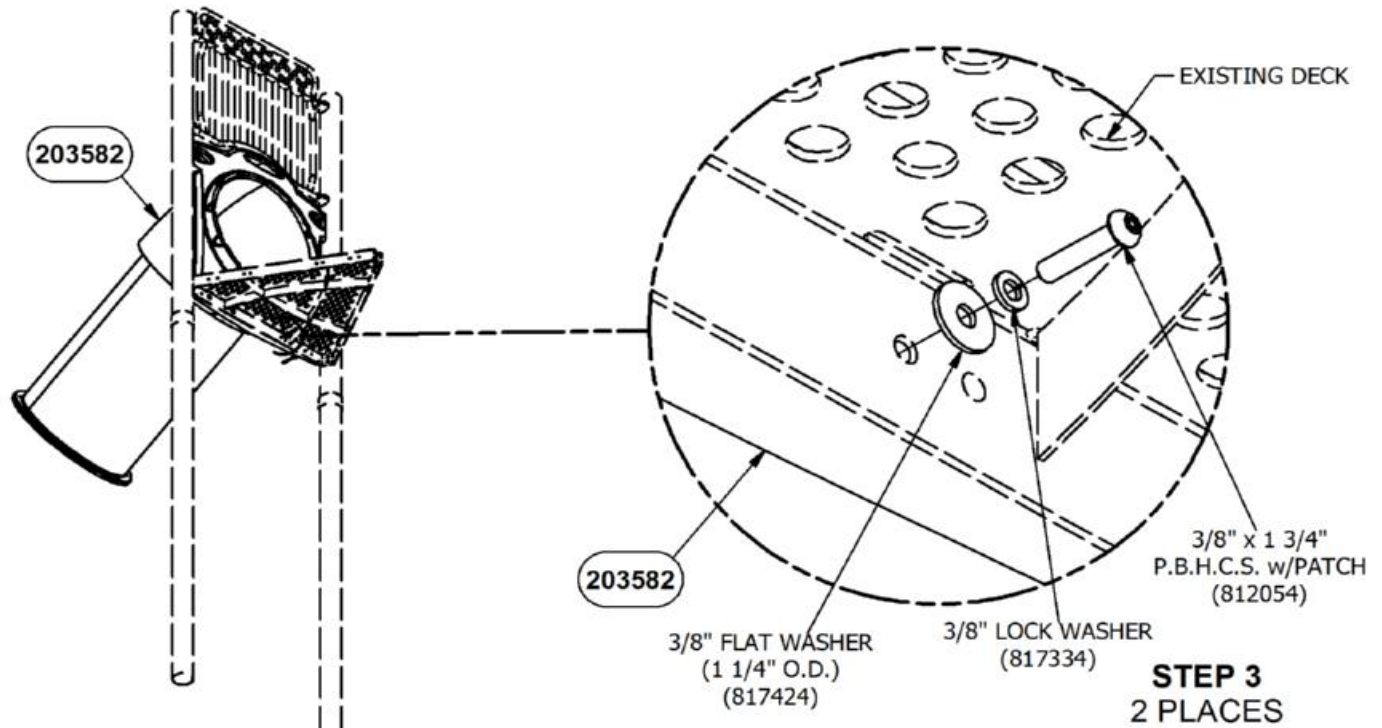
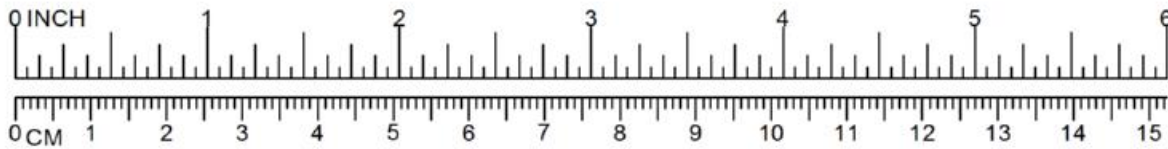
STEP 1
2 PLACES



STEP 2
2 PLACES

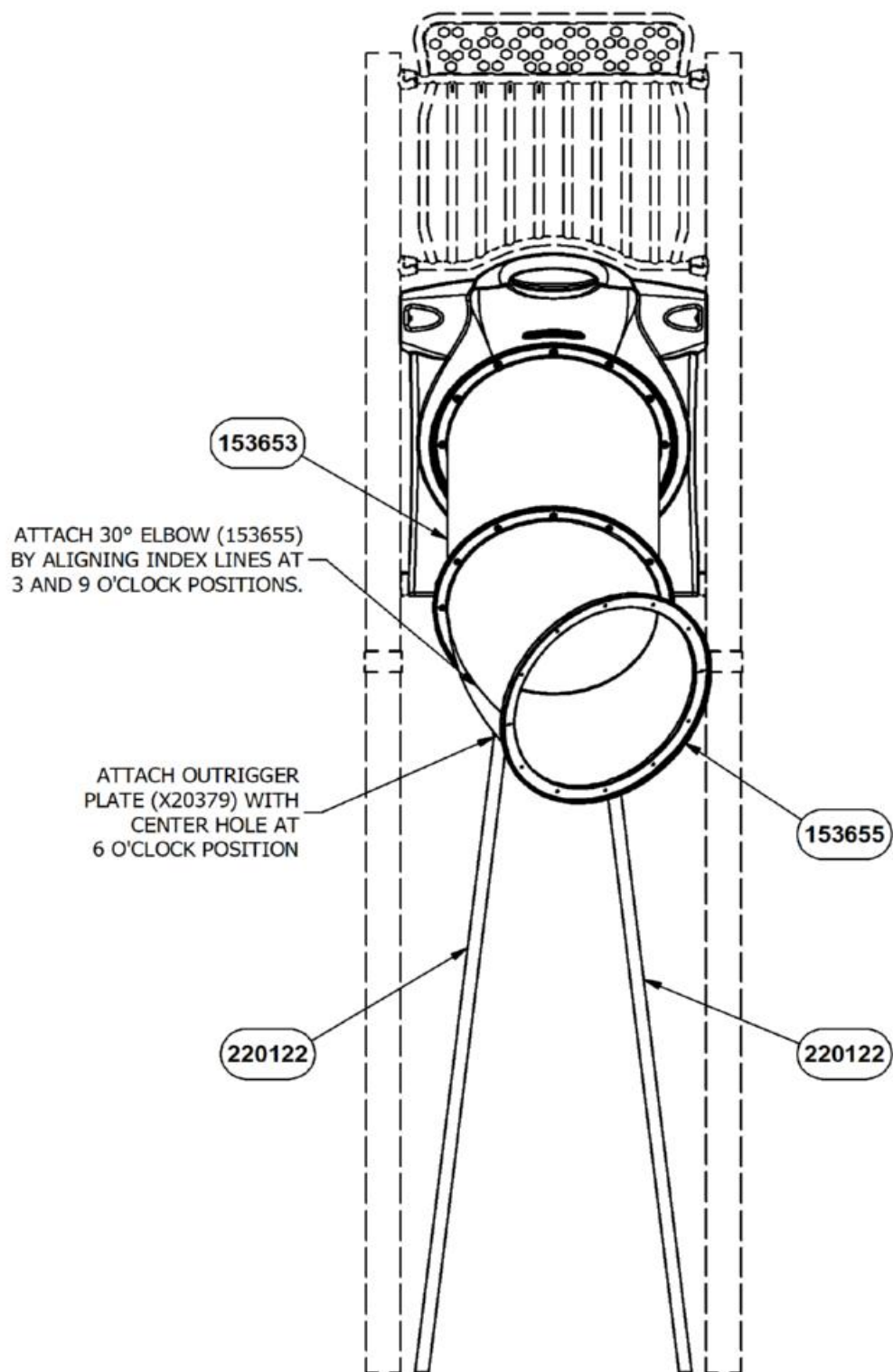
**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

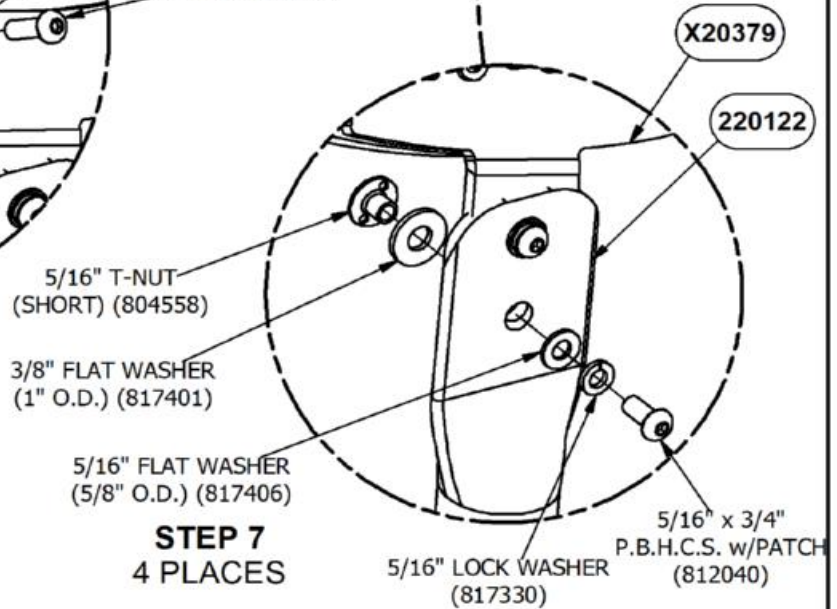
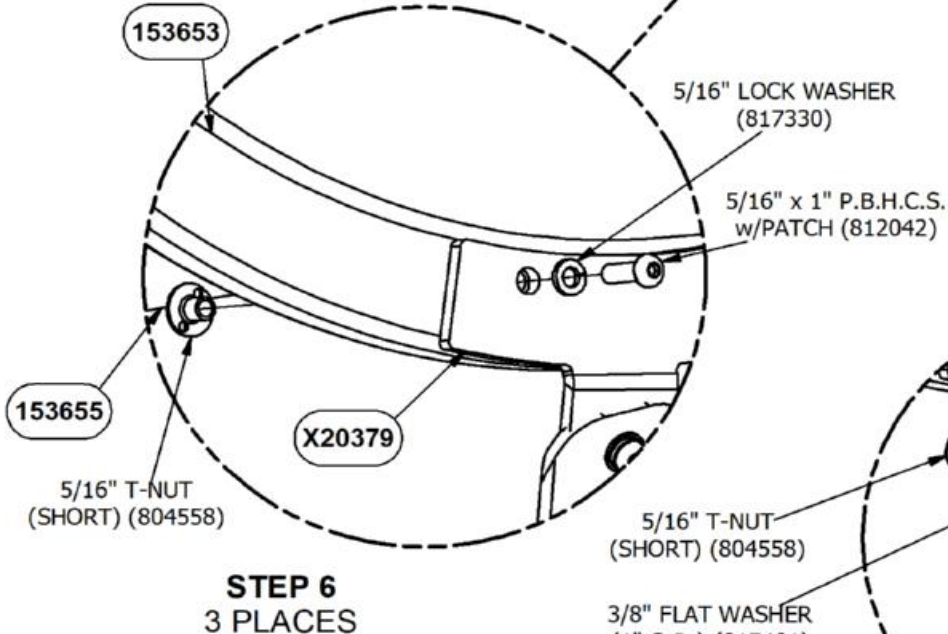
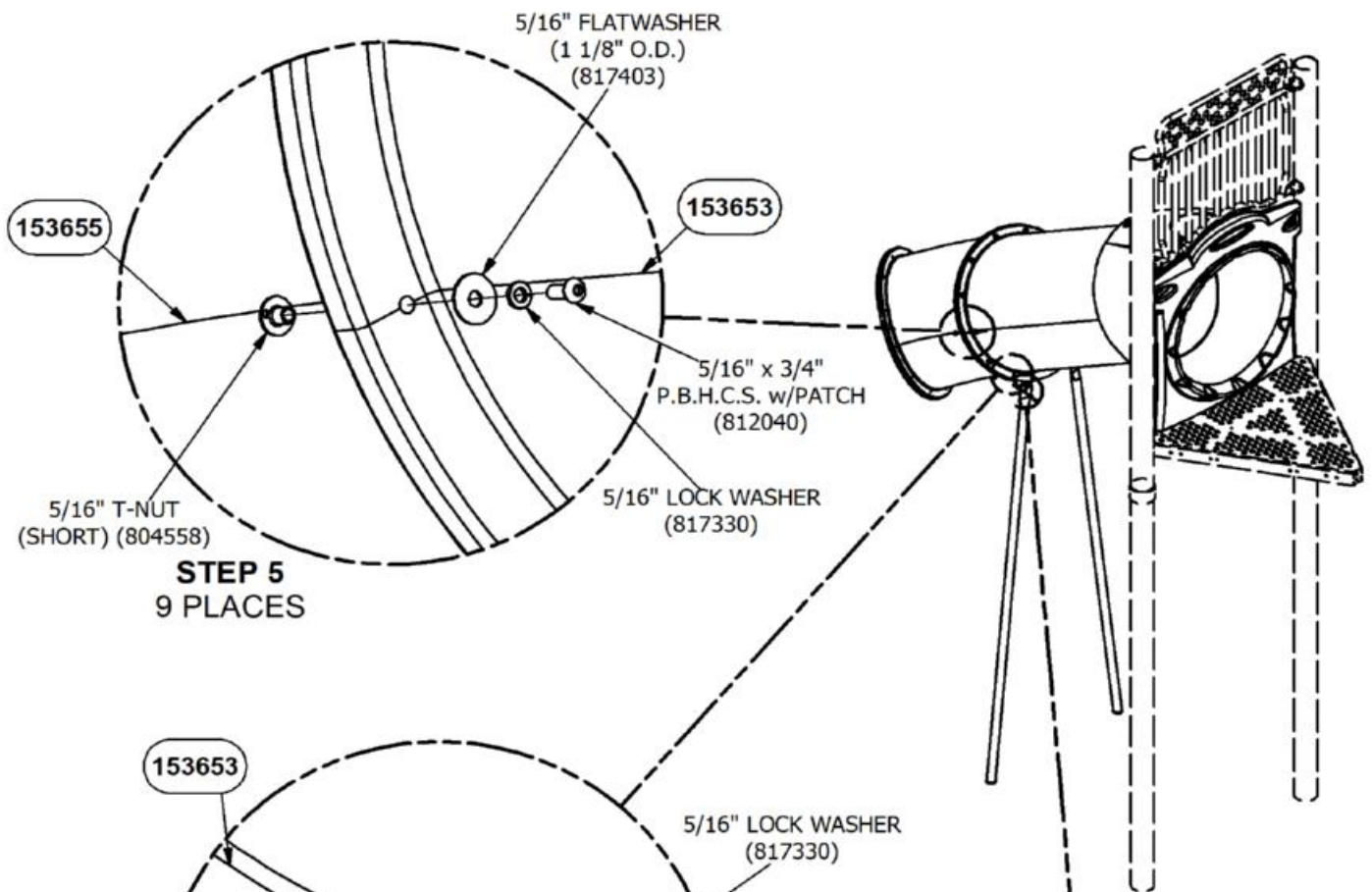
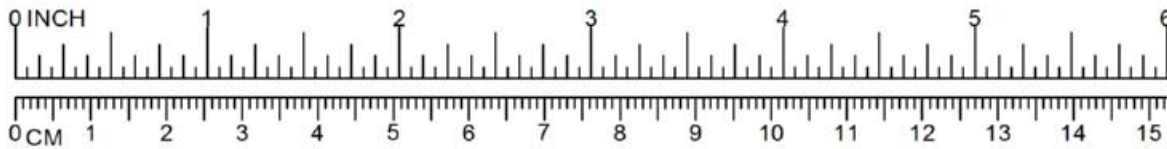


DETAIL VIEW

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

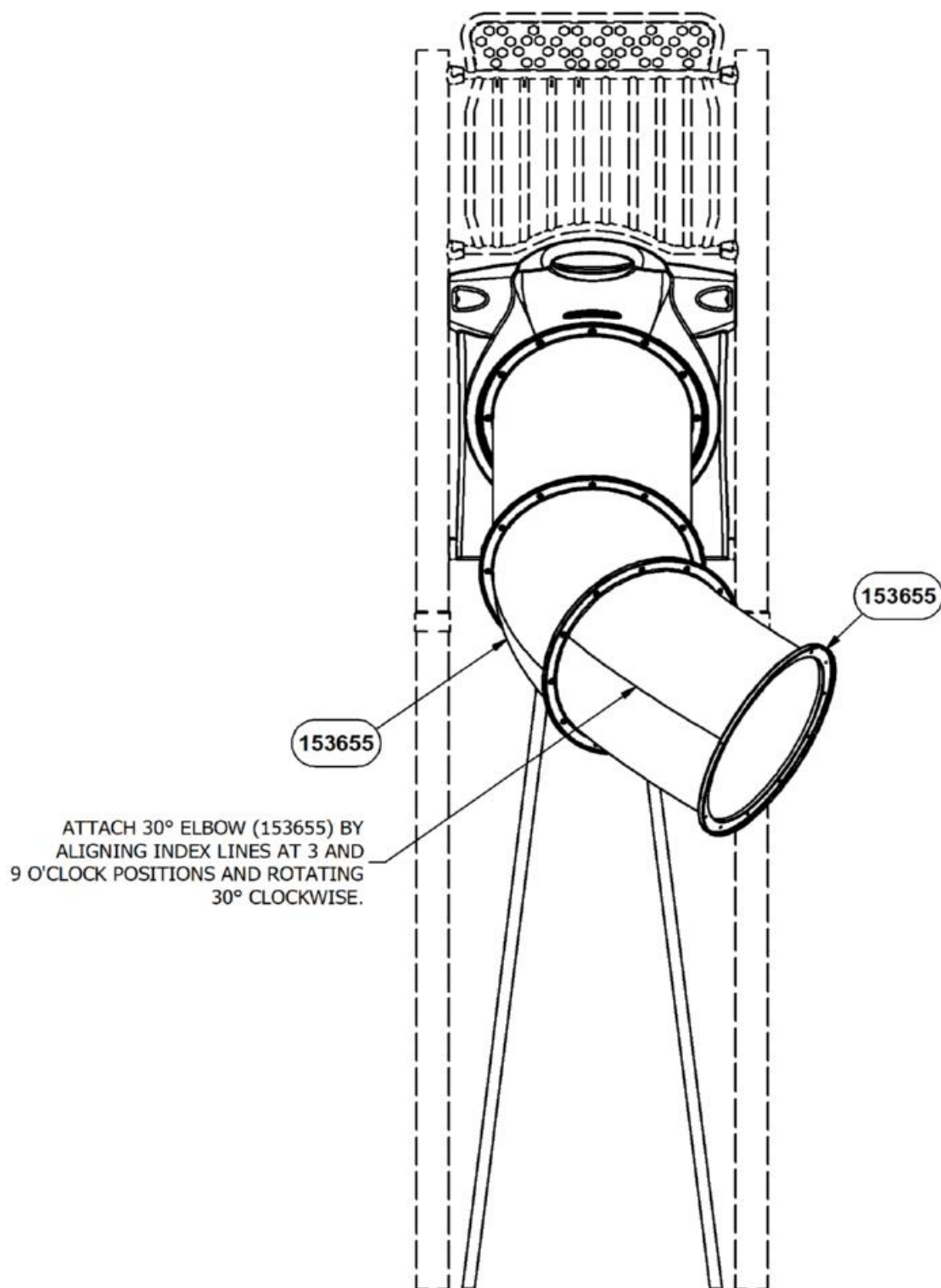


ASSEMBLY VIEW
SECOND TUBE SECTION

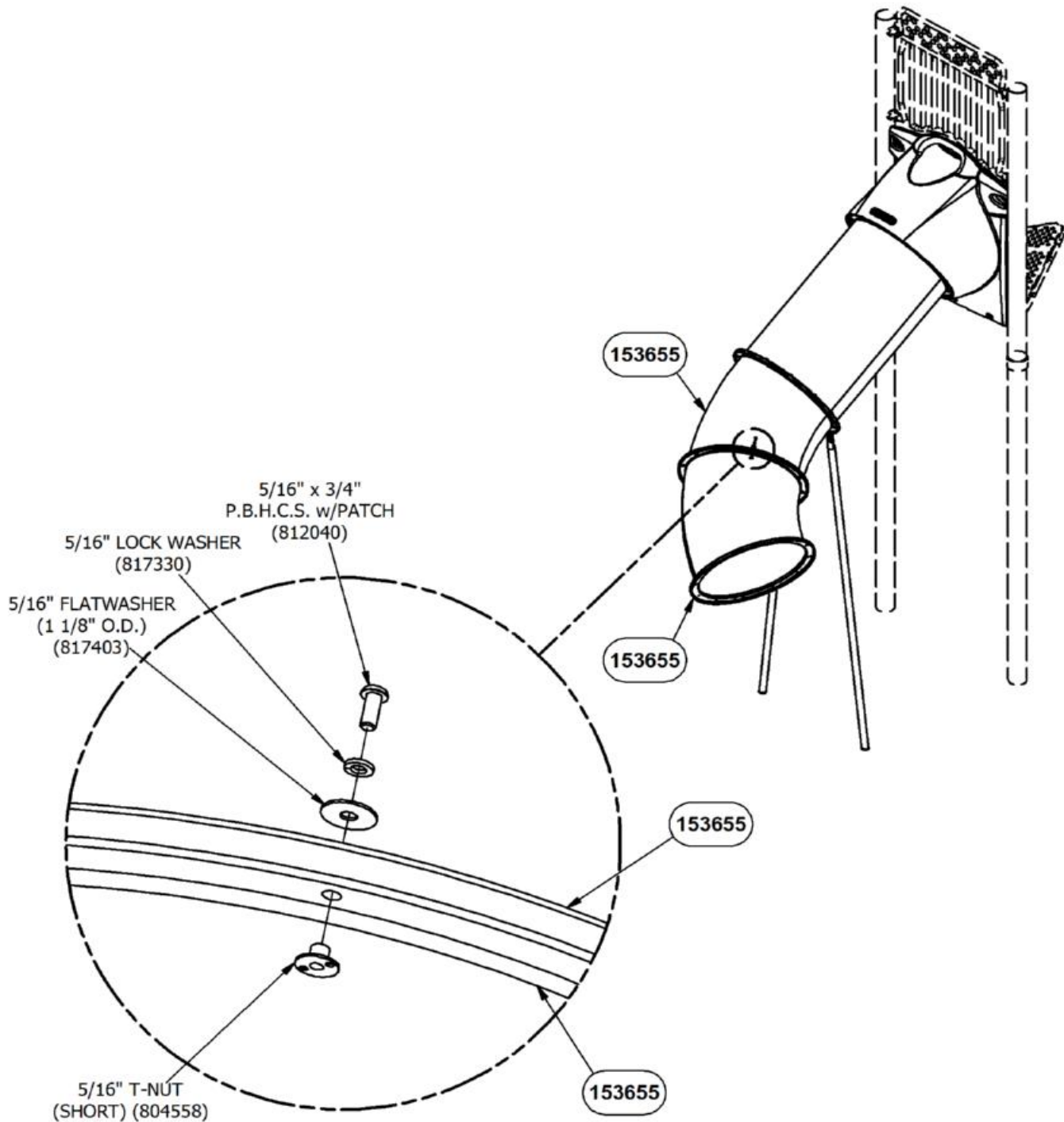
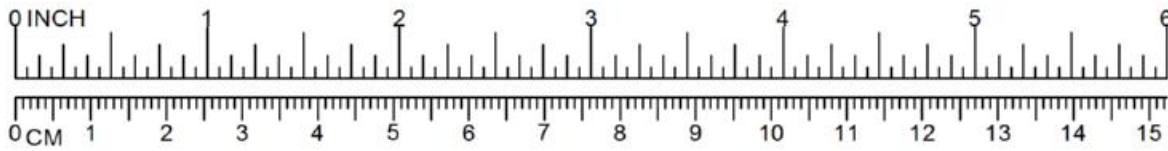


DETAIL VIEW

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



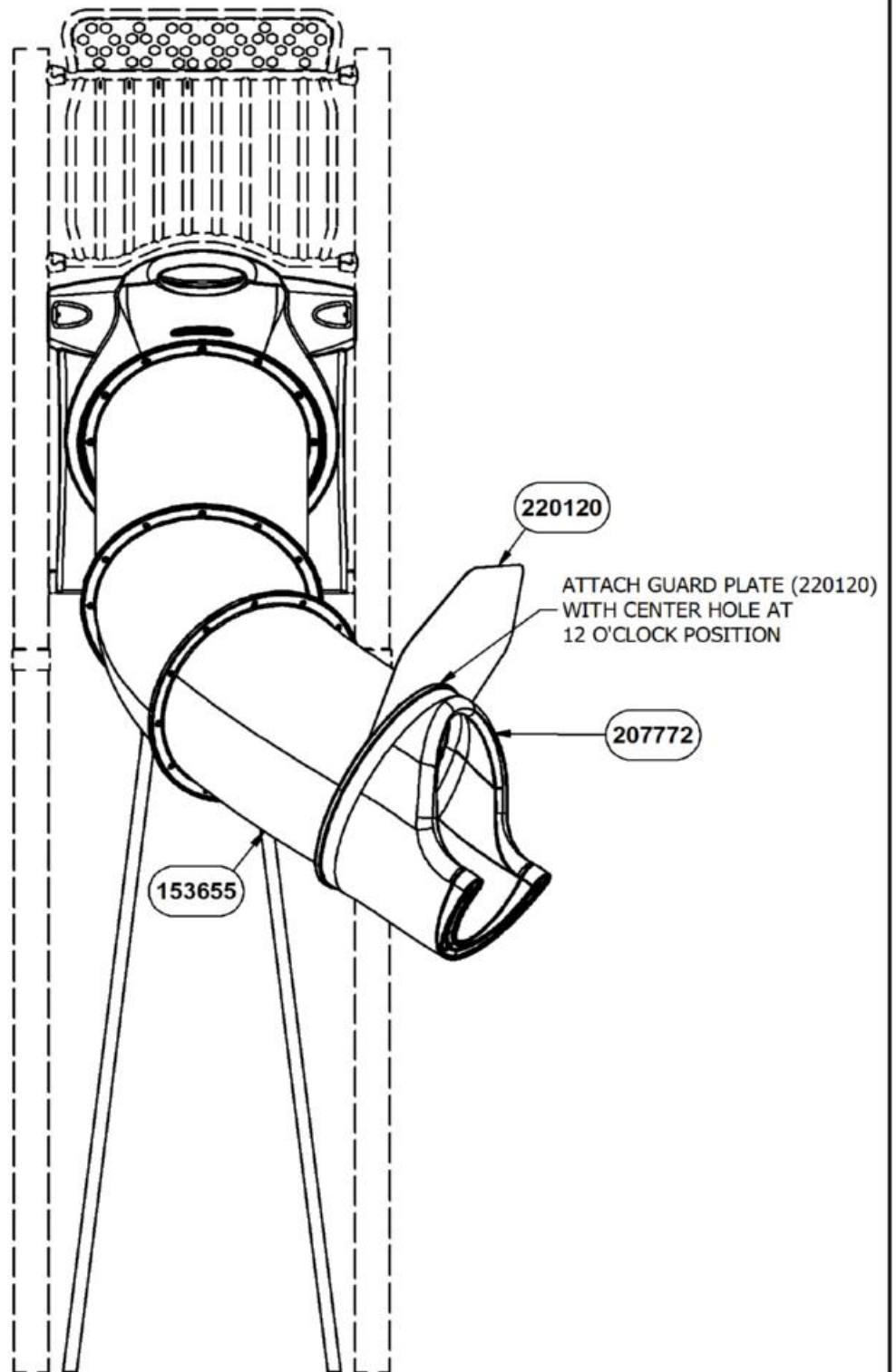
ASSEMBLY VIEW
THIRD TUBE SECTION



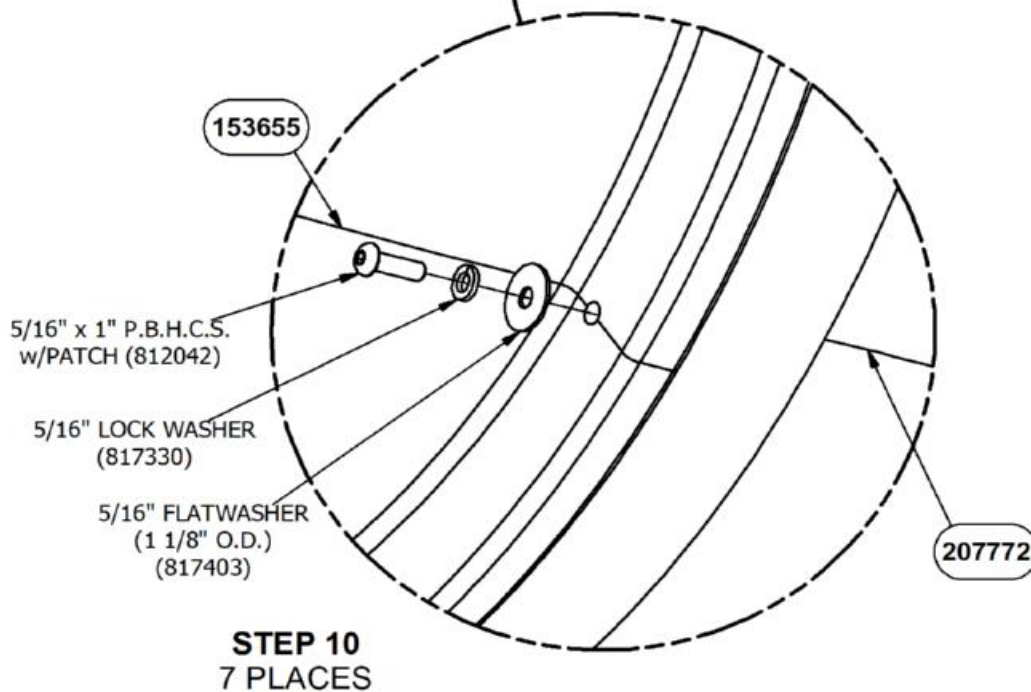
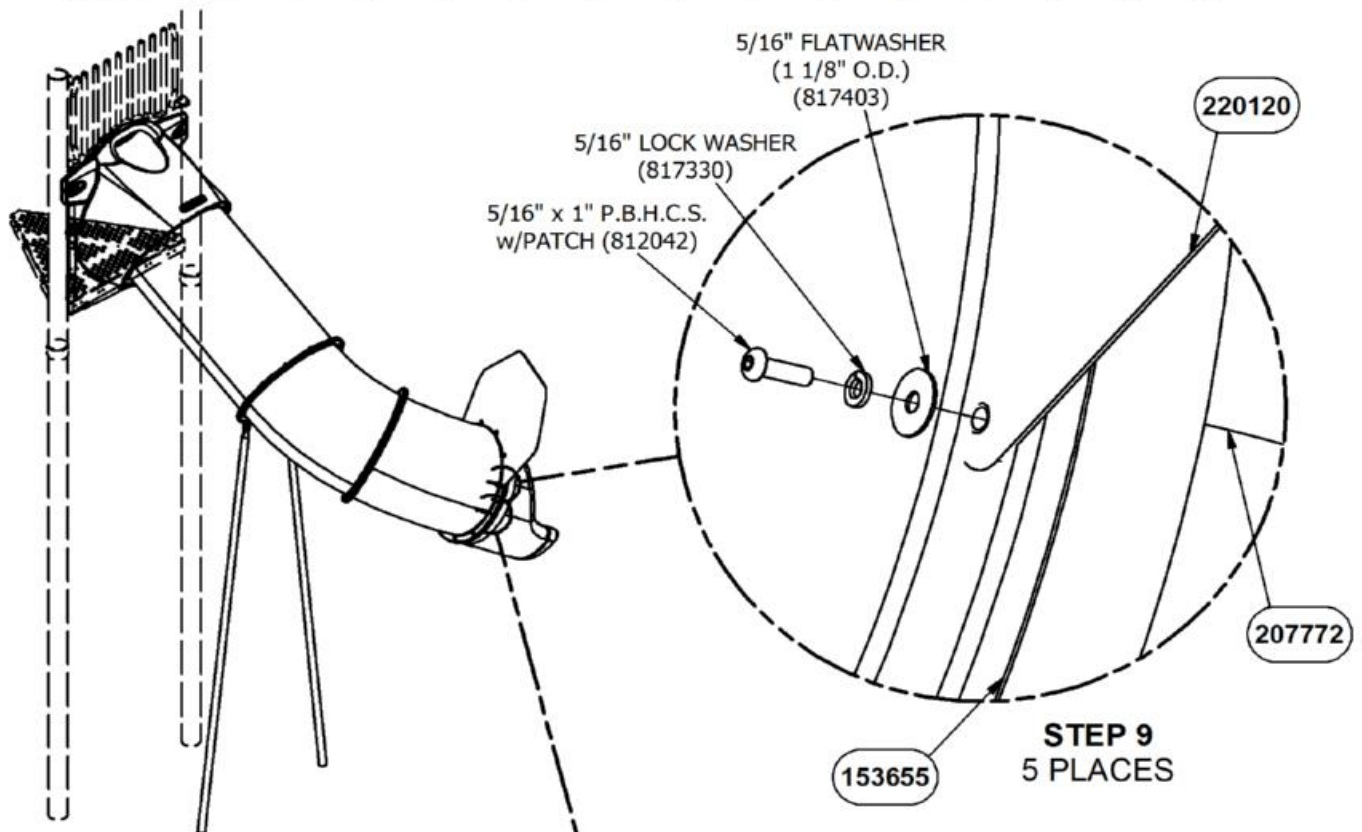
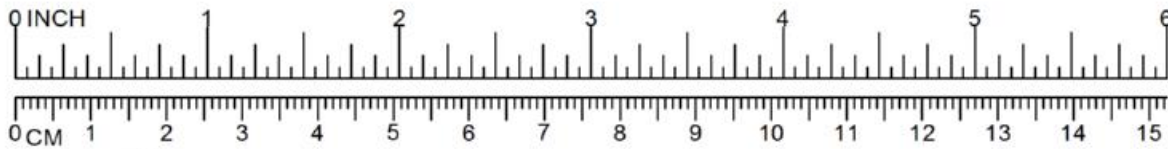
STEP 8
12 PLACES

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

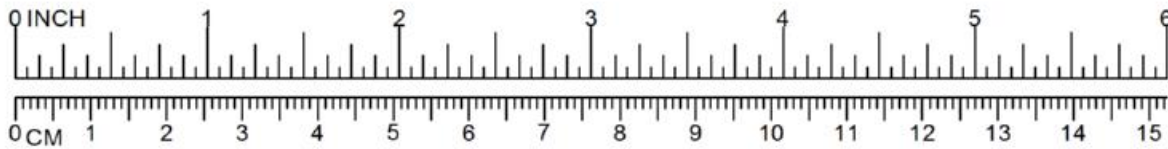


ASSEMBLY VIEW
WILDERTUBE SECTION

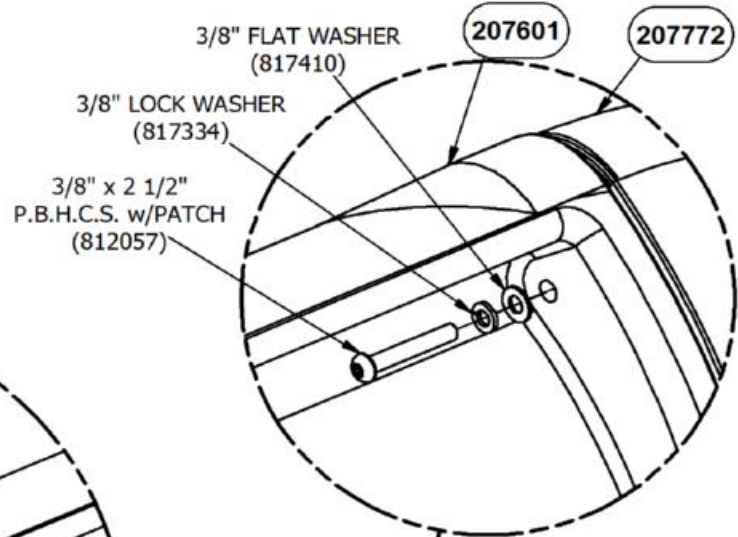


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

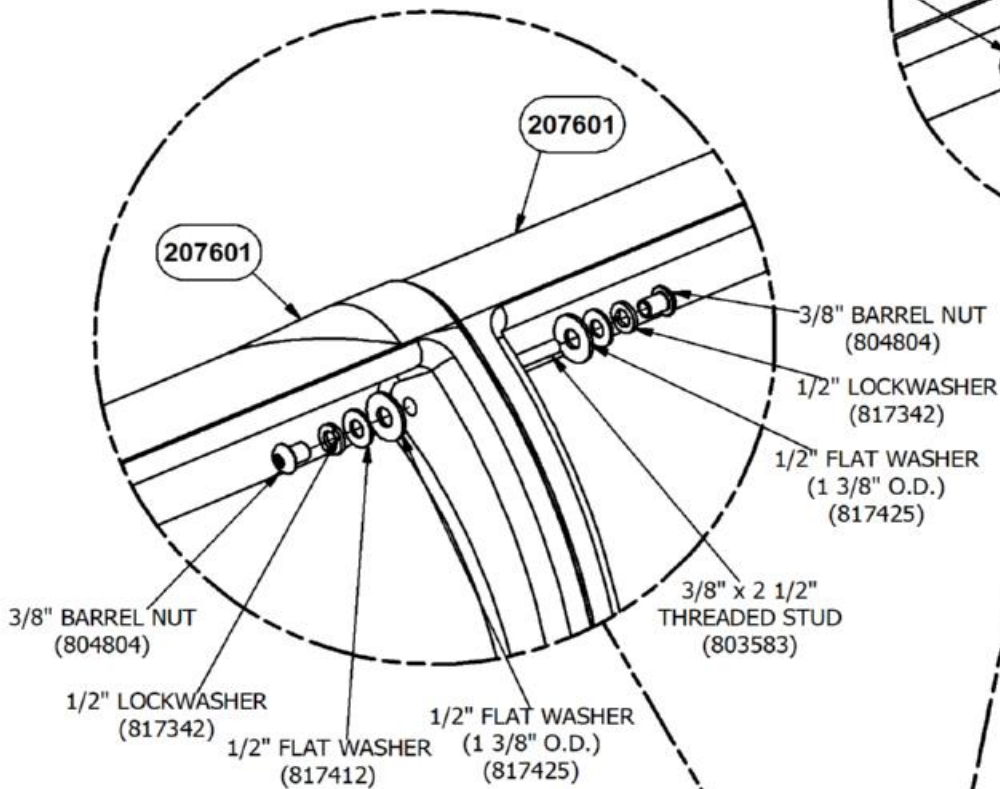


REFER TO
FIGURE #1
ON PAGE 17

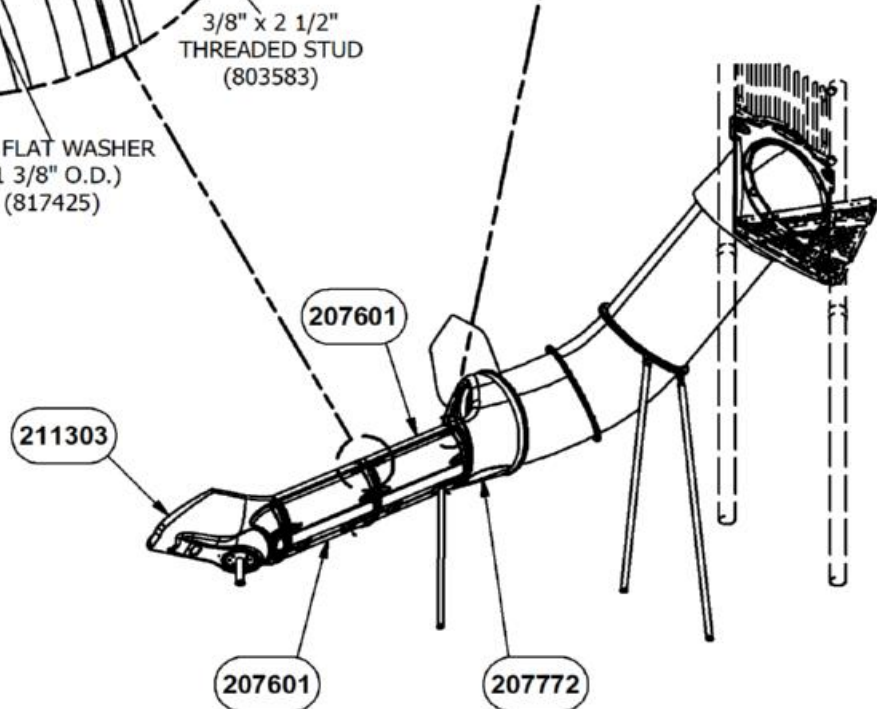


STEP 11
5 PLACES

REFER TO
FIGURE #2
ON PAGE 17

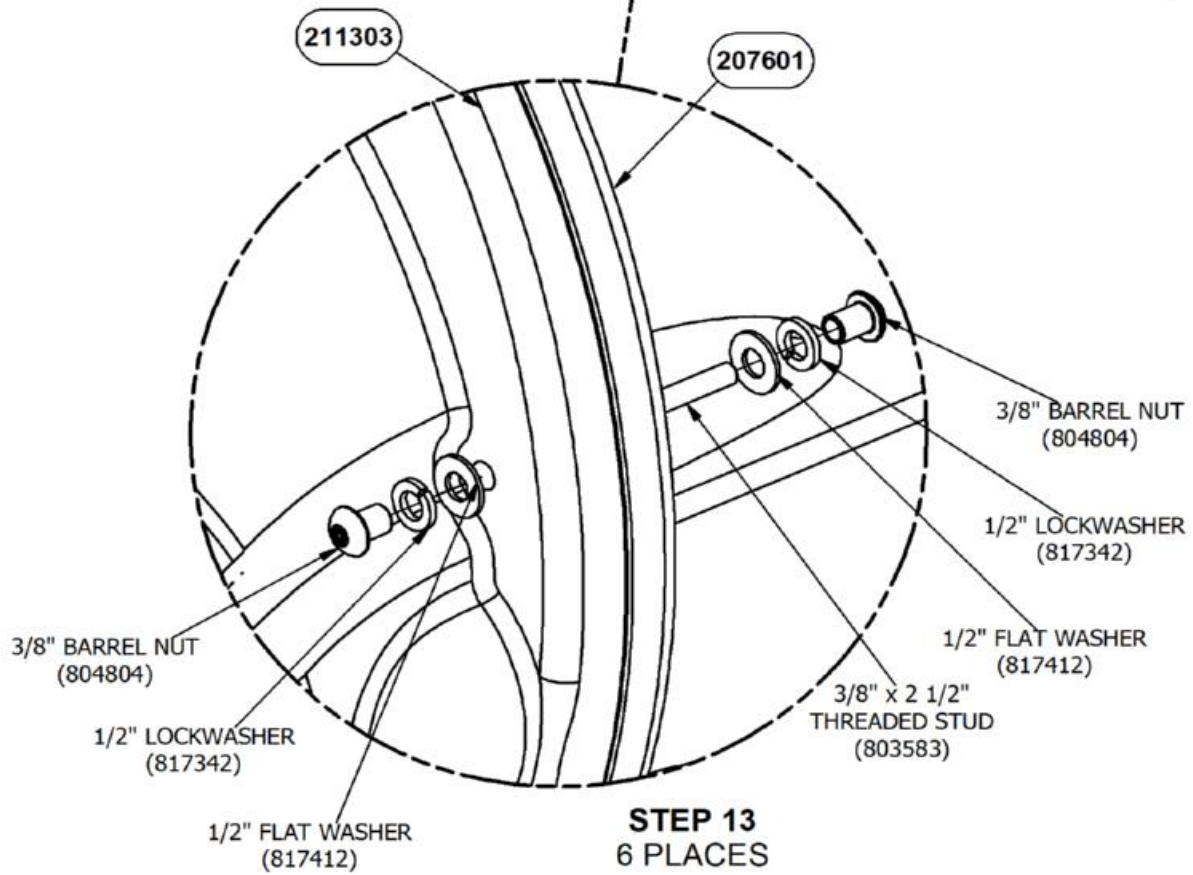
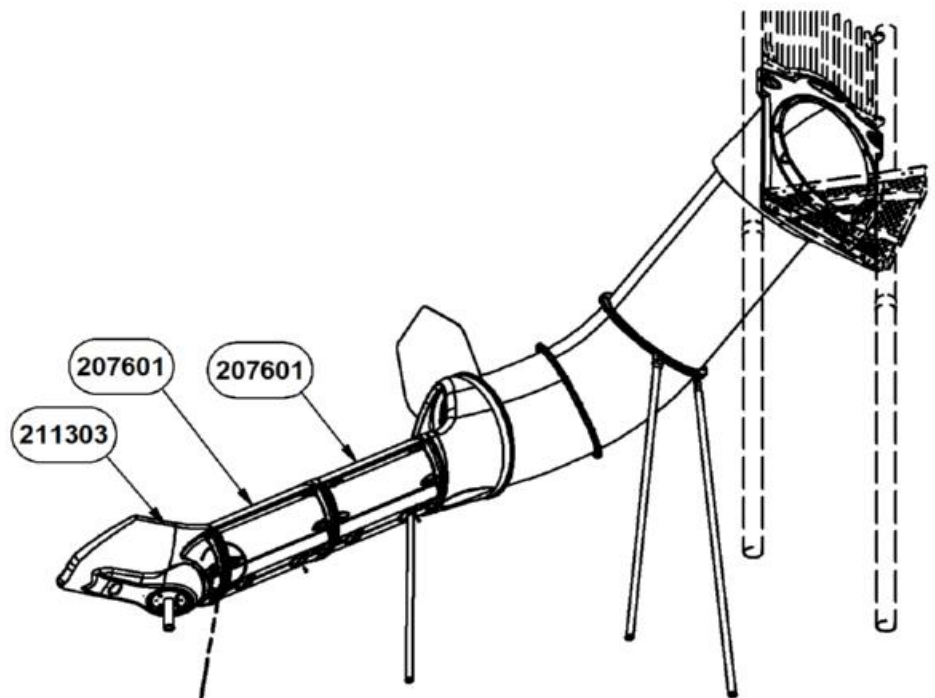
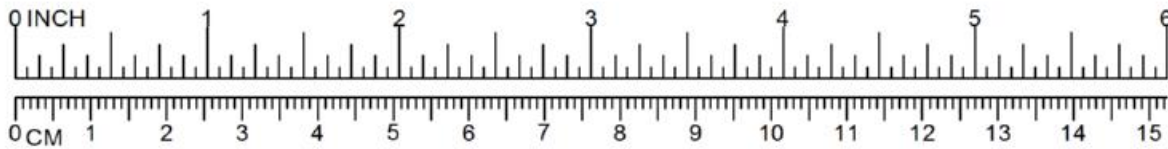


STEP 12
4 PLACES



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

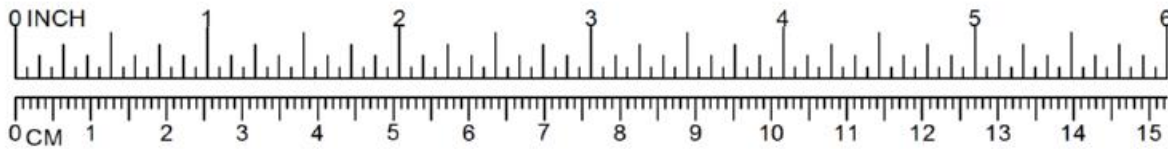
DETAIL VIEW



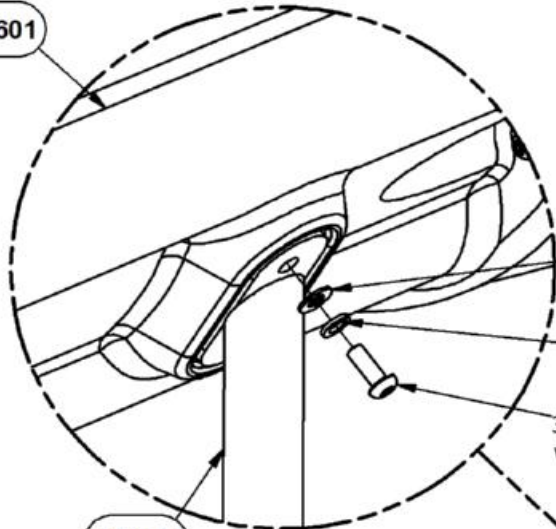
STEP 13
6 PLACES

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW



207601



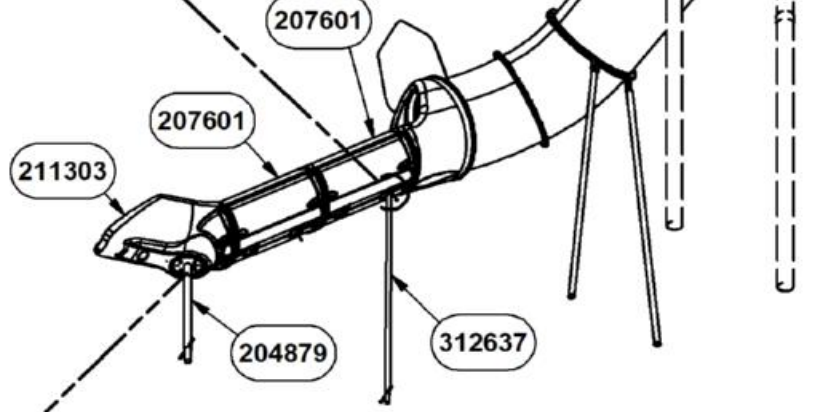
3/8" FLAT WASHER
(817410)

3/8" LOCK WASHER
(817334)

3/8" x 1" P.B.H.C.S.
w/PATCH (812050)

312637

STEP 14
2 PLACES



207601

207601

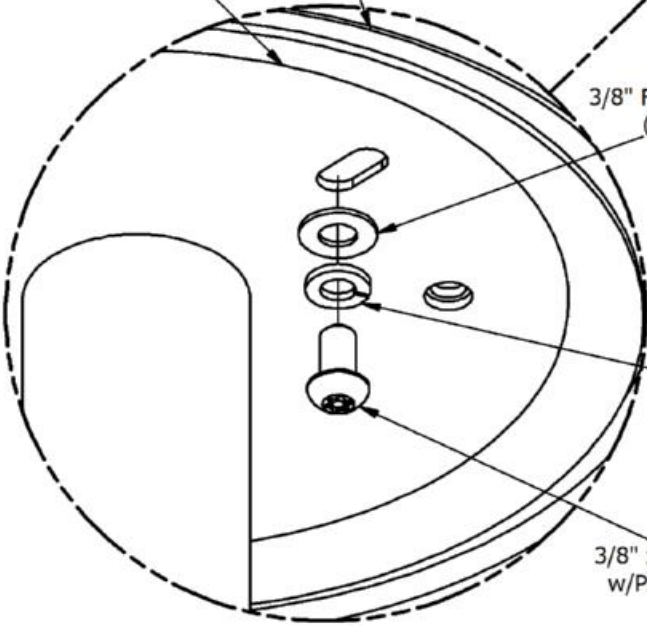
211303

204879

312637

204879

211303



3/8" FLAT WASHER
(817410)

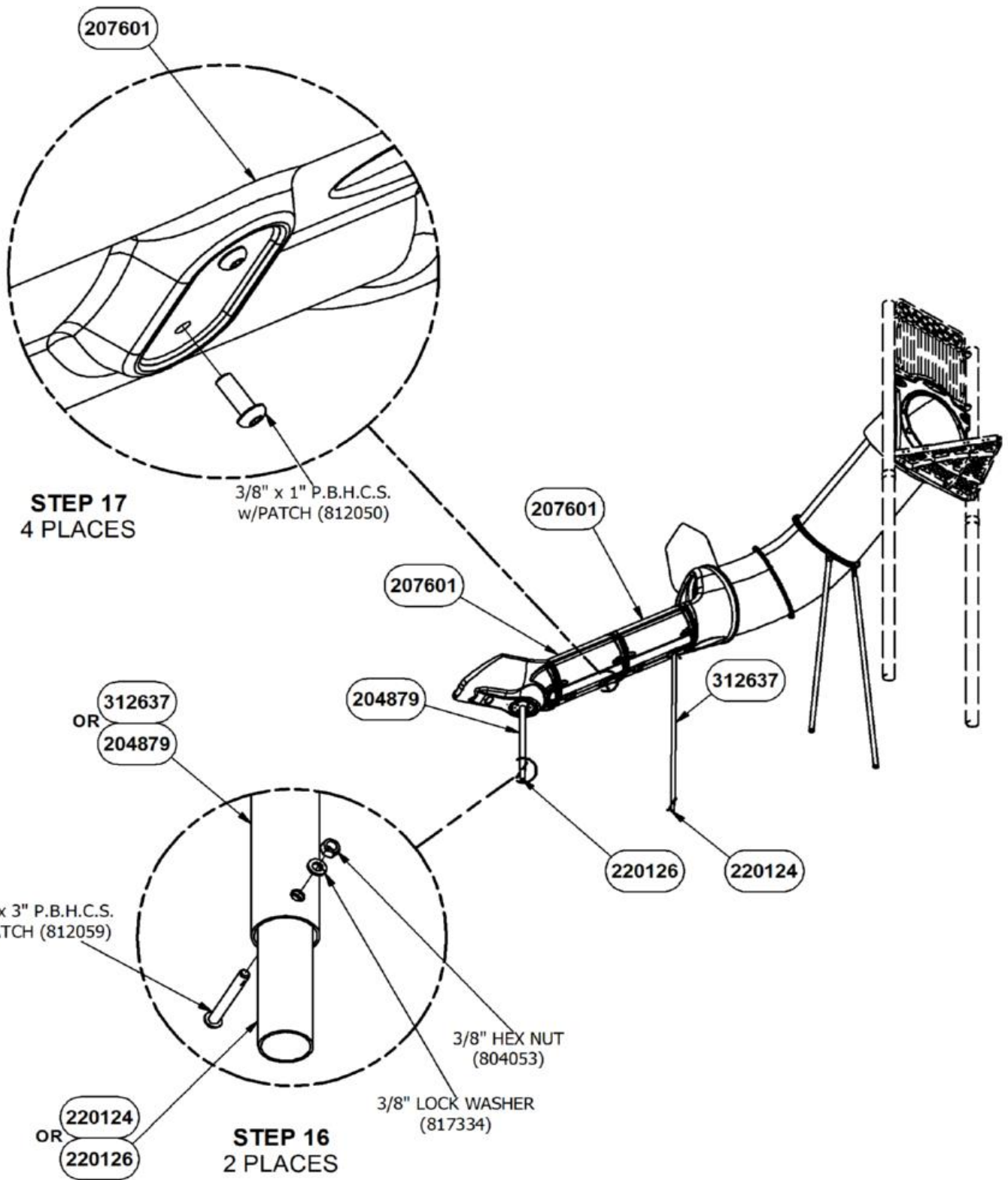
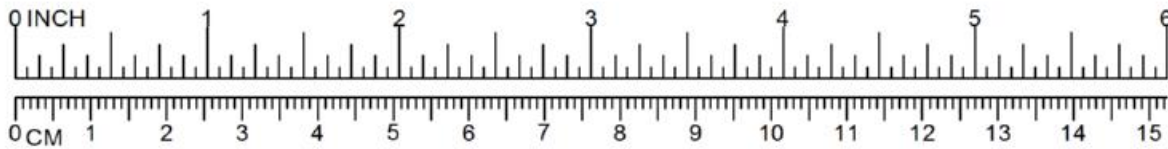
3/8" LOCK WASHER
(817334)

3/8" x 3/4" P.B.H.C.S.
w/PATCH (812052)

STEP 15
4 PLACES

DETAIL VIEW

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

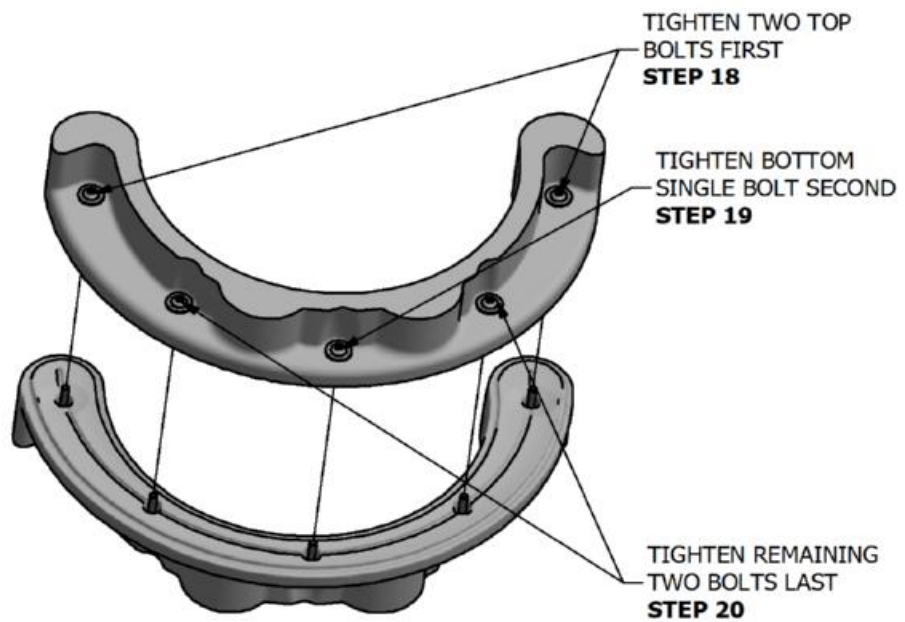


FIGURE #1

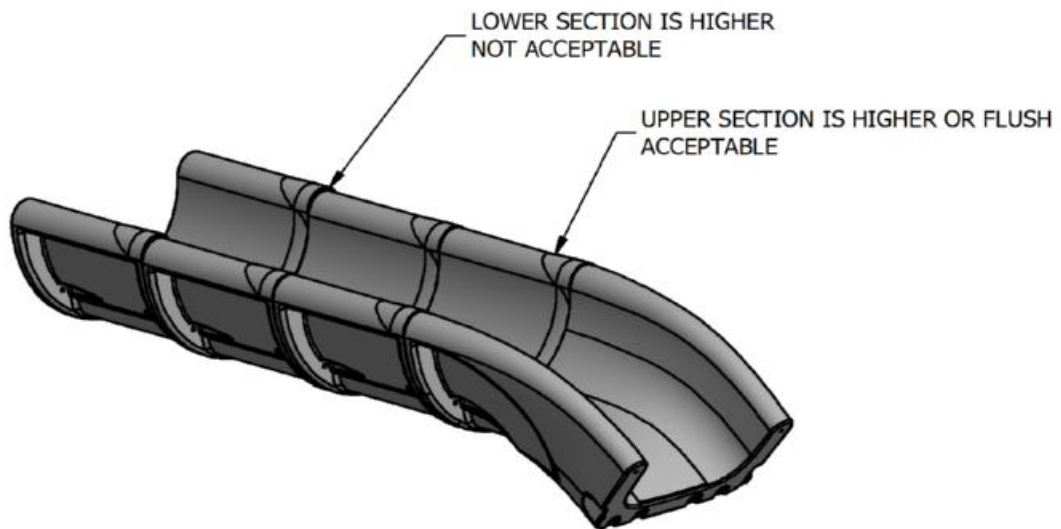


FIGURE #2

Parts List		
DESCRIPTION	QTY	PART NUMBER
TUBE ENTRANCE	1	203582
WILBERTUBE SECTION	1	207772
30 DEGREE ELBOW	2	153655
49" TUBE SECTION (Ø30")	1	153653
DOUBLE STRAIGHT SECTION	2	207601
EXIT SECTION	1	211303
SUPPORT ASS'Y 2	1	312637
FOOTBUCK WELD ASS'Y	1	204879
OUTRIGGER PLATE	1	X20379
SLIDE GUARD PLATE	1	220120
LONG FORMED FOOTBUCK	2	220122
SHORT EXTENSION	1	220124
LONG EXTENSION	1	220126
HARDWARE COMPLETE	1	6055HW
5/16" x 3/4" P.B.H.C.S. w/PATCH	25	812040*
5/16" x 1" P.B.H.C.S. w/PATCH	27	812042*
5/16" FLATWASHER (1 1/8" O.D.)	45	817403*
5/16" FLAT WASHER (5/8" O.D.)	4	817406*
5/16" LOCK WASHER	52	817330*
5/16" T-NUT (SHORT)	28	804558*
3/8" x 3/4" P.B.H.C.S. w/PATCH	4	812052*
3/8" x 1" P.B.H.C.S. w/PATCH	8	812050*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	812054*
3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	2	812056*
3/8" x 2 1/2" THREADED STUD	10	803583*
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	5	812057*
3/8" x 3" P.B.H.C.S. w/PATCH	2	812059*
3/8" FLAT WASHER (1 1/4" O.D.)	6	817424*
3/8" FLAT WASHER (1" O.D.)	4	817401*
3/8" FLAT WASHER	11	817410*
3/8" LOCK WASHER	19	817334*
3/8" BARREL NUT	20	804804*
3/8" T-NUT	2	804556*
3/8" HEX NUT	2	804053*
1/2" LOCKWASHER	20	817342*
1/2" FLAT WASHER	20	817412*
1/2" FLAT WASHER (1 3/8" O.D.)	8	817425*

Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.



LANDMARK DESIGN

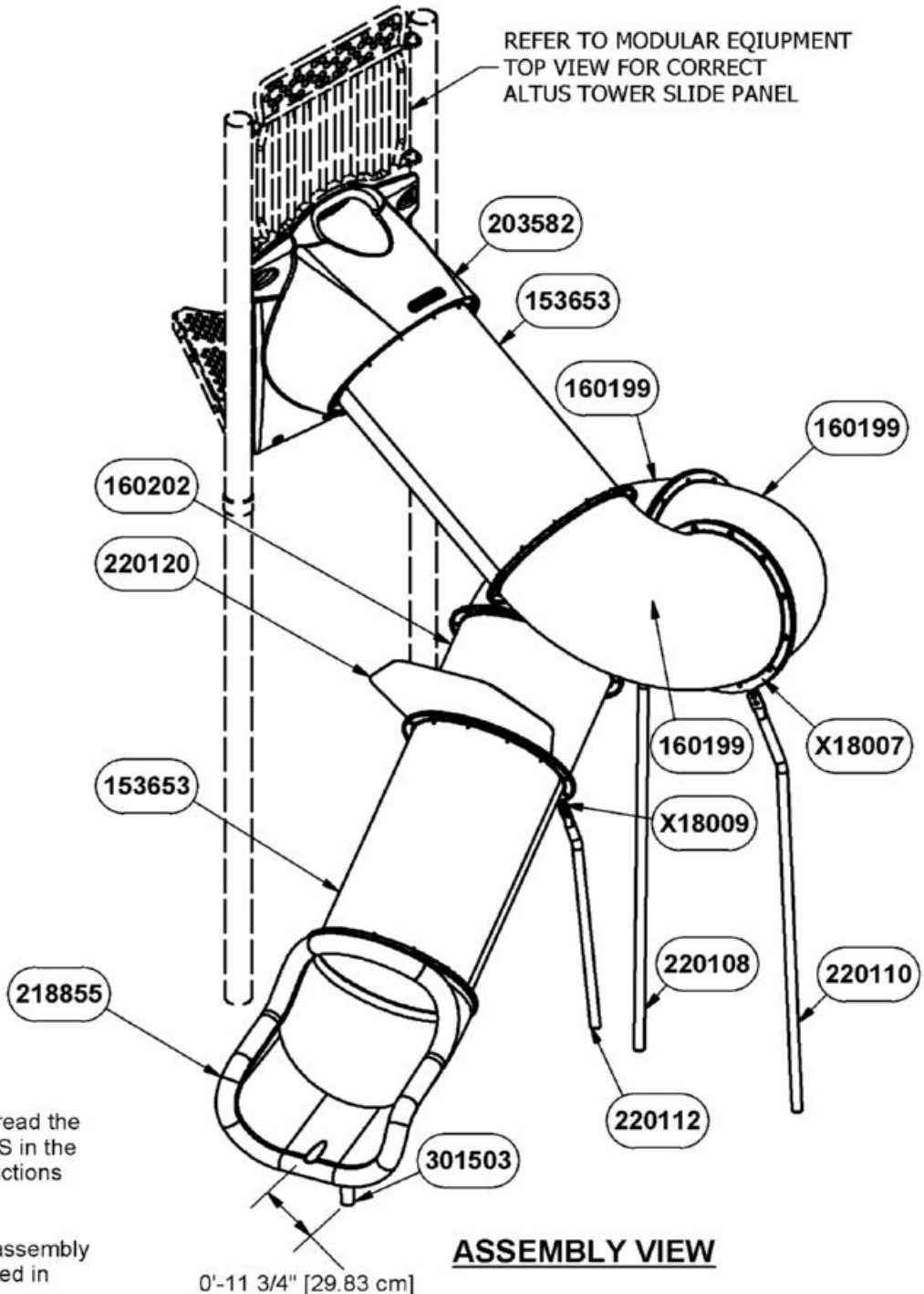
6056RP

A **PLAYCORE** Company

1-800-235-2440

ISSUED/REVISED: 6/30/2021

ALTUS X TOWER SPIRAL SLIDE



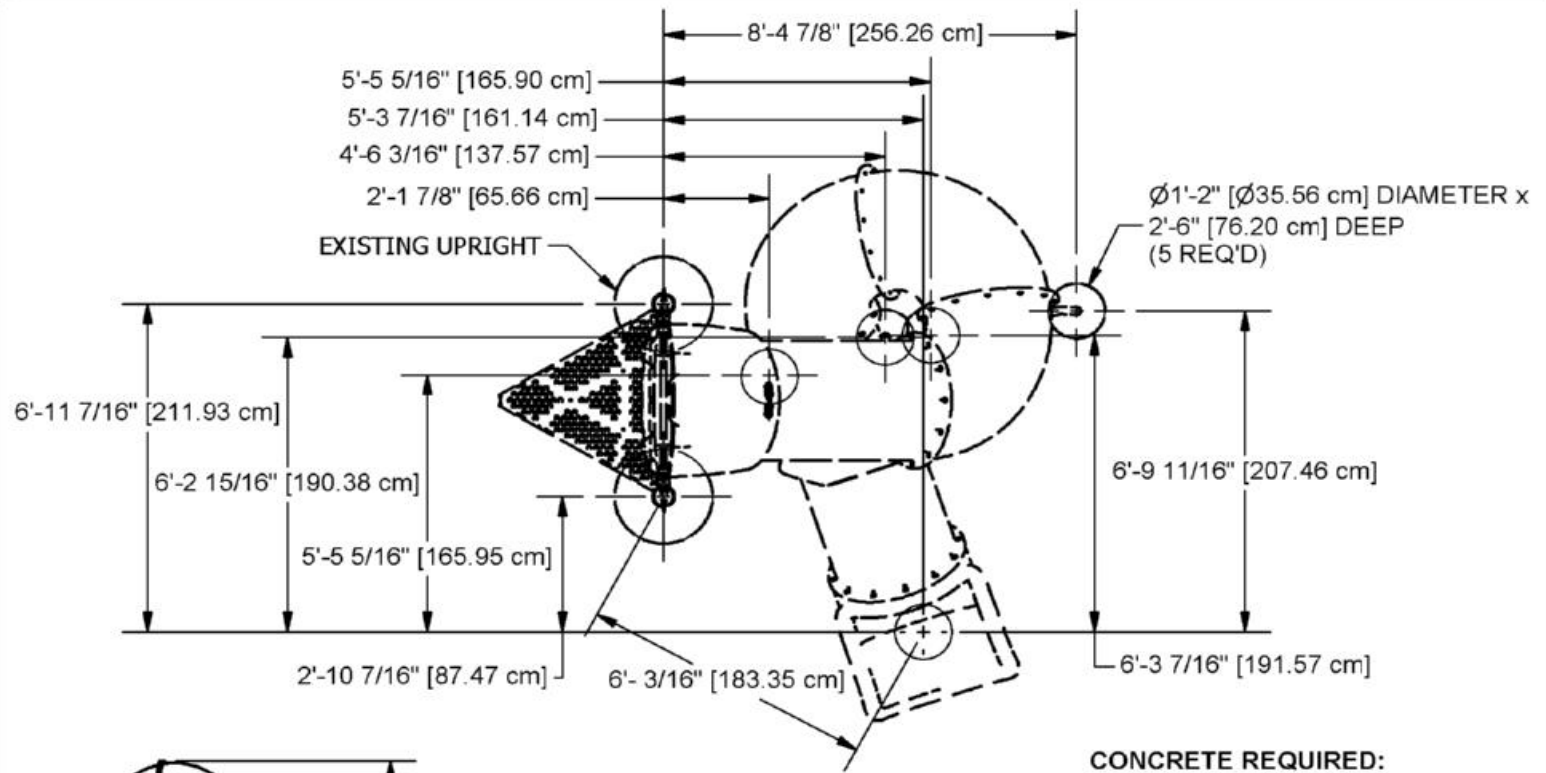
INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed **INSTALLER INSTRUCTIONS** in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the **ASSEMBLY DRAWING**. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

ASSEMBLY VIEW

EXIT HEIGHT CHART	
STANDARD	EXIT HEIGHT from SURFACING
ASTM	7" TO 15"
CSA	175mm TO 380mm
EN	350mm OR LESS

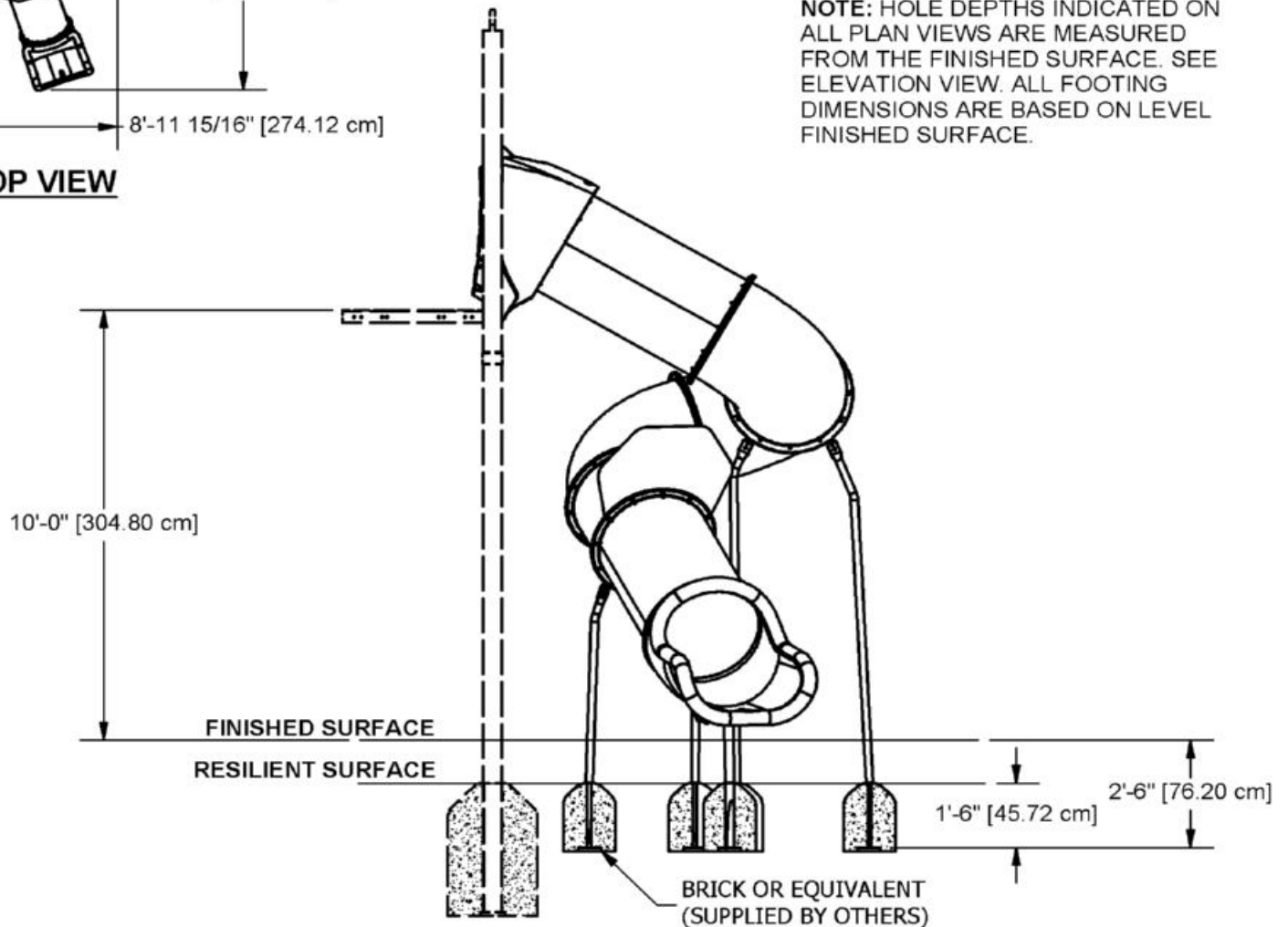
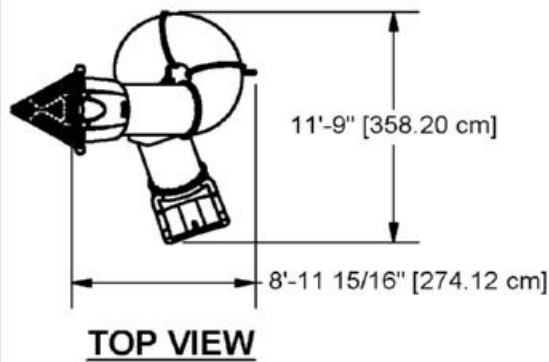
This document contains proprietary information, and is not to be reproduced without written permission from GameTime and is not to be used in any manner detrimental to the interests of GameTime



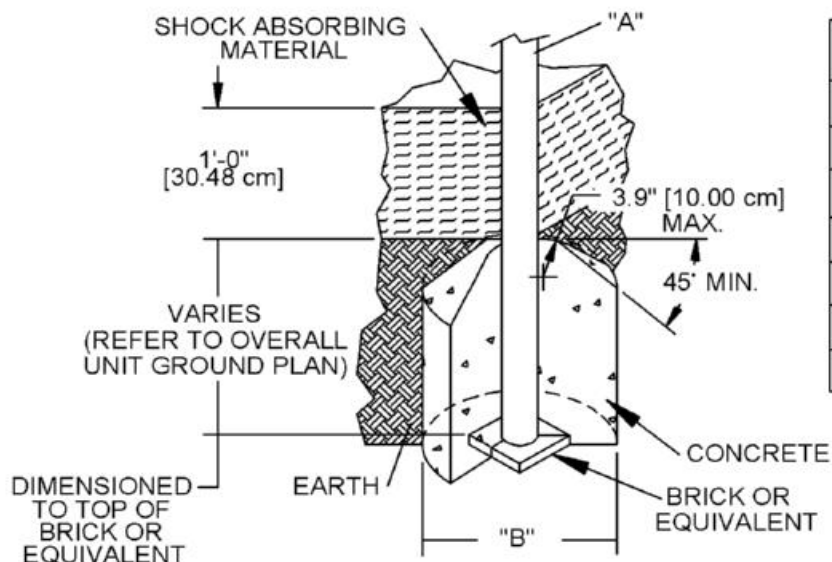
PLAN VIEW

CONCRETE REQUIRED:
.30 CUBIC YARDS
[.23 CUBIC METERS]

NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



ELEVATION VIEW



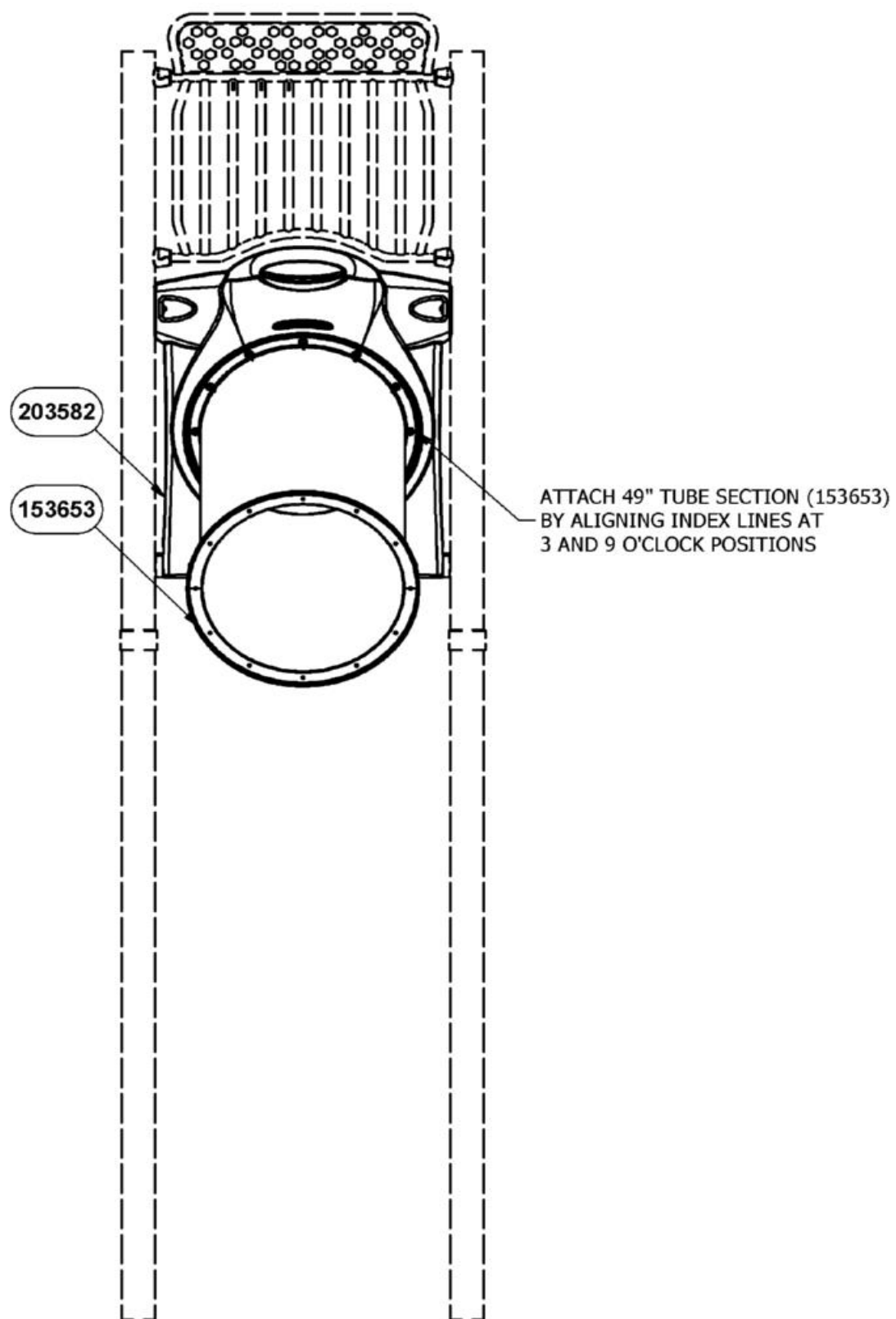
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]

NOTES:

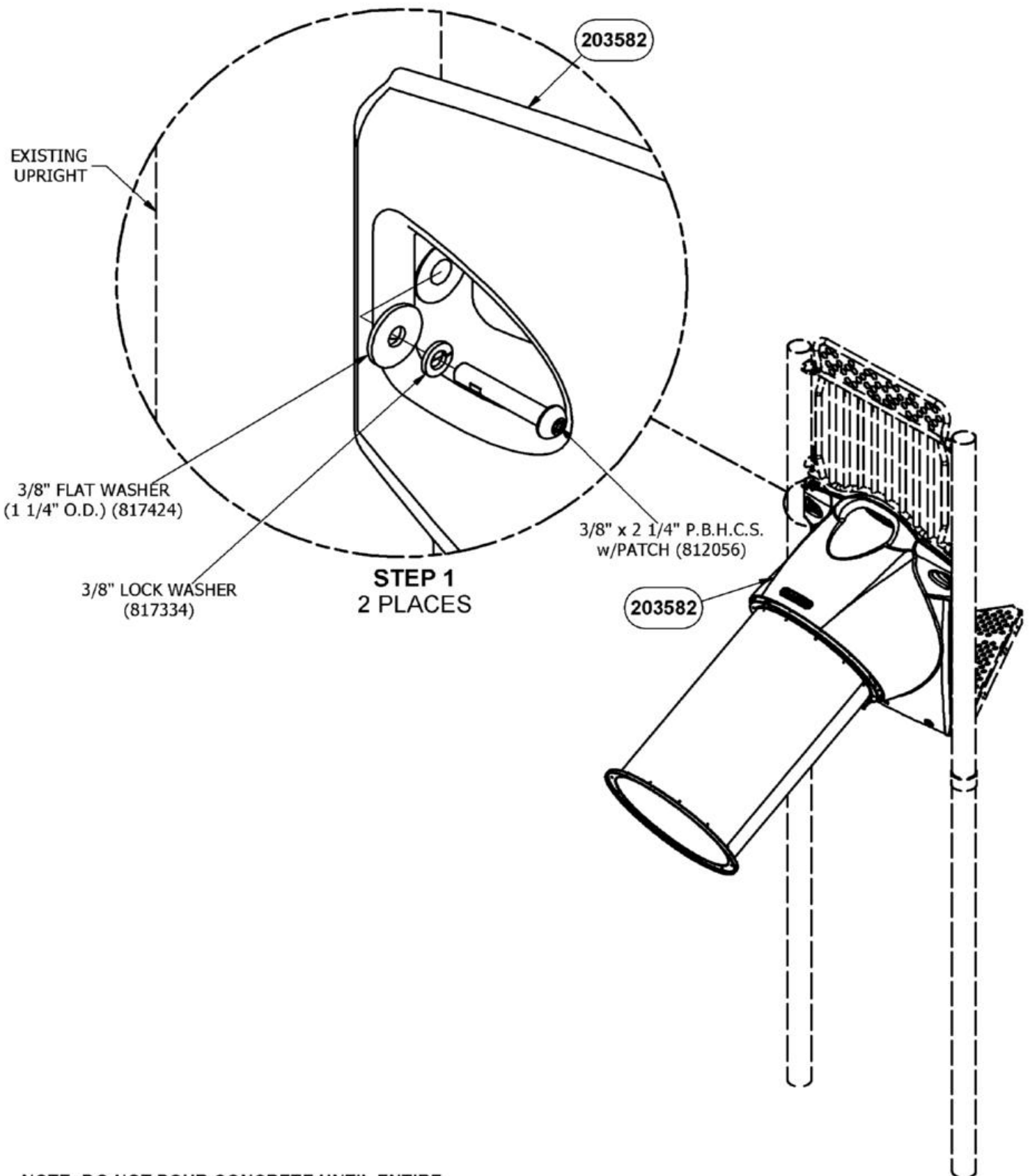
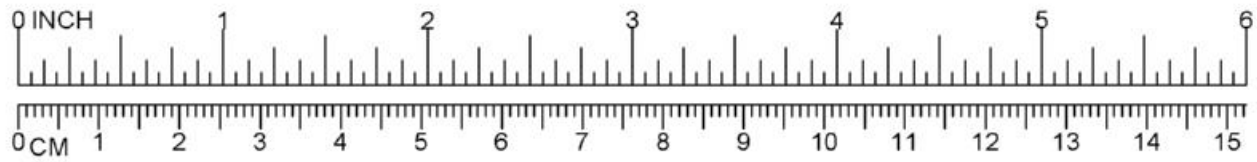
- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

FOOTING DETAIL

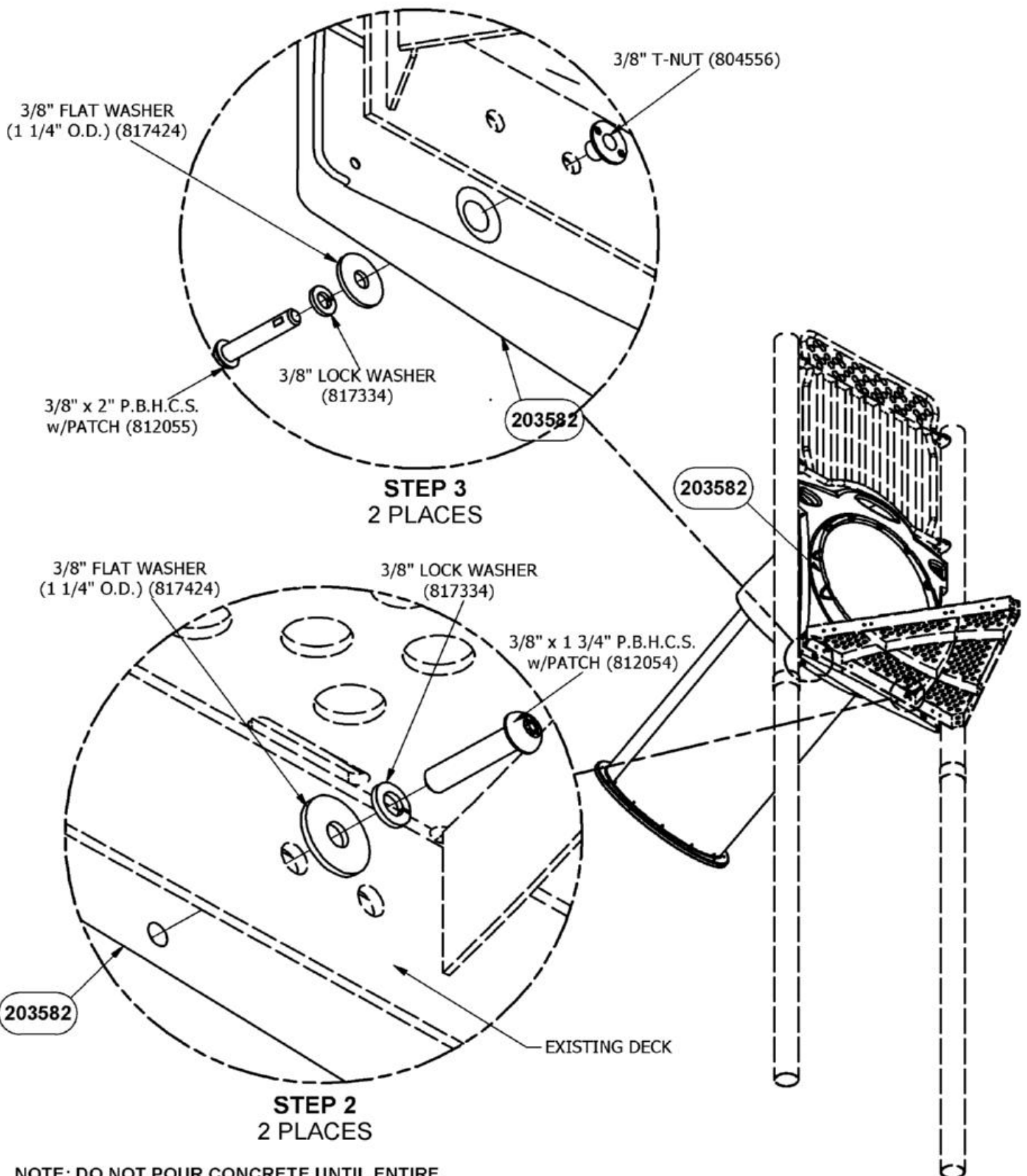
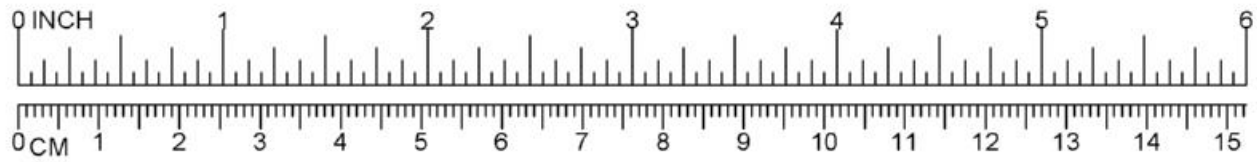


ASSEMBLY VIEW
FIRST TUBE SECTION



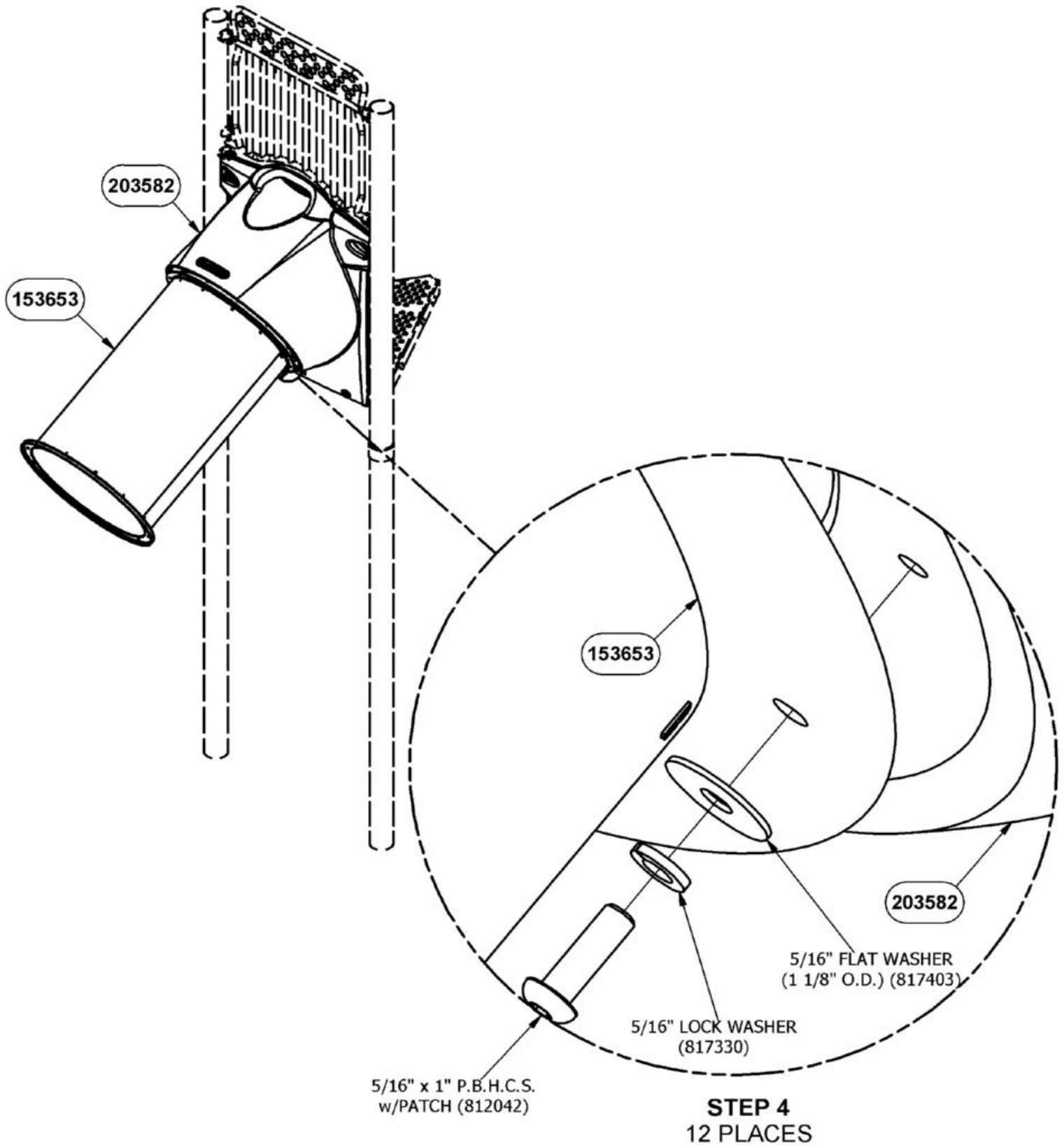
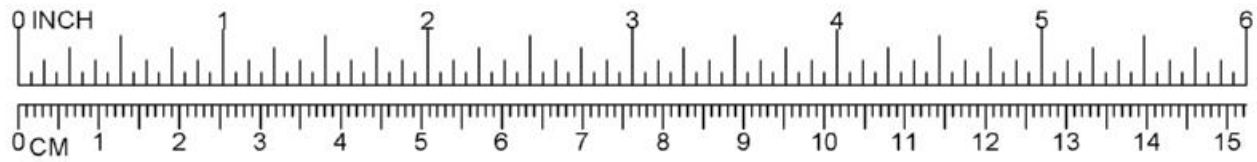
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



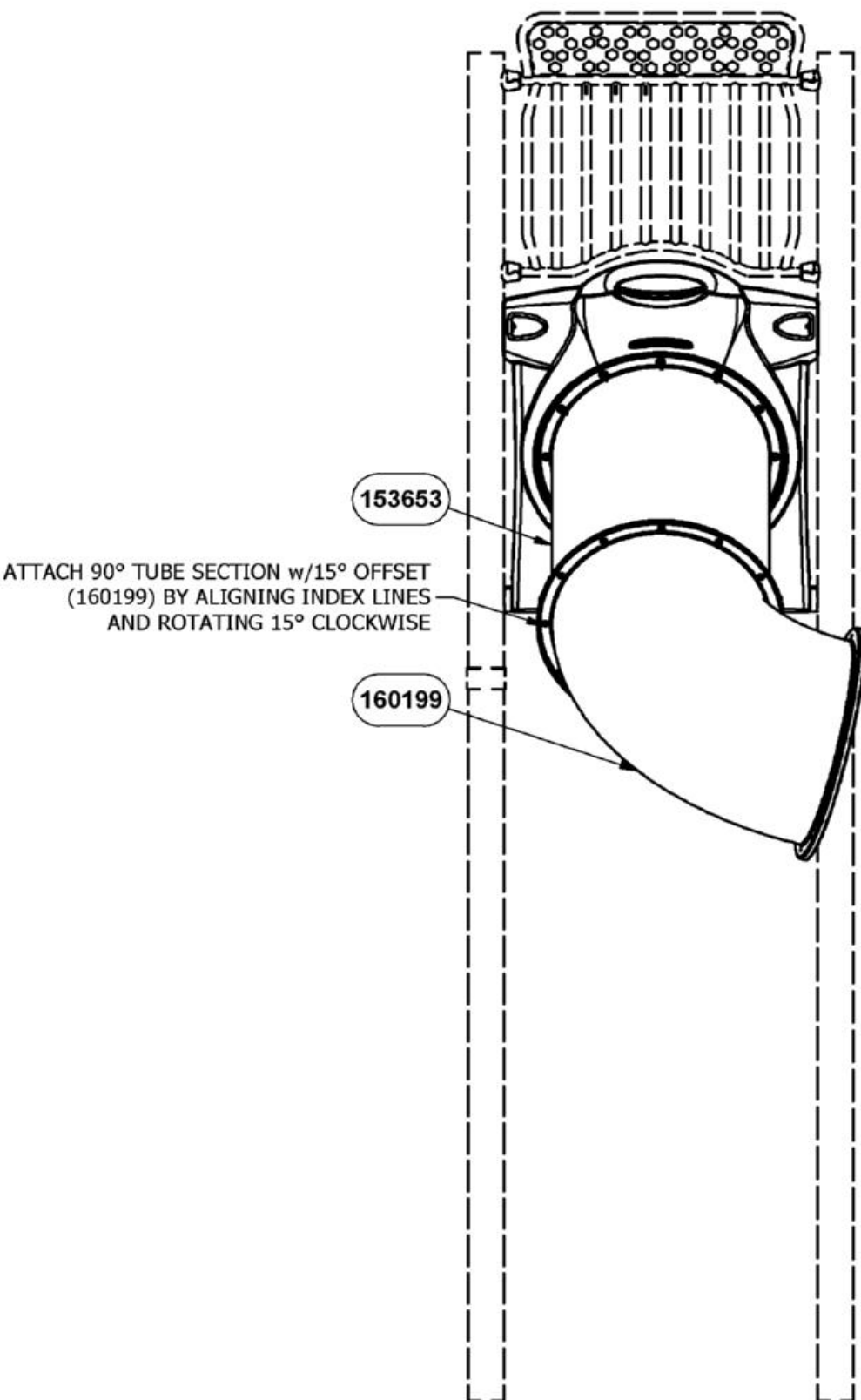
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

