

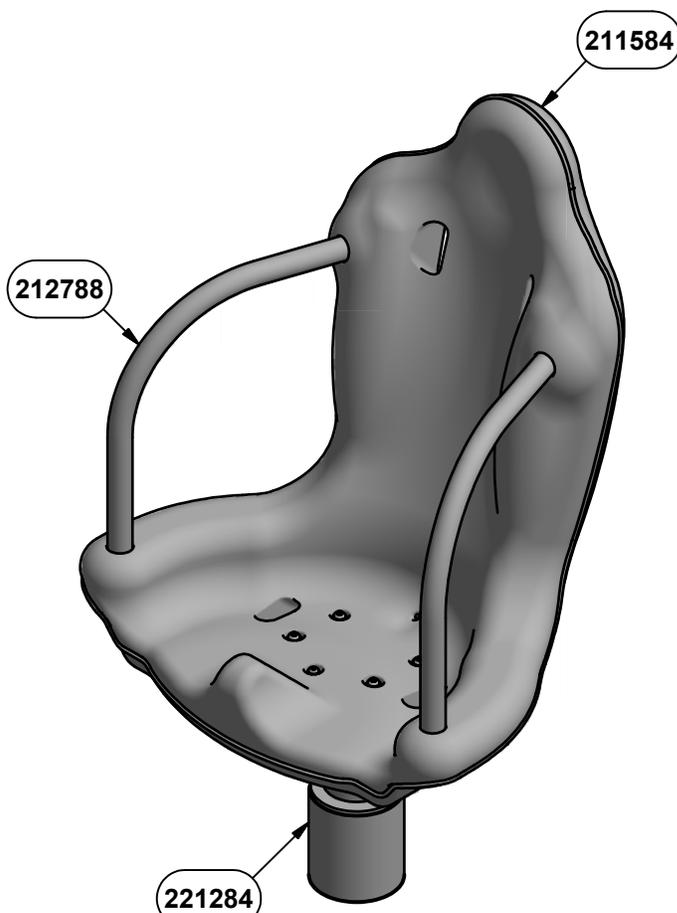


A PLAYCORE Company
1-800-235-2440

3274

SENSORY WAVE SEAT

ISSUED/REVISED: 11/15/2021

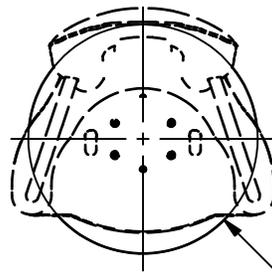


ASSEMBLY VIEW

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.**

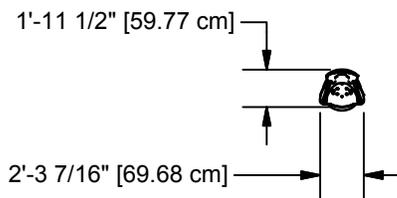
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



CONCRETE REQUIRED:
 .29 CUBIC YARDS
 [.22 CUBIC METERS]

Ø2'-0" [Ø60.96 cm] DIAMETER x
 3'-6" [106.68] DEEP

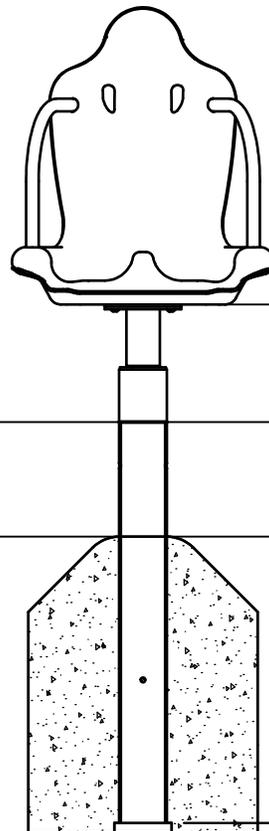
PLAN VIEW



TOP VIEW

*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 F1487 (U.S. OR CAN/CSA-Z614 (CANADA))

*THE ASTM USE ZONE AND CSA PROTECTIVE SURFACING ZONE DETERMINED BY EXTENDING THE PRODUCT OUTSIDE DIMENSIONS SHOWN A MINIMUM ADDITIONAL DISTANCE OF 6'-0" [1.8M] IN ALL DIRECTIONS. FOR CANADIAN INSTALLATIONS ONLY, AN ADDITIONAL 1.8M LONG (MINIMUM) NO-ENCROACHMENT ZONE IS REQUIRED BEYOND THE PROTECTIVE SURFACING ZONE.

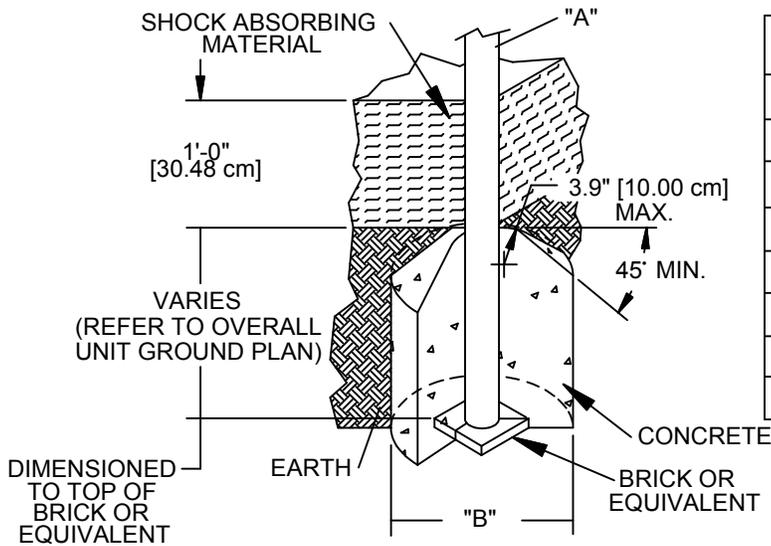


FINISHED SURFACE

RESILIENT SURFACE

BRICK OR EQUIVALENT
 (SUPPLIED BY OTHERS)

ELEVATION VIEW



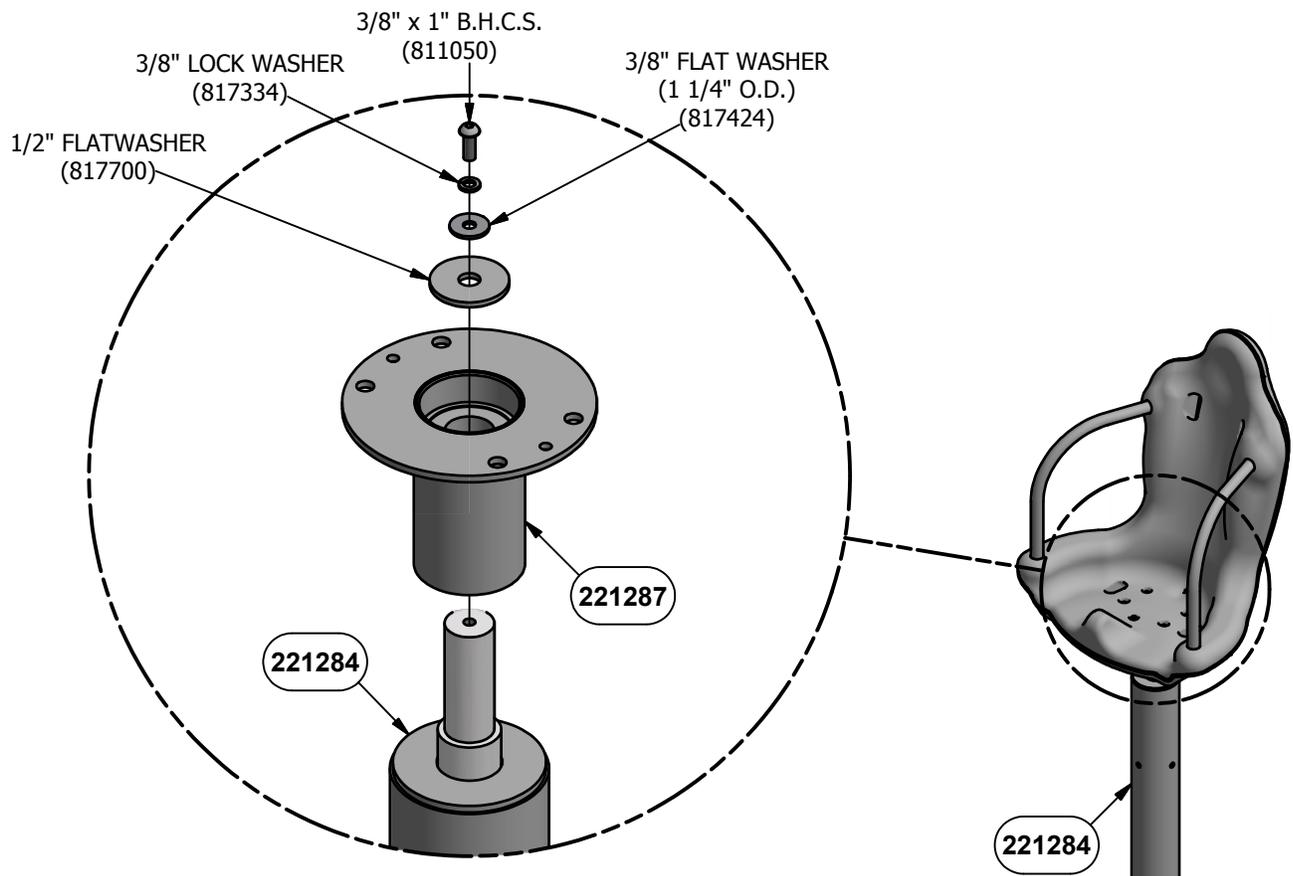
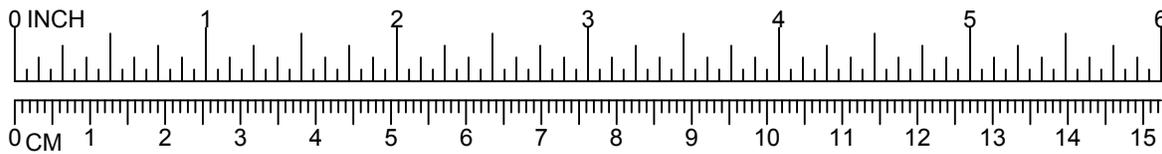
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	2'-0"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

NOTES:

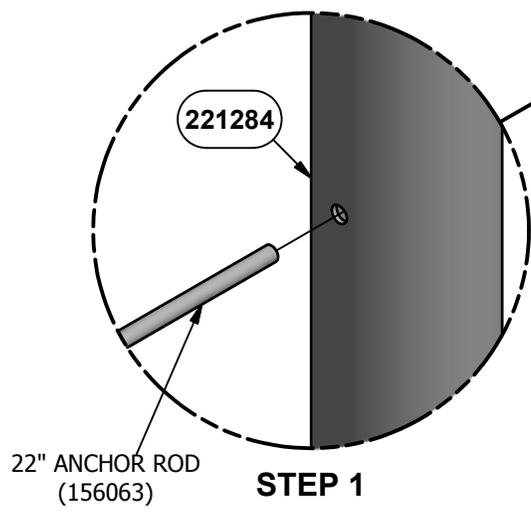
- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