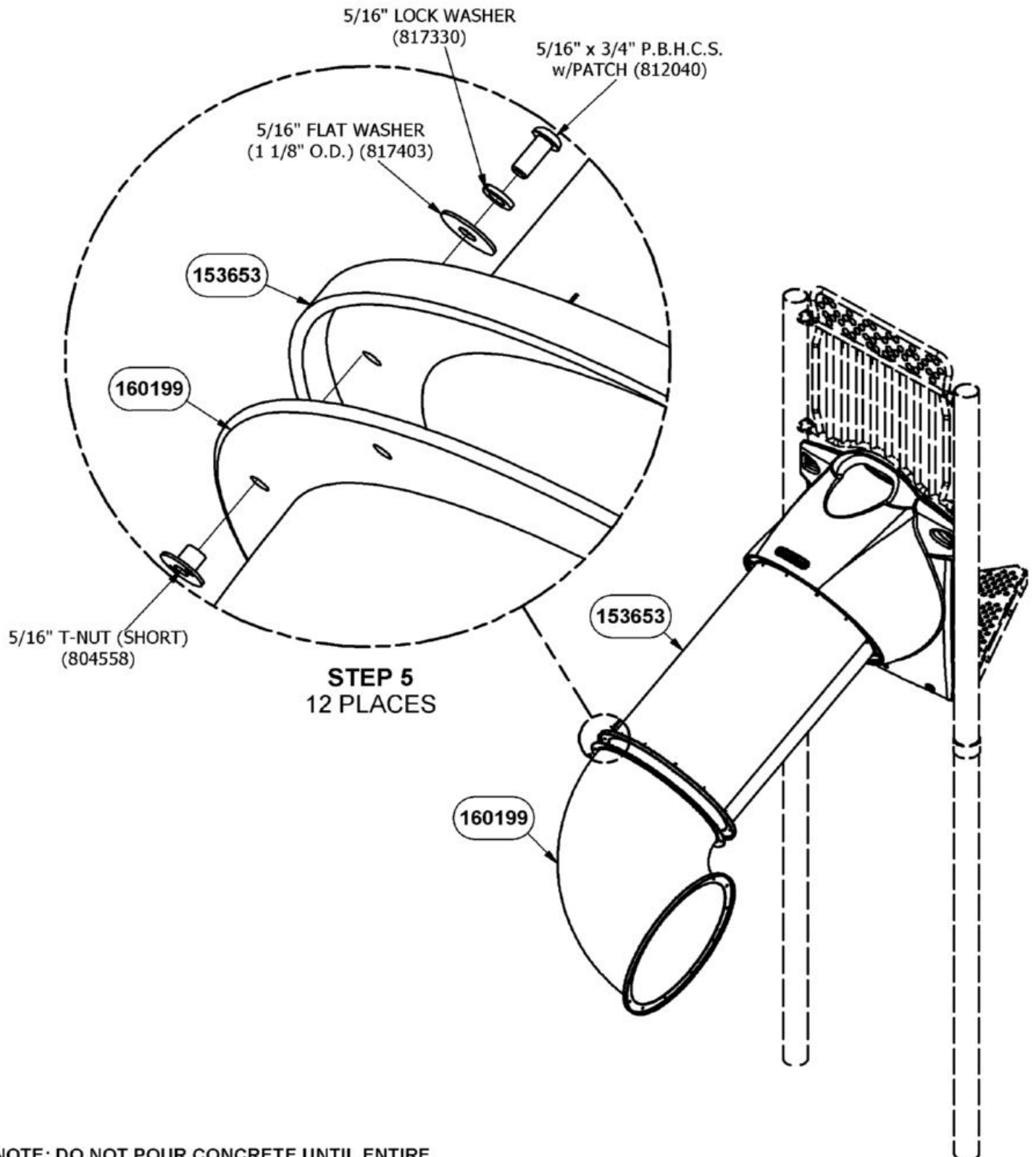
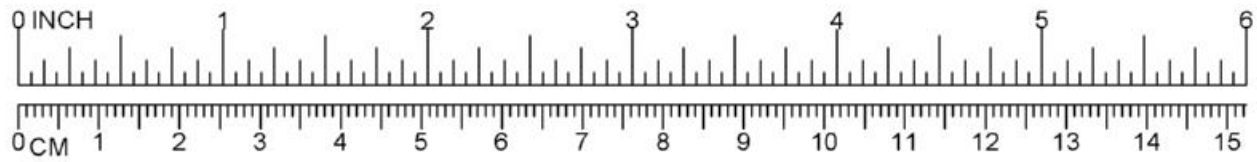


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

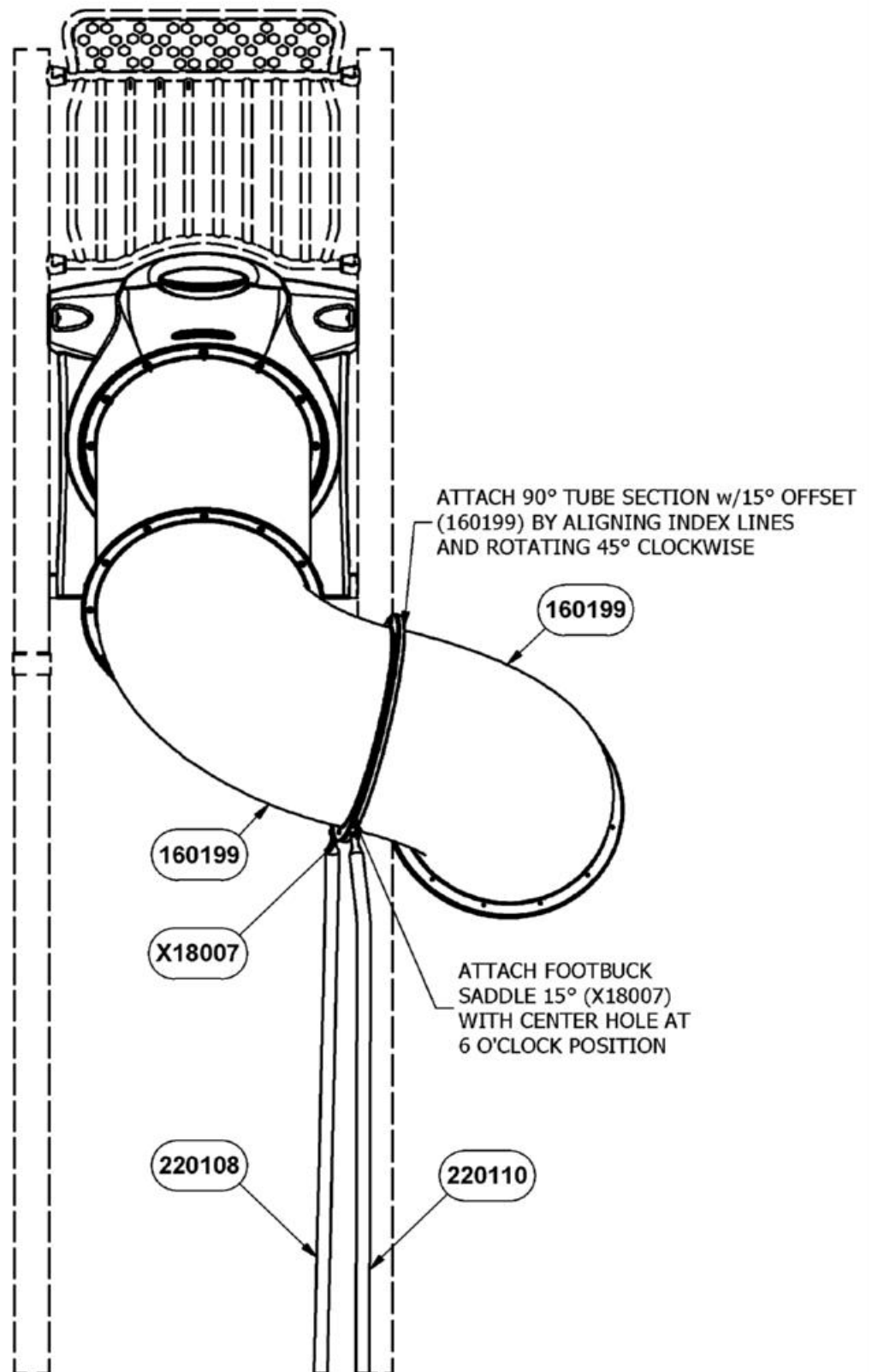


ASSEMBLY VIEW
SECOND TUBE SECTION

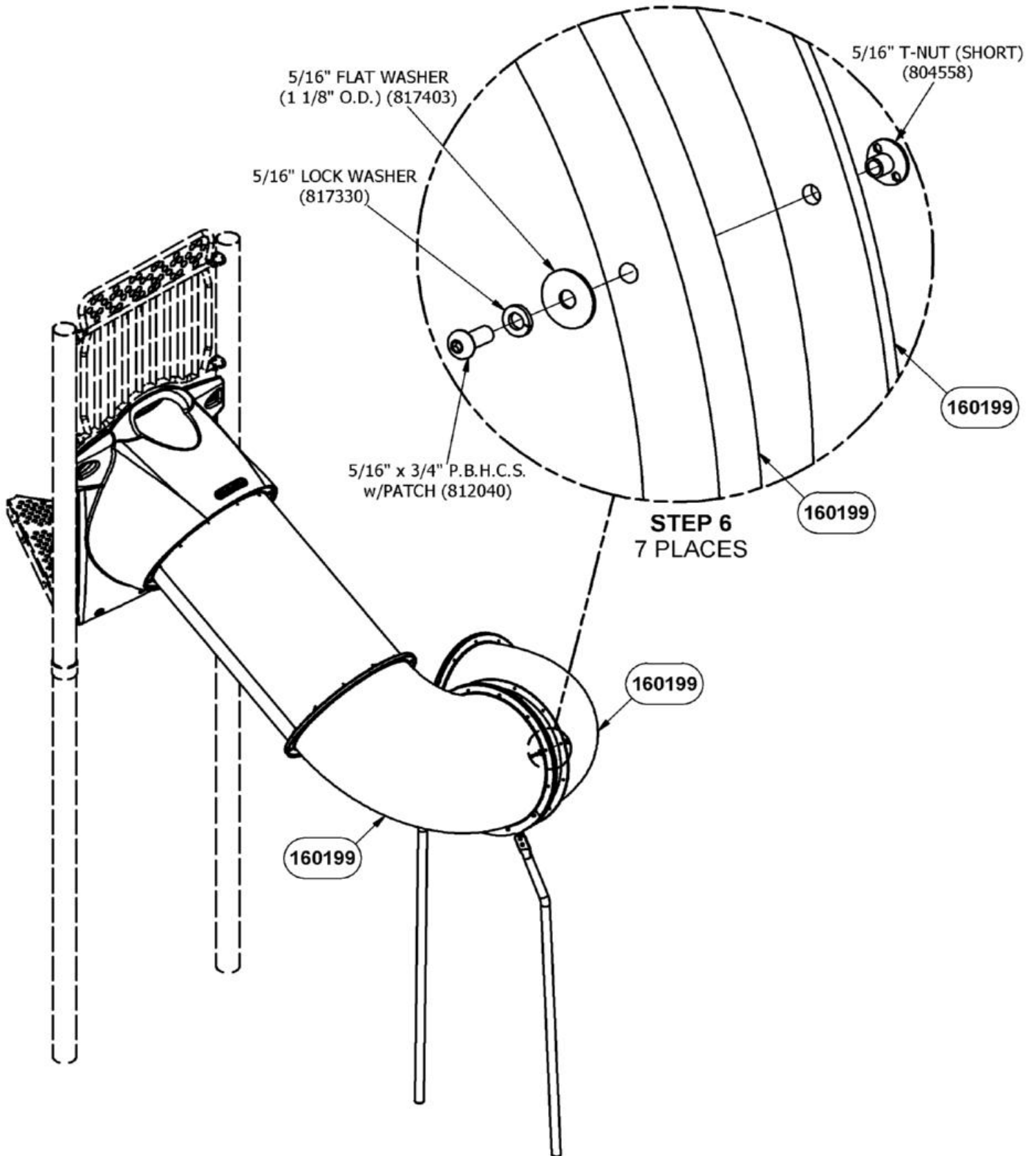
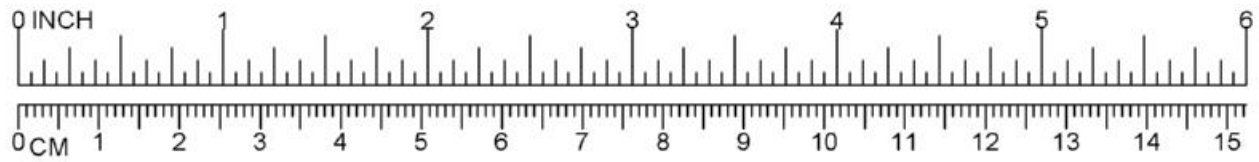


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

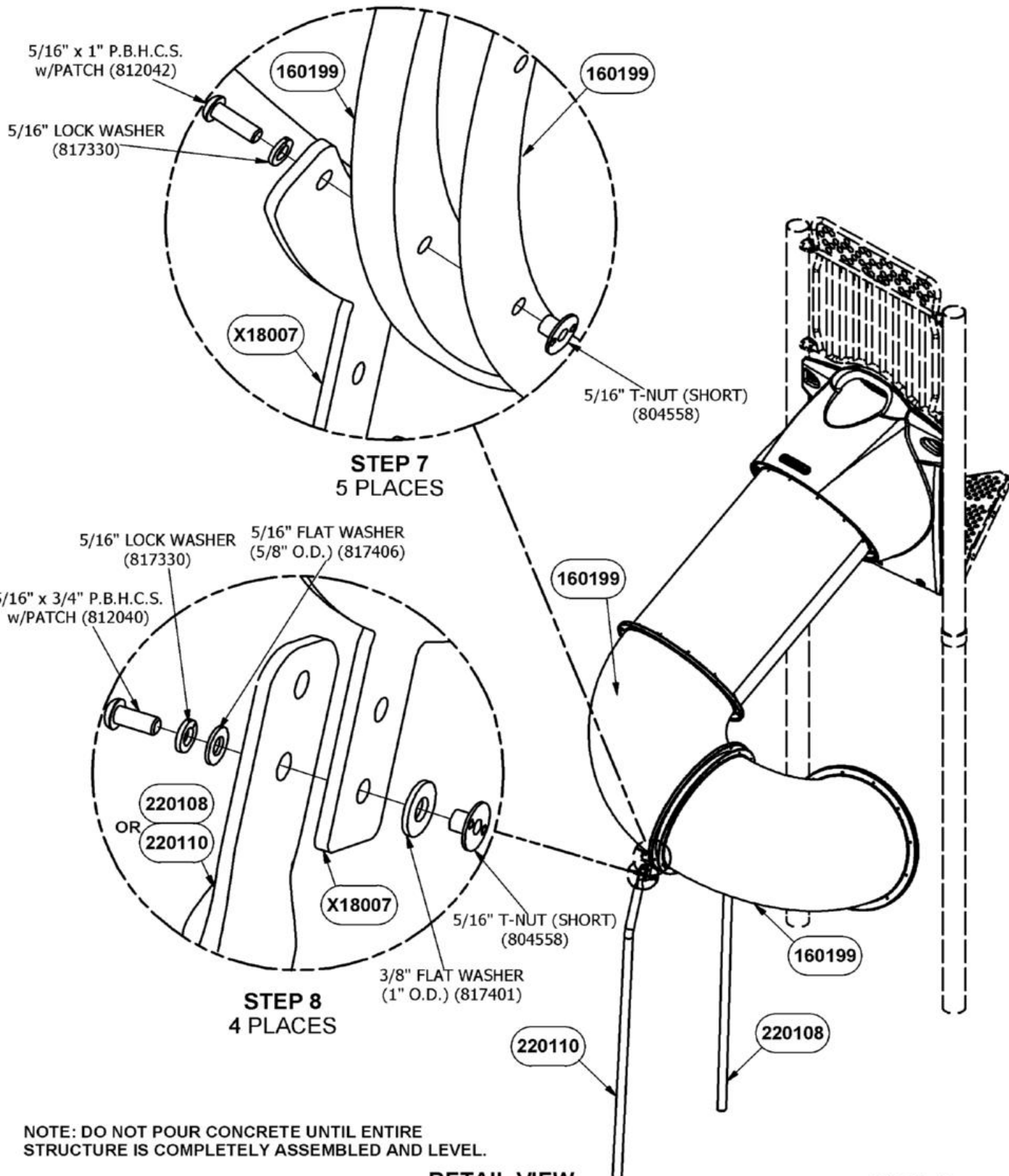
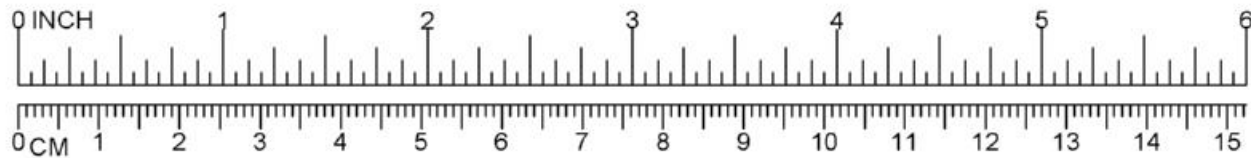
DETAIL VIEW



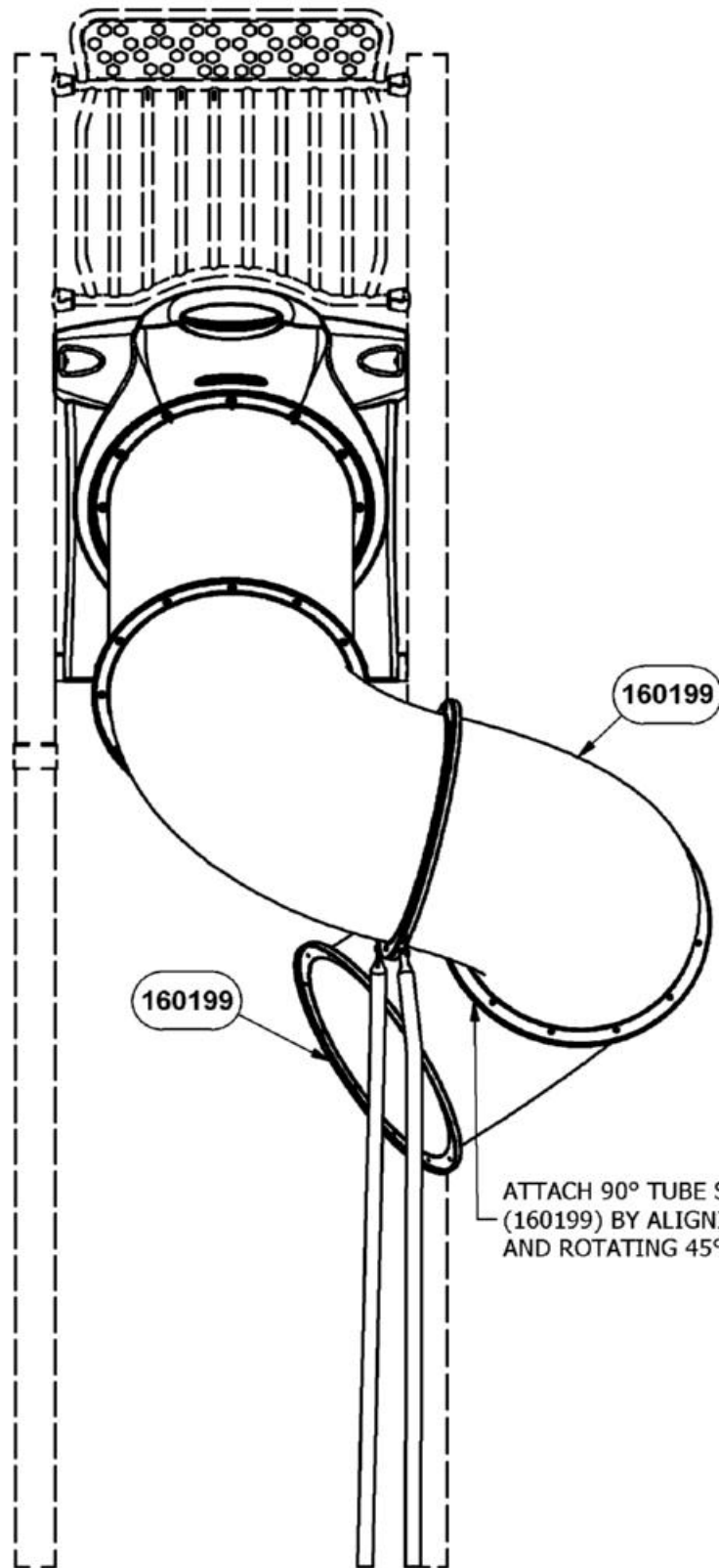
ASSEMBLY VIEW
THIRD TUBE SECTION



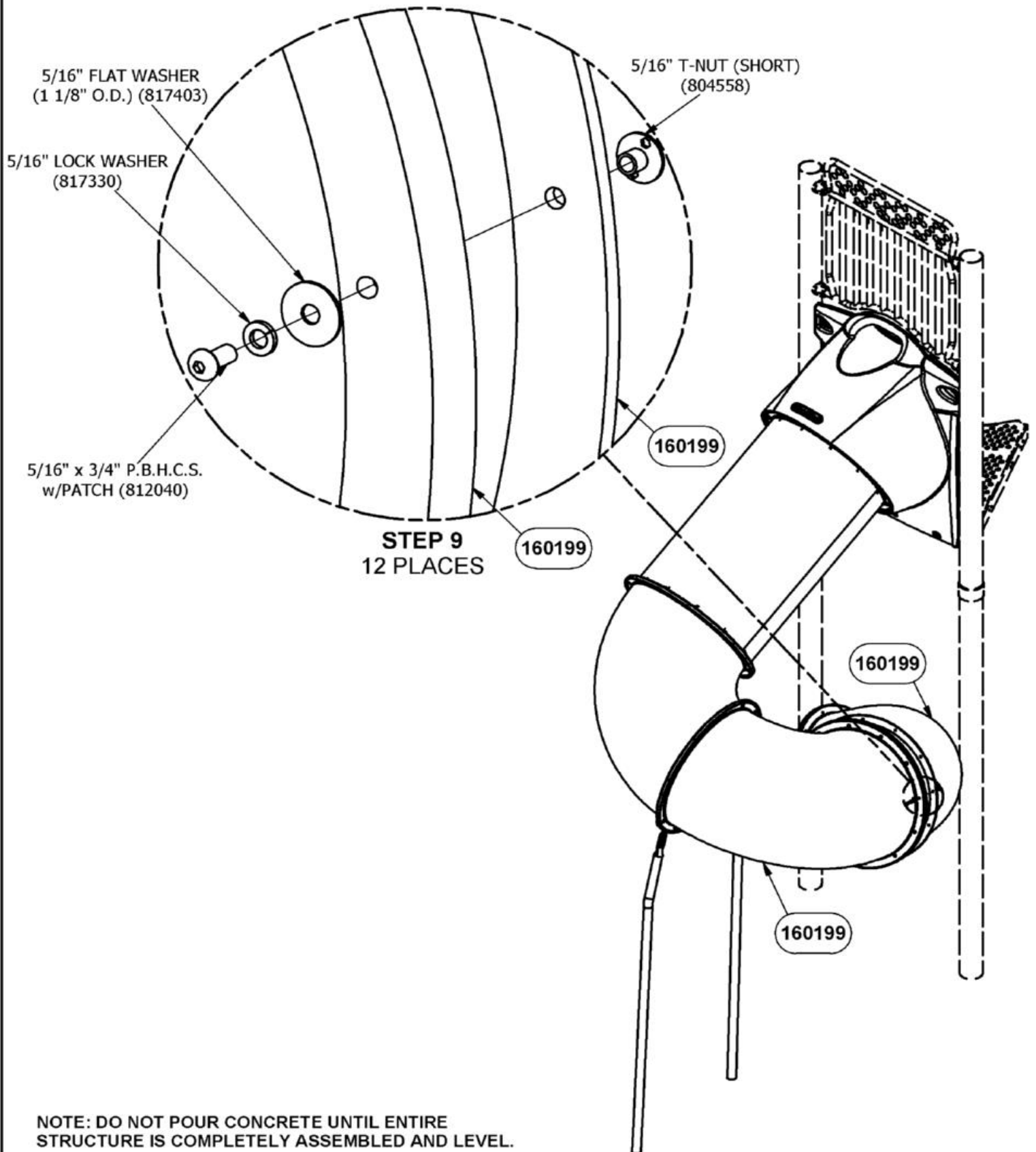
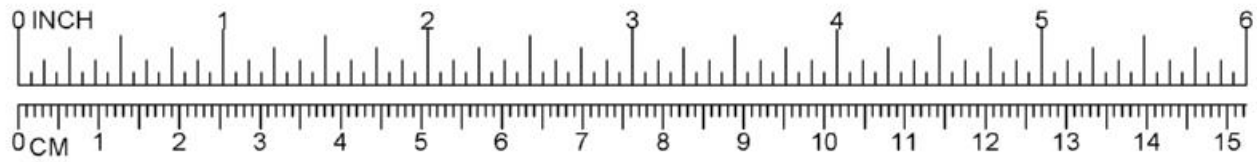
DETAIL VIEW



DETAIL VIEW

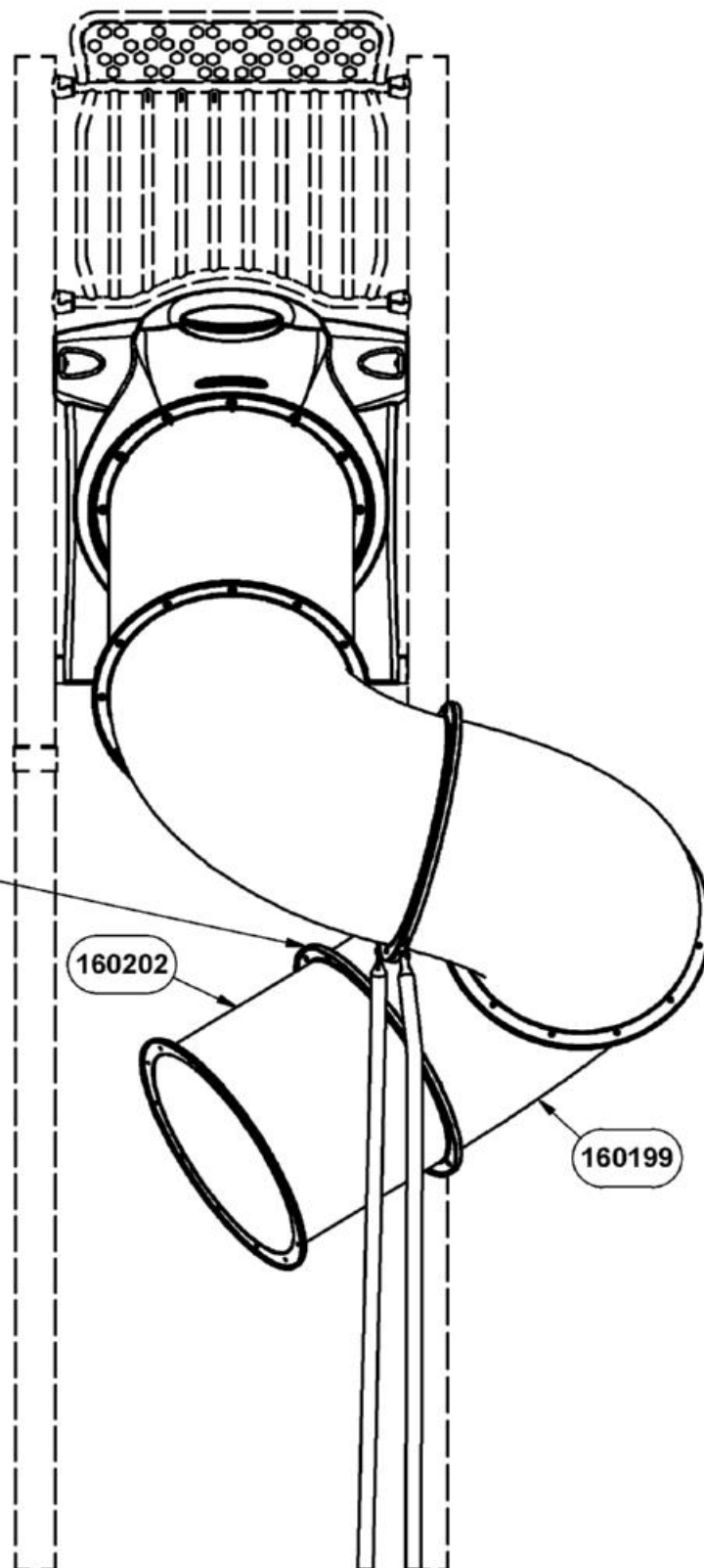


ASSEMBLY VIEW
FORTH TUBE SECTION

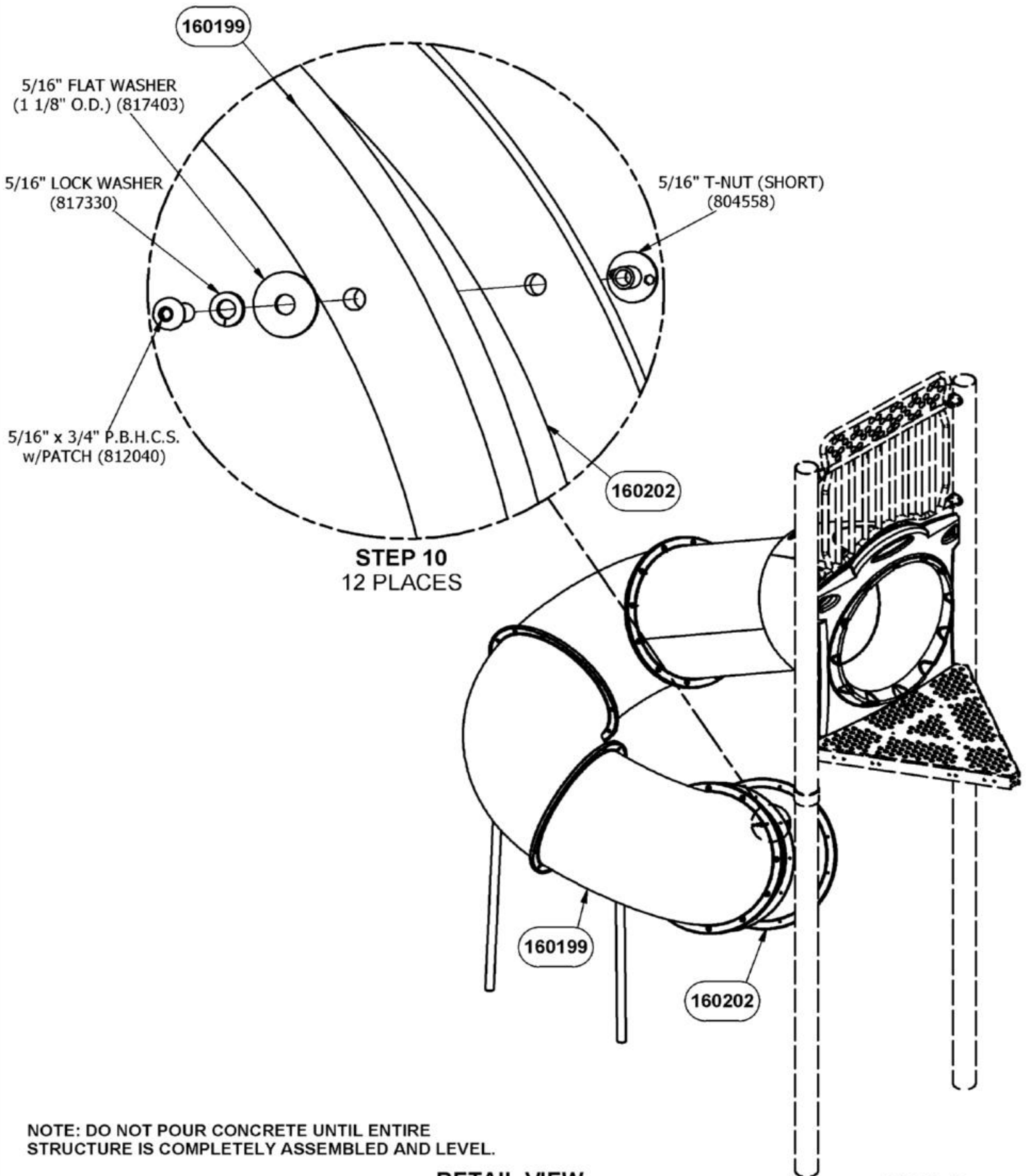
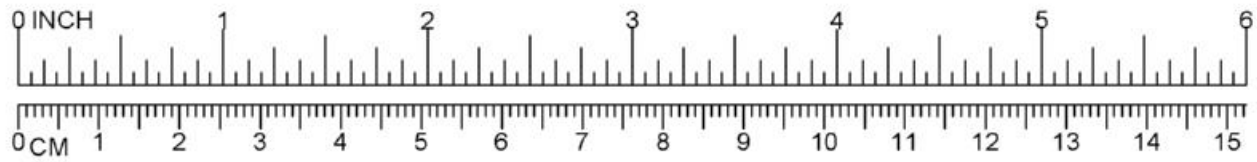


DETAIL VIEW

ATTACH 24" TUBE SECTION
w/15° OFFSET (160202)
BY ALIGNING THE 3 AND 9
O'CLOCK POSITIONS

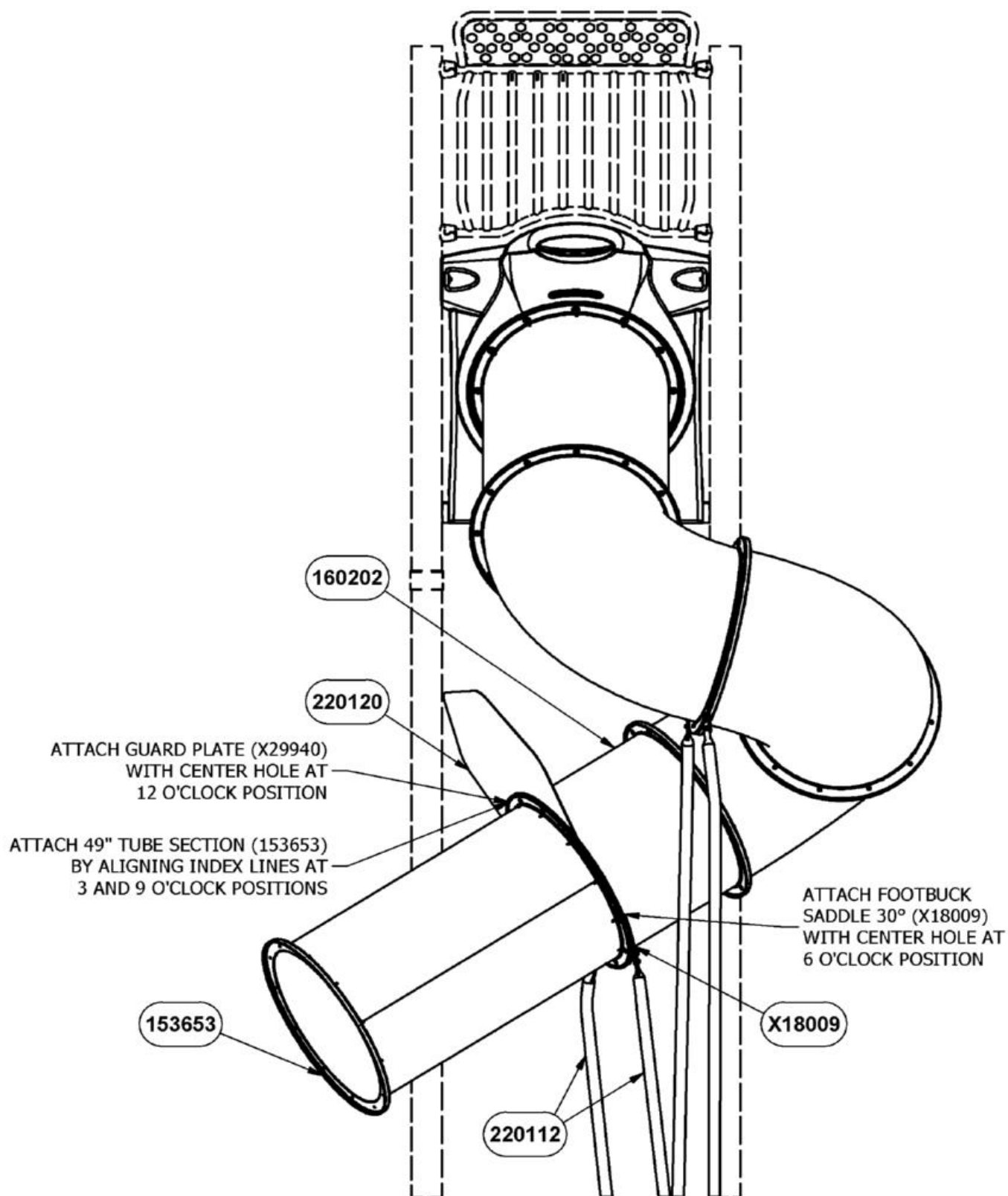


ASSEMBLY VIEW
FIFTH TUBE SECTION

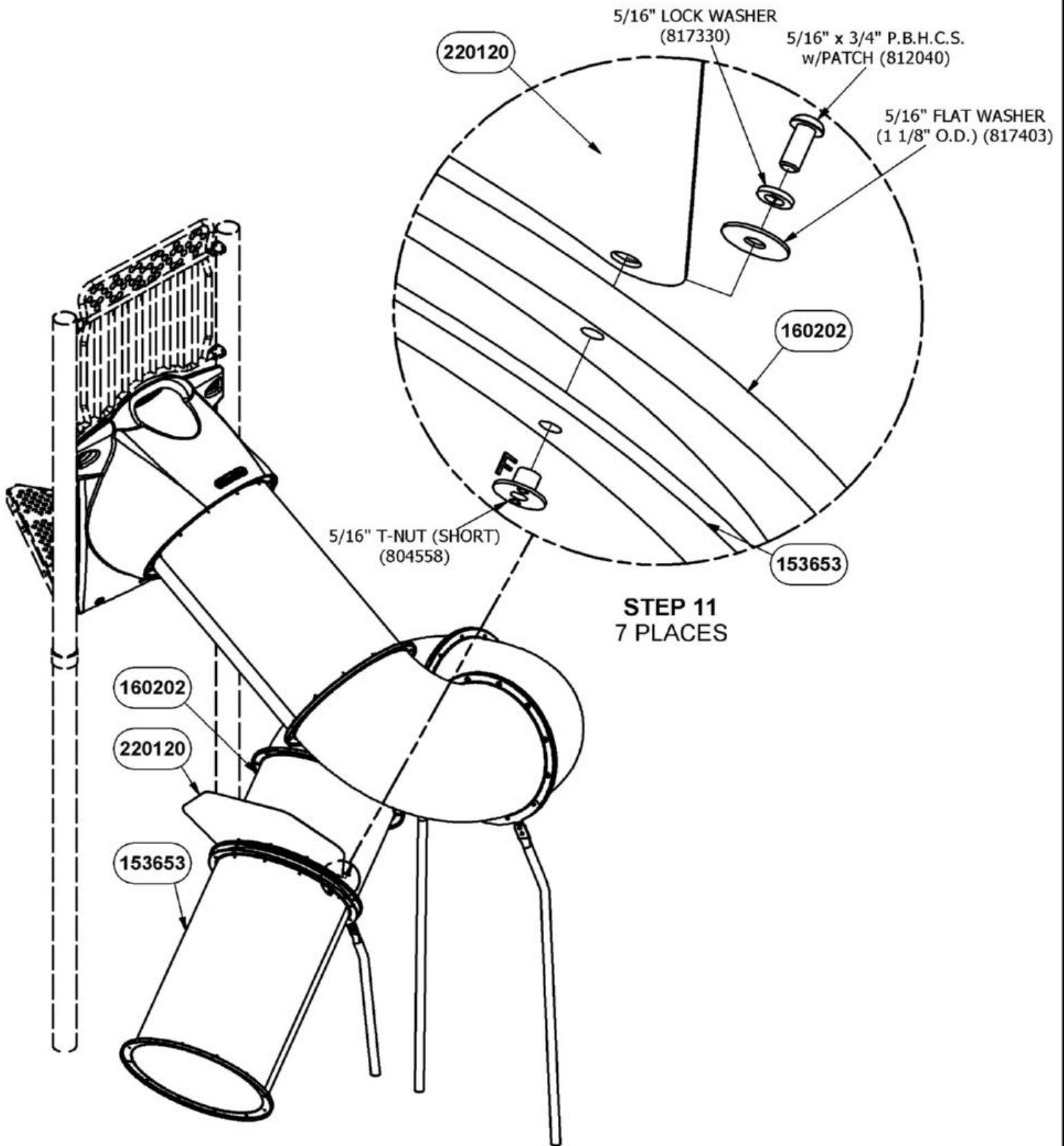
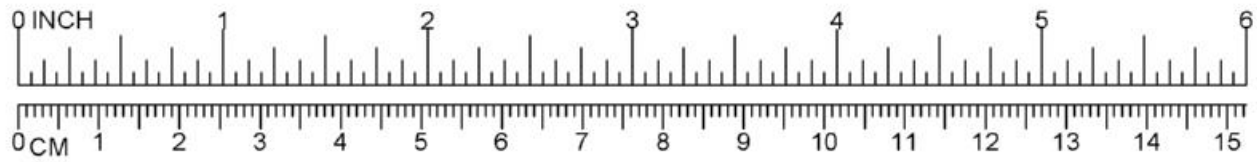


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

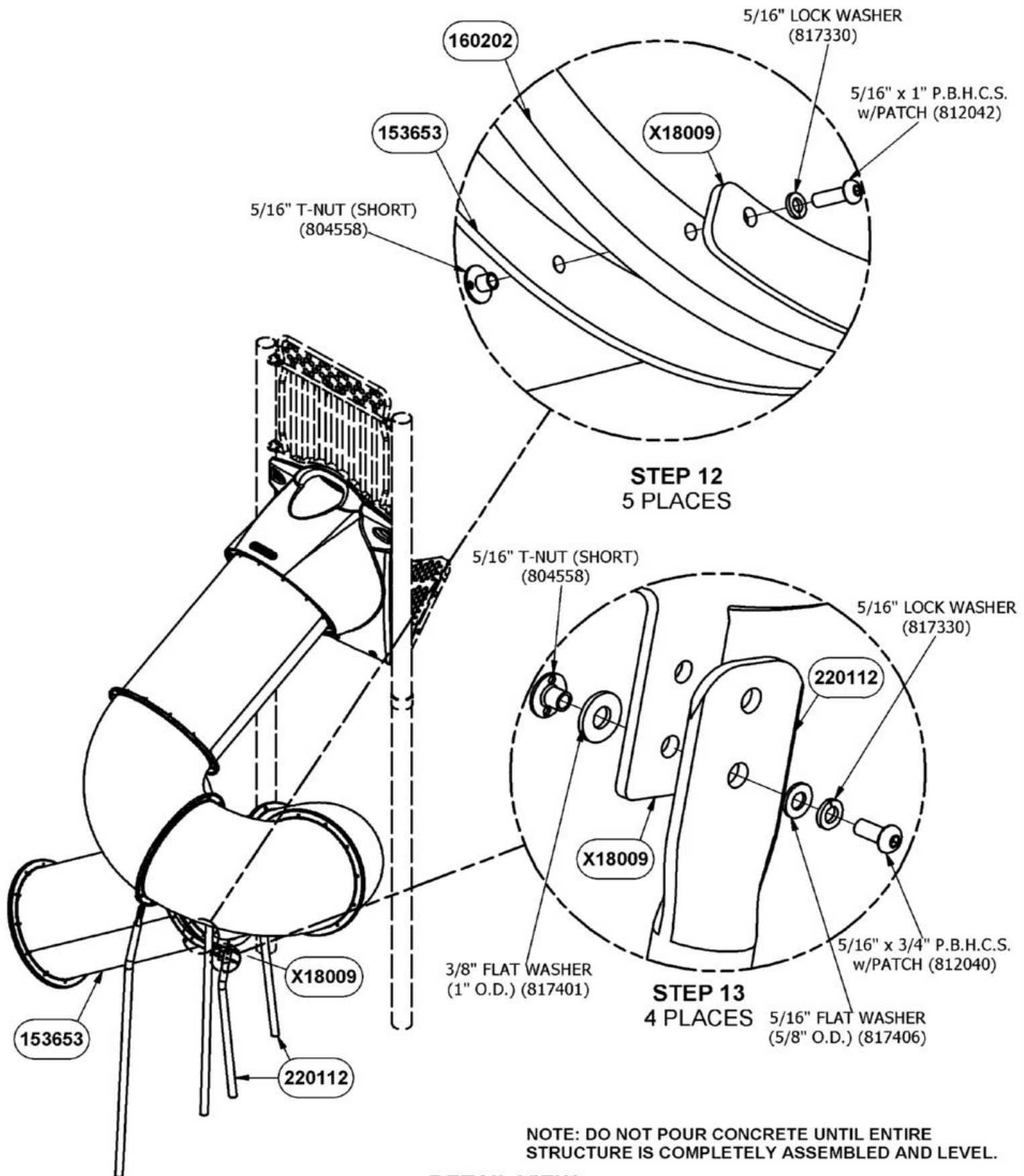
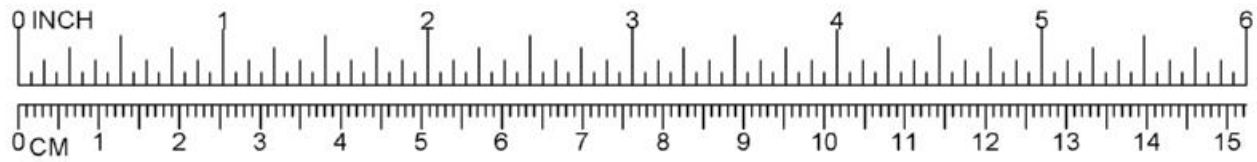


ASSEMBLY VIEW
SIXTH TUBE SECTION



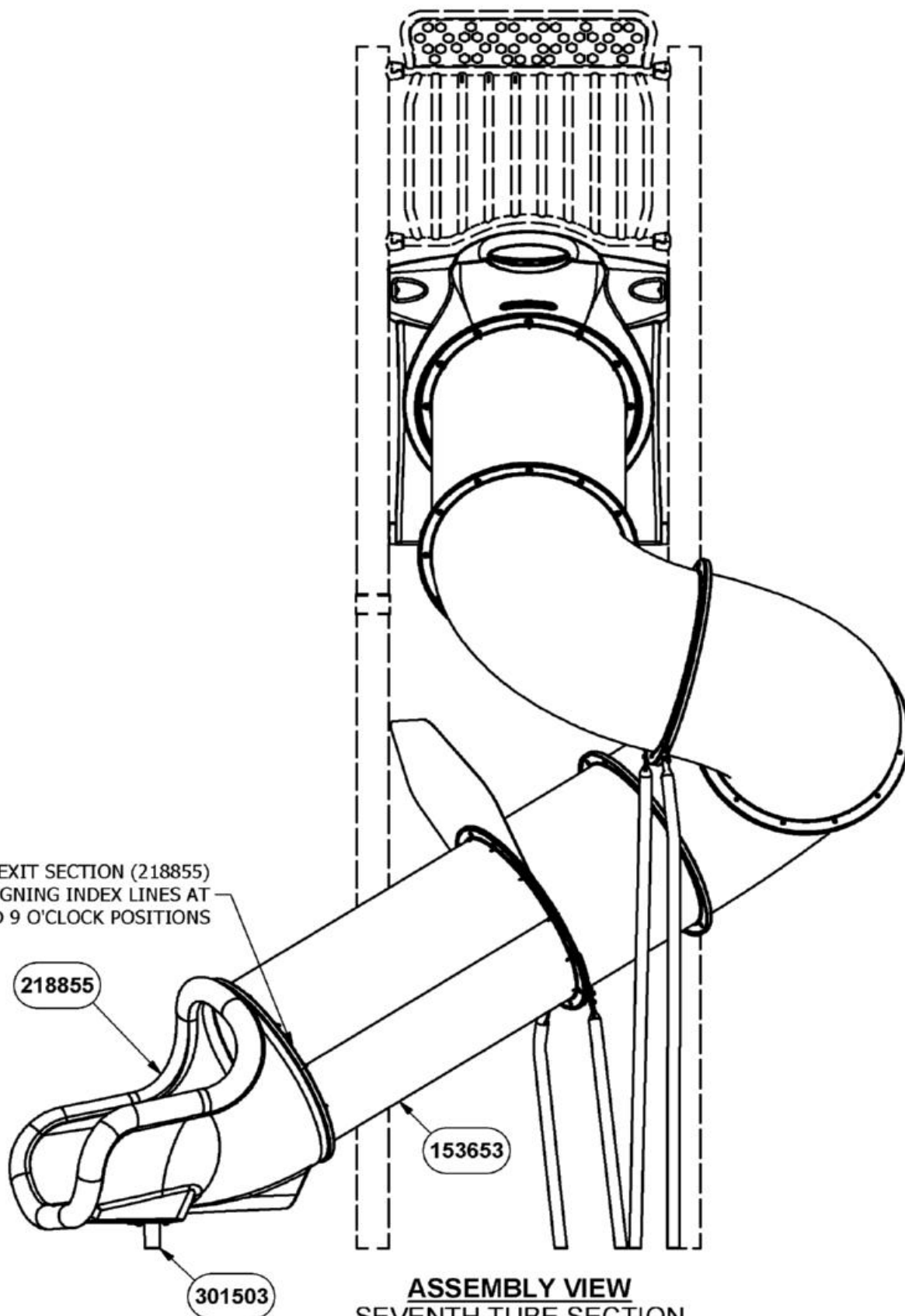
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

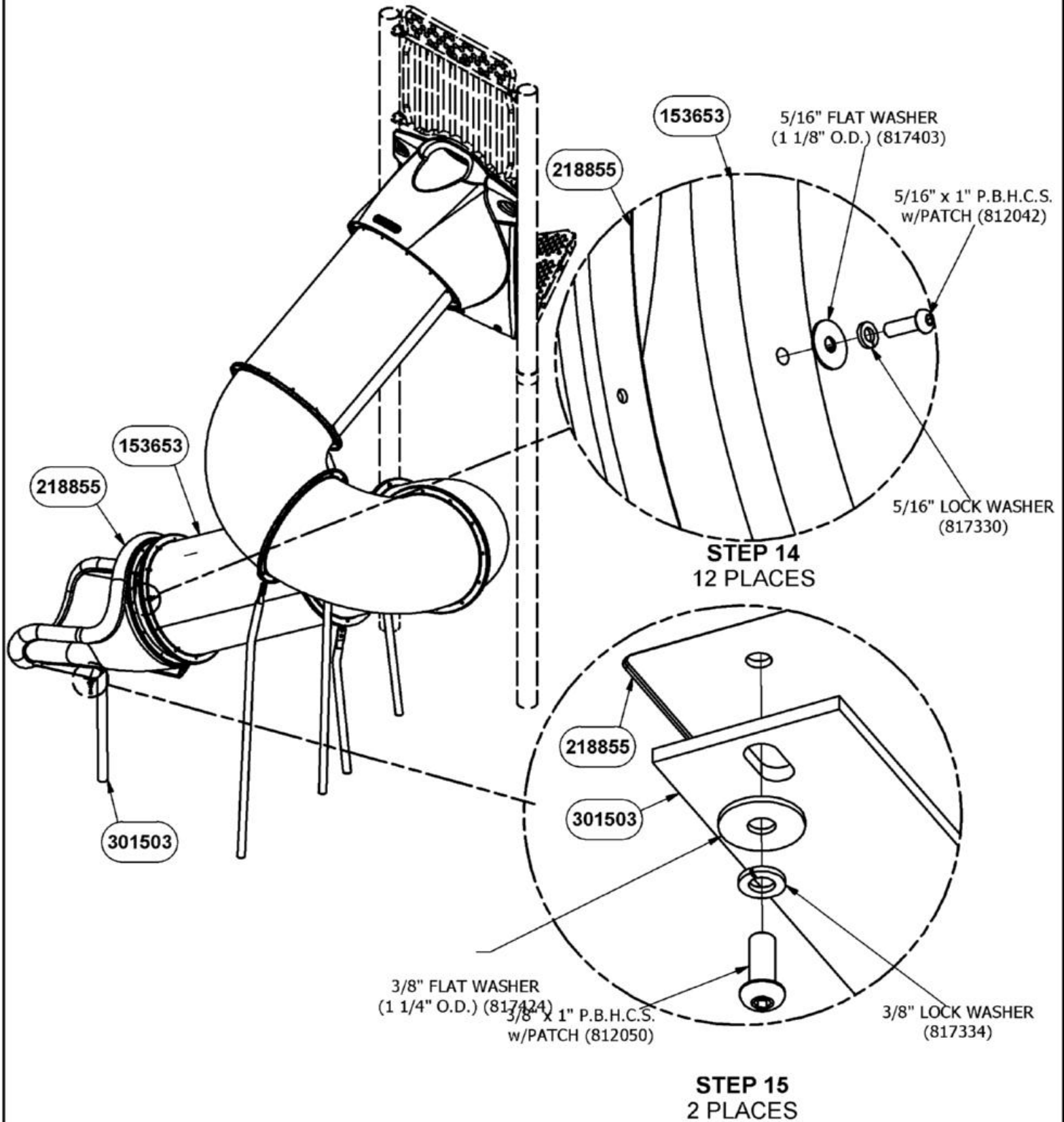
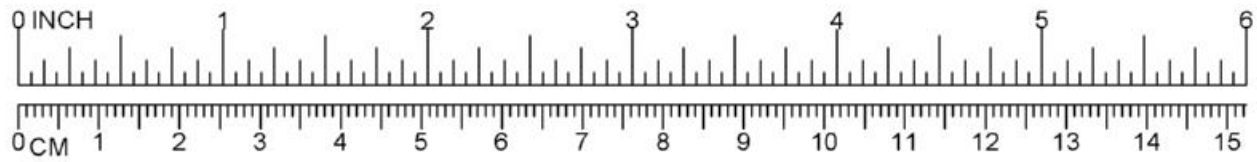


DETAIL VIEW

ATTACH EXIT SECTION (218855)
BY ALIGNING INDEX LINES AT
3 AND 9 O'CLOCK POSITIONS



ASSEMBLY VIEW
SEVENTH TUBE SECTION



DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
TUBE ENTRANCE	1	203582
49" TUBE SECTION (Ø30")	2	153653
90° TUBE SECTION w/15° OFFSET	3	160199
24" TUBE SECTION W/15° OFFSET (Ø30")	1	160202
FOOTBUCK SADDLE 15°	1	X18007
FOOTBUCK SADDLE 30°	1	X18009
LONG FORMED FOOTBUCK	1	220108
LONG FORMED FOOTBUCK	1	220110
LONG FORMED FOOTBUCK	2	220112
EXIT SECTION	1	218855
FOOTBUCK	1	301503
SLIDE GUARD PLATE	1	220120
HARDWARE COMPLETE	1	6056HW
5/16" x 3/4" P.B.H.C.S. w/PATCH	58	812040*
5/16" x 1" P.B.H.C.S. w/PATCH	34	812042*
5/16" FLAT WASHER (5/8" O.D.)	8	817406*
5/16" FLATWASHER (1 1/8" O.D.)	74	817403*
5/16" LOCK WASHER	92	817330*
5/16" T-NUT (SHORT)	68	804558*
3/8" x 1" P.B.H.C.S. w/PATCH	2	812050*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	812054*
3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	2	812056*
3/8" FLAT WASHER (1" O.D.)	8	817401*
3/8" FLAT WASHER (1 1/4" O.D.)	8	817424*
3/8" LOCK WASHER	8	817334*
3/8" T-NUT	2	804556*

Unless Otherwise Specified, All Units of Measure are Each
 * Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

**6057RP
ALTUS X2 TOWER
TUBE TO OPEN
S SLIDE**

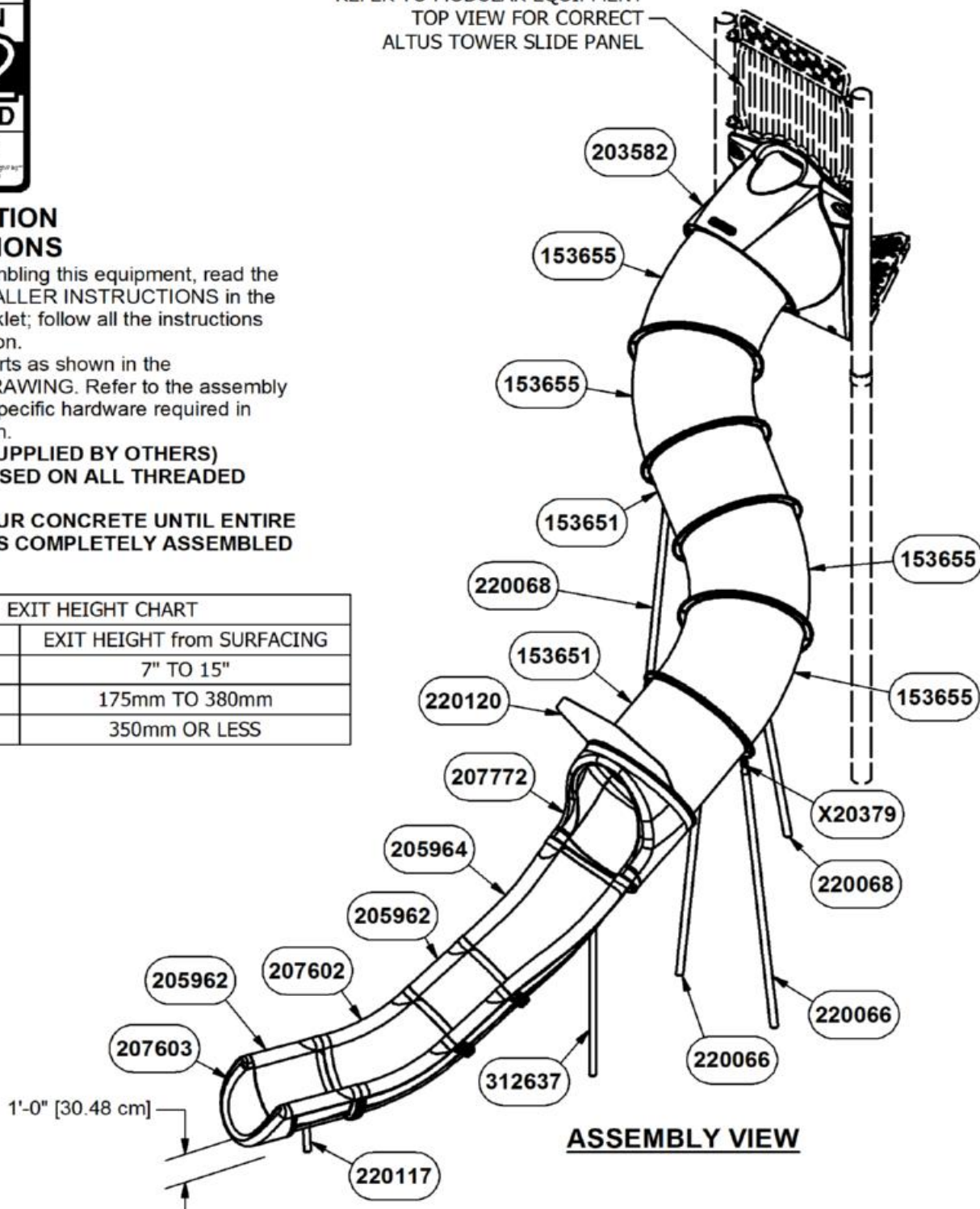


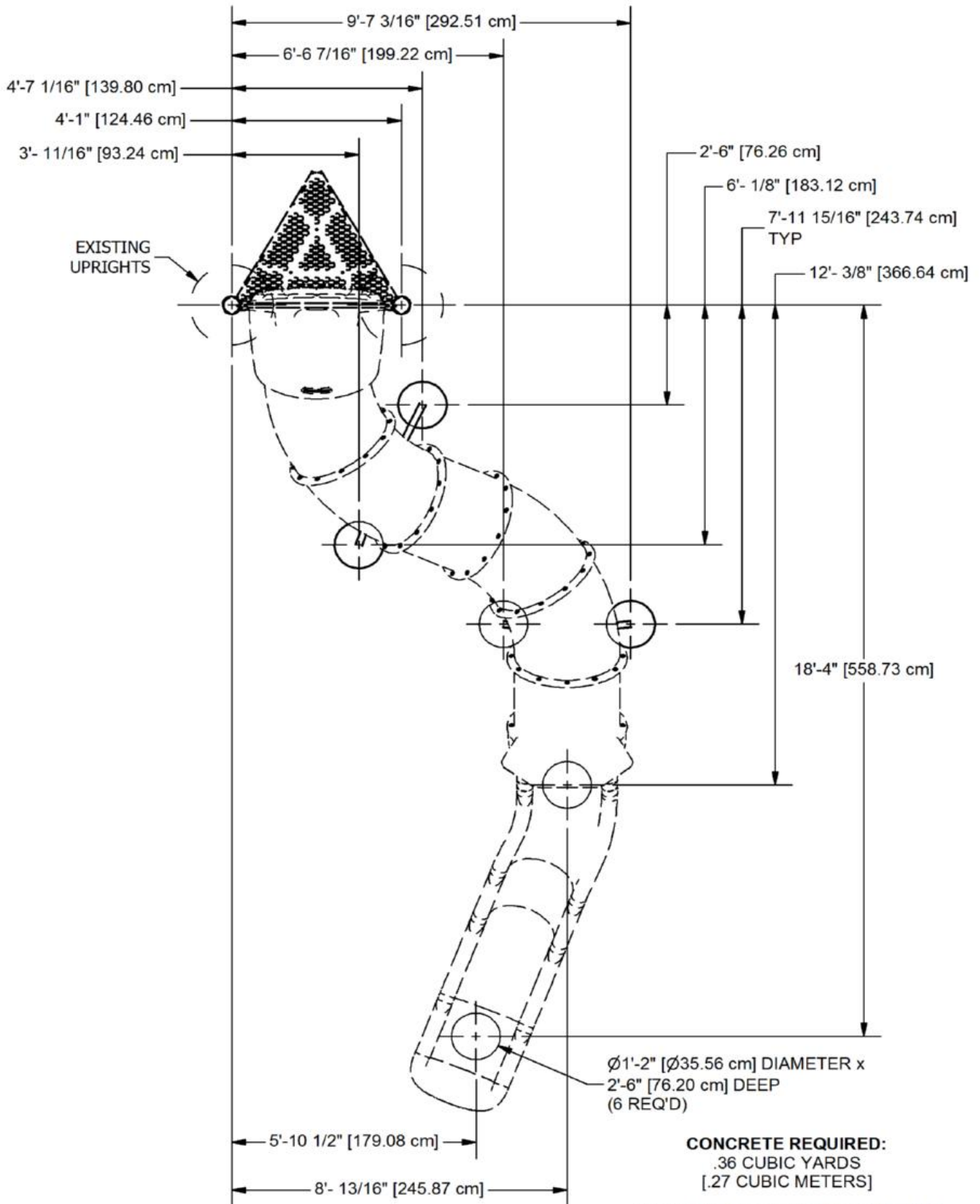
INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed **INSTALLER INSTRUCTIONS** in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the **ASSEMBLY DRAWING**. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

EXIT HEIGHT CHART	
STANDARD	EXIT HEIGHT from SURFACING
ASTM	7" TO 15"
CSA	175mm TO 380mm
EN	350mm OR LESS

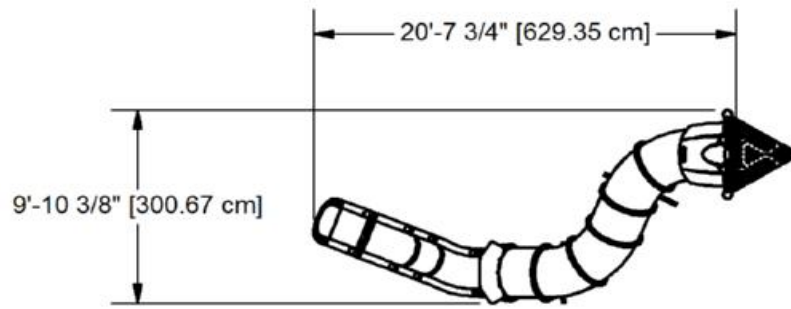
REFER TO MODULAR EQUIPMENT
TOP VIEW FOR CORRECT
ALTUS TOWER SLIDE PANEL



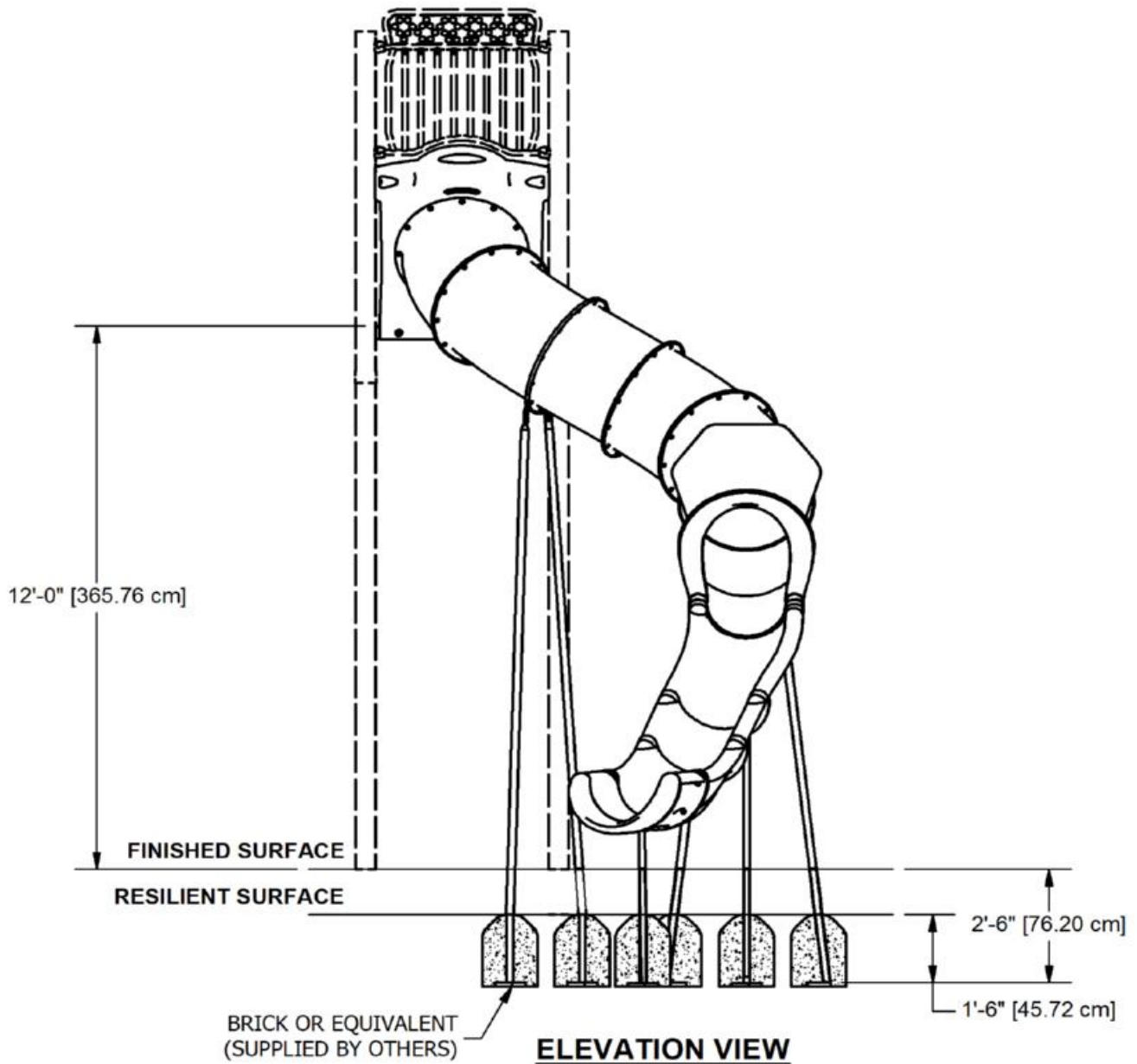


PLAN VIEW

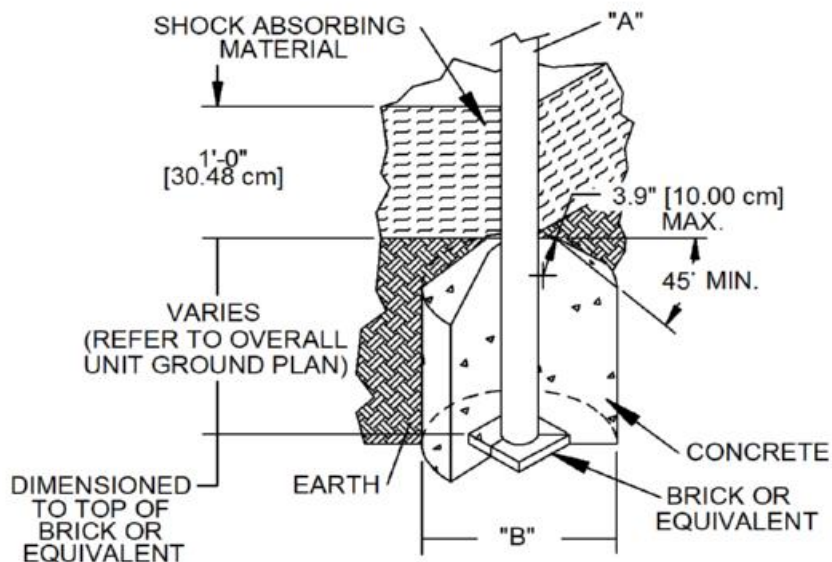
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



TOP VIEW



ELEVATION VIEW



DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]

NOTES:

- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

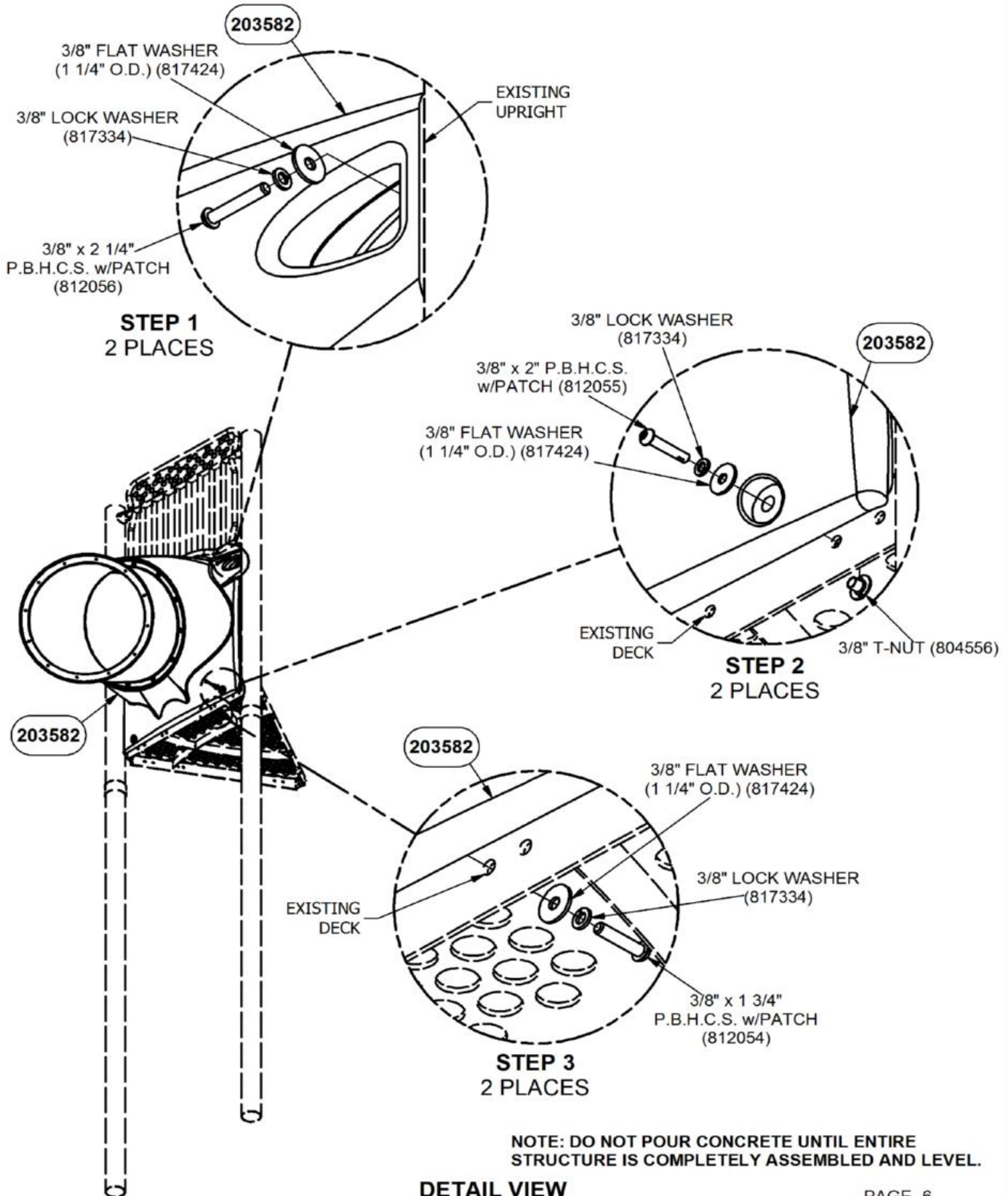
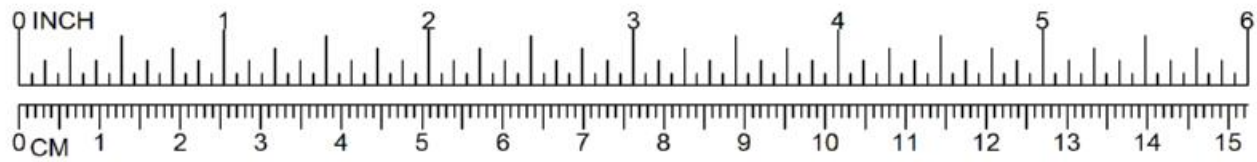
FOOTING DETAIL

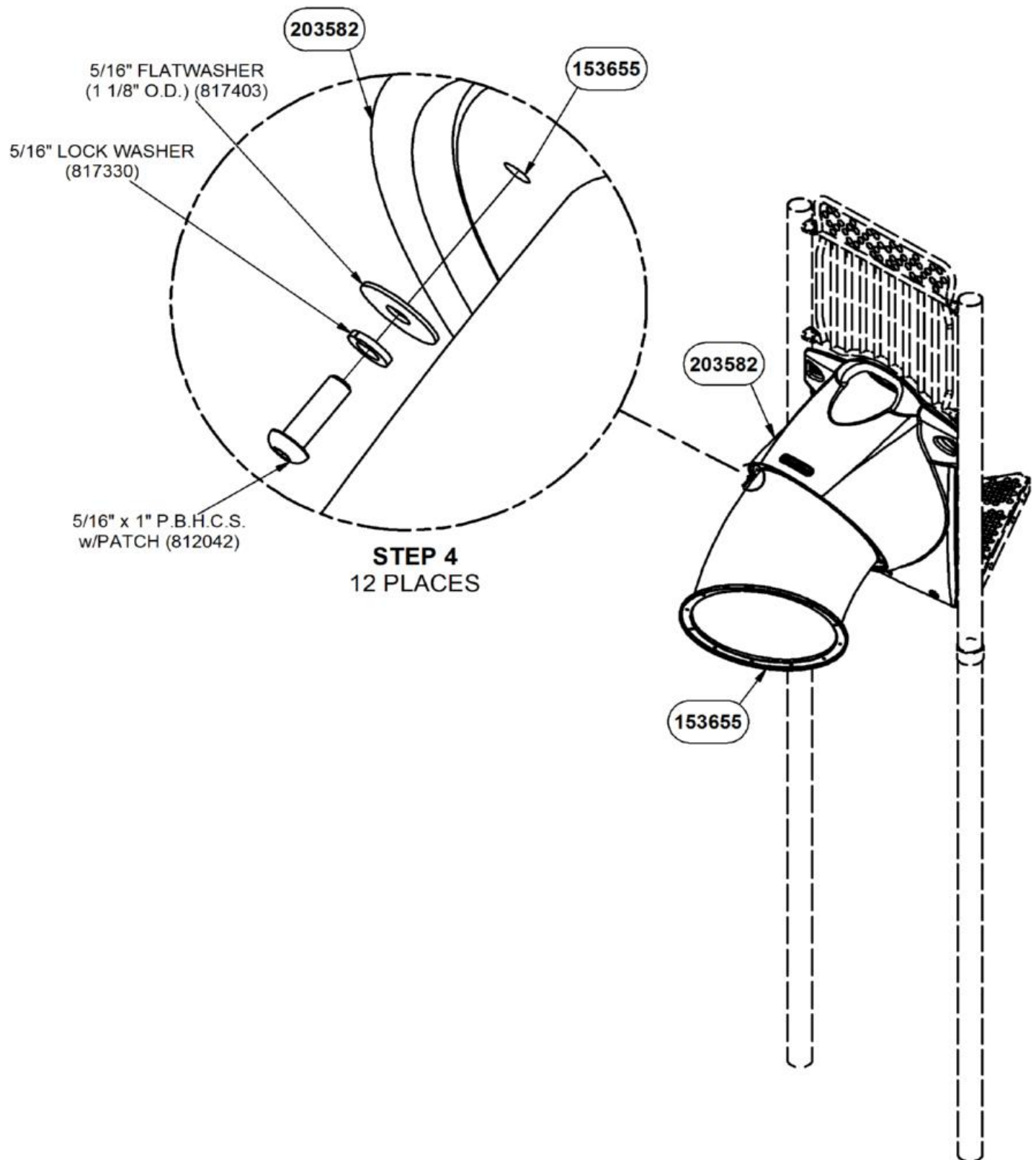
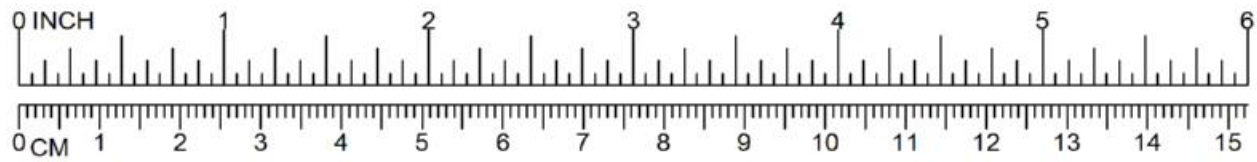
ATTACH 30° ELBOW (153655)
BY ALIGNING INDEX LINES AT
3 AND 9 O'CLOCK POSITIONS.

203582

153655

ASSEMBLY VIEW
FIRST TUBE SECTION

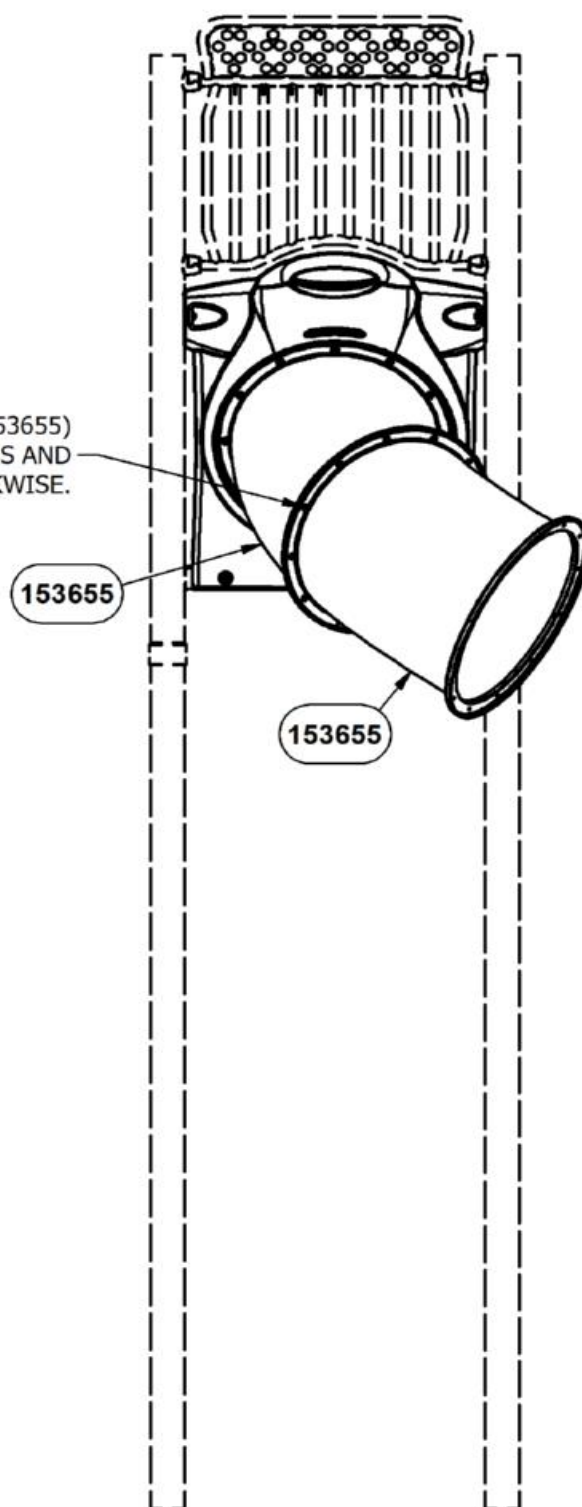




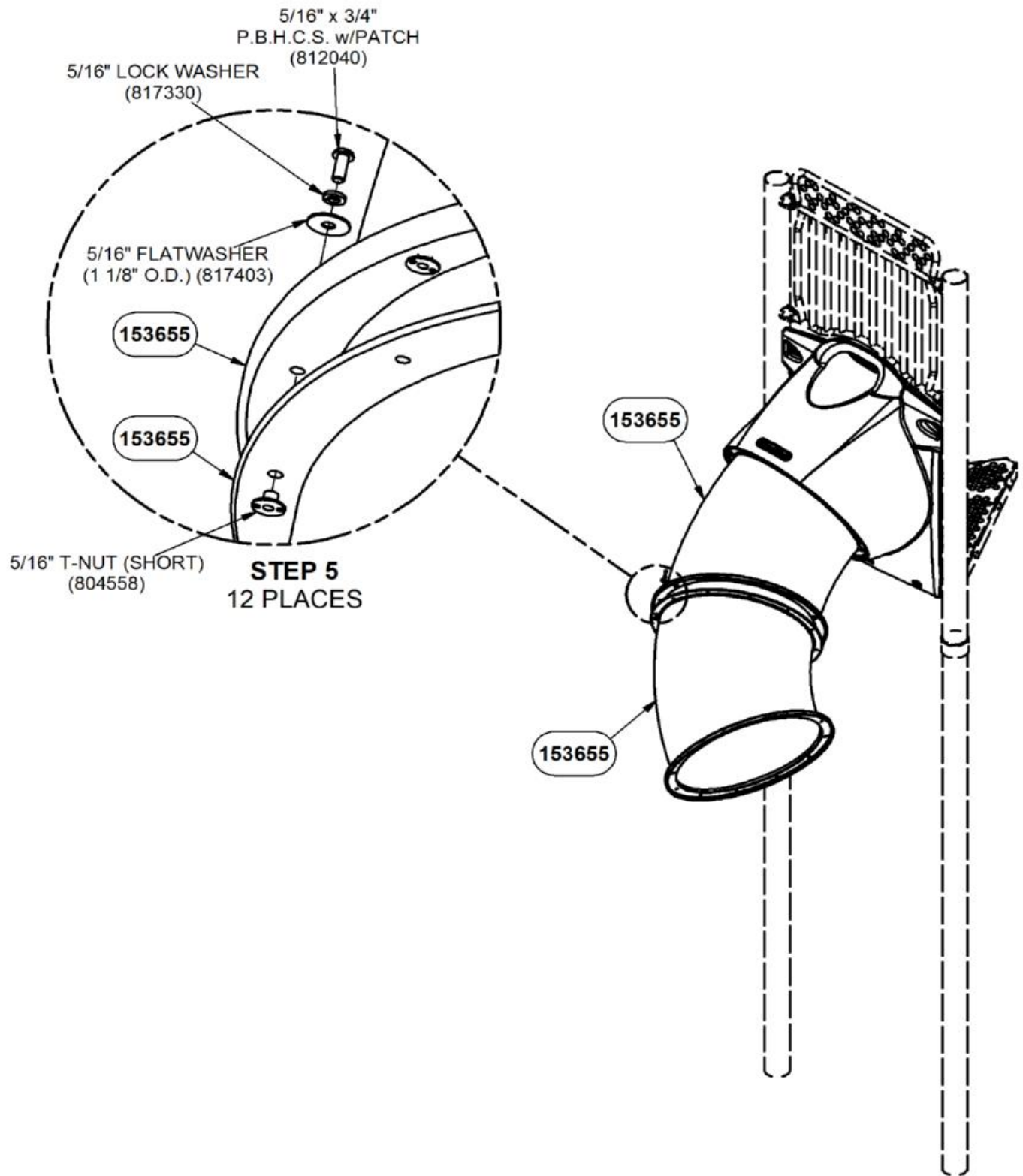
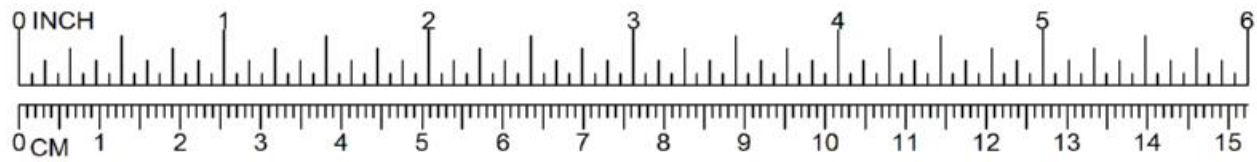
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

ATTACH 30° ELBOW (153655)
BY ALIGNING INDEX LINES AND
ROTATING 30° CLOCKWISE.

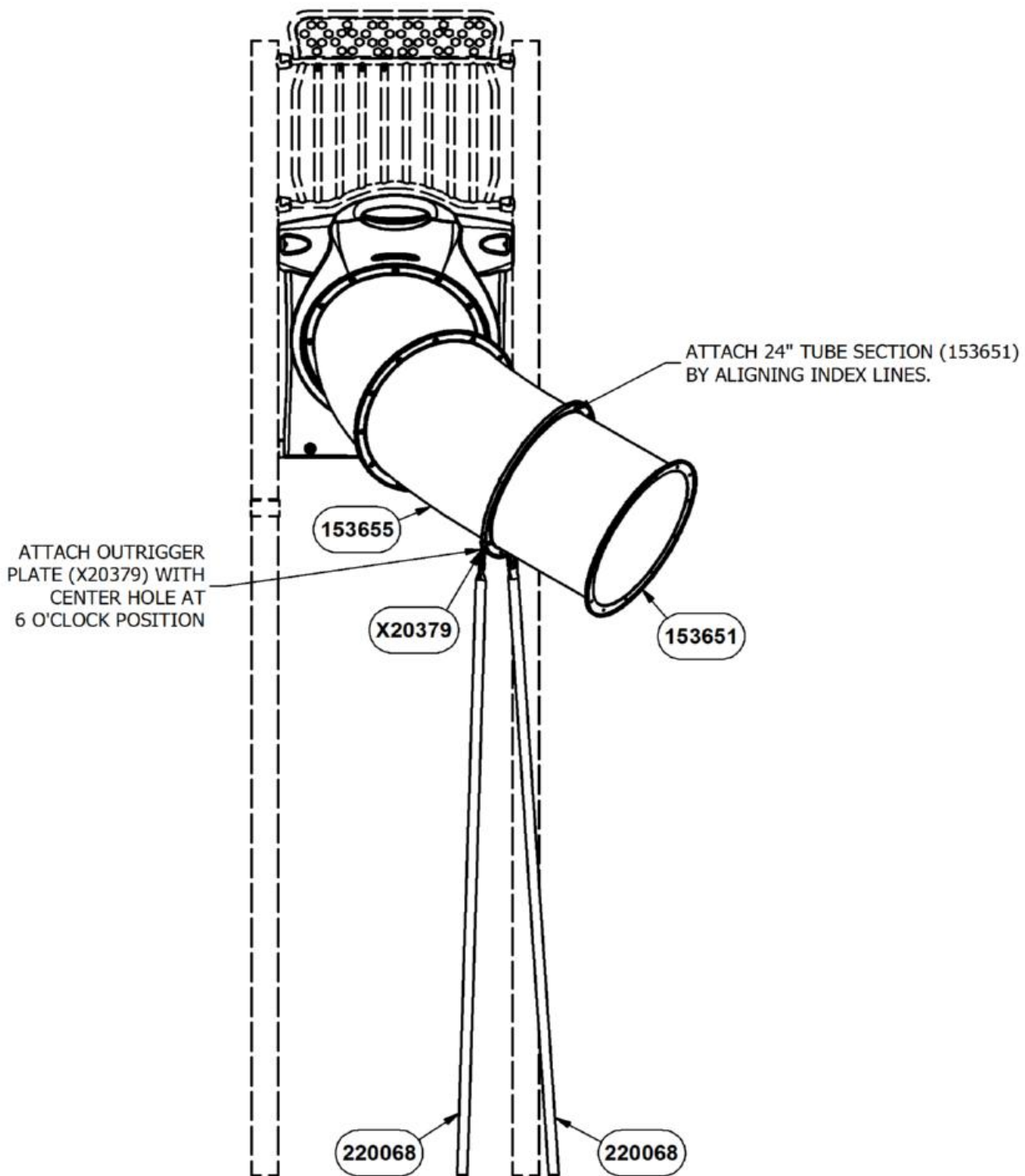


ASSEMBLY VIEW
SECOND TUBE SECTION

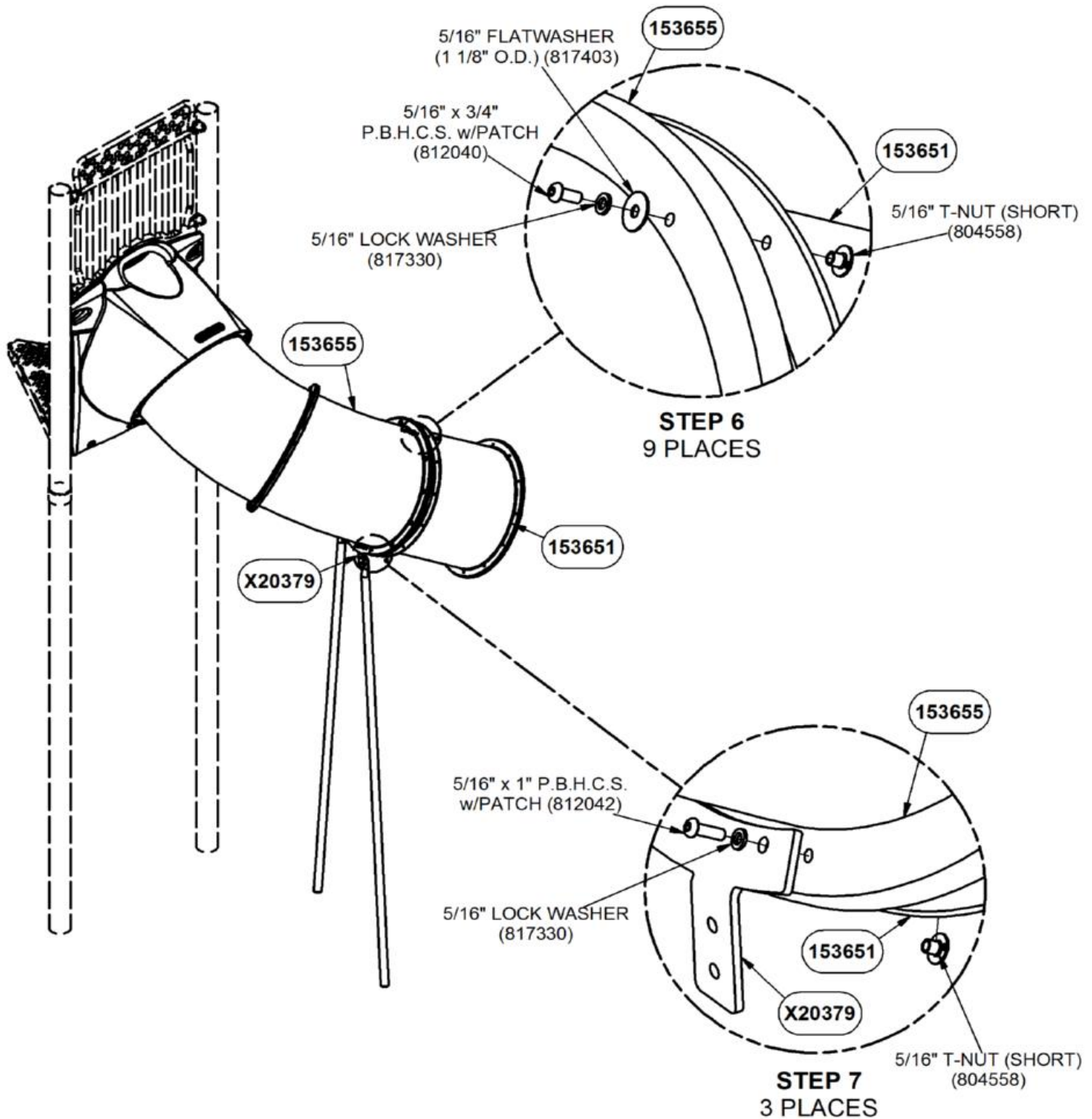
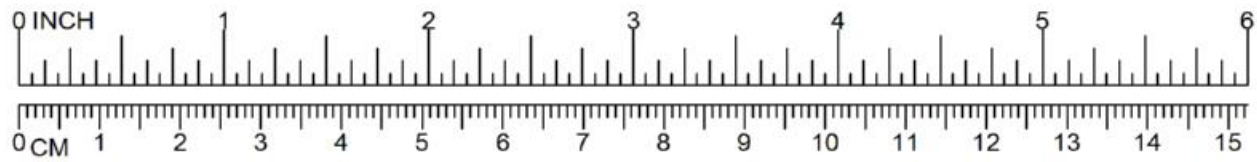


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

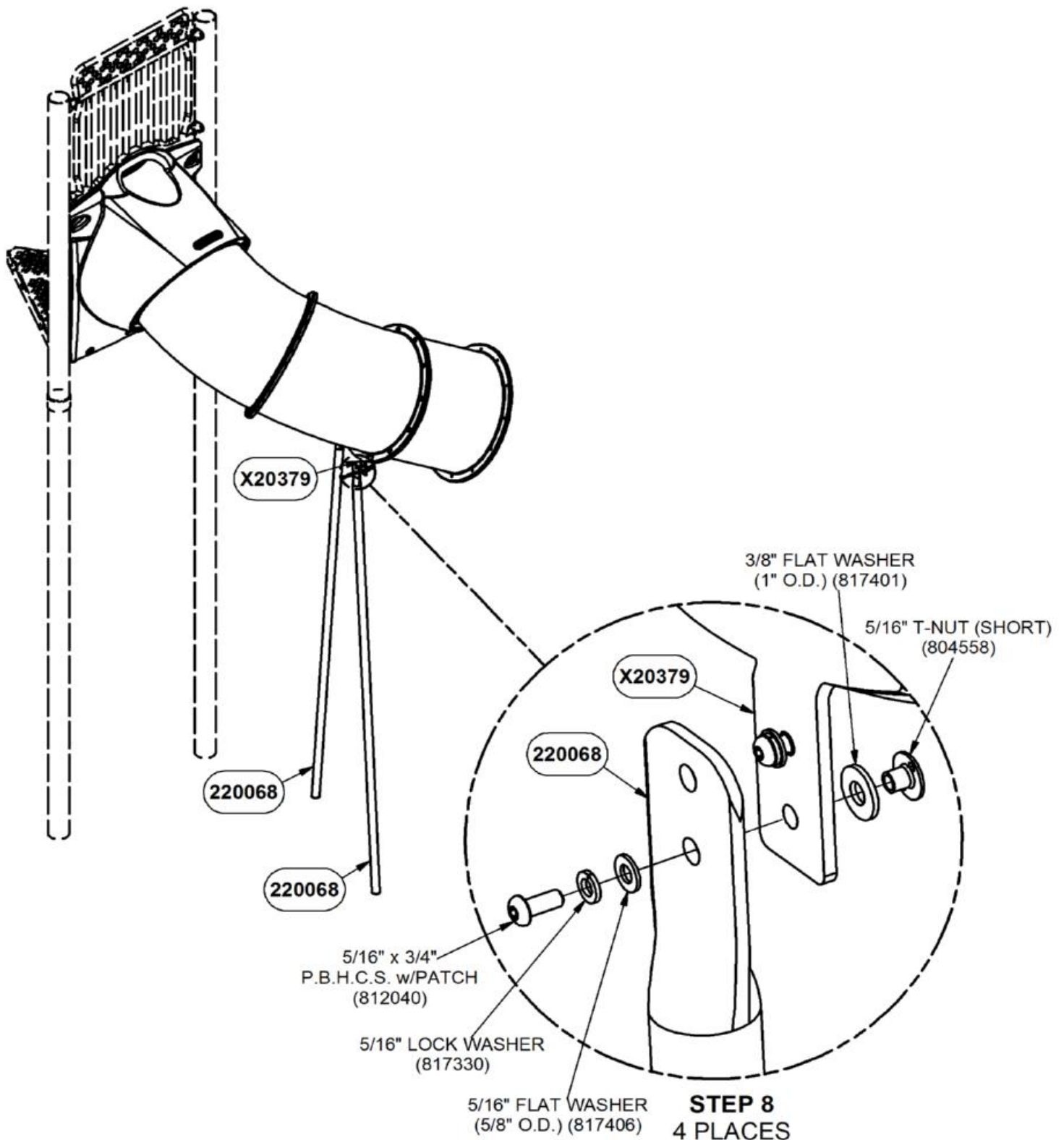
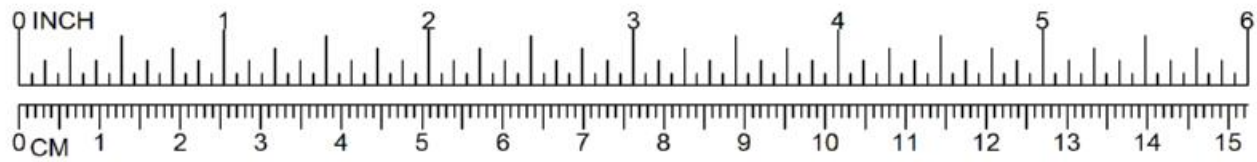


ASSEMBLY VIEW
THIRD TUBE SECTION



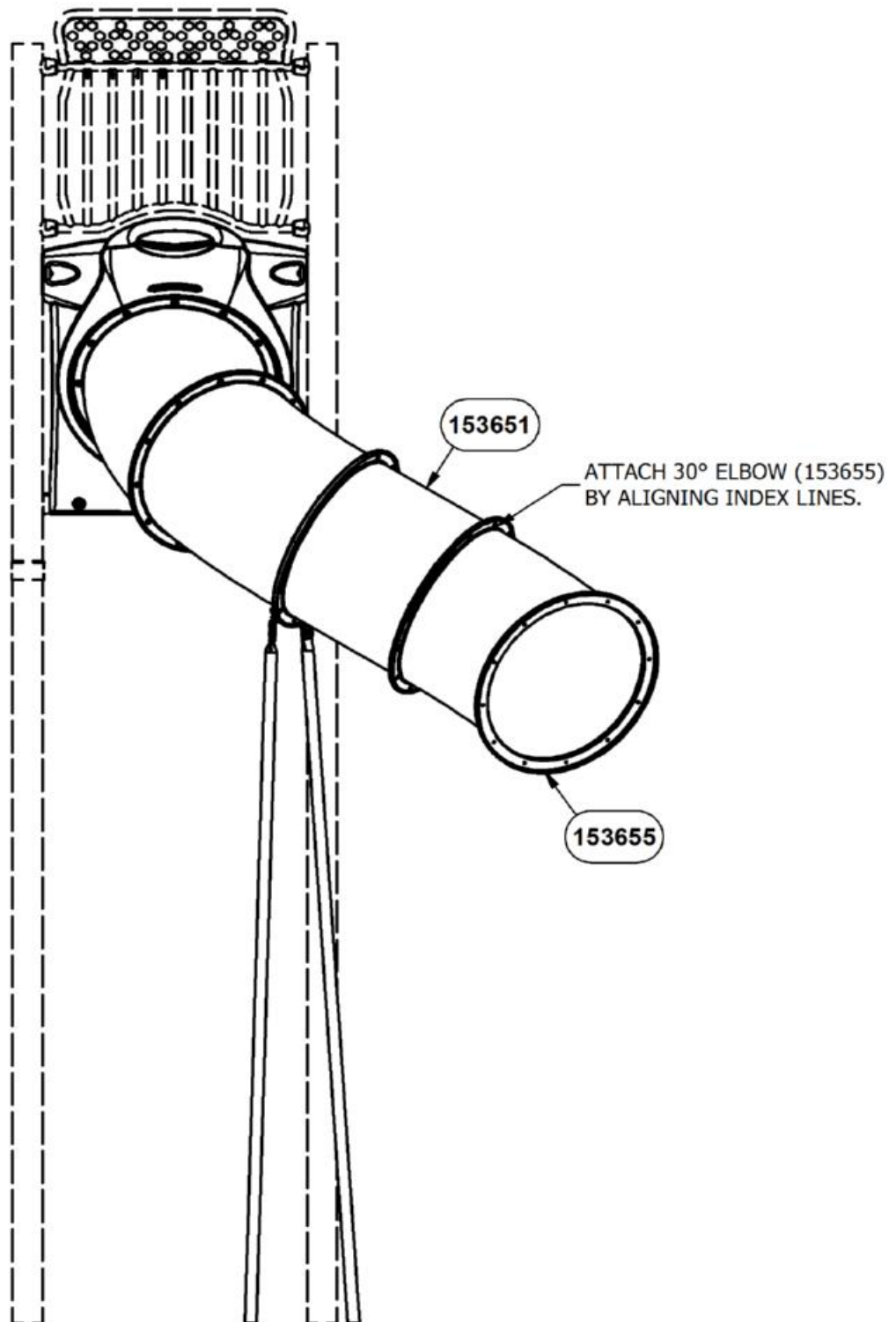
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

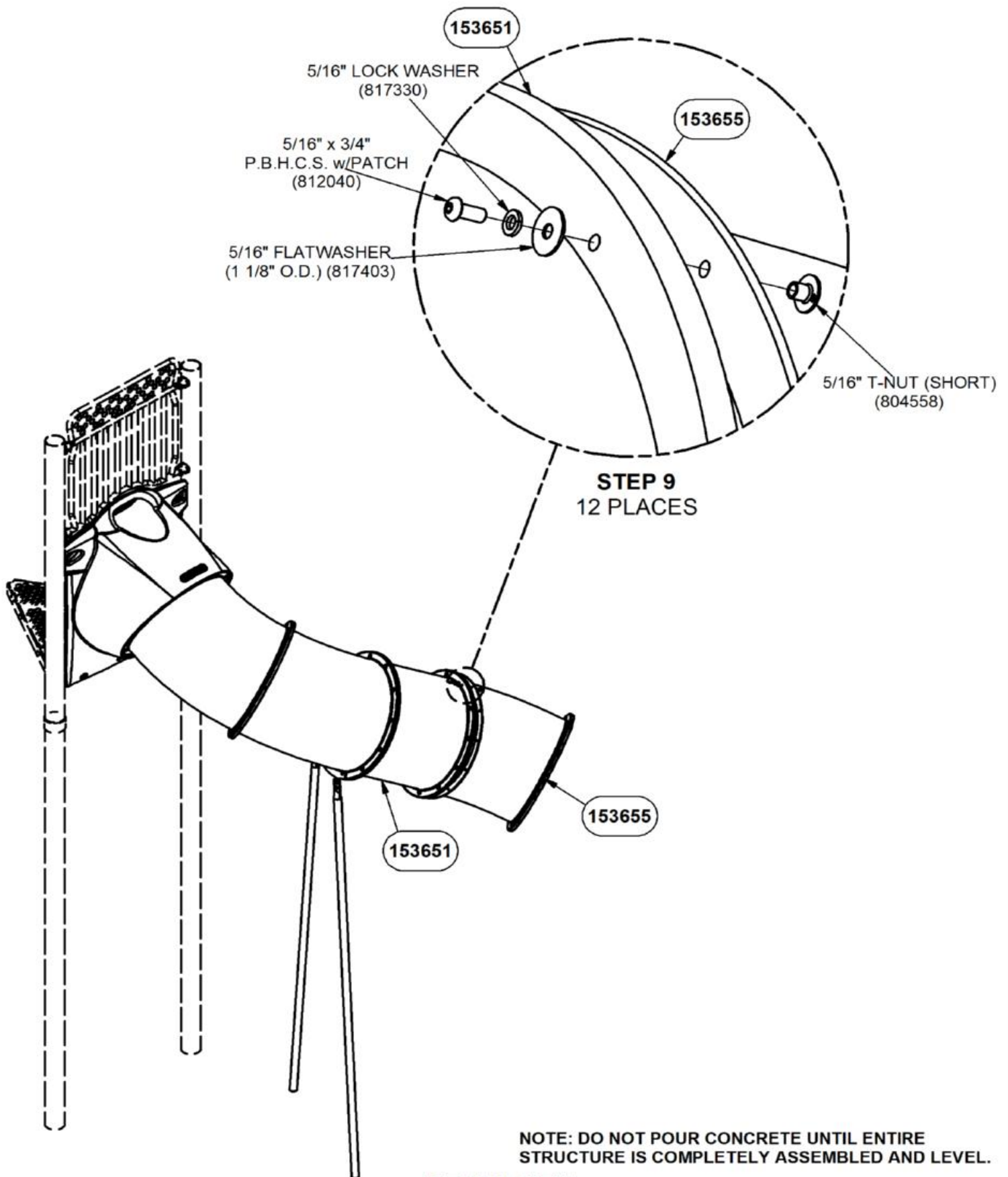
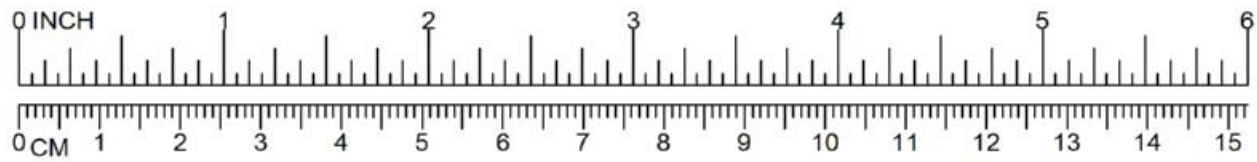


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

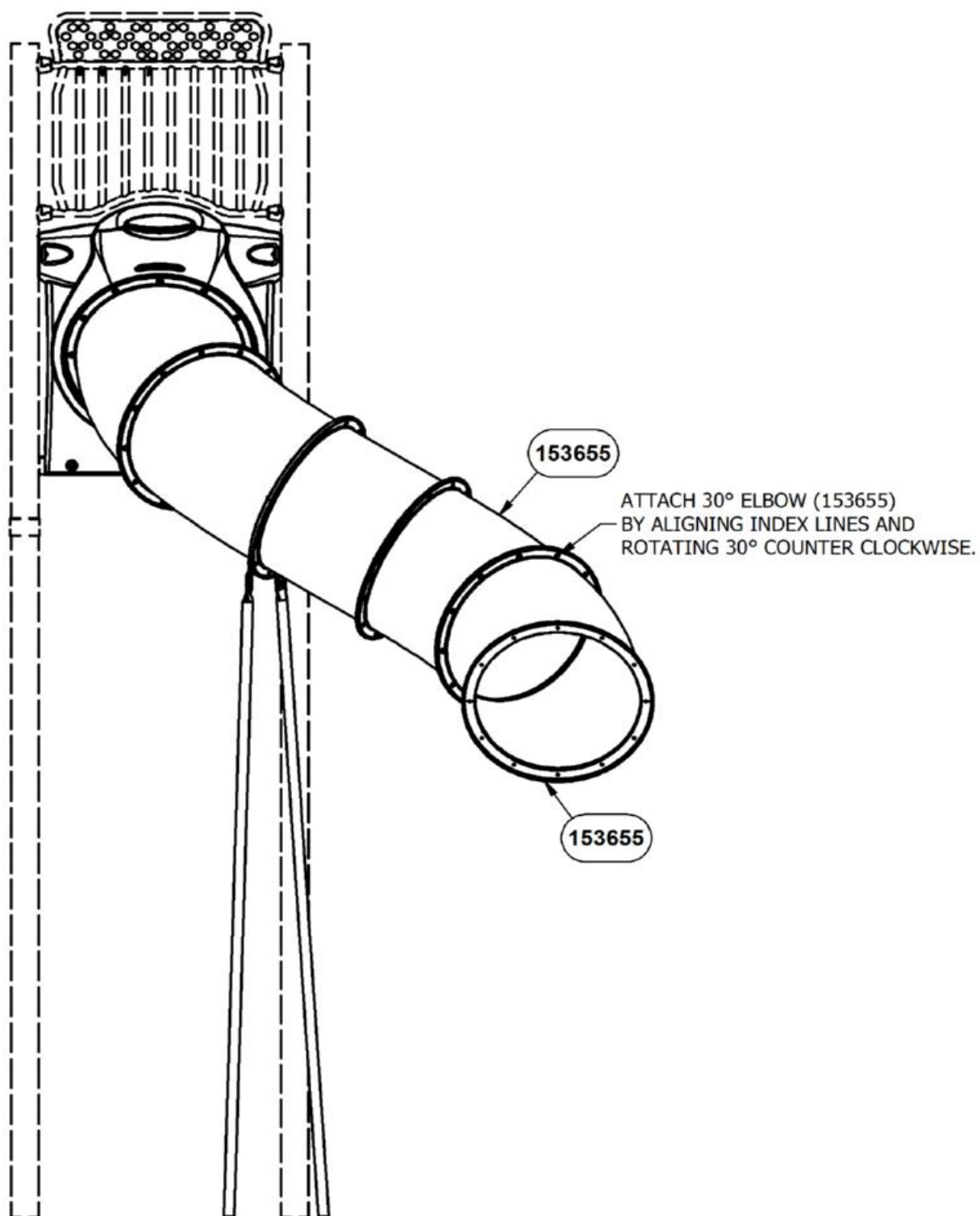
DETAIL VIEW



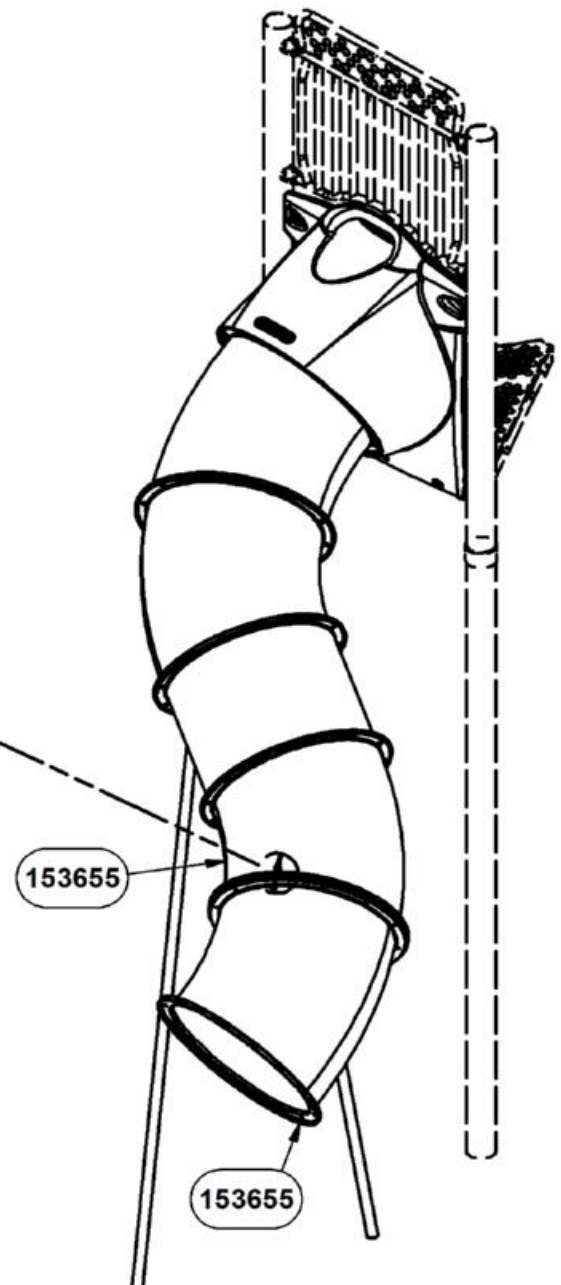
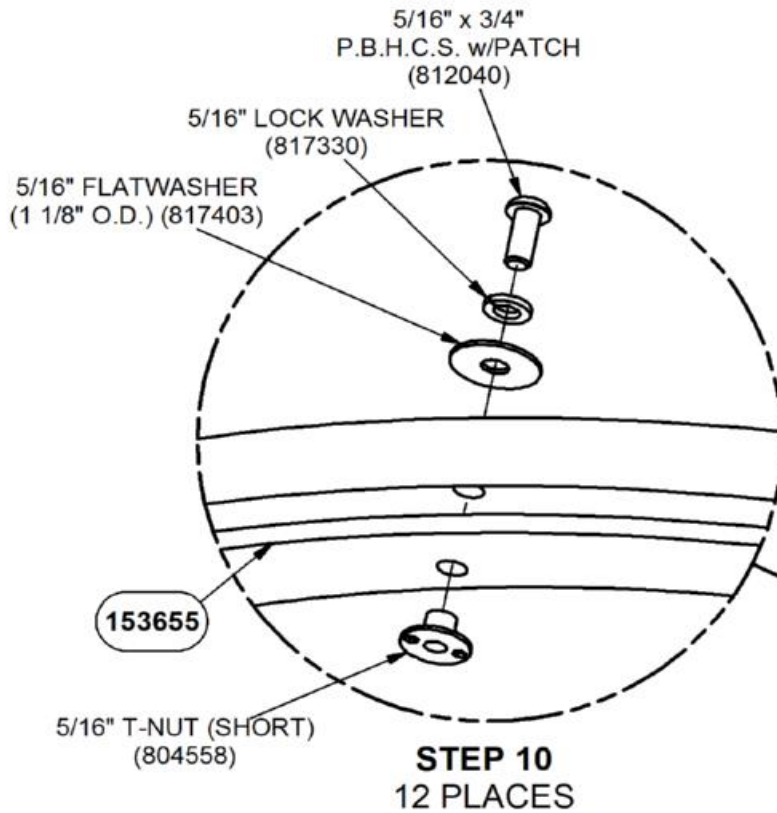
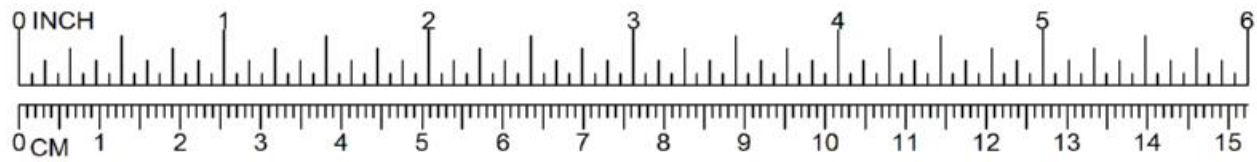
ASSEMBLY VIEW
FOURTH TUBE SECTION



DETAIL VIEW

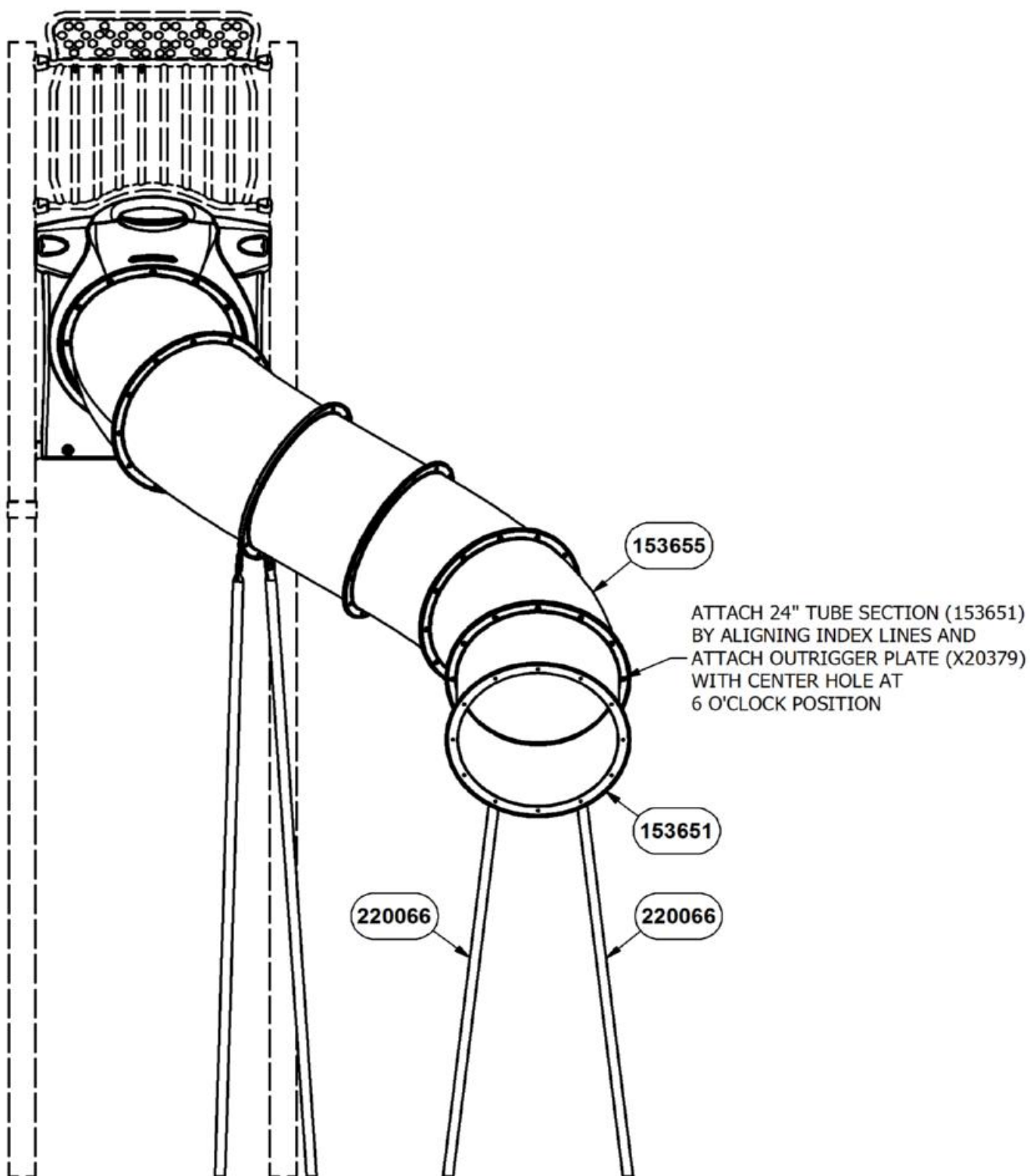


ASSEMBLY VIEW
FIFTH TUBE SECTION

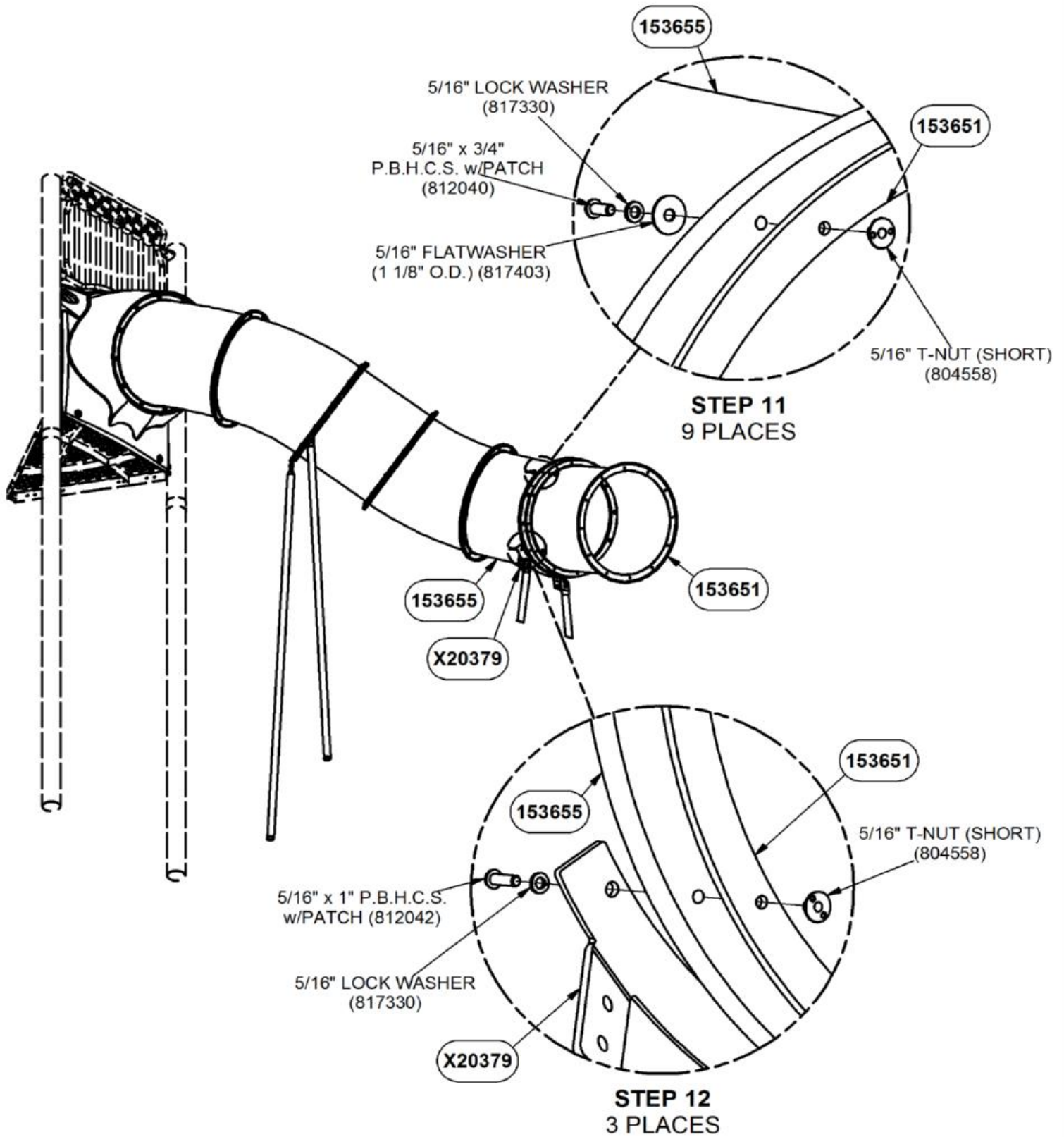
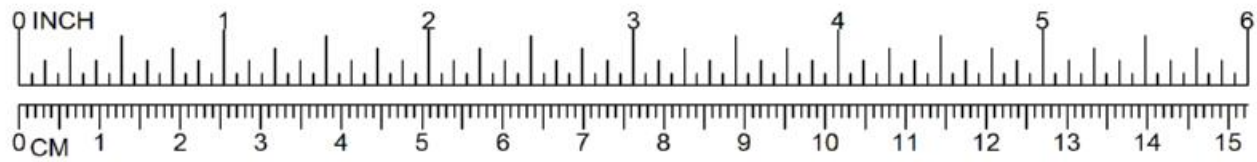


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

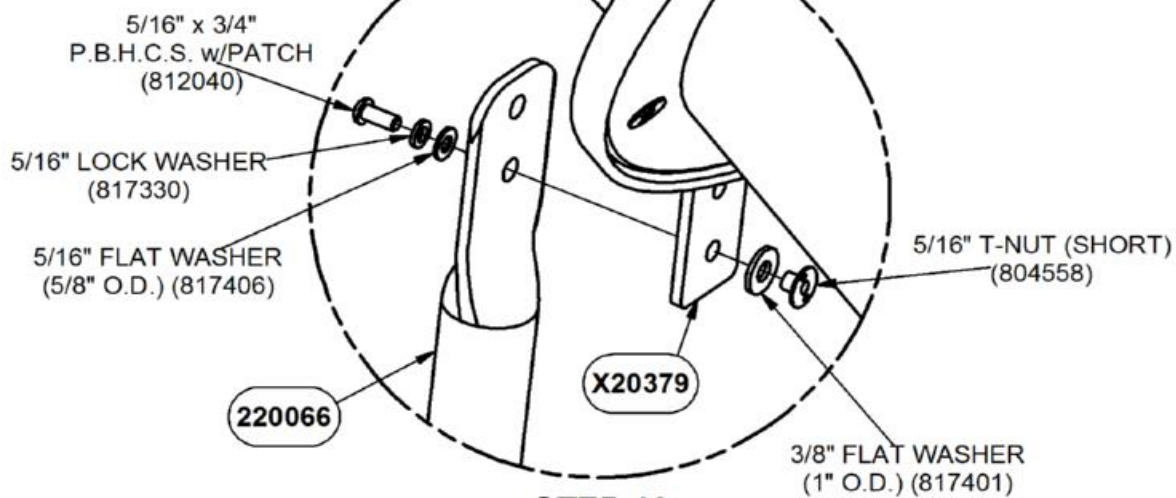
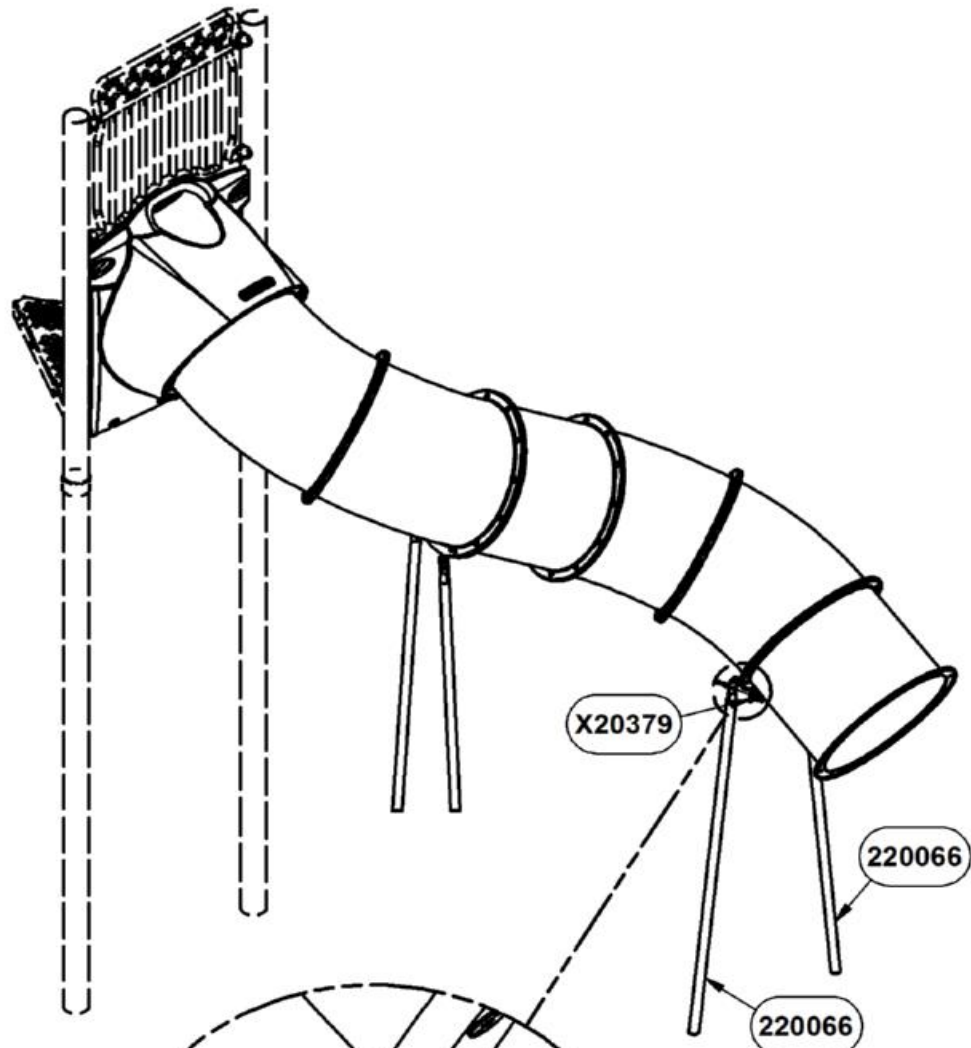
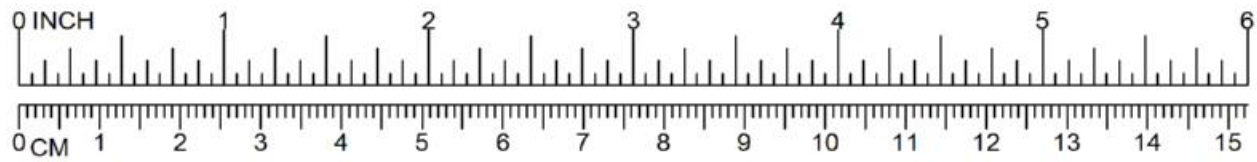


ASSEMBLY VIEW
SIXTH TUBE SECTION



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

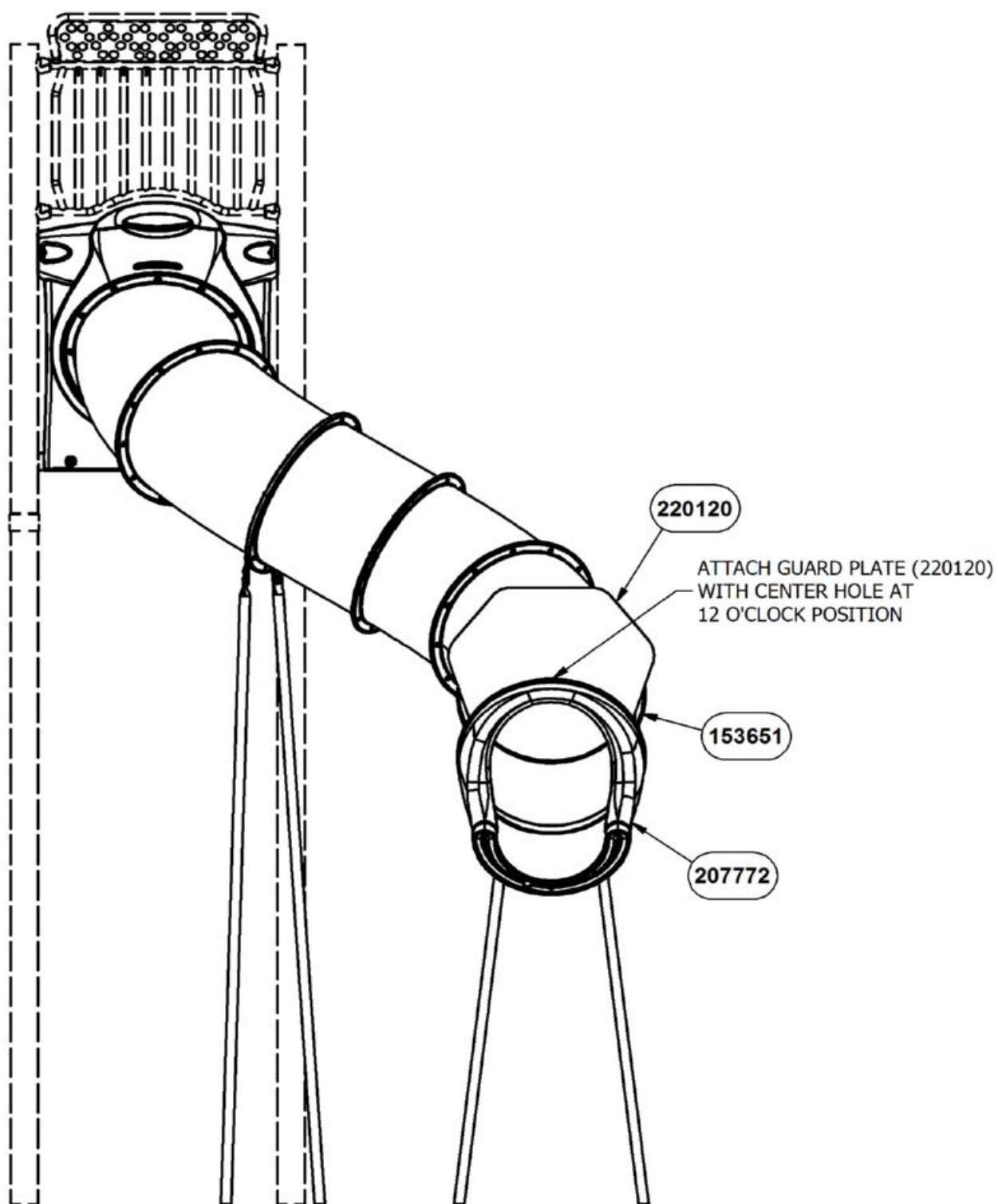
DETAIL VIEW



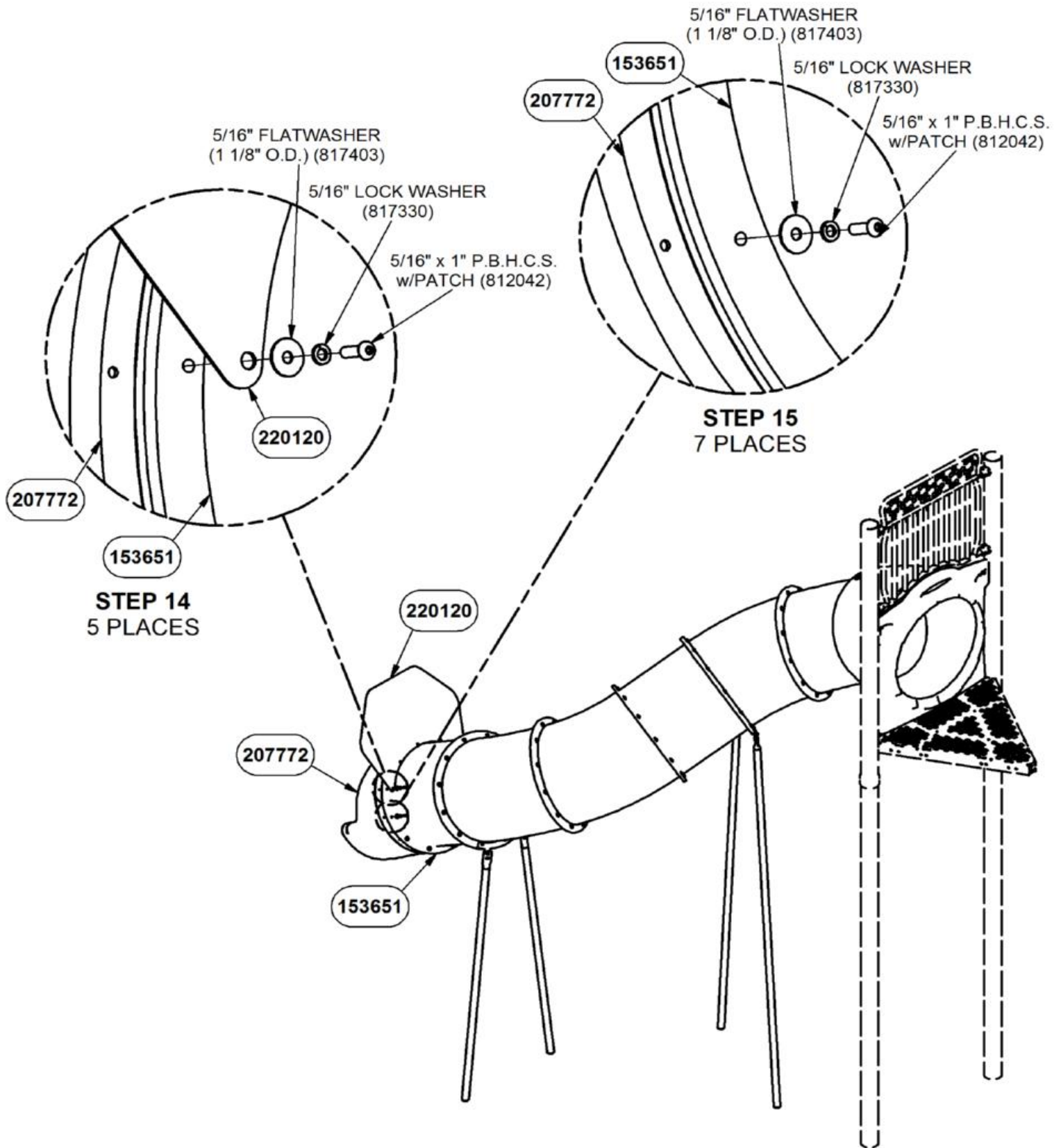
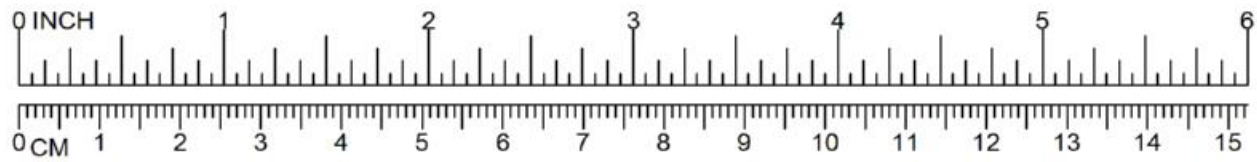
STEP 13
4 PLACES

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

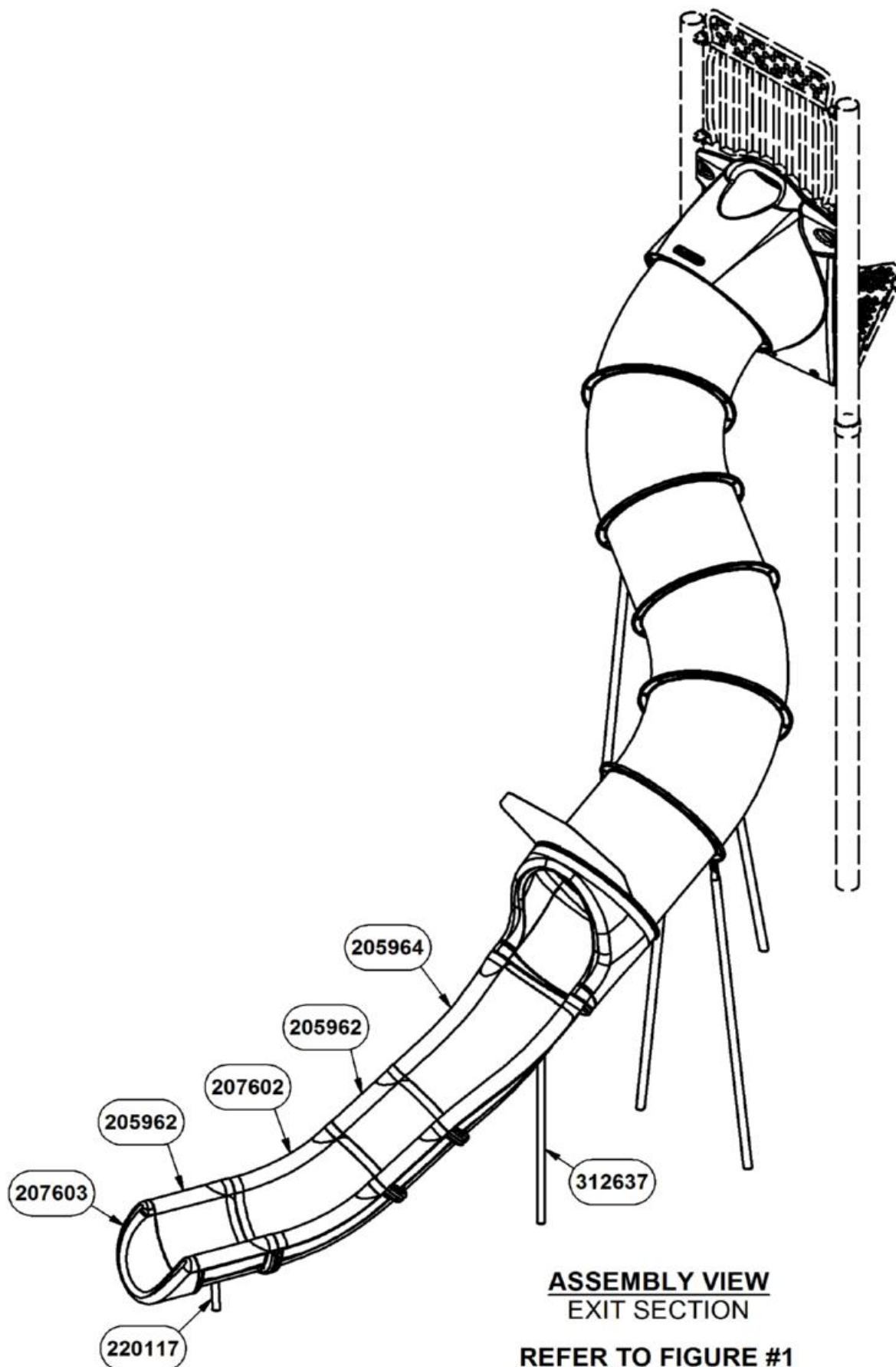


ASSEMBLY VIEW
WILDERTUBE SECTION



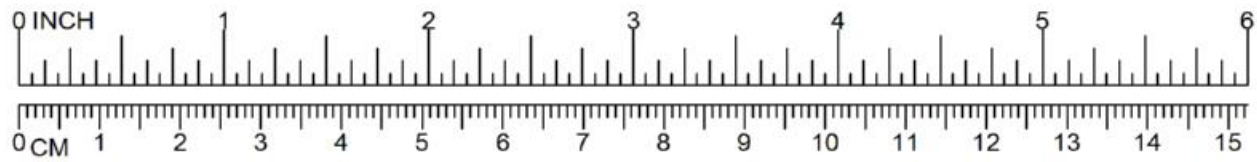
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

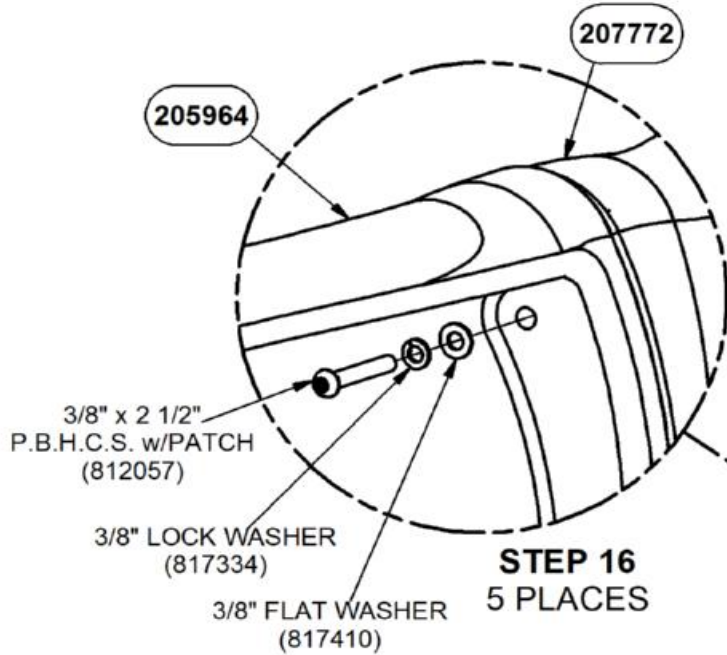


ASSEMBLY VIEW
EXIT SECTION

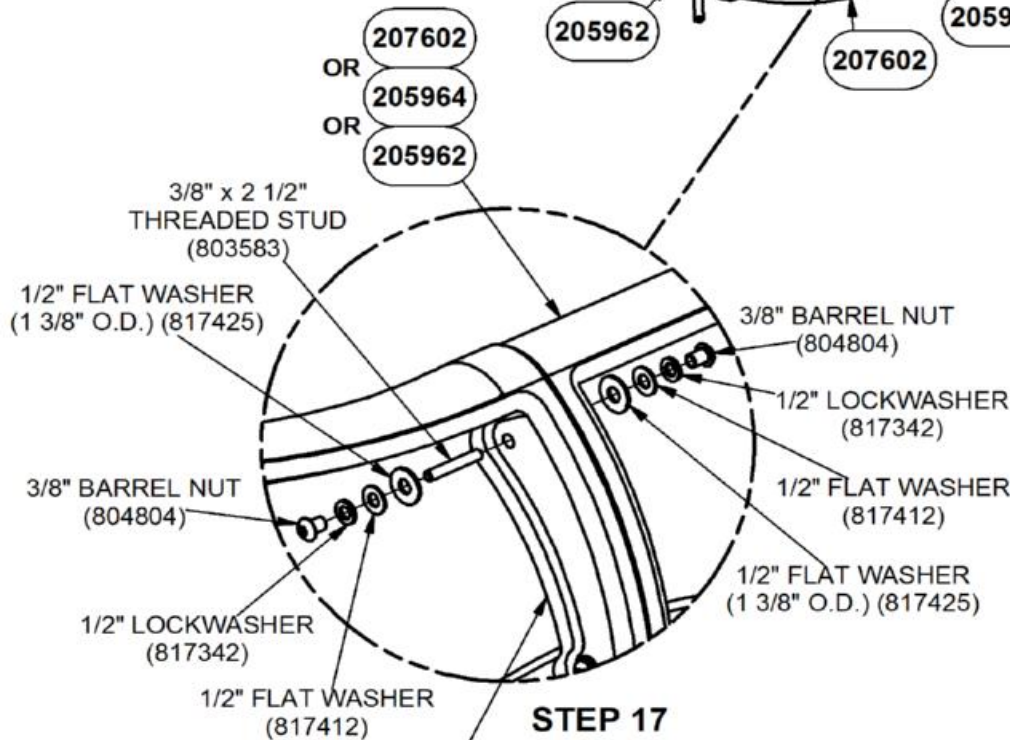
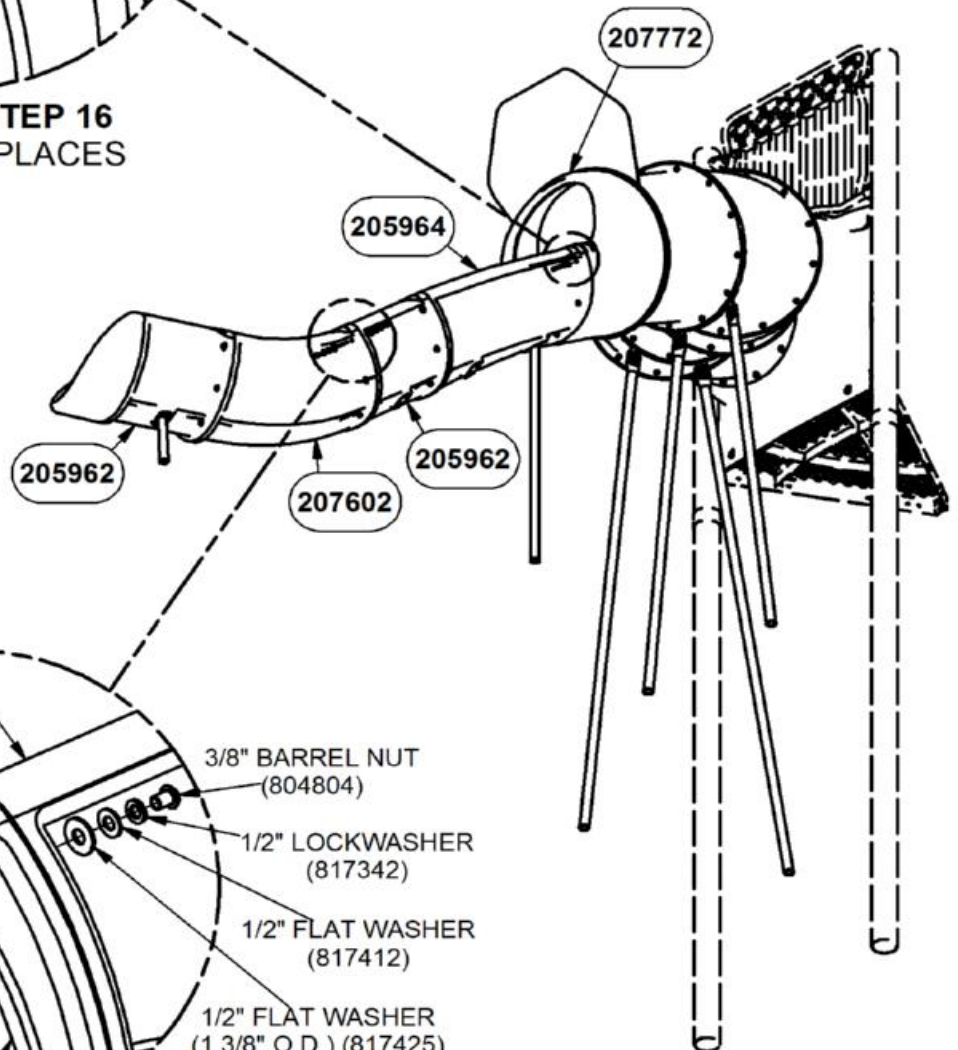
**REFER TO FIGURE #1
AND FIGURE #2
ON PAGE 26**



REFER TO FIGURE #1
AND FIGURE #2
ON PAGE 26



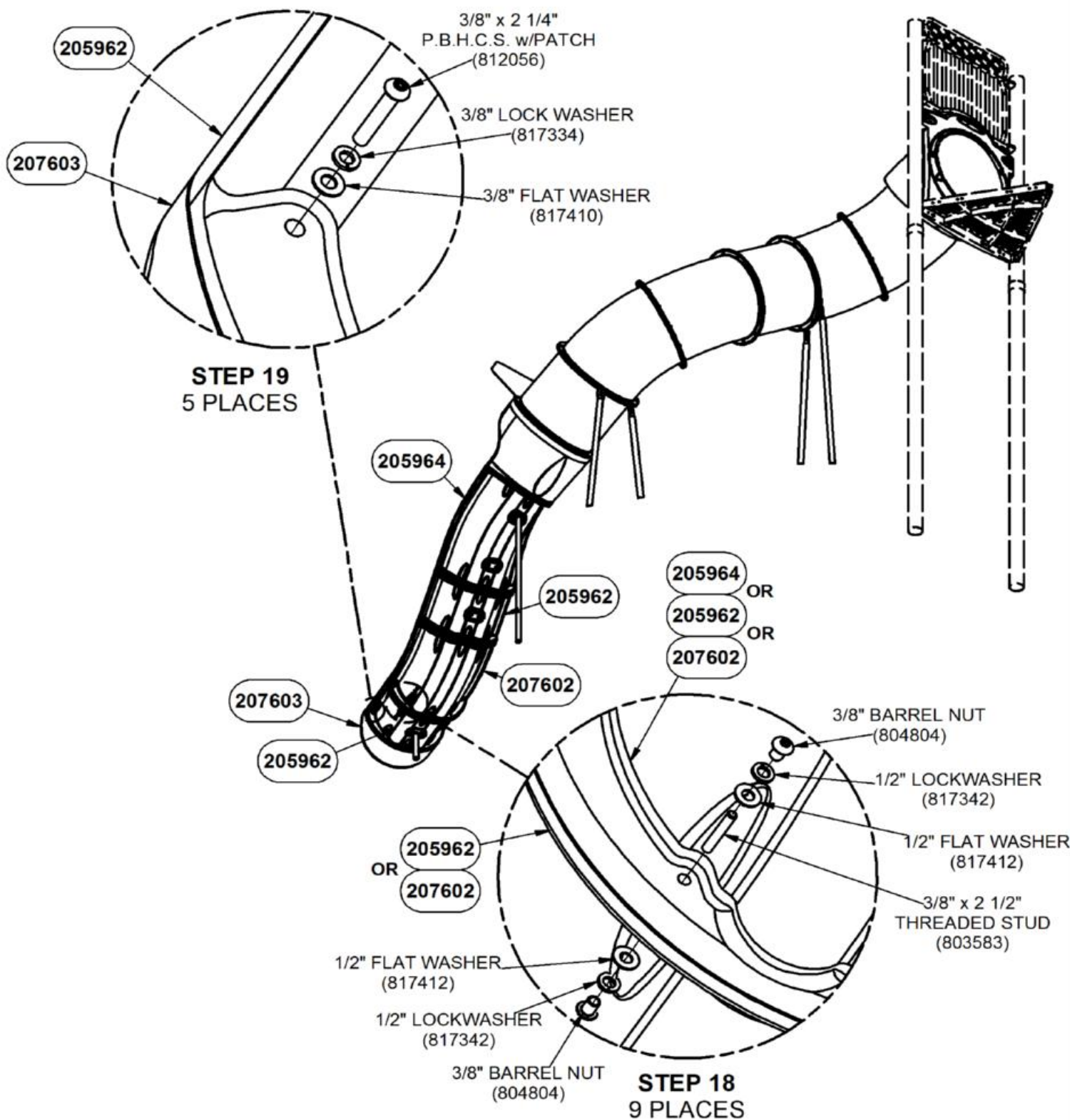
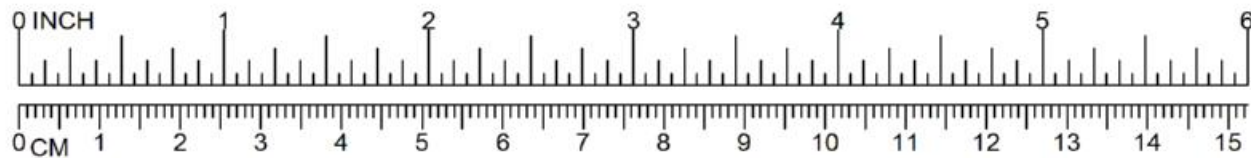
STEP 16
5 PLACES



STEP 17
6 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

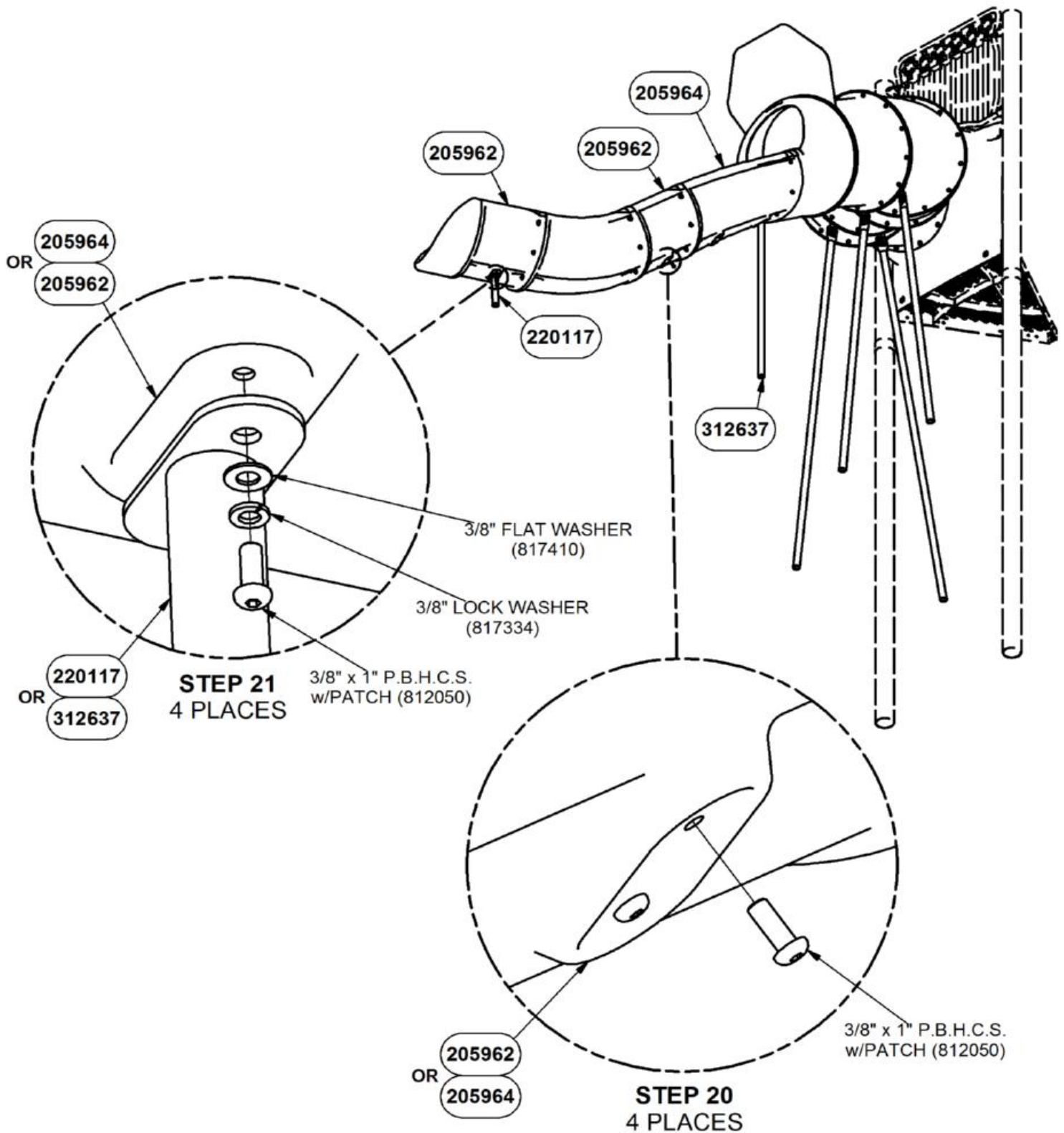
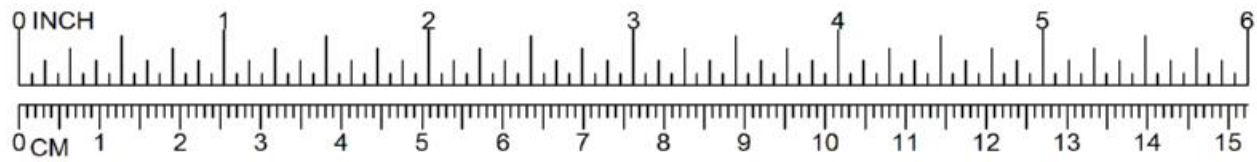
DETAIL VIEW



REFER TO FIGURE #1
AND FIGURE #2
ON PAGE 26

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

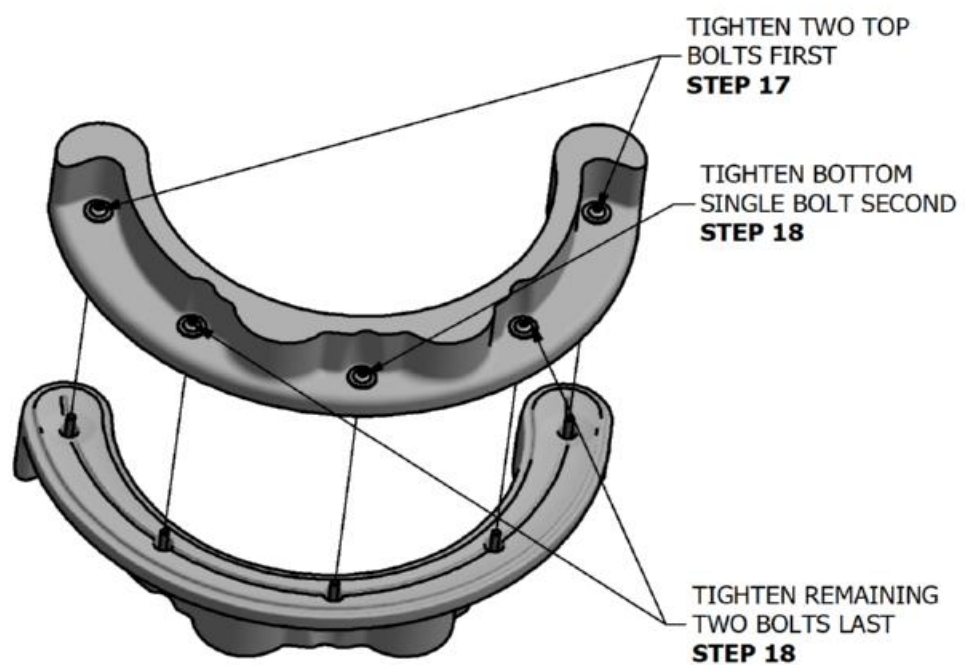


FIGURE #1

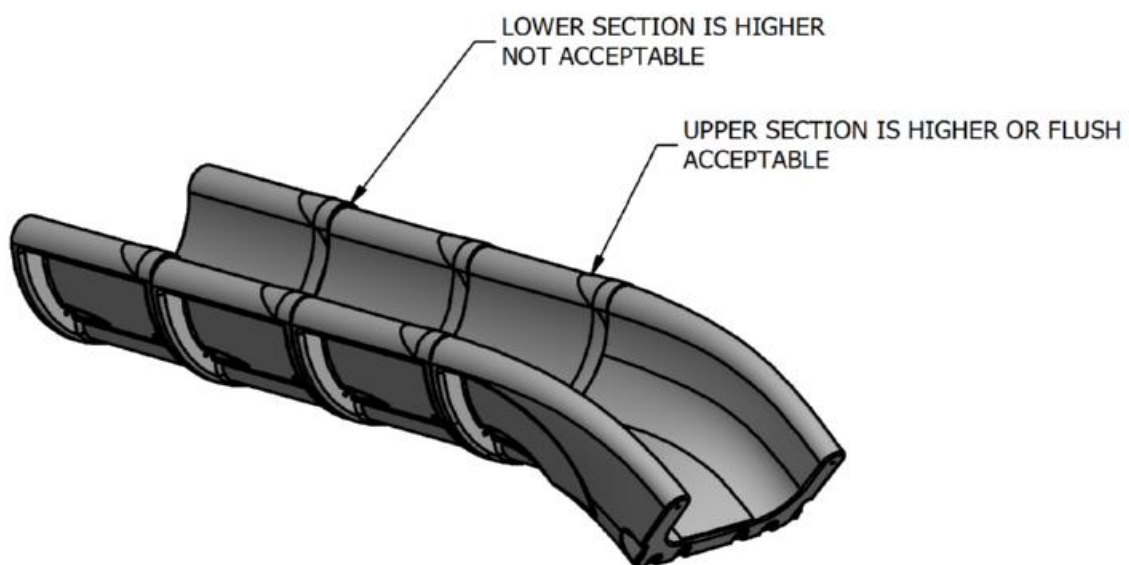


FIGURE #2

Parts List		
DESCRIPTION	QTY	PART NUMBER
TUBE ENTRANCE	1	203582
30 DEGREE ELBOW	4	153655
24" TUBE SECTION	2	153651
WILBERTUBE SECTION	1	207772
CURVED RIGHT SECTION	1	205964
STRAIGHT SECTION	2	205962
TRANSITION SECTION	1	207602
END CAP	1	207603
OUTRIGGER PLATE	2	X20379
SMASHED FOOTBUCK	2	220068
SMASHED FOOTBUCK	2	220066
SUPPORT ASS'Y 2	1	312637
FOOTBUCK WELD ASSEMBLY	1	220117
SLIDE GUARD PLATE	1	220120
HARDWARE COMPLETE	1	6057HW
5/16" x 3/4" P.B.H.C.S. w/PATCH	62	812040*
5/16" x 1" P.B.H.C.S. w/PATCH	30	812042*
5/16" FLATWASHER (1 1/8" O.D.)	78	817403*
5/16" FLAT WASHER (5/8" O.D.)	8	817406*
5/16" LOCK WASHER	92	817330*
5/16" T-NUT (SHORT)	68	804558*
3/8" x 1" P.B.H.C.S. w/PATCH	8	812050*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	812054*
3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	7	812056*
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	5	812057*
3/8" x 2 1/2" THREADED STUD	15	803583*
3/8" FLAT WASHER (1 1/4" O.D.)	6	817424*
3/8" FLAT WASHER (1" O.D.)	8	817401*
3/8" FLAT WASHER	14	817410*
3/8" LOCK WASHER	20	817334*
3/8" BARREL NUT	30	804804*
3/8" T-NUT	2	804556*
1/2" FLAT WASHER (1 3/8" O.D.)	12	817425*
1/2" FLAT WASHER	30	817412*
1/2" LOCKWASHER	30	817342*

Unless Otherwise Specified, All Units of Measure are Each
 * Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.



A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 10/15/2020

6058RP ALTUS X2 TOWER SPIRAL SLIDE

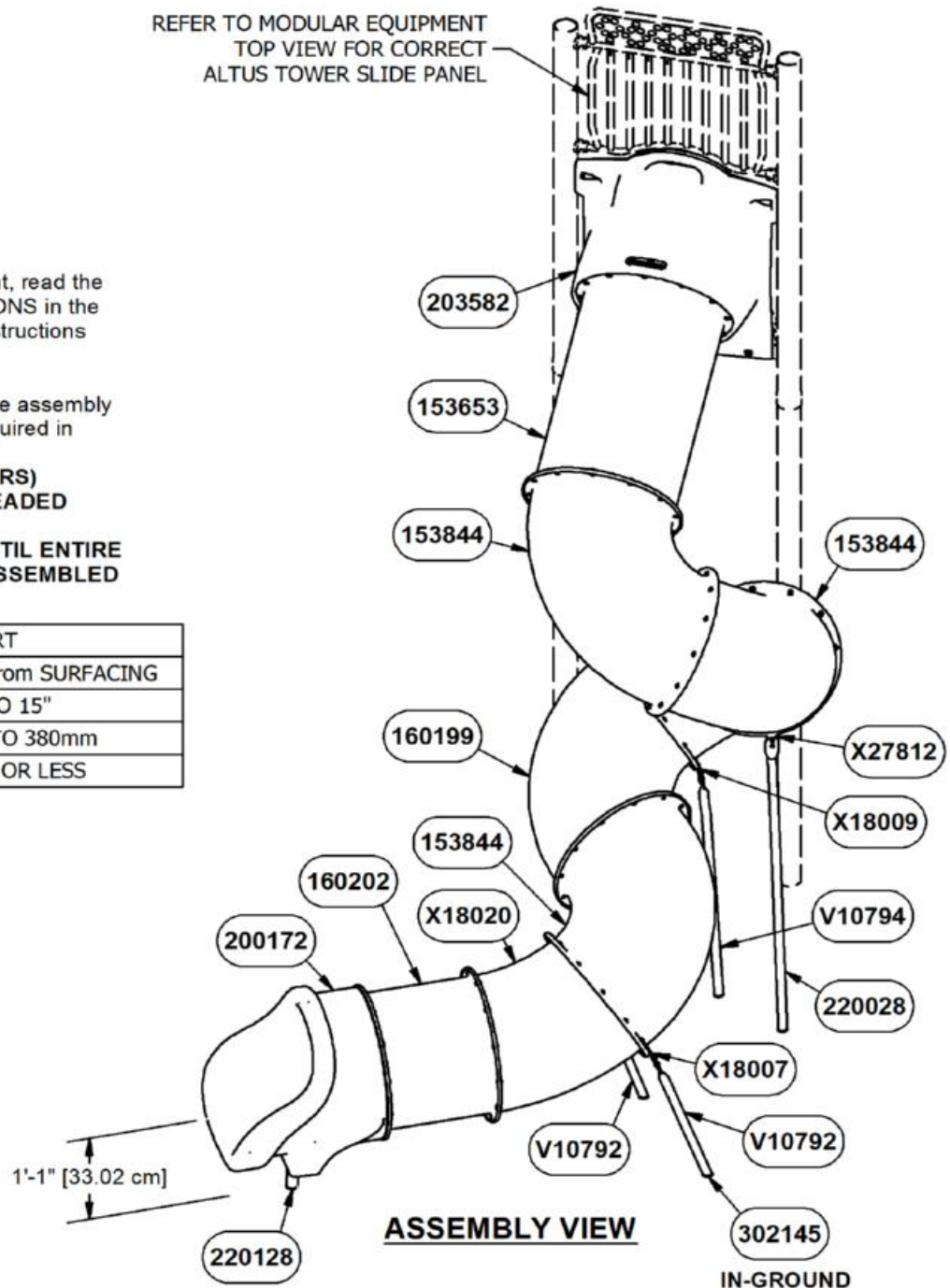


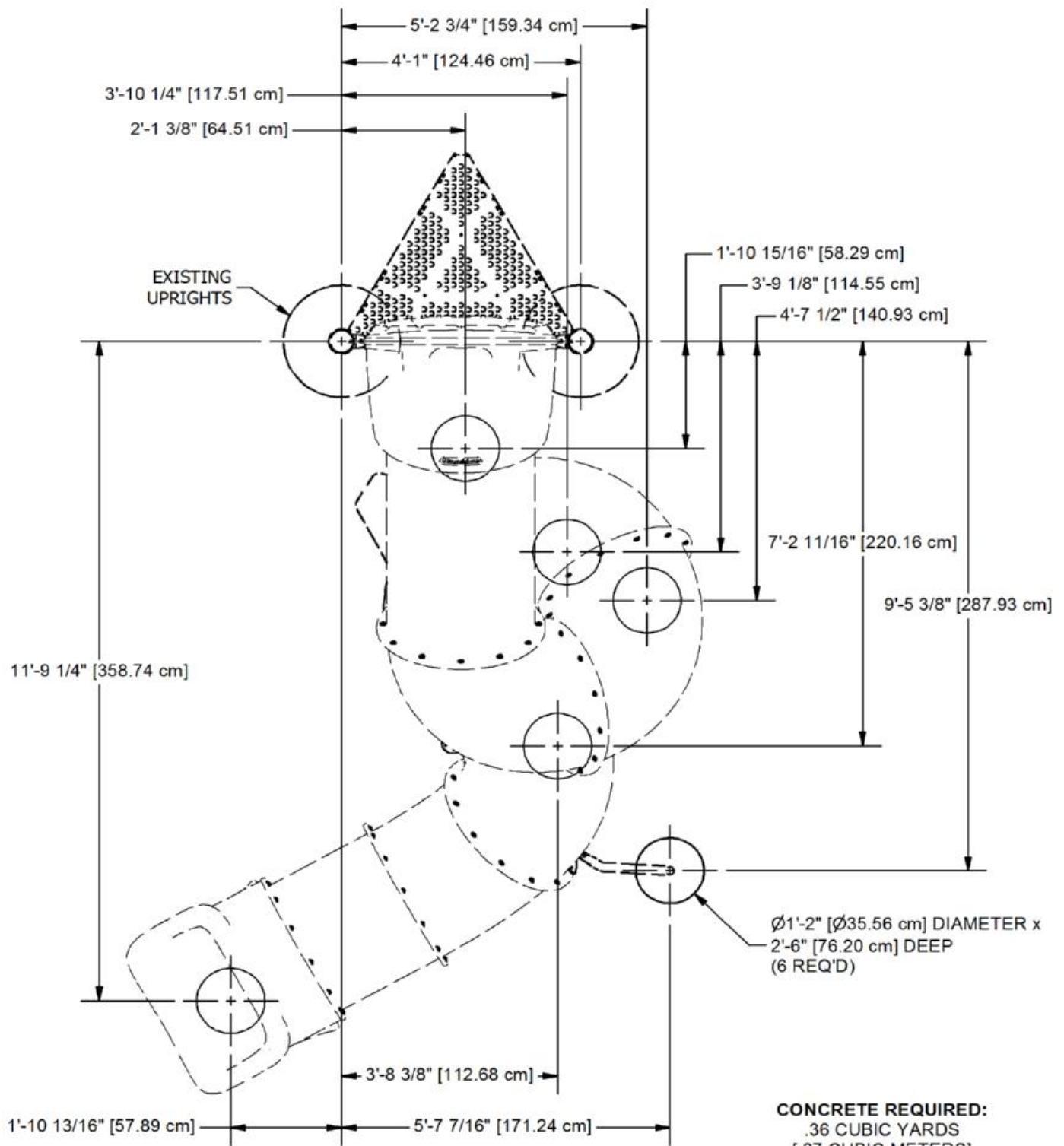
INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

EXIT HEIGHT CHART	
STANDARD	EXIT HEIGHT from SURFACING
ASTM	7" TO 15"
CSA	175mm TO 380mm
EN	350mm OR LESS

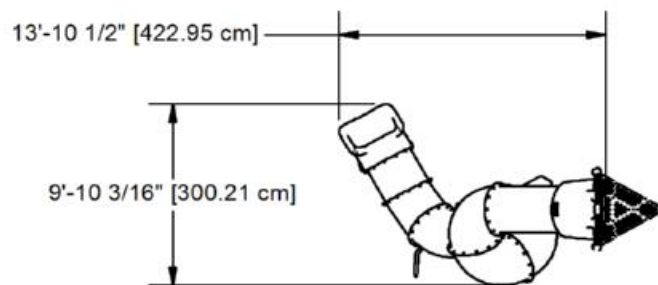
REFER TO MODULAR EQUIPMENT
TOP VIEW FOR CORRECT
ALTUS TOWER SLIDE PANEL



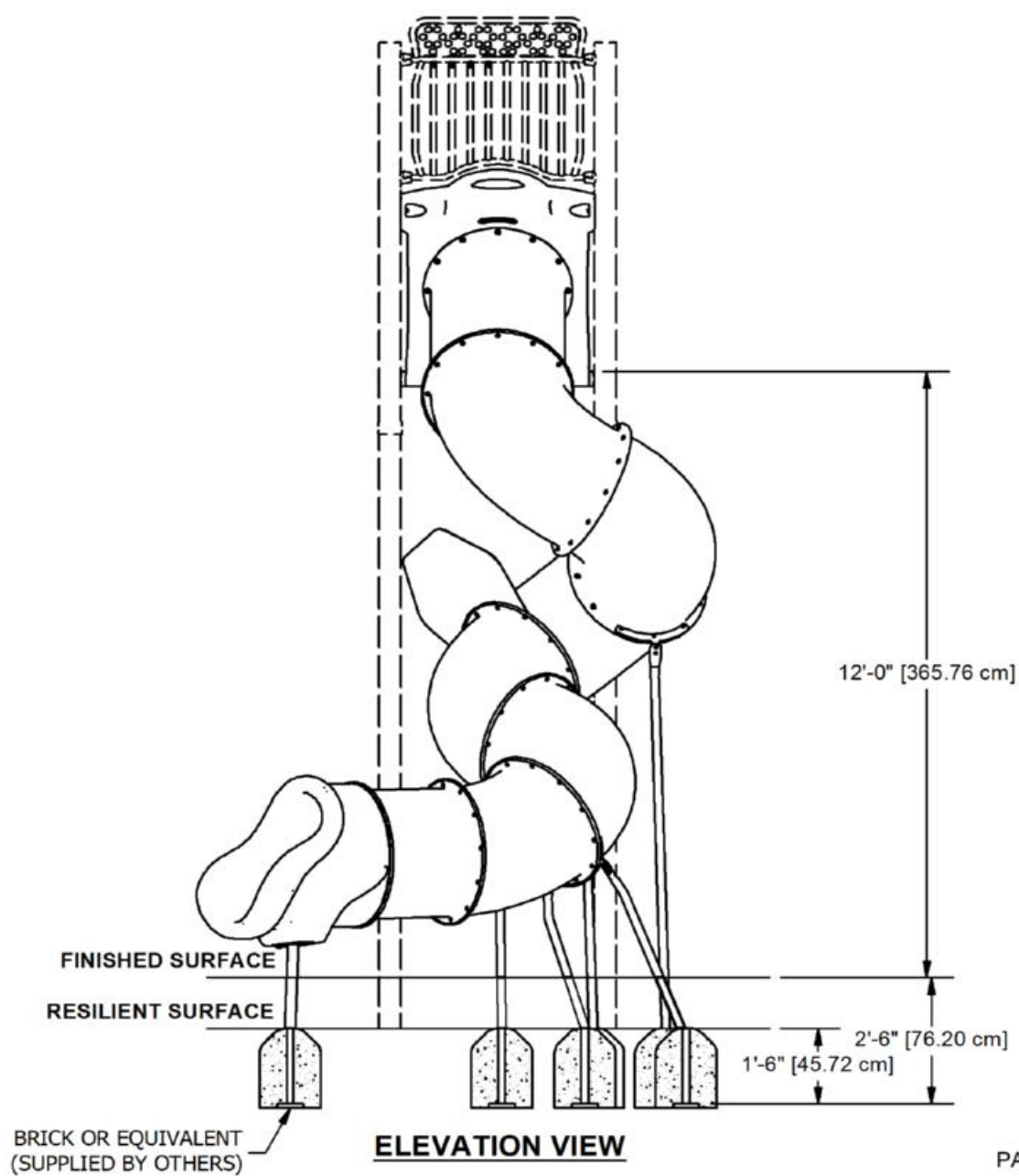


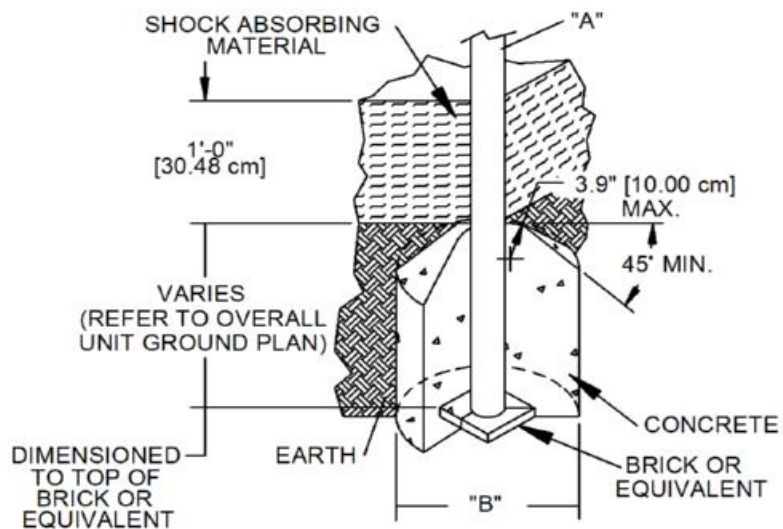
PLAN VIEW

NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



TOP VIEW





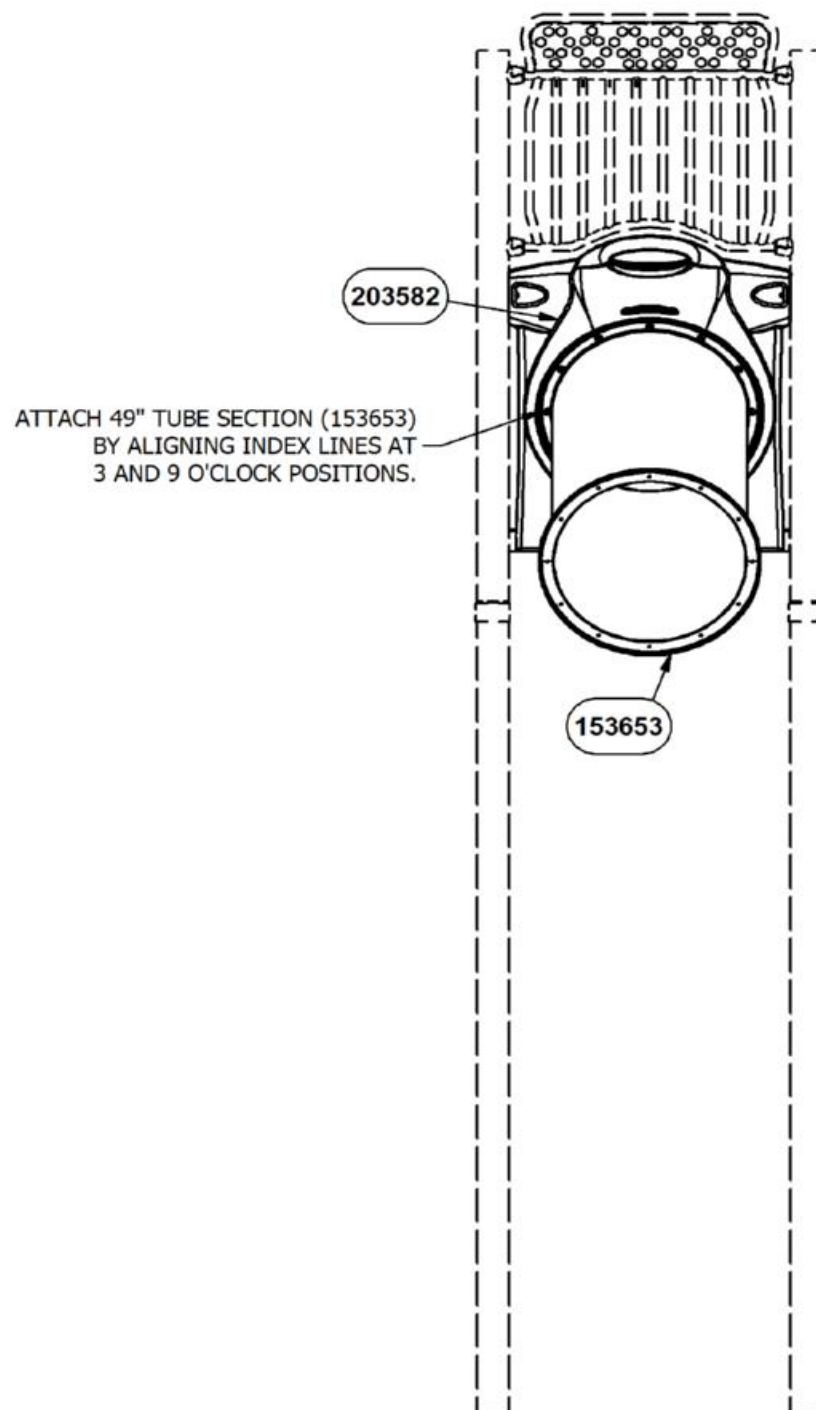
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]

NOTES:

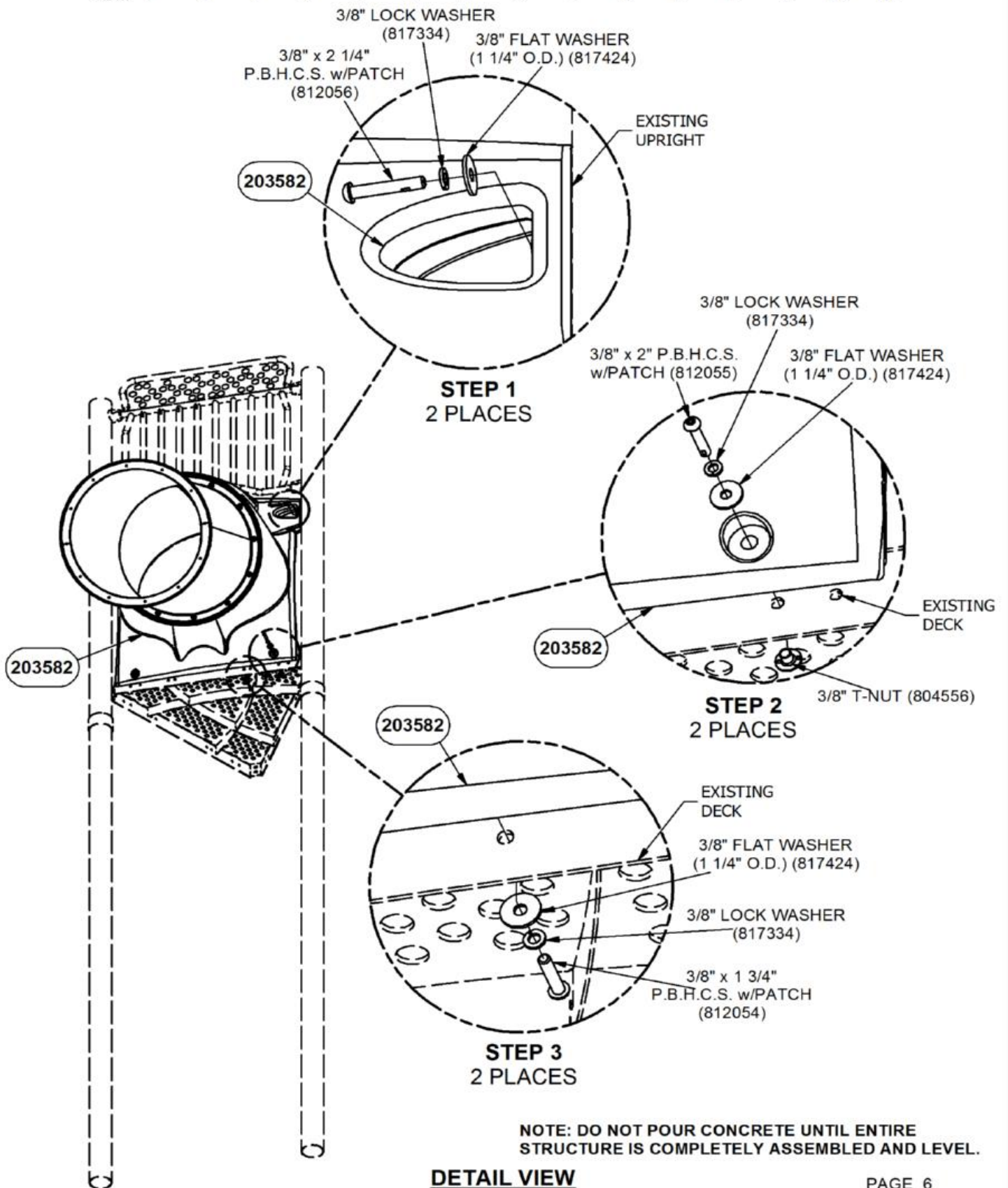
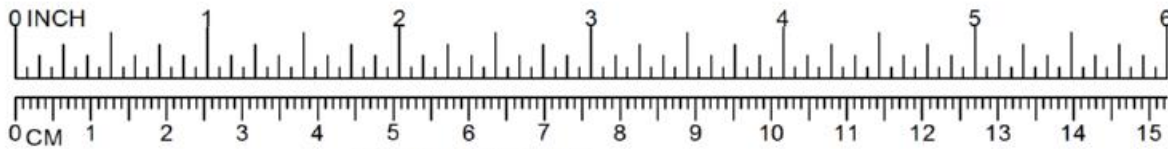
- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

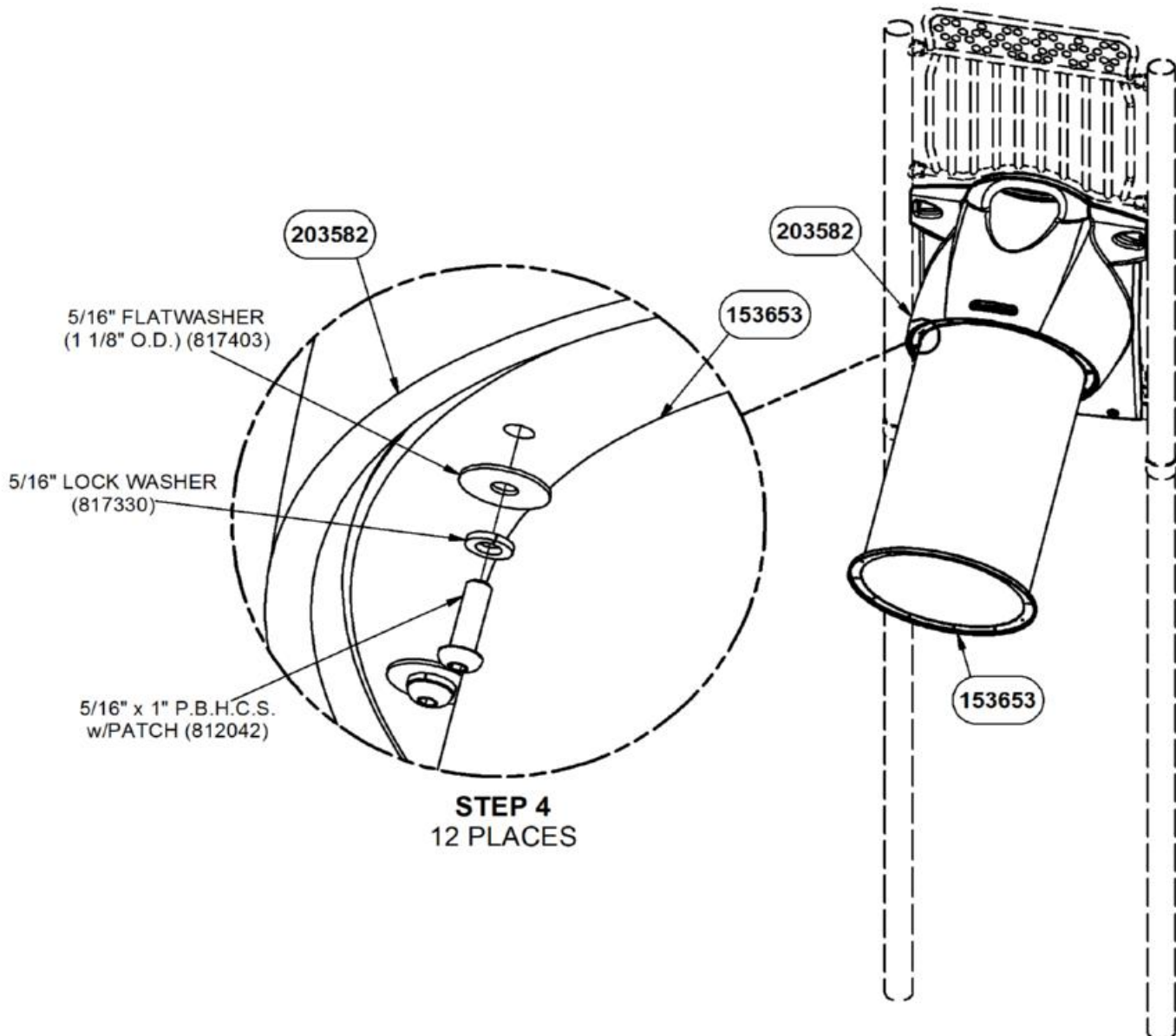
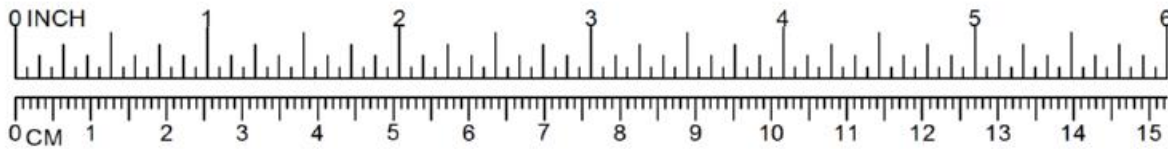
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