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

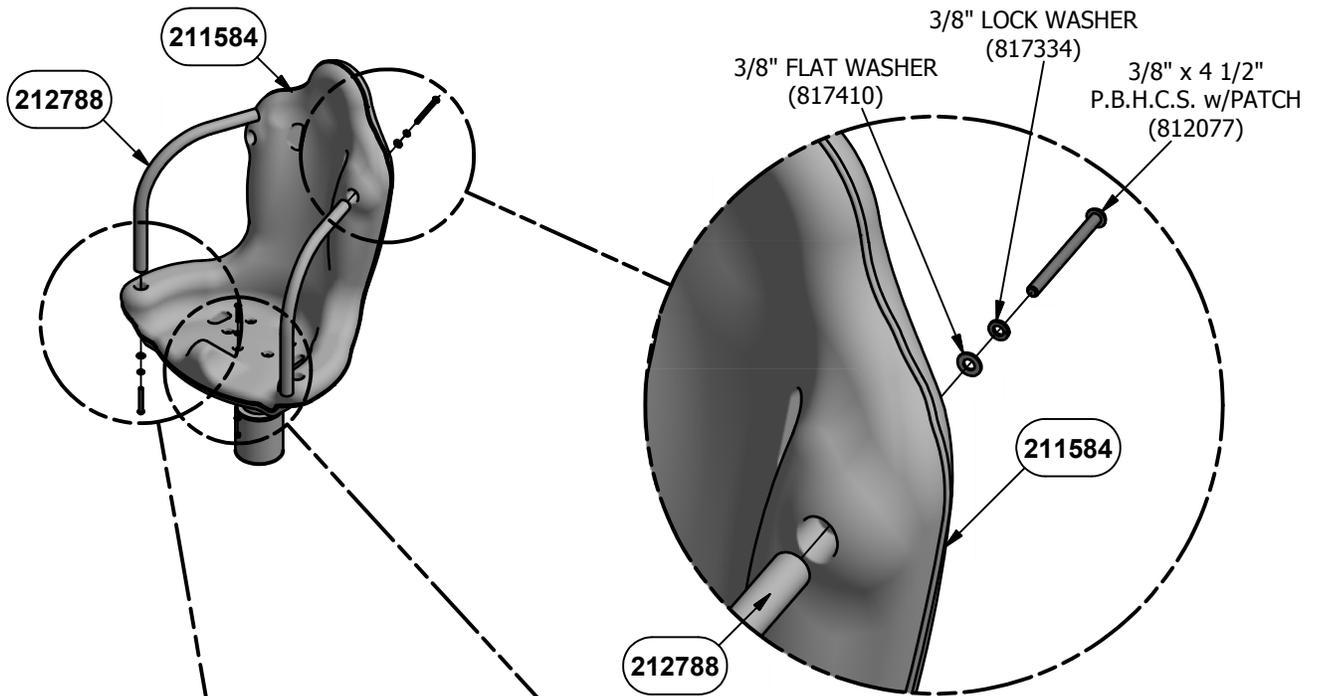
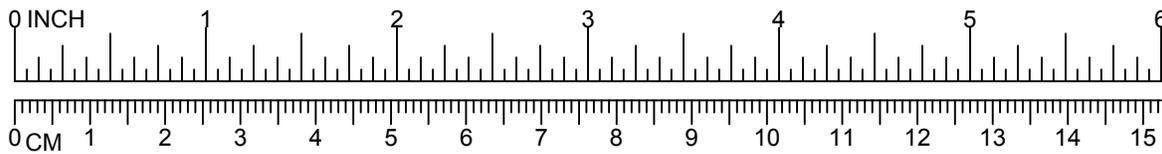


STEP 2

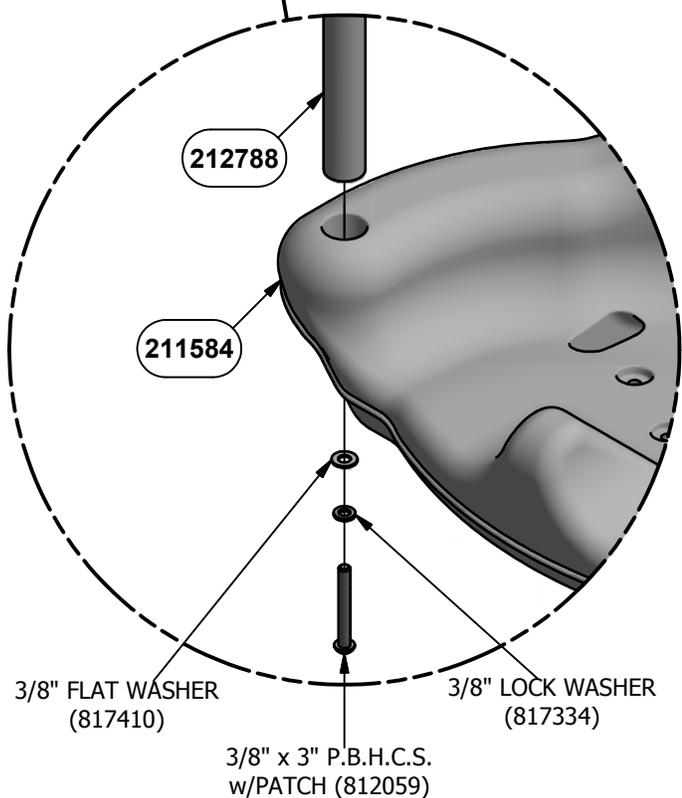


STEP 1

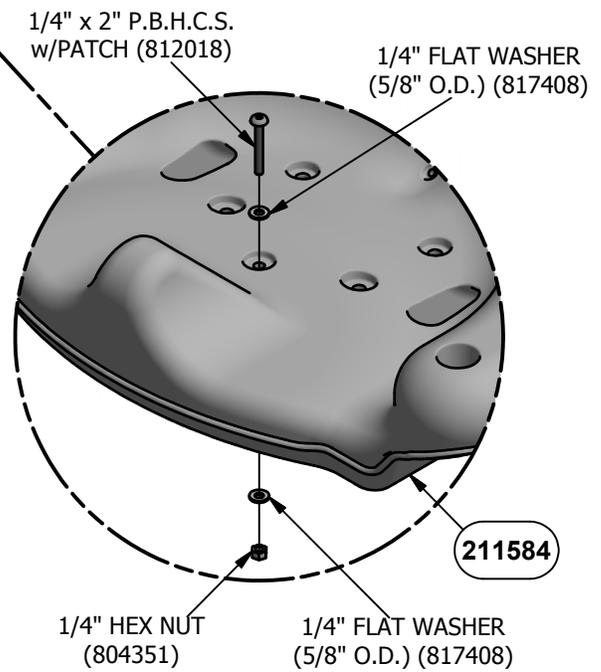
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



STEP 3
2 PLACES

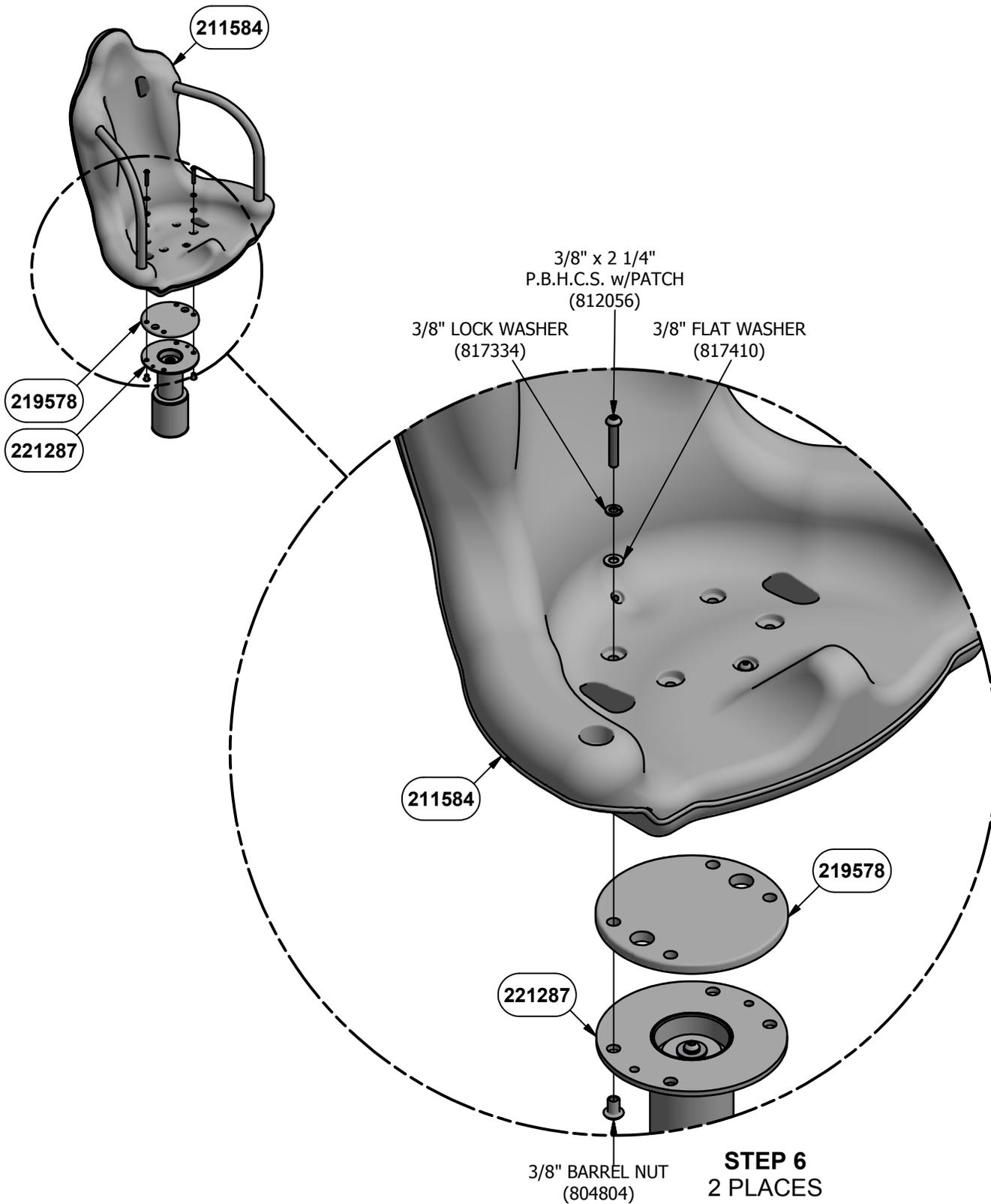
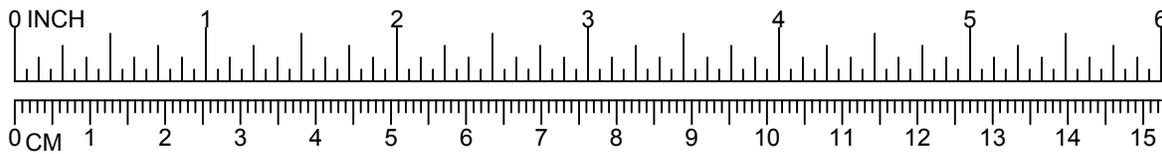


STEP 4
2 PLACES



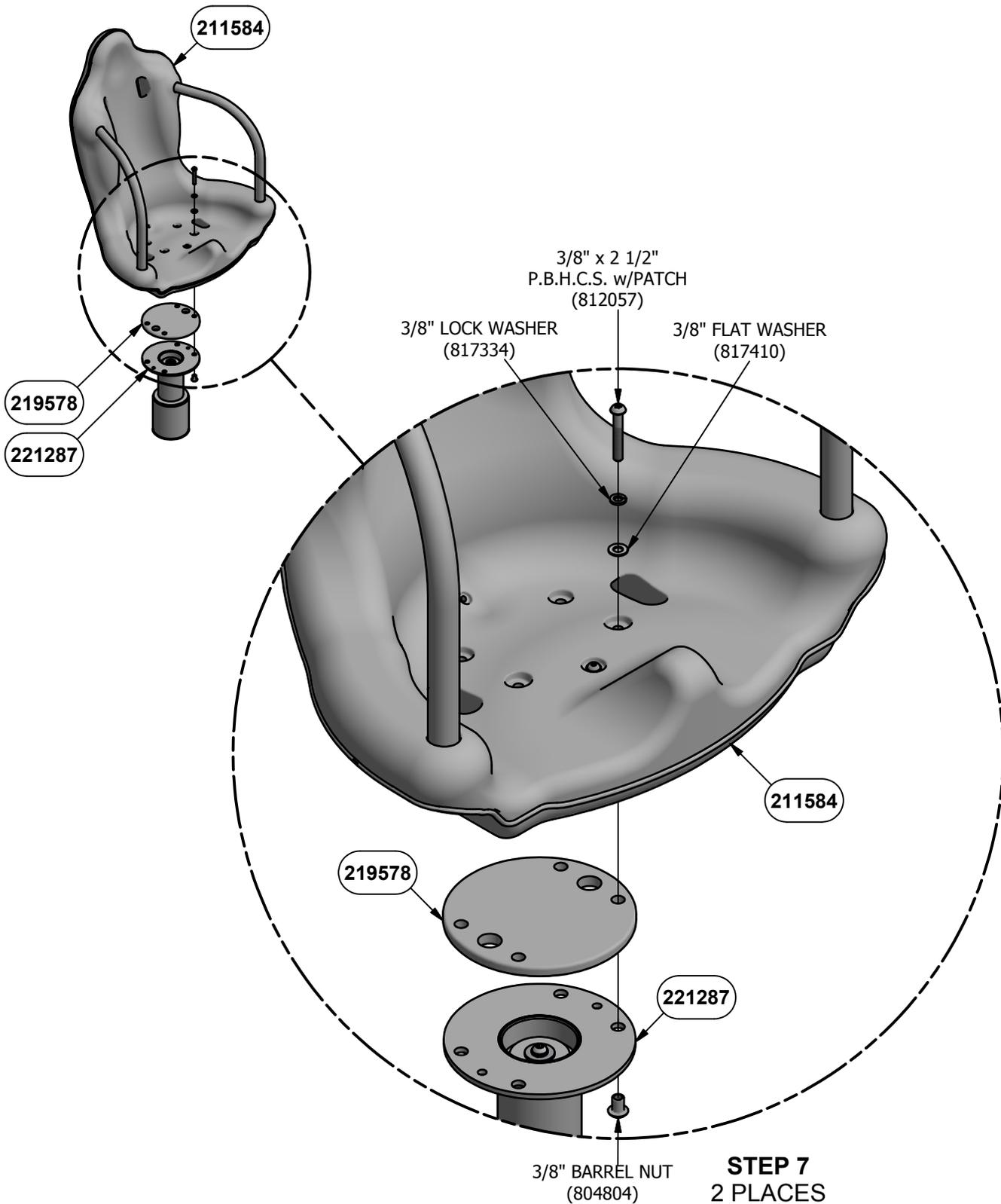
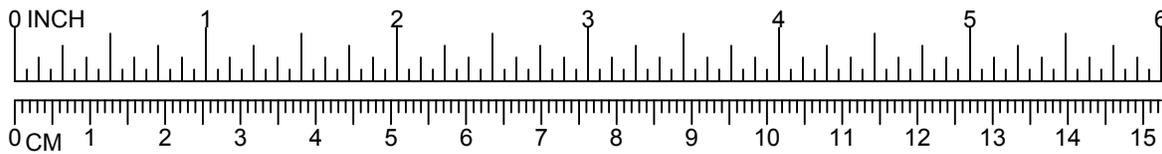
STEP 5

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



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW



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.

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.

NOTE: Refer to the Detail Views for the specific hardware required in each connection.

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

STEP 1: Attach 22" Anchor Rod (156063) to Ground Shaft Weld Assembly. **REFER TO PAGE 4.**

STEP 2: Attach Hub Bearing Assembly to Ground Shaft Weld Assembly. **REFER TO PAGE 4.**

STEP 3: Attach Spinning Seat Handhold Assembly to Sensory Wave Seat. **REFER TO PAGE 5.**

STEP 4: Attach Spinning Seat Handhold Assembly to Sensory Wave Seat. **REFER TO PAGE 5.**

STEP 5: Attach 1/4" x 2" P.B.H.C.S. w/Patch, 1/4" Flat Washer (5/8" O.D.) (817408), 1/4" Flat Washer (5/8" O.D.) (817408), & 1/4" Hex Nut (804351) to Sensory Wave Seat. **REFER TO PAGE 5.**

STEP 6: Attach Sensory Wave Seat, & Cover Plate to Hub Bearing Assembly. **REFER TO PAGE 6.**

STEP 7: Attach Sensory Wave Seat, & Cover Plate to Hub Bearing Assembly. **REFER TO PAGE 7.**

NOTE: After installation, the height from bottom of the seat should be 1'- 5/16" [31.33 cm] above the Finished Surface.

SPECIFICATIONS

SENSORY WAVE SEAT: 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).

HUB BEARING ASSEMBLY: Shall be fabricated from a machined 3 1/2" O.D. x .300" wall black steel tubing (SCH 80), 1/4" Thick H.R. Steel, and have two bearings press fit into the Weld Assembly. Assembly shall be an all weld assembly coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

GROUND SHAFT WELD ASSEMBLY: Shall be fabricated from a machined 2" O.D. cold rolled steel Shaft, 3-1/2" O.D. x .180" (7 Gauge) wall galvanized steel tubing, and 1/4" Thick H.R. Steel. 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.

SPINNING SEAT HANDHOLD ASSEMBLY: Shall be fabricated from 1-5/16" O.D. x .083" (14 Gauge) wall galvanized steel tubing and threaded crimped insert. Fabricated Part shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

COVER PLATE: Shall be made from 1/2" thick (solid) high density, UV-stabilized and color impregnated polyethylene.

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 topcoat 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.

Parts List		
DESCRIPTION	QTY	PART NUMBER
SENSORY WAVE SEAT	1	211584
HUB BEARING ASSEMBLY	1	221287
GROUND SHAFT WELD ASSEMBLY	1	221284
SPINNING SEAT HANDHOLD ASSEMBLY	2	212788
COVER PLATE	1	219578
HARDWARE COMPLETE	1	221292
1/4" x 2" P.B.H.C.S. w/PATCH	1	812018*
1/4" FLAT WASHER (5/8" O.D.)	2	817408*
1/4" HEX NUT	1	804351*
3/8" x 1" B.H.C.S.	1	811050*
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" x 3" P.B.H.C.S. w/PATCH	2	812059*
3/8" x 4 1/2" P.B.H.C.S. w/PATCH	2	812077*
3/8" BARREL NUT	4	804804*
3/8" FLAT WASHER	8	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	1	817424*
3/8" LOCK WASHER	9	817334*
1/2" FLAT WASHER	1	817700*
22" ANCHOR ROD	1	156063*

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.



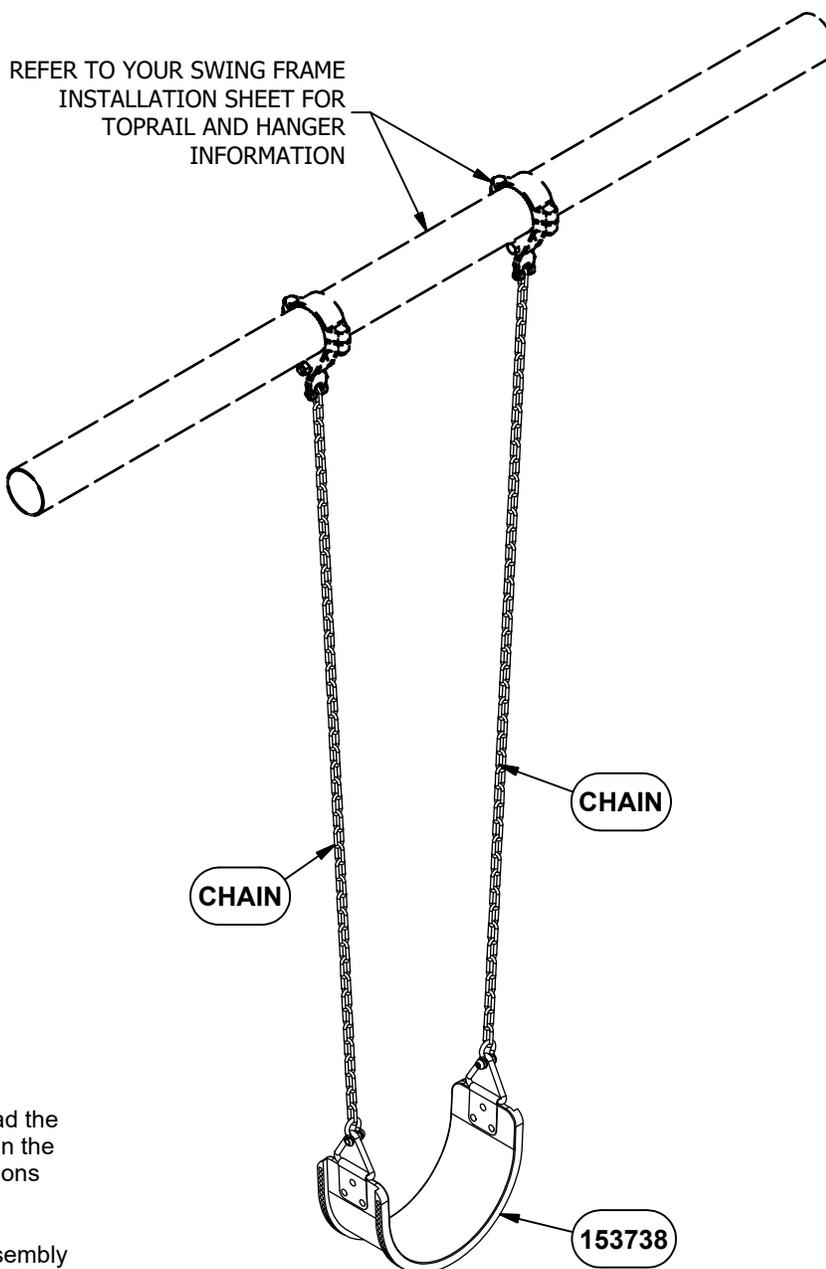
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1-800-235-2440

BELT SEAT

ISSUED/REVISED: 12/18/2024



8'-0" TOPRAIL HEIGHT

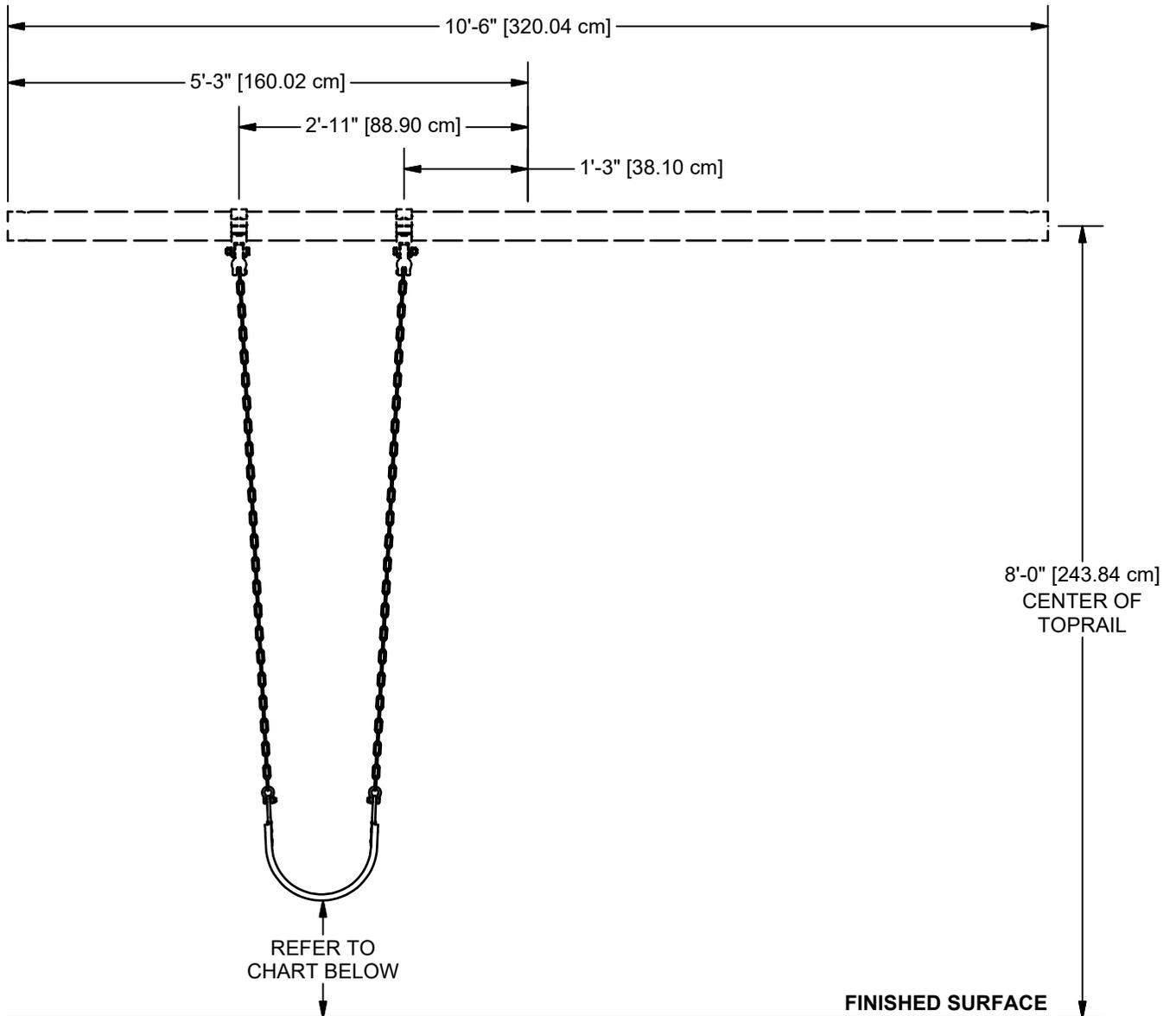


INSTALLATION INSTRUCTIONS

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. **RED THREAD LOCKER (SUPPLIED BY OTHERS) MUST BE APPLIED TO ALL NON-PATCH THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