FOOTING DETAIL



ASSEMBLY VIEW
FIRST TUBE SECTION

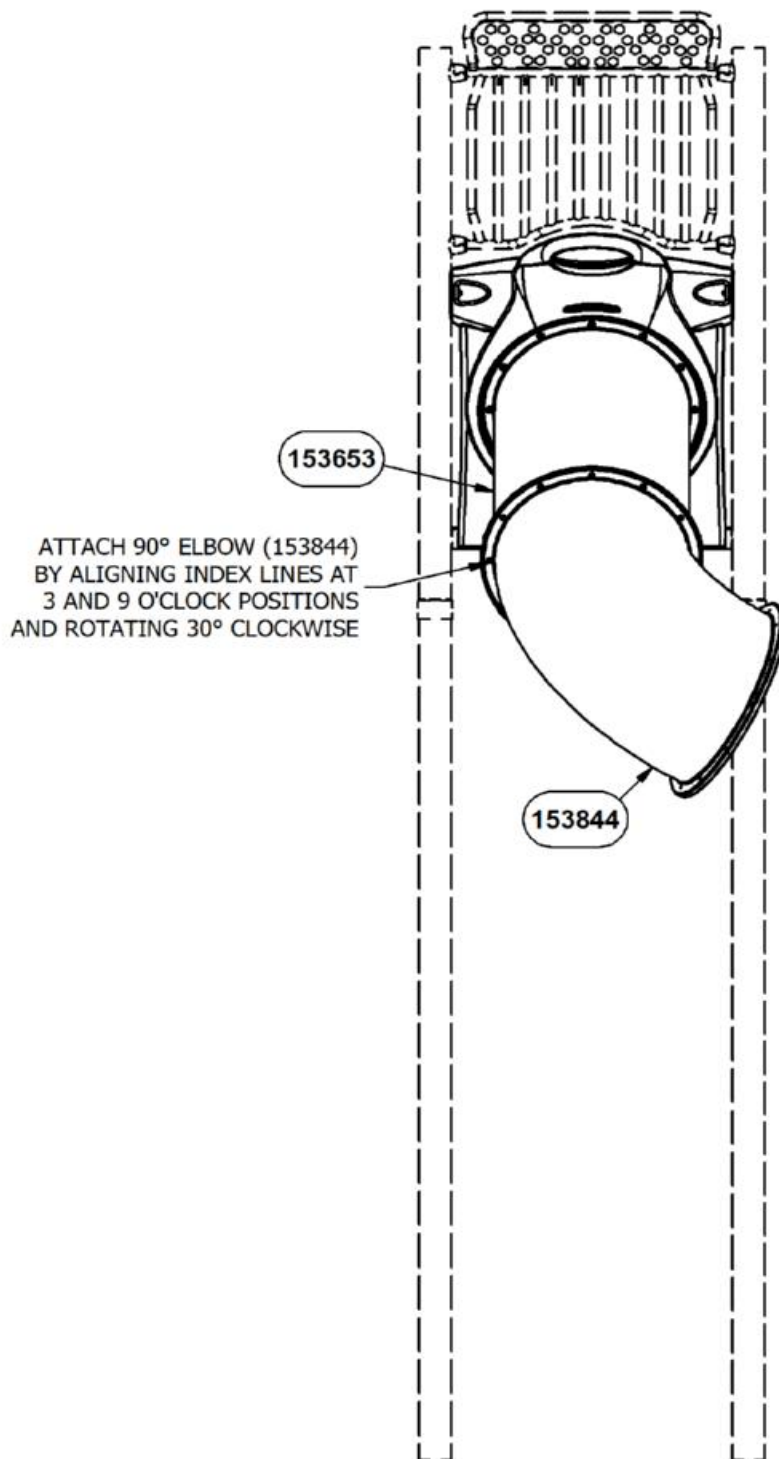




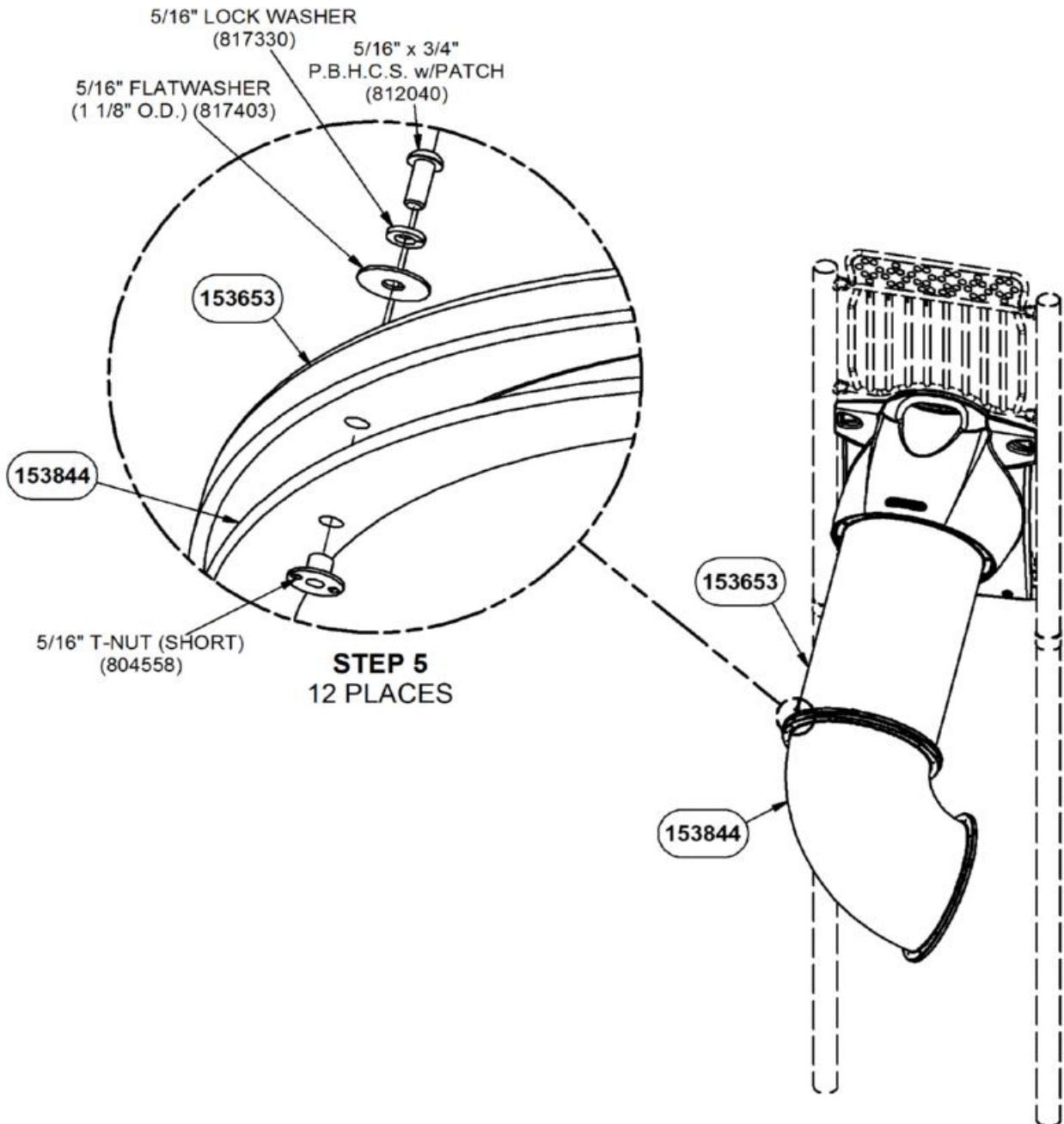
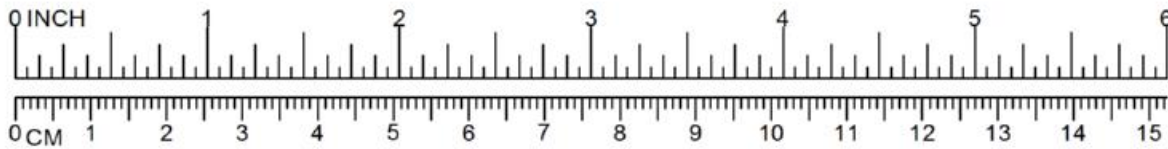
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

PAGE 7

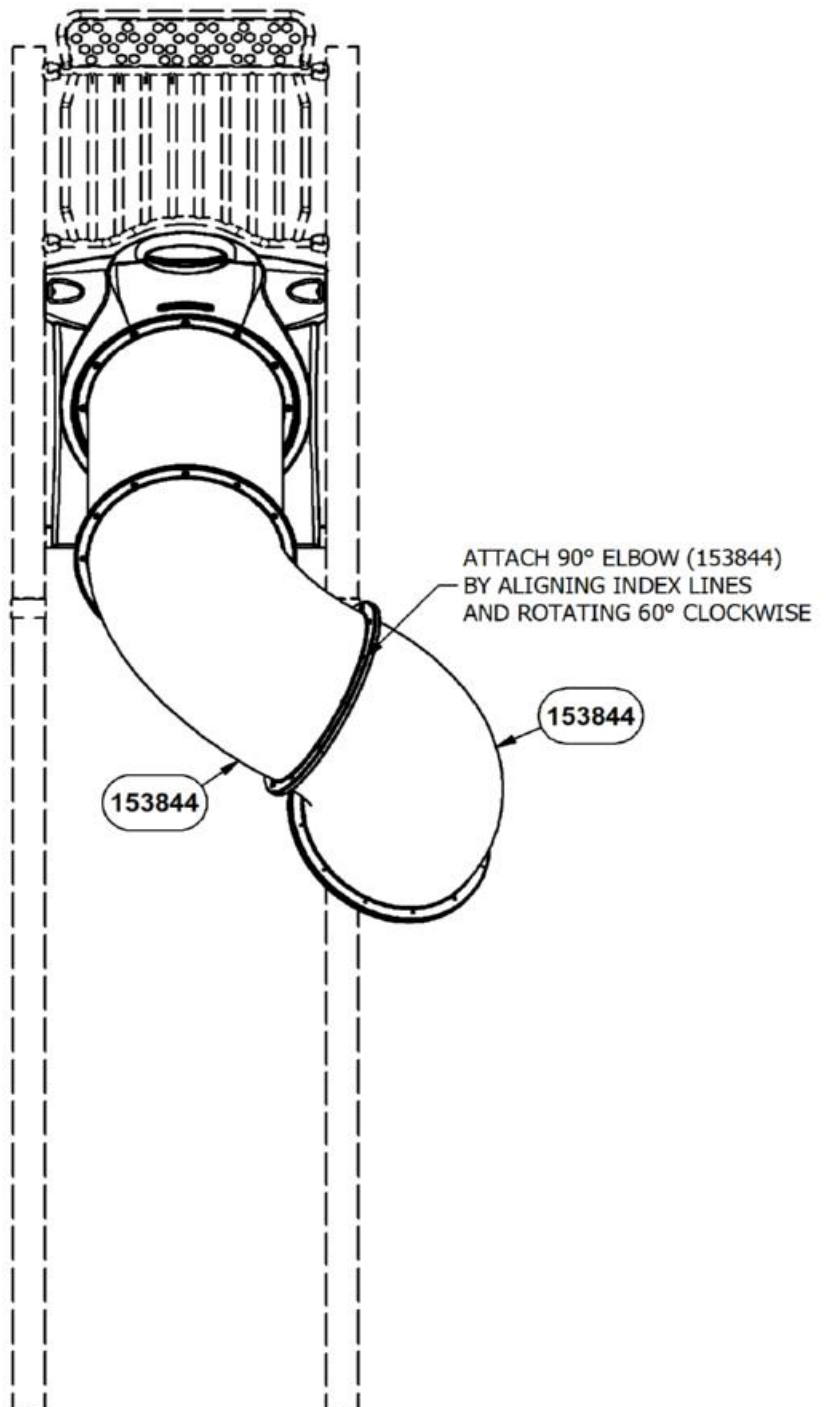


ASSEMBLY VIEW
SECOND TUBE SECTION

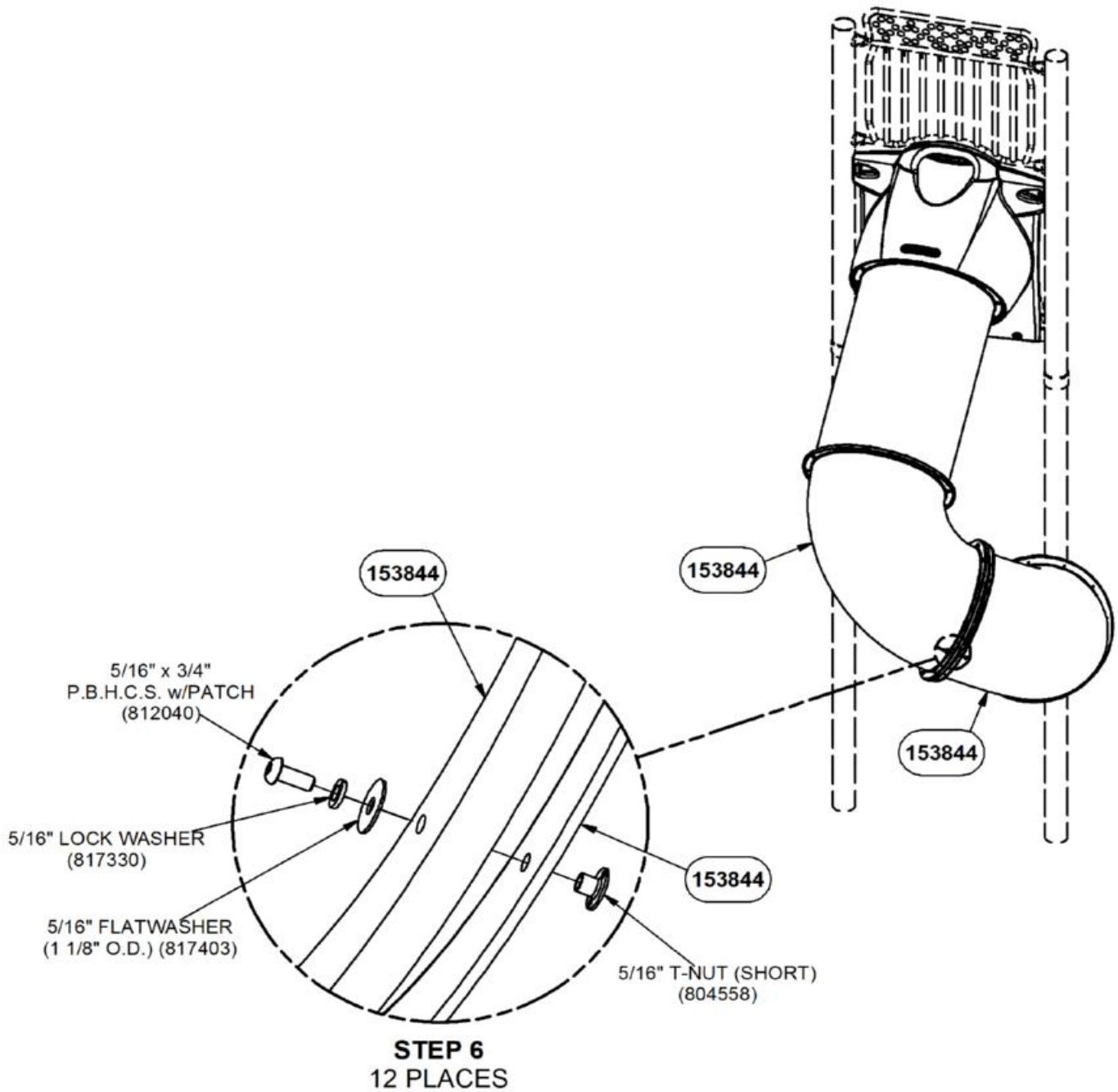
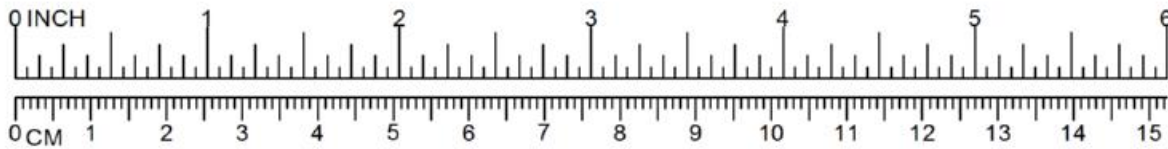


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

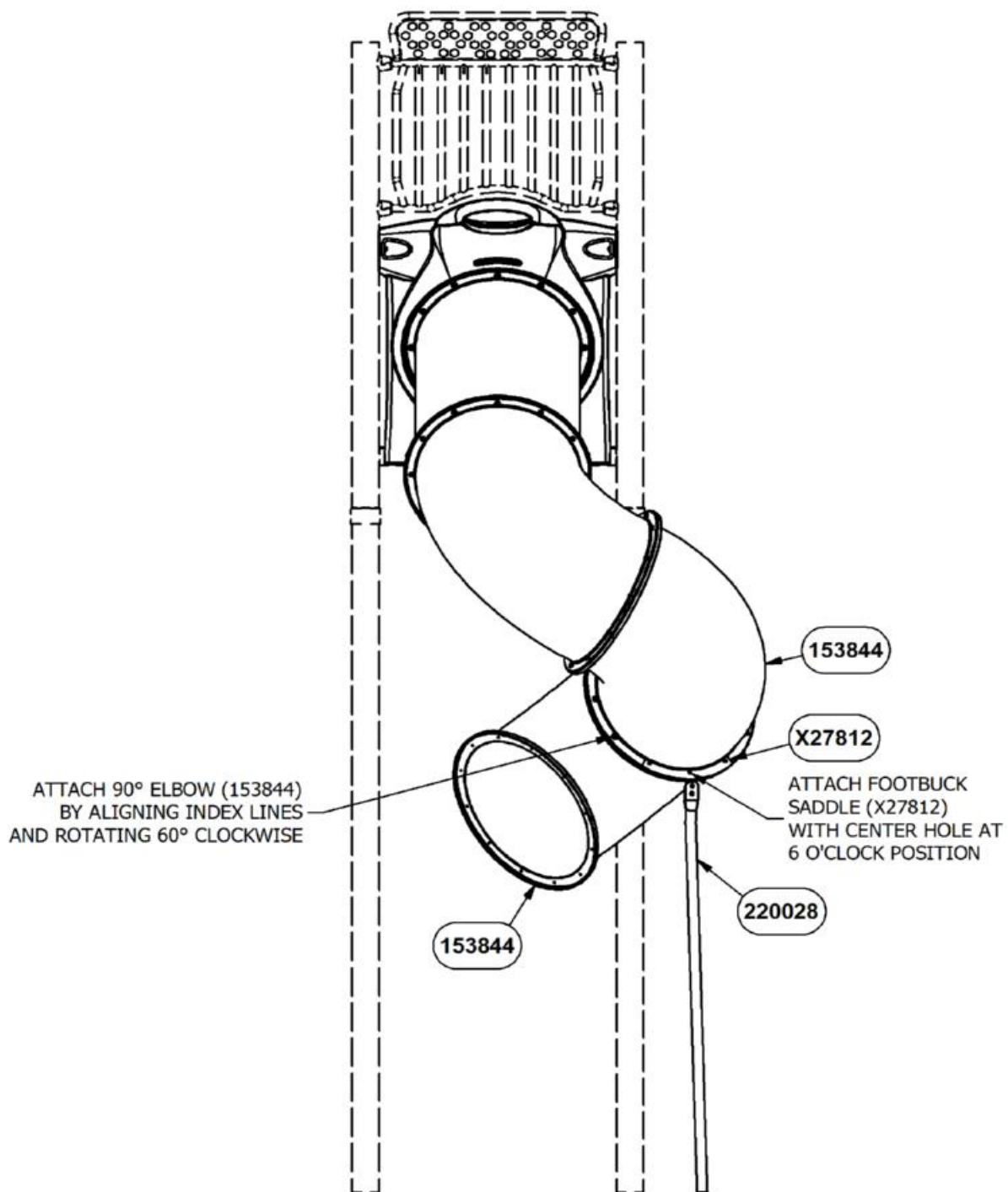


ASSEMBLY VIEW
THIRD TUBE SECTION

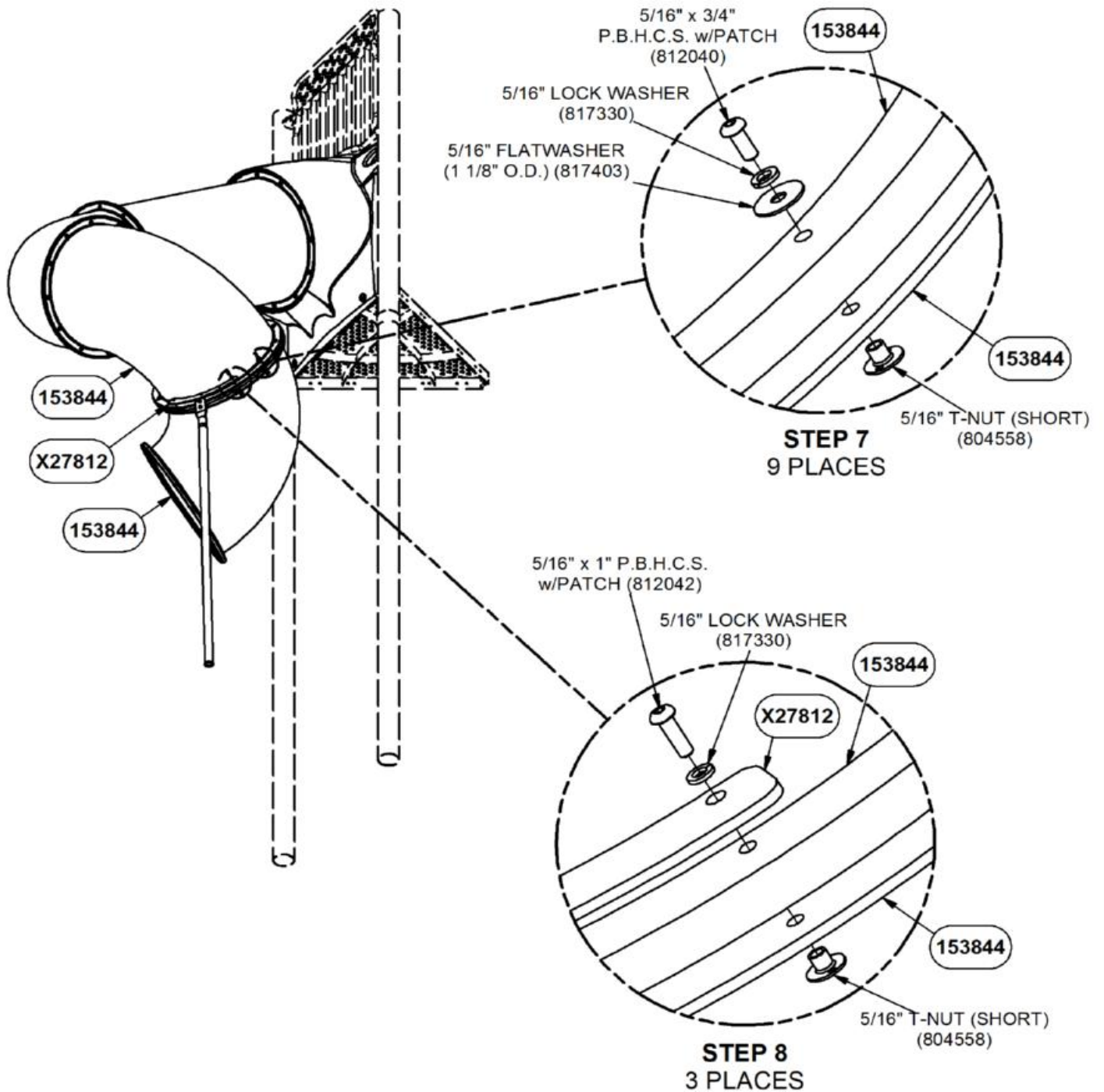
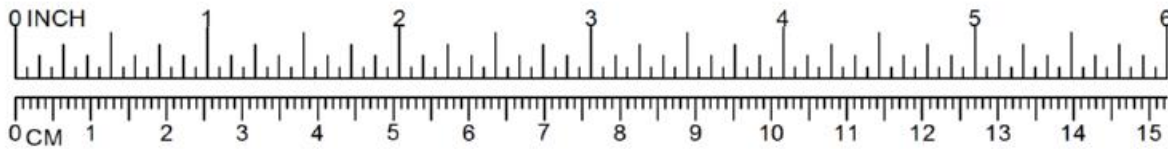


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

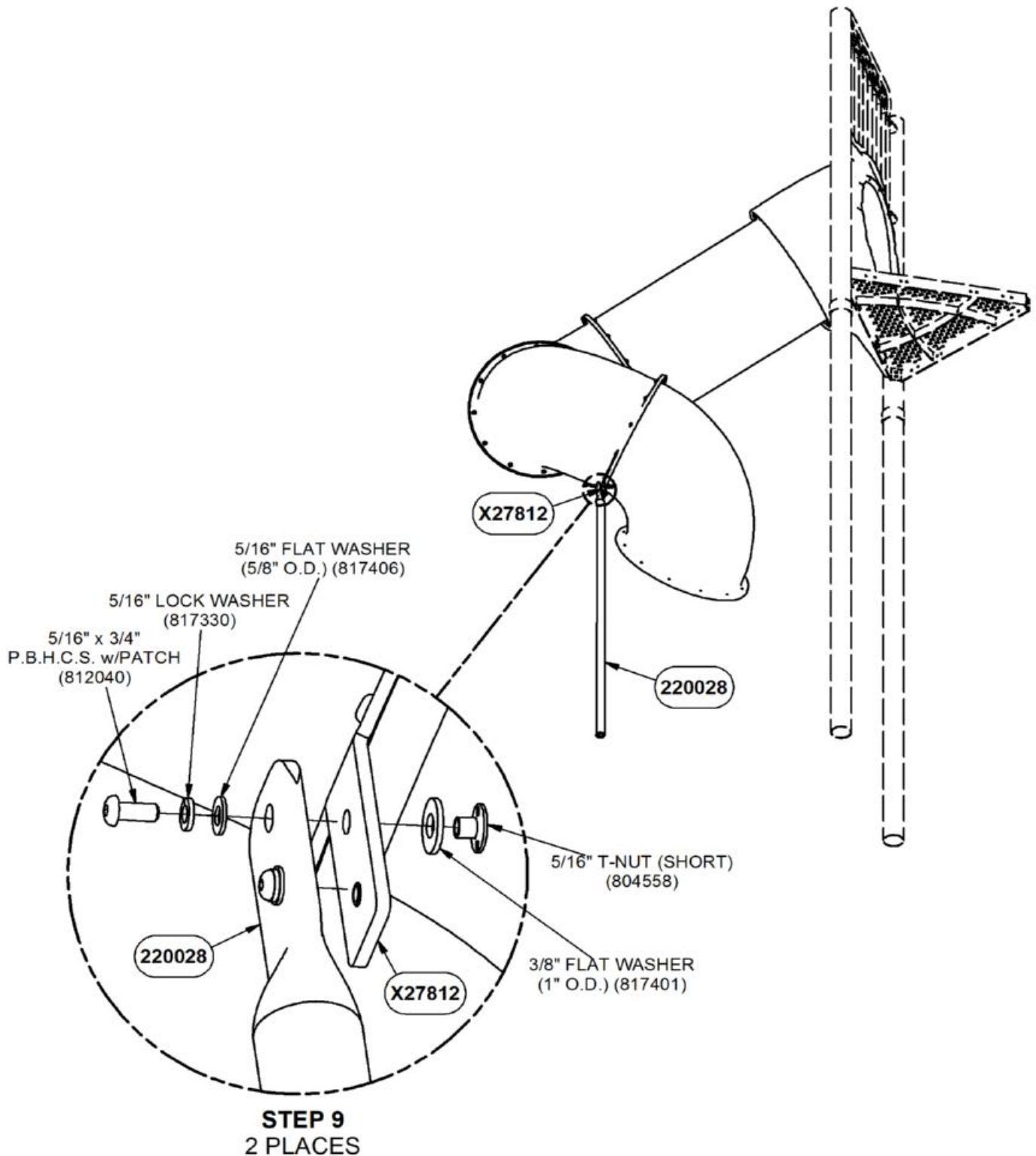
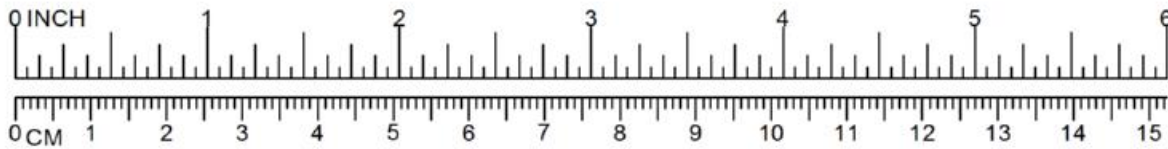


ASSEMBLY VIEW
FOURTH TUBE SECTION



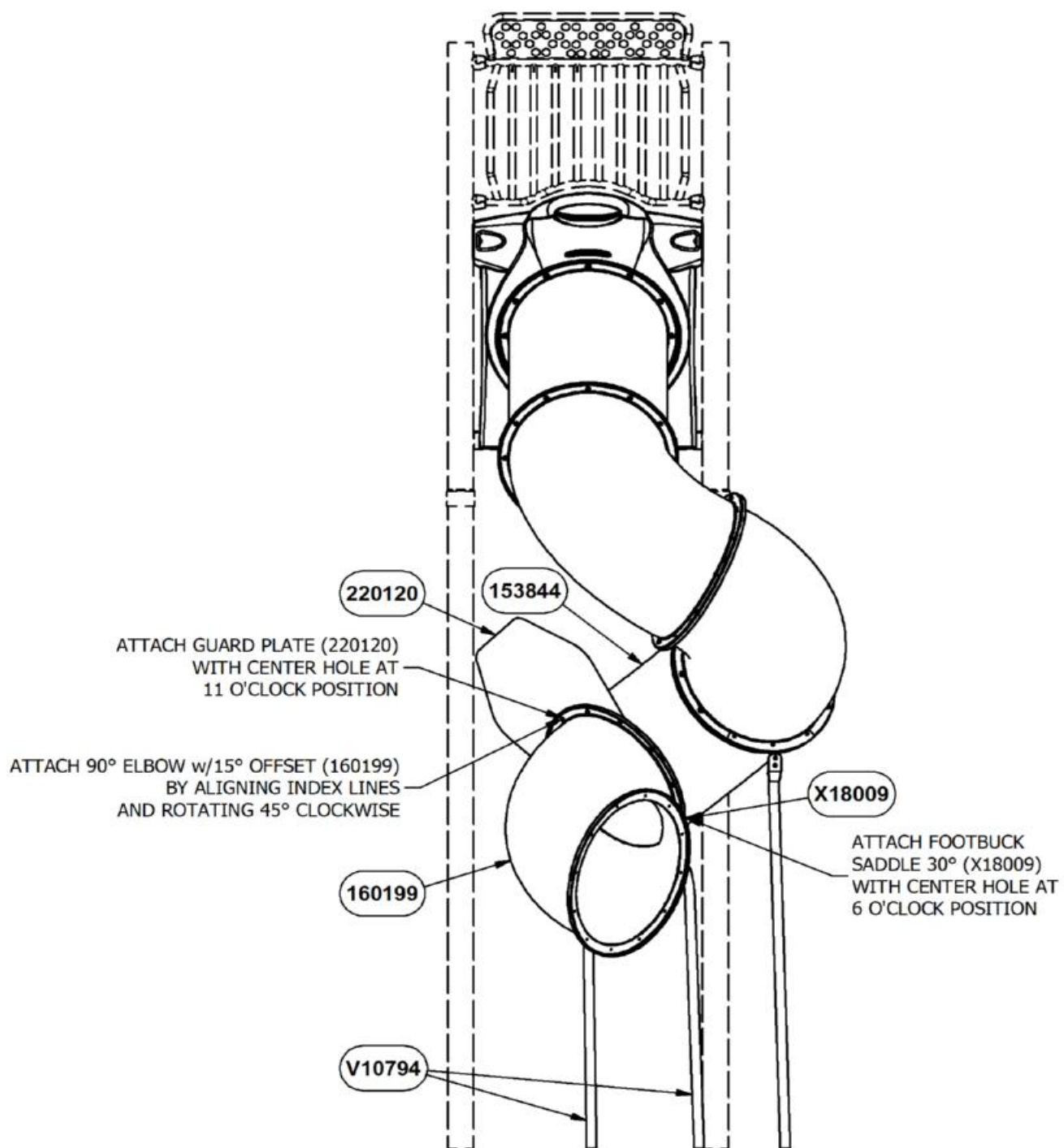
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

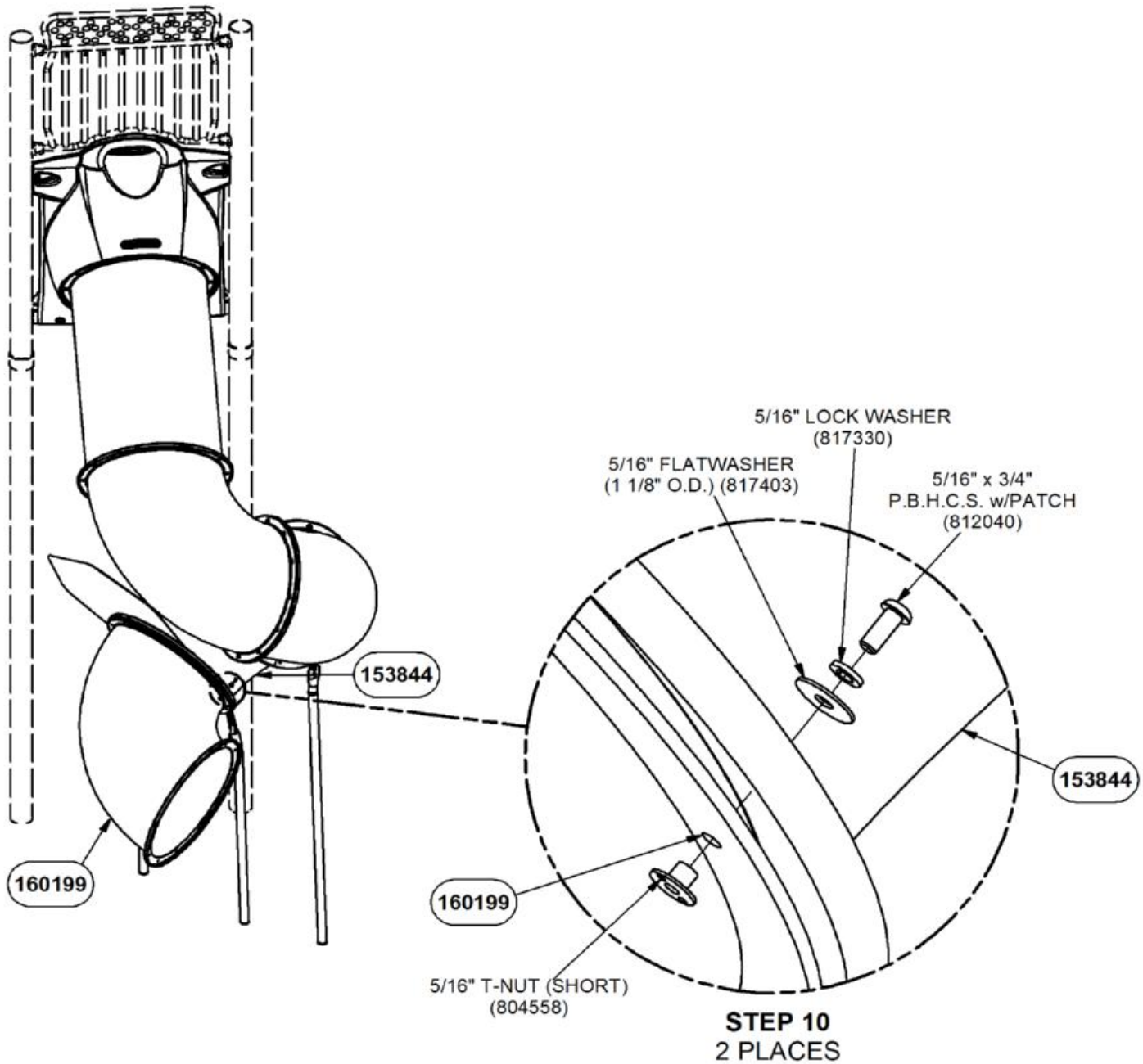
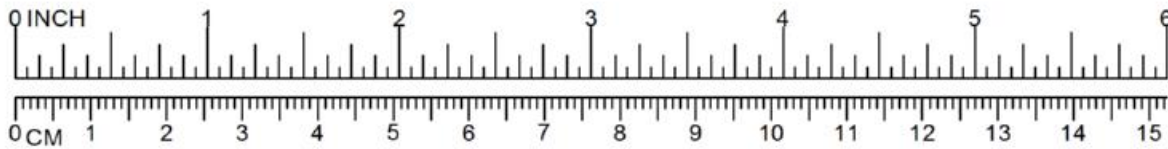


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

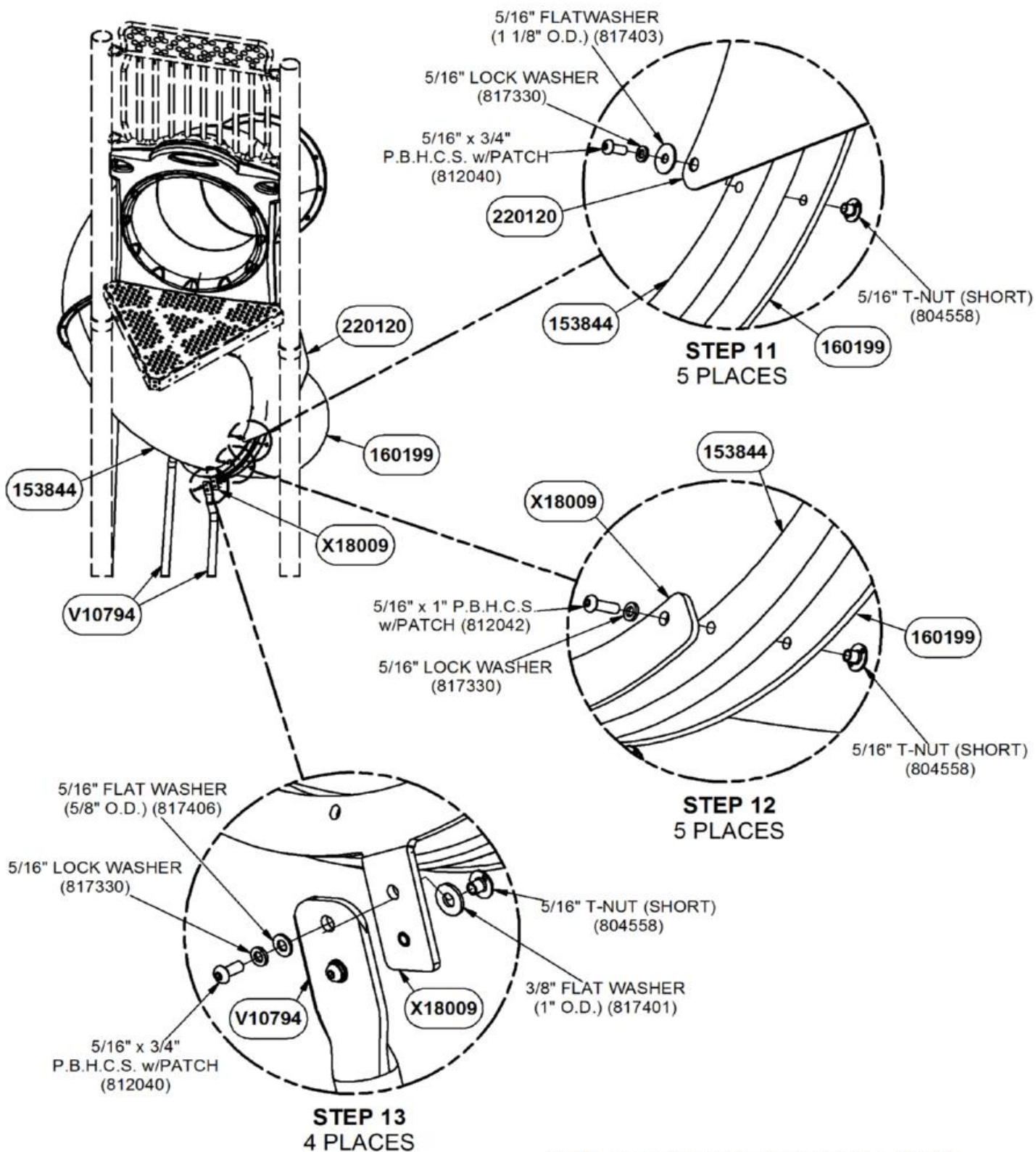
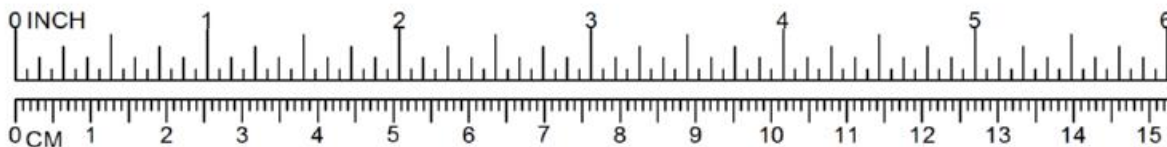


ASSEMBLY VIEW
FIFTH TUBE SECTION



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

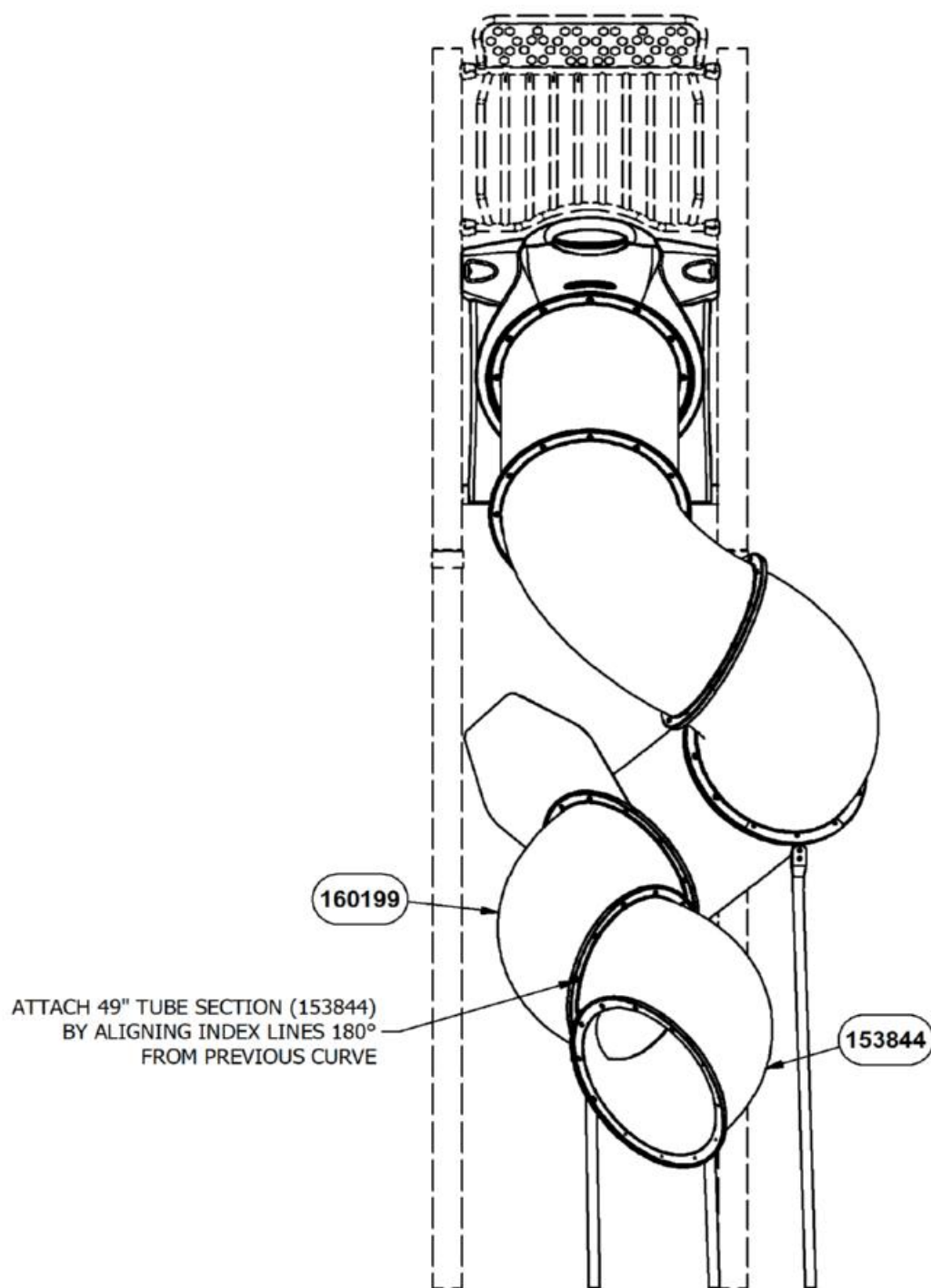
DETAIL VIEW



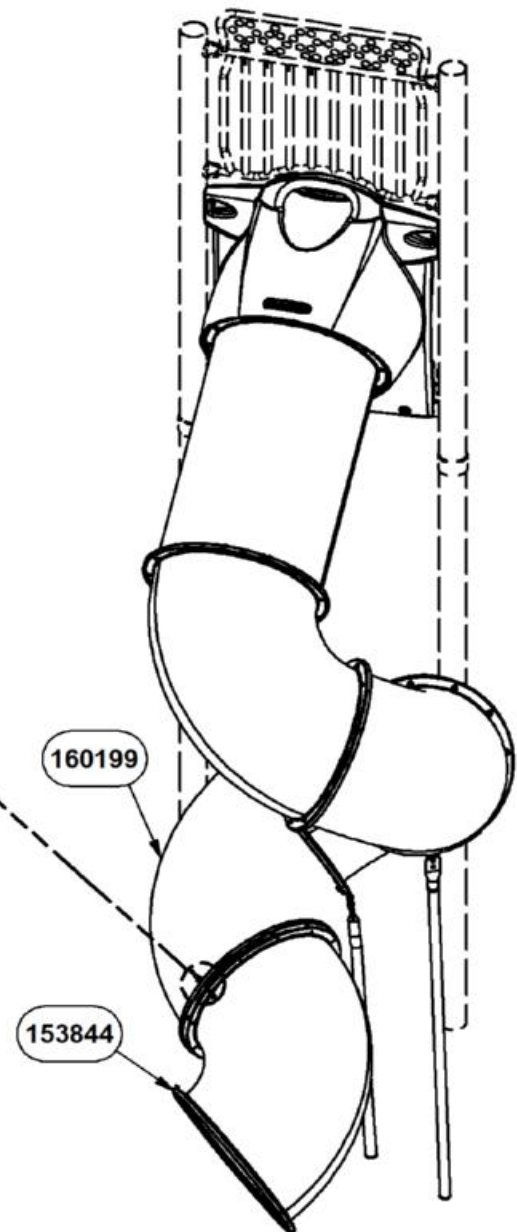
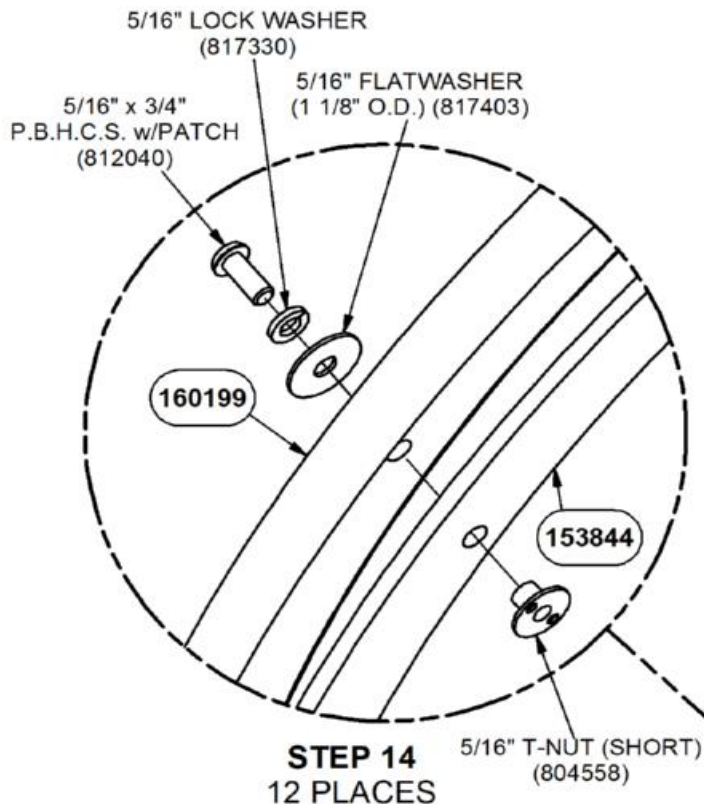
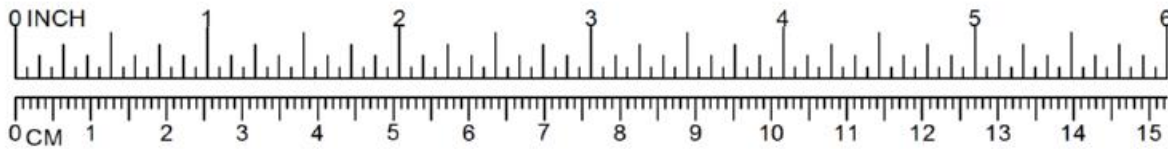
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

PAGE 17

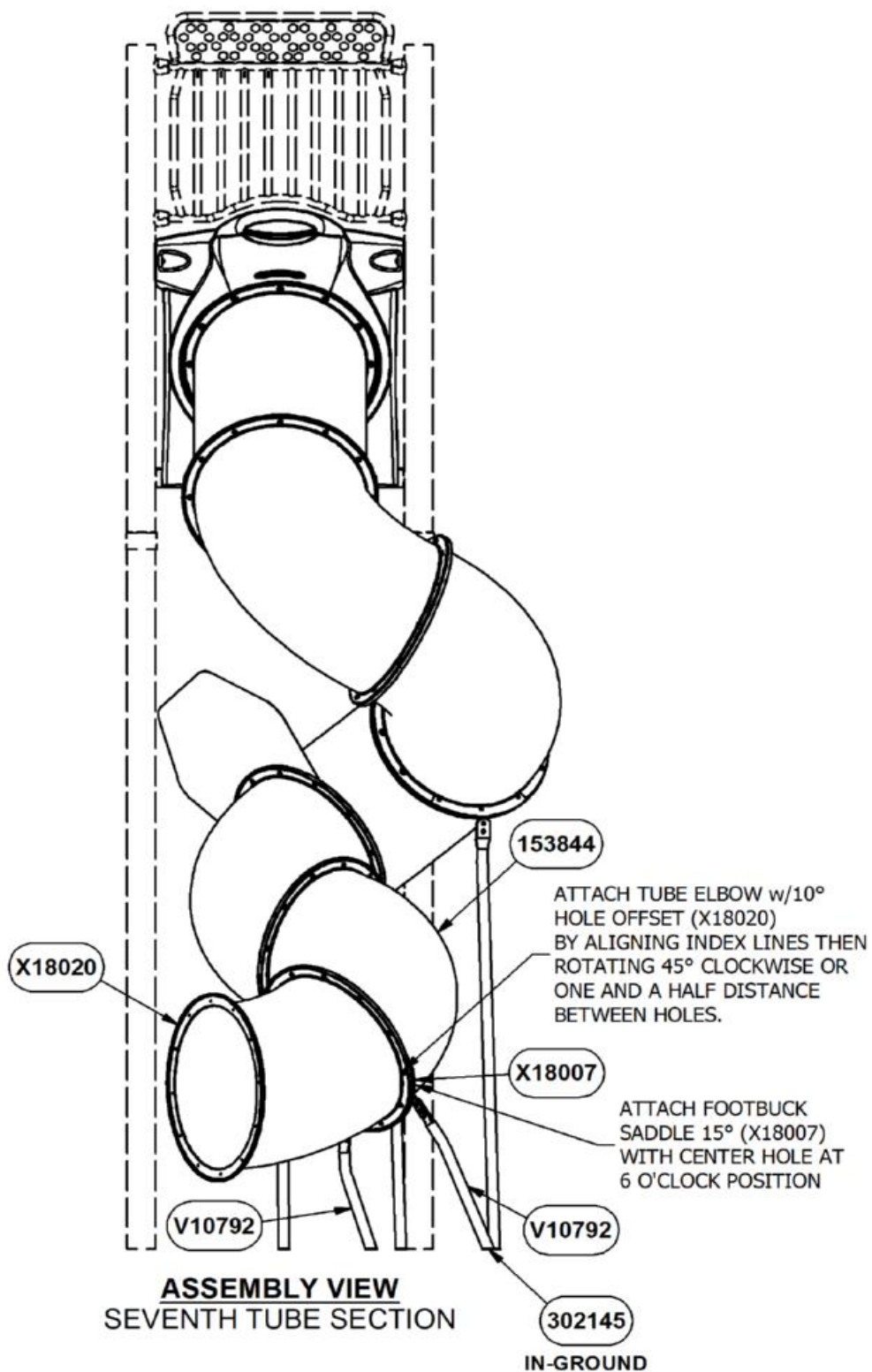


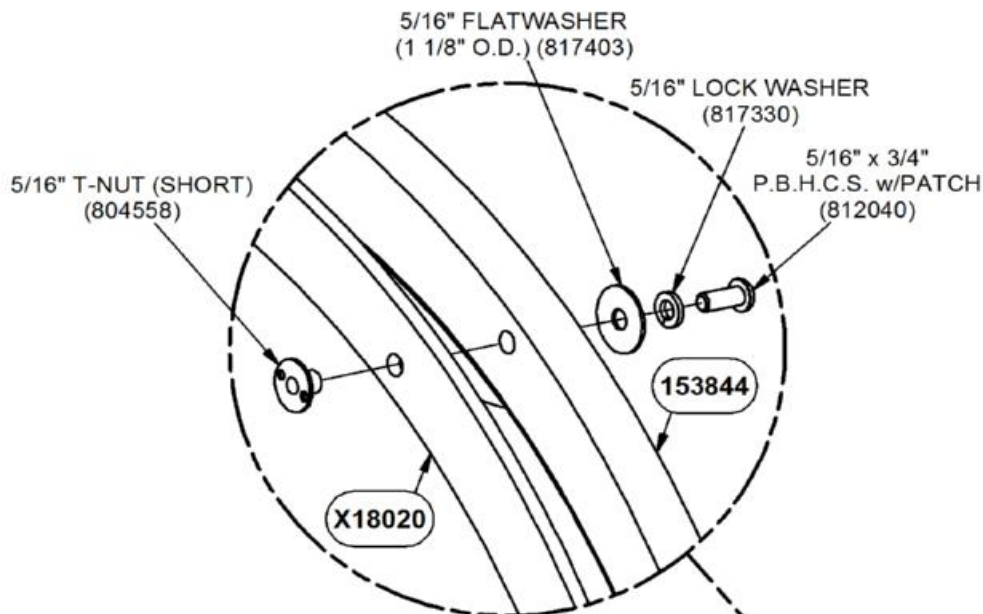
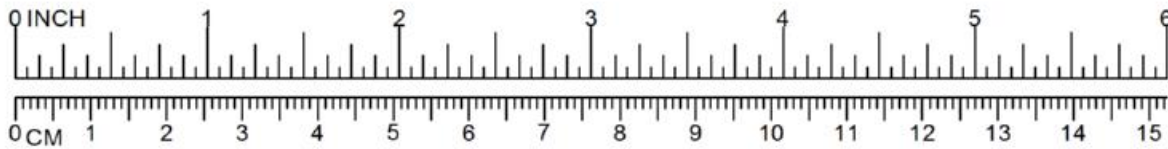
ASSEMBLY VIEW
SIXTH TUBE SECTION



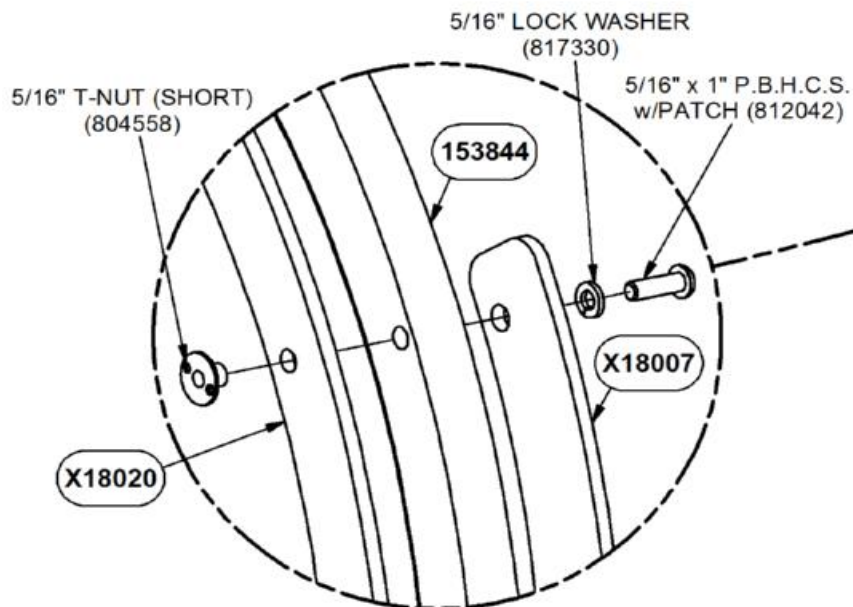
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

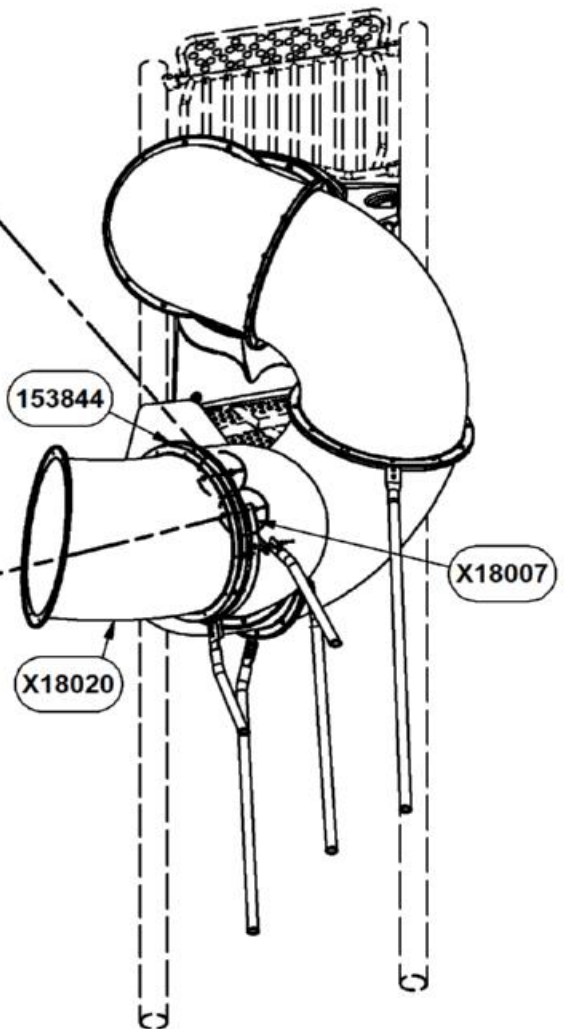




STEP 15
7 PLACES

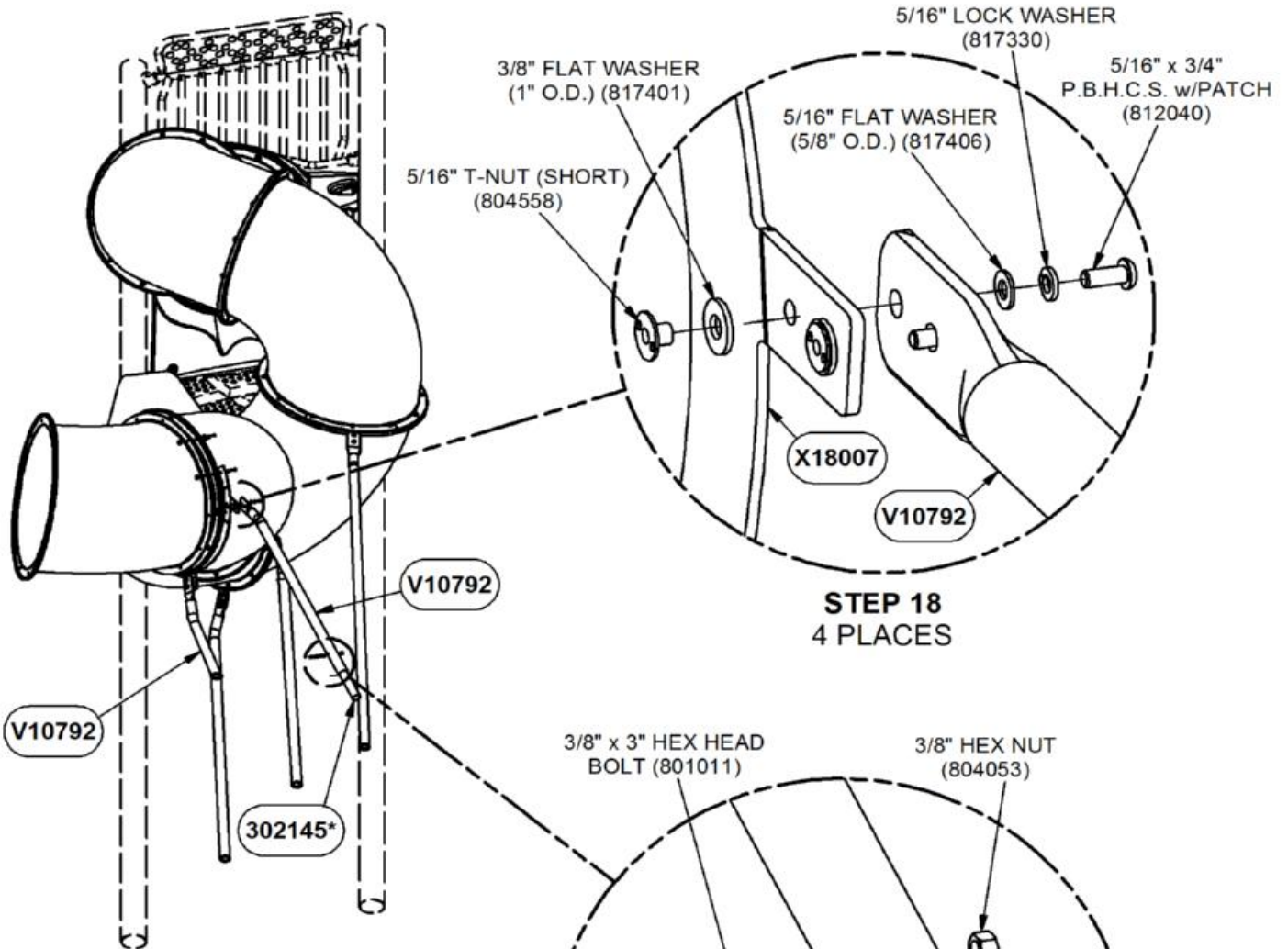
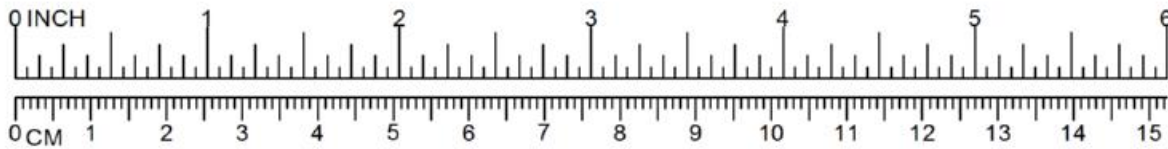


STEP 16
5 PLACES



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

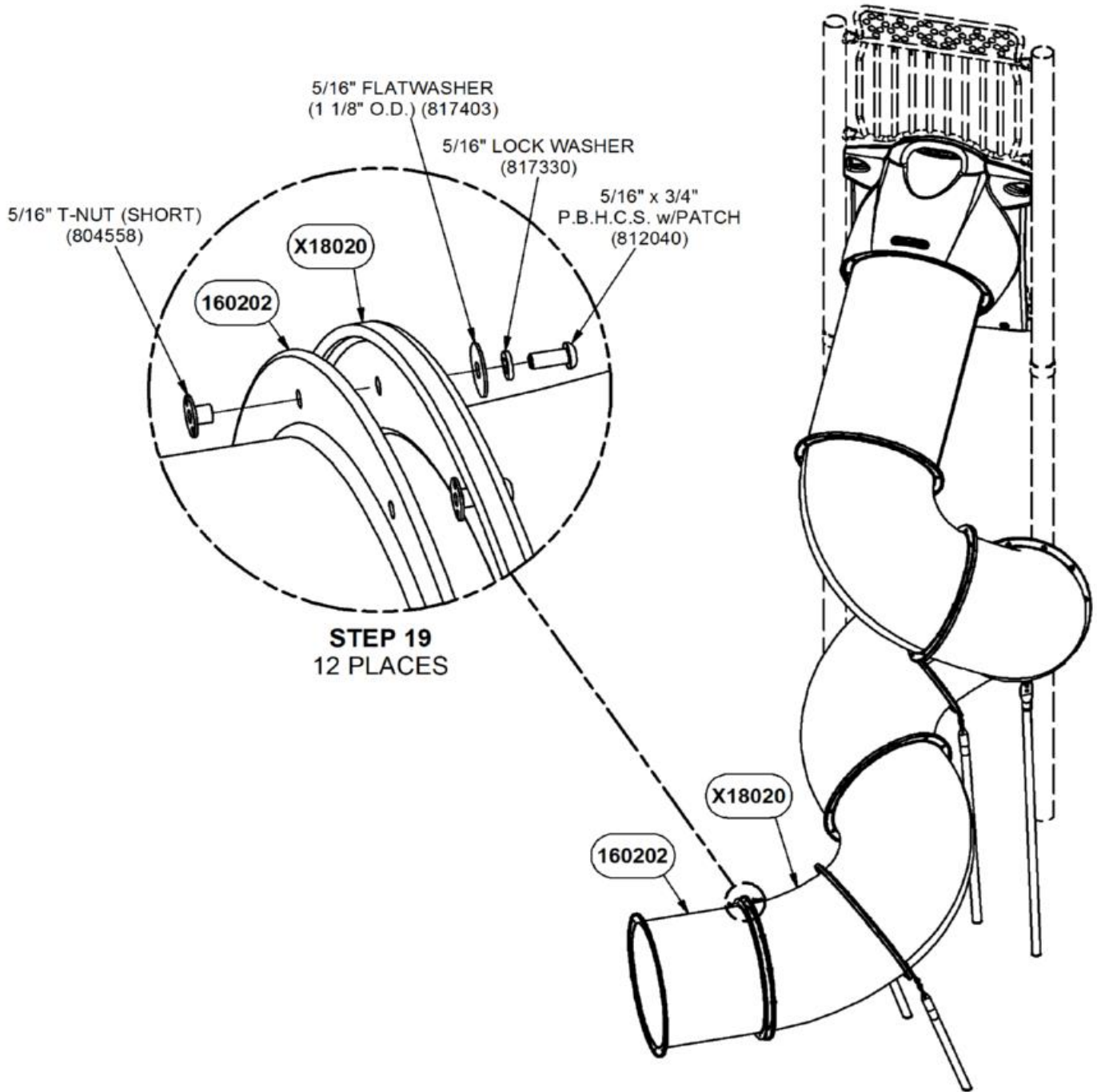
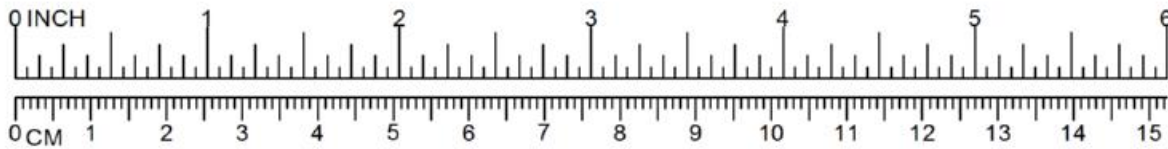
DETAIL VIEW

ATTACH 24" TUBE SECTION
w/15° OFFSET (160202)
BY ALIGNING THE 3 AND 9
O'CLOCK POSITIONS

160202

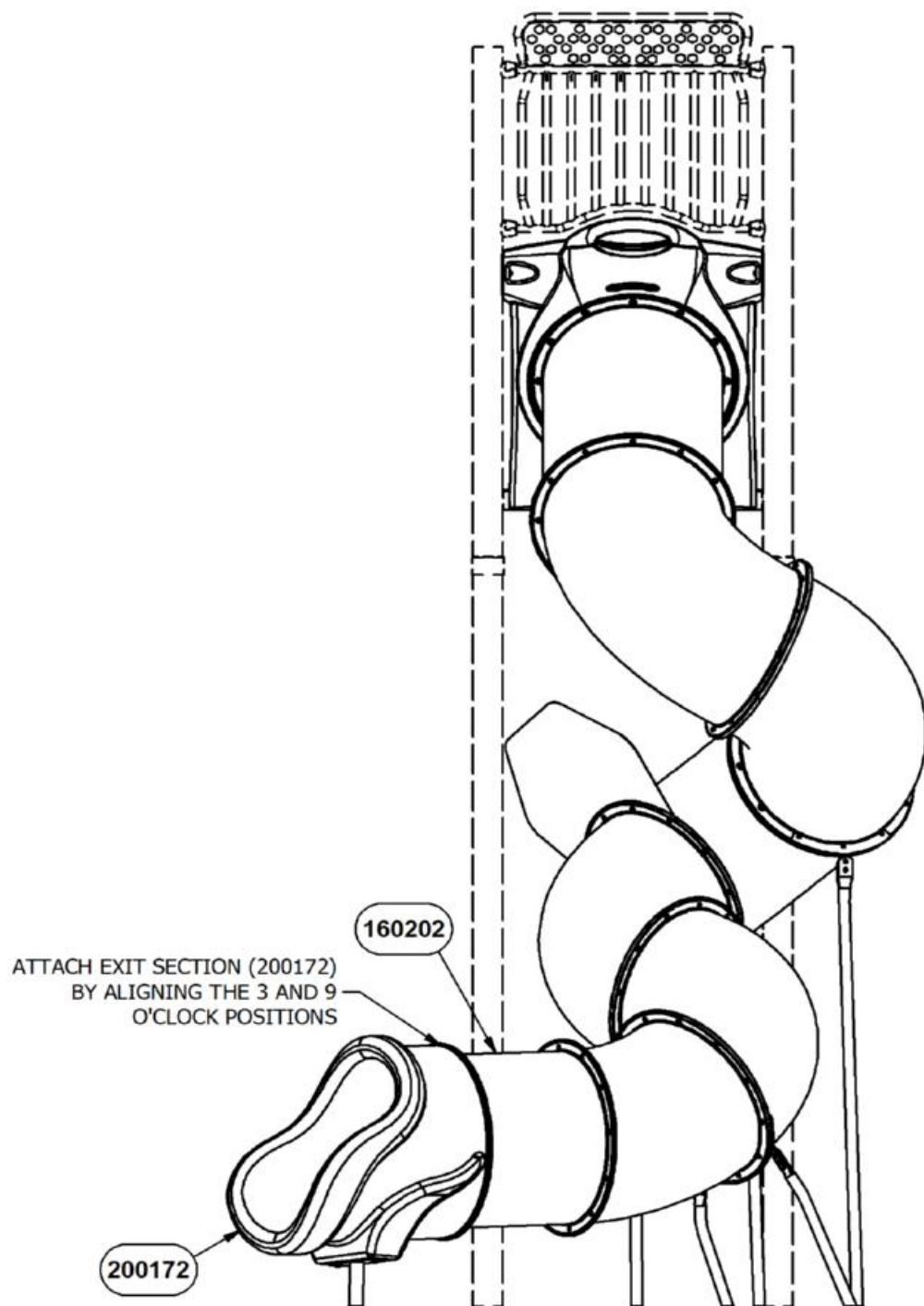
X18020

ASSEMBLY VIEW
EIGHTH TUBE SECTION

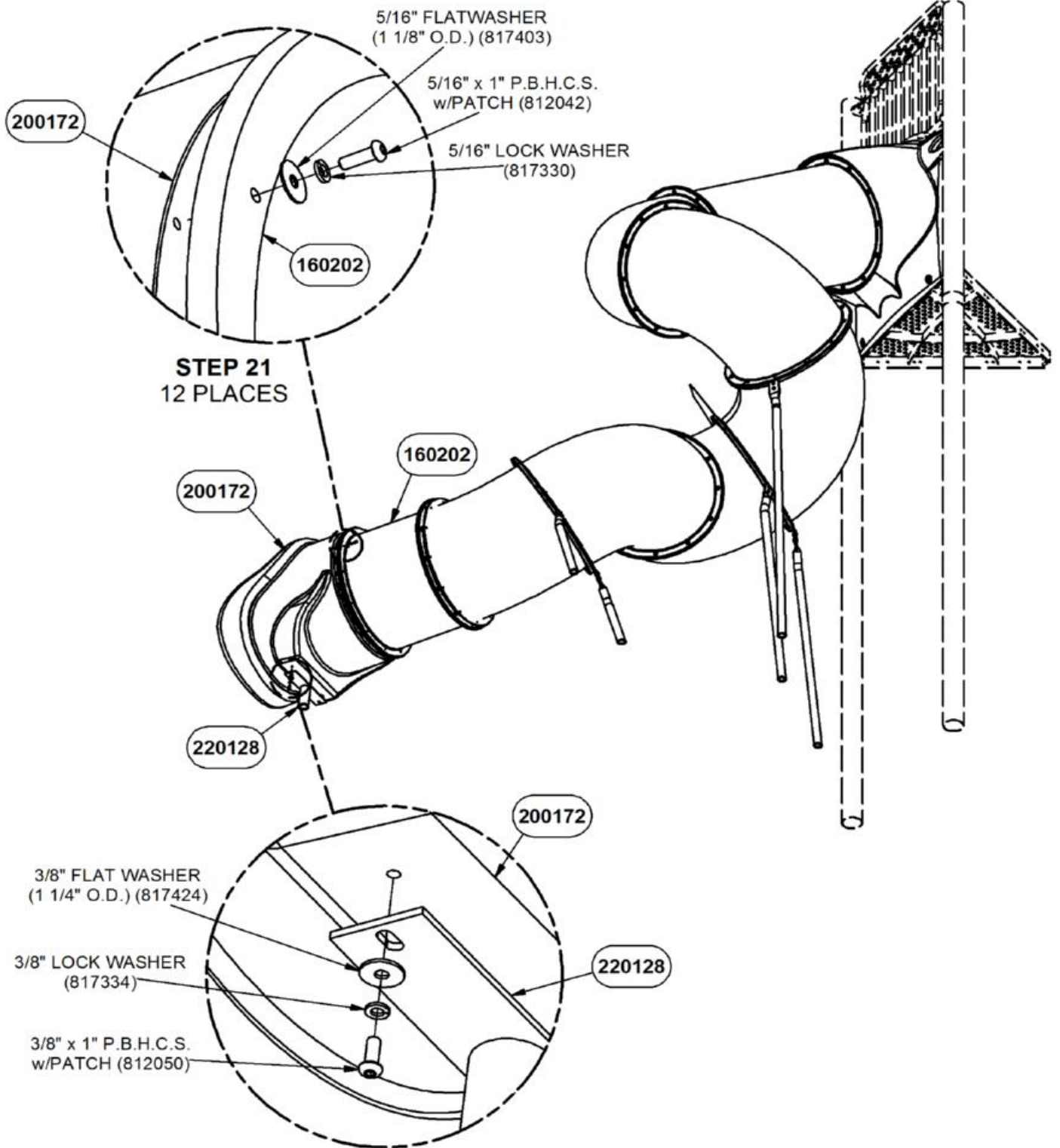
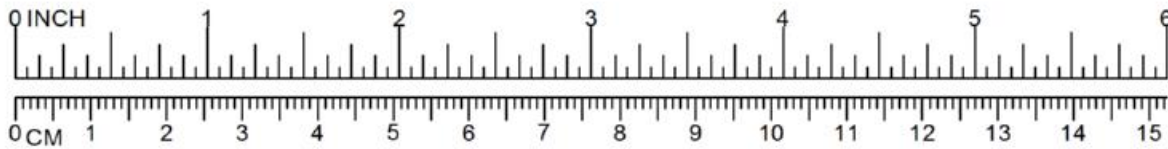


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



ASSEMBLY VIEW
EXIT SECTION



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
TUBE ENTRANCE	1	203582
49" TUBE SECTION (Ø30")	1	153653
90° ELBOW	4	153844
90° TUBE SECTION w/15° OFFSET	1	160199
TUBE ELBOW w/10° HOLE OFFSET	1	X18020
24" TUBE SECTION W/15° OFFSET (Ø30")	1	160202
30" EXIT SECTION	1	200172
FOOTBUCK SADDLE	1	X27812
FOOTBUCK SADDLE 30°	1	X18009
FOOTBUCK SADDLE 15°	1	X18007
FORMED SMASHED FOOTBUCK	1	220028
LONG FORMED FOOTBUCK	2	V10794
SHORT FORMED FOOTBUCK	2	V10792
FOOTBUCK WELD ASSEMBLY	1	220128
SLIDE GUARD PLATE	1	220120
HARDWARE COMPLETE	1	6058HW
5/16" x 3/4" P.B.H.C.S. w/PATCH	81	812040*
5/16" x 1" P.B.H.C.S. w/PATCH	37	812042*
5/16" FLATWASHER (1 1/8" O.D.)	95	817403*
5/16" FLAT WASHER (5/8" O.D.)	10	817406*
5/16" LOCK WASHER	118	817330*
5/16" T-NUT (SHORT)	94	804558*
3/8" x 1" P.B.H.C.S. w/PATCH	2	812050*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	812054*
3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	2	812056*
3/8" x 3" HEX HEAD BOLT	1	801011*
3/8" FLAT WASHER (1 1/4" O.D.)	8	817424*
3/8" FLAT WASHER (1" O.D.)	10	817401*
3/8" LOCK WASHER	8	817334*
3/8" HEX NUT	1	804053*
3/8" T-NUT	2	804556*
FOOTBUCK EXTENSION	1	302145*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.



LANDMARK DESIGN

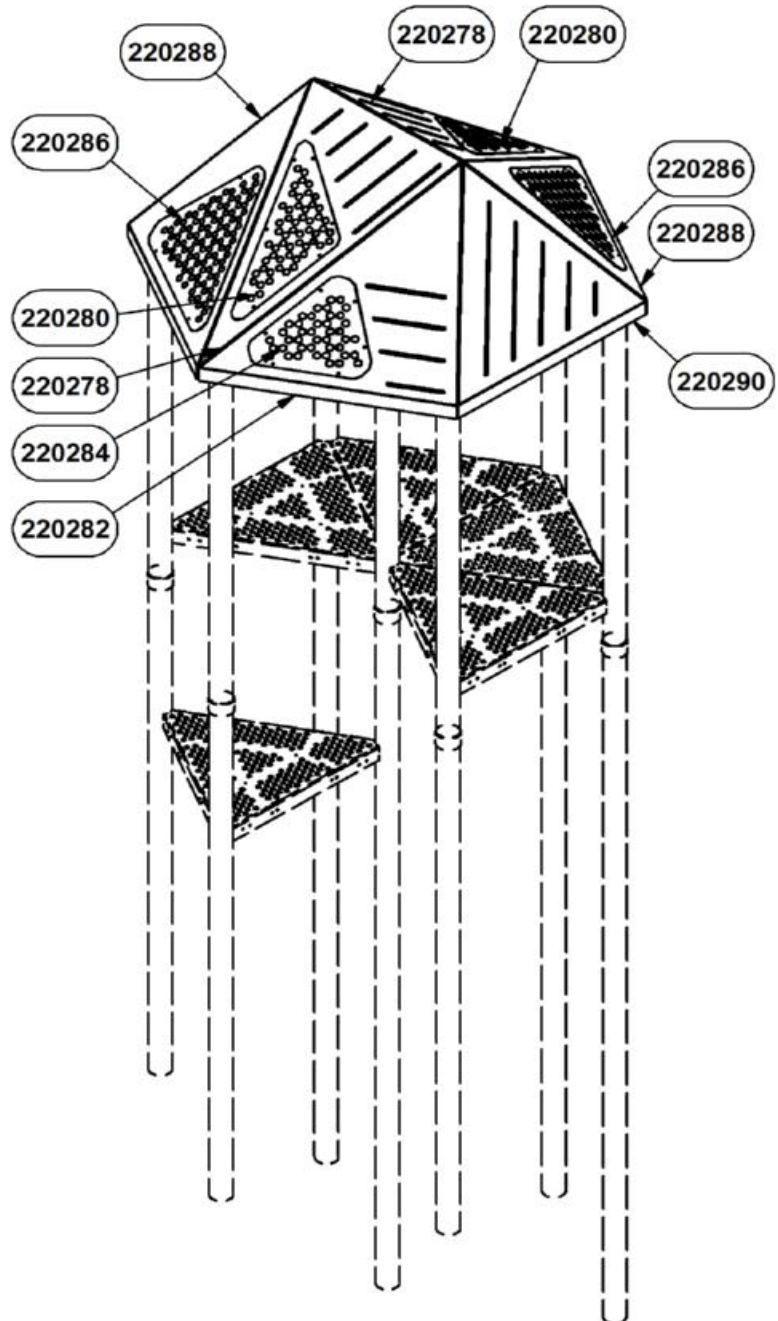
A **PLAYCORE** Company

1-800-235-2440

ISSUED/REVISED: 11/17/2020

6059RP

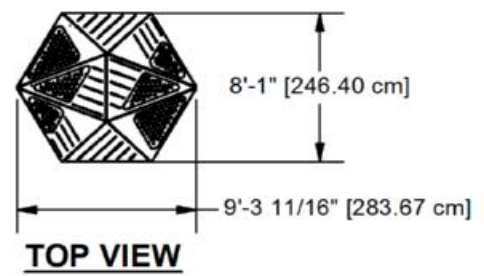
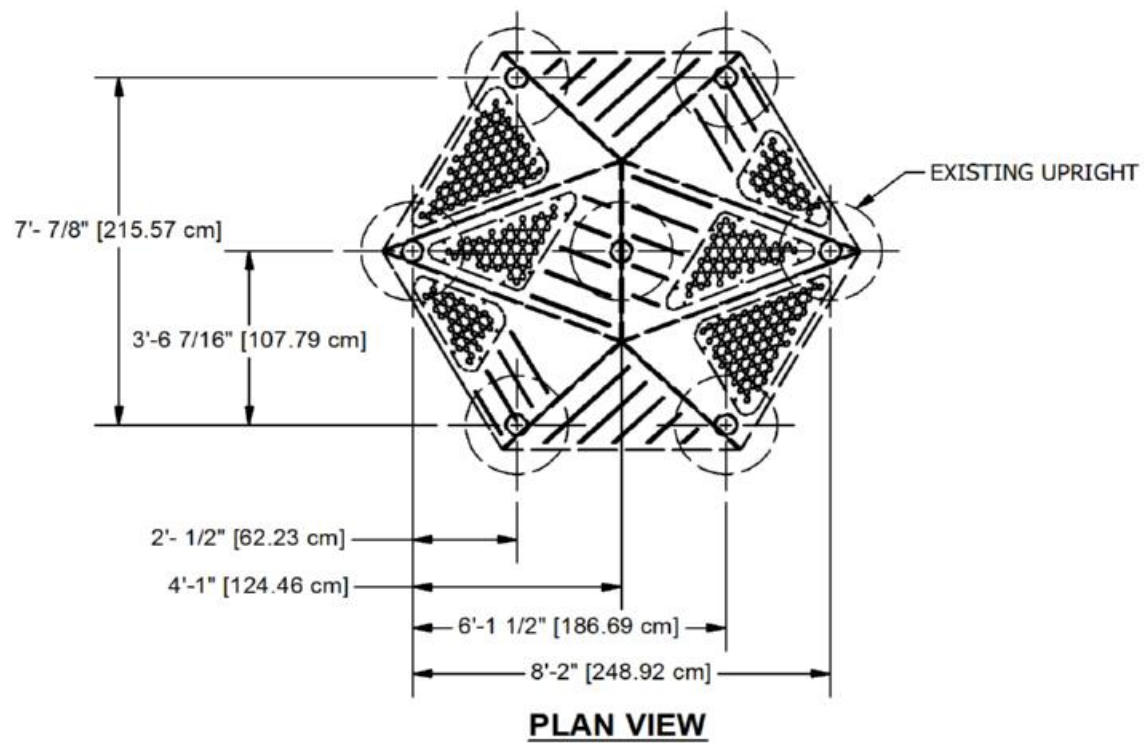
ALTUS TOWER ROOF

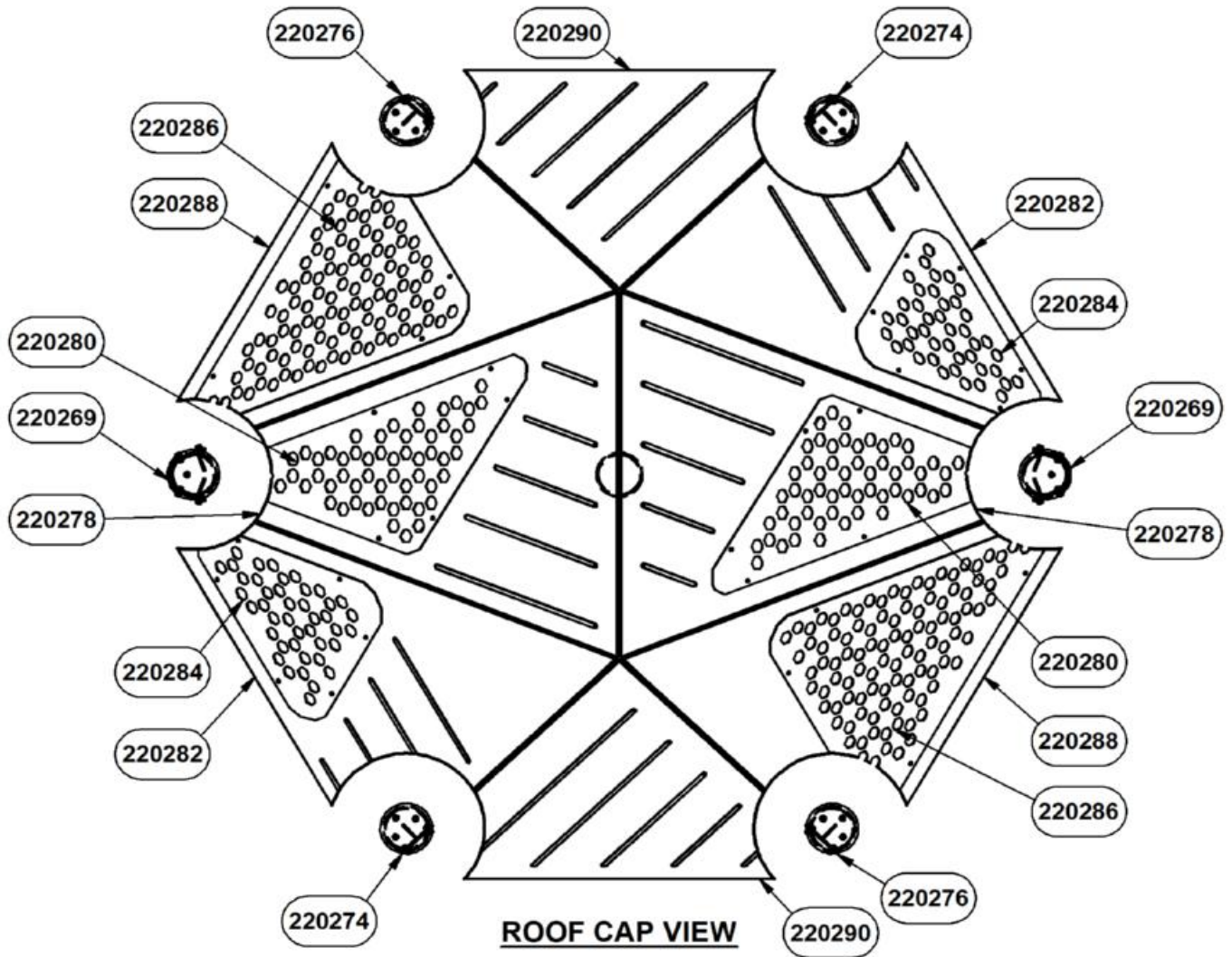
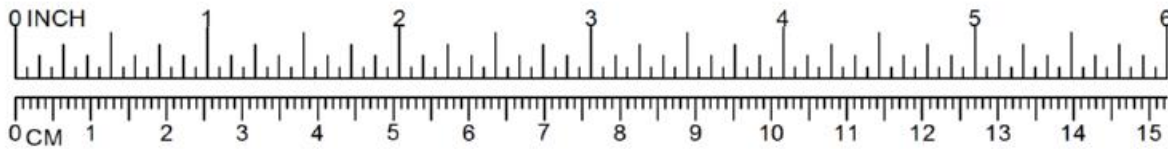


ASSEMBLY VIEW

INSTALLATION INSTRUCTIONS

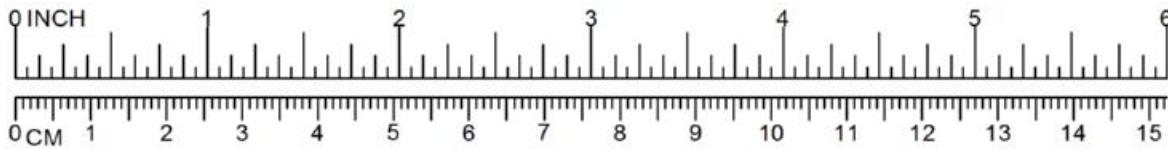
1. Before assembling this equipment, read the enclosed **INSTALLER INSTRUCTIONS** in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the **ASSEMBLY DRAWING**. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



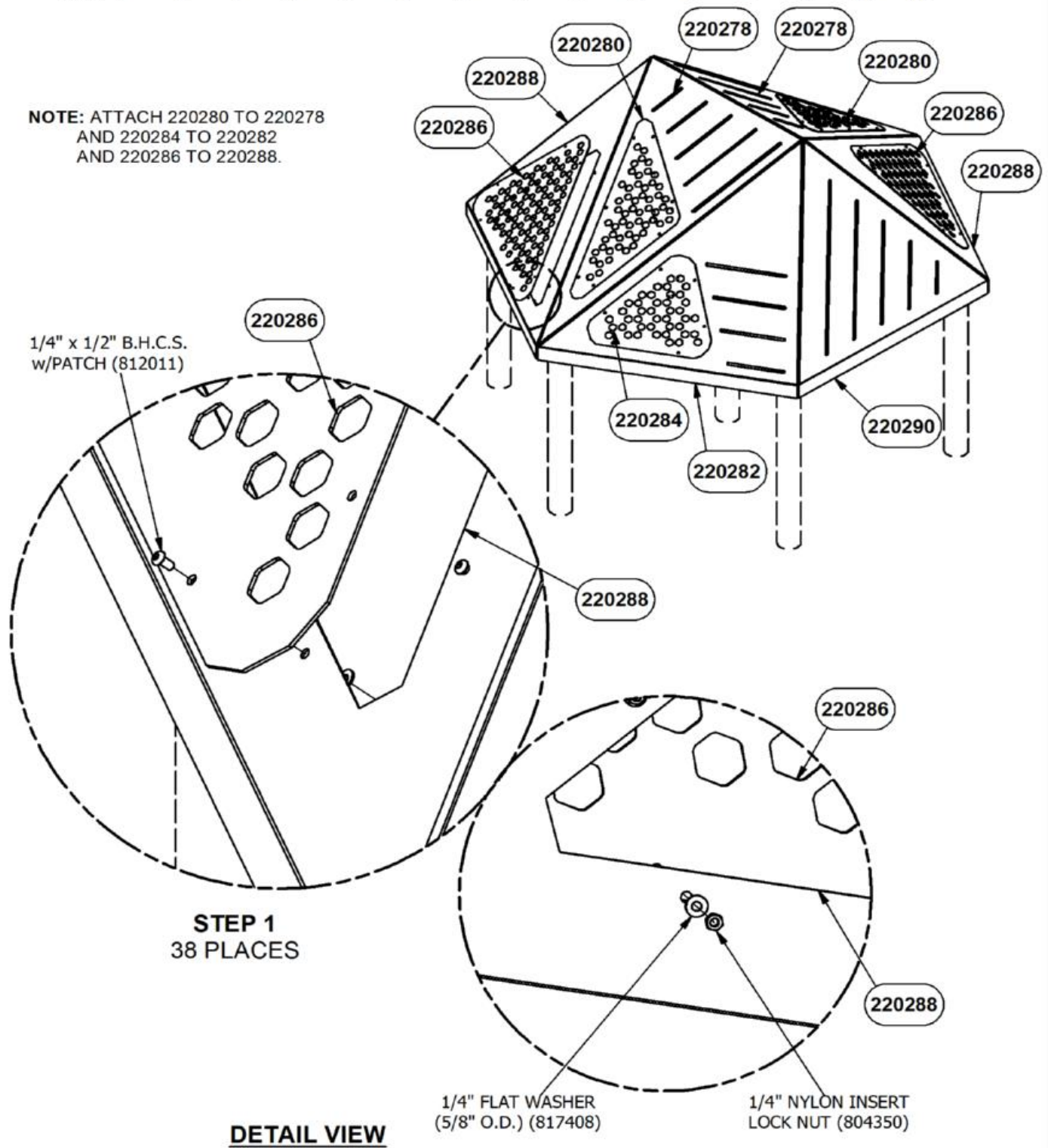


DETAIL VIEW

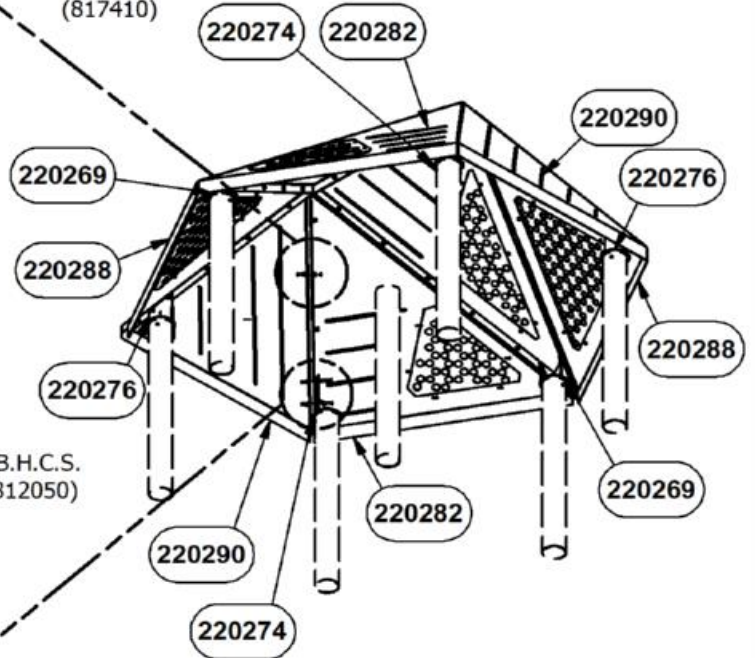
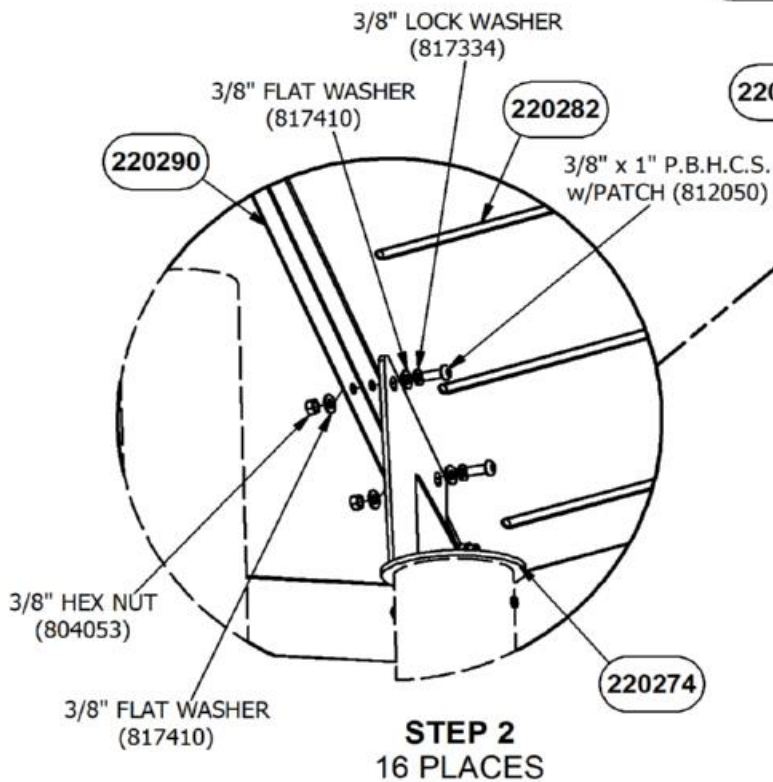
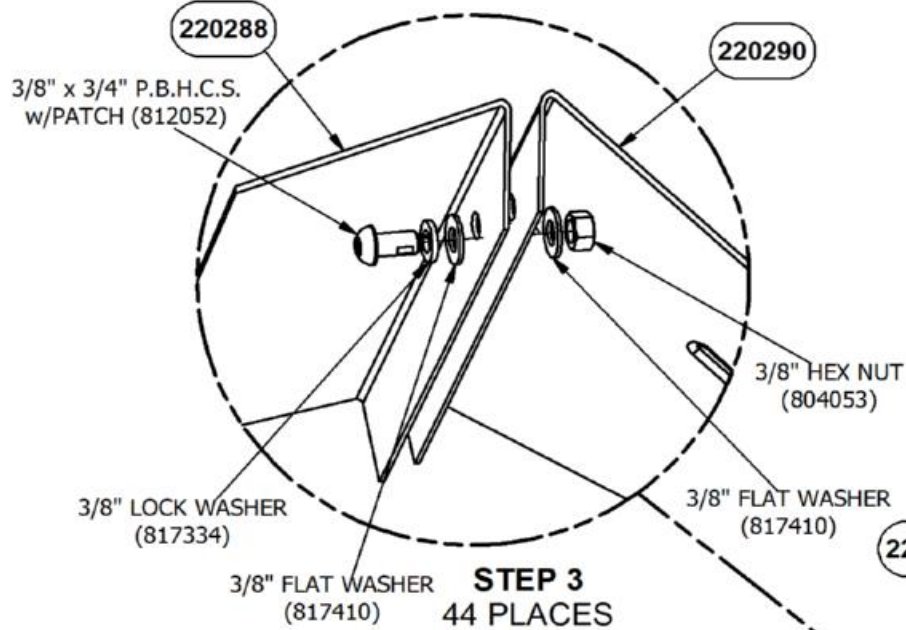
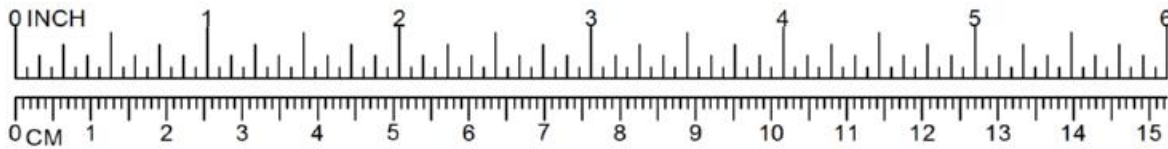
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



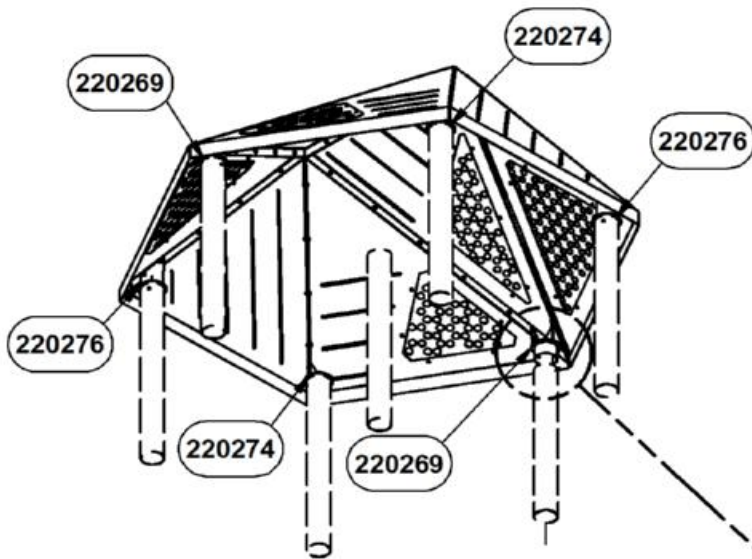
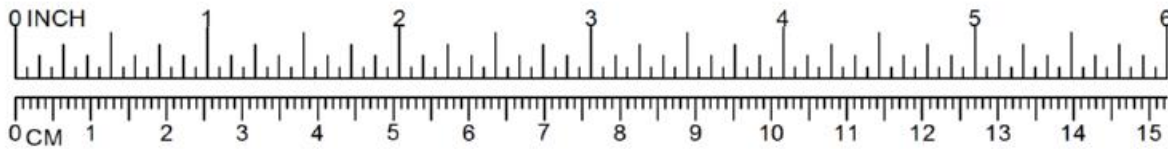
NOTE: ATTACH 220280 TO 220278
AND 220284 TO 220282
AND 220286 TO 220288.