ASSEMBLY VIEW

8'-0" PRIMETIME STANDARD TOPRAIL SHOWN

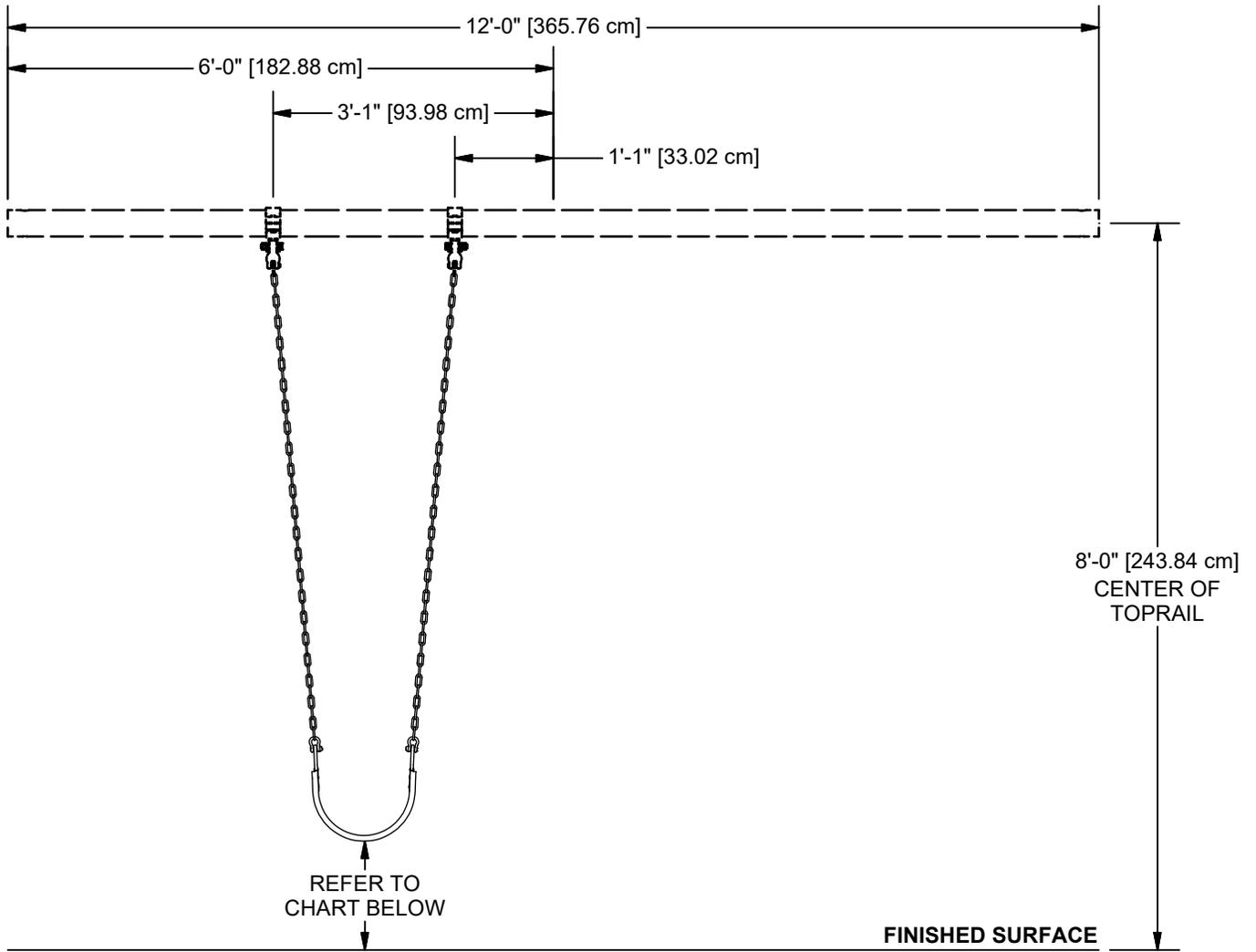


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" PRIMETIME ADA TOPRAIL SHOWN

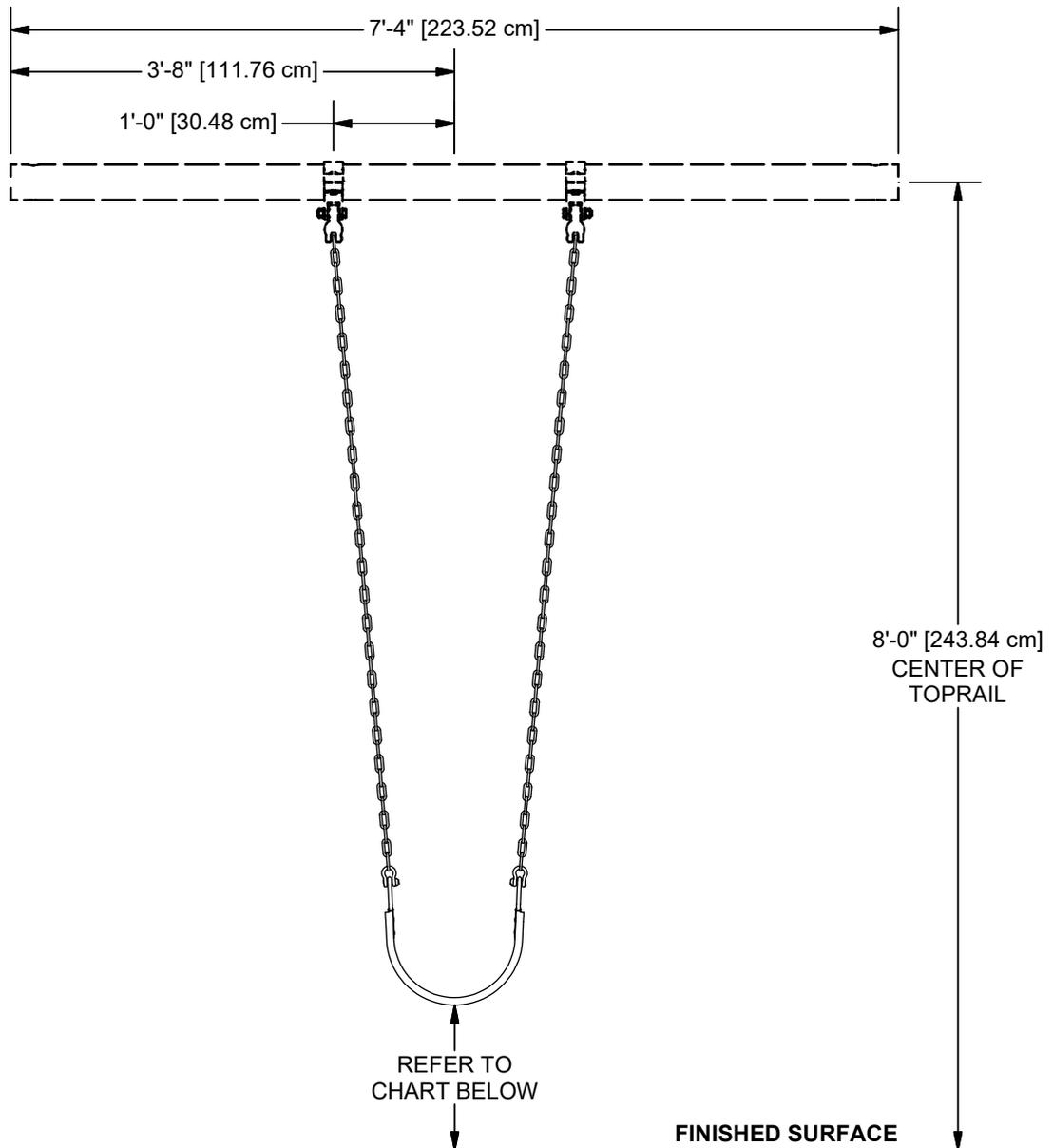


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" PRIMETIME SOLO TOPRAIL SHOWN

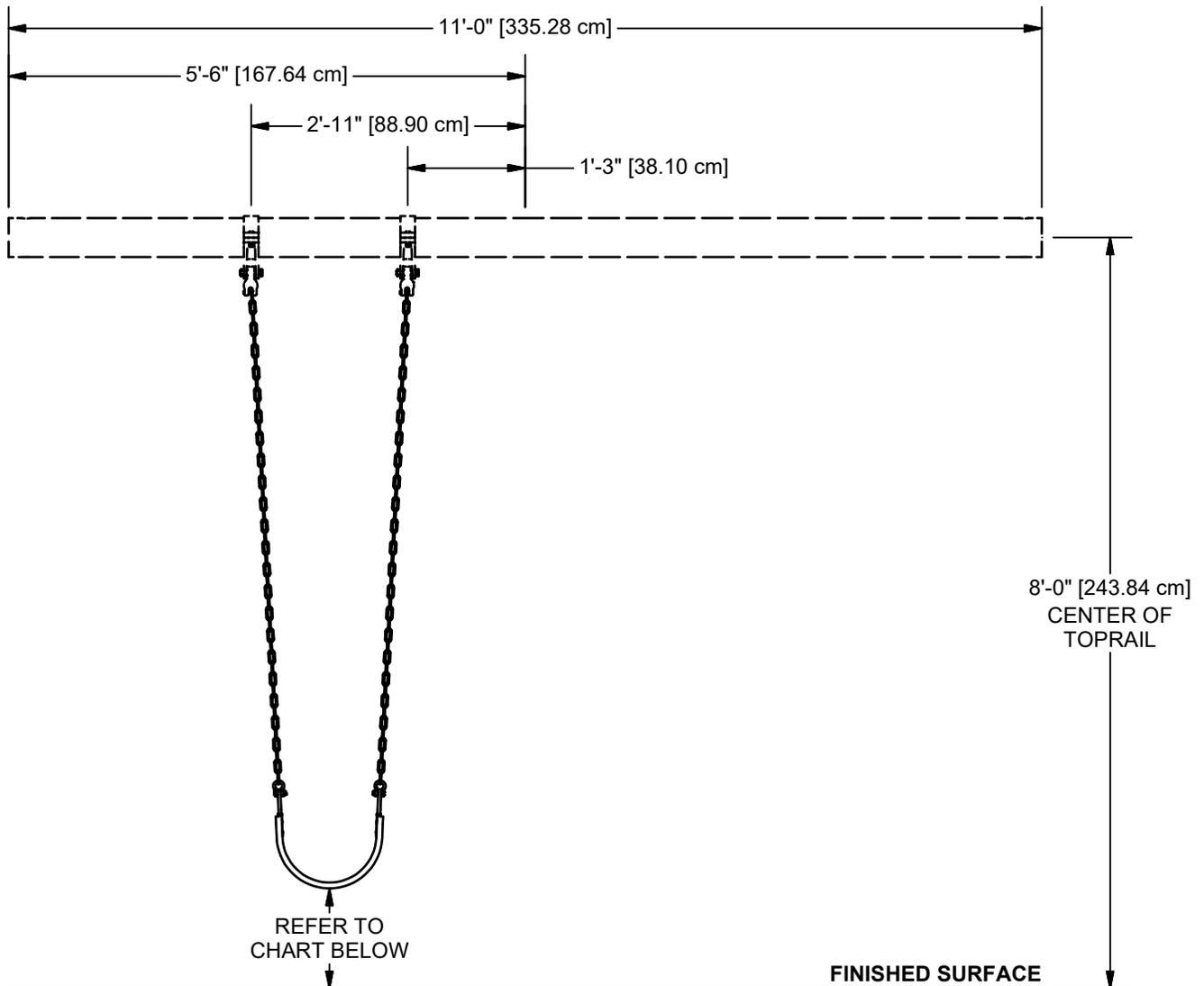


ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" POWERSCAPE STANDARD TOPRAIL SHOWN