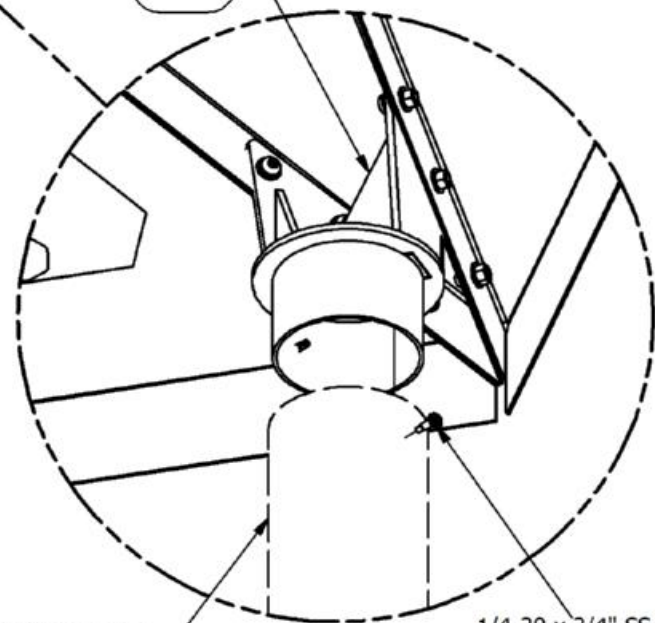
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



220269
OR
220276
OR
220274



EXISTING UPRIGHT

1/4-20 x 3/4" SS SELF
DRILLING SCREW
(810072)

NOTE: HEX ROOF UPRIGHT CAPS
SHOULD ALREADY BE IN PLACE
FROM STEP 2. ATTACH TO
EXTENSIONS AFTER ALL ROOF
HARDWARE HAS BEEN TIGHTENED

STEP 4
12 PLACES

DETAIL VIEW

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

Parts List		
DESCRIPTION	QTY	PART NUMBER
ROOF PANEL 1	2	220278
ROOF PANEL 2	2	220282
ROOF PANEL 3	2	220288
ROOF PANEL 4	2	220290
ROOF ACCENT PANEL	2	220280
ROOF ACCENT PANEL 2	2	220284
ROOF ACCENT PANEL 3	2	220286
HEX ROOF UPRIGHT CAP 1	2	220276
HEX ROOF UPRIGHT CAP	2	220274
DOUBLE PLATE ROOF ASSEMBLY	2	220269
HARDWARE COMPLETE	1	6059HW
1/4" x 1/2" B.H.C.S. w/PATCH	38	812011*
1/4" FLAT WASHER (5/8" O.D.)	38	817408*
1/4" NYLON INSERT LOCK NUT	38	804350*
3/8" x 3/4" P.B.H.C.S. w/PATCH	44	812052*
3/8" x 1" P.B.H.C.S. w/PATCH	16	812050*
3/8" FLAT WASHER	120	817410*
3/8" LOCK WASHER	60	817334*
3/8" HEX NUT	60	804053*
1/4-20 x 3/4" SS SELF DRILLING SCREW	12	810072*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

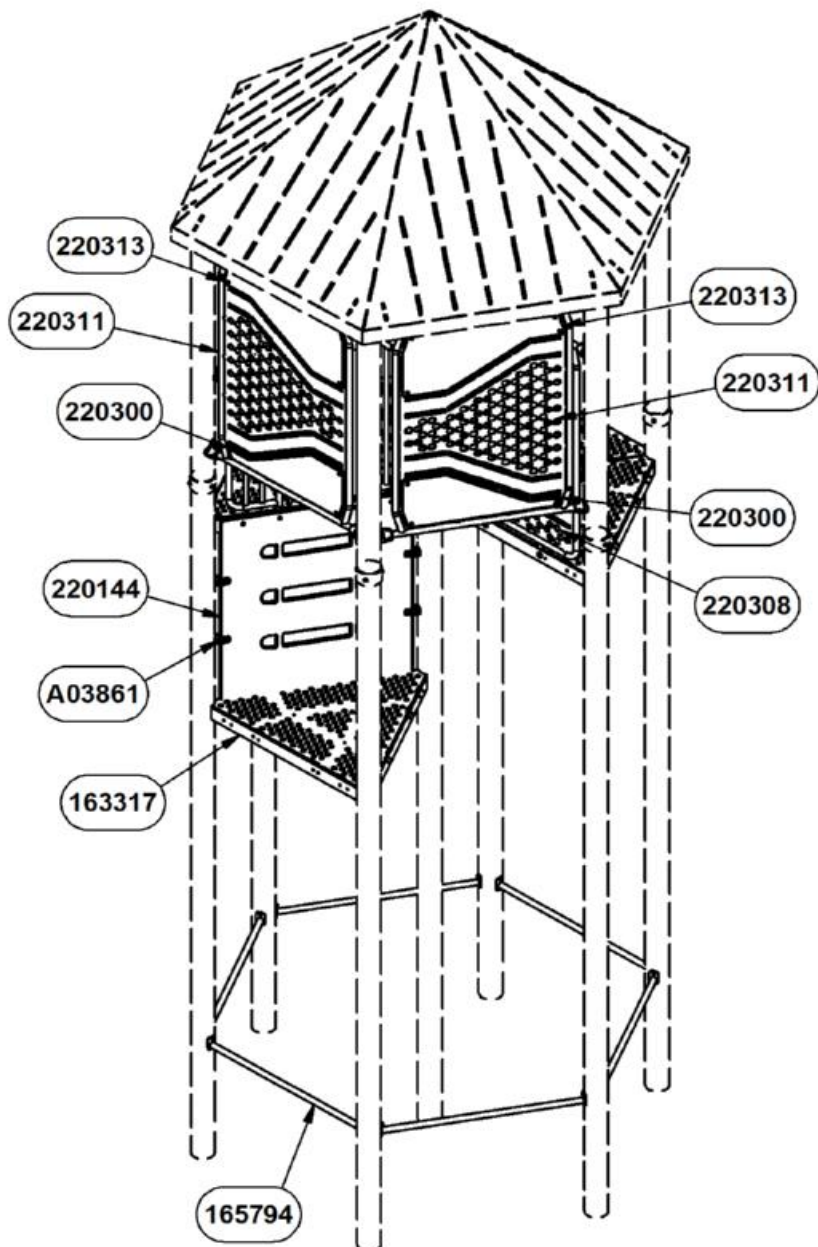


A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 11/16/2020

6081RP ALTUS X MODERN TOWER BASE

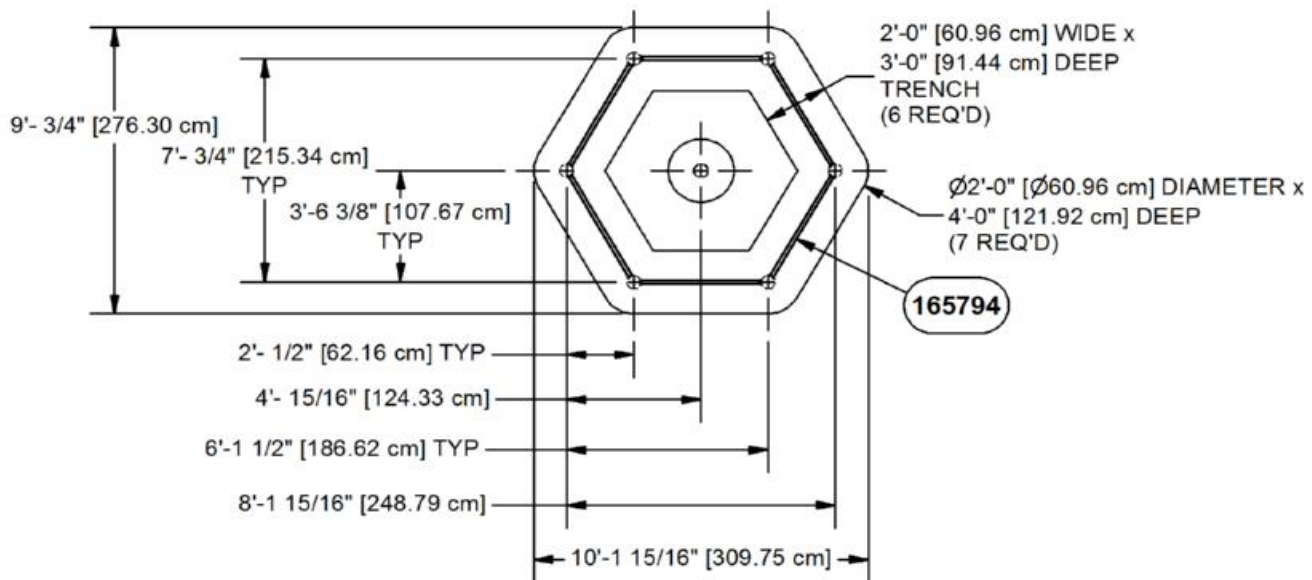


INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

ASSEMBLY VIEW

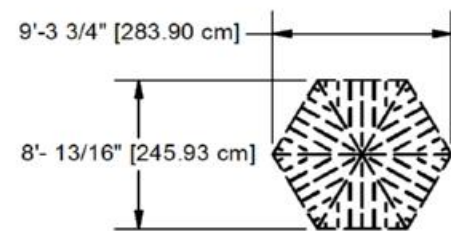
REFER TO ASSEMBLY VIEWS
OF EACH STAGE FOR
SPECIFIC PART NUMBERS



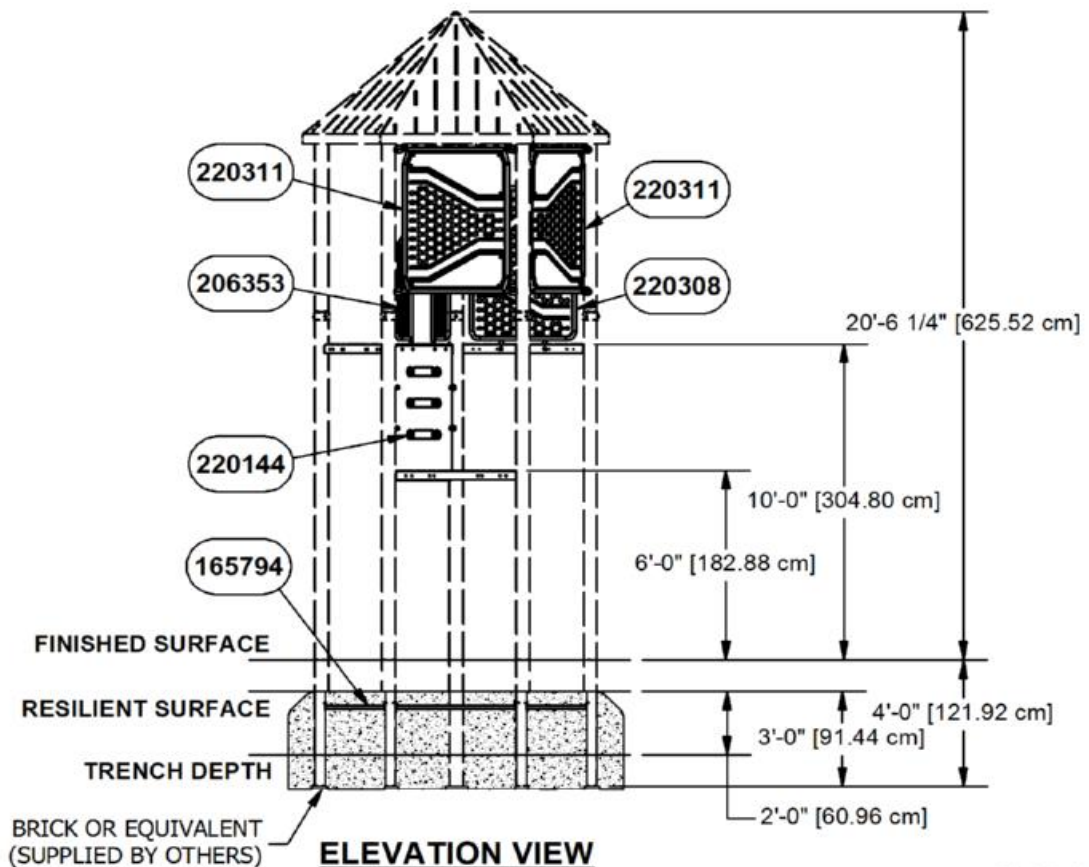
PLAN VIEW

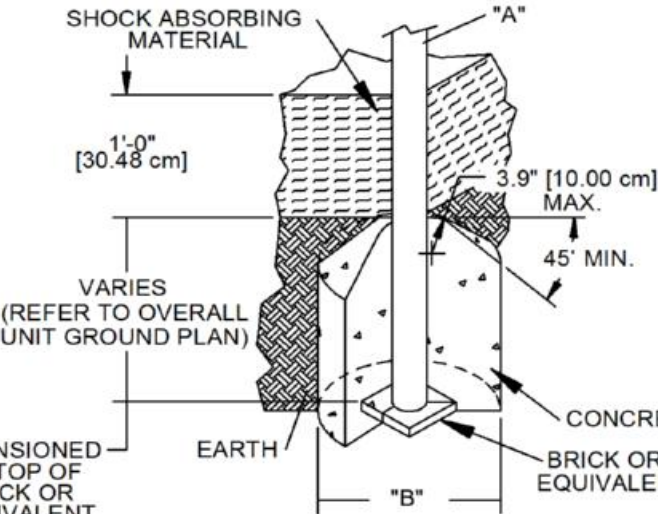
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

CONCRETE REQUIRED:
 4.30 CUBIC YARDS
 [3.29 CUBIC METERS]



TOP VIEW





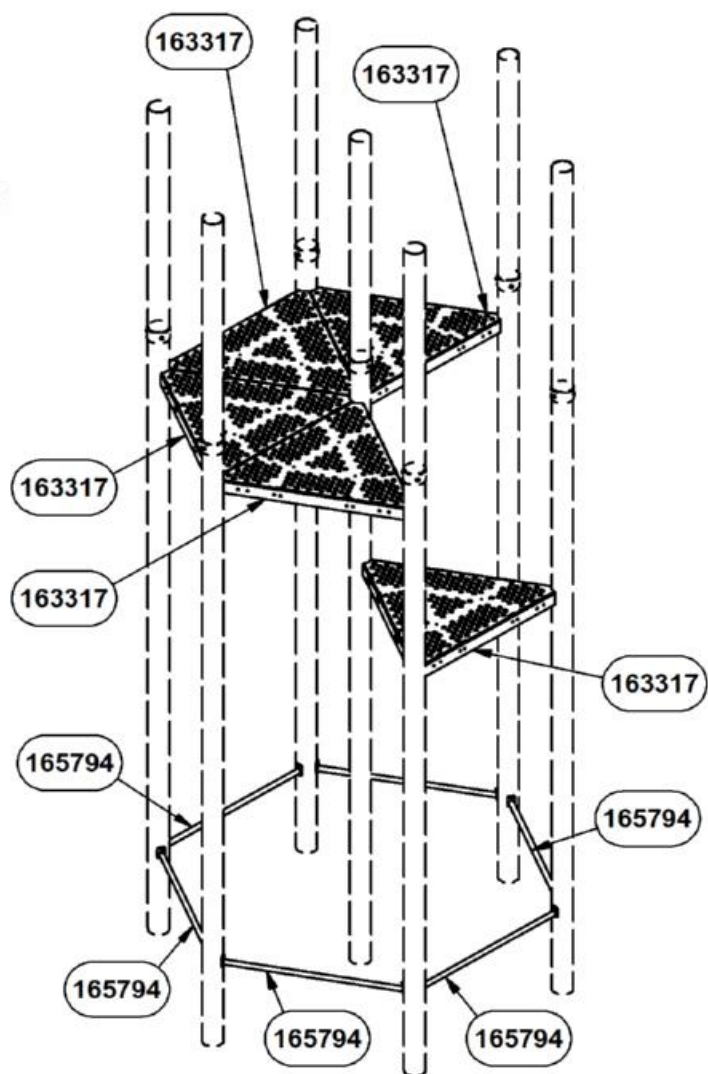
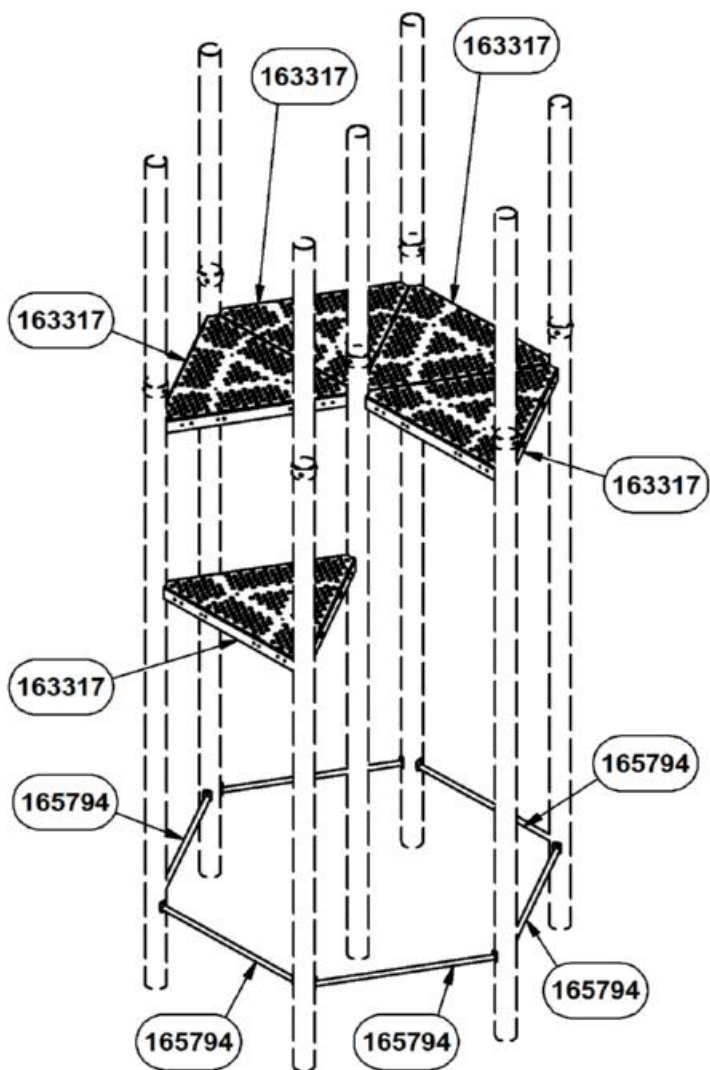
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]

NOTES:

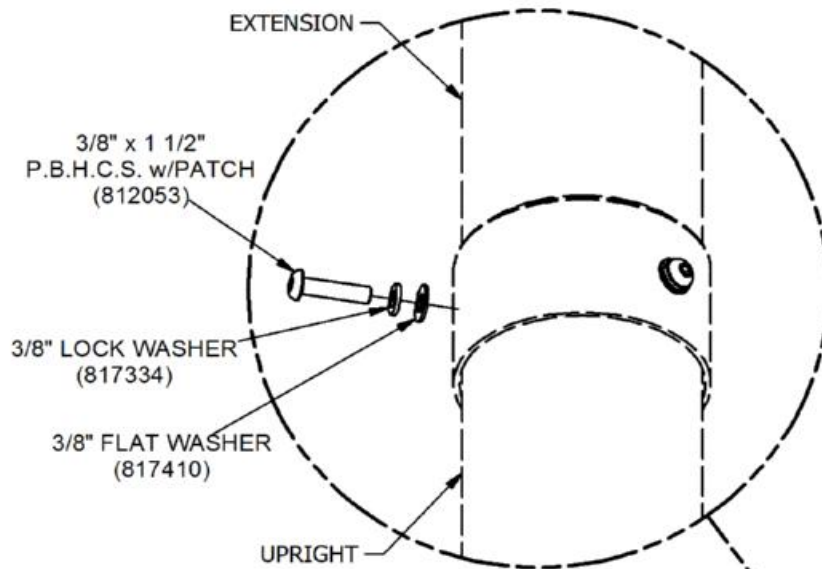
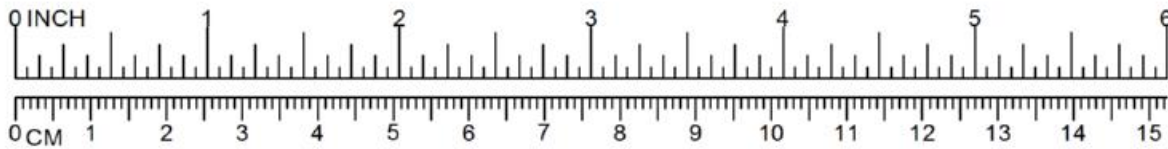
- SLOPED FOOTING IS A REQUIREMENT
OF EUROPEAN STANDARD EN1176-1 ONLY
-SUGGESTED MINIMUM CONCRETE
RATING: 3000 PSI

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

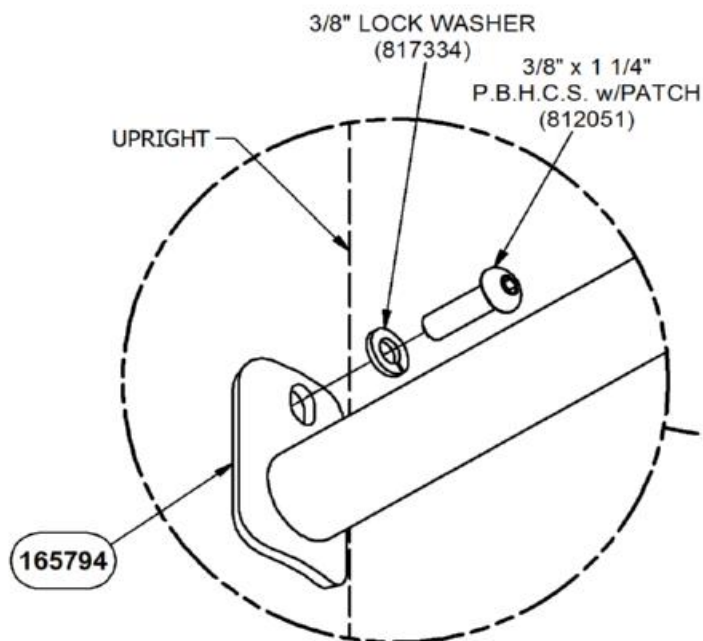
FOOTING DETAIL



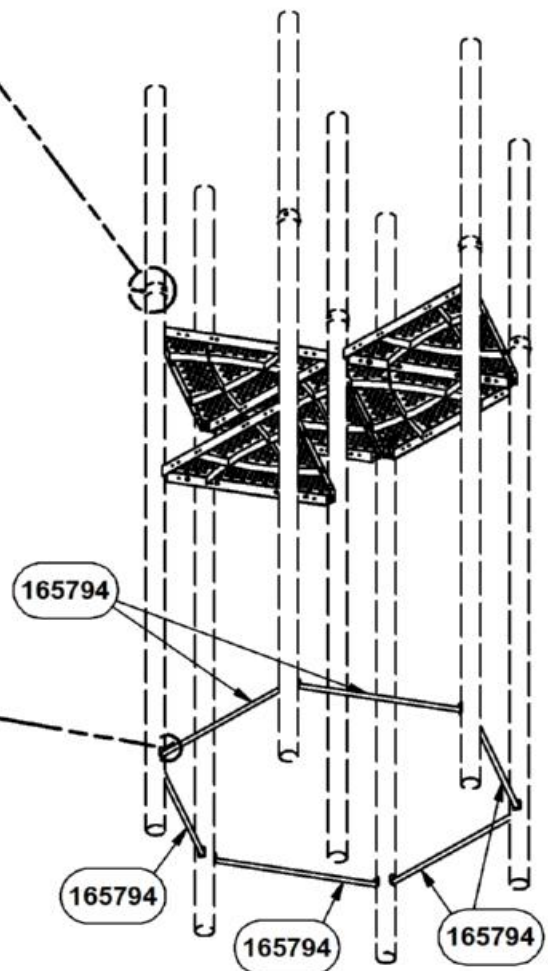
ASSEMBLY VIEW
STAGE 1



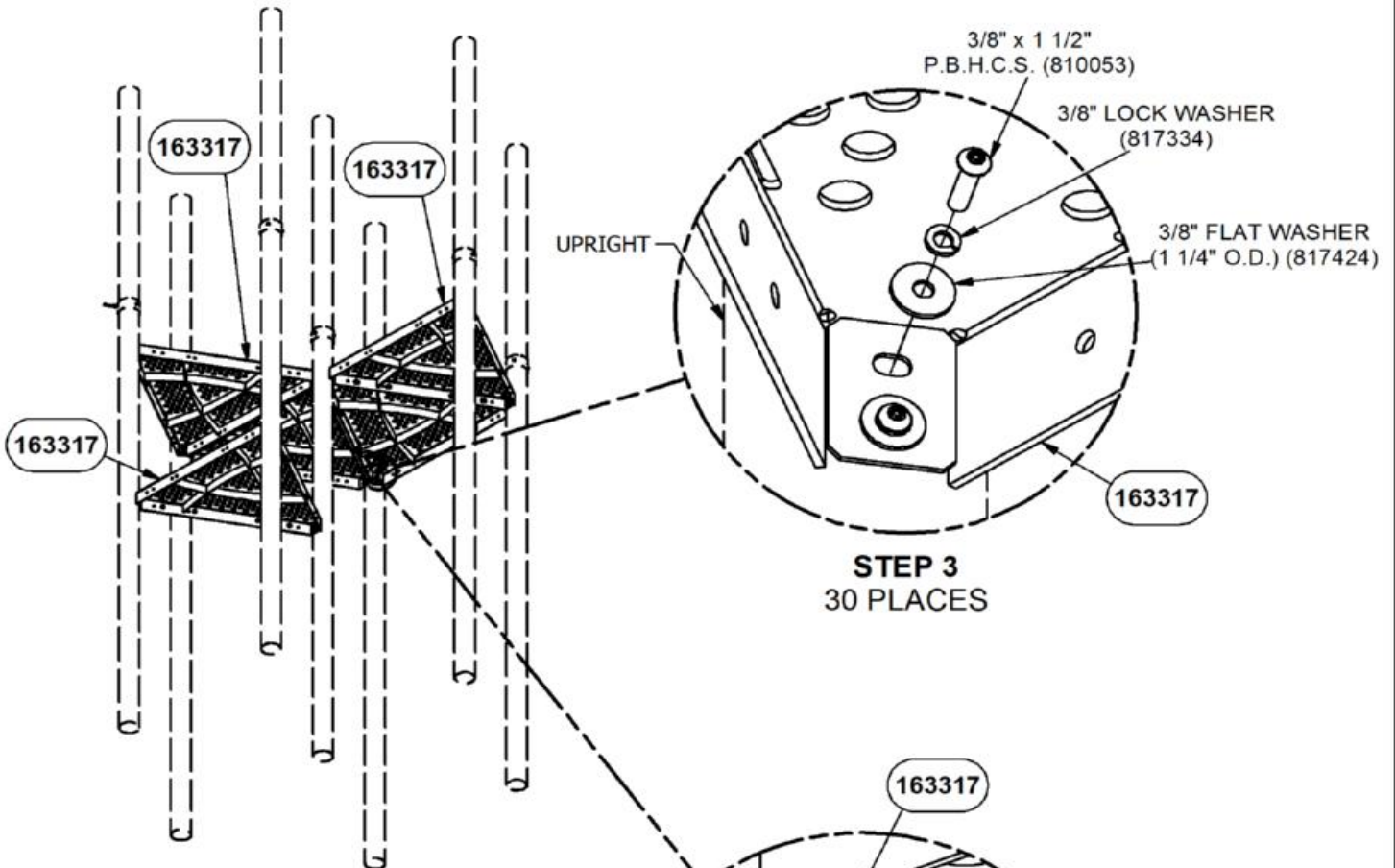
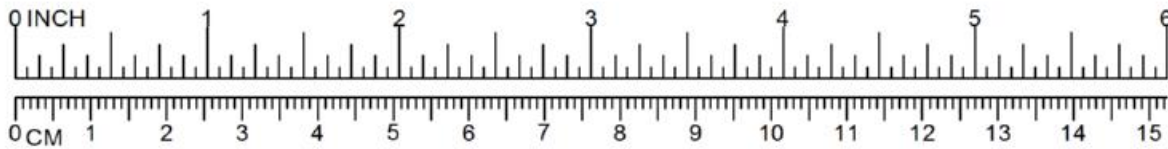
STEP 1
21 PLACES



STEP 2
12 PLACES

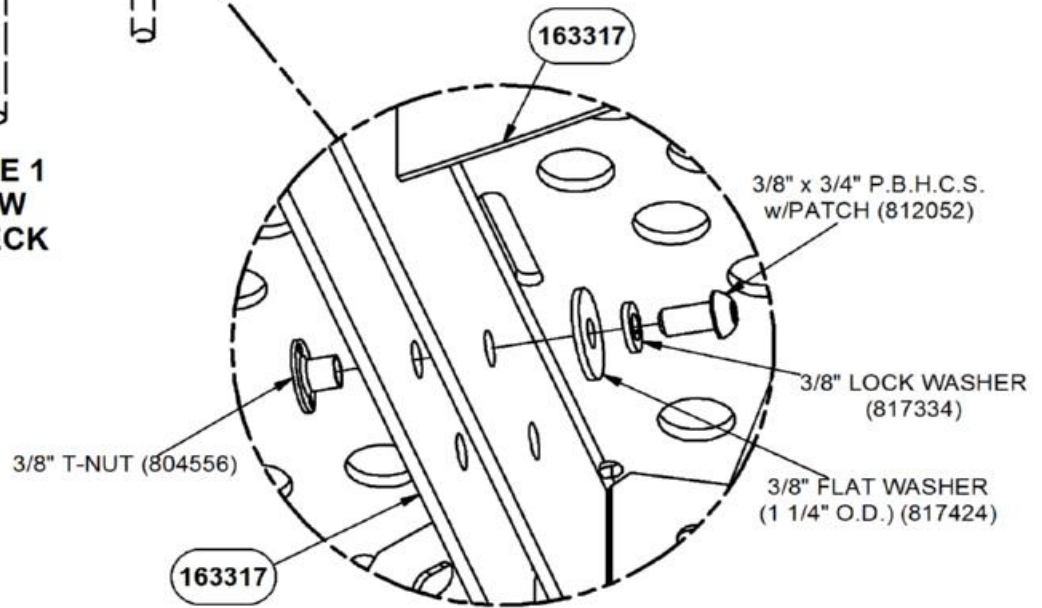


**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



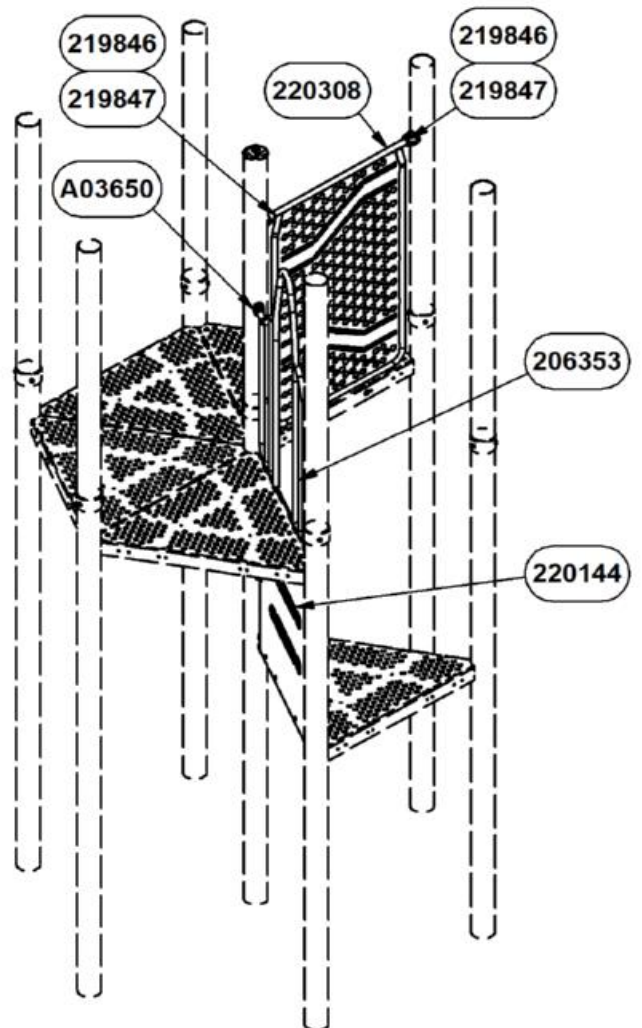
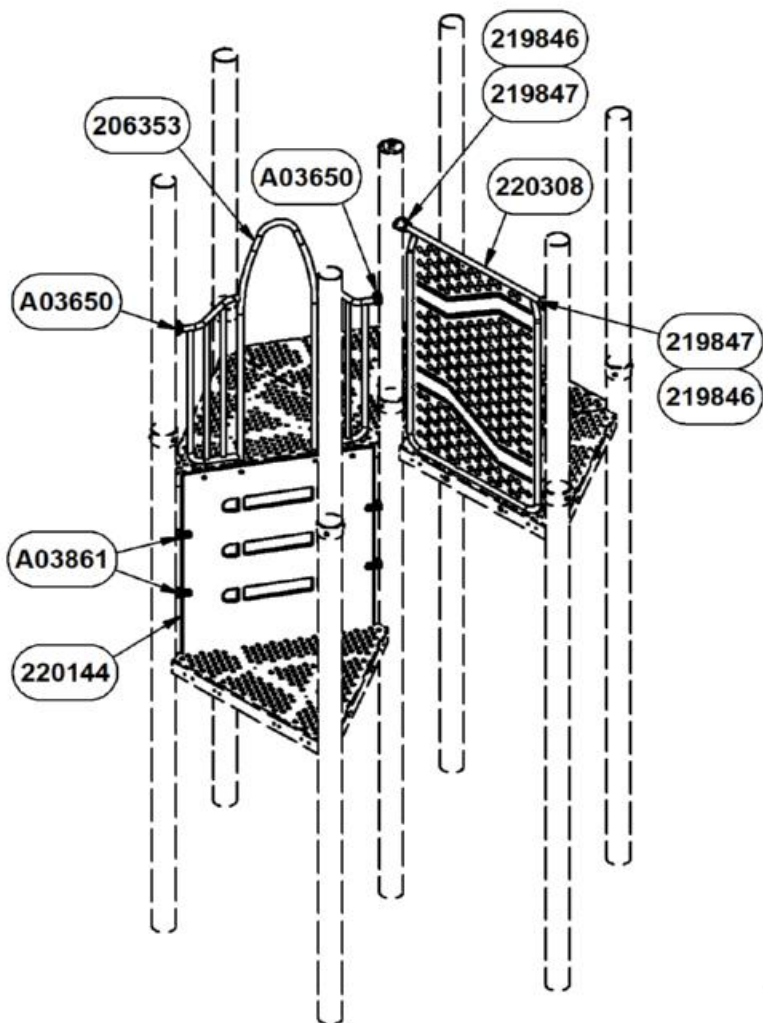
STEP 3
30 PLACES

**REFER TO STAGE 1
ASSEMBLY VIEW
FOR PROPER DECK
PLACEMENT**

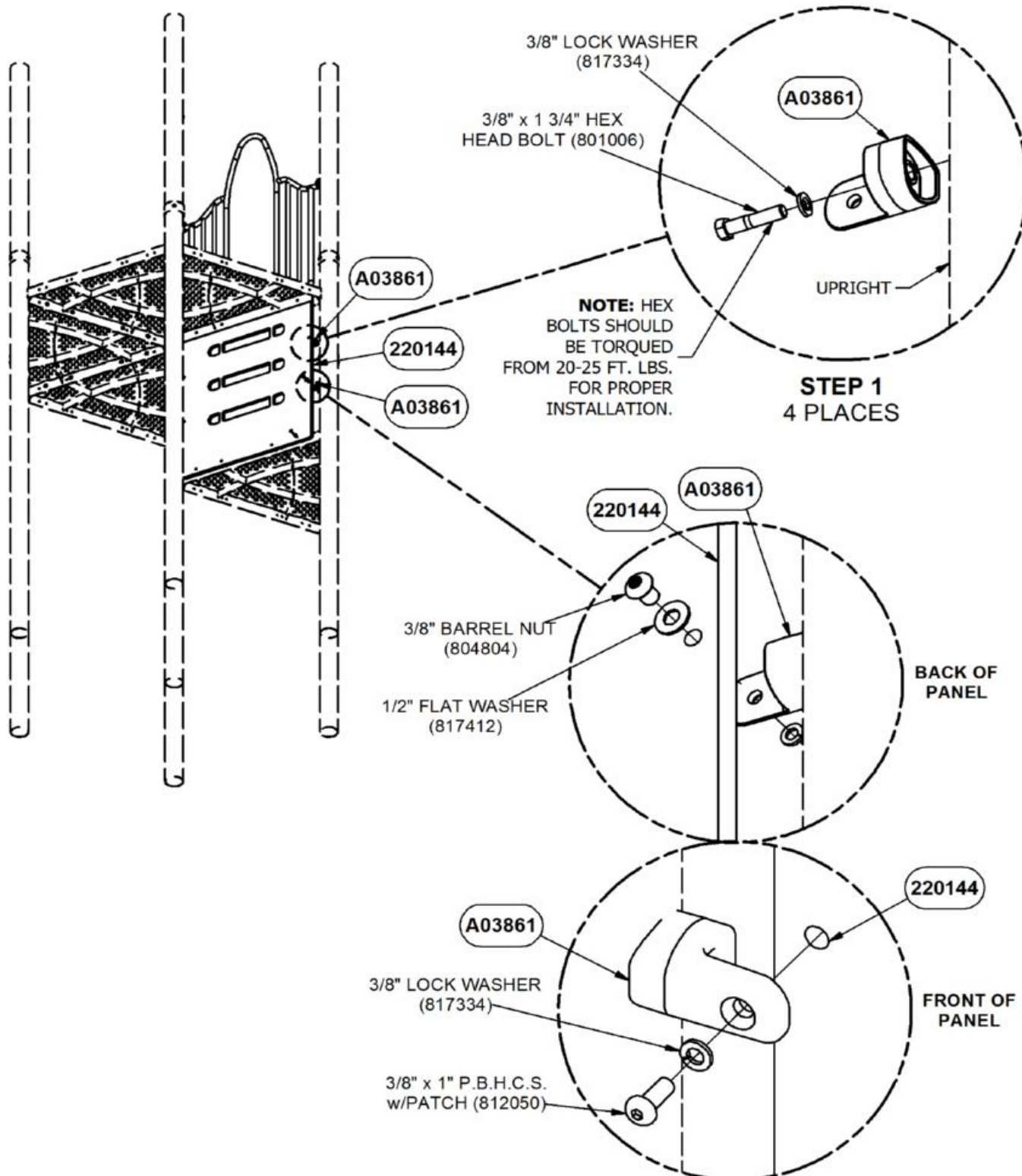
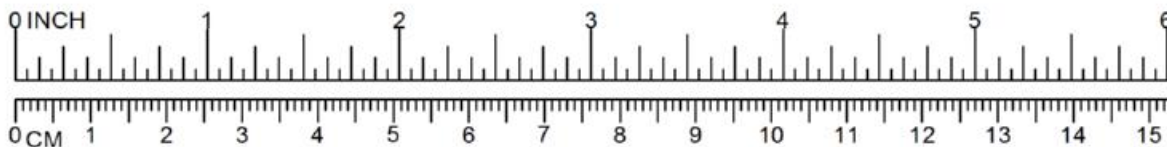


STEP 4
12 PLACES

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

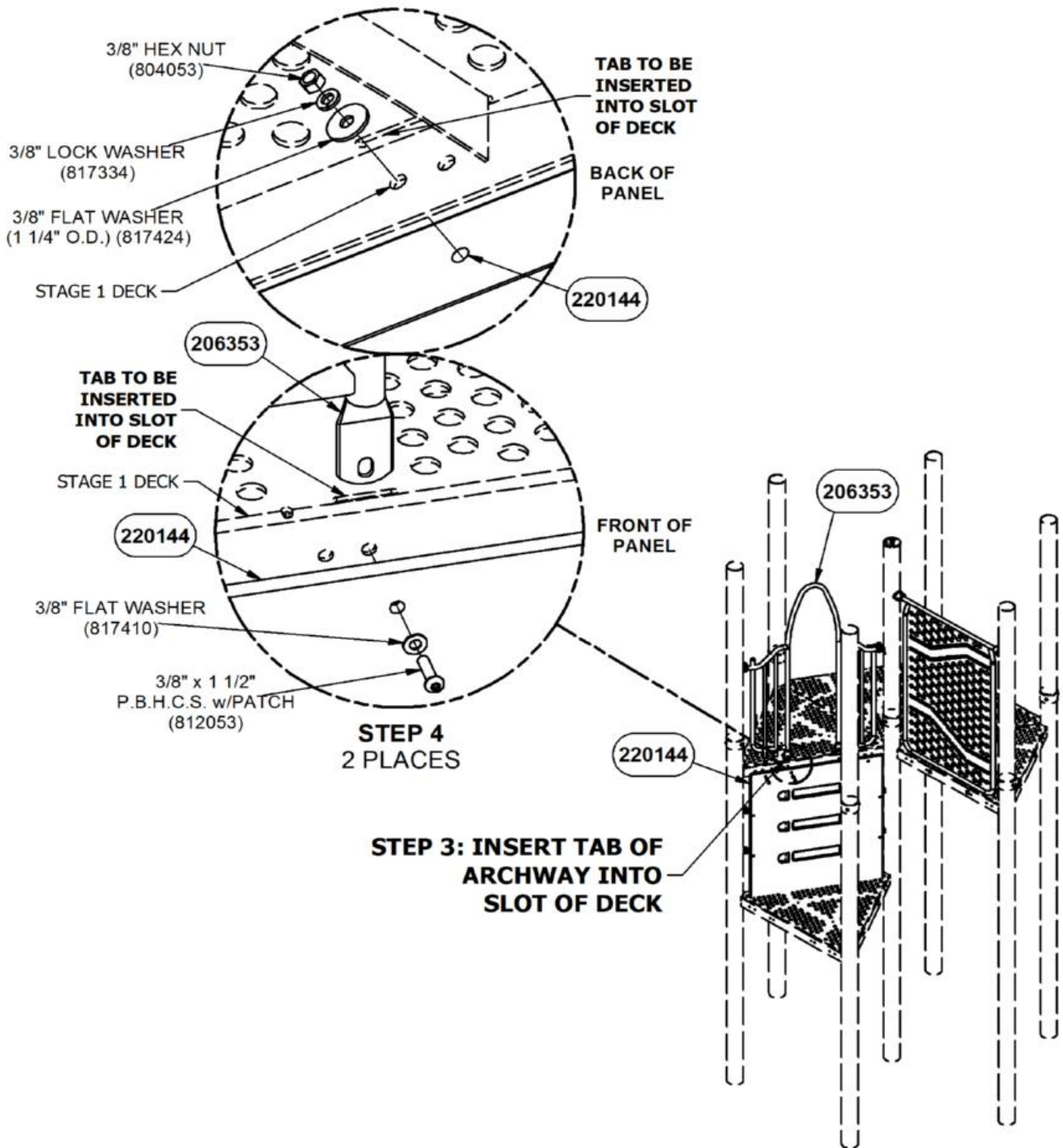
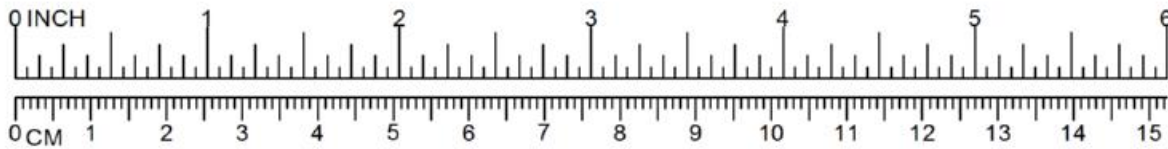


ASSEMBLY VIEW
STAGE 2

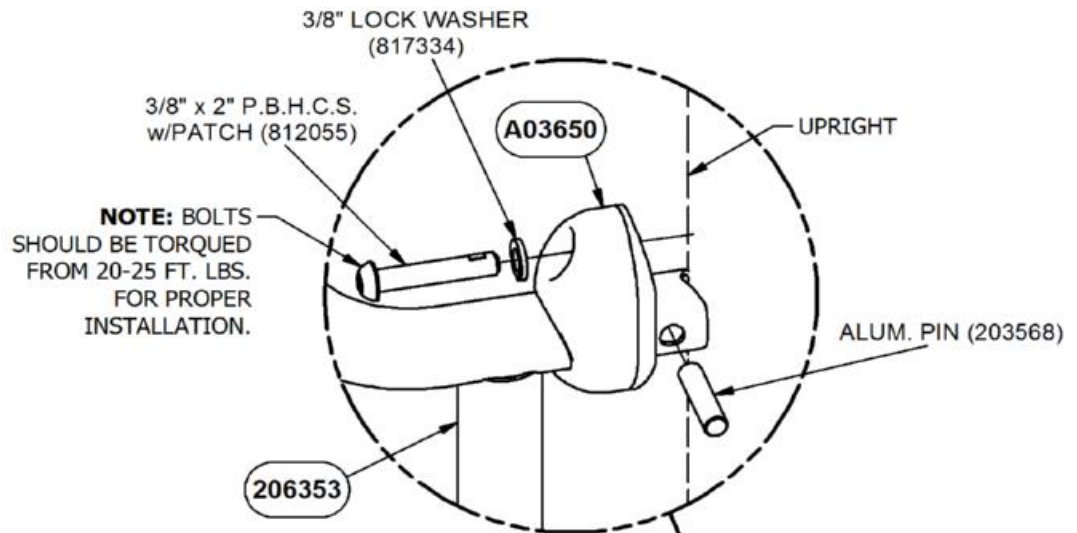
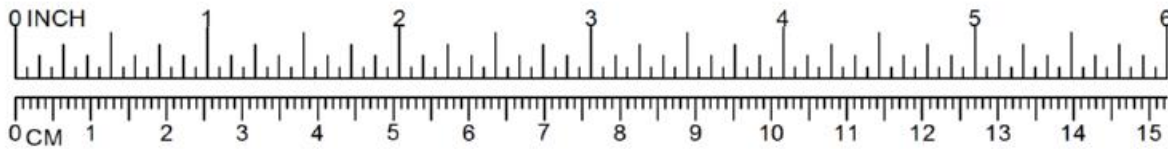


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

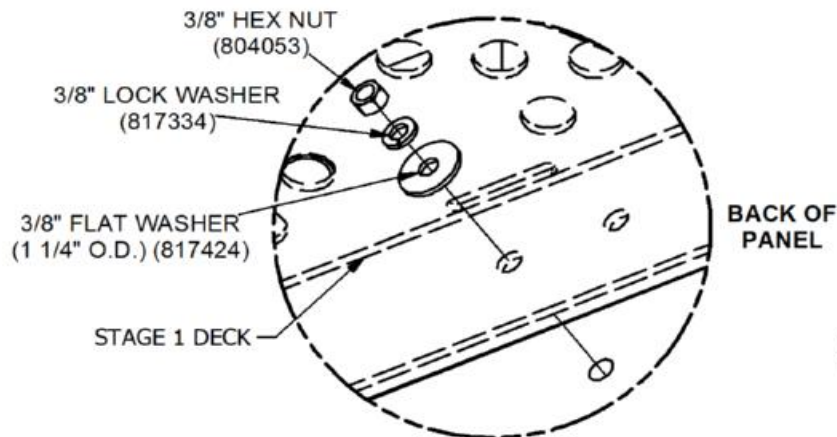
DETAIL VIEW
STAGE 2



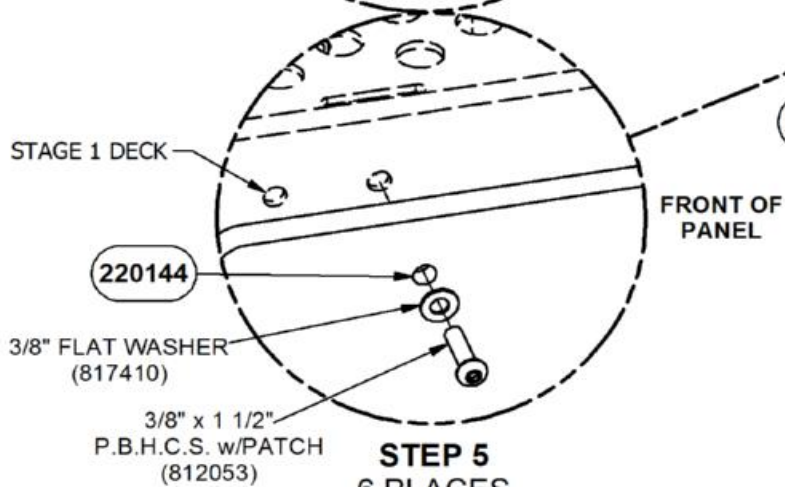
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



STEP 6
2 PLACES

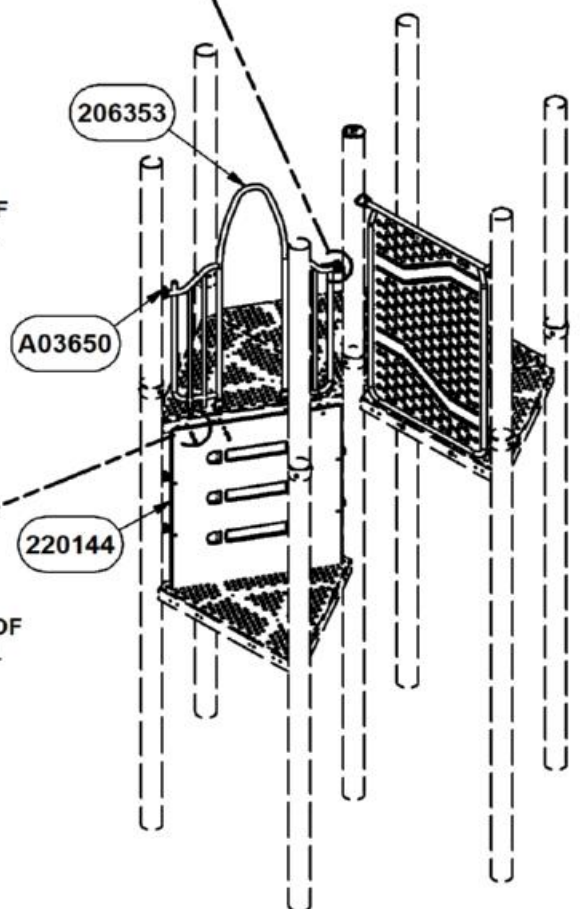


BACK OF
PANEL

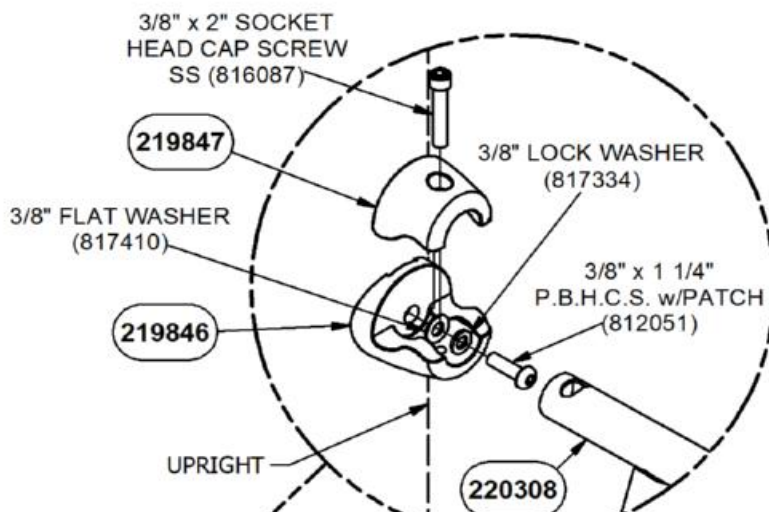
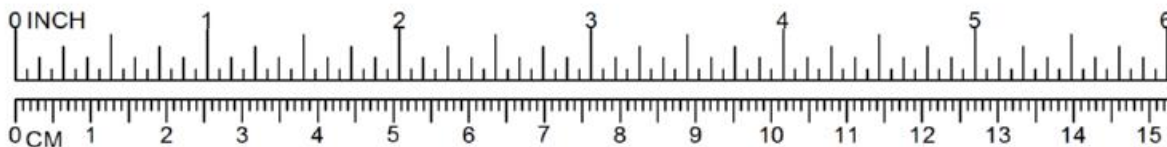


FRONT OF
PANEL

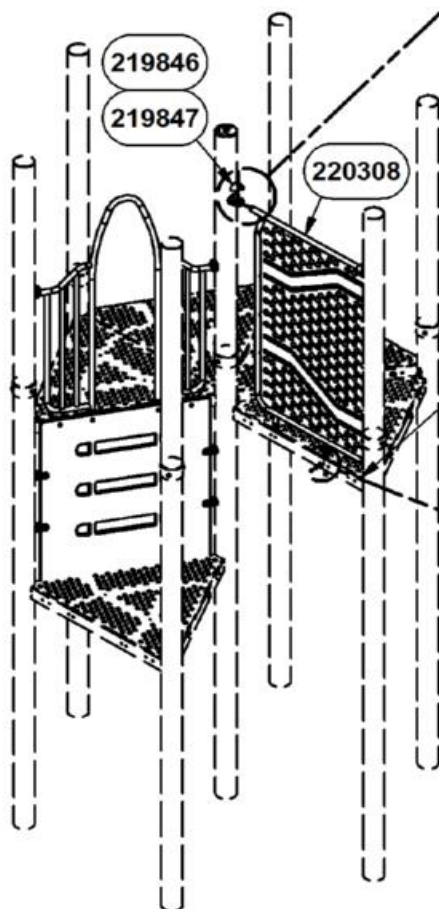
STEP 5
6 PLACES



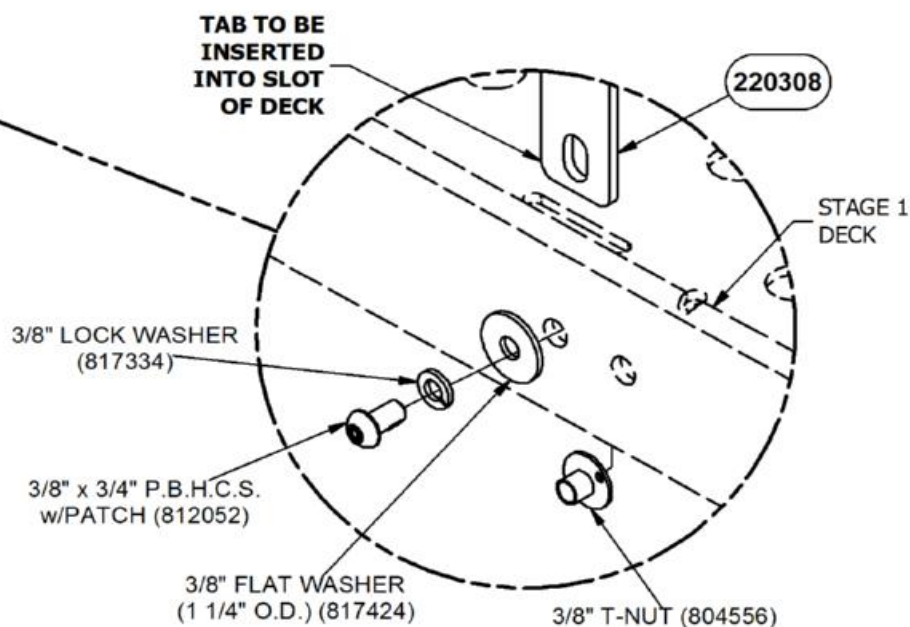
**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



STEP 9
2 PLACES



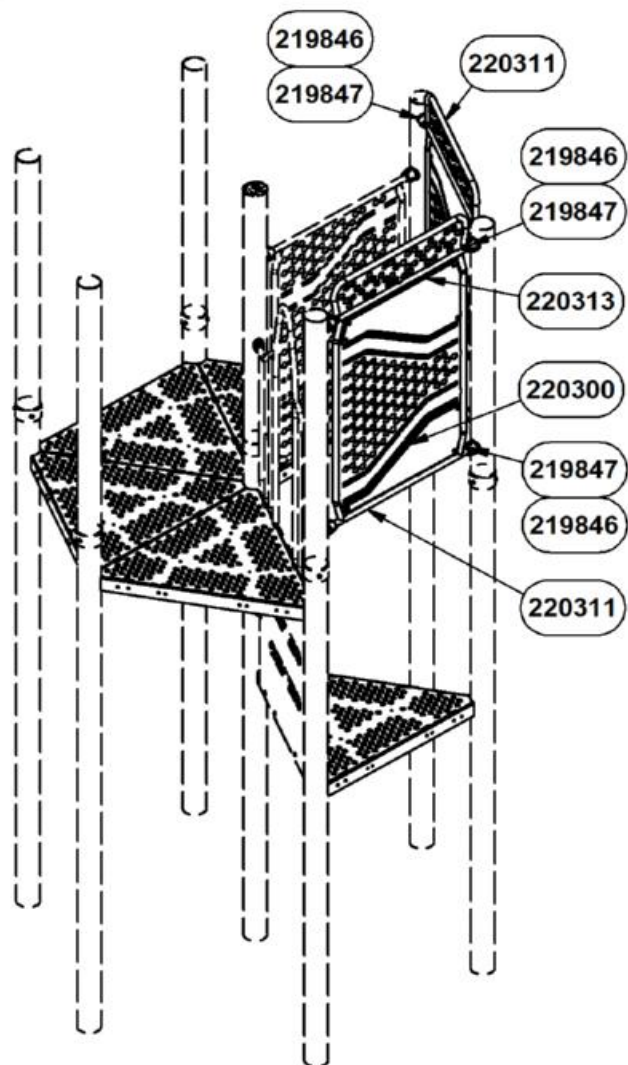
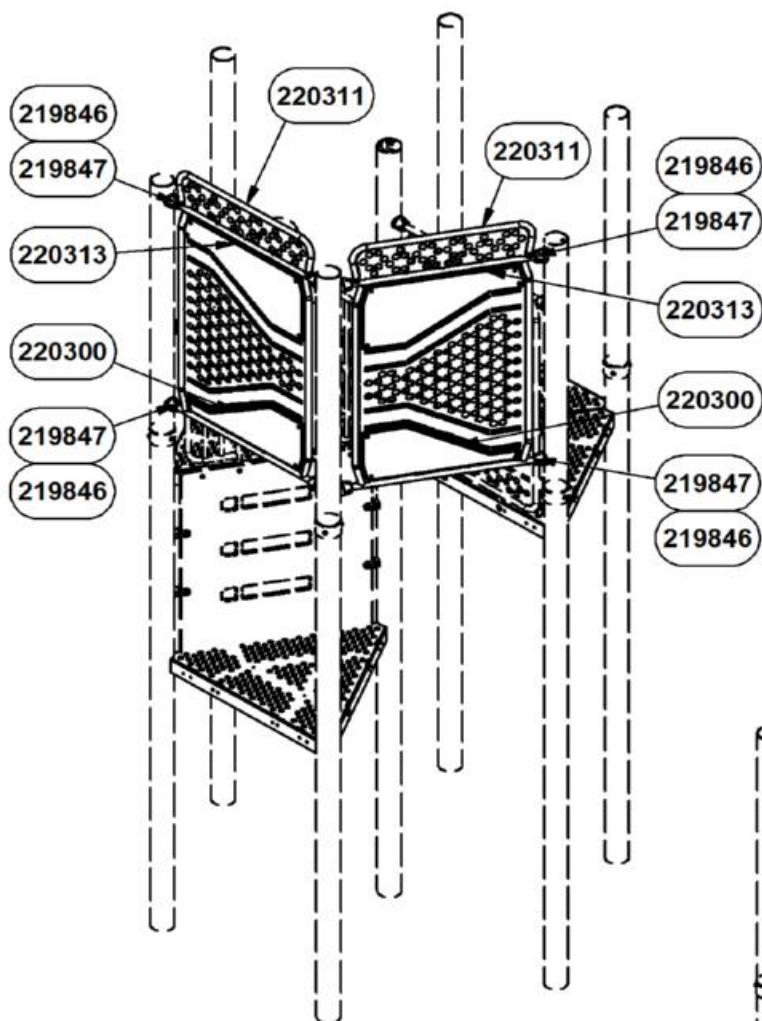
**STEP 7: INSERT TAB OF
INTERIOR WELD ASSEMBLY
INTO SLOT OF DECK**



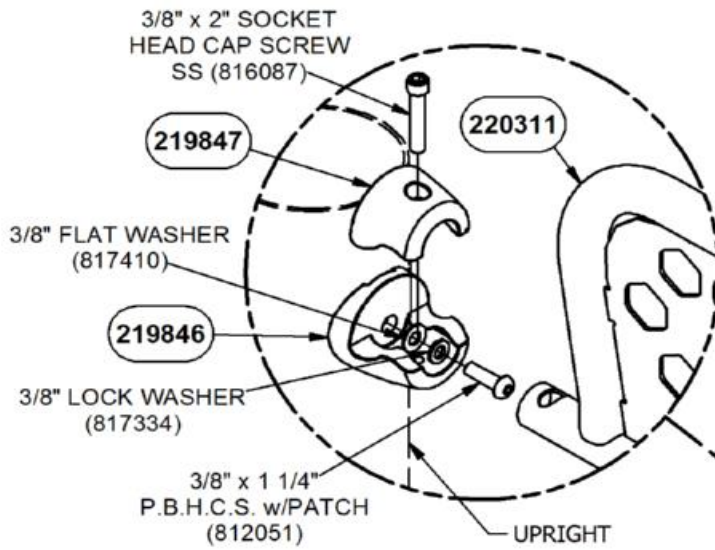
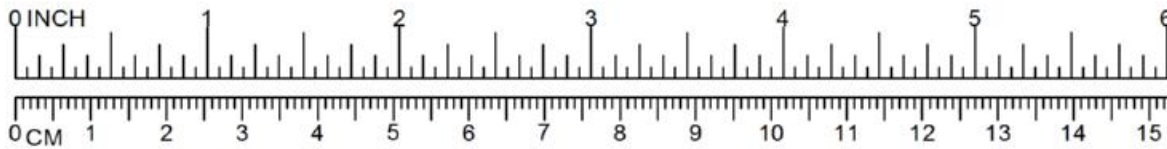
STEP 8
2 PLACES

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW
STAGE 2

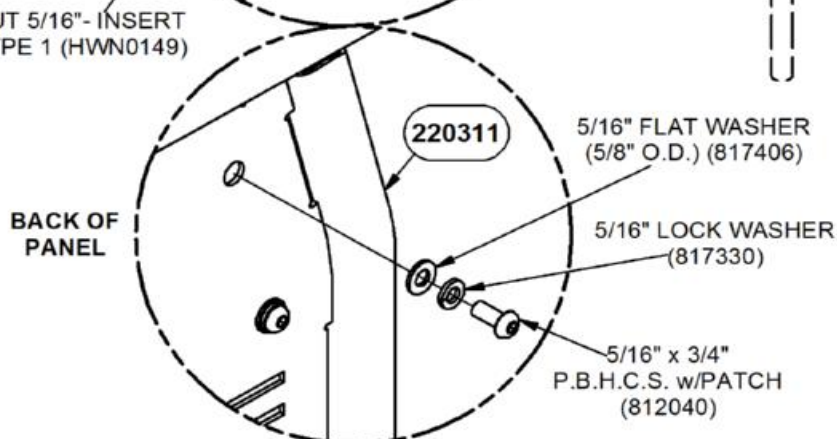
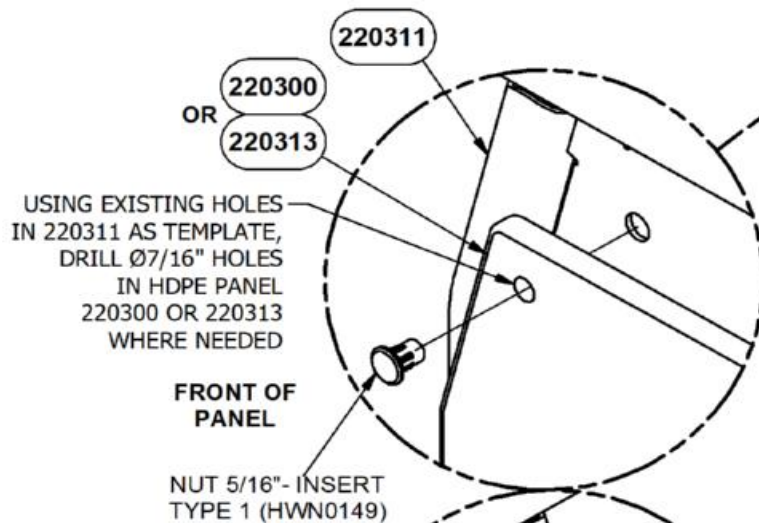


ASSEMBLY VIEW
STAGE 3



**REFER TO STAGE 3
ASSEMBLY VIEW
FOR PROPER HDPE
PLACEMENT**

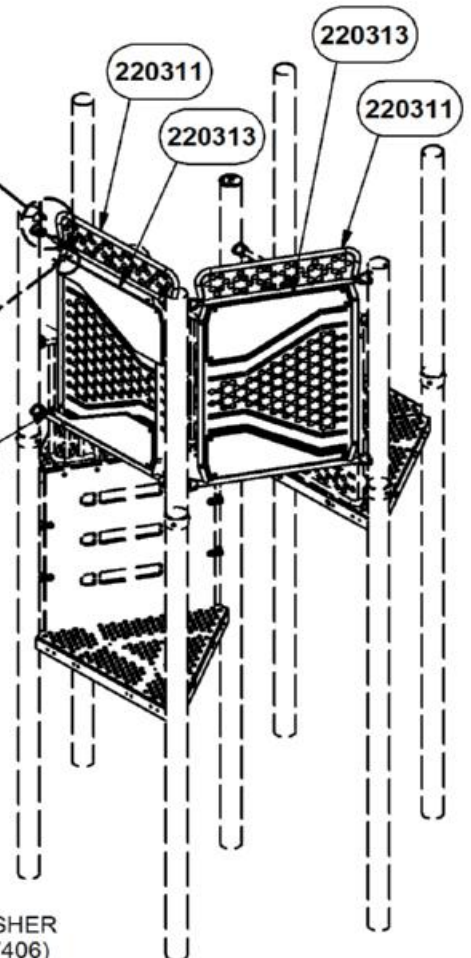
**STEP 1
8 PLACES**



**STEP 2
16 PLACES**

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW
STAGE 3**



Parts List		
DESCRIPTION	QTY	PART NUMBER
ARCHWAY w/INFILL	1	206353
INTERIOR PANEL WELD ASSEMBLY	1	220308
TOWER PANEL WELD ASSEMBLY	2	220311
GROUND SUPPORT	6	165794
TRIANGLE DECK	5	163317
HDPE LADDER PANEL	1	220144
HDPE TOWER PANEL	2	220313
HDPE BOTTOM PANEL	2	220300
PIPE MOUNT BODY - 1"	10	219846
PIPE MOUNT CAP - 1"	10	219847
TRU-LOC	2	A03650
TRU-LOC PANEL ATTACHMENT	4	A03861
HARDWARE COMPLETE	1	6081HW
5/16" x 3/4" P.B.H.C.S. w/PATCH	16	812040*
5/16" FLAT WASHER (5/8" O.D.)	16	817406*
5/16" LOCK WASHER	16	817330*
NUT 5/16"- INSERT TYPE 1	16	HWN0149*
3/8" x 3/4" P.B.H.C.S. w/PATCH	14	812052*
3/8" x 1" P.B.H.C.S. w/PATCH	4	812050*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	22	812051*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	29	812053*
3/8" x 1 1/2" P.B.H.C.S.	30	810053*
3/8" x 1 3/4" HEX HEAD BOLT	4	801006*
3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
3/8" x 2" SOCKET HEAD CAP SCREW SS	10	816087*
3/8" FLAT WASHER (1 1/4" O.D.)	52	817424*
3/8" FLAT WASHER	39	817410*
3/8" LOCK WASHER	105	817334*
3/8" BARREL NUT	4	804804*
3/8" HEX NUT	8	804053*
3/8" T-NUT	14	804556*
1/2" FLAT WASHER	4	817412*
ALUM. PIN	2	203568*

Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.



LANDMARK DESIGN

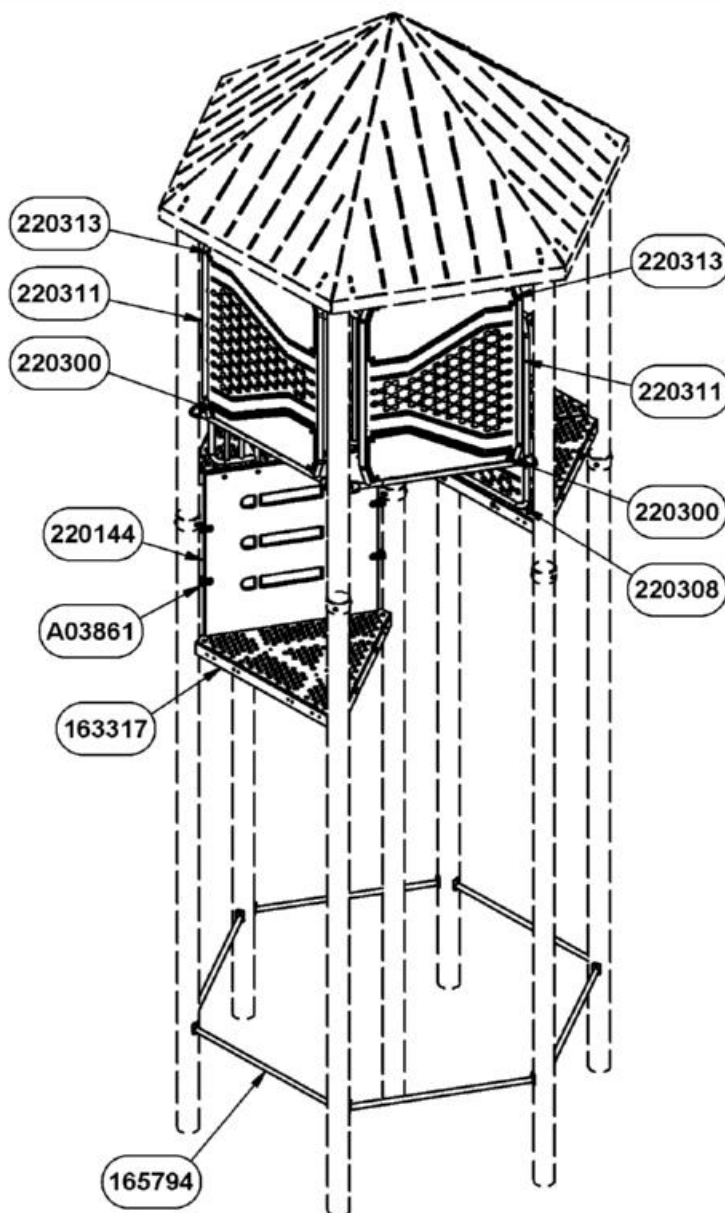
A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 11/19/2020

6082RP

ALTUS X2 MODERN TOWER BASE



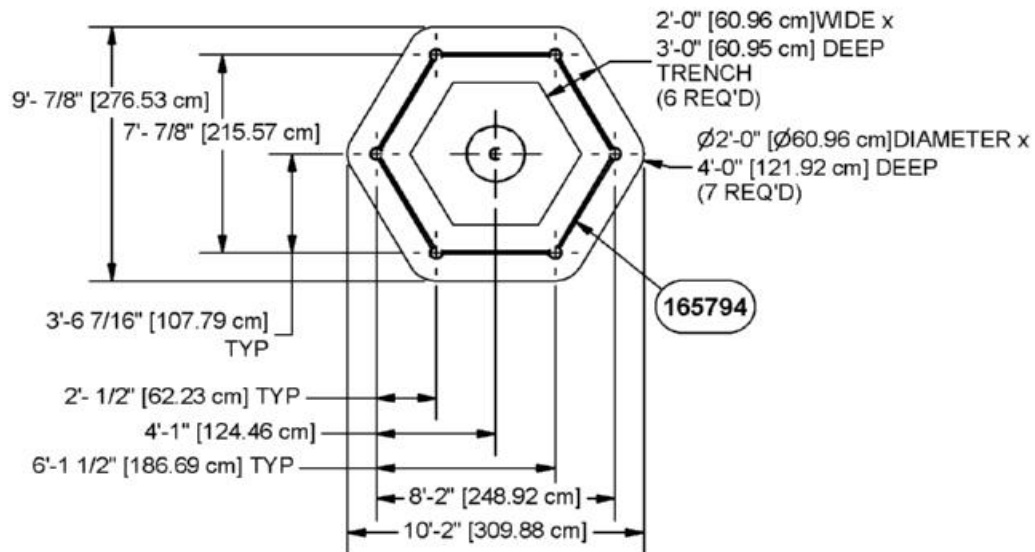
ASSEMBLY VIEW

REFER TO ASSEMBLY VIEWS
OF EACH STAGE FOR
SPECIFIC PART NUMBERS

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

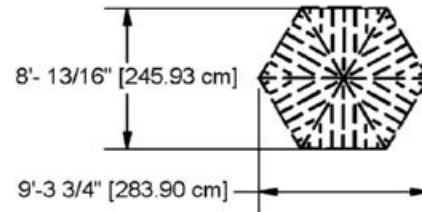
This document contains proprietary information, and is not to be reproduced without written permission from GameTime and is not to be used in any manner detrimental to the interests of GameTime



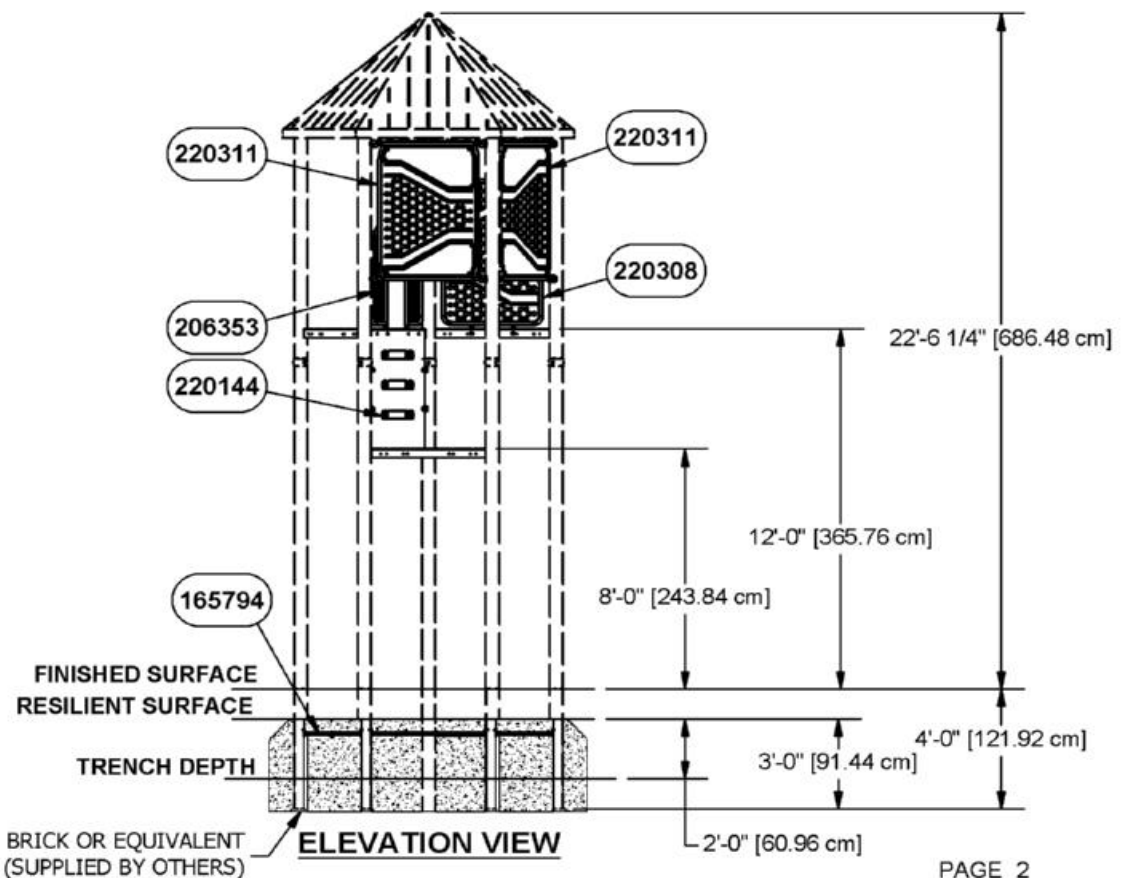
PLAN VIEW

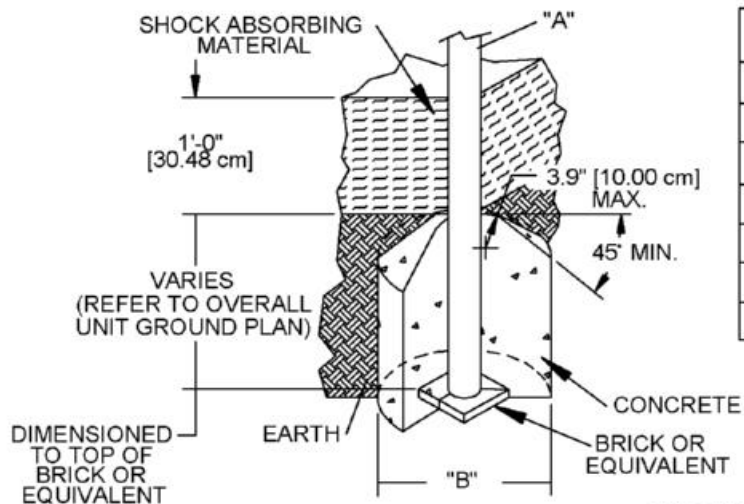
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

CONCRETE REQUIRED:
4.30 CUBIC YARDS
[3.29 CUBIC METERS]



TOP VIEW





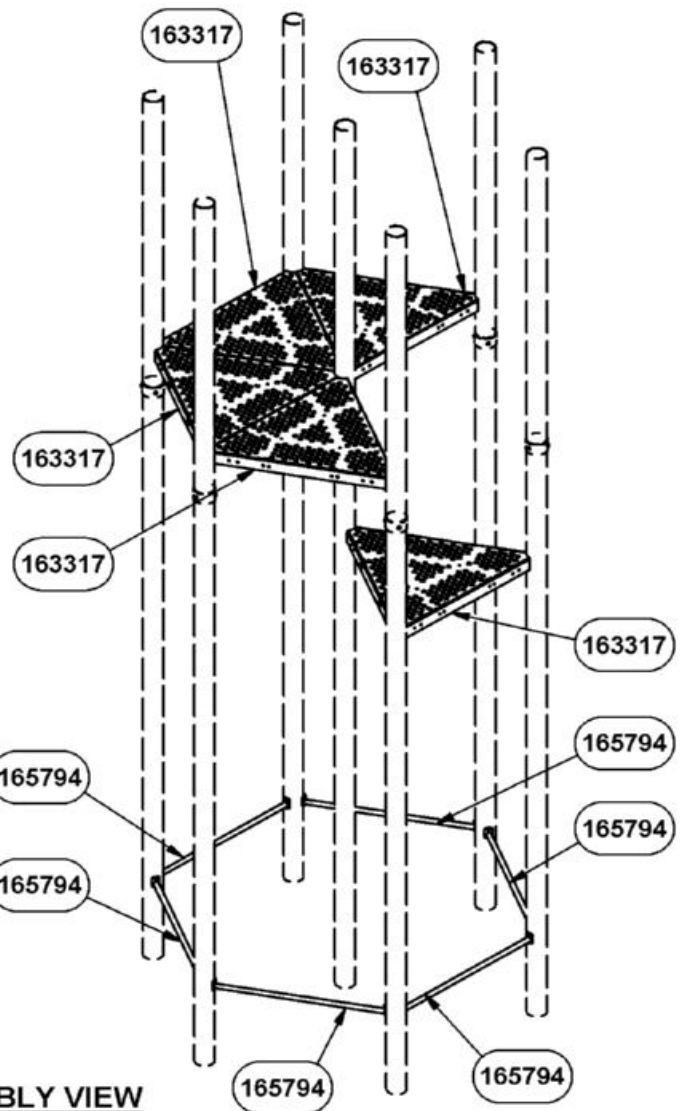
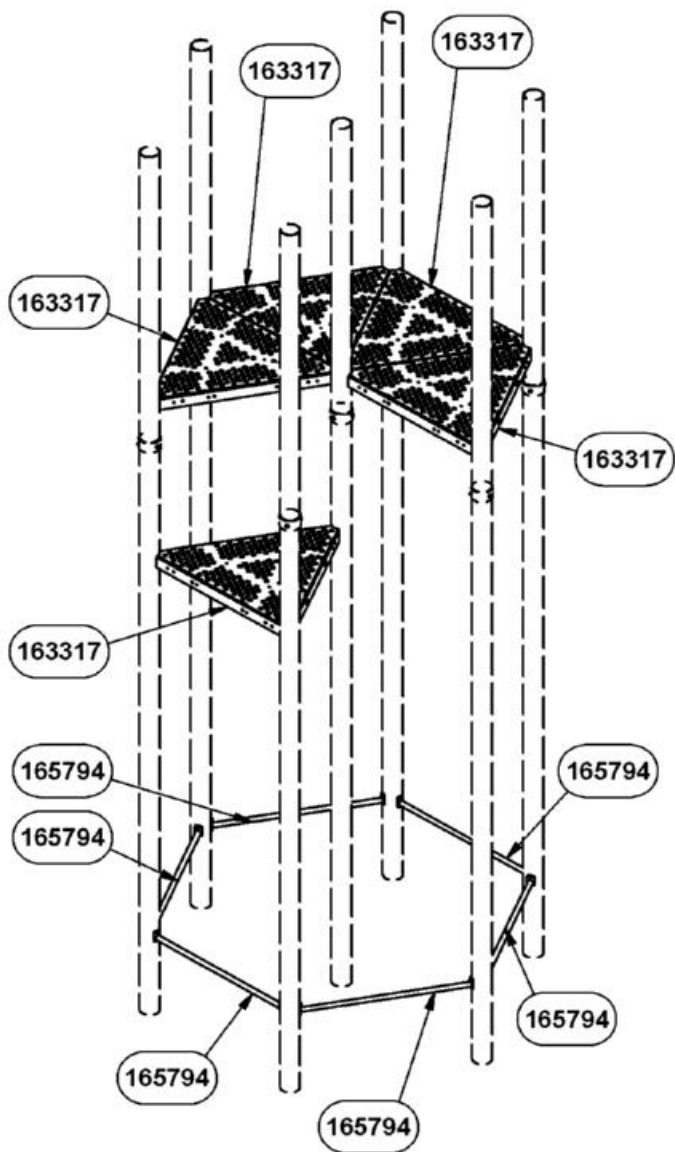
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]

NOTES:

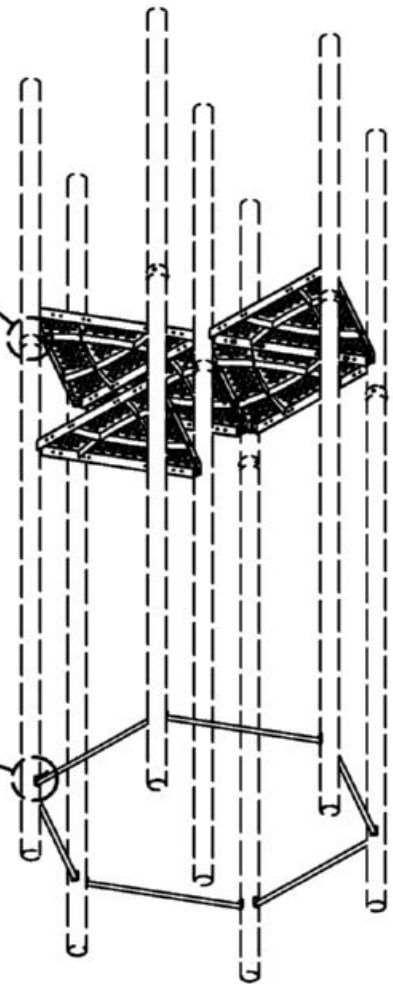
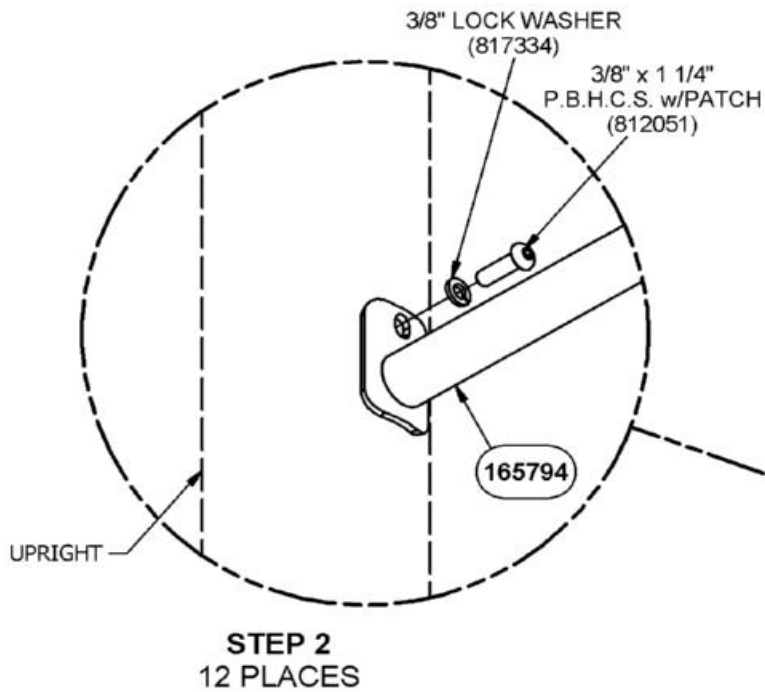
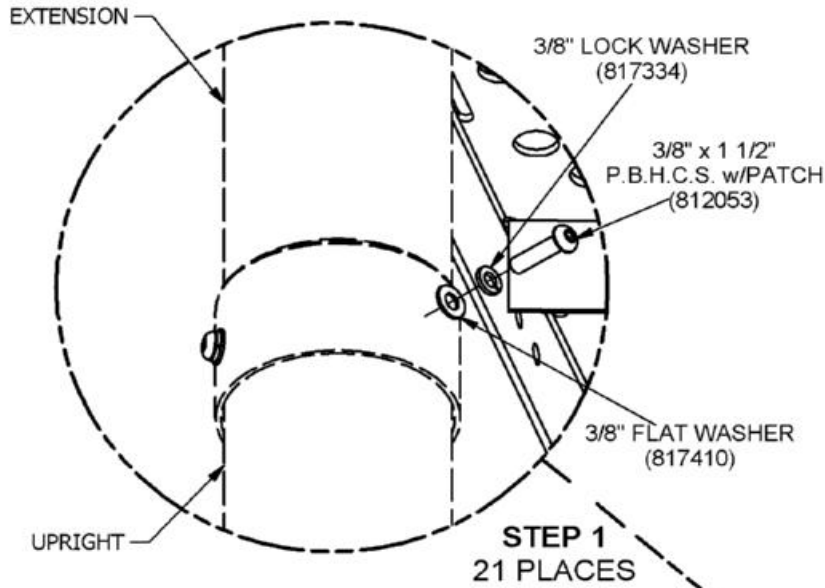
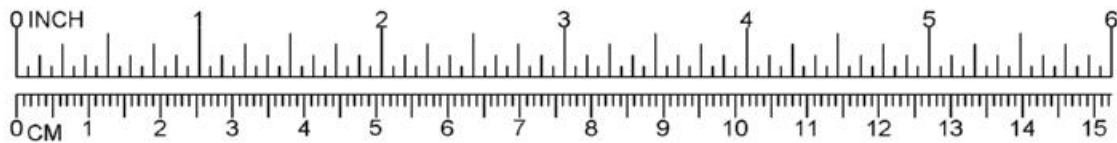
- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

FOOTING DETAIL

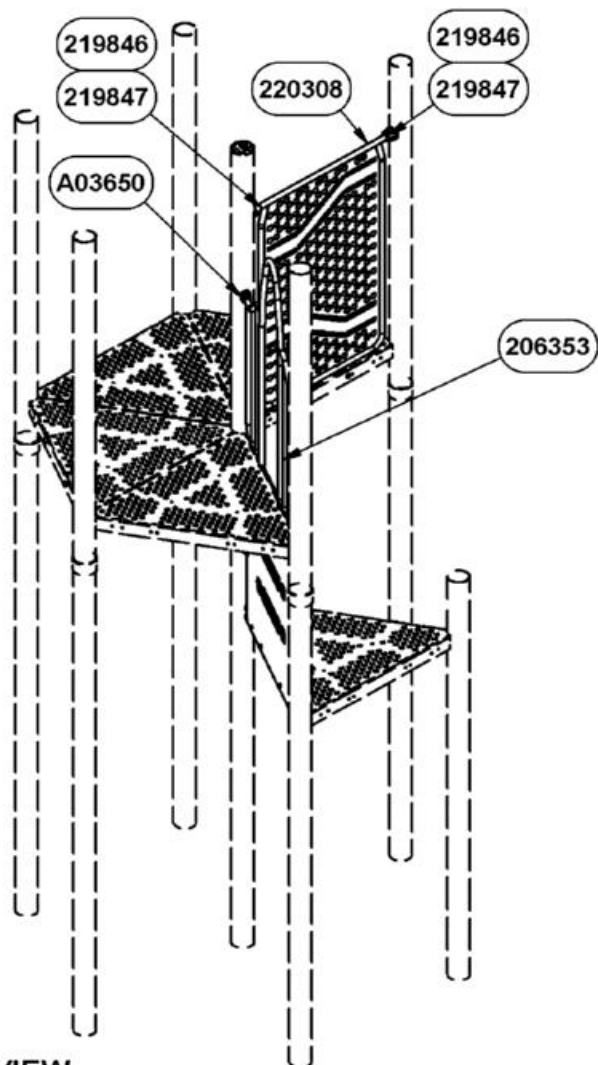
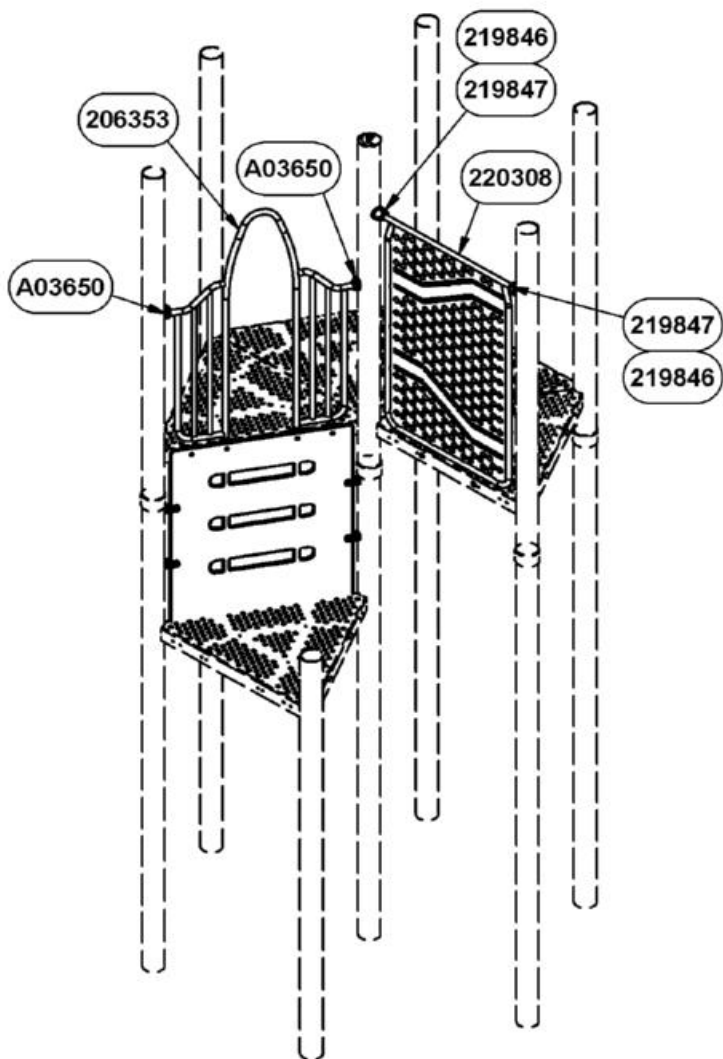