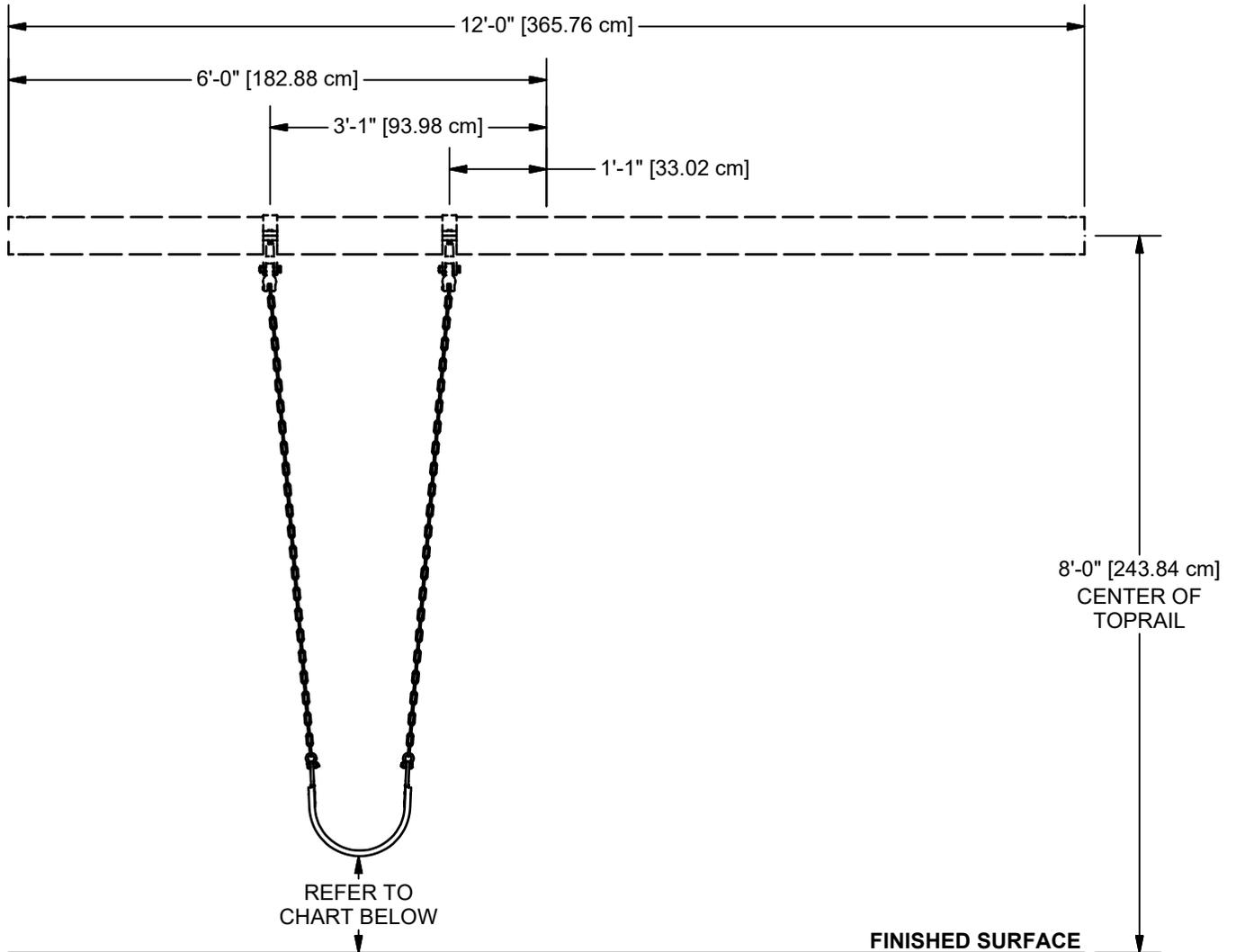


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" POWERSCAPE ADA TOPRAIL SHOWN

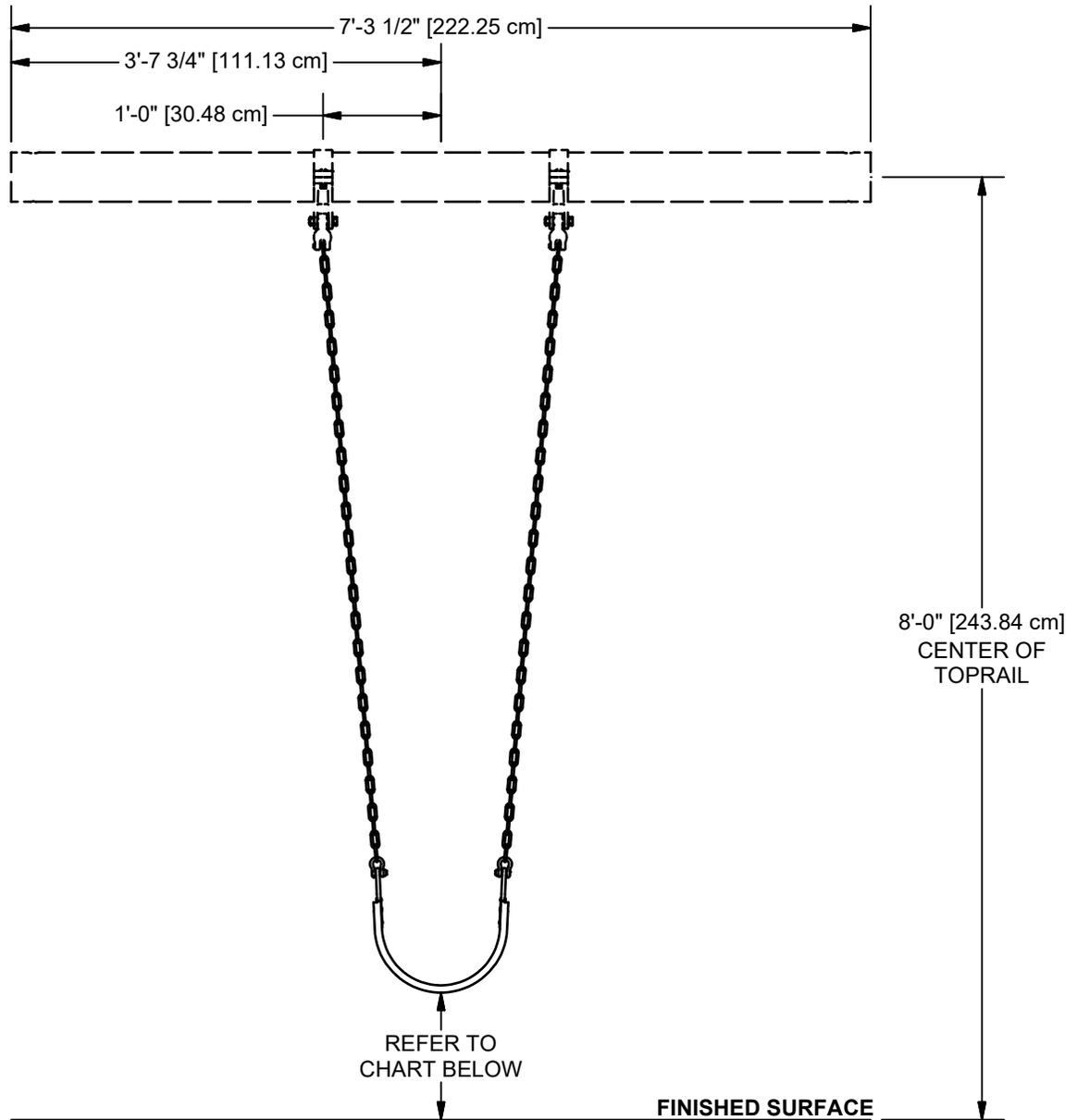


ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" POWERSCAPE SOLO TOPRAIL SHOWN

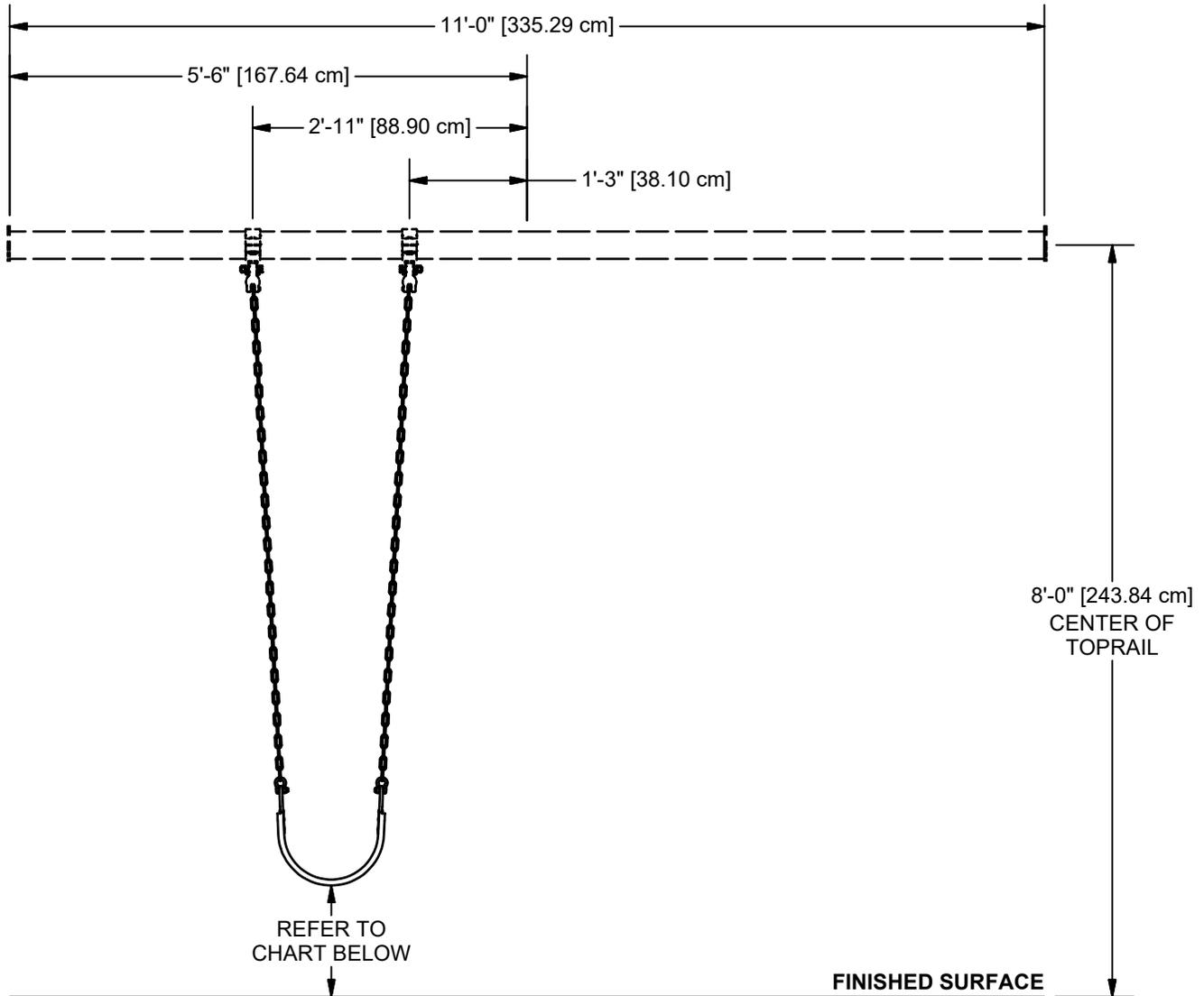


ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" XSCAPE STANDARD TOPRAIL SHOWN