ASSEMBLY VIEW
STAGE 1

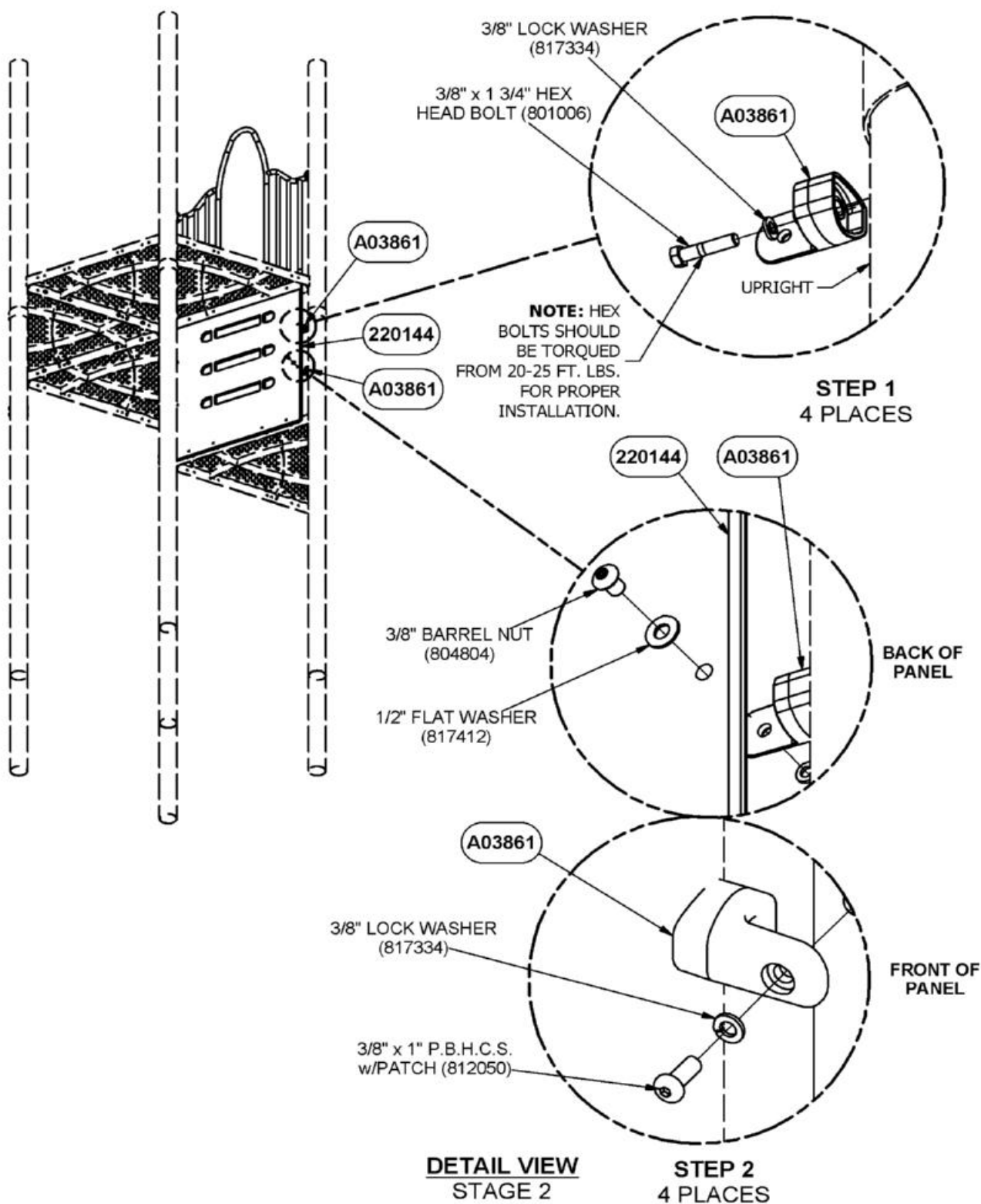
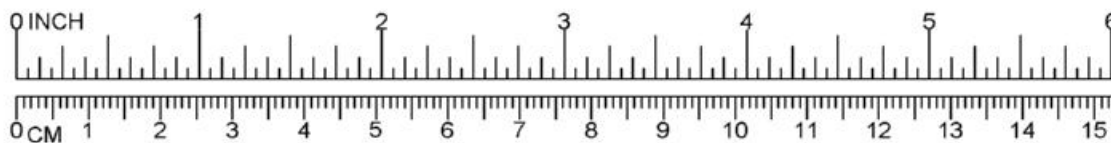


DETAIL VIEW
STAGE 1

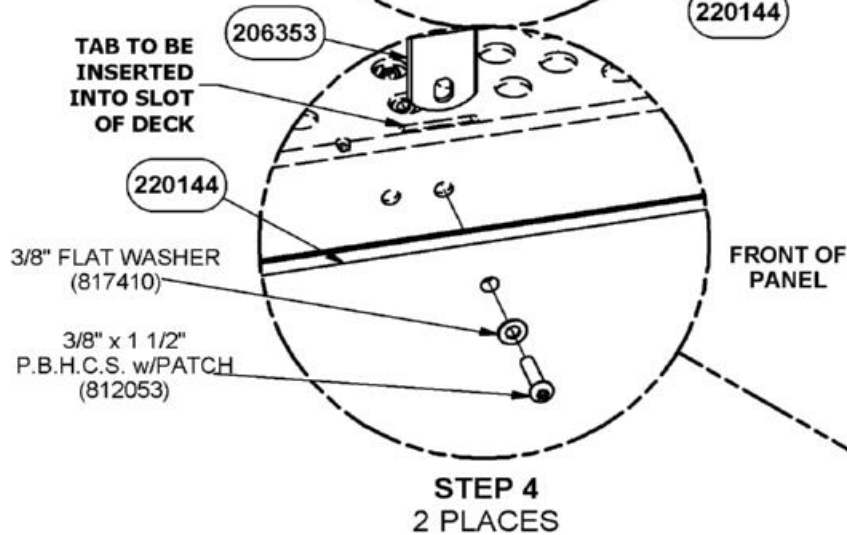
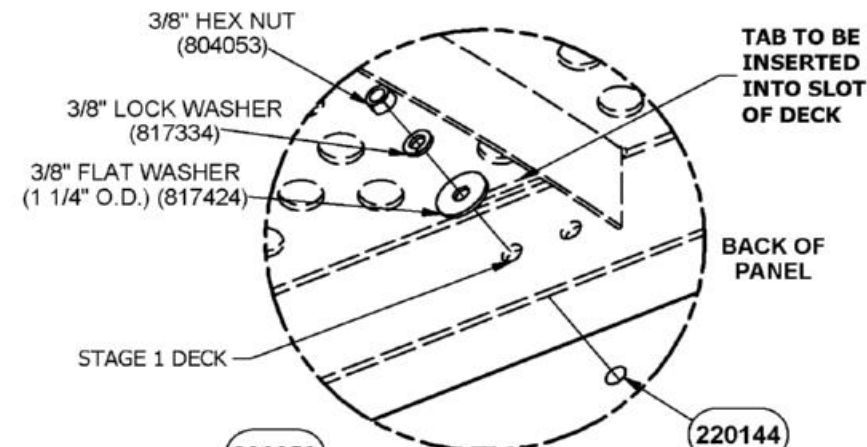
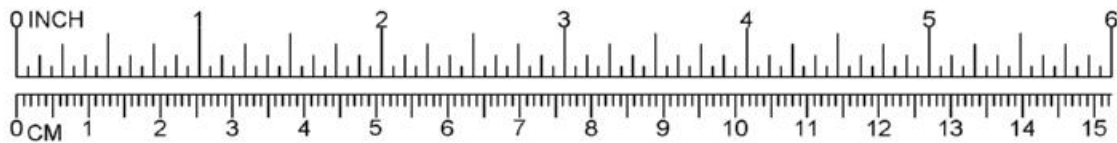
**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



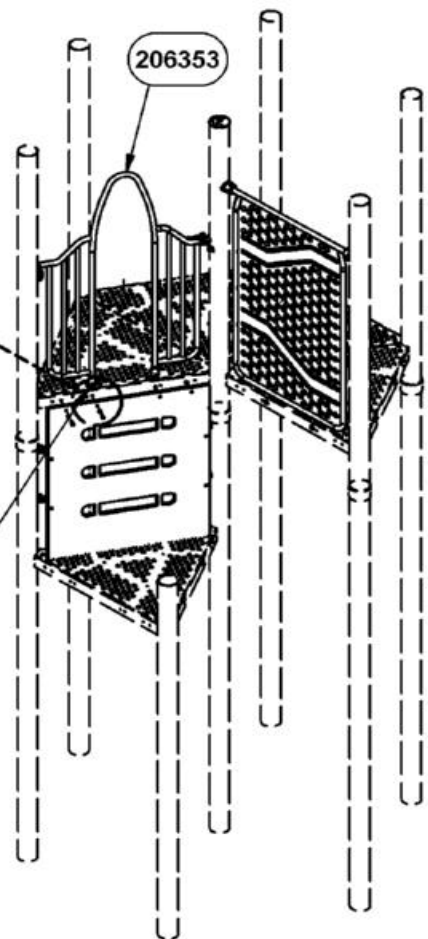
ASSEMBLY VIEW
STAGE 2



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

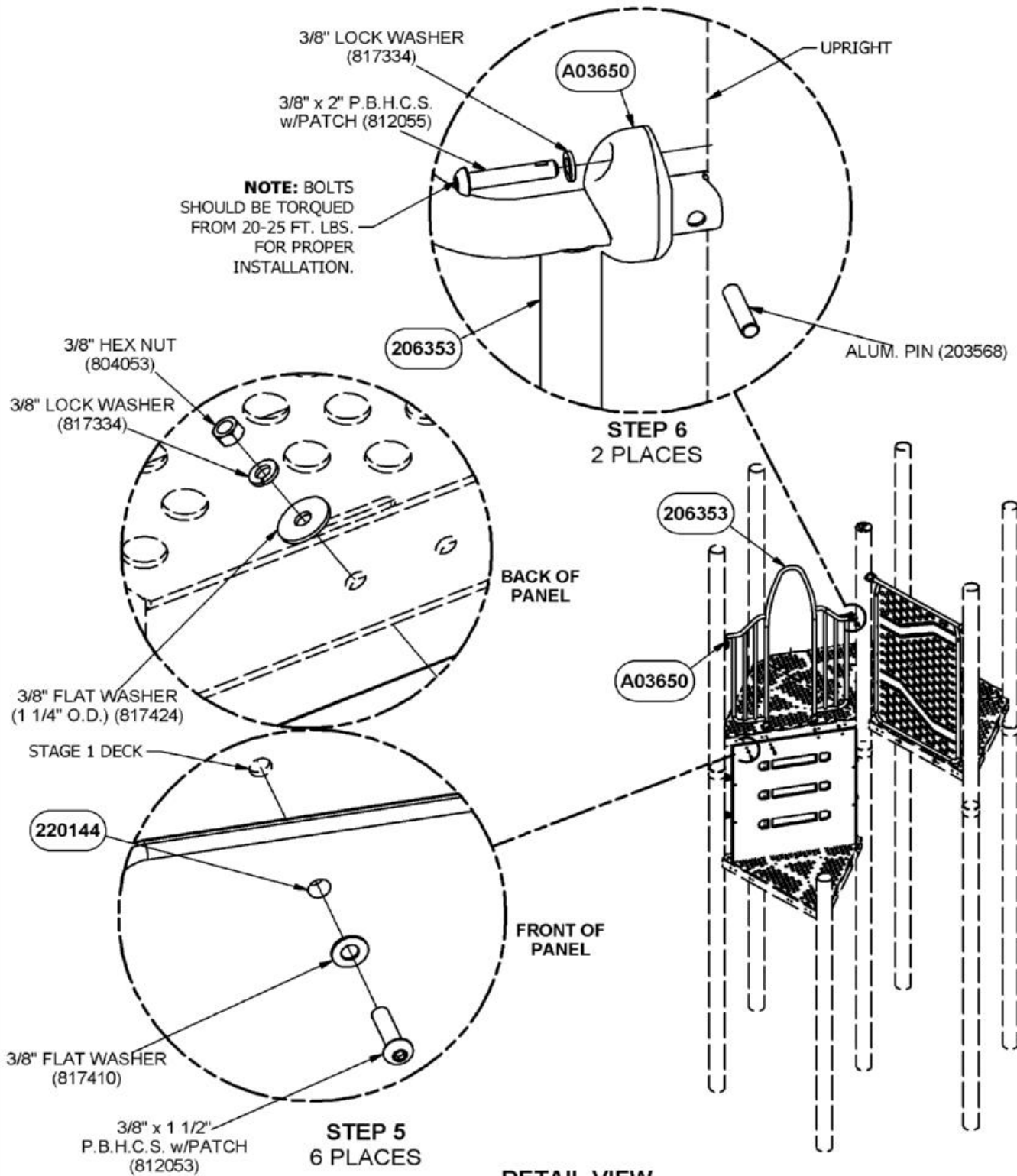
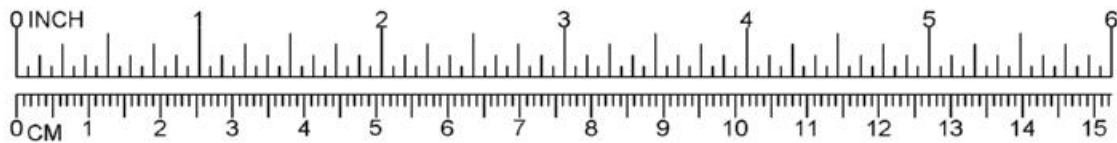


**STEP 3: INSERT TAB OF
ARCHWAY INTO
SLOT OF DECK**



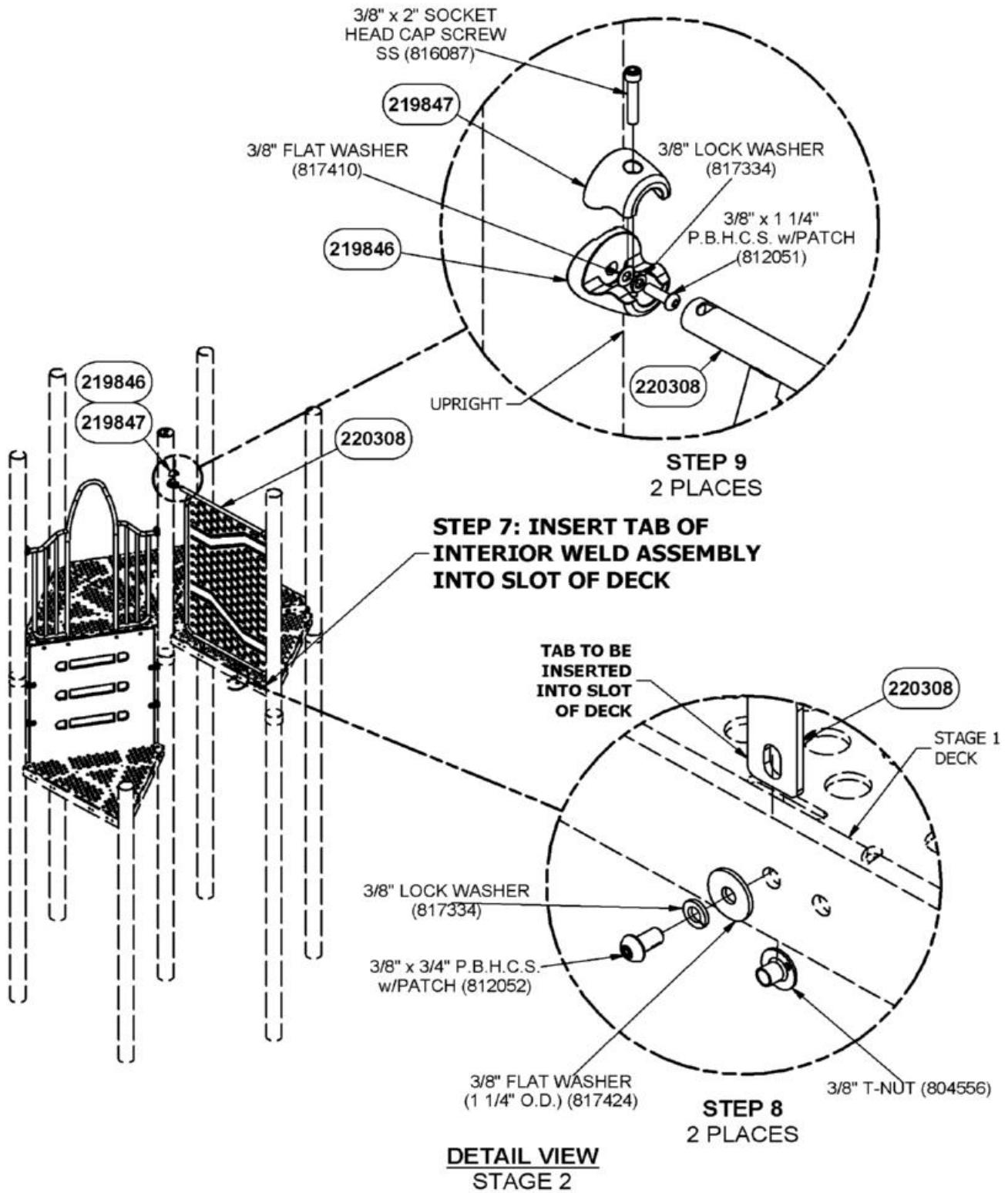
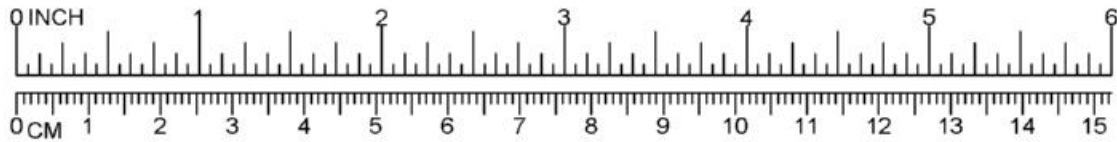
DETAIL VIEW
STAGE 2

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

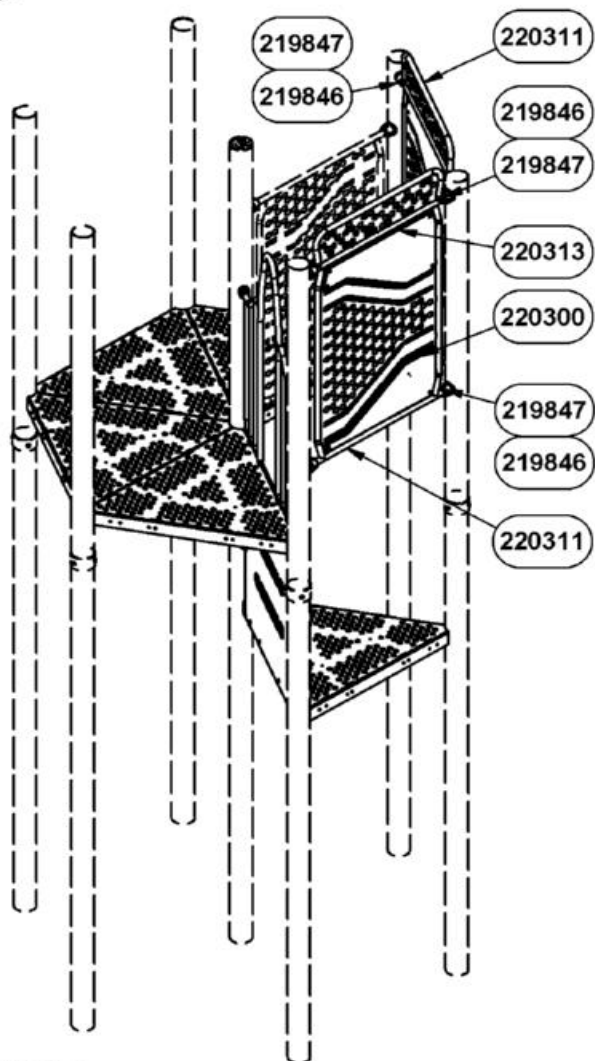
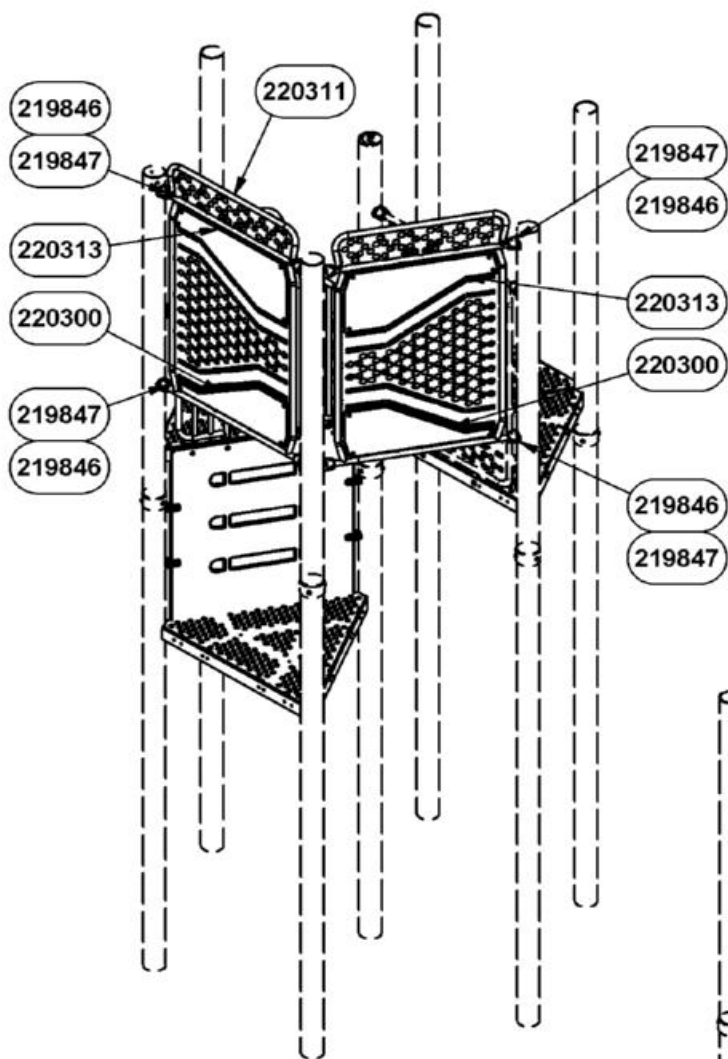


DETAIL VIEW
STAGE 2

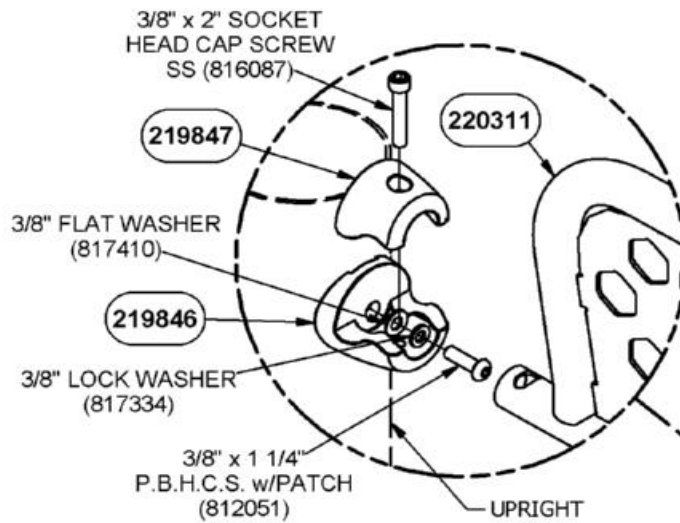
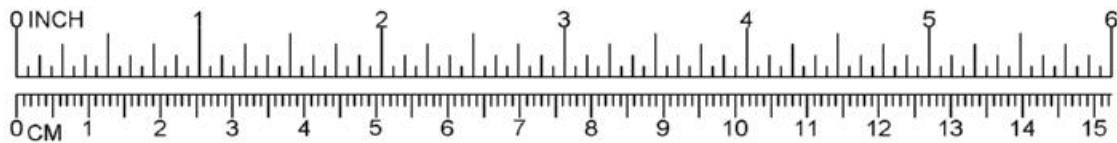
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

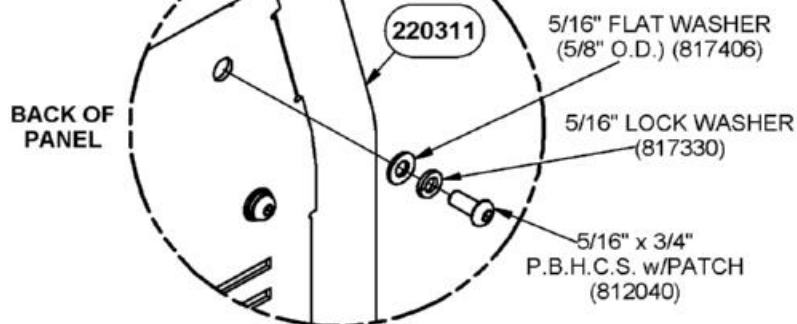
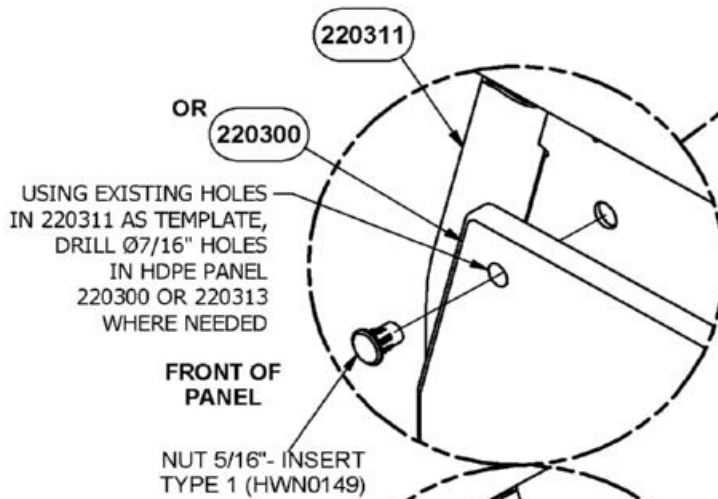


ASSEMBLY VIEW
STAGE 3



REFER TO STAGE 3
ASSEMBLY VIEW
FOR PROPER HDPE
PLACEMENT

STEP 1
8 PLACES



STEP 2
16 PLACES

DETAIL VIEW
STAGE 3

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

Parts List		
DESCRIPTION	QTY	PART NUMBER
ARCHWAY w/INFILL	1	206353
INTERIOR PANEL WELD ASSEMBLY	1	220308
TOWER PANEL WELD ASSEMBLY	2	220311
GROUND SUPPORT	6	165794
TRIANGLE DECK	5	163317
HDPE LADDER PANEL	1	220144
HDPE TOWER PANEL	2	220313
HDPE BOTTOM PANEL	2	220300
PIPE MOUNT BODY - 1"	10	219846
PIPE MOUNT CAP - 1"	10	219847
TRU-LOC	2	A03650
TRU-LOC PANEL ATTACHMENT	4	A03861
HARDWARE COMPLETE	1	6082HW
5/16" x 3/4" P.B.H.C.S. w/PATCH	16	812040*
5/16" FLAT WASHER (5/8" O.D.)	16	817406*
5/16" LOCK WASHER	16	817330*
NUT 5/16"- INSERT TYPE 1	16	HWN0149*
3/8" x 3/4" P.B.H.C.S. w/PATCH	14	812052*
3/8" x 1" P.B.H.C.S. w/PATCH	4	812050*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	22	812051*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	29	812053*
3/8" x 1 1/2" P.B.H.C.S.	30	810053*
3/8" x 1 3/4" HEX HEAD BOLT	4	801006*
3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
3/8" x 2" SOCKET HEAD CAP SCREW SS	10	816087*
3/8" FLAT WASHER (1 1/4" O.D.)	52	817424*
3/8" FLAT WASHER	39	817410*
3/8" LOCK WASHER	105	817334*
3/8" BARREL NUT	4	804804*
3/8" HEX NUT	8	804053*
3/8" T-NUT	14	804556*
1/2" FLAT WASHER	4	817412*
ALUM. PIN	2	203568*

Unless Otherwise Specified, All Units of Measure are Each
 * Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.



LANDMARK DESIGN

A PLAYCORE Company

1-800-235-2440

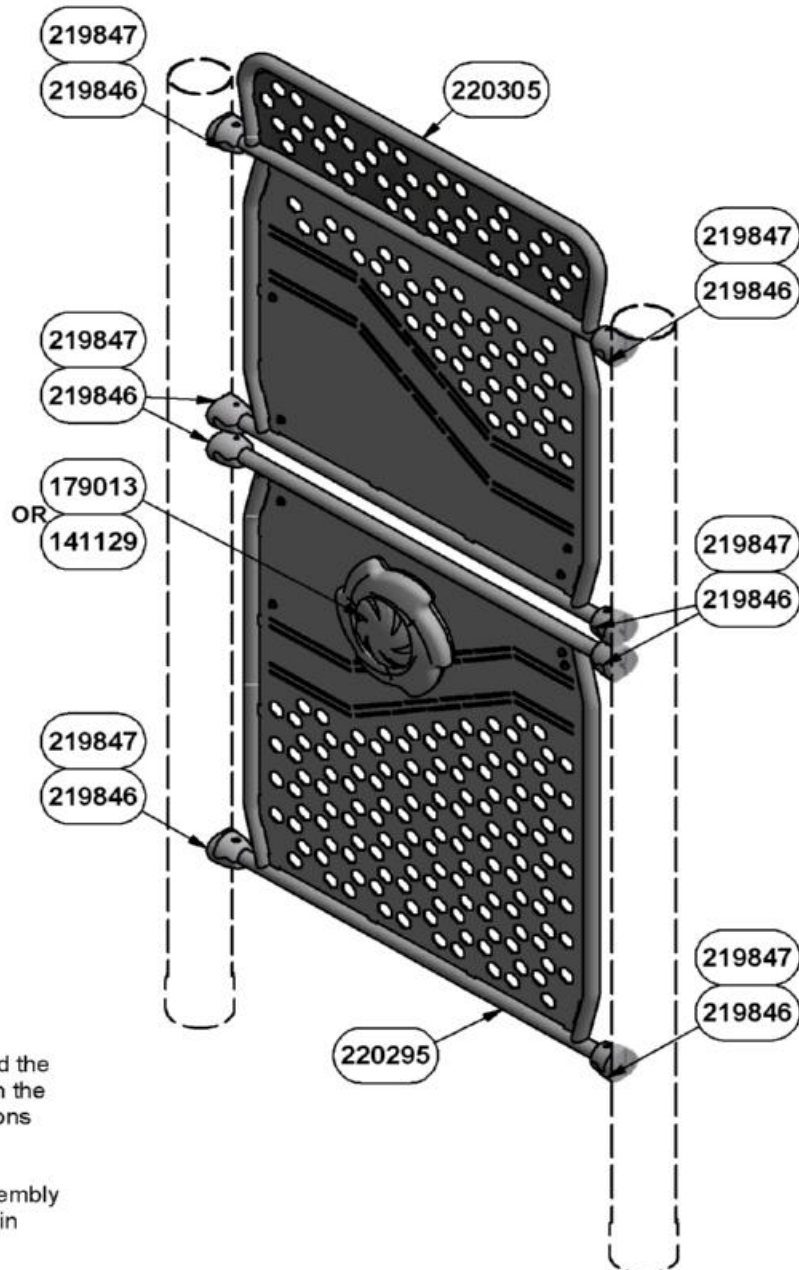
ISSUED/REVISED: 11/16/2020

6083RP

ALTUS MODERN TOWER THUNDER RING PANEL



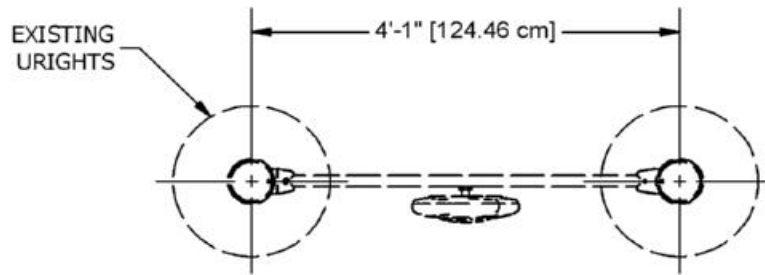
ALTUS MODERN TOWER STEERING WHEEL PANEL 6091RP



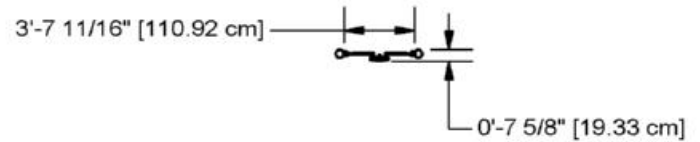
ASSEMBLY VIEW

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

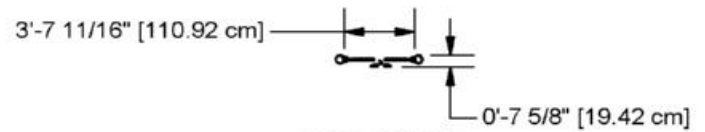


PLAN VIEW

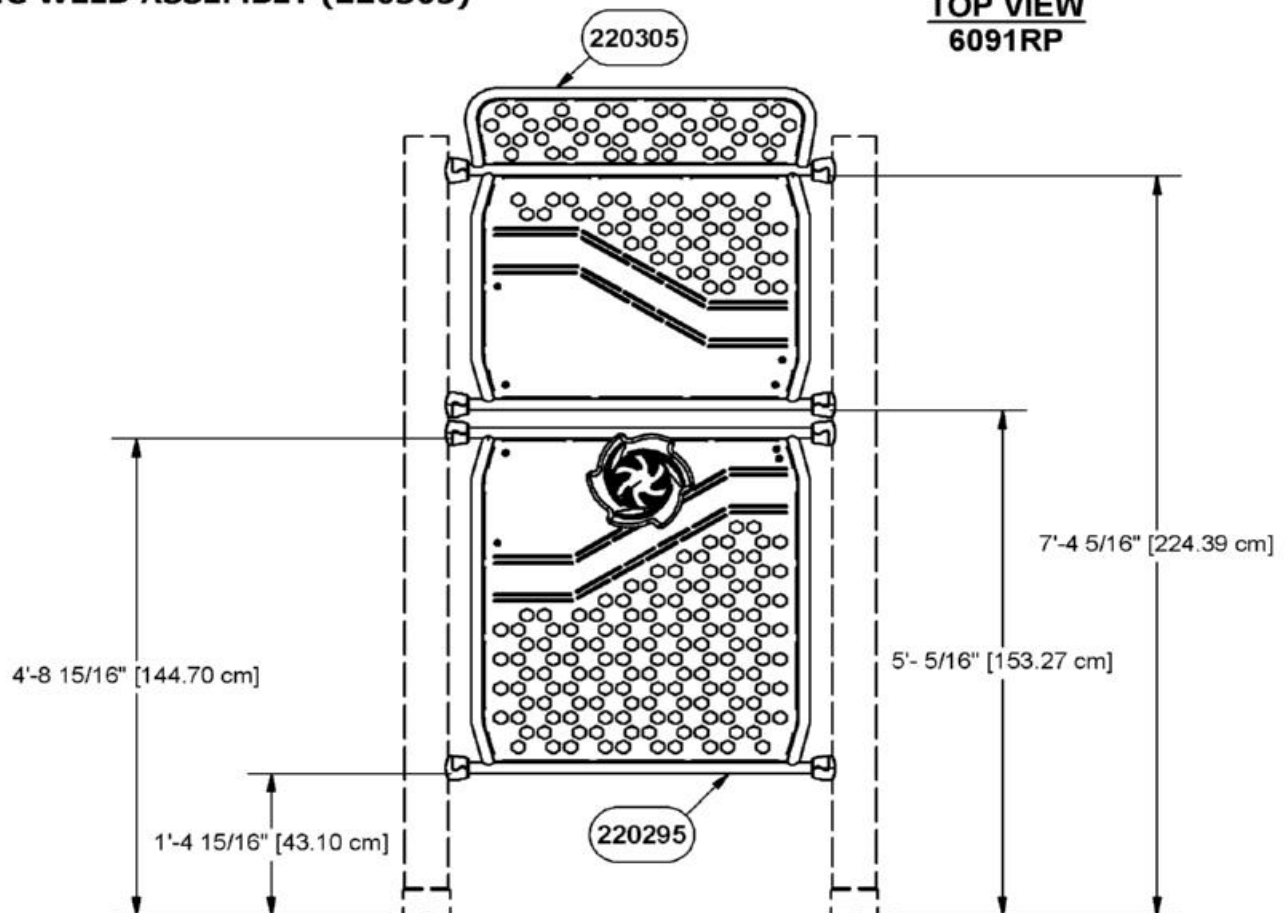


TOP VIEW
6083RP

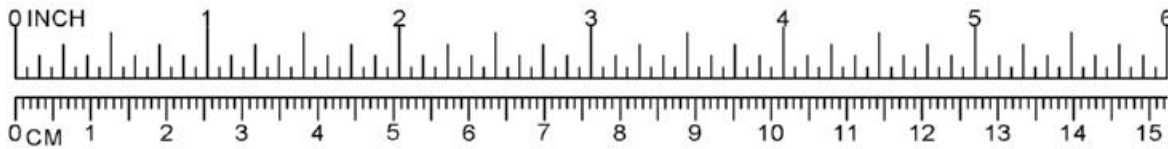
**NOTE: ATTACH ENCLOSURE
PANEL WELD ASSEMBLY (220295)
BEFORE ATTACHING TOP
RUNG WELD ASSEMBLY (220305)**



TOP VIEW
6091RP

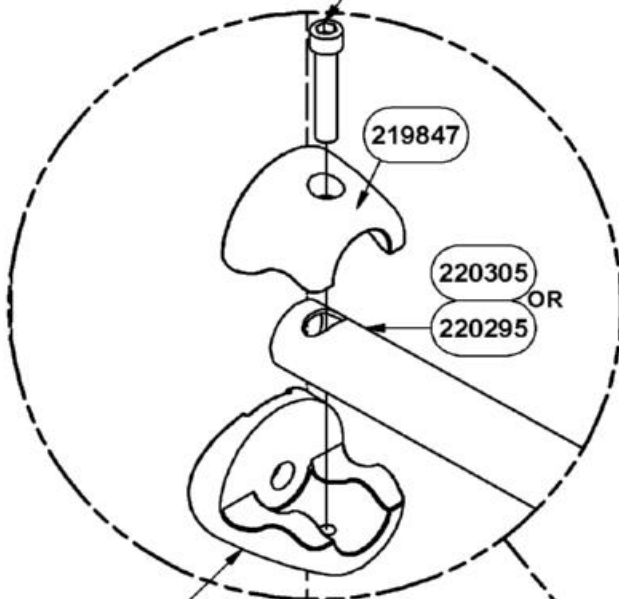


PLACEMENT VIEW

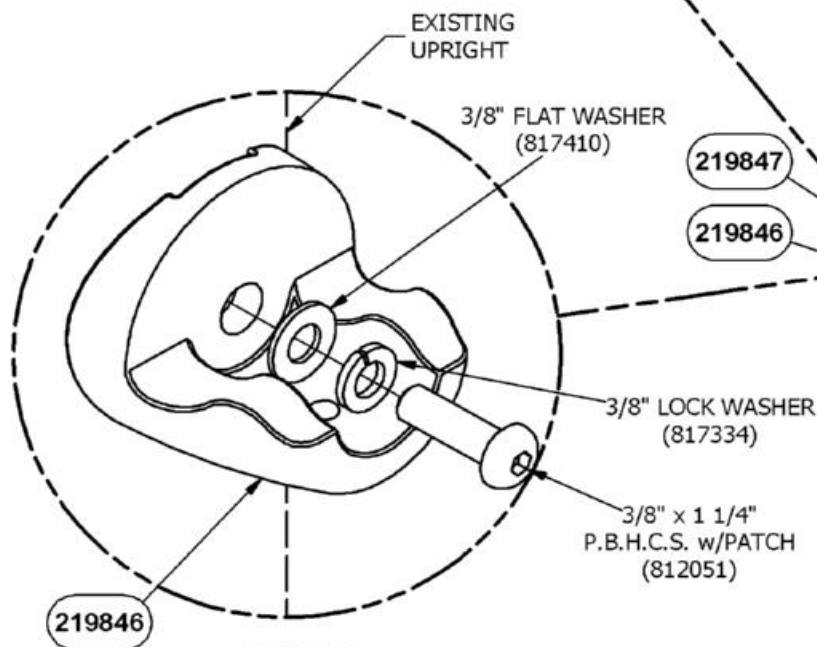


3/8" x 2" SOCKET
HEAD CAP SCREW SS
(816087)

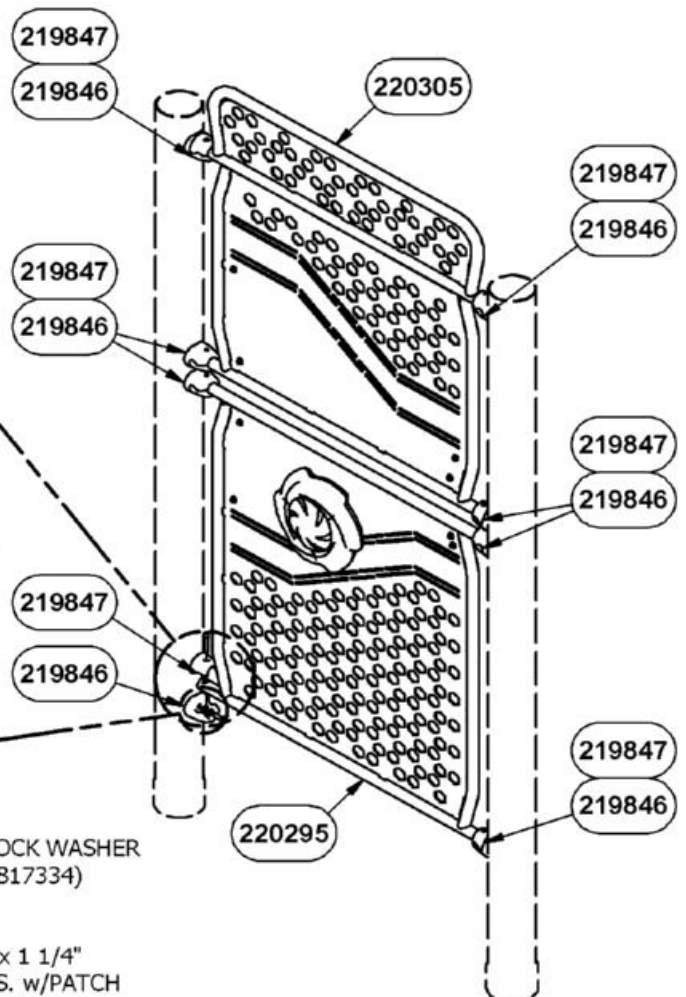
**NOTE: ATTACH ENCLOSURE
PANEL WELD ASSEMBLY (220295)
BEFORE ATTACHING TOP
RUNG WELD ASSEMBLY (220305)**



**STEP 2
8 PLACES**



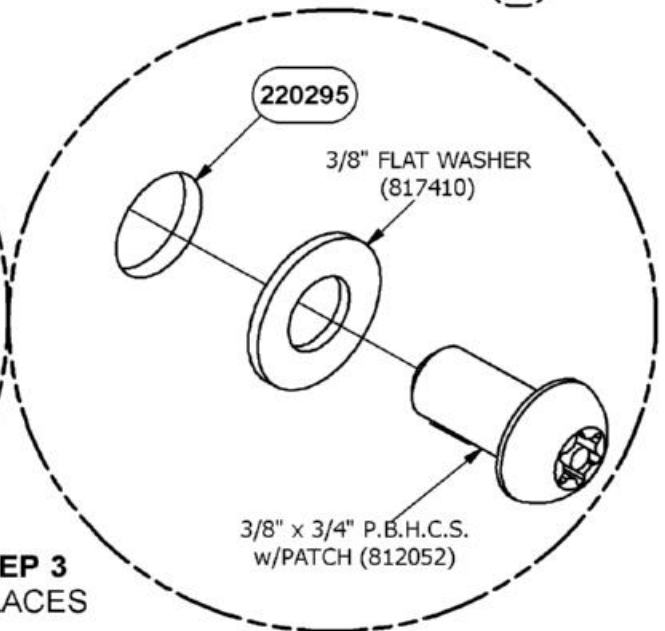
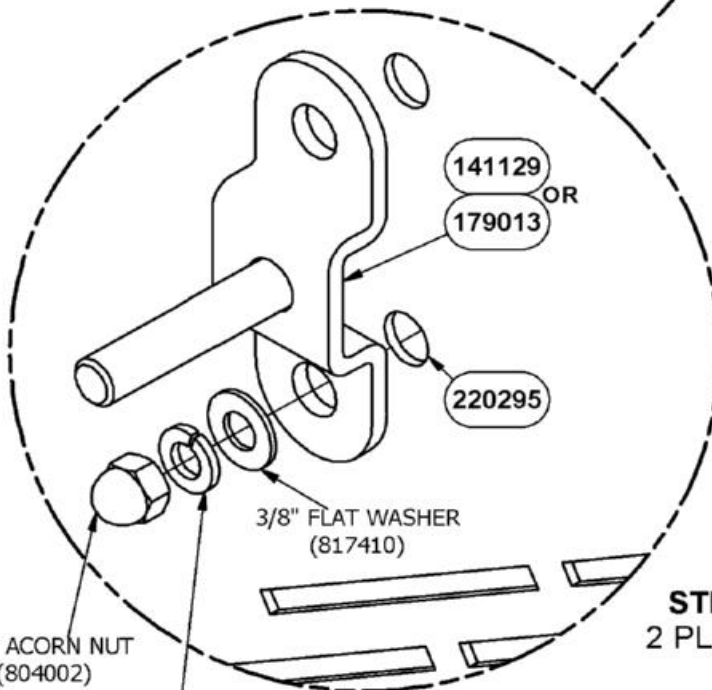
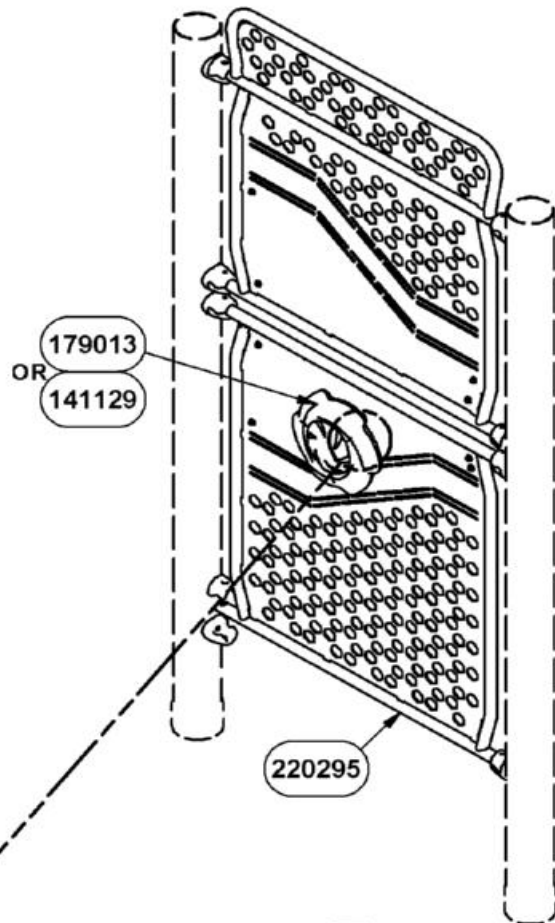
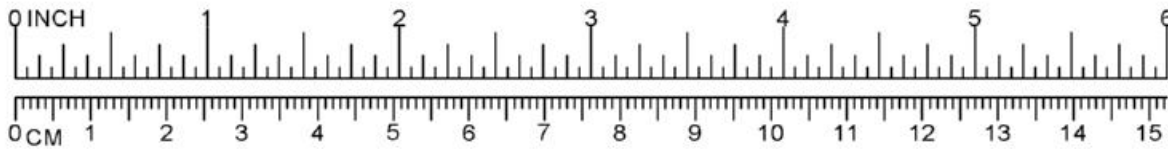
**STEP 1
8 PLACES**



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

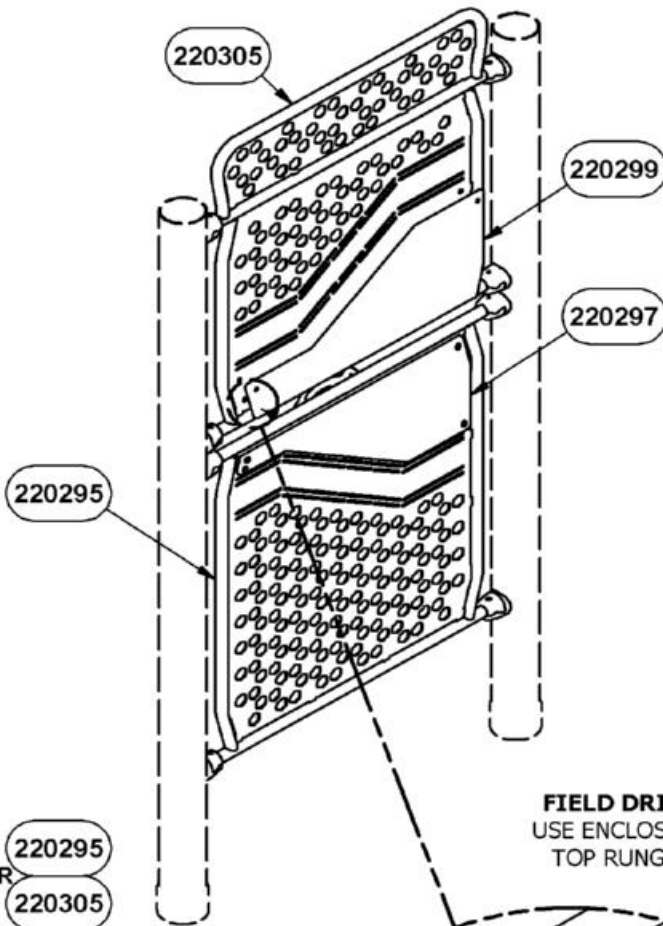
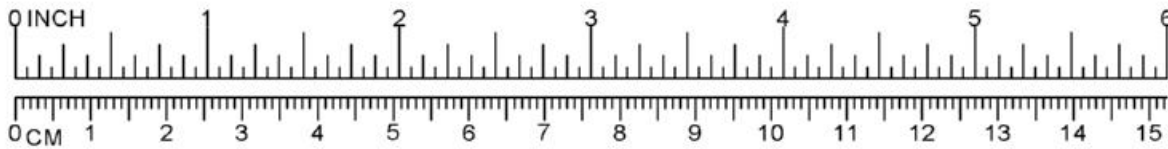
PAGE 3



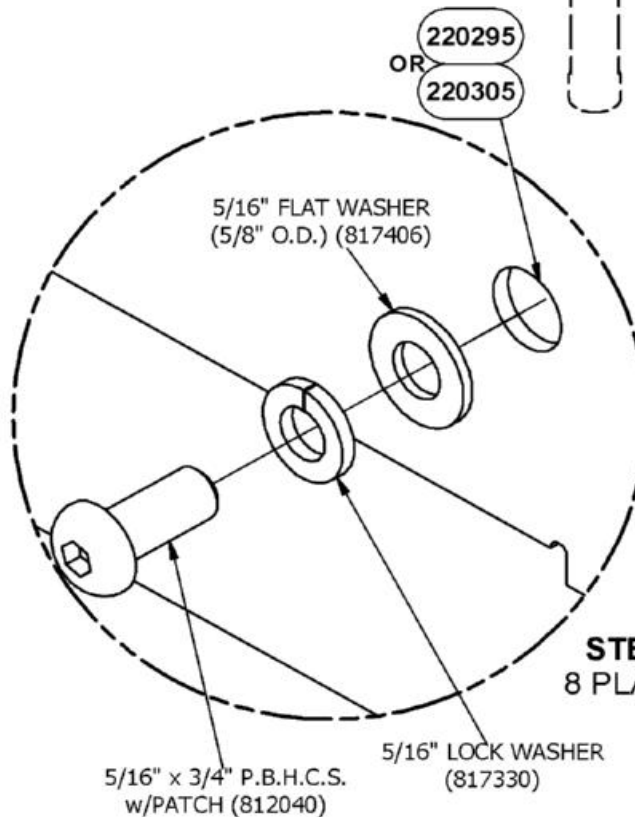
STEP 3
2 PLACES

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

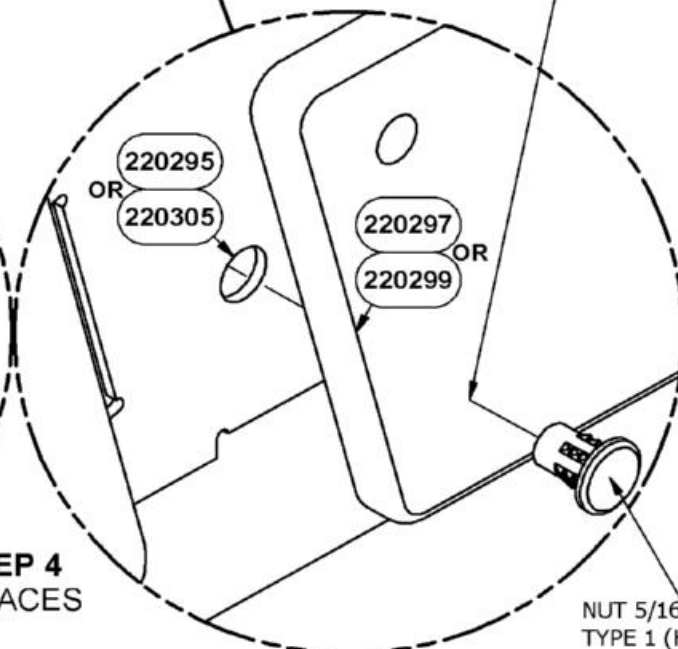
DETAIL VIEW



FIELD DRILL HOLE TO 7/16" DIAMETER
USE ENCLOSURE PANEL WELD ASSEMBLY AND
TOP RUNG WELD ASSEMBLY AS TEMPLATE



STEP 4
8 PLACES



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

Parts List			
DESCRIPTION	6083RP	6091RP	PART NUMBER
TOP RUNG WELD ASSEMBLY	1	1	220305
ENCLOSURE PANEL WELD ASSEMBLY	1	1	220295
HDPE ATTACHMENT PANEL	1	1	220297
HDPE TOP PANEL	1	1	220299
PIPE MOUNT BODY - 1"	8	8	219846
PIPE MOUNT CAP - 1"	8	8	219847
THUNDER RING	1	0	179013
STEERING WHEEL ASSEMBLY	0	1	141129
HARDWARE COMPLETE	1	1	6083HW
3/8" x 3/4" P.B.H.C.S. w/PATCH	2	2	812052*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	8	8	812051*
3/8" x 2" SOCKET HEAD CAP SCREW SS	8	8	816087*
3/8" FLAT WASHER	12	12	817410*
3/8" LOCK WASHER	10	10	817334*
3/8" ACORN NUT	2	2	804002*
5/16" x 3/4" P.B.H.C.S. w/PATCH	8	8	812040*
5/16" FLAT WASHER (5/8" O.D.)	8	8	817406*
5/16" LOCK WASHER	8	8	817330*
NUT 5/16"- INSERT TYPE 1	8	8	HWN0149*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.



LANDMARK DESIGN

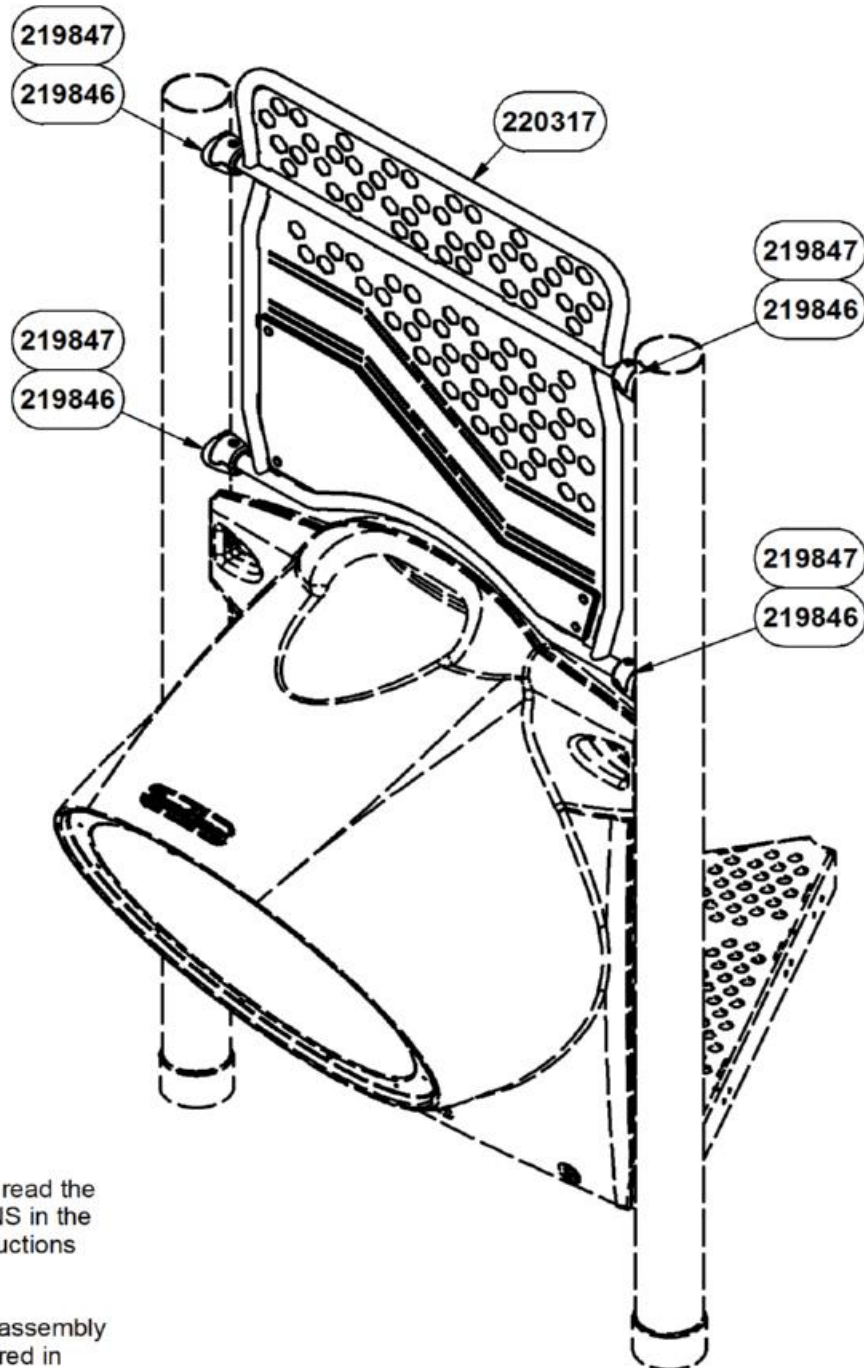
A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 11/16/2020

6090RP

ATLUS MODERN TOWER SLIDE PANEL



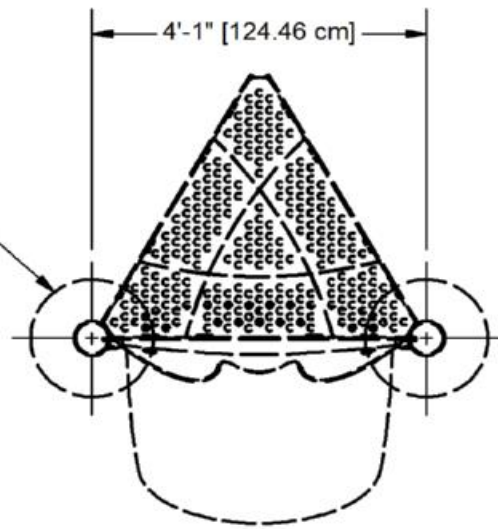
ASSEMBLY VIEW

INSTALLATION INSTRUCTIONS

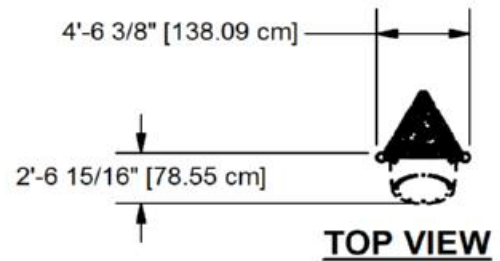
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

This document contains proprietary information, and is not to be reproduced without written permission from GameTime and is not to be used in any manner detrimental to the interests of GameTime

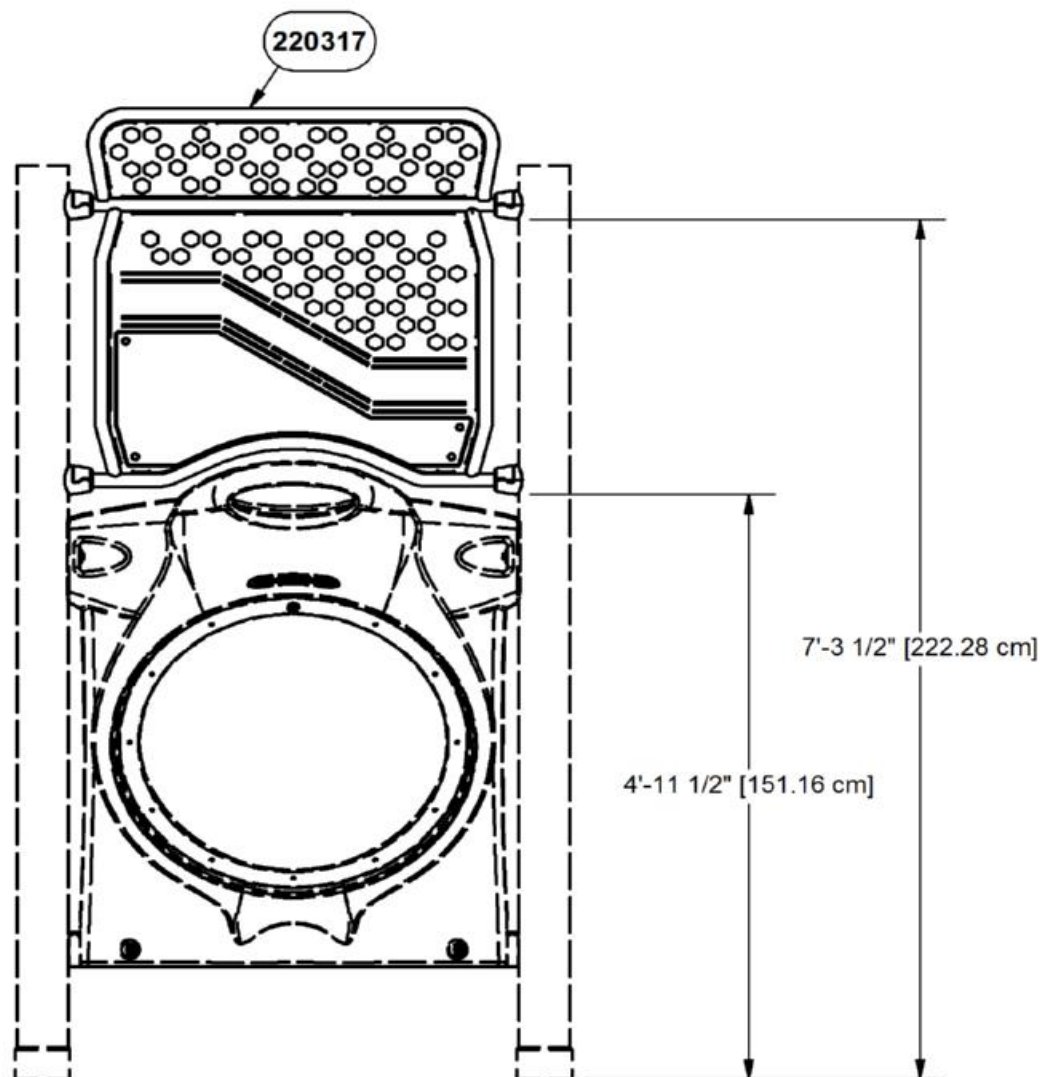
EXISTING
UPRIGHTS



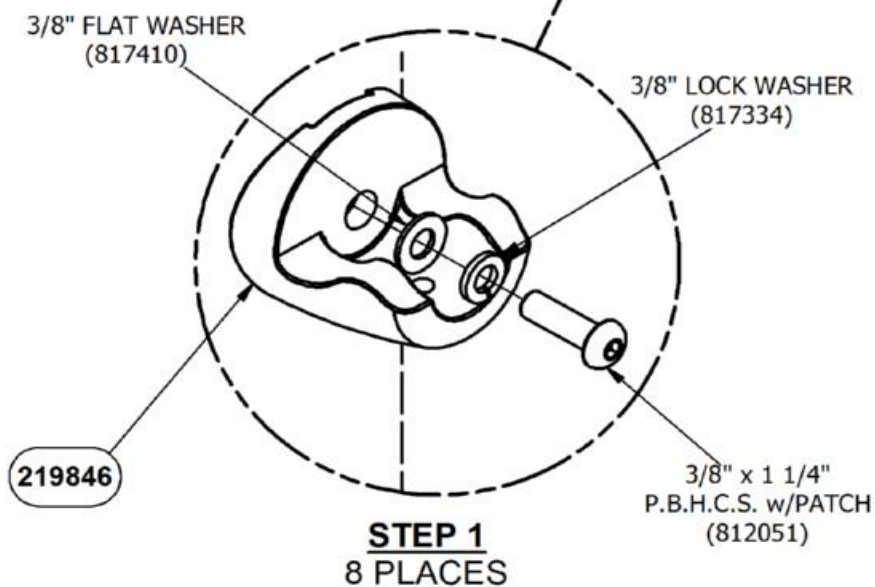
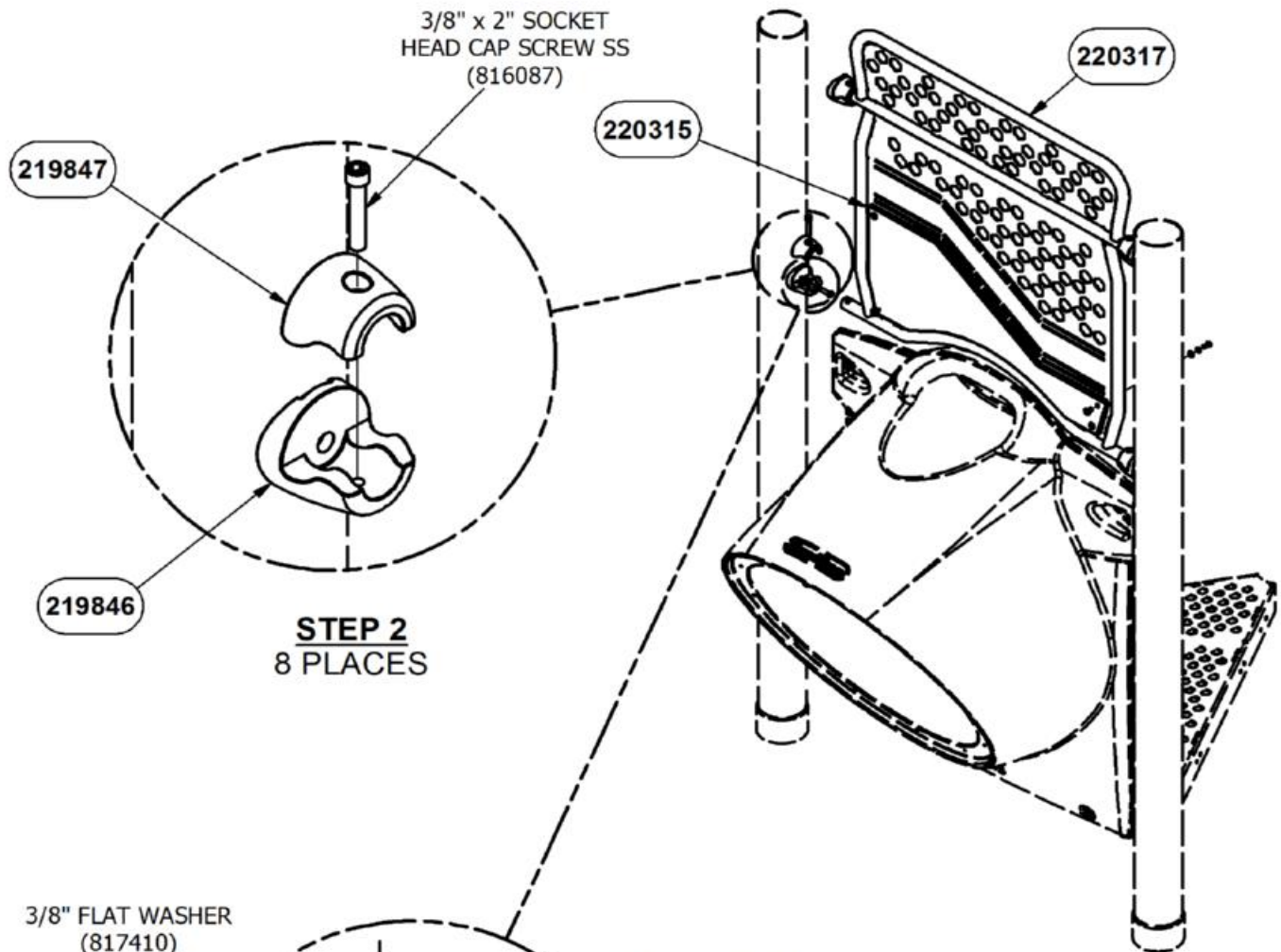
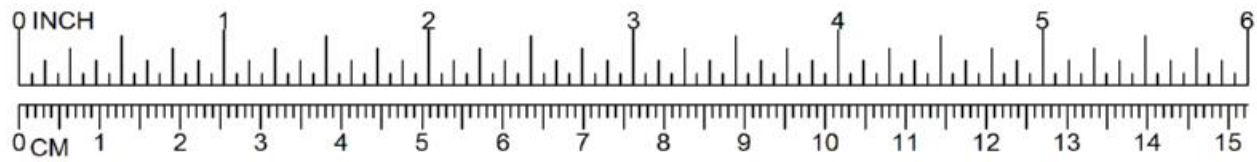
PLAN VIEW



TOP VIEW



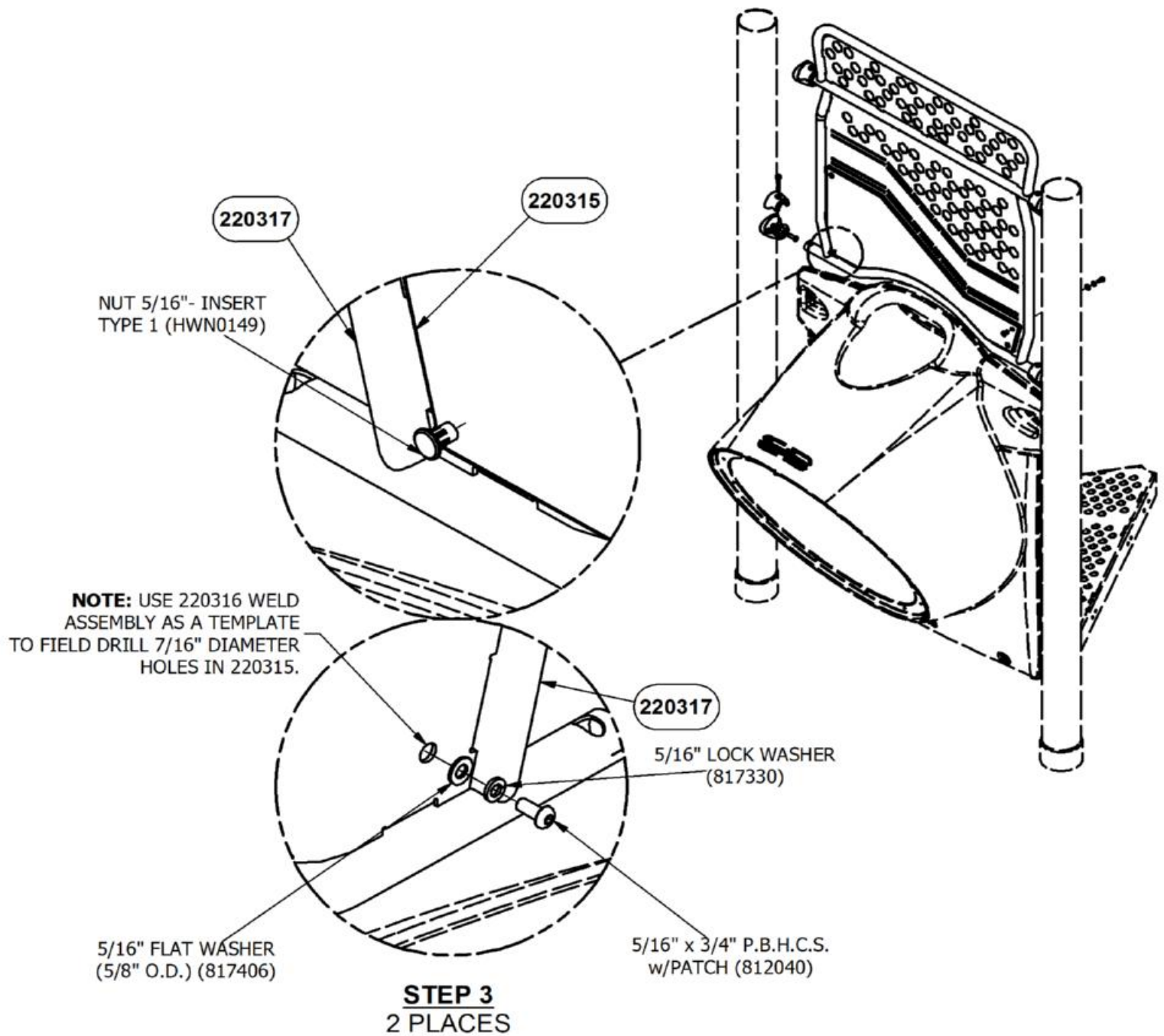
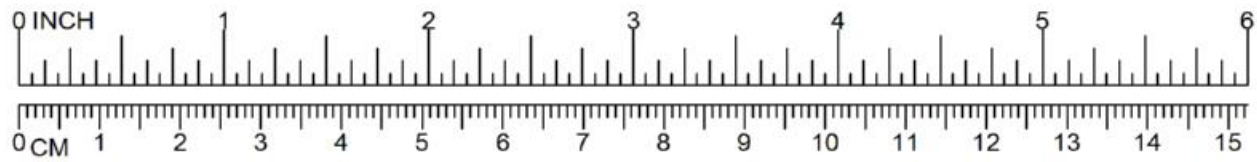
PLACEMENT VIEW



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

PAGE 3

DETAIL VIEW



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
SLIDE RUNG WELD ASSEMBLY	1	220317
HDPE SLIDE PANEL	1	220315
PIPE MOUNT BODY - 1"	4	219846
PIPE MOUNT CAP - 1"	4	219847
HARDWARE COMPLETE	1	6090HW
5/16" x 3/4" P.B.H.C.S. w/PATCH	4	812040*
5/16" FLAT WASHER (5/8" O.D.)	4	817406*
5/16" LOCK WASHER	4	817330*
NUT 5/16"- INSERT TYPE 1	4	HWN0149*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	4	812051*
3/8" x 2" SOCKET HEAD CAP SCREW SS	4	816087*
3/8" FLAT WASHER	4	817410*
3/8" LOCK WASHER	4	817334*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.



LANDMARK DESIGN

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 8/30/2021

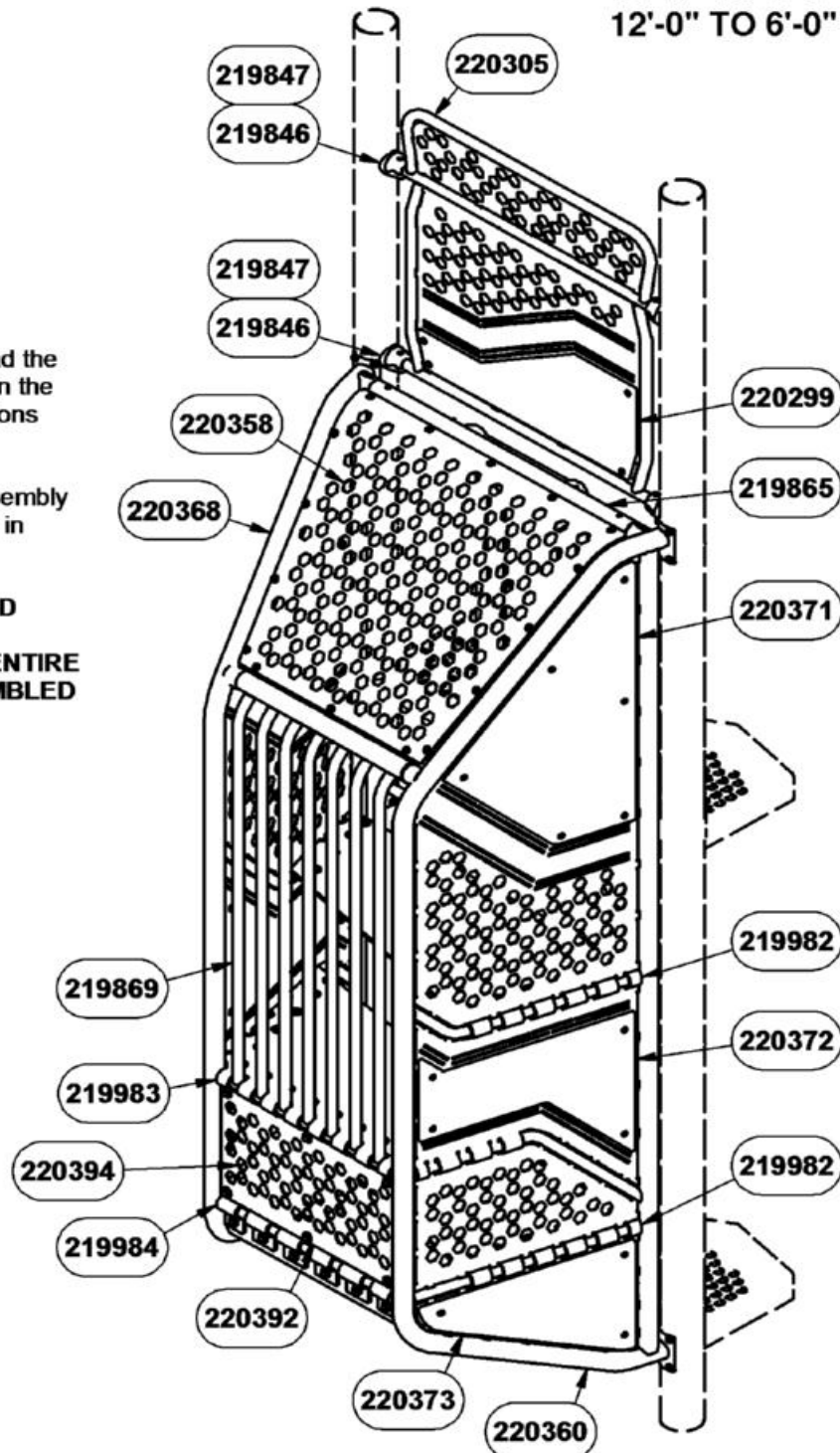
6106RP ALTUS TOWER MODERN OVERLOOK CLIMBER



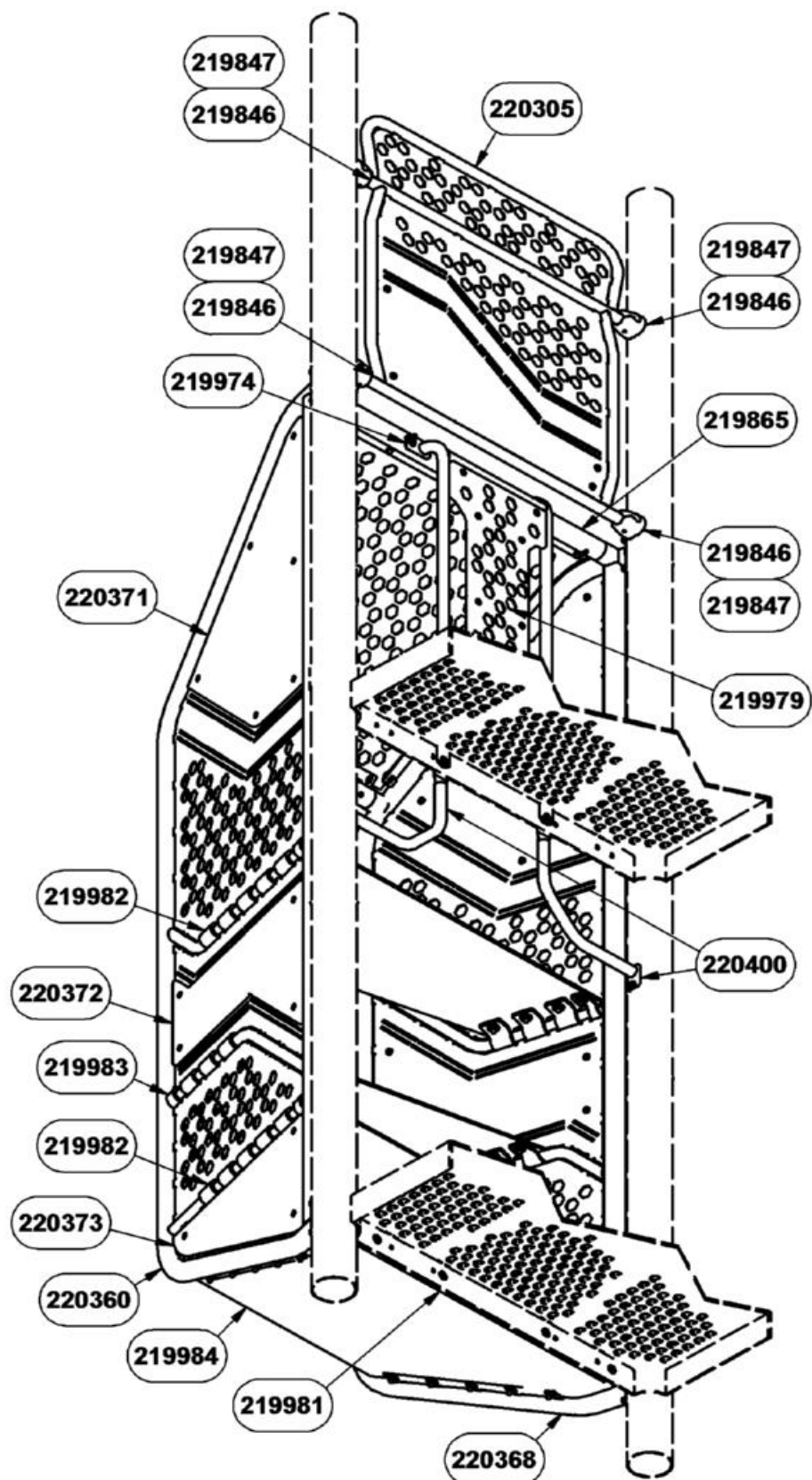
INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

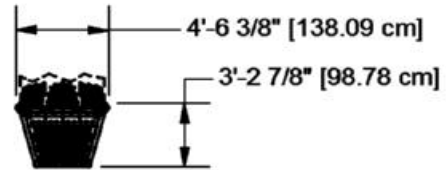
10'-0" TO 4'-0" DESCENT
12'-0" TO 6'-0" DESCENT



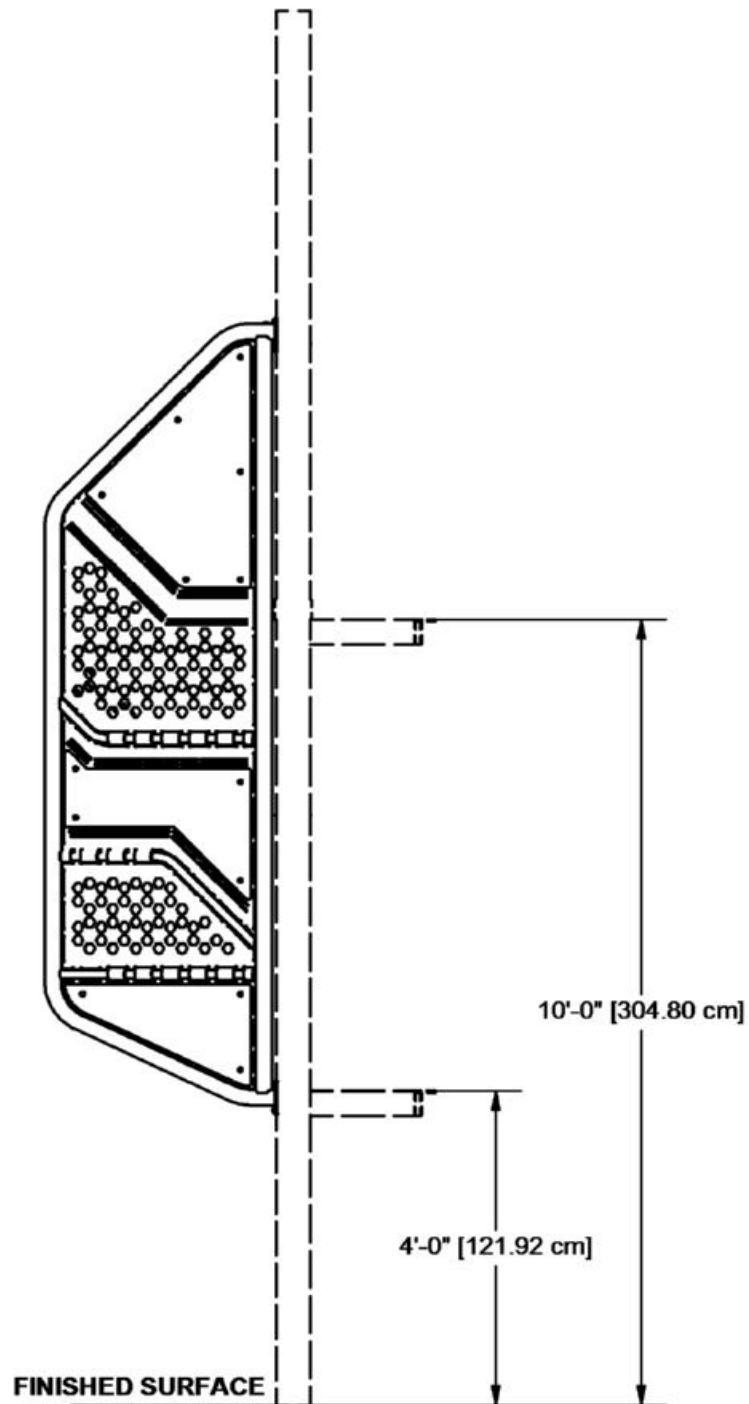
ASSEMBLY VIEW



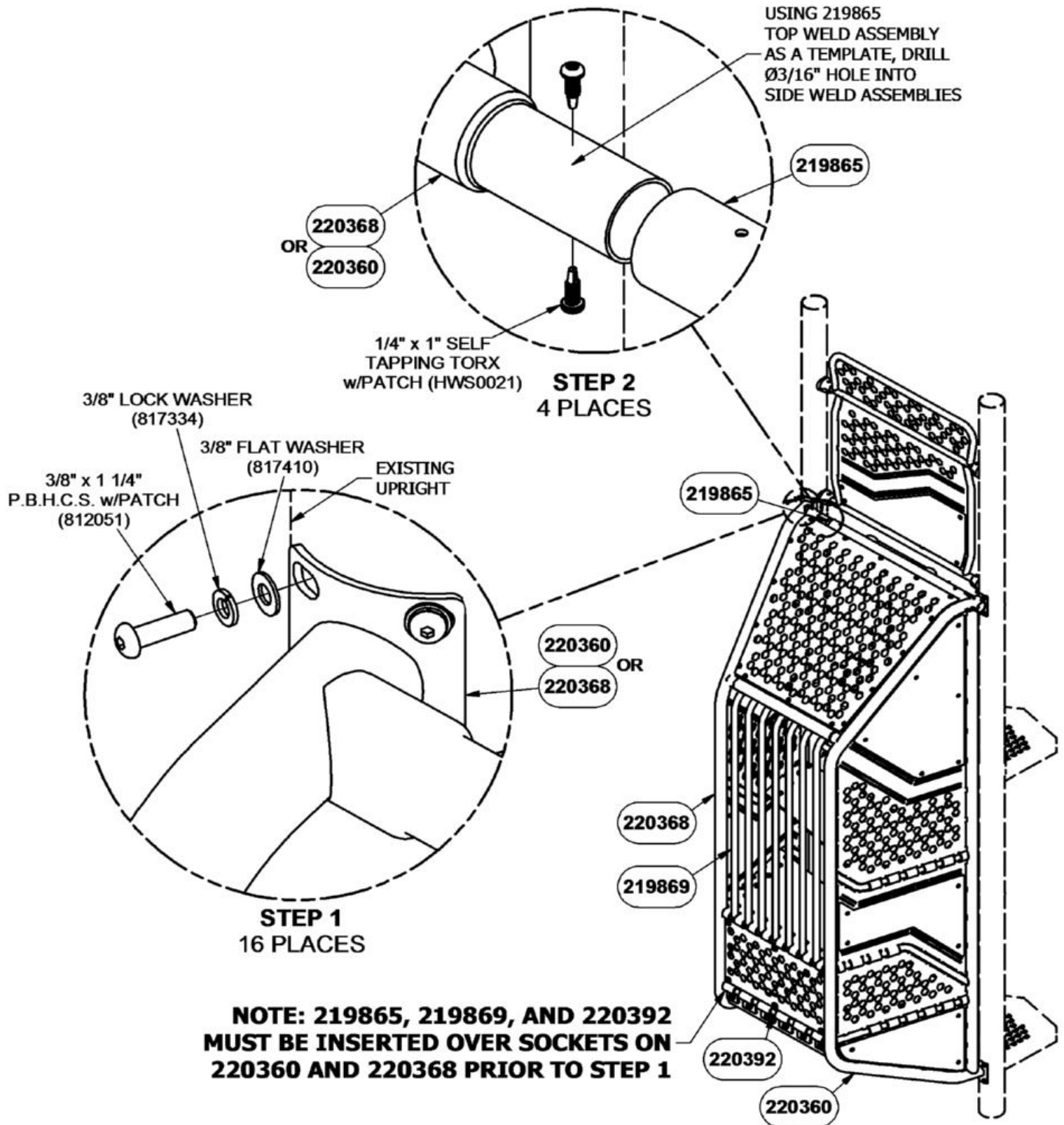
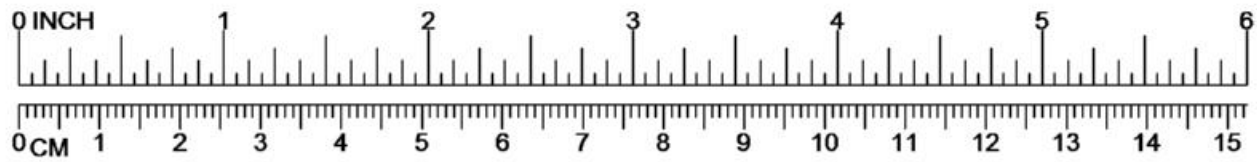
ASSEMBLY VIEW
RUBBER MATTING AND HDPE
PLACEMENT



TOP VIEW

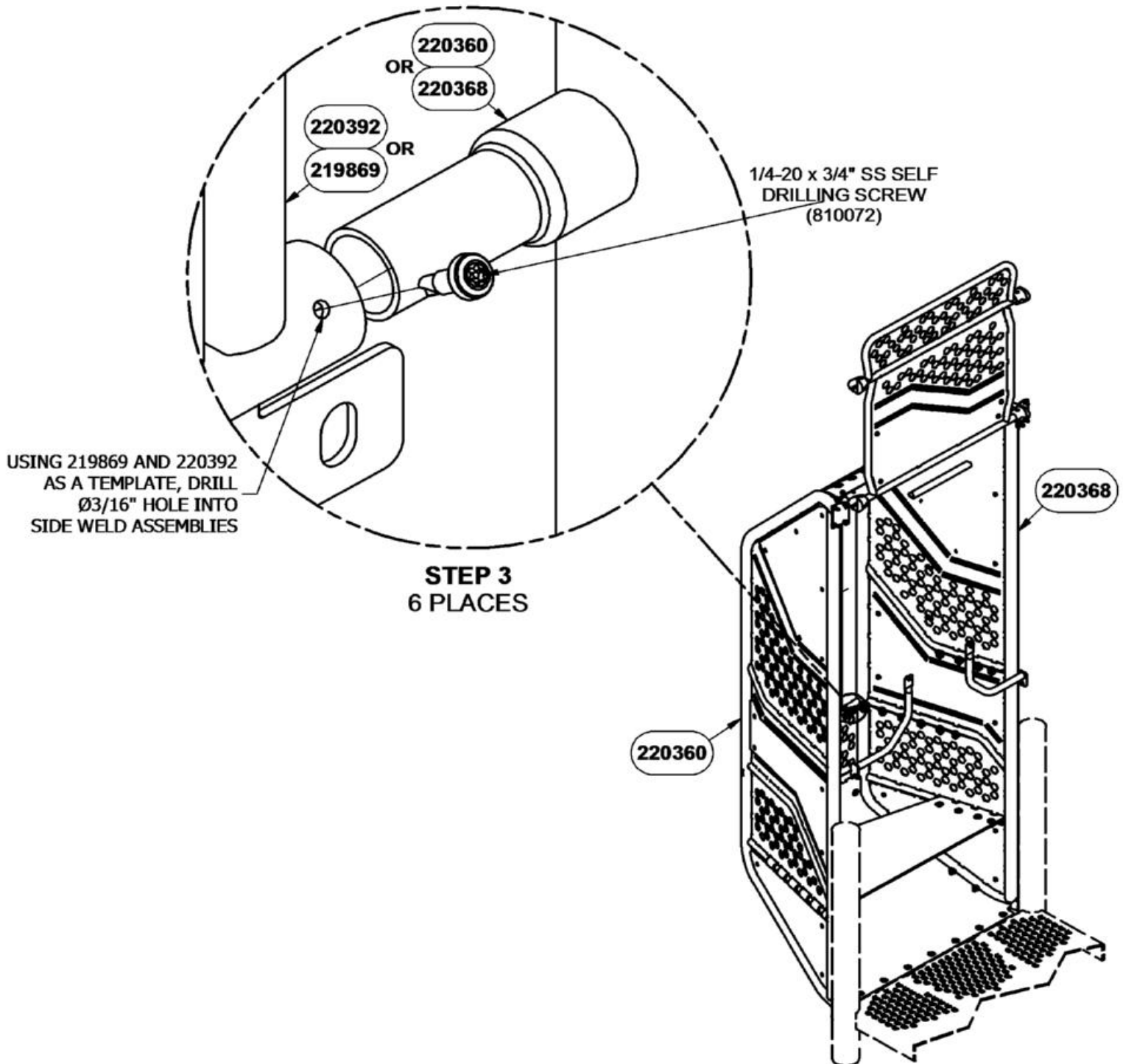
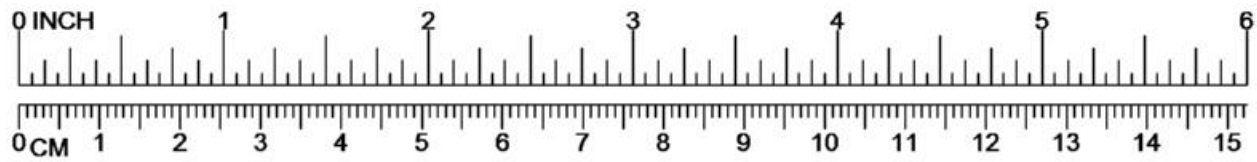


ELEVATION VIEW
10'-0" TO 4'-0" DESCENT SHOWN
OTHER DECK HEIGHTS
SIMILAR



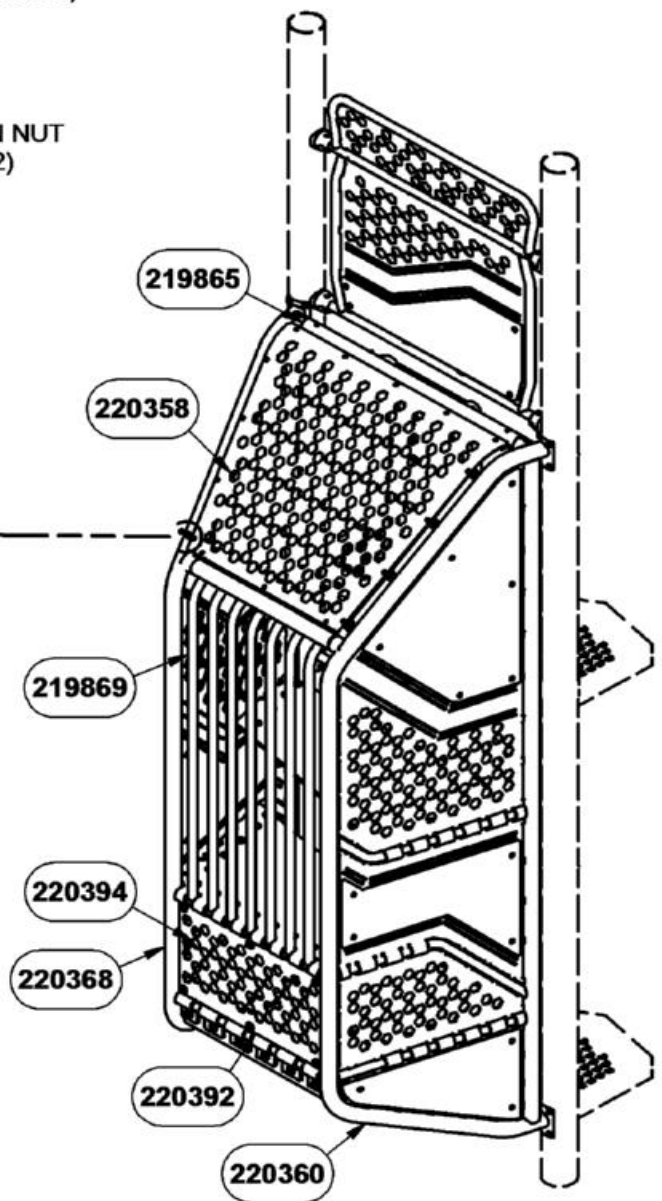
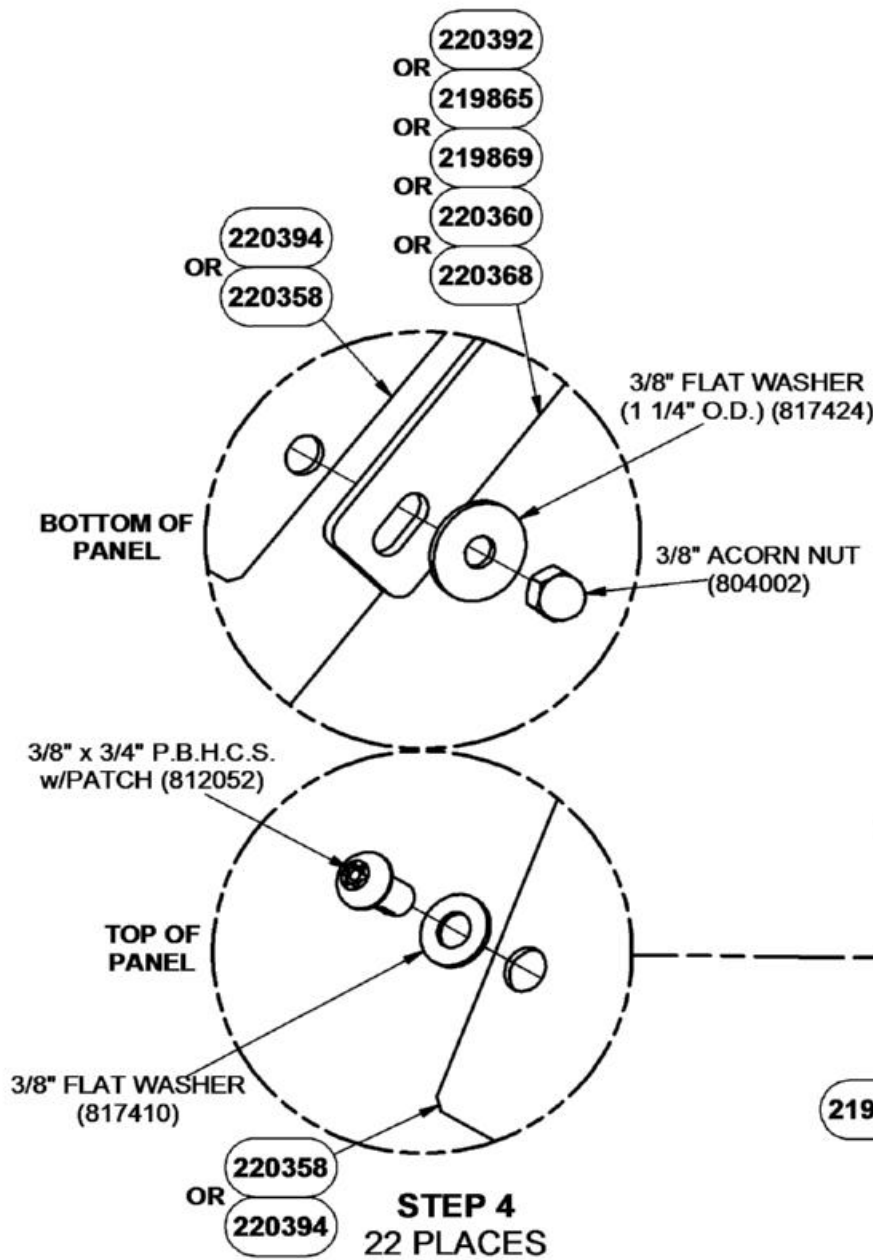
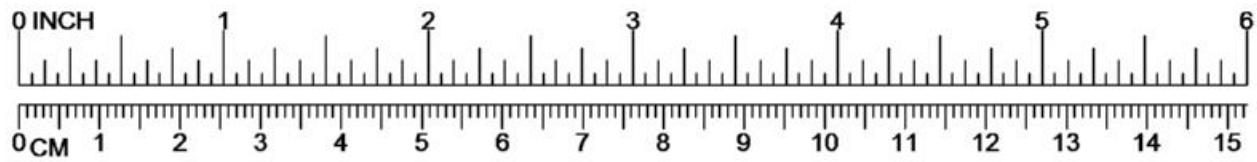
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



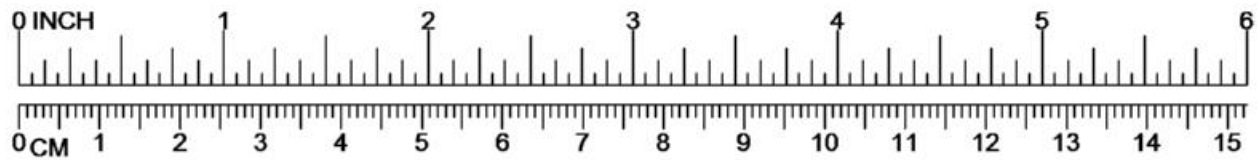
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW



**CAUTION: WHILE INSTALLING HWN0149
USE HAND TOOLS ONLY.
DO NOT USE AN IMPACT DRIVER.
DOING SO COULD DAMAGE THE PART.**

NUT 5/16"- INSERT
TYPE 1 (HWN0149)

5/16" FLAT WASHER
(5/8" O.D.) (817406)

5/16" LOCK WASHER
(817330)

5/16" x 3/4"
P.B.H.C.S. w/PATCH
(812040)

220360
OR
220368

220371
OR
220372
OR
220373

**STEP 5
12 PLACES**

**CAUTION: WHILE INSTALLING HWN0149
USE HAND TOOLS ONLY.
DO NOT USE AN IMPACT DRIVER.
DOING SO COULD DAMAGE THE PART.**

Ø7/16" HOLES IN
HDPE PANELS
WILL NEED TO BE
FIELD DRILLED.
USE 220360
AND 220368
AS A TEMPLATE.