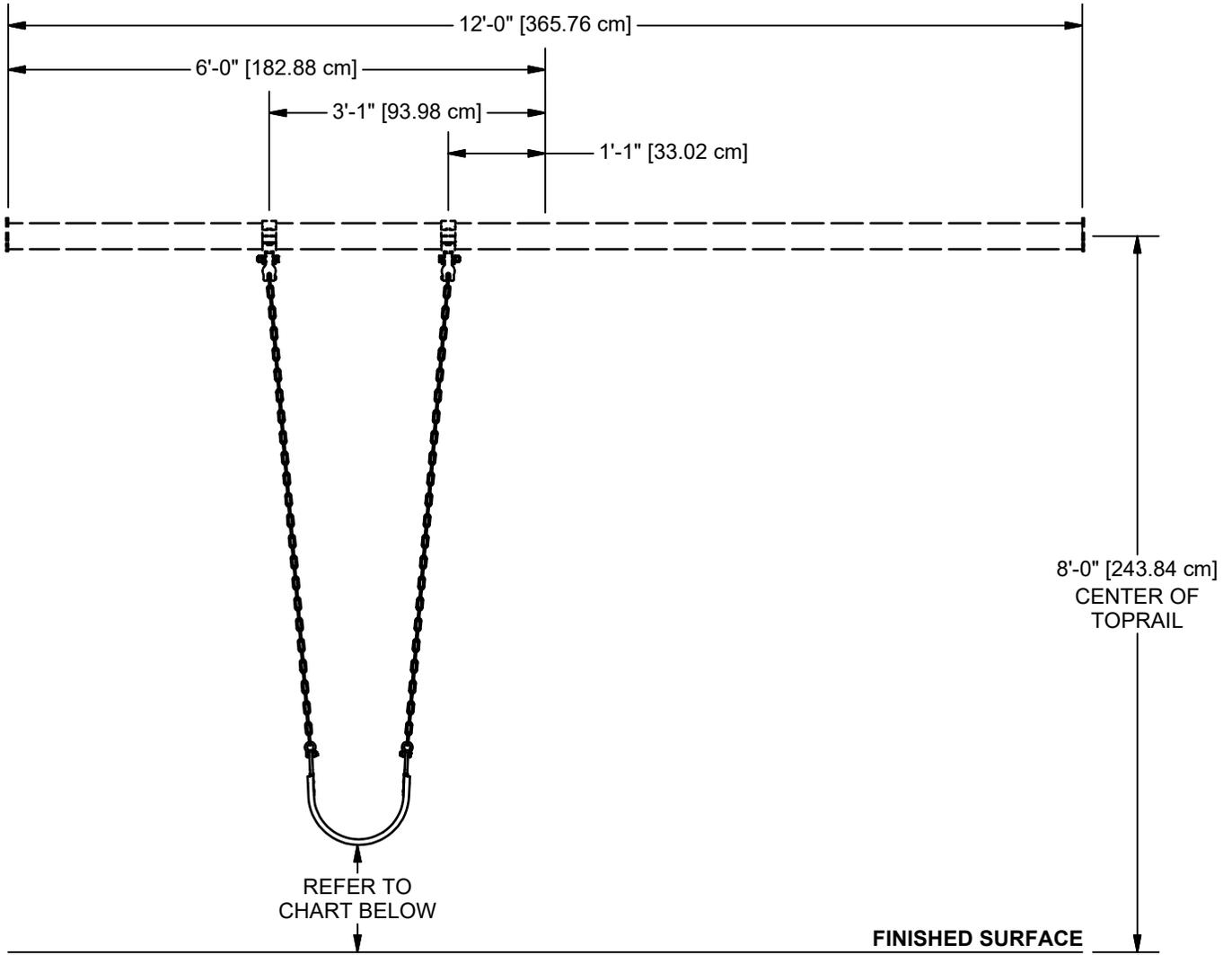


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" XSCAPE ADA TOPRAIL SHOWN

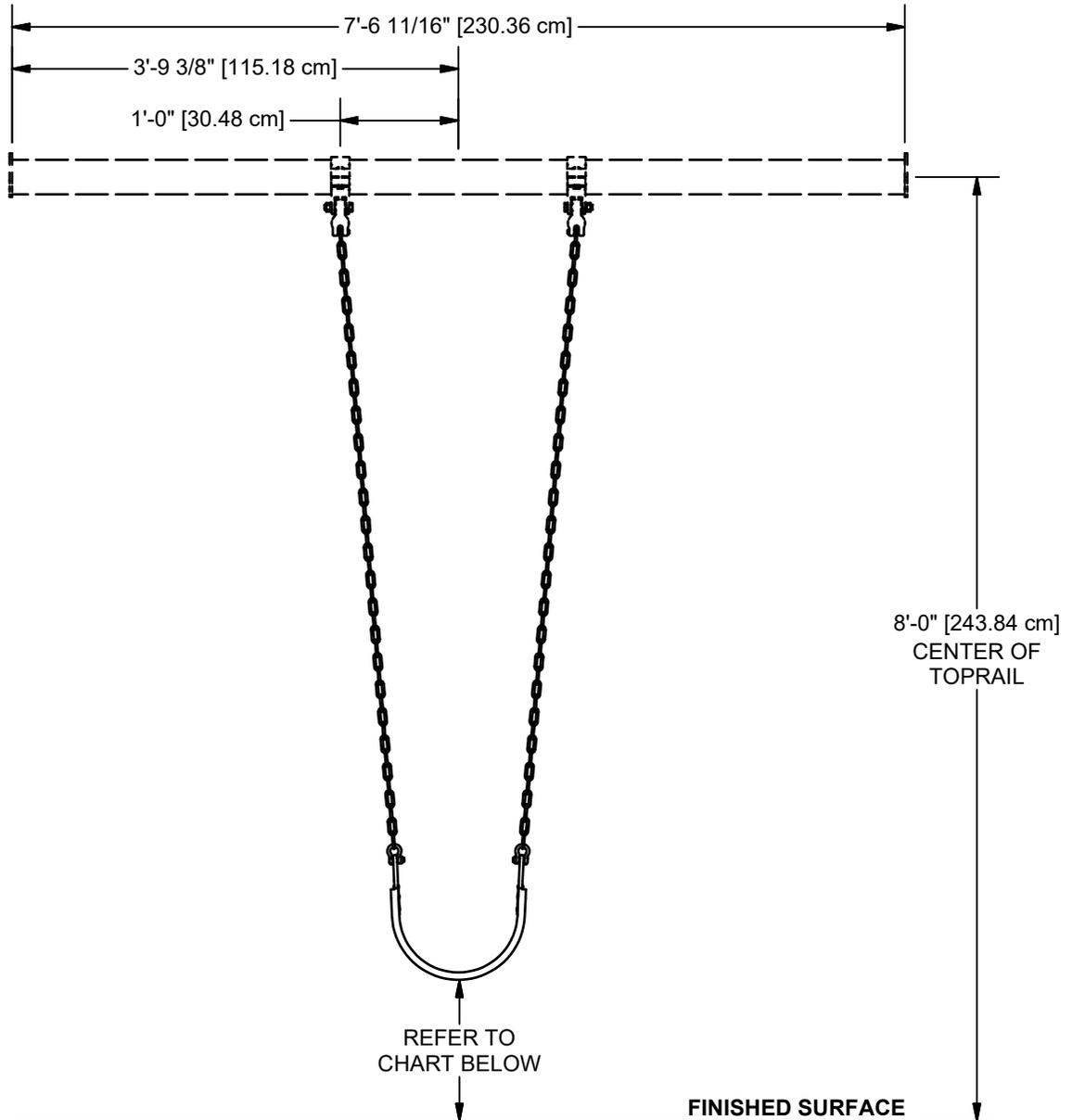


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" XSCAPE SOLO TOPRAIL SHOWN

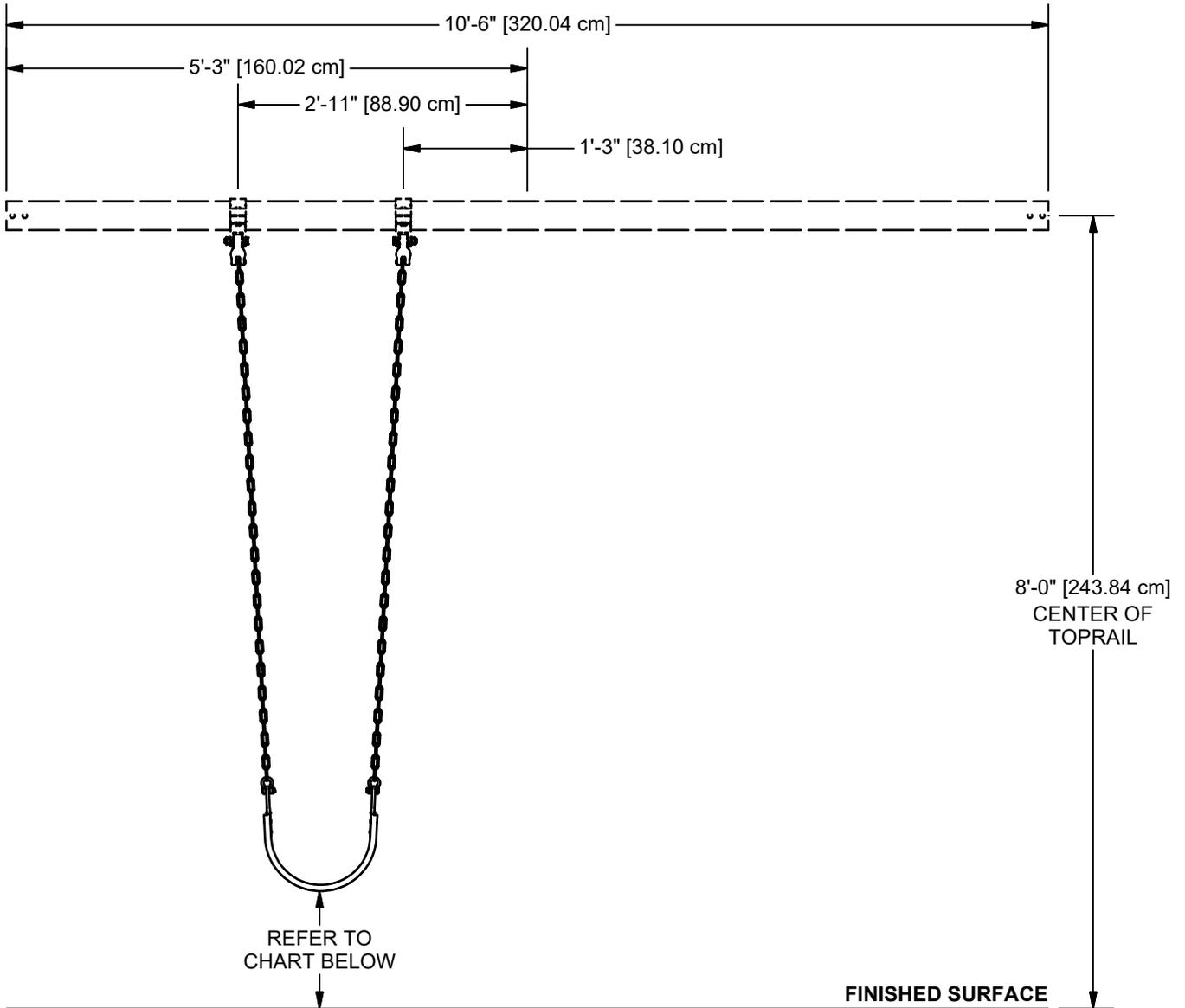


ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" CLASSIC STANDARD TOPRAIL SHOWN