5/16" FLAT WASHER
(5/8" O.D.) (817406)

5/16" LOCK WASHER
(817330)

5/16" x 3/4"
P.B.H.C.S. w/PATCH
(812040)

220371

220372

NUT 5/16"- INSERT
TYPE 1 (HWN0149)

220373
OR
220372
OR
220371

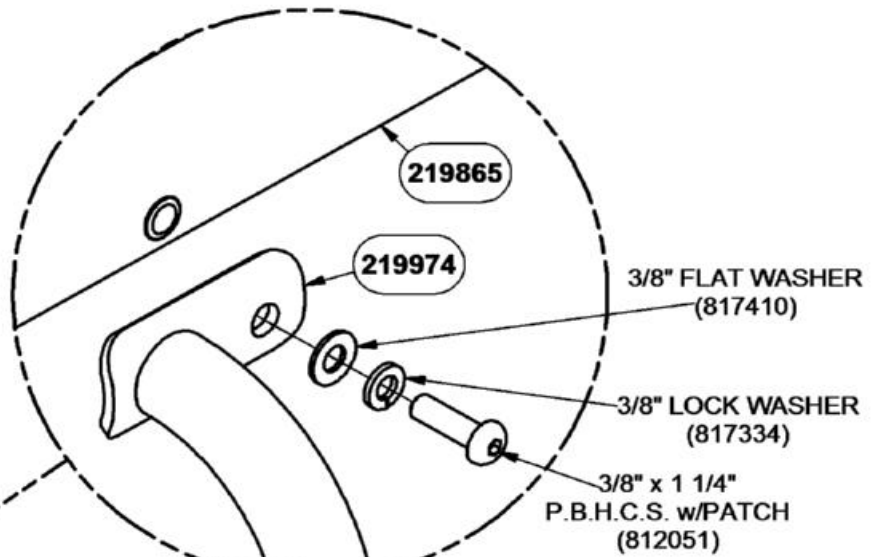
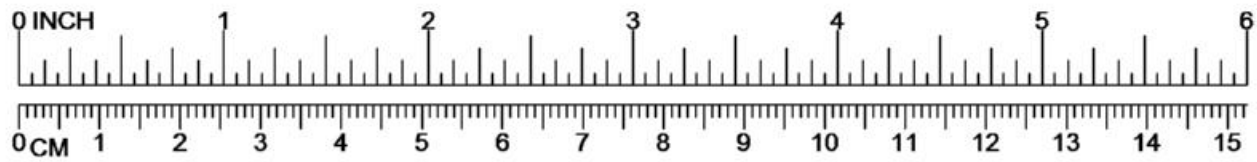
**STEP 6
14 PLACES**

220360
OR
220368

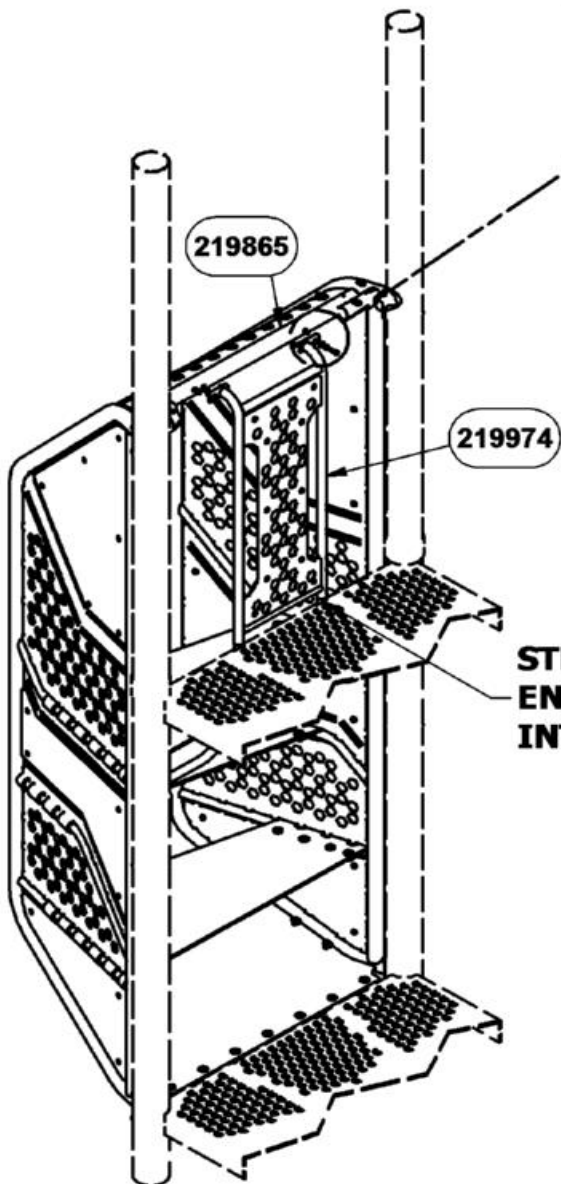
220373

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW



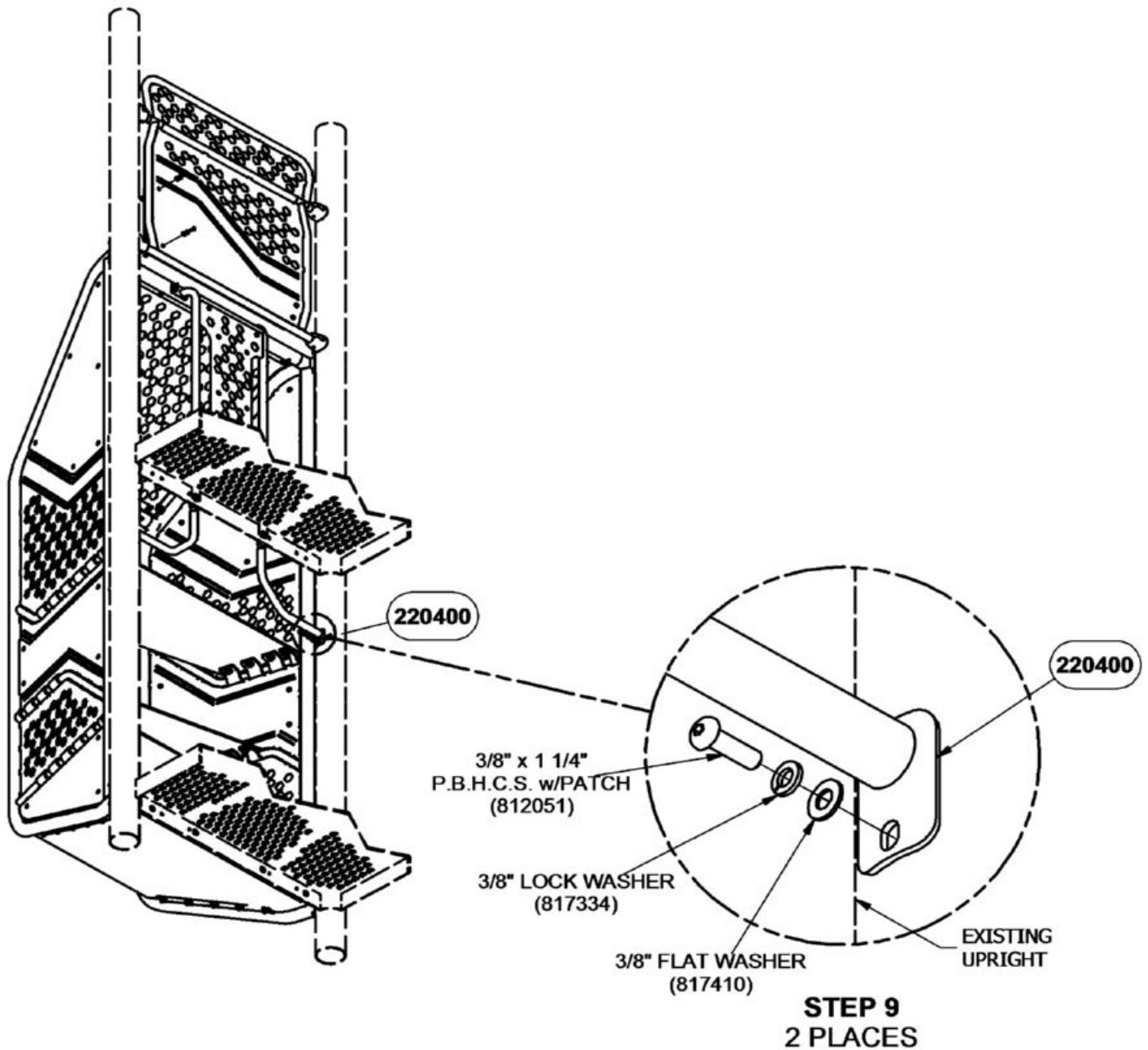
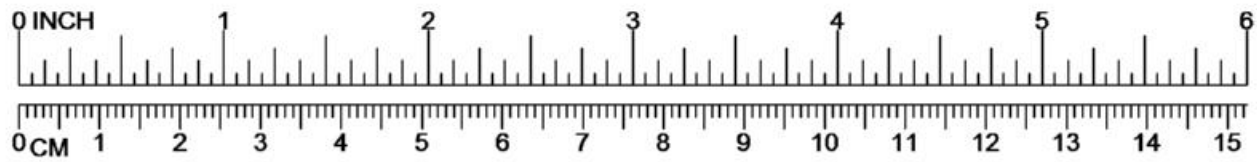
STEP 8
2 PLACES



**STEP 7: INSERT TABS OF
ENTRY WELD ASSEMBLY
INTO SLOT OF DECK**

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

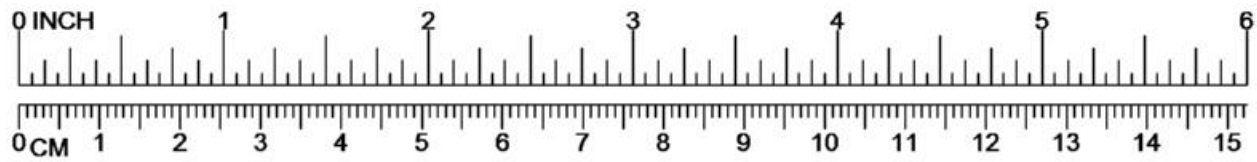
DETAIL VIEW



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

PAGE 9



**CAUTION: WHILE INSTALLING HWN0149
USE HAND TOOLS ONLY.
DO NOT USE AN IMPACT DRIVER.
DOING SO COULD DAMAGE THE PART.**

5/16" FLAT WASHER
(5/8" O.D.) (817406)

5/16" LOCK WASHER
(817330)

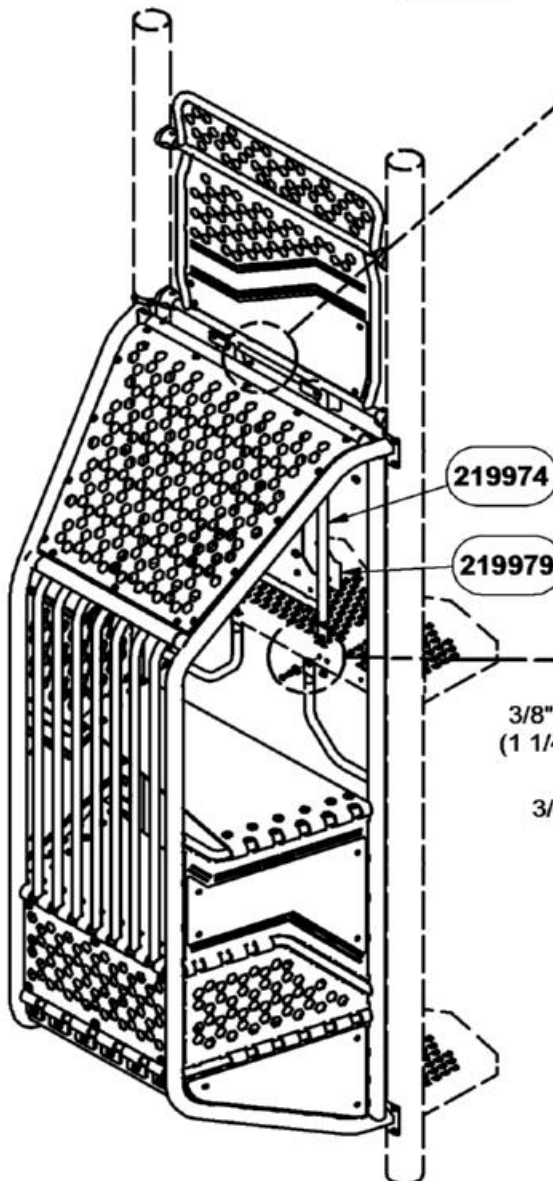
5/16" x 3/4"
P.B.H.C.S. w/PATCH
(812040)

219979

NUT 5/16"- INSERT
TYPE 1 (HWN0149)

219974

**STEP 11
10 PLACES**



219974

219979

3/8" FLAT WASHER
(1 1/4" O.D.) (817424)

3/8" LOCK WASHER
(817334)

3/8" x 1" P.B.H.C.S.
w/PATCH (812050)

219974

TAB TO BE
INSERTED INTO
SLOT OF DECK

DECK

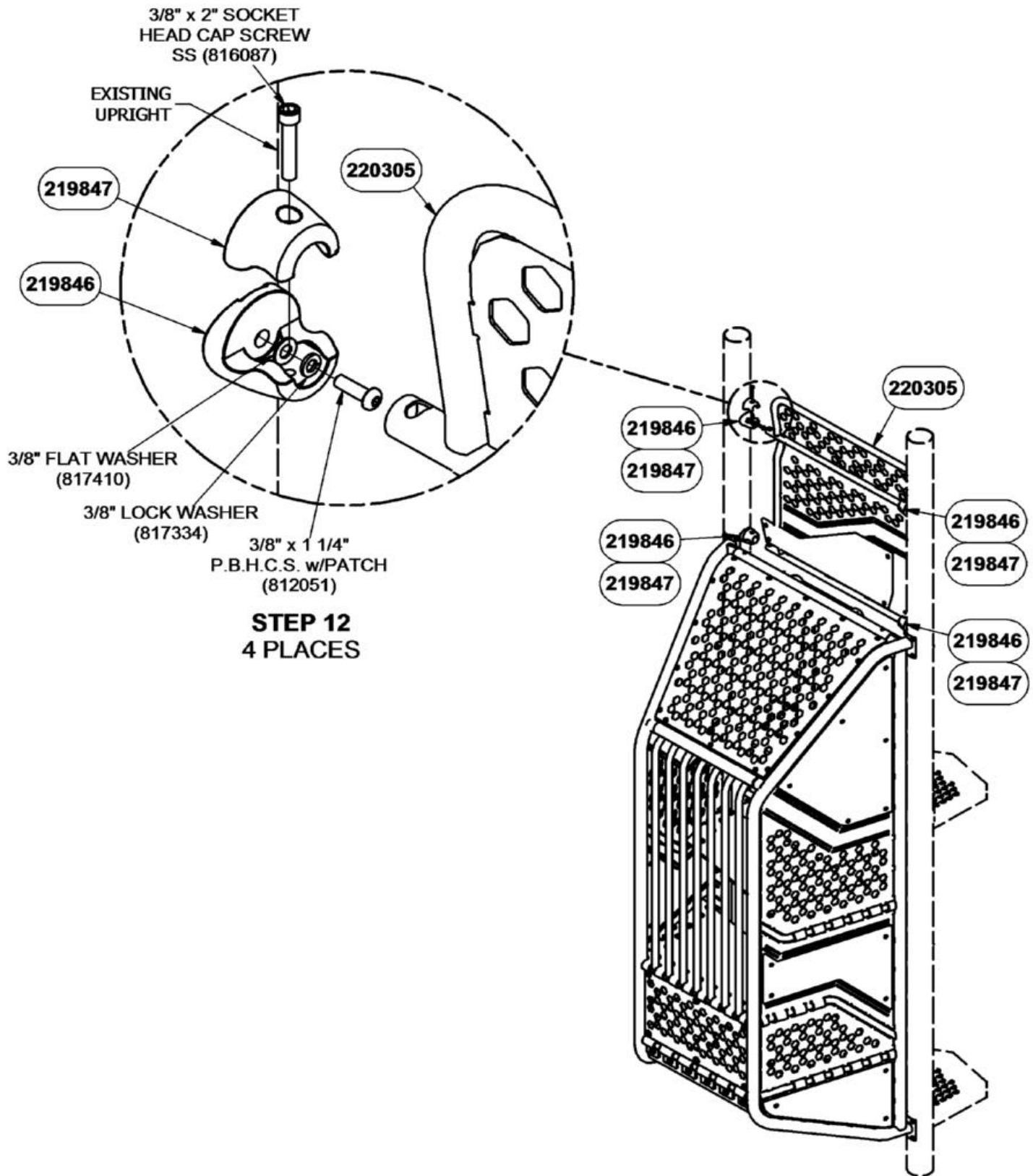
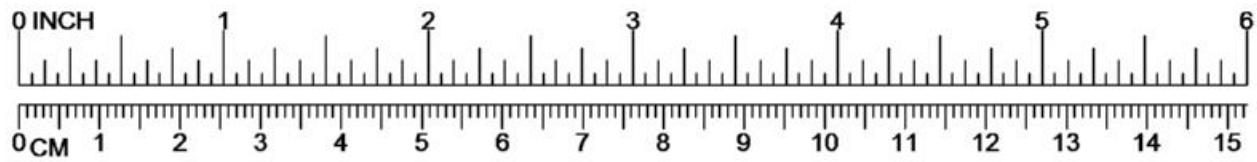
3/8" T-NUT (804556)

**STEP 10
2 PLACES**

220400

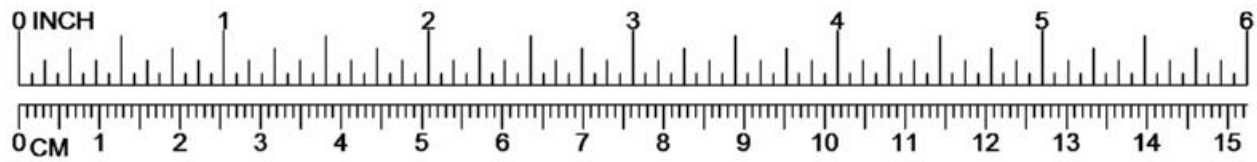
**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



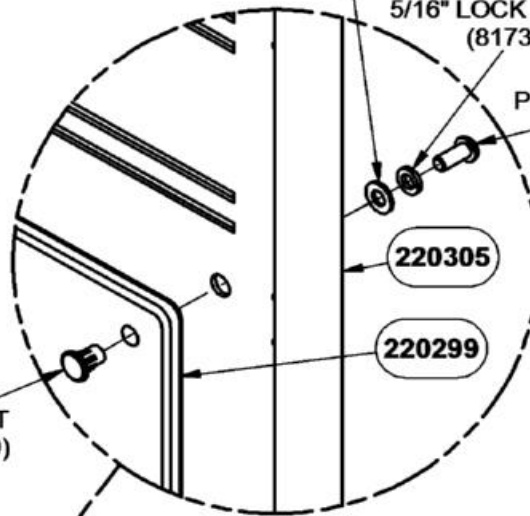
5/16" FLAT WASHER
(5/8" O.D.) (817406)

5/16" LOCK WASHER
(817330)

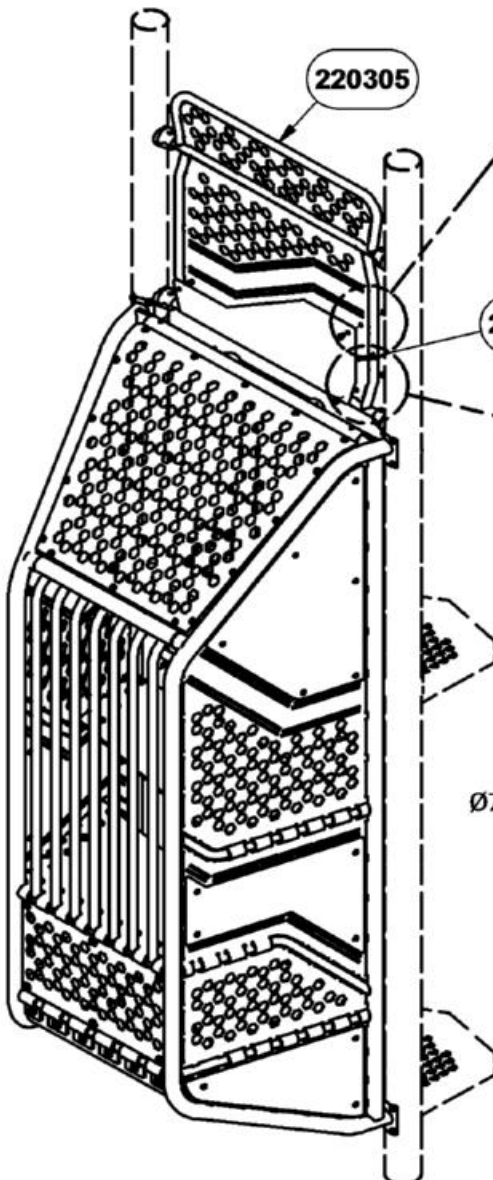
5/16" x 3/4"
P.B.H.C.S. w/PATCH
(812040)

**CAUTION: WHILE INSTALLING HWN0149
USE HAND TOOLS ONLY.
DO NOT USE AN IMPACT DRIVER.
DOING SO COULD DAMAGE THE PART.**

NUT 5/16"- INSERT
TYPE 1 (HWN0149)



**STEP 13
2 PLACES**



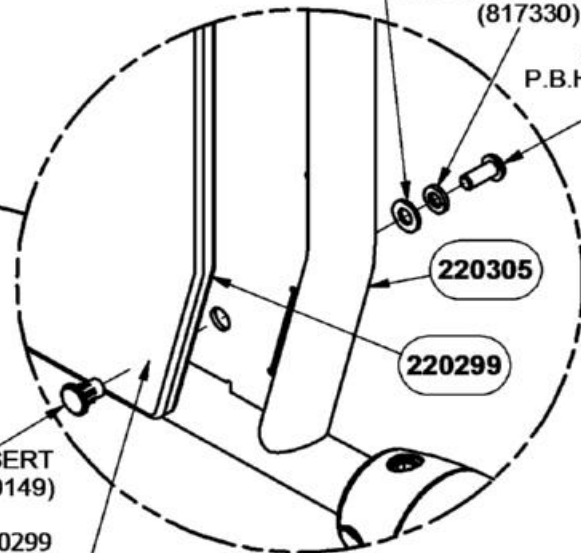
5/16" FLAT WASHER
(5/8" O.D.) (817406)

5/16" LOCK WASHER
(817330)

5/16" x 3/4"
P.B.H.C.S. w/PATCH
(812040)

NUT 5/16"- INSERT
TYPE 1 (HWN0149)

Ø7/16" HOLES IN 220299
WILL NEED TO BE
FIELD DRILLED.
USE 220305 AS A
TEMPLATE.

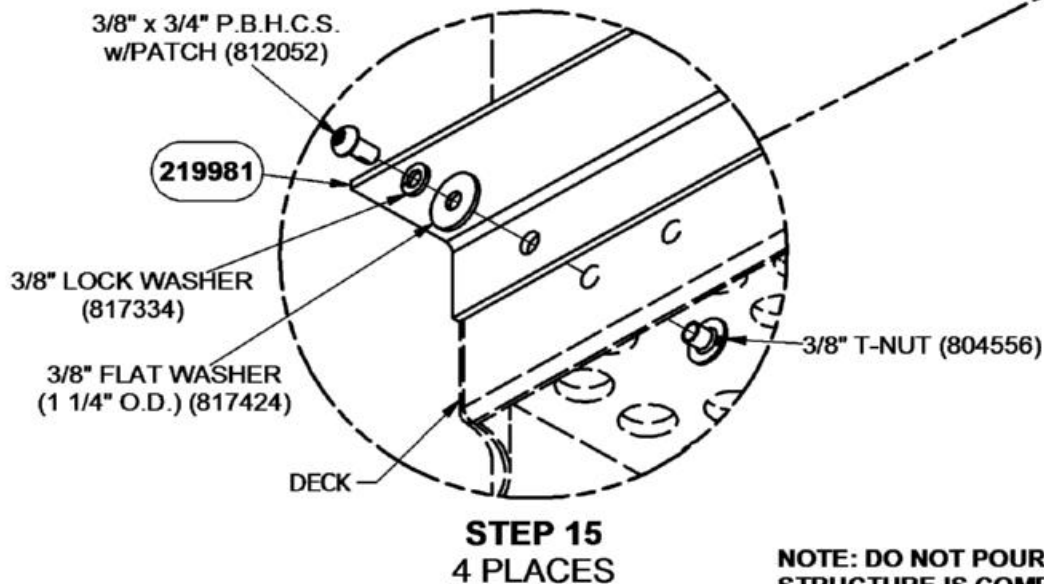
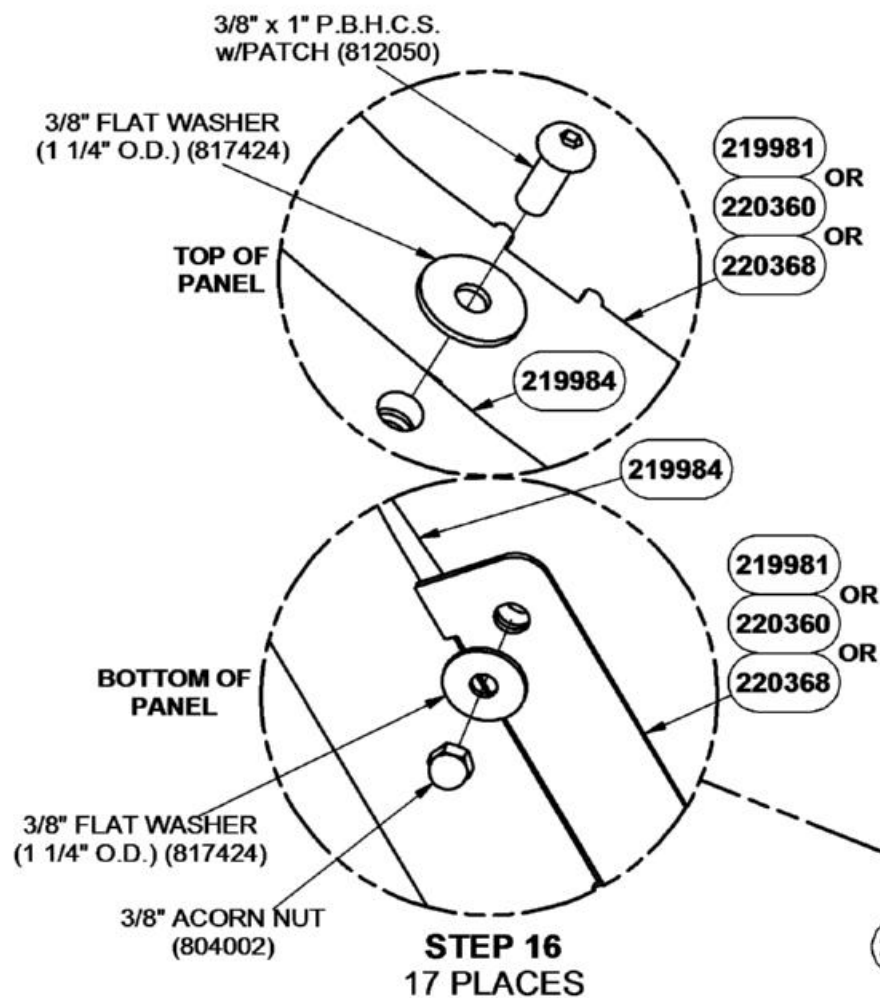
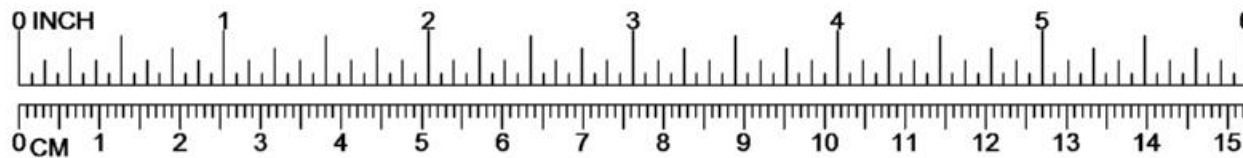


**STEP 14
2 PLACES**

**CAUTION: WHILE INSTALLING HWN0149
USE HAND TOOLS ONLY.
DO NOT USE AN IMPACT DRIVER.
DOING SO COULD DAMAGE THE PART.**

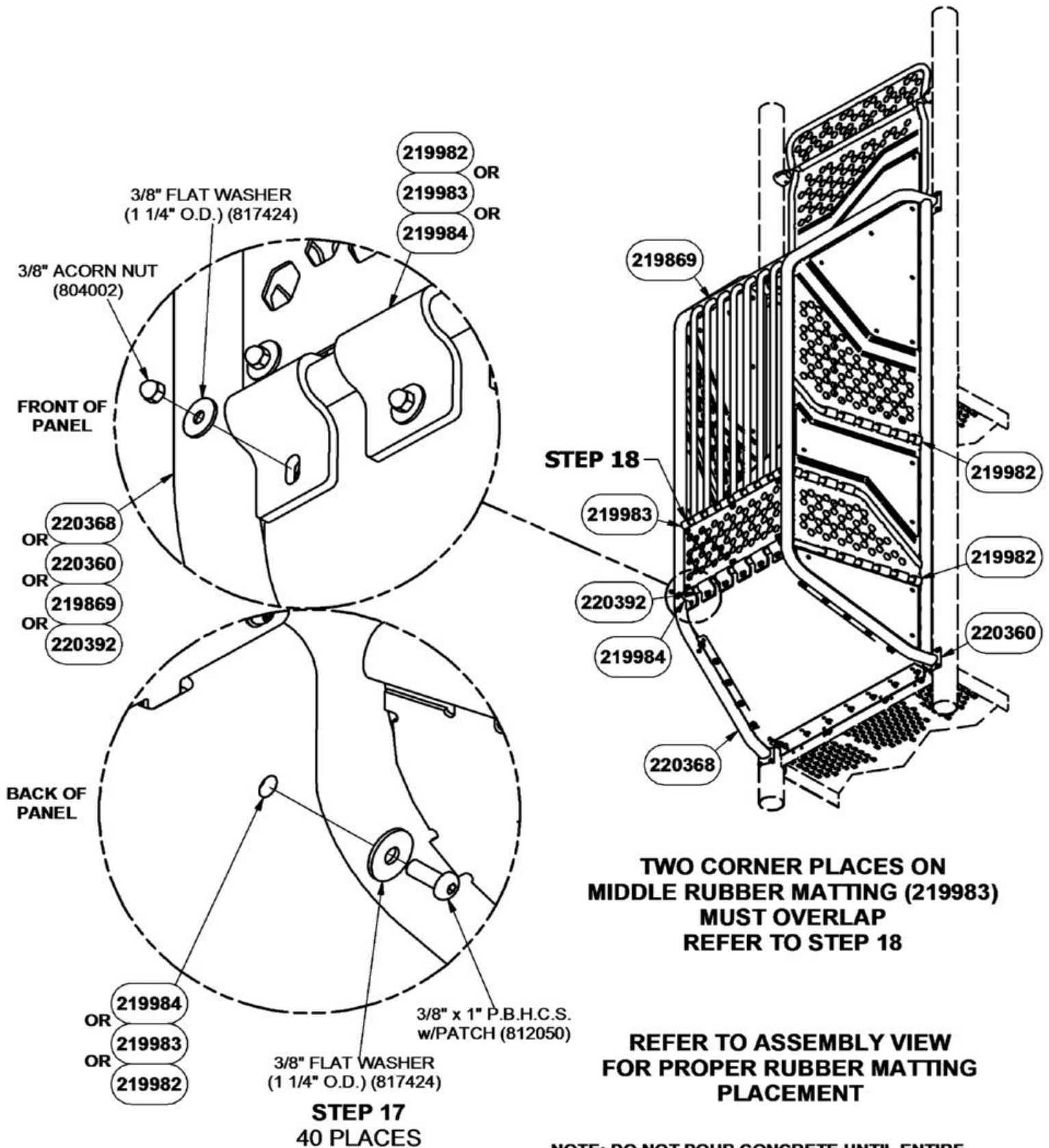
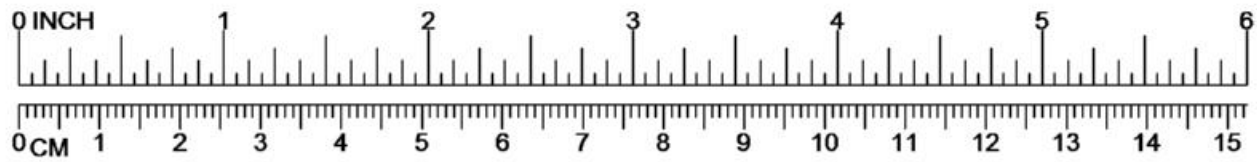
**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

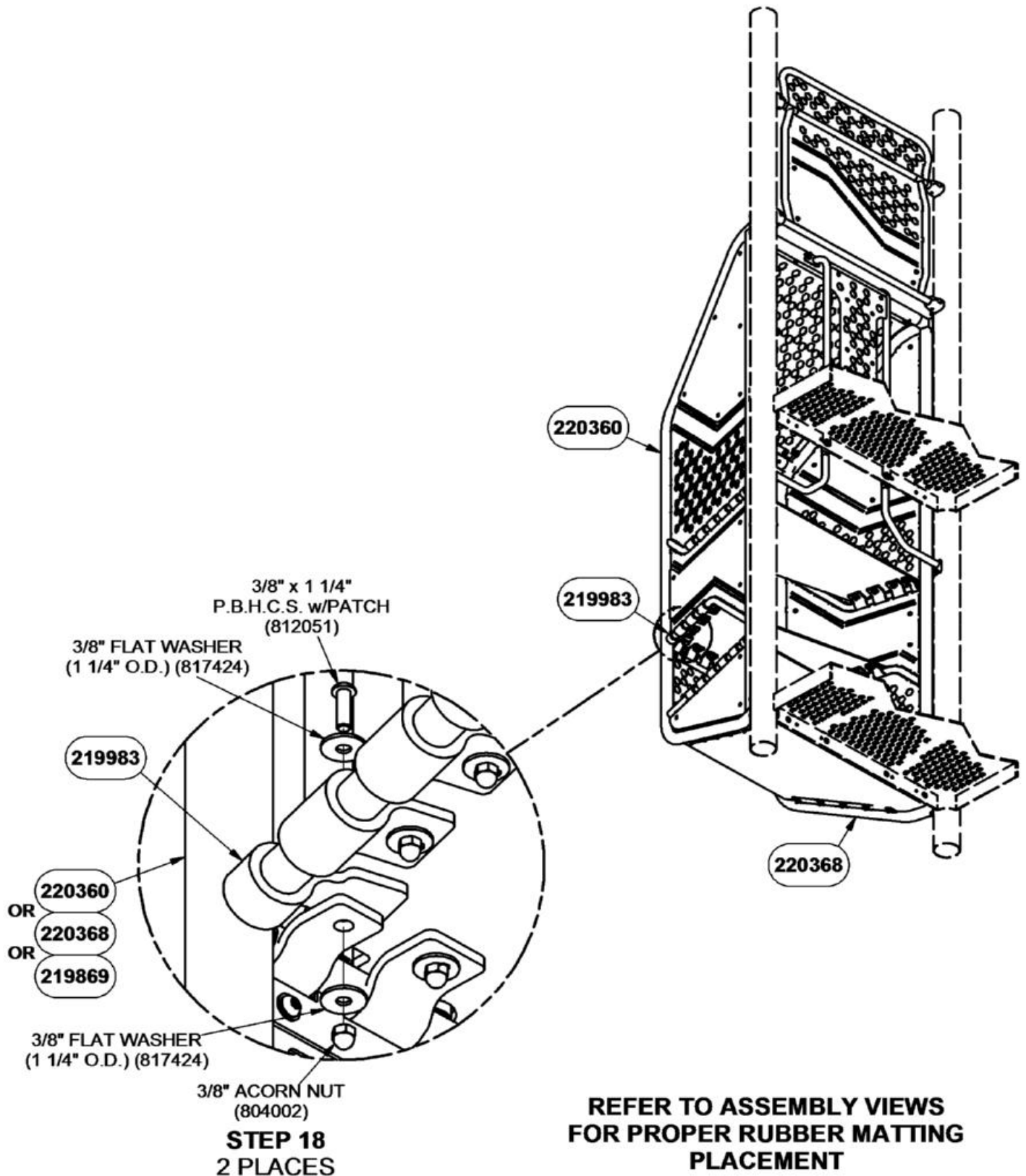
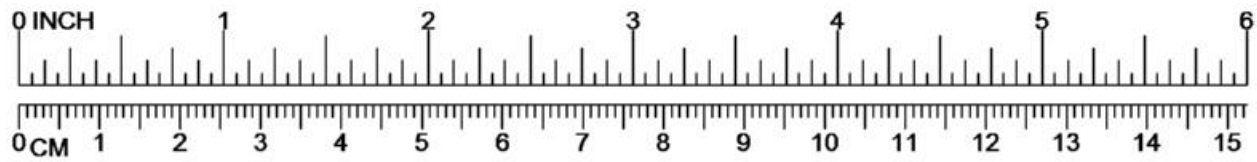


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



DETAIL VIEW



PLATES ON WELD HAVE BEEN REMOVED
FOR CLARITY ONLY

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
OVERLOOK TOP WELD ASSEMBLY	1	219865
OVERLOOK MIDDLE WELD ASSEMBLY	1	219869
OVERLOOK BOTTOM WELD ASSEMBLY	1	220392
LEFT MODERN OVERLOOK SIDE WELD ASSEMBLY	1	220360
RIGHT MODERN OVERLOOK SIDE WELD ASSEMBLY	1	220368
OVERLOOK ENTRY WELD ASSEMBLY	1	219974
SIDE STEP WELD ASSEMBLY	2	220400
FORMED PANEL	1	220358
OVERLOOK PANEL	1	220394
HDPE PANEL TOP	2	220371
HDPE PANEL CENTER	2	220372
HDPE PANEL BOTTOM	2	220373
HDPE ENTRY PANEL	1	219979
RUBBER MATTING ATTACHMENT PLATE	1	219981
TOP RUBBER MATTING	2	219982
MIDDLE RUBBER MATTING	1	219983
BOTTOM RUBBER MATTING	1	219984
TOP RUNG WELD ASSEMBLY	1	220305
HDPE TOP PANEL	1	220299
PIPE MOUNT CAP - 1"	4	219847
PIPE MOUNT BODY - 1"	4	219846
HARDWARE COMPLETE	1	6106HW
1/4-20 x 3/4" SS SELF DRILLING SCREW	6	810072*
1/4" x 1" SELF TAPPING TORX w/PATCH	4	HWS0021*
5/16" x 3/4" P.B.H.C.S. w/PATCH	40	812040*
5/16" FLAT WASHER (5/8" O.D.)	40	817406*
5/16" LOCK WASHER	40	817330*
NUT 5/16"- INSERT TYPE 1	40	HWN0149*
3/8" x 3/4" P.B.H.C.S. w/PATCH	26	812052*
3/8" x 1" P.B.H.C.S. w/PATCH	59	812050*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	26	812051*
3/8" x 2" SOCKET HEAD CAP SCREW SS	4	816087*
3/8" FLAT WASHER (1 1/4" O.D.)	146	817424*
3/8" FLAT WASHER	46	817410*
3/8" LOCK WASHER	30	817334*
3/8" ACORN NUT	81	804002*
3/8" T-NUT	6	804556*

Unless Otherwise Specified, All Units of Measure are Each

* Included in Hardware

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

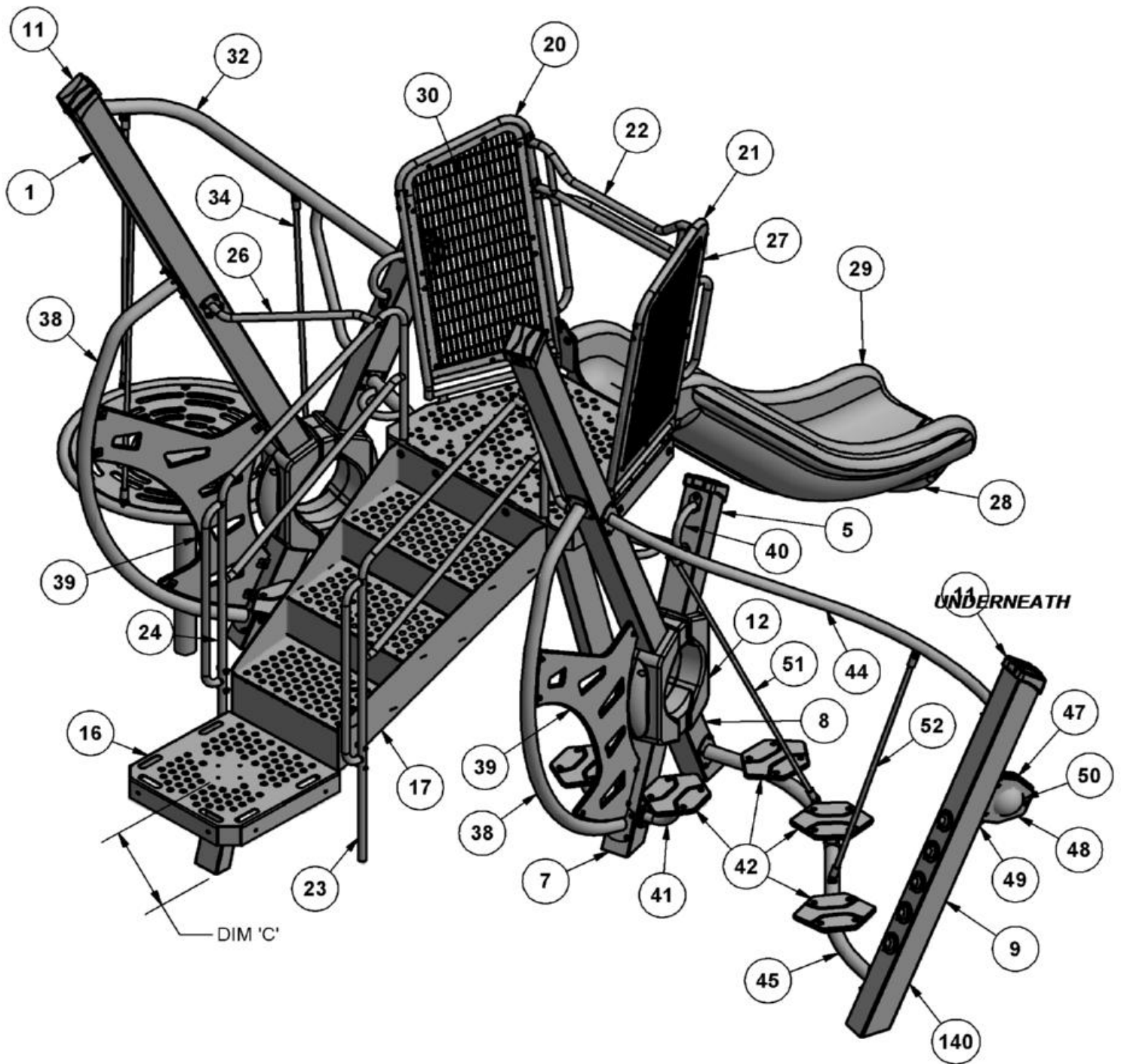
Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off flush, filed smooth and treated to prevent corrosion.

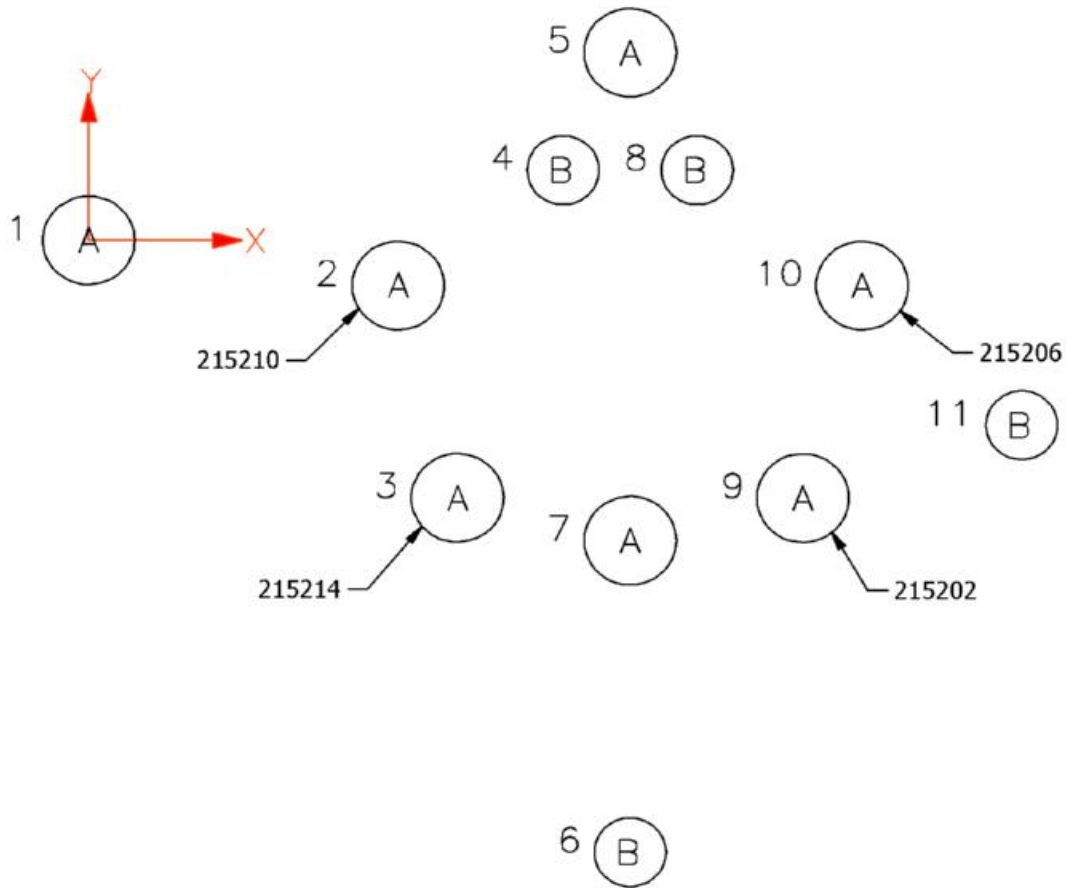
MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.
- Check all metal parts for rust, paint loss and touch-up if necessary with paint.
- Check for welded areas and verify integrity.
- Check periodically resilient surfacing for appropriate depth and remove extraneous materials that could cause injury, infection, or disease.
- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.



ASSEMBLY DRAWING

DIMENSIONS	
'A'	0'-8" [20.32cm]
'B'	1'-1" [33.02cm]
'C'	1'-5" [43.18cm]



FOOTING ORDINATE TABLE			
HOLE	X	Y	DIAG
1	0'-0" [0.00 cm]	0'-0" [0.00 cm]	0'-0" [0.00 cm]
2	5'-0 1/2" [153.67 cm]	-0'-9" [-22.86 cm]	5'-1" [154.94 cm]
3	6'-0" [182.88 cm]	-4'-4 1/2" [-133.35 cm]	7'-5" [226.06 cm]
4	7'-8 1/2" [234.95 cm]	1'-2 1/2" [36.83 cm]	7'-10" [238.76 cm]
5	8'-10" [269.24 cm]	3'-2" [96.52 cm]	9'-4 1/2" [285.75 cm]
6	8'-10" [269.24 cm]	-10'-4 1/2" [-316.23 cm]	13'-7 1/2" [415.29 cm]
7	8'-10" [269.24 cm]	-5'-1" [-154.94 cm]	10'-2" [309.88 cm]
8	9'-11" [302.26 cm]	1'-2 1/2" [-36.83 cm]	10'-0" [304.80 cm]
9	11'-7 1/2" [354.33 cm]	-4'-4 1/2" [-133.35 cm]	12'-5" [378.46 cm]
10	12'-7" [383.54 cm]	-0'-9" [-22.86 cm]	12'-7 1/2" [384.81 cm]
11	15'-2 1/2" [472.50 cm]	-3'-1 1/2" [-95.25 cm]	15'-6" [472.44 cm]

FOOTINGS TABLE			
TYPE	DIAMETER/SIDE	DEPTH*	QTY
A	1'-6" [45.72 cm]	2'-6" [76.20 cm]	7
B	1'-2" [35.56 cm]	2'-6" [76.20 cm]	4

*DEPTH IS MEASURED FROM FINISHED GRADE

CONCRETE REQUIRED:
0.93 CUBIC YARDS
[0.71 CUBIC METERS]

MCV1RI

Parts List			
REF	DESCRIPTION	QTY	PART NUMBER
1	UPRIGHT INSERT ASS'Y 1	1	SEE STAGE 1**
2	UPRIGHT INSERT ASS'Y 2	1	SEE STAGE 1**
3	UPRIGHT INSERT ASS'Y 3	1	SEE STAGE 1**
4	UPRIGHT INSERT ASS'Y 4	1	SEE STAGE 1**
5	UPRIGHT INSERT ASS'Y 5	1	SEE STAGE 1**
6	UPRIGHT INSERT ASS'Y 6	1	SEE STAGE 1**
7	UPRIGHT INSERT ASS'Y 7	1	SEE STAGE 1**
8	UPRIGHT INSERT ASS'Y 8	1	SEE STAGE 1**
9	UPRIGHT INSERT ASS'Y 9	1	SEE STAGE 1**
10	HUB WELD ASS'Y	2	SEE STAGE 1**
11	MC UPRIGHT CAP	5	SEE STAGE 1**
12	MC HUB CASTING	4	SEE STAGE 1**
13	DECK UPRIGHT WELD ASS'Y	1	SEE STAGE 1**
14	DECK UPRIGHT WELD ASS'Y	1	SEE STAGE 1**
15	COATED MODERN CITY DECK	1	SEE STAGE 2**
16	COATED MODERN CITY TRANSFER PLATFORM	1	SEE STAGE 2**
17	COATED TRANSFER STEPS	1	SEE STAGE 2**
18	DECK TO UPRIGHT WELD ASS'Y	1	SEE STAGE 2**
19	DECK TO UPRIGHT WELD ASS'Y	1	SEE STAGE 2**
20	SLIDE ENCLOSURE WELD ASS'Y	1	SEE STAGE 2**
21	SLIDE ENCLOSURE WELD ASS'Y	1	SEE STAGE 2**
22	SLIDE ENCLOSURE ATTACHMENT WELD ASS'Y	1	SEE STAGE 2**
23	HANDRAIL WELD ASS'Y	1	SEE STAGE 2**
24	HANDRAIL WELD ASS'Y	1	SEE STAGE 2**
25	HANDRAIL SUPPORT WELD ASS'Y	1	SEE STAGE 2**
26	HANDRAIL SUPPORT WELD ASS'Y	1	SEE STAGE 2**
27	ENCLOSURE COVER	2	SEE STAGE 2**
28	FOOTBUCK	1	SEE STAGE 2**
29	4' ZIP SLIDE	1	SEE STAGE 2**
30	5/16" STEEL WIRE WELDED MESH PANEL, 42 7/16" LG.	2	SEE STAGE 2**
31	SLIDE SUPPORT PLATE	1	SEE STAGE 2**
32	COATED PLATE SUPPORT WELD ASS'Y	1	SEE STAGE 2**
33	COATED PLATE FRAME WELD ASS'Y	1	SEE STAGE 3**
34	FOOTBUCK WELD ASS'Y 3	1	SEE STAGE 3**
35	COATED WOBBLE PLATE	1	SEE STAGE 3**
36	CABLE ASS'Y V1	1	SEE STAGE 3**
37	CABLE ASS'Y V2	1	SEE STAGE 3**
38	CABLE ASS'Y V3	1	SEE STAGE 3**
39	SPRING HOLDER	2	SEE STAGE 3**
40	FORMED SPRING	1	SEE STAGE 3**
41	HDPE CLIMBER WELD ASS'Y	2	SEE STAGE 3 & 4**
42	HDPE CLIMBER ATTACHMENT	2	SEE STAGE 3 & 4**
43	HANDHOLD WELD ASS'Y	2	SEE STAGE 3 & 4**
44	STEPPER WELD ASS'Y	3	SEE STAGE 3 & 4**
45	HDPE STEP	7	SEE STAGE 3 & 4**

CONTINUED

Parts List			
REF	DESCRIPTION	QTY	PART NUMBER
46	CURVED CLIMBER TOP WELD ASS'Y	1	SEE STAGE 4**
47	CURVED CLIMBER WELD ASS'Y	1	SEE STAGE 4**
48	STEPPER WELD ASS'Y	1	SEE STAGE 4**
49	MIRROR BALL HDPE 1	1	SEE STAGE 4**
50	MIRROR BALL HDPE 2	2	SEE STAGE 4**
51	MIRROR BALL FRAME WELD ASS'Y	1	SEE STAGE 4**
52	6" MIRROR FINISH S.S. BALL	1	SEE STAGE 4**
53	CABLE ASS'Y V4	1	SEE STAGE 4**
54	CABLE ASS'Y V5	1	SEE STAGE 4**
	HARDWARE COMPLETE -for- STAGE 1	1	215636
	HARDWARE COMPLETE -for- STAGE 2	1	216420
	HARDWARE COMPLETE -for- STAGE 3	1	221604
	HARDWARE COMPLETE -for- STAGE 4	1	215639

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

***See Individual Pages For Stage Drawing, Installation Instructions
And Parts List*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards
For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed.
Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment
And Dispose/Save Them In A Secure Location.**

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

SPECIFICATIONS

UPRIGHT INSERT ASSEMBLIES 1-9: Shall be fabricated from 5" x 5" x .120" (11 Gauge) wall steel tubing and 1/4" Thick H.R. Steel. Upright Insert Assemblies 1-9 shall be all weld assemblies and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

HUB WELD ASSEMBLY: Shall be fabricated from 1/4" Thick H.R. Steel. Hub Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

MC UPRIGHT CAP: All Aluminum castings shall be manufactured with die casting A356 alloy. All the assemblies shall be welded constructions and coated with a custom formula of TGIC polyester powder coating after fabrication.

MC HUB CASTING: All Aluminum castings shall be manufactured with die casting A356 alloy. All the assemblies shall be welded constructions and coated with a custom formula of TGIC polyester powder coating after fabrication.

DECK UPRIGHT WELD ASSEMBLIES: Shall be fabricated from 3" x 5" x .120" (11 Gauge) wall steel tubing and 1/4" Thick H.R. Steel. Deck Upright Weld Assemblies shall be all weld assemblies and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

DECK TO UPRIGHT WELD ASSEMBLIES: Shall be fabricated from 2 3/8" O.D. x .095 (13 Gauge) wall galvanized steel tubing, 1 5/16" O.D. x .083" (14 Gauge) wall galvanized steel tubing, and 3/16" Thick H.R. Steel. Deck To Upright Weld Assemblies shall be all weld assemblies and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

SLIDE ENCLOSURE WELD ASSEMBLIES: Shall be fabricated from 1 5/16" O.D. x .083" (14 Gauge) wall galvanized steel tubing, 1 1/16" O.D. x .072" (15 Gauge) wall galvanized steel tubing, .120" (11 Gauge) Thick H.R. Steel, and 1/4" Thick H.R. Steel. Slide Enclosure Weld Assemblies shall be all weld assemblies and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

SLIDE ENCLOSURE ATTACHMENT WELD ASSEMBLY: Shall be fabricated from 1 5/16" O.D. x .083" (14 Gauge) wall galvanized steel tubing, 1 1/16" O.D. x .072" (15 Gauge) wall galvanized steel tubing, and 1/8" Thick H.R. Steel. Slide Enclosure Attachment Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

HANDRAIL WELD ASSEMBLIES: Shall be fabricated from 1 5/16" O.D. x .133" (10 Gauge) wall galvanized steel tubing and 1 5/16" O.D. x .083" (14 Gauge) wall galvanized steel tubing. Handrail Weld Assemblies shall be all weld assemblies and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

HANDRAIL SUPPORT WELD ASSEMBLIES: Shall be fabricated from 1 5/16" O.D. x .083" (14 Gauge) wall galvanized steel tubing, 1" threaded bronze insert, and 1/4" Thick H.R. Steel. Handrail Support Weld Assemblies shall be all weld assemblies and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

ENCLOSURE COVER: Shall be fabricated from 1/8" Thick H.R. Steel. The Enclosure Cover shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

FOOTBUCK: Shall be fabricated from 2 3/8" O.D. x .109" (12 Gauge) wall galvanized steel tubing and .120" (11 Gauge) Thick H.R. Steel. Footbuck shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

WIRE WELDED MESH PANEL: Shall be fabricated from .306" Steel Wire. Wire Welded Mesh Panel shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

SLIDE SUPPORT PLATE: Shall be fabricated from 1/4" Thick H.R. Steel. The Slide Support Plate shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication.

COATED PLATE SUPPORT WELD ASSEMBLY: Shall be fabricated from 2 3/8" O.D. x .095" (13 Gauge) wall galvanized steel tubing, 1/4" Thick H.R. Steel, and 1-5/8" O.D. x .083" (14 Gauge) wall galvanized steel tubing. Coated Plate Support Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

COATED PLATE FRAME WELD ASSEMBLY: Shall be fabricated from 1 7/8" O.D. x .145" wall galvanized steel tubing (SCH 40), 1/4" Thick H.R. Steel, and 3/8" Thick H.R. Steel. Coated Plate Frame Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

SPECIFICATIONS

WOBBLE PLATE FOOTBUCK WELD ASSEMBLY: Shall be fabricated from 3 1/2" O.D. x .120" (11 Gauge) wall galvanized steel tubing, 1/4" Thick H.R. Steel, and 3/4" Thick H.R. Steel. Wobble Plate Footbuck Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

COATED WOBBLE PLATE: Shall be a 1/4" Thick H.R. Steel spinning and a 3/4" Thick H.R. Steel Tab coated using an oven fused functionalized polyethylene copolymer-based thermoplastic. Fluidized bed coating application with superior mechanical performance, impact resistance and UV-stability.

HDPE CLIMBER WELD ASSEMBLY: Shall be fabricated from 2 3/8" O.D x .095" (13 Gauge) wall galvanized steel tubing, 1/4" Thick H.R. Steel, and a 3/16" x 1 1/2" x 2" H.R. Steel Tab. HDPE Climber Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

HDPE CLIMBER ATTACHMENT: Shall be made from 3/4" thick (solid) high density, UV-stabilized and color impregnated polyethylene.

HANDHOLD WELD ASSEMBLY: Shall be fabricated from 1 5/16" O.D x .083" (14 Gauge) wall galvanized steel tubing and a 3/16" Thick H.R. Steel. Handhold Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

STEPPER WELD ASSEMBLY: Shall be fabricated from 1 5/8 O.D. x .140" wall galvanized steel tubing (SCH 40), 1/4" Thick H.R. Steel, and .120" (11 Gauge) Thick H.R. Steel. Stepper Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

HDPE STEP: Shall be made from 3/4" thick (solid) high density, UV-stabilized and color impregnated polyethylene.

CURVED CLIMBER TOP WELD ASSEMBLY: Shall be fabricated from 1 7/8" O.D x .095" (13 Gauge) wall galvanized steel tubing, 3/8" Thick Net Tab, and 1/4" Thick H.R. Steel. Curved Climber Top Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

CURVED CLIMBER WELD ASSEMBLY: Shall be fabricated from 2 3/8" O.D x .095" (13 Gauge) wall galvanized steel tubing, 1 5/8" O.D. x .083" (14 Gauge) wall galvanized steel tubing, 3/8" Thick Net Tab, and 1/4" Thick H.R. Flat Steel. Curved Climber Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

MIRROR BALL HDPE 1 & 2: Shall be made from 3/4" thick (solid) high density, UV-stabilized and color impregnated polyethylene.

MIRROR BALL FRAME WELD ASSEMBLY: Shall be fabricated from 3/16" Thick H.R. Steel. Mirror Ball Frame Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

6" MIRROR FINISH STAINLESS STEEL BALL: Shall be fabricated from 6" 304-grade Stainless Steel ball

HDPE ROLLER PANEL: Shall be made from 1/2" thick (solid) high density, UV-stabilized and color impregnated polyethylene.

SS BALL BEARING: Shall be fabricated from 1-3/4" O.D. Grade 25 Stainless Steel Ball.

CABLES: Cable shall be 18mm diameter UV protected Polyester twisted type with the following properties: -Calculated Tensile strength of >60kN -Quantity 6 Steel Strands 2.8mm diameter each -Steel Strands shall have Qty 19 steel wires .62mm each -Quantity 3 fiber core 2.7mm each.

COATED MODERN CITY DECK: Shall have a minimum surface area of 798 square inches. The deck shall be fabricated in conformance with the punched steel specifications outlined herein. The deck frame shall be fabricated from .120" (11 Gauge) Thick H.R. Steel with corner supports fabricated from .109" (12 Gauge) Thick H.R. Steel. Intermediate supports, fabricated from .109" (12 Gauge) Thick H.R. Steel, shall be notched and welded at the intersections. The deck shall be a one-piece welded assembly, coated after fabrication with an oven cured matte finish polyvinyl chloride (PVC) coating in accordance with the specifications herein.

SPECIFICATIONS

COATED MODERN CITY TRANSFER PLATFORM: Shall have a minimum surface area of 420 square inches. The deck shall be fabricated in conformance with the punched steel specifications outlined herein. The deck frame shall be fabricated from .120" (11 Gauge) Thick H.R. Steel with corner supports fabricated from .120" (11 Gauge) Thick H.R. Steel. Intermediate supports, fabricated from .120" (11 Gauge) Thick H.R. Steel, shall be notched and welded at the intersections. The deck shall be a one-piece welded assembly, coated after fabrication with an oven cured matte finish polyvinyl chloride (PVC) coating in accordance with the specifications herein.

COATED MODERN CITY TRANSFER STEPS: Shall have a minimum surface area of 1246 square inches. The Transfer Steps shall be fabricated in conformance with the punched steel specifications outlined herein. The Transfer Steps frame shall be fabricated from .120" (11 Gauge) Thick H.R. Steel with corner supports fabricated from .109" (12 Gauge) Thick H.R. Steel. Intermediate supports, fabricated from .109" (12 Gauge) Thick H.R. Steel, shall be notched and welded at the intersections. The Transfer Steps shall be a one-piece welded assembly, coated after fabrication with an oven cured matte finish polyvinyl chloride (PVC) coating in accordance with the specifications herein.

PUNCHED STEEL DECKS AND PVC COATED COMPONENTS: All punched steel products shall be fabricated from 11 Gauge punched steel with a protective p&o finish. Coated products shall consist of a welded assembly with an oven cured matte finish polyvinyl chloride (PVC) coating with a minimum coating thickness of .080". All decks shall be exclusively dipped utilizing the DuraWear process with an extra thick coating on the top of the deck. The PVC coating shall have a hardness of Shore A 83 +/-5 normal durometer range. This material is classed as "Self Extinguishing", meets or exceeds automotive specifications NVSS302, and contains ultraviolet inhibitors to help prolong the life of the coating. The PVC coating shall contain phthalate levels in concentrations of 1/10 of 1% or lower. For ADA Ramp Accessible decks and ramps, the hole shall measure 1/4" diameter after coating. For standard decks and ramps, the hole size shall measure 1 1/4" diameter after coating.

PLASTIC: Shall be one piece construction manufactured from linear low-density polyethylene material and shall conform to the rotationally molded specifications outlined herein. Polyethylene shall be linear low-density material with UV-stabilized color and an anti-static compound additive. Rotationally molded products shall meet or exceed the following specifications: ASTM D-1248, type 2, class A and Federal specification LP-390C, type 1, class M, grade 2, category 3; Density (ASTM D-1505); Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM D-790); Heat Distortion (ASTM-648); Low Temperature Impact (ARM-STD).

POWDER COAT FINISH: Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a four stage solvent / zirconium based bath system (free of iron phosphate), as a rust inhibitor, and a zirconium conversion coating to prevent flash rusting before coating. In addition, all welds shall be protectively coated with ZRP, a zinc rich primer that forms a rust-resistant barrier layer over each weld prior to application of the powder coating. The powder coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: Two coat process to achieve 3.0 - 5.0 mil thickness and oven cured between 350 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794- 69), Wedge Bend (ASTM D-522-68), Adhesion (Cross Hatch ASTM D-3359 & Knife Scratch ASTM D-2197), Environmental (Stain Resistance ASTM D-1308, Humidity ASTM D-2247 - 87, Salt Spray ASTM B-117 & Fadometer 300 hrs with no loss of gloss), Over-bake Stability 100% at 350 degrees Fahrenheit for 10 minutes.

HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing. NOTE: All weights are based on average comparisons of each part.

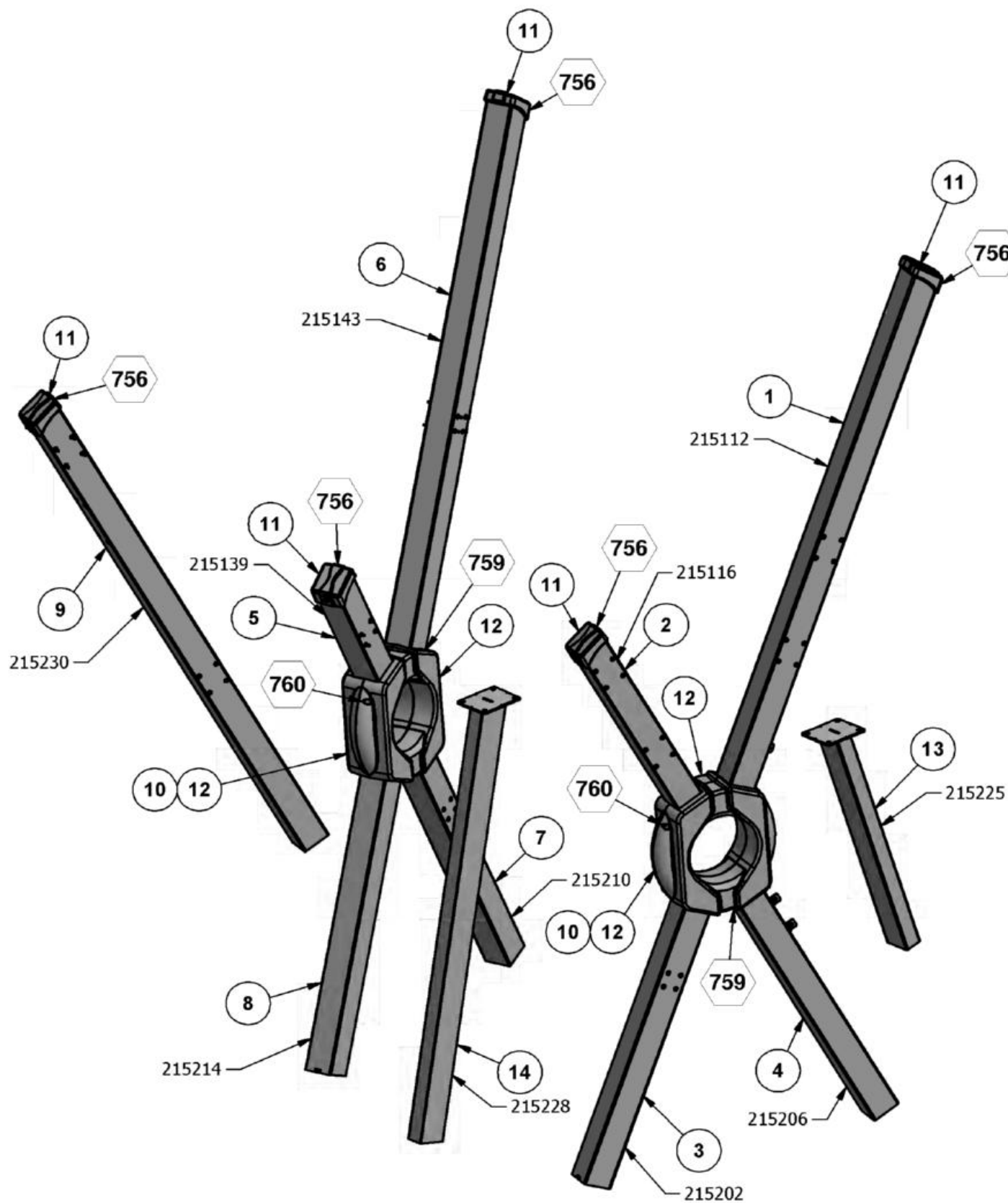
SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- ☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.
- ☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.
- ☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.
- ☐ Equipment should be placed to eliminate conflicting traffic patterns.
- ☐ To reduce risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more than two full threads beyond the face of the nut shall be cut-off, filed smooth and treated to prevent corrosion. Sharp edges on pipes should be capped or removed. Check for bent, broken or severely worn pipe and replace.
- ☐ Test overall stability and rigidity of all play equipment. Check for proper assembly, installation and ground anchoring.
- ☐ Check for and repair damage caused by wear or vandalism, a major factor in injury-causing situations.
- ☐ GameTime® PROVIDES ITS CUSTOMERS WITH COMPLETE SPECIFICATION SHEETS AND INSTALLATION INSTRUCTIONS. THE SPECIFICATION SHEET CONTAINS THE LISTING OF EVERY PART USED IN A PIECE OF EQUIPMENT AND SHOULD BE KEPT IN THE CUSTOMER'S FILES FOR ACCURATE REFERENCE WHEN REPLACEMENT PARTS ARE NEEDED.
- ☐ Never add components not intended for use with this product.
- ☐ Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.
- ☐ Proper maintenance of GameTime® equipment requires regular tightening of all bolts, nuts, and set screws.
- ☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.
- ☐ Regular checking of all parts, castings, etc. should be made. If a part is broken or worn it should be replaced immediately.
- ☐ Never use GAMETIME playground equipment around or in conjunction with swimming pools, ponds, lakes or any other bodies of water.
- ☐ Check to be sure all fittings are tight and that the bars and pipes do not move.
- ☐ A soft resilient surface should be placed under all swings, extending at least six feet beyond the farthest arc of the swing seat both front and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.



**NOTE: ANGLES OF ALL UPRIGHTS
ARE 65° EXCEPT FOR
215225 AND 215228
WHICH ARE AT 75°**

ASSEMBLY DRAWING
STAGE 1

STAGE 1

Parts List			
REF	DESCRIPTION	QTY	PART NUMBER
1	UPRIGHT INSERT ASS'Y 1	1	215112
2	UPRIGHT INSERT ASS'Y 2	1	215116
3	UPRIGHT INSERT ASS'Y 3	1	215202
4	UPRIGHT INSERT ASS'Y 4	1	215206
5	UPRIGHT INSERT ASS'Y 5	1	215139
6	UPRIGHT INSERT ASS'Y 6	1	215143
7	UPRIGHT INSERT ASS'Y 7	1	215210
8	UPRIGHT INSERT ASS'Y 8	1	215214
9	UPRIGHT INSERT ASS'Y 9	1	215230
10	HUB WELD ASS'Y	2	214796
11	MC UPRIGHT CAP	5	214855
12	MC HUB CASTING	4	214851
13	DECK UPRIGHT WELD ASS'Y	1	215225
14	DECK UPRIGHT WELD ASS'Y	1	215228
	HARDWARE COMPLETE	1	215636
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	13	812051*
	3/8" LOCK WASHER	13	817334*
	1/2" x 1" HEX HEAD BOLT	48	801203*
	1/2" LOCKNUT	48	804355*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

**Warning: During Installation, Hardware And Small Parts Are Choking Hazards
For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed.
Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment
And Dispose/Save Them In A Secure Location.**

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

INSTALLATION INSTRUCTIONS

STAGE 1

NOTE: THIS SPECIFICATION BOOKLET SHOULD BE KEPT IN CUSTOMERS FILE FOR FUTURE REFERENCE.

NOTE: Do not over tighten bolts. To over tighten may cause buckling or dimpling of some parts.

NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.

NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.

NOTE: Assembly and leveling time will be greatly reduced if a transit is used to set location and depth of ground holes.

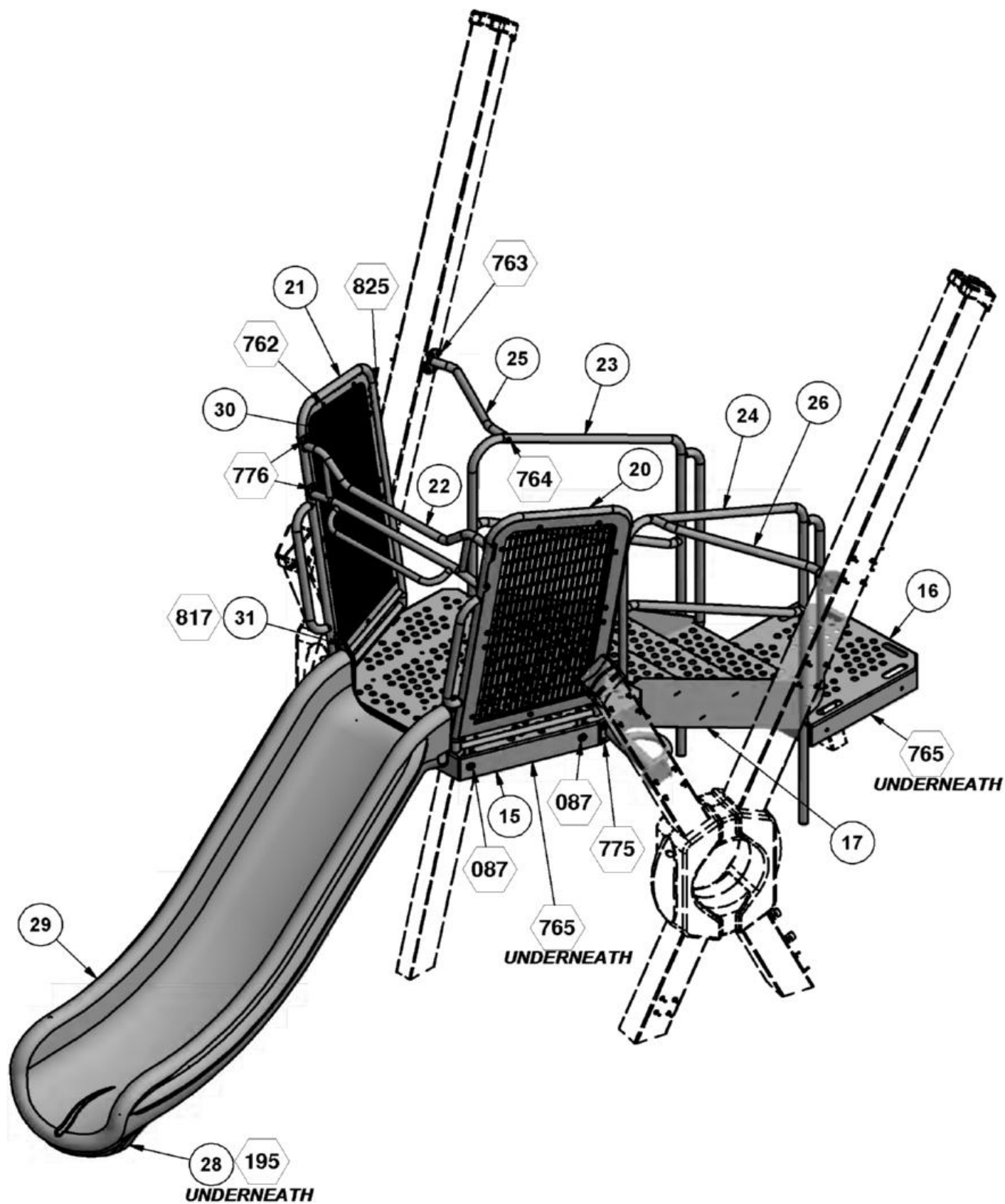
NOTE: Due to extremes in weather and soil conditions, hole may have to be increased to meet local conditions.

STEP 1: Dig required holes. See Ground Plan for correct shape and size.

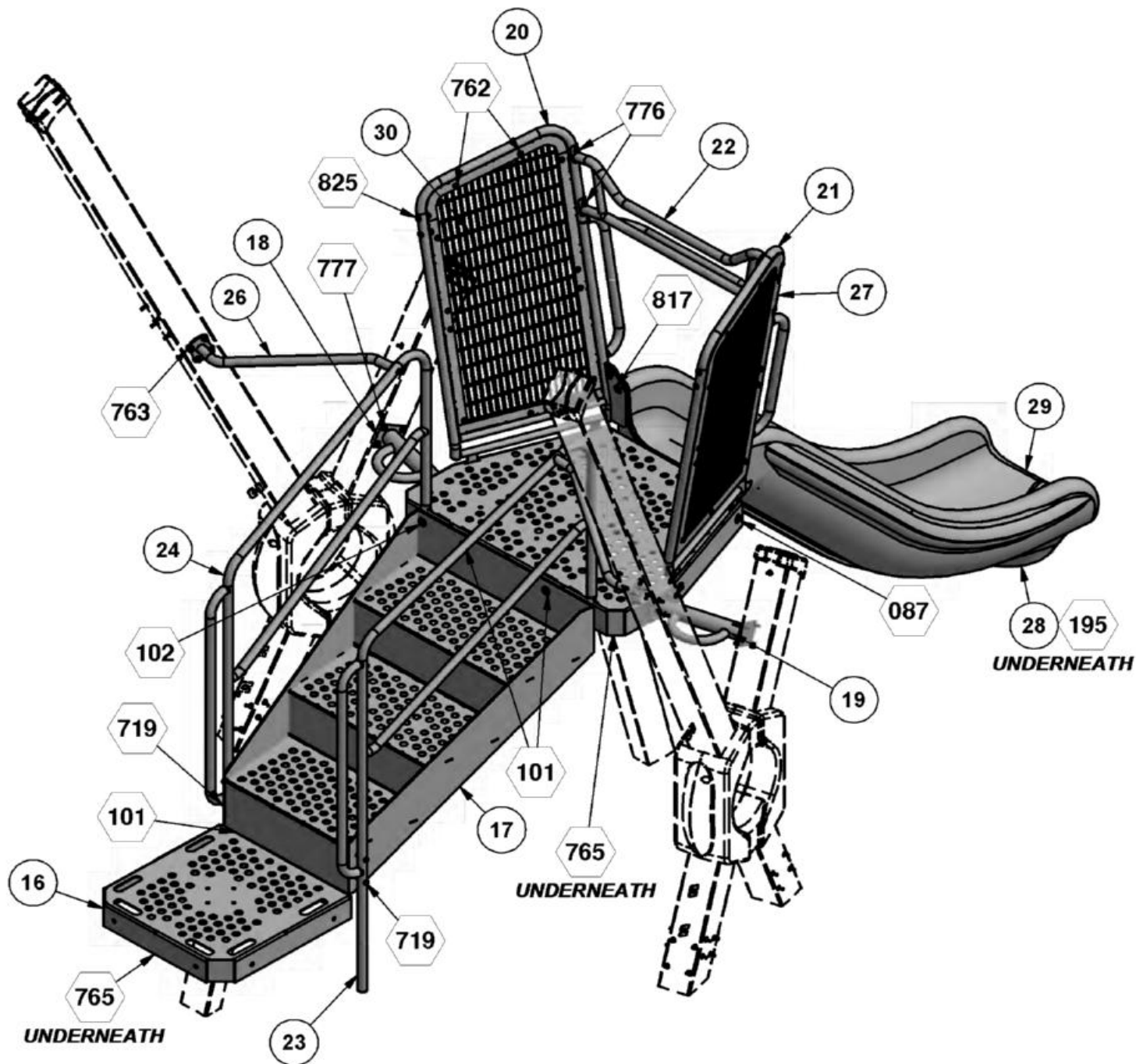
STEP 2: Place Upright Insert Assemblies in the holes using Stage 1 and Ground Plan.

STEP 3: Attach Upright Insert Assemblies to Hub Weld Assembly using Detail 759.

STEP 4: Attach MC Hub Castings and MC Upright Caps using Details 756 and 760.



ASSEMBLY DRAWING
STAGE 2



ASSEMBLY DRAWING
STAGE 2

STAGE 2

Parts List			
REF	DESCRIPTION	QTY	PART NUMBER
15	COATED MODERN CITY DECK	1	215234
16	COATED MODERN CITY TRANSFER PLATFORM	1	215237
17	COATED TRANSFER STEPS	1	215187
18	DECK TO UPRIGHT WELD ASS'Y	1	214965
19	DECK TO UPRIGHT WELD ASS'Y	1	215011
20	SLIDE ENCLOSURE WELD ASS'Y	1	215360
21	SLIDE ENCLOSURE WELD ASS'Y	1	215357
22	SLIDE ENCLOSURE ATTACHMENT WELD ASS'Y	1	216336
23	HANDRAIL WELD ASS'Y	1	215614
24	HANDRAIL WELD ASS'Y	1	215616
25	HANDRAIL SUPPORT WELD ASS'Y	1	215380
26	HANDRAIL SUPPORT WELD ASS'Y	1	215378
27	ENCLOSURE COVER	2	216518
28	FOOTBUCK	1	176385
29	4' ZIP SLIDE	1	176186
30	5/16" STEEL WIRE WELDED MESH PANEL, 42 7/16" LG.	2	214935
31	SLIDE SUPPORT PLATE	1	216351
	HARDWARE COMPLETE	1	216420
	5/16" x 3/4" P.B.H.C.S. w/PATCH	22	812040*
	5/16" FLATWASHER (3/4" O.D.)	22	817404*
	5/16" LOCK WASHER	22	817330*
	5/16" STAINLESS STEEL BARREL NUT	22	804813*
	3/8" x 3/4" P.B.H.C.S. w/PATCH	22	812052*
	3/8" x 1" P.B.H.C.S. w/PATCH	10	812050*
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	20	812051*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	4	812053*
	3/8" x 1 3/4" P.B.H.C.S. w/PATCH	8	812054*
	3/8" x 2 1/2" P.B.H.C.S. w/PATCH	2	812057*
	3/8" BARREL NUT	10	804804*
	3/8" FLAT WASHER (1 1/4" O.D.)	14	817424*
	3/8" FLAT WASHER	48	817410*
	3/8" LOCK WASHER	64	817334*
	3/8" T-NUT	22	804556*
	3/8" T-NUT STAINLESS STEEL	8	804560*
	1/2" FLAT WASHER (1 3/8" O.D.)	2	817425*
	1/2" LOCKWASHER	2	817342*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

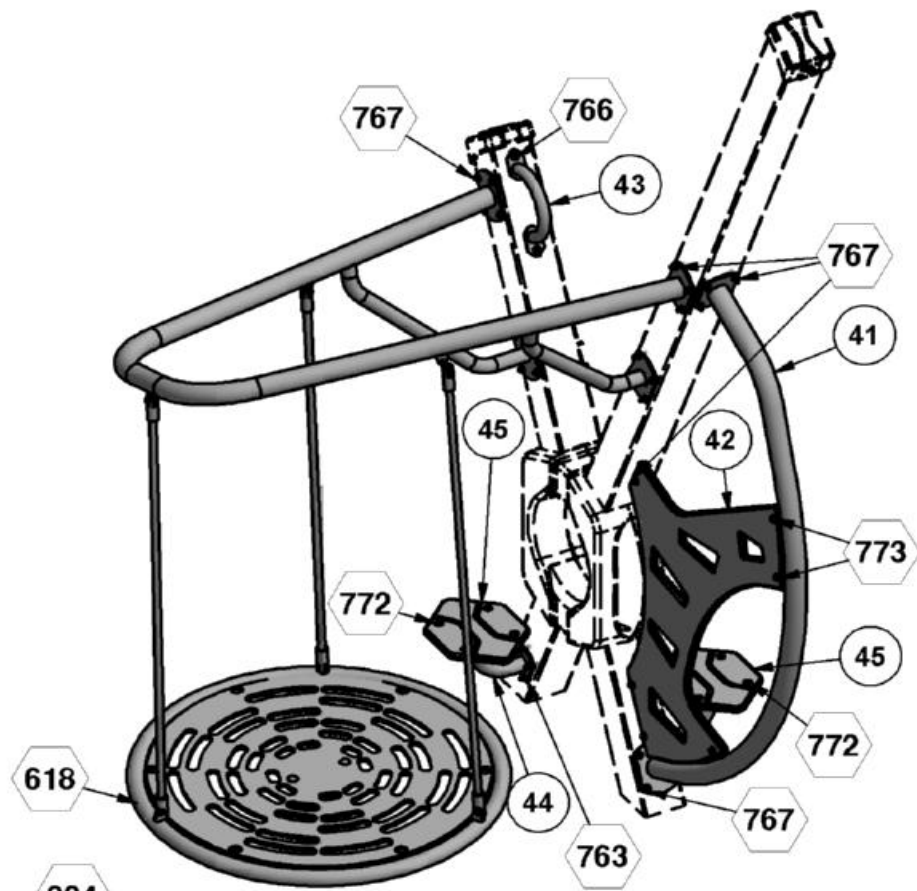
**Warning: During Installation, Hardware And Small Parts Are Choking Hazards
For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed.
Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment
And Dispose/Save Them In A Secure Location.**

**Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.**

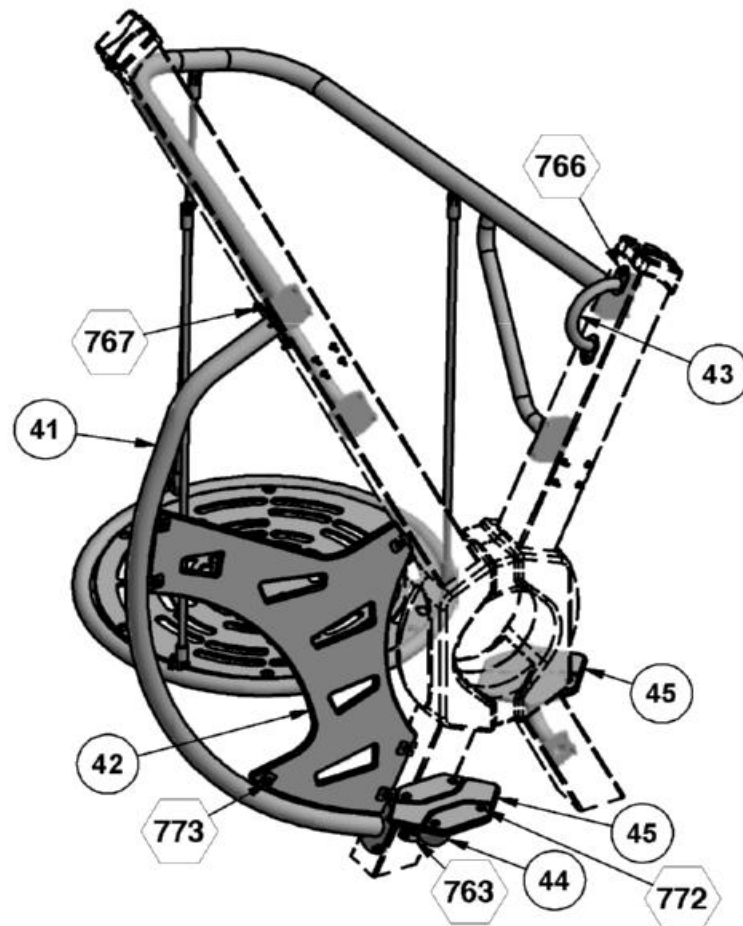
INSTALLATION INSTRUCTIONS

STAGE 2

- STEP 1:** Attach Coated Modern City Deck and Coated Modern City Transfer Platform to Deck Upright Weld Assemblies using Detail 765.
- STEP 2:** Attach Coated Transfer Steps to Coated Modern City Deck and Coated Modern City Transfer Platform using Detail 101.
- STEP 3:** Attach Coated Modern City Deck to the Deck to Upright Weld Assemblies using Detail 775.
- STEP 4:** Attach Deck to Upright Weld Assemblies to Upright Insert Assemblies using Detail 777.
- STEP 5:** Attach Handrail Weld Assemblies to Coated Modern City Deck and Coated Transfer Steps Using Details 102 and 719.
- STEP 6:** Attach Handrail Support Weld Assemblies to Handrail Weld Assemblies and Upright Insert Assemblies using Details 763 and 764.
- STEP 7:** Attach Slide Enclosure Weld Assemblies to Coated Modern City Deck using Detail 087 and attach Slide Enclosure Attachment Weld Assembly to Slide Enclosure Weld Assemblies using Detail 776.
- STEP 8:** Attach Steel Wire Welded Mesh Panel and Enclosure Covers to Slide Enclosure Weld Assemblies using Detail 762.
- STEP 9:** Attach Footbuck to 4' Zip Slide using Detail 195.
- STEP 10:** Attach 4' Zip Slide to the Coated Modern City Deck, Slide Support Plate, and Slide Enclosure Weld Assemblies using Detail 817.
- STEP 11:** Plug Holes on the Slide Enclosure Weld Assemblies using Detail 825.



UNDERNEATH



ASSEMBLY DRAWING
STAGE 3

STAGE 3

Parts List			
REF	DESCRIPTION	QTY	PART NUMBER
32	COATED PLATE SUPPORT WELD ASS'Y	1	214945
33	COATED PLATE FRAME WELD ASS'Y	1	215604
34	FOOTBUCK WELD ASS'Y 3	1	221609
35	COATED WOBBLE PLATE	1	221404
36	CABLE ASS'Y V1	1	215708
37	CABLE ASS'Y V2	1	215709
38	CABLE ASS'Y V3	1	215710
39	SPRING HOLDER	2	210330
40	FORMED SPRING	1	214298
41	HDPE CLIMBER WELD ASS'Y	1	214976
42	HDPE CLIMBER ATTACHMENT	1	214978
43	HANDHOLD WELD ASS'Y	1	215094
44	STEPPER WELD ASS'Y	2	215021
45	HDPE STEP	2	215092
	HARDWARE COMPLETE	1	221604
	3/8" x 3/4" P.B.H.C.S. w/PATCH	8	812052*
	3/8" x 1" P.B.H.C.S. w/PATCH	6	812050*
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	40	812051*
	3/8" BARREL NUT	14	804804*
	3/8" FLAT WASHER	48	817410*
	3/8" LOCK WASHER	54	817334*
	3/8" FLAT WASHER (1 1/4" O.D.)	12	817424*
	3/8" ACORN NUT	6	804002*
	5/16" x 5/8" BUTTON HEAD SHOULDER BOLT	6	802742*
	5/16" LOCK WASHER	6	817330*
	1/4" BARREL NUT	6	804809*
	RUBBER BELLOWS	1	211006*
	1/2" LOCKWASHER	4	817342*
	1/2" LOCKNUT	4	804355*
	1/2 x 1 1/4" CARRIAGE BOLT	2	800431*
	1/2 x 1" CARRIAGE BOLT	2	800433*

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

INSTALLATION INSTRUCTIONS

STAGE 3

STEP 1: Attach Coated Plate Support Weld Assembly to Upright Insert Assemblies using Detail 767.

STEP 2: Attach Cable Assemblies to Coated Plate Support Weld Assembly and Coated Plate Frame Weld Assembly using Detail 618.

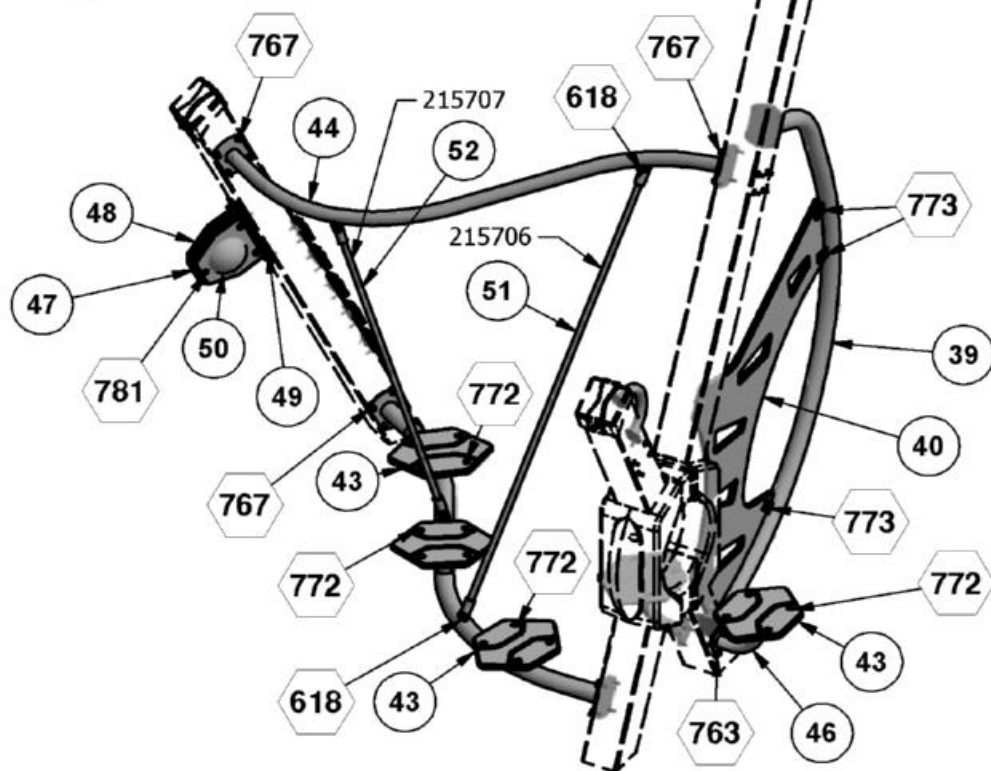
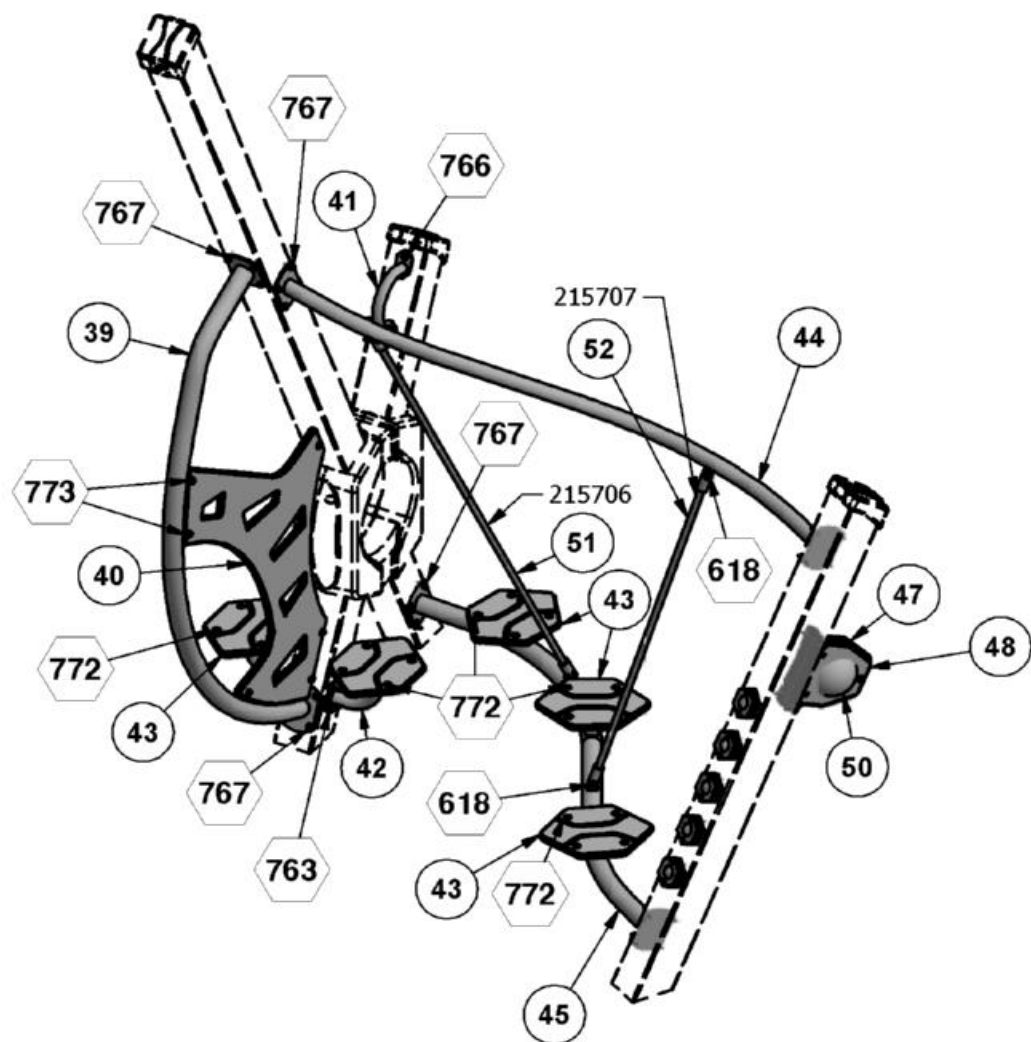
STEP 3: Attach Coated Wobble Plate to Coated Plate Frame Weld Assembly using Detail 769.

STEP 4: Attach Wobble Plate Footbuck Weld Assembly to Coated Wobble Plate using Detail 904.

STEP 5: Attach Stepper Weld Assemblies to Upright Insert Assemblies using Detail 763 and attach HDPE Steps to Stepper Weld Assemblies using Detail 772.

STEP 6: Attach HDPE Climber Weld Assembly to Upright Insert Assemblies using Detail 767 and attach HDPE Climber Attachment to HDPE Climber Weld Assembly using Detail 773.

STEP 7: Attach Handhold Weld Assembly to Upright Insert Assembly using Detail 766.



ASSEMBLY DRAWING
STAGE 4

STAGE 4

Parts List			
REF	DESCRIPTION	QTY	PART NUMBER
41	HDPE CLIMBER WELD ASS'Y	1	214976
42	HDPE CLIMBER ATTACHMENT	1	214978
43	HANDHOLD WELD ASS'Y	1	215094
44	STEPPER WELD ASS'Y	1	215021
45	HDPE STEP	5	215092
46	CURVED CLIMBER TOP WELD ASS'Y	1	215107
47	CURVED CLIMBER WELD ASS'Y	1	214982
48	STEPPER WELD ASS'Y	1	215026
49	MIRROR BALL HDPE 1	1	215484
50	MIRROR BALL HDPE 2	2	215485
51	MIRROR BALL FRAME WELD ASS'Y	1	215488
52	6" MIRROR FINISH S.S. BALL	1	215486
53	CABLE ASS'Y V4	1	215706
54	CABLE ASS'Y V5	1	215707
	HARDWARE COMPLETE	1	215639
	1/4" BARREL NUT	4	804809*
	5/16" x 5/8" BUTTON HEAD SHOULDER BOLT	4	802742*
	5/16" LOCK WASHER	4	817330*
	3/8" x 3/4" P.B.H.C.S. w/PATCH	20	812052*
	3/8" x 1" P.B.H.C.S. w/PATCH	6	812050*
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	38	812051*
	3/8" x 2" P.B.H.C.S. w/PATCH	3	812055*
	3/8" BARREL NUT	29	804804*
	3/8" FLAT WASHER	67	817410*
	3/8" LOCK WASHER	67	817334*
	SS BALL BEARING	5	220405
	1/4" FLATWASHER	10	817457
	1/4" LOCK WASHER	10	817327
	HDPE ROLLER PANEL	10	221696
	1/4" x 2" P.B.H.C.S. w/PATCH	10	812018

*Unless Otherwise Specified, All Units of Measure are Each
* Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

Note: Loctite (supplied by others) should be used on any non-patch hardware.

INSTALLATION INSTRUCTIONS

STAGE 4

STEP 1: Attach Curved Climber Top Weld Assembly and Curved Climber Weld Assembly to Upright Insert Assemblies using Detail 767.

STEP 2: Attach Cable Assemblies to Curved Climber Top Weld Assembly and Curved Climber Weld Assembly using Detail 618 and attach HDPE Steps using Detail 772.

STEP 3: Attach Stepper Weld Assemblies to Upright Insert Assemblies using Detail 763 and attach HDPE Steps to Stepper Weld Assemblies using Detail 772.

STEP 4: Attach HDPE Climber Weld Assembly to Upright Insert Assemblies using Detail 767 and attach HDPE Climber Attachment to HDPE Climber Weld Assembly using Detail 773.

STEP 5: Attach Mirror Ball Frame Weld Assembly, Mirror Ball HDPE 1 and 2, and 6" Mirror Finish S.S. Ball to Upright Insert Assembly using Detail 781.

STEP 6: Secure HDPE Roller Panel and SS Ball Bearings to Upright Insert Assembly per Detail 909.

STEP 7: Attach Handhold Weld Assembly to Upright Insert Assembly using Detail 766.

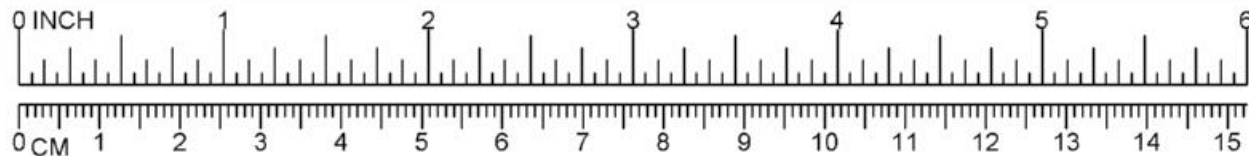
DETAILS -for- MCV1RI

IMPORTANT

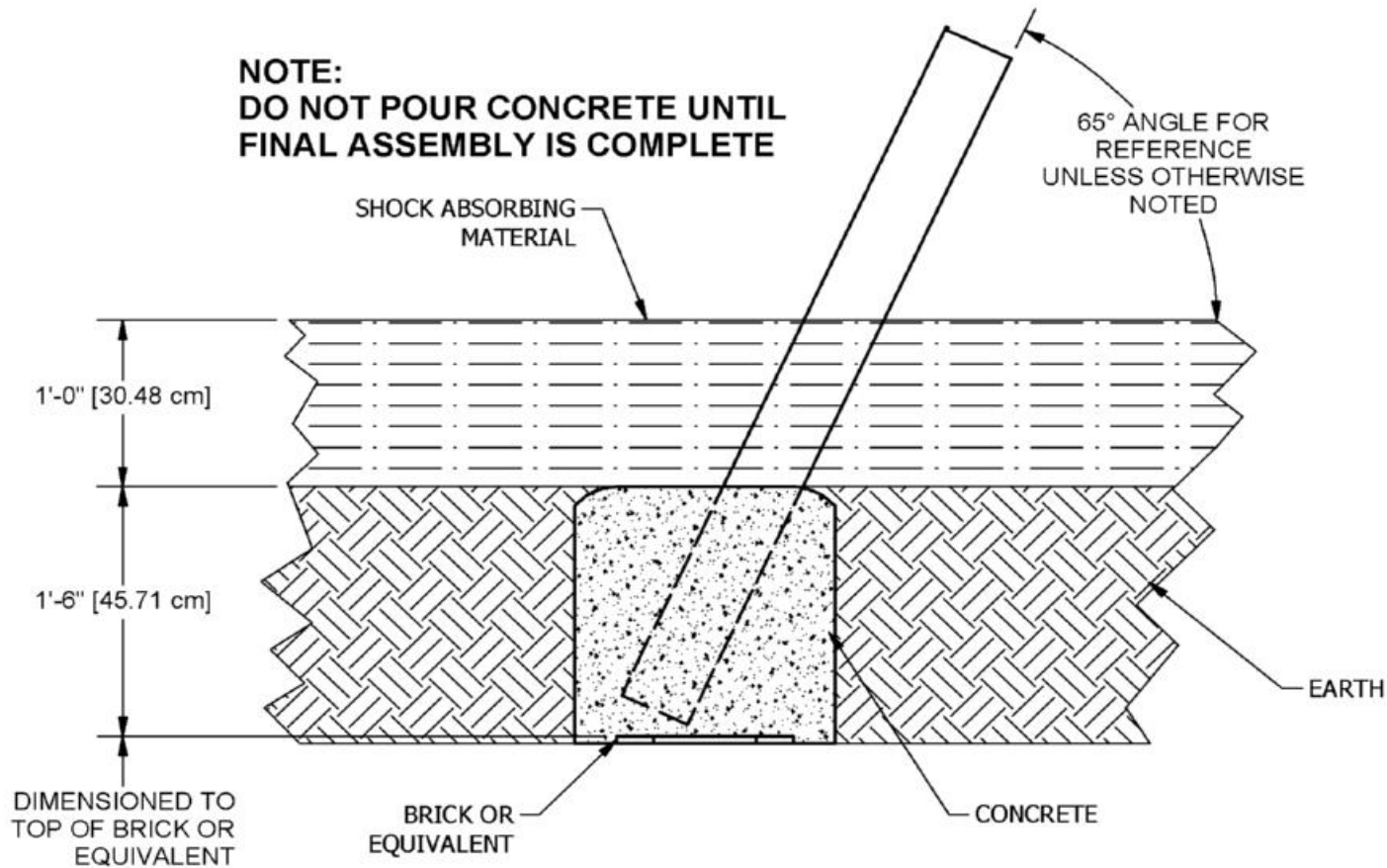
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



**NOTE:
DO NOT POUR CONCRETE UNTIL
FINAL ASSEMBLY IS COMPLETE**



NOTES:

-SLOPED FOOTING (45° MIN) IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY

-SUGGESTED MINIMUM CONCRETE RATING 3000 PSI.

SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED. MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH BEFORE APPLYING SURFACING.

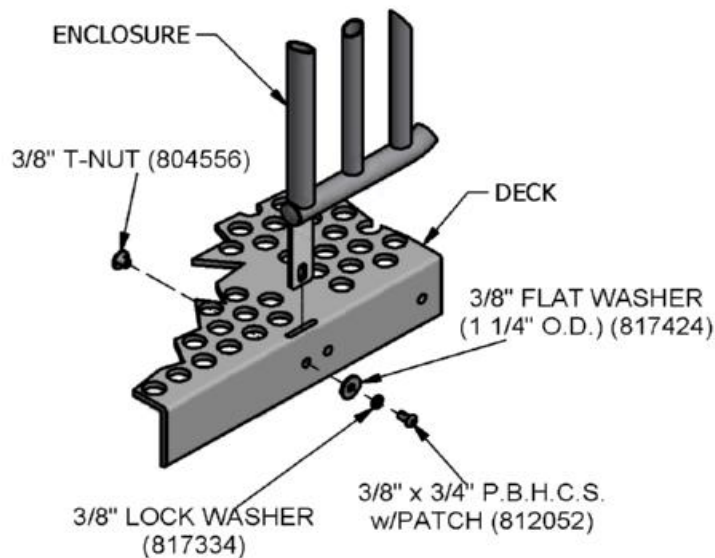
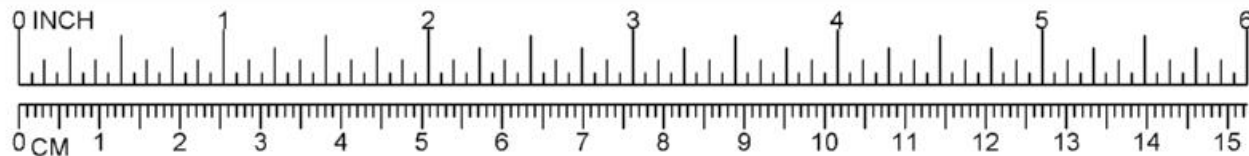
DETAILS -for- MCV1RI

IMPORTANT

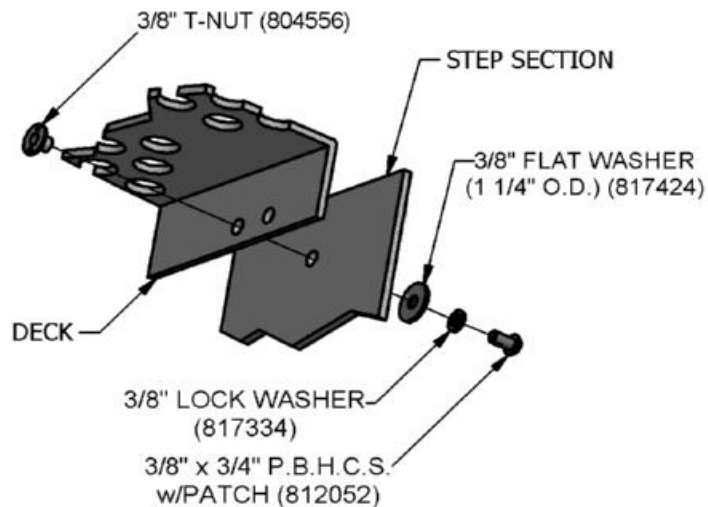
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

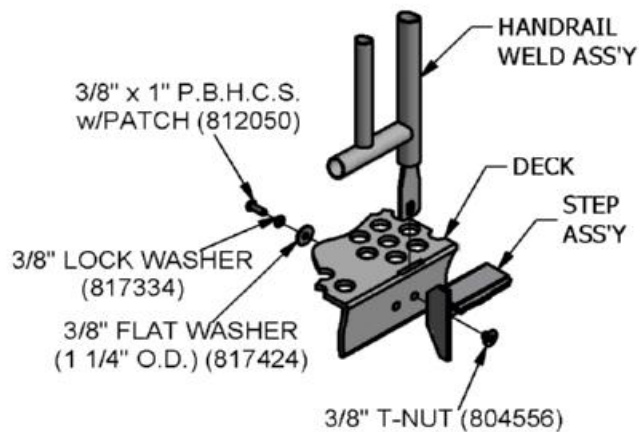
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



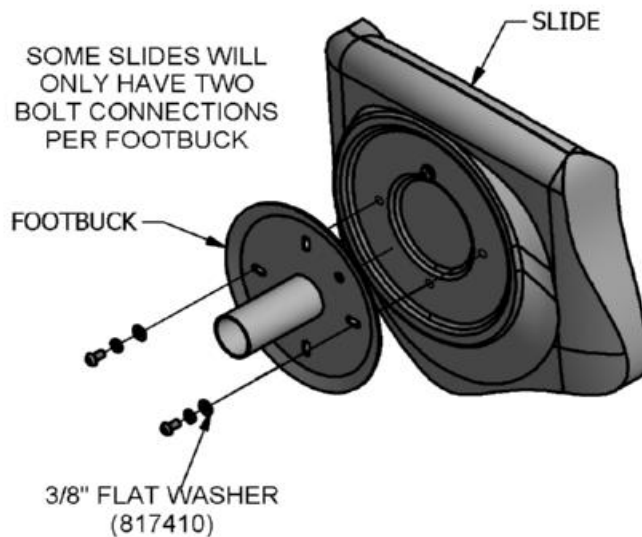
087



101



102



195

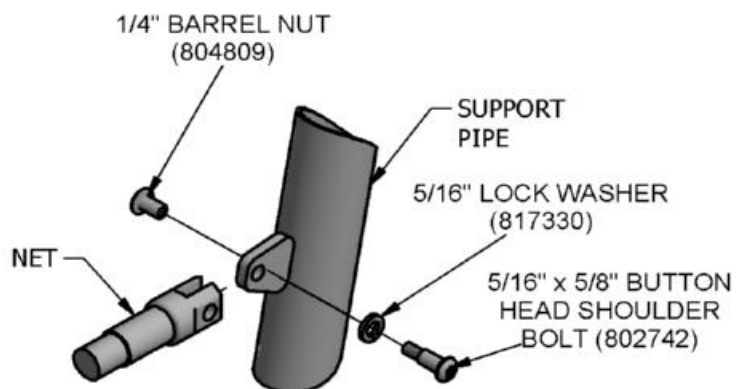
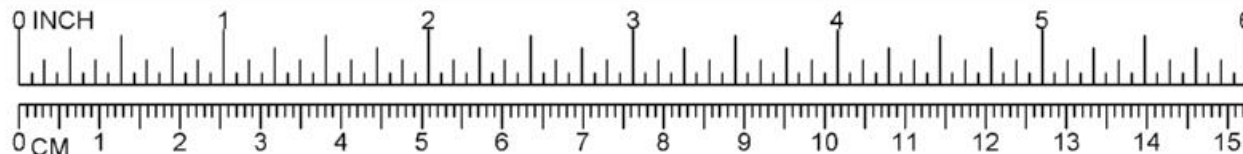
DETAILS -for- MCV1RI

IMPORTANT

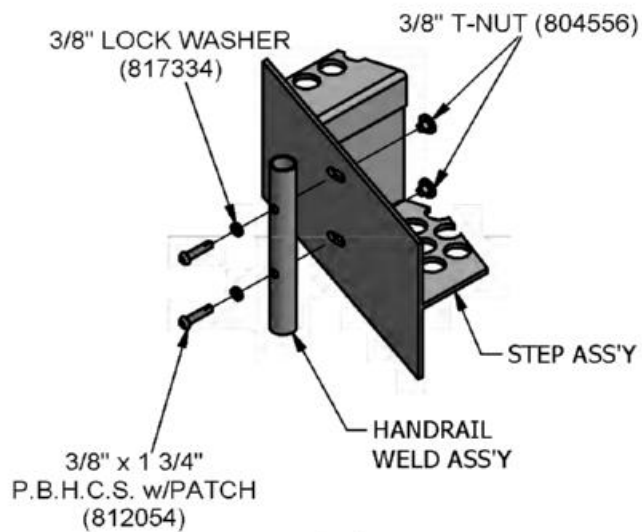
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

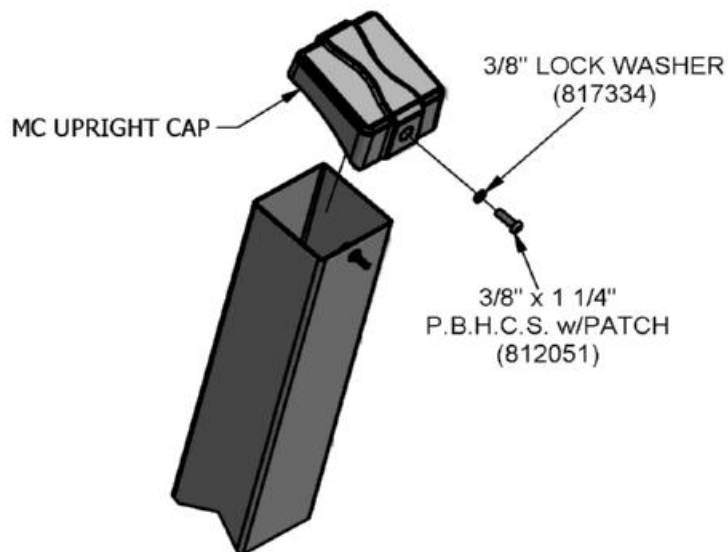
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



618



719



756

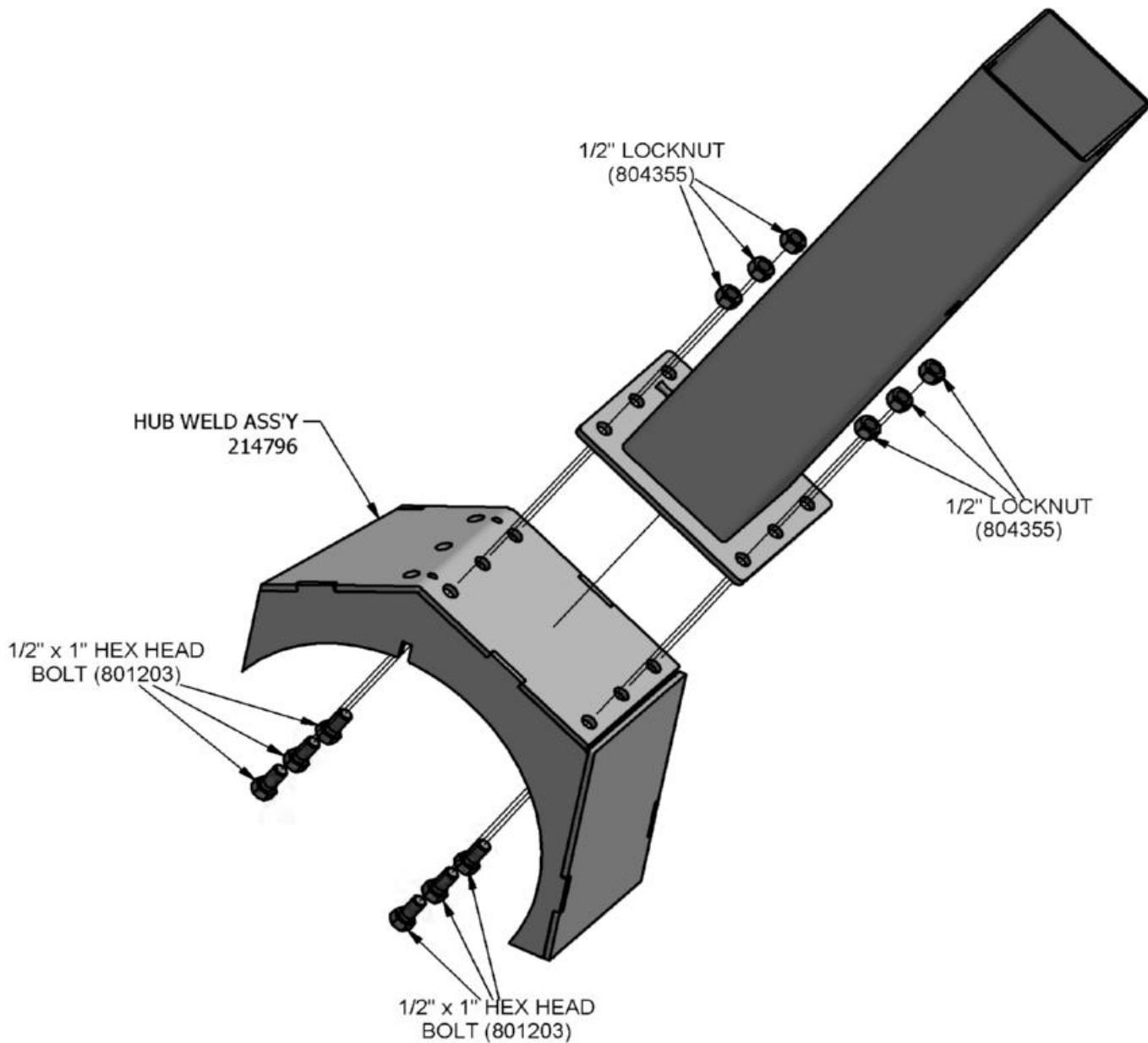
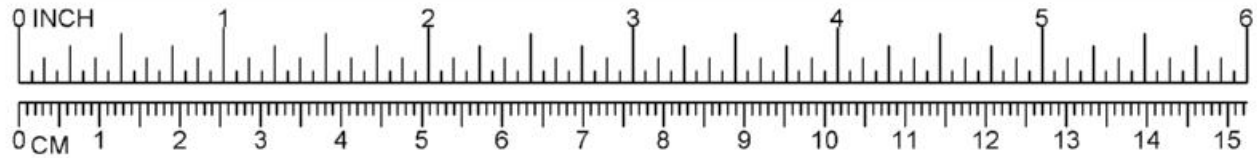
DETAILS -for- MCV1RI

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



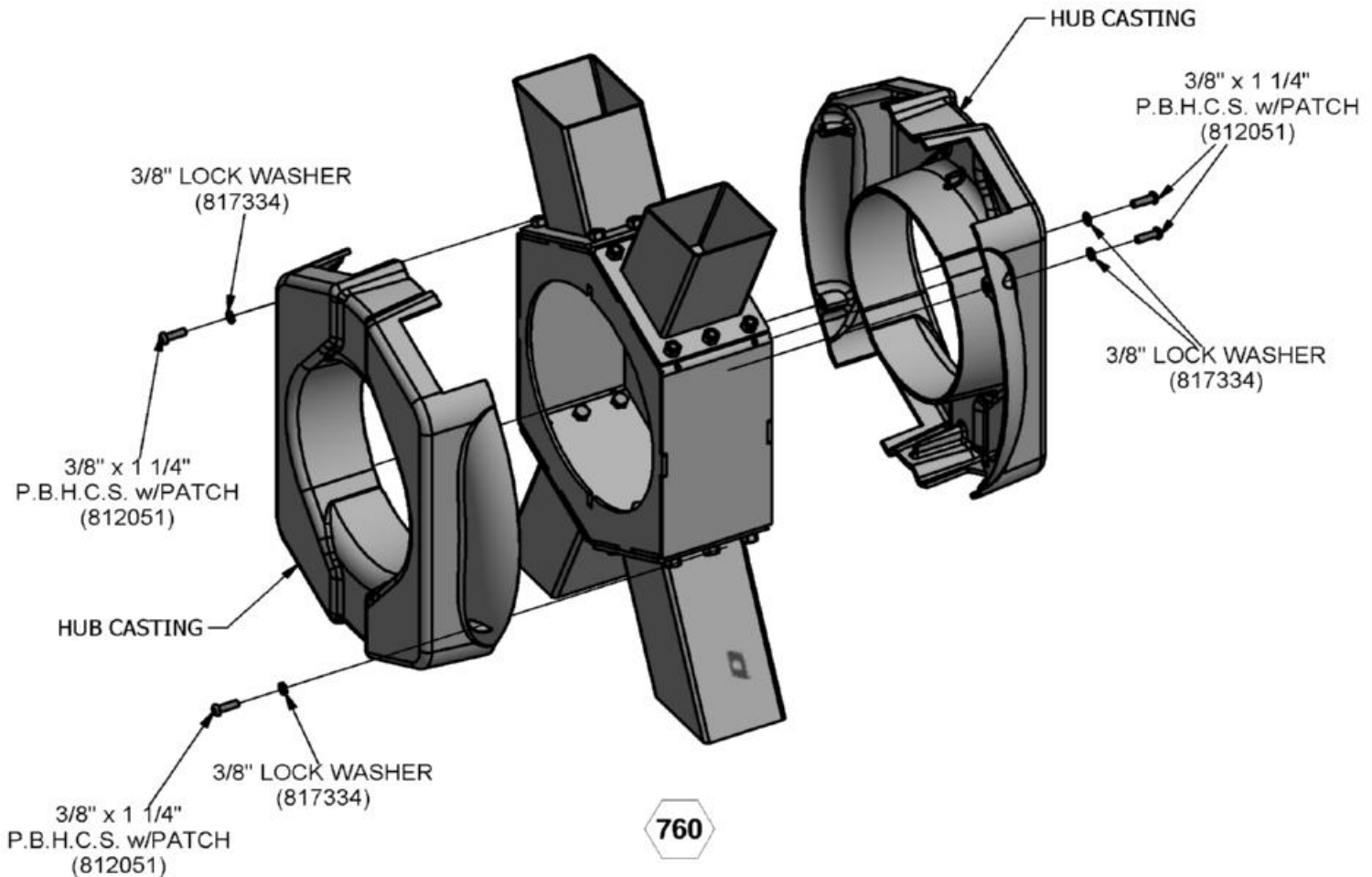
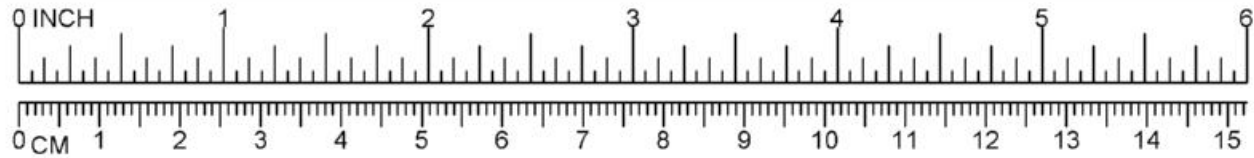
DETAILS -for- MCV1RI

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



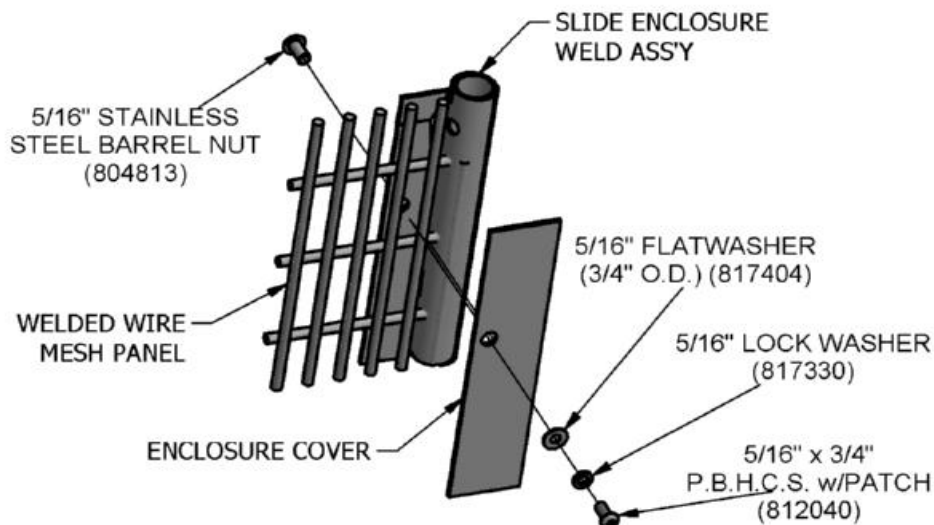
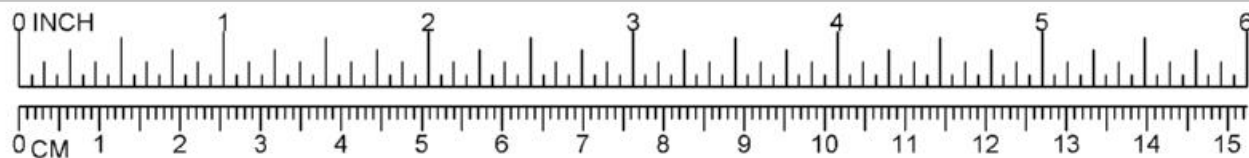
DETAILS -for- MCV1RI

IMPORTANT

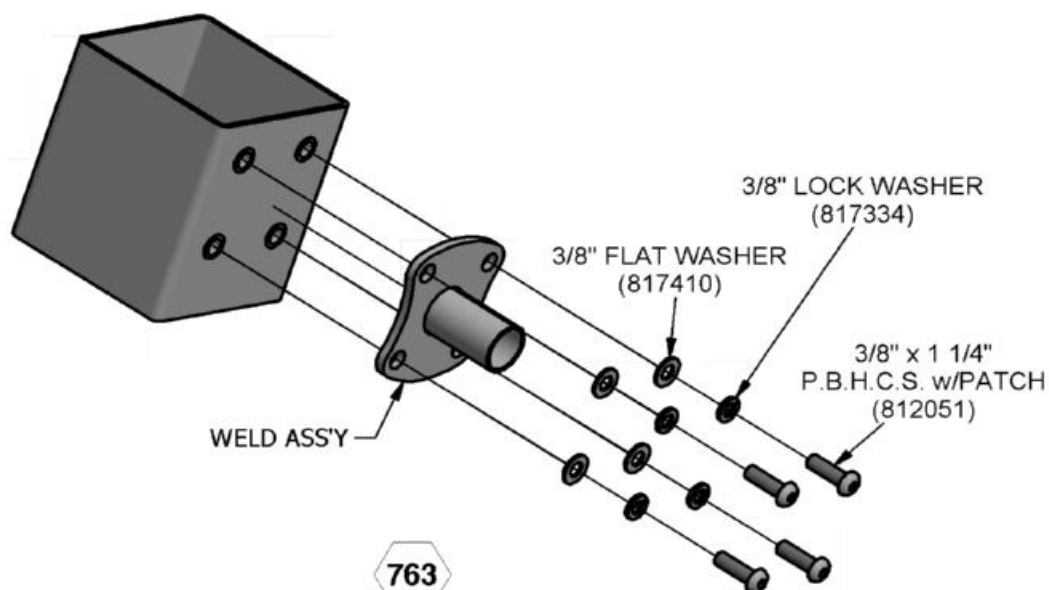
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



762



763

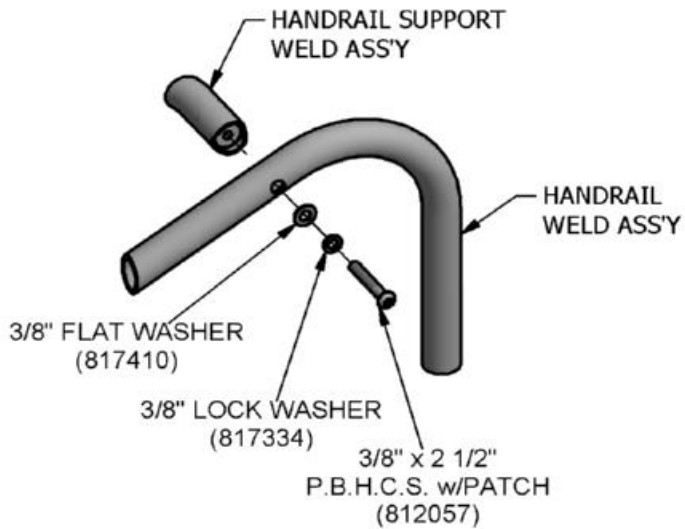
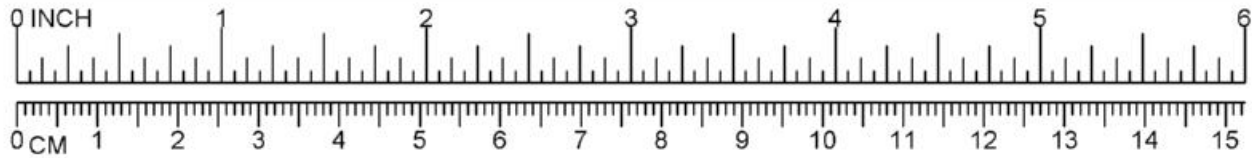
DETAILS -for- MCV1RI

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



764

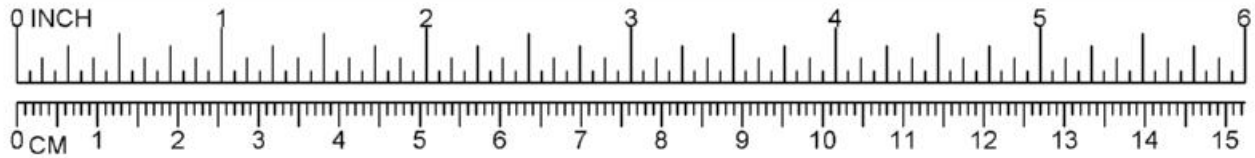
DETAILS -for- MCV1RI

IMPORTANT

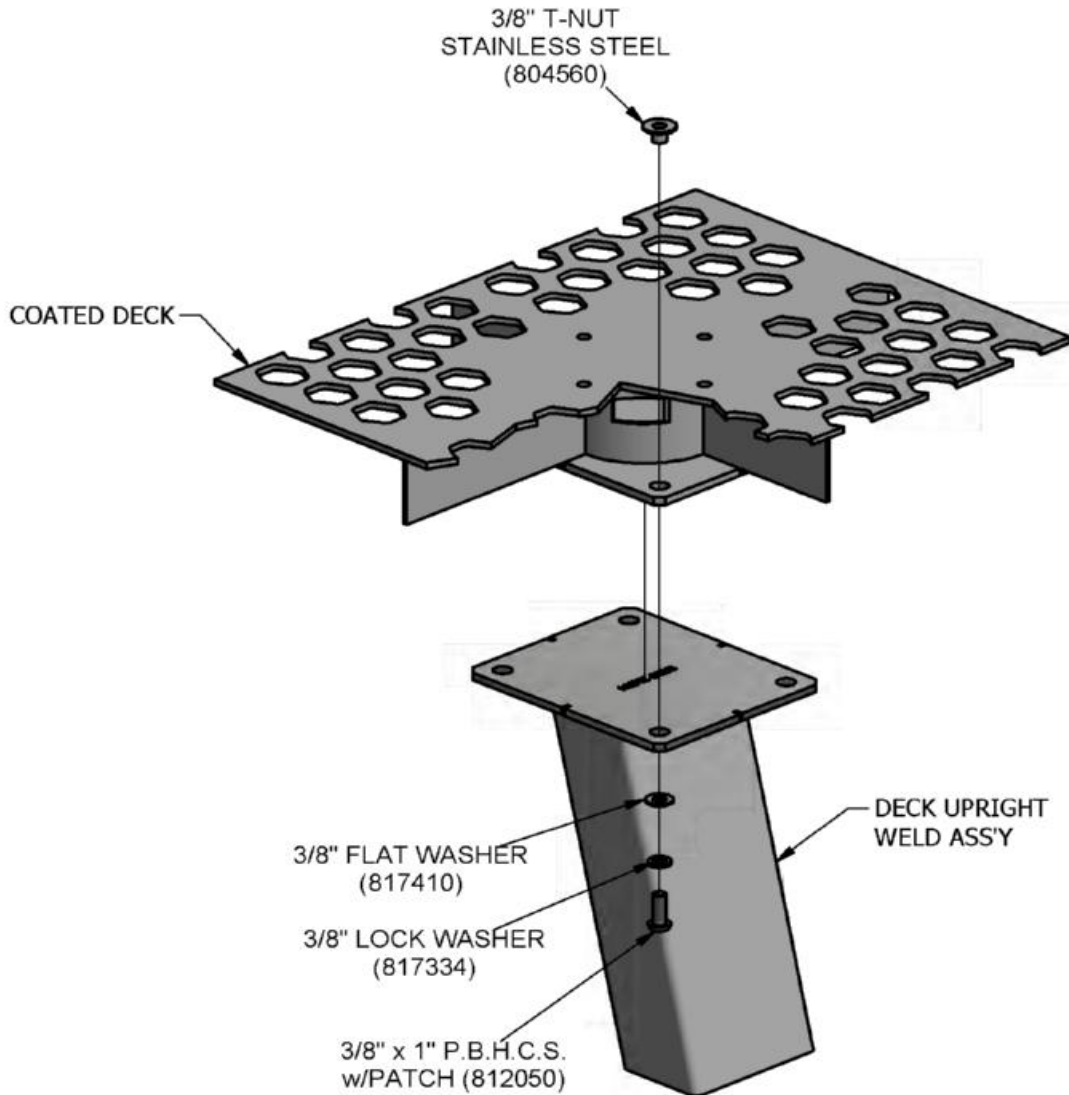
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



NOTE: TEE NUT DOES NOT HAVE
SPANNER WRENCH HOLES.



765

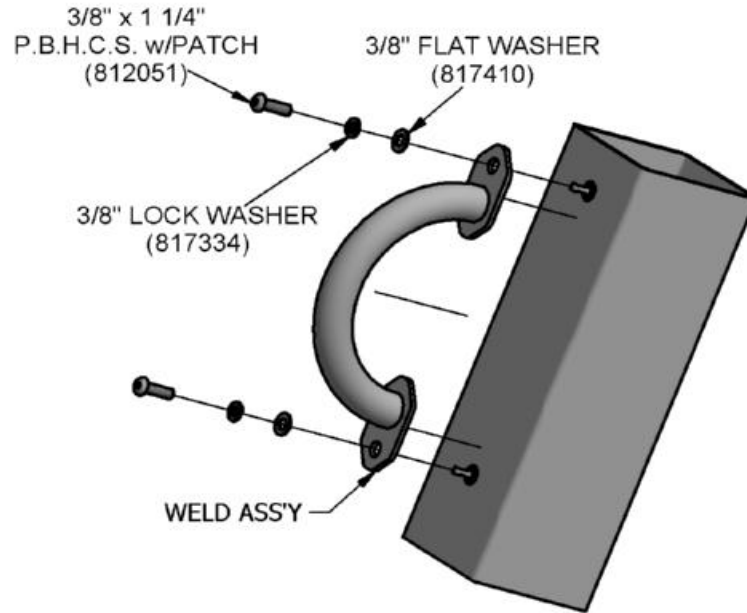
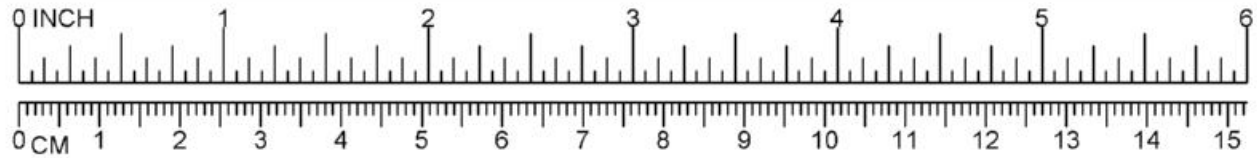
DETAILS -for- MCV1RI

IMPORTANT

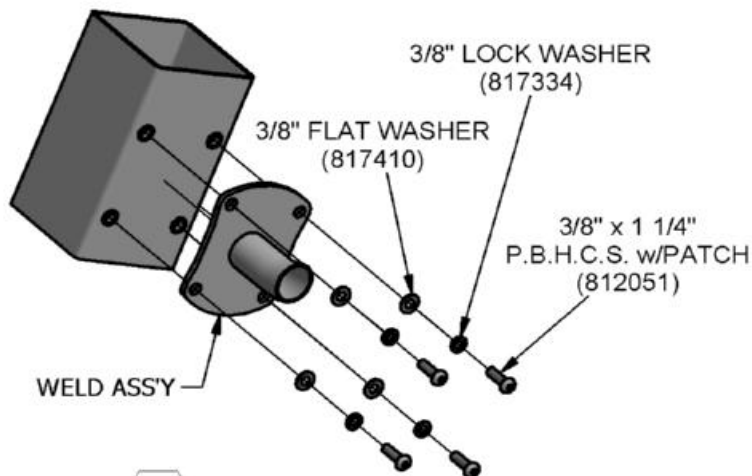
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



766



767

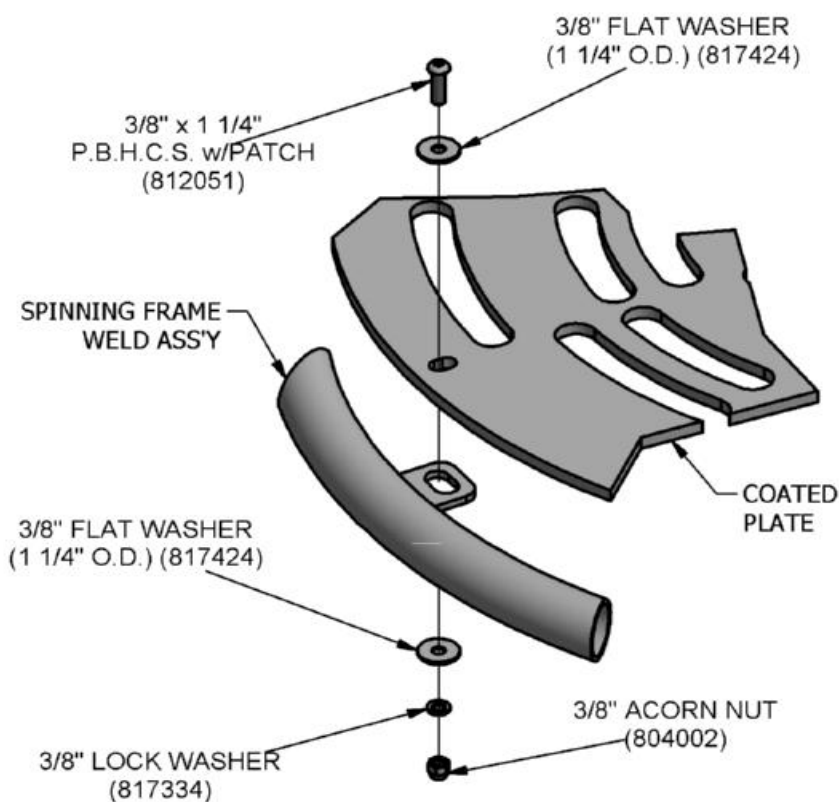
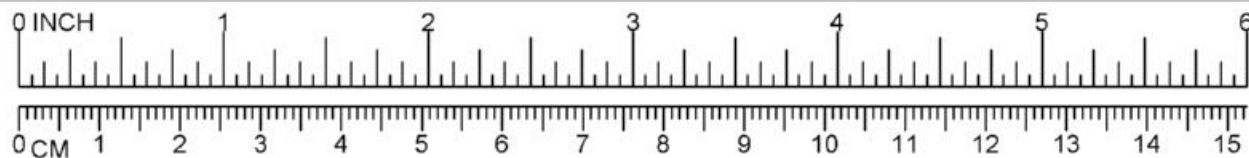
DETAILS -for- MCV1RI

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



769

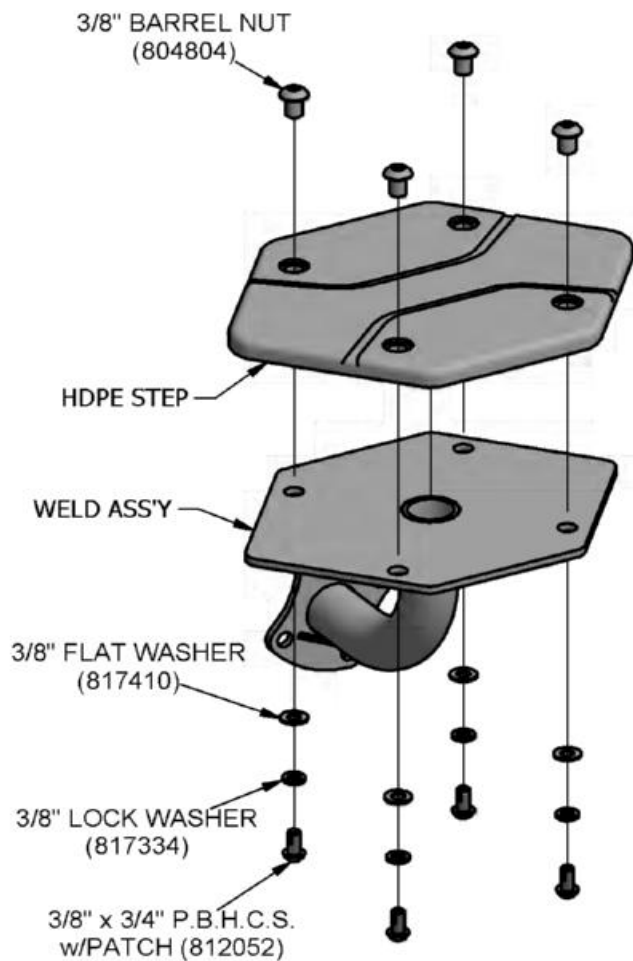
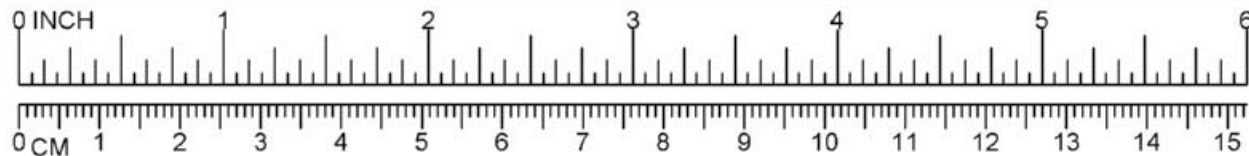
DETAILS -for- MCV1RI

IMPORTANT

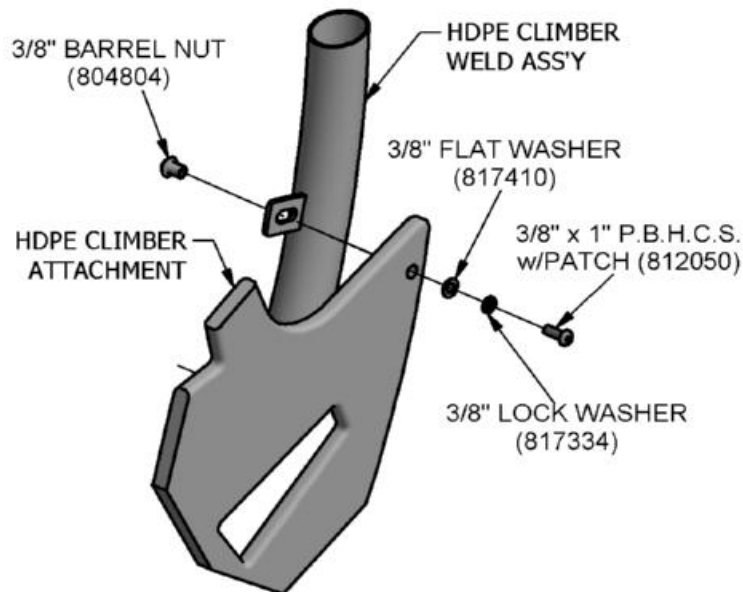
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



772



773

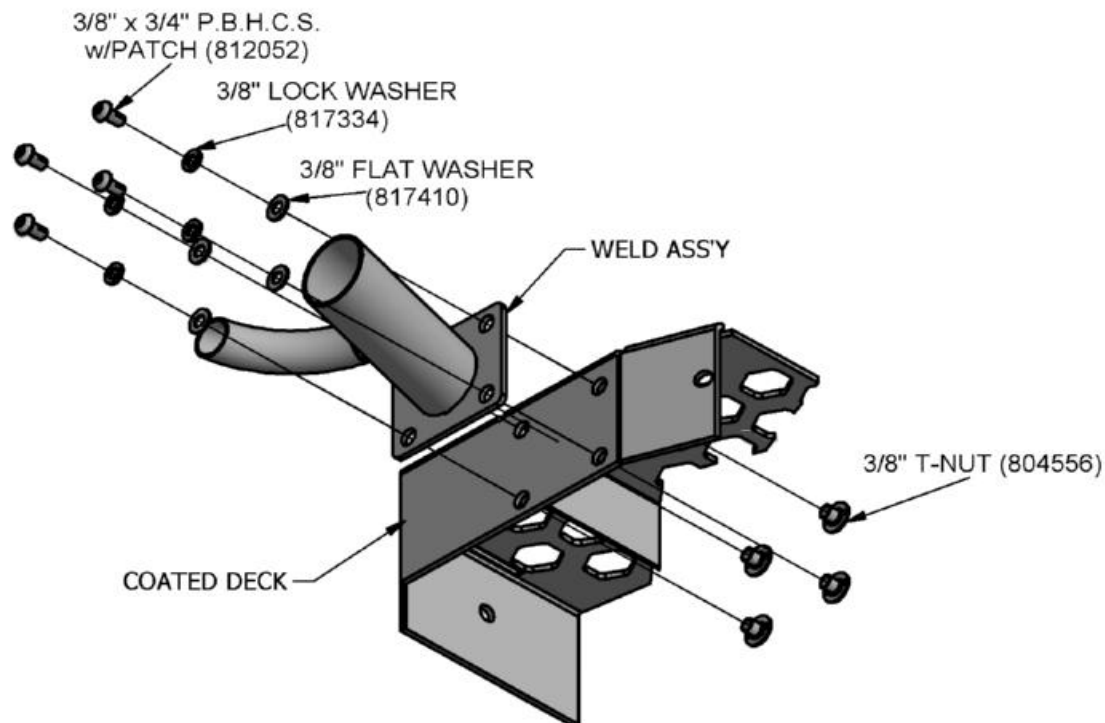
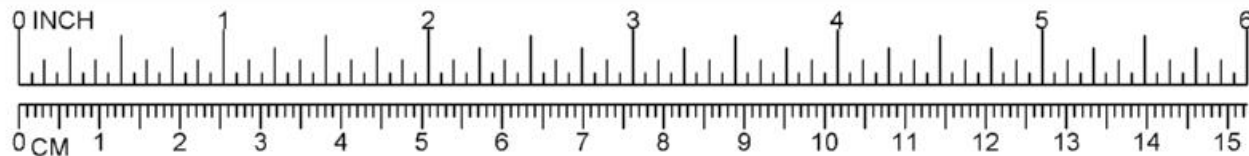
DETAILS -for- MCV1RI

IMPORTANT

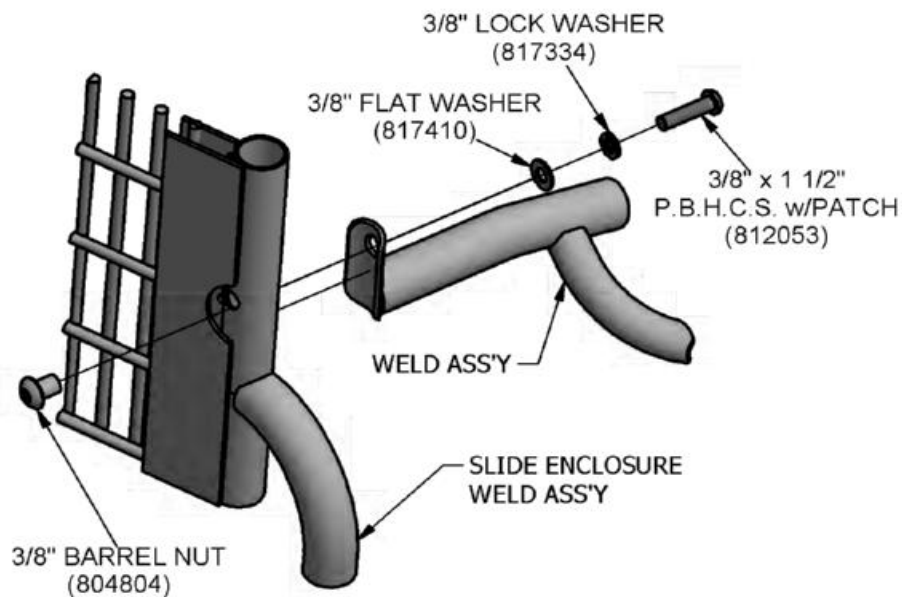
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



775



776

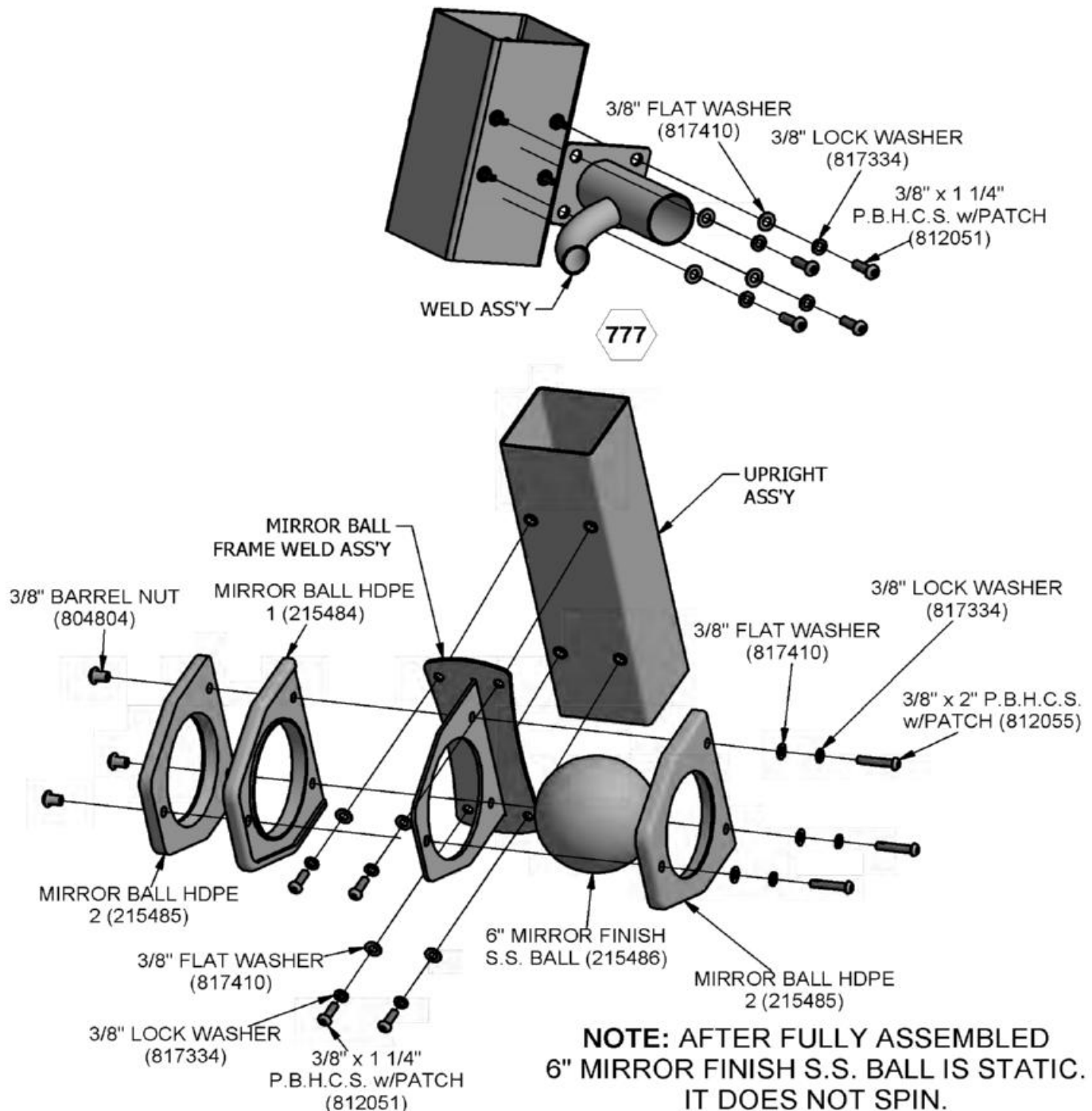
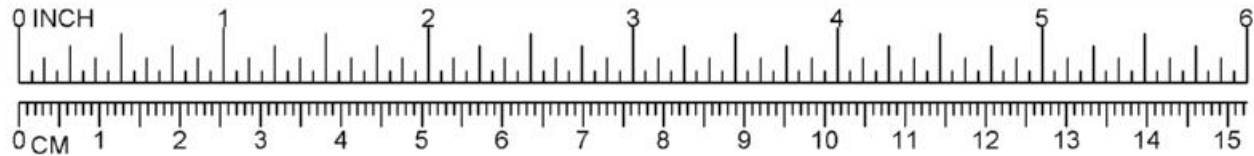
DETAILS -for- MCV1RI

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



NOTE: AFTER FULLY ASSEMBLED 6" MIRROR FINISH S.S. BALL IS STATIC. IT DOES NOT SPIN.

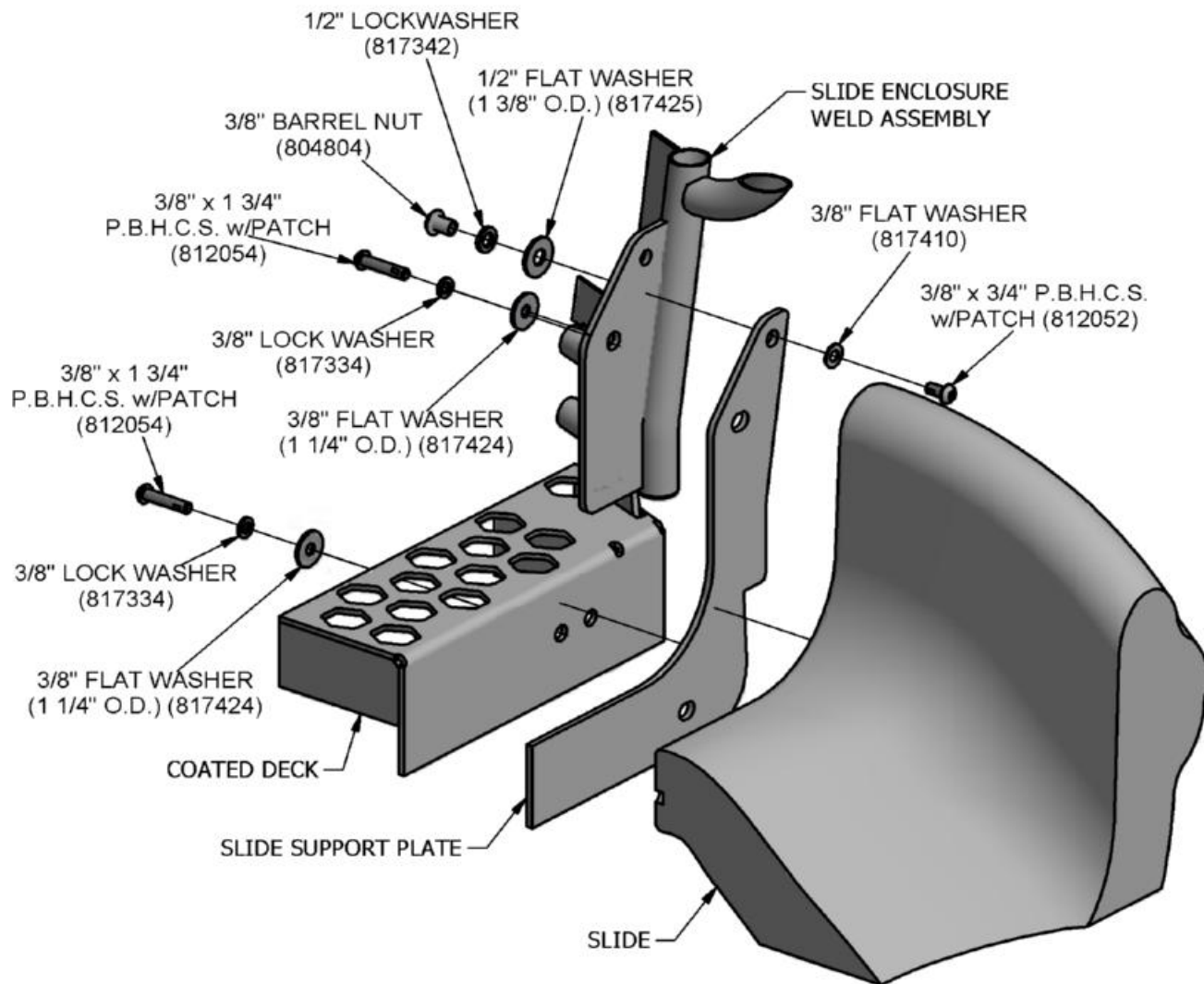
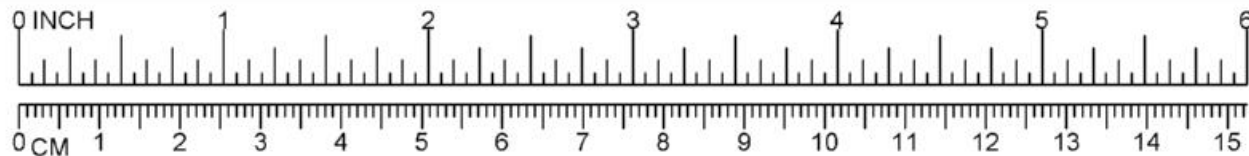
DETAILS -for- MCV1RI

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



817

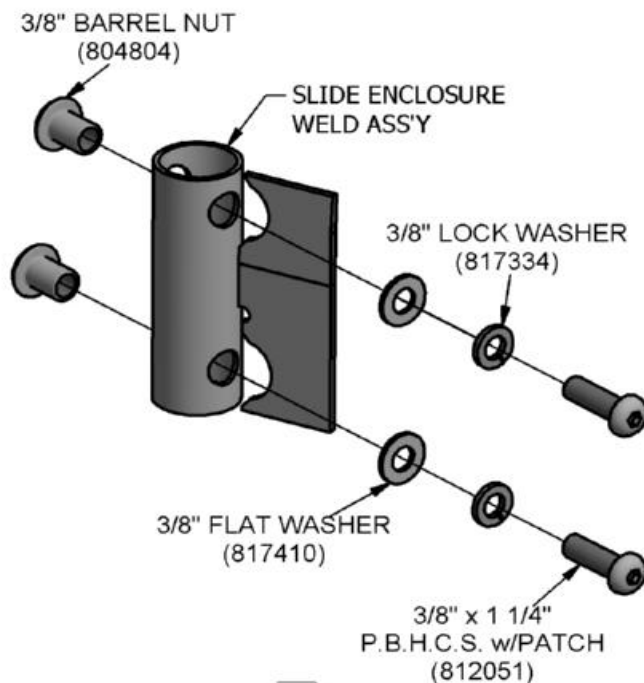
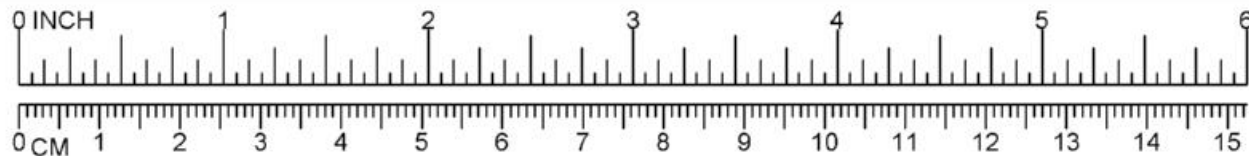
DETAILS -for- MCV1RI

IMPORTANT

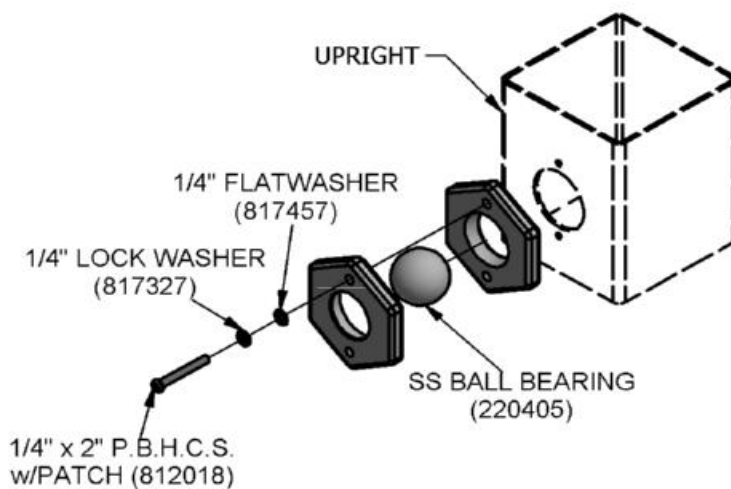
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



825



909

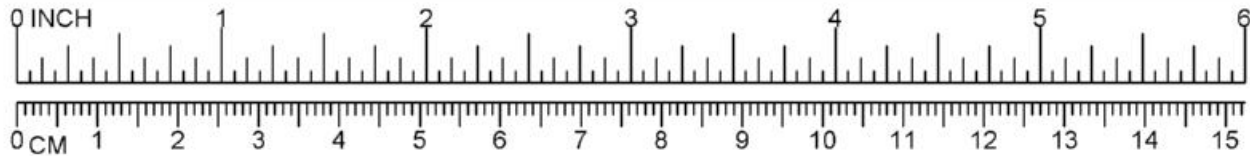
DETAILS -for- MCV1RI

IMPORTANT

TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

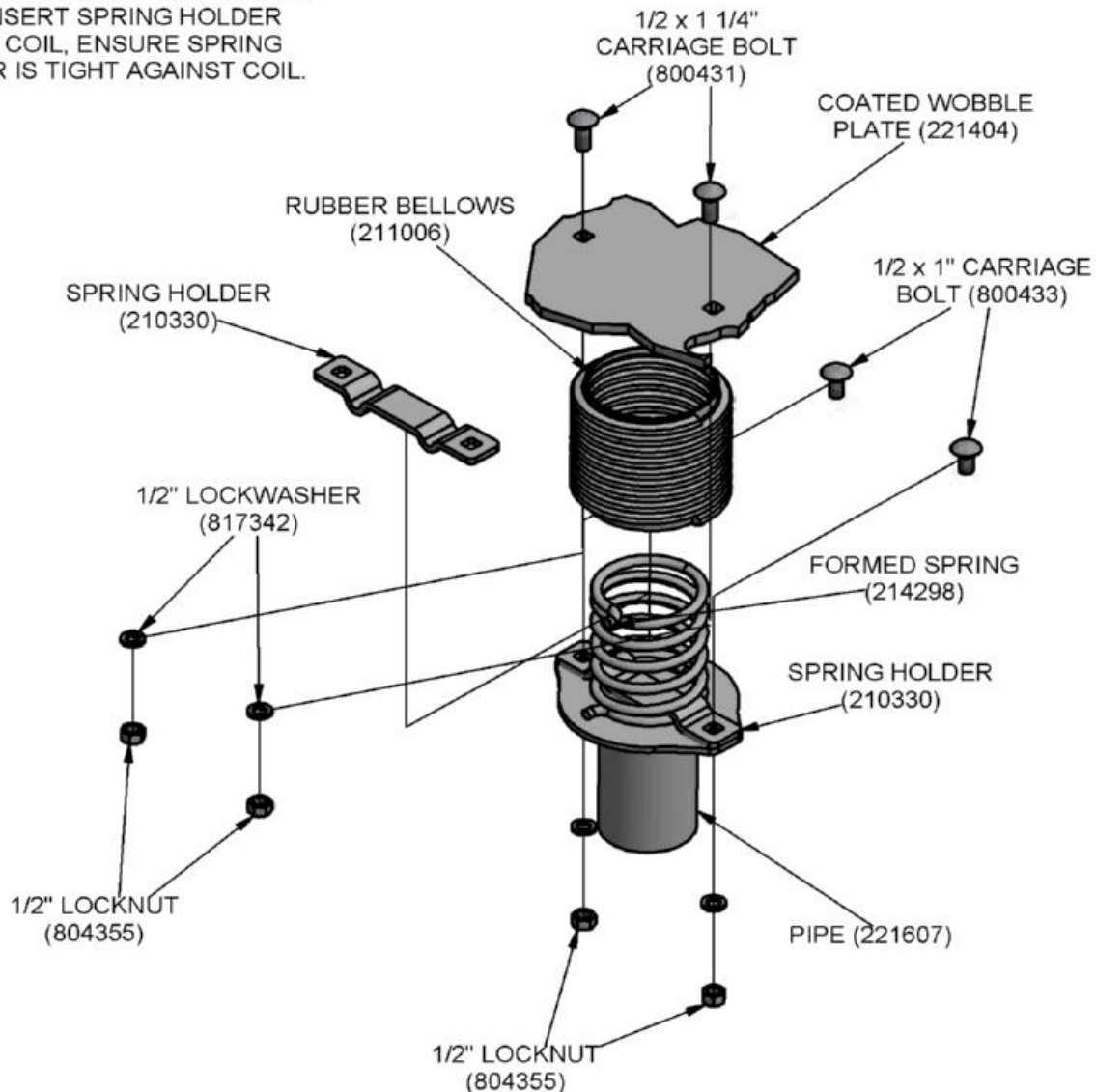
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



NOTE:

- 1) INSERT SPRING HOLDER ON THE FIRST COIL OF THE SPRING TO FIT LEVEL.
- 2) PLACE RUBBER BELLOWS OVER SPRING.
- 3) COMPRESS RUBBER BELLOWS THEN INSERT SPRING HOLDER IN LAST COIL, ENSURE SPRING HOLDER IS TIGHT AGAINST COIL.

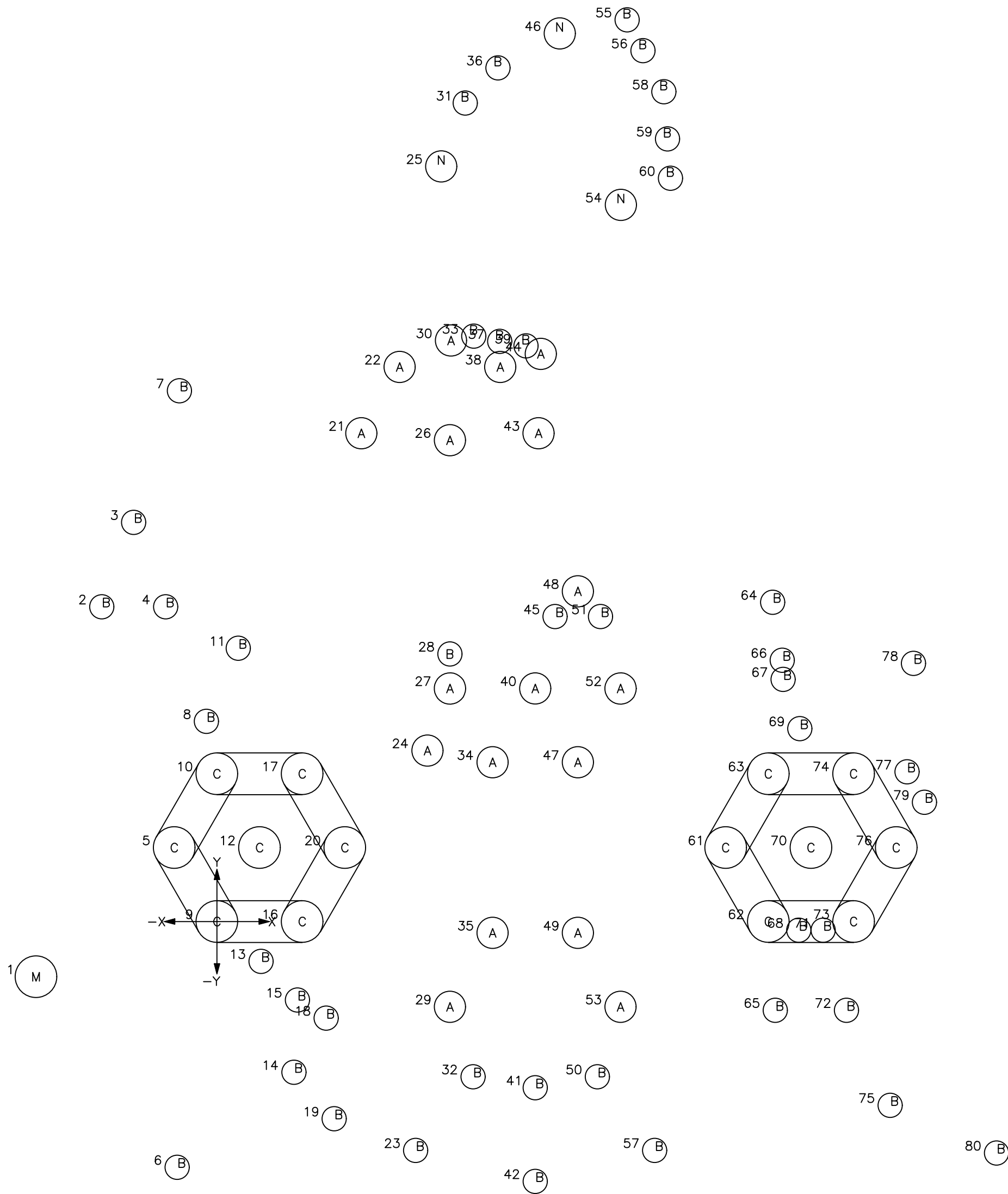


FOOTINGS ORDINATE TABLE			
HOLE	X	Y	DIAG
1	-8'-8"	-2'-7 1/2"	9'-0 1/2"
2	-5'-6"	15'-1"	16'-0 1/2"
3	-4'	19'-1"	19'-6"
4	-2'-5 1/2"	15'-1"	15'-3"
5	-2'-0 1/2"	3'-6 1/2"	4'-1"
6	-1'-11"	-11'-9 1/2"	11'-11"
7	-1'-9 1/2"	25'-5"	25'-5 1/2"
8	-6"	9'-7"	9'-7"
9	0"	0"	0"
10	0"	7'-1"	7'-1"
11	1'-0 1/2"	13'-1"	13'-1 1/2"
12	2'-0 1/2"	3'-6 1/2"	4'-1"
13	2'-1 1/2"	-1'-11"	2'-10"
14	3'-8 1/2"	-7'-2 1/2"	8'-1 1/2"
15	3'-10 1/2"	-3'-9"	5'-4 1/2"
16	4'-1"	0"	4'-1"
17	4'-1"	7'-1"	8'-2"
18	5'-3"	-4'-7 1/2"	7'
19	5'-7 1/2"	-9'-5 1/2"	11'
20	6'-1 1/2"	3'-6 1/2"	7'-1"
21	6'-11"	23'-4 1/2"	24'-4 1/2"
22	8'-9"	26'-6 1/2"	27'-11 1/2"
23	9'-6"	-10'-11 1/2"	14'-6"
24	10'-1"	8'-2"	13'
25	10'-9"	36'-2"	37'-8 1/2"
26	11'-2"	23'-0 1/2"	25'-7"
27	11'-2"	11'-2"	15'-9 1/2"
28	11'-2"	12'-9 1/2"	17'
29	11'-2"	-4'-1"	11'-10 1/2"
30	11'-2 1/2"	27'-9 1/2"	30'
31	11'-10 1/2"	39'-2"	40'-11 1/2"
32	12'-3"	-7'-5"	14'-4"
33	12'-3 1/2"	28'-0 1/2"	30'-7"
34	13'-2 1/2"	7'-7 1/2"	15'-3"
35	13'-2 1/2"	-6 1/2"	13'-2 1/2"
36	13'-5 1/2"	40'-10 1/2"	43'-0 1/2"
37	13'-6 1/2"	27'-9 1/2"	30'-11"
38	13'-7"	26'-6 1/2"	29'-10"
39	14'-9 1/2"	27'-6 1/2"	31'-3 1/2"
40	15'-3"	11'-2"	18'-10 1/2"
41	15'-3"	-7'-11 1/2"	17'-2 1/2"
42	15'-3"	-12'-5 1/2"	19'-8"
43	15'-5"	23'-4 1/2"	28'
44	15'-6"	27'-2"	31'-3 1/2"
45	16'-2 1/2"	14'-7"	21'-9 1/2"
46	16'-5"	42'-6"	45'-7"
47	17'-3 1/2"	7'-7 1/2"	18'-10 1/2"
48	17'-3 1/2"	15'-9 1/2"	23'-5"
49	17'-3 1/2"	-6 1/2"	17'-3 1/2"
50	18'-2 1/2"	-7'-5"	19'-8"
51	18'-4 1/2"	14'-7"	23'-5 1/2"
52	19'-4"	11'-2"	22'-3 1/2"
53	19'-4"	-4'-1"	19'-9"
54	19'-4"	34'-3 1/2"	39'-4 1/2"
55	19'-7 1/2"	43'-2"	47'-5"
56	20'-4 1/2"	41'-8"	46'-5"
57	20'-11 1/2"	-10'-11 1/2"	23'-8"
58	21'-5"	39'-8 1/2"	45'-1 1/2"
59	21'-7"	37'-5 1/2"	43'-3"
60	21'-8 1/2"	35'-7"	41'-8"
61	24'-4"	3'-6 1/2"	24'-7 1/2"
62	26'-4 1/2"	0"	26'-4 1/2"
63	26'-4 1/2"	7'-1"	27'-4"
64	26'-7"	15'-3 1/2"	30'-8"
65	26'-9"	-4'-3"	27'-1"
66	27'-1"	12'-6"	29'-10"
67	27'-1"	11'-7"	29'-5 1/2"
68	27'-10"	-5"	27'-10 1/2"
69	27'-11"	9'-2 1/2"	29'-4 1/2"
70	28'-5"	3'-6 1/2"	28'-8"
71	29'	-5"	29'-0 1/2"
72	30'-1 1/2"	-4'-3"	30'-5 1/2"
73	30'-5 1/2"	0"	30'-5 1/2"
74	30'-5 1/2"	7'-1"	31'-3 1/2"
75	32'-2 1/2"	-8'-9 1/2"	33'-5"
76	32'-6"	3'-6 1/2"	32'-8 1/2"
77	33'-0 1/2"	7'-2"	33'-9 1/2"
78	33'-4"	12'-4 1/2"	35'-7"
79	33'-10 1/2"	5'-8 1/2"	34'-4"
80	37'-4"	-11'-1"	38'-11 1/2"

* IN GROUND 91708 EXTENSION REQUIRED

FOOTINGS TABLE			
TYPE	DIAMETER/SIDE	DEPTH*	QTY.
A	1'-6" [45.72cm]	2'-6" [76.20cm]	18
B	1'-2" [35.56cm]	2'-6" [76.20cm]	44
C	2'-0" [60.96cm]	4'-0" [121.92cm]	14
M	2'-0" [60.96cm]	3'-6" [106.68cm]	1
N	1'-6" [45.72cm]	3'-6" [106.68cm]	3

*DEPTH IS MEASURED FROM FINISHED GRADE



150 PlayCore Drive SE
Fort Payne, AL 35967
www.gametime.com

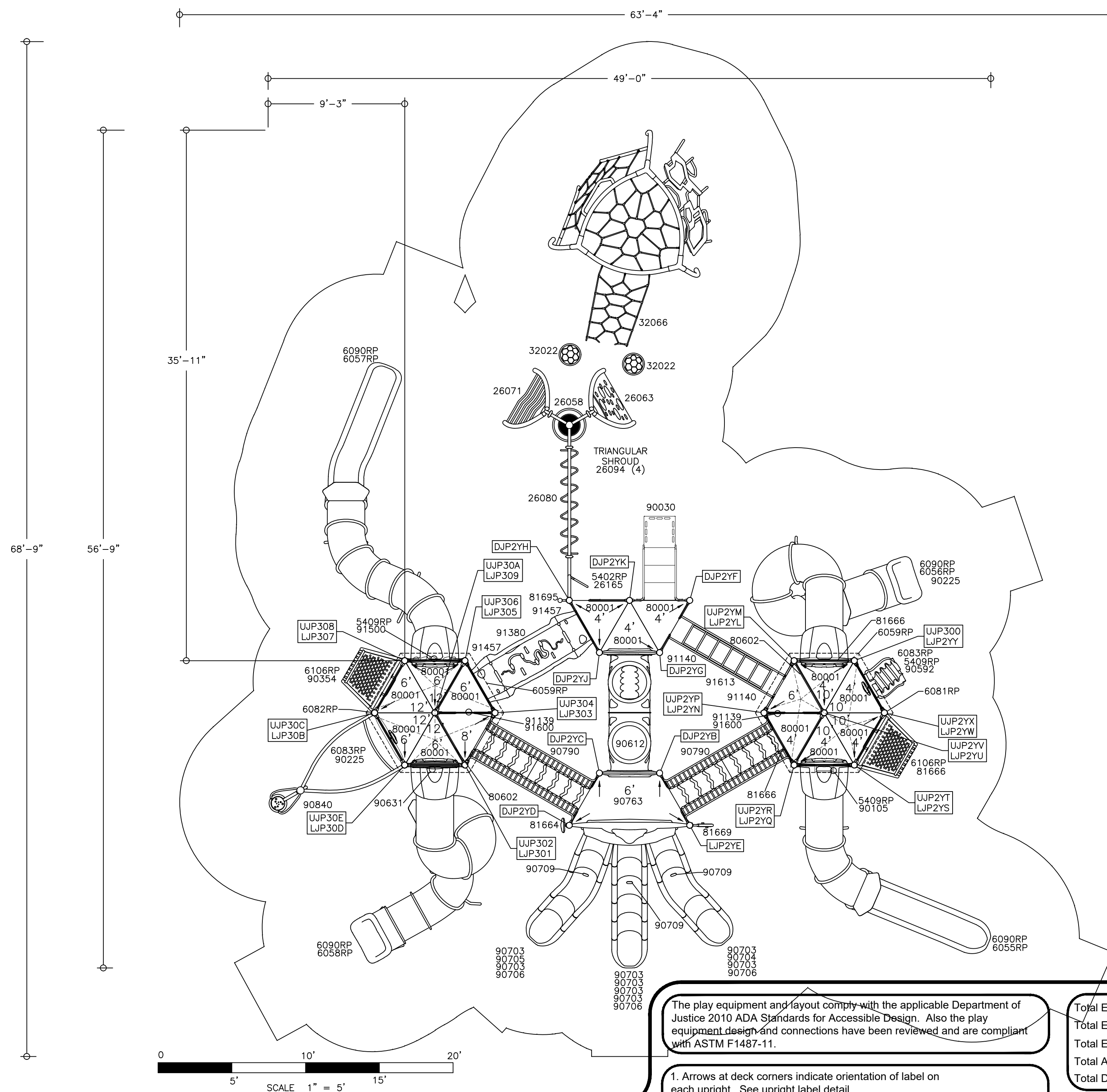
3026300

FORT BRAGG, CA
Representative
MARTURANO RECREATION

Notes:
1. Hole depths indicated on all ground plans are measured from the finished surface. All footing dimensions are based on level finished surface.
2. On non-lettered holes, to ensure concrete requirements please refer to each components installation sheets.

Minimum Area Required:
48'-11" X 41'-0"
Scale: 1" = 5'-0"
This drawing can be scaled only when in an 18" x 24" format

Drawn By:
VW
Date:
01/30/2023
GT Order #:
3026300



The play equipment and layout comply with the applicable Department of Justice 2010 ADA Standards for Accessible Design. Also the play equipment design and connections have been reviewed and are compliant with ASTM F1487-11.

1. Arrows at deck corners indicate orientation of label on each upright. See upright label detail.
2. Owner/operator shall install and maintain protective surfacing within the use zone (U.S.) or protective surfacing zone (Canada) of all play equipment to comply with ASTM F1292, F1951, F2075, F2223, F2479, and F1487 (U.S.) or CAN/CSA Z614 (Canada).
3. Larger overall dimensions shown represent ASTM use zone and CSA protective surfacing zone. For Canadian installations only, an additional 1.8m long no-encroachment zone is required beyond the protective surfacing zone of slides, track rides and other play equipment causing the user to be propelled forward.

Total Elevated Play Components	19		
Total Elevated Play Components Accessible By Ramp	0	Required	0
Total Elevated Components Accessible By Transfer	19	Required	10
Total Accessible Ground Level Components Shown	10	Required	6
Total Different Types Of Ground Level Components	4	Required	3

Minimum Area Required:
48'-11" X 41'-0"
Scale: 1" = 5'-0"
This drawing can be scaled only when in an 18" x 24" format

Drawn By:
VW
Date:
01/30/2023
GT Order #:
3026300

01/30/2023 10:34:18 AM