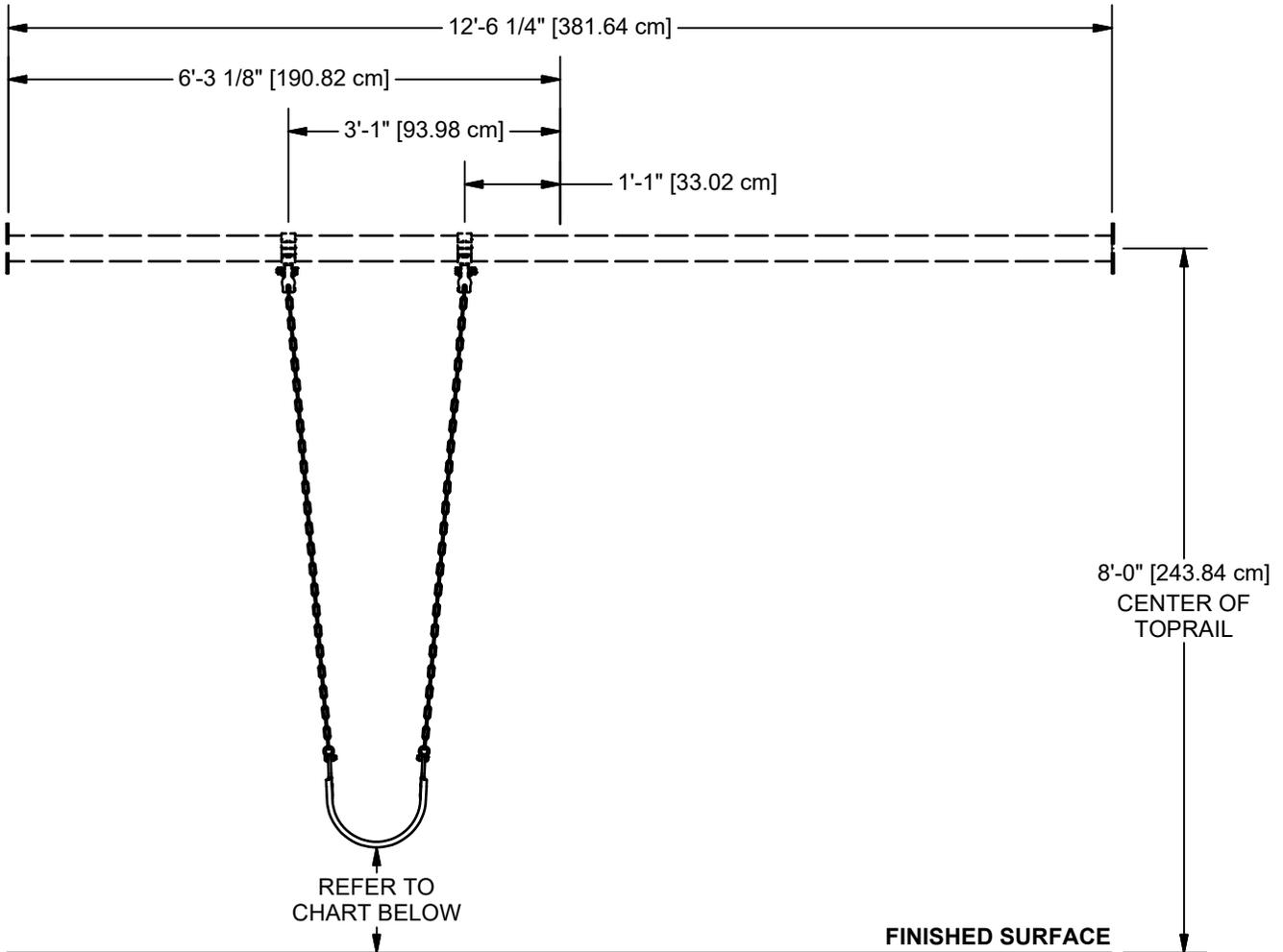


ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" MODERN CITY STANDARD TOPRAIL SHOWN

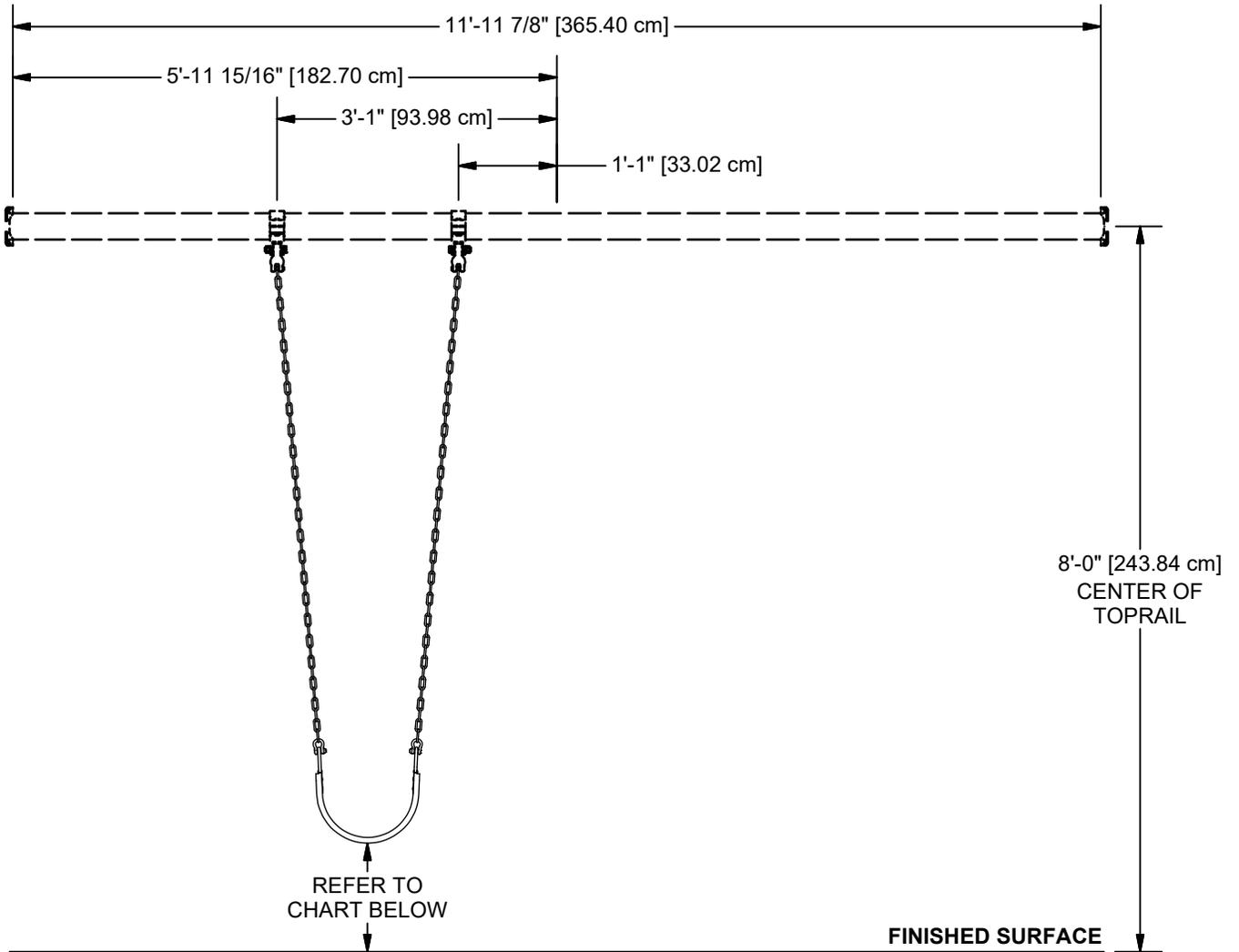


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" SINGLE POST STANDARD TOPRAIL SHOWN

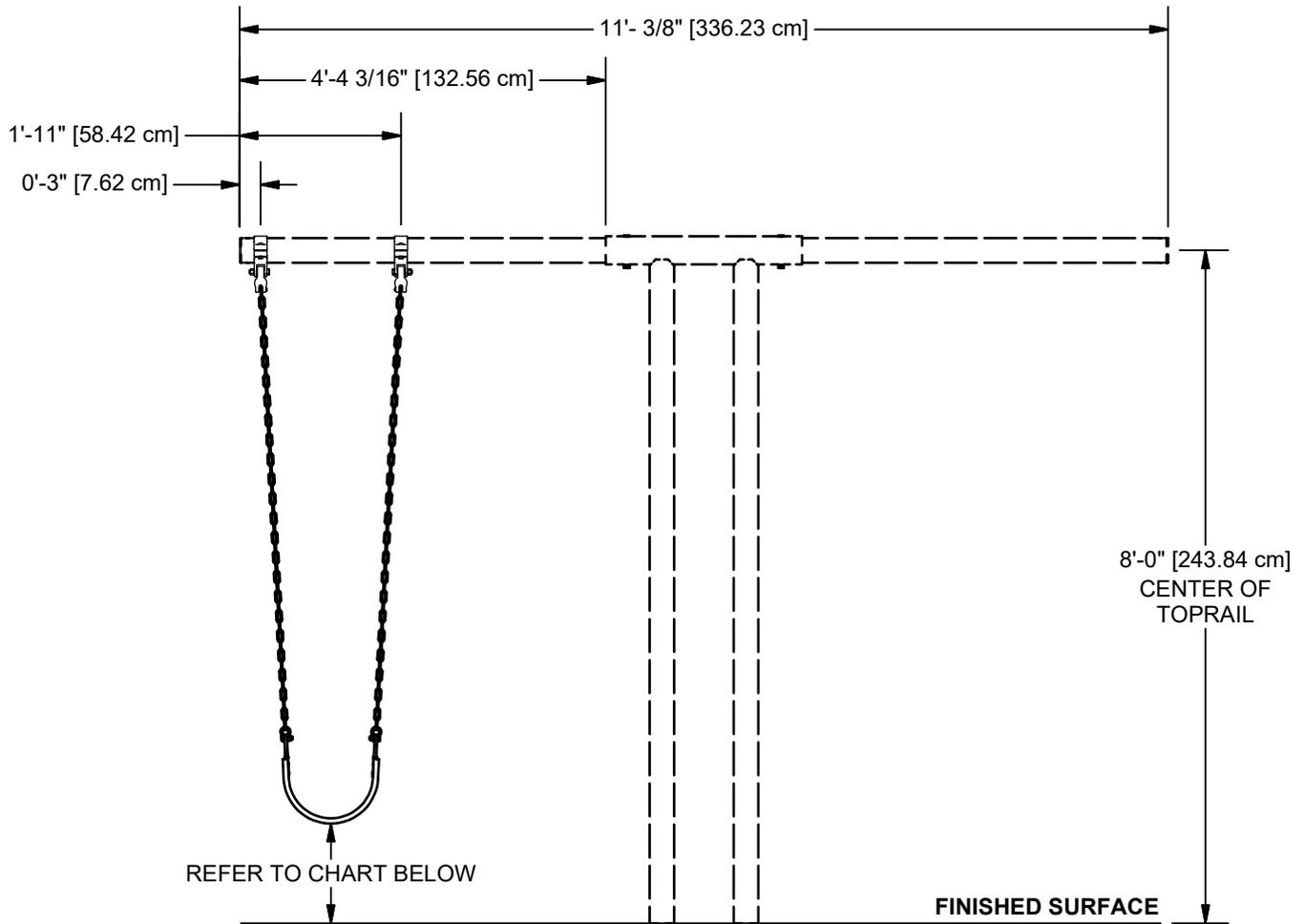


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

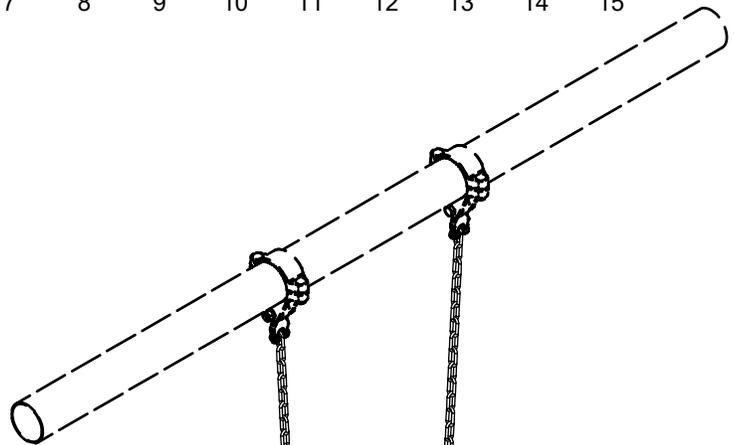
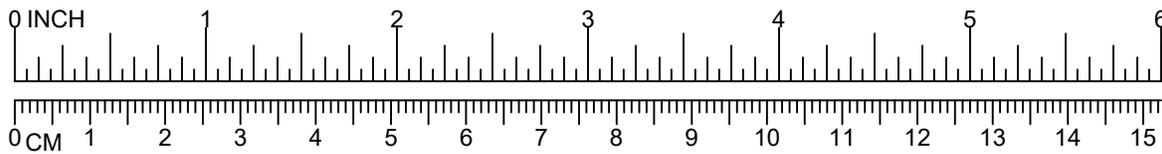
8'-0" T-POST STANDARD TOPRAIL SHOWN



ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
END OF TOPRAIL

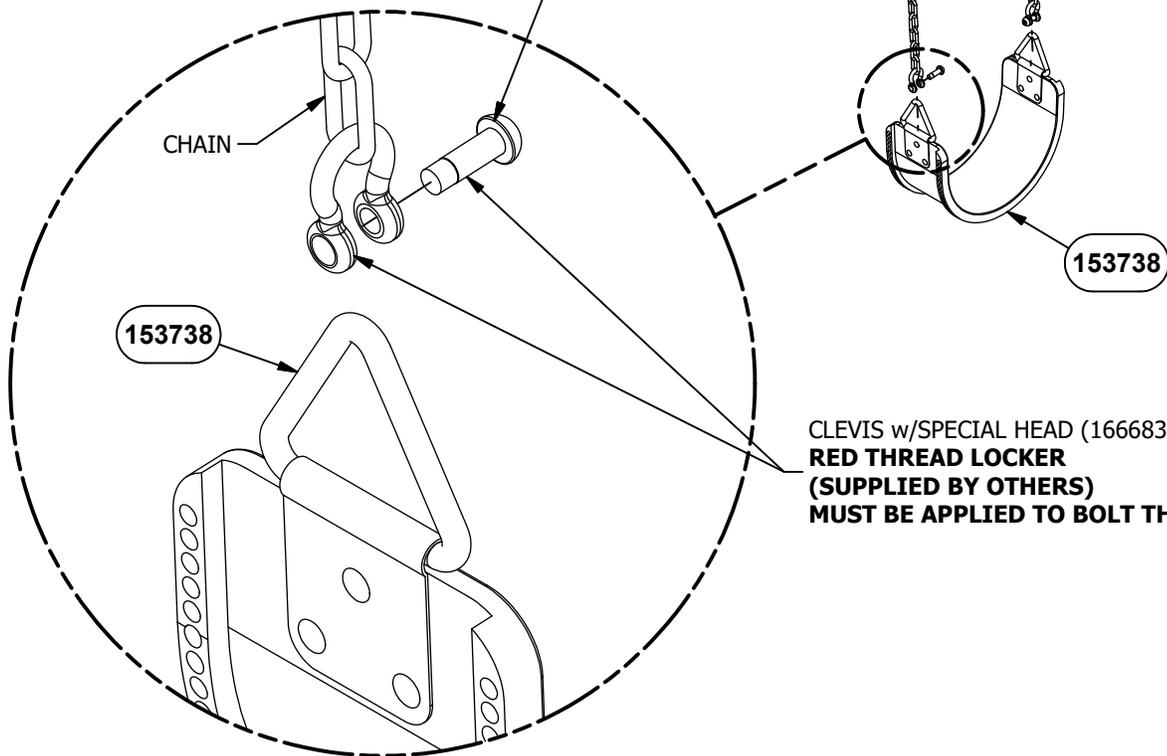
DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	300mm [11.81"]	N/A
ASTM	12" [305mm]	N/A
BS EN	350mm [13.77"]	N/A
CPSC	12" [305mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS



REFER TO PARTS LIST
FOR CORRECT CHAIN LENGTH

CRITICAL NOTE
BOLT HEAD MUST FACE
TOWARDS USER



153738

153738

CLEVIS w/SPECIAL HEAD (166683)
RED THREAD LOCKER
(SUPPLIED BY OTHERS)
MUST BE APPLIED TO BOLT THREADS

STEP 1
2 PLACES

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW



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.

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.

NOTE: Refer to Detail Views for the specific hardware required in each connection.

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

STEP 1: Attach Belt Seat to chains. **NOTE:** Bolt heads must face toward user and **Red Thread Locker (supplied by others) must be applied to bolt threads. REFER TO PAGE 15.**

Parts List		
DESCRIPTION	QTY	PART NUMBER
BELT SEAT	1	153738
HARDWARE COMPLETE	1	224104
CLEVIS w/SPECIAL HEAD	2	166683*
CHAIN 63 3/8" LG	2	224102*

*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: Red thread locker (supplied by others) must be applied to all non-patch threaded 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

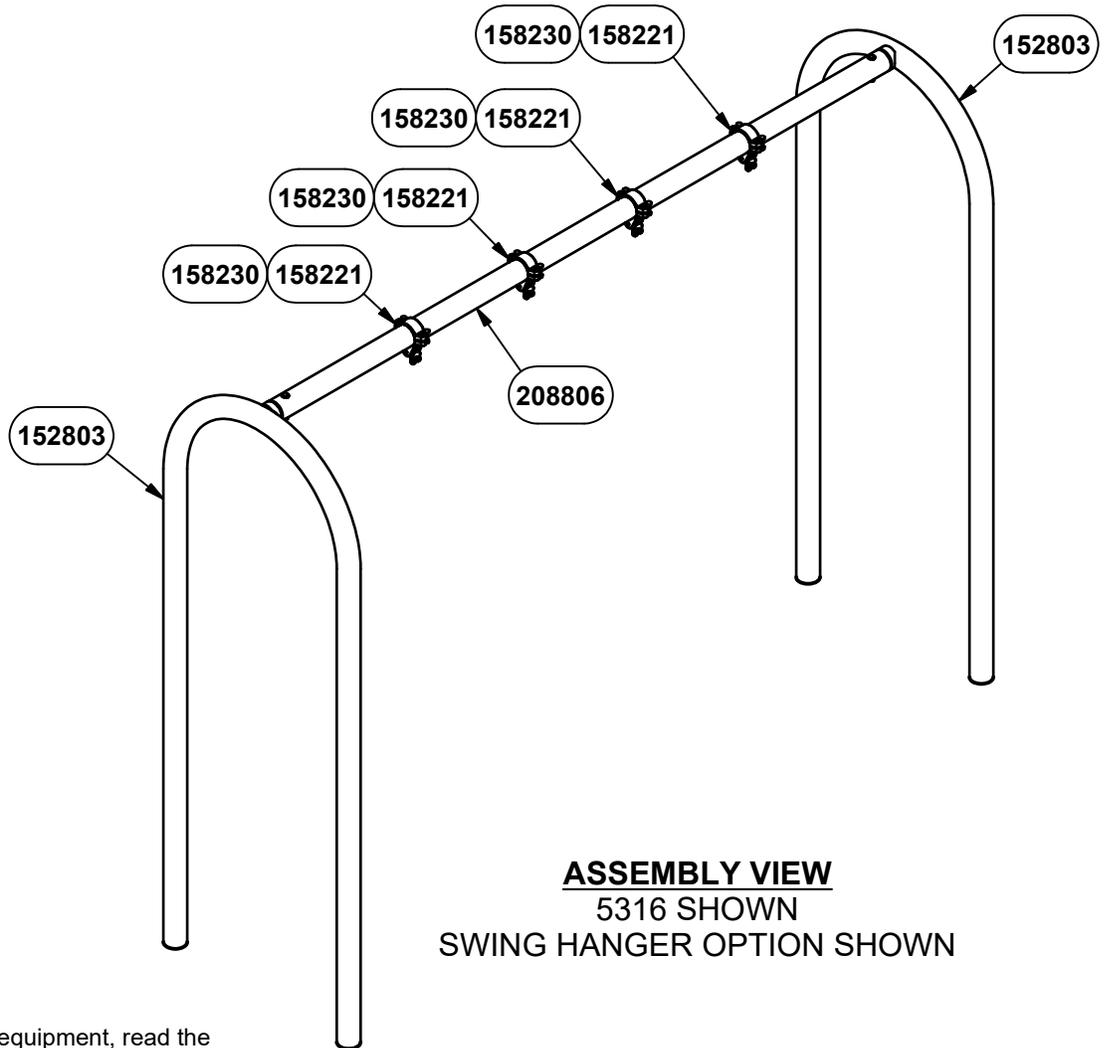
5316

PRIMETIME SWING FRAME

ISSUED/REVISED: 1/7/2025

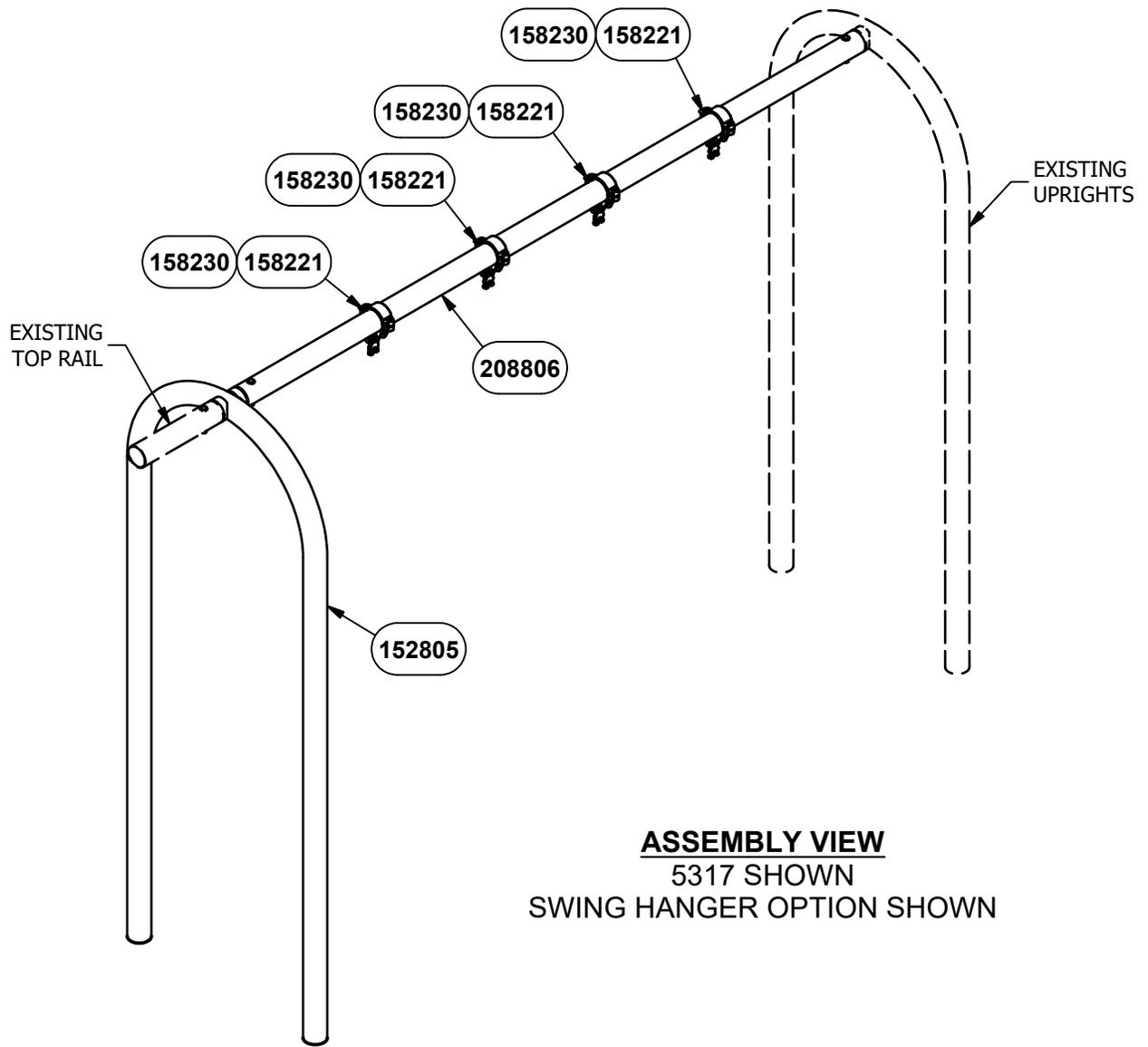


8' PRIMETIME SWING FRAME	5316
8' PRIMETIME SWING FRAME ADD-A-BAY	5317
8' PRIMETIME SWING FRAME ANTIWRAP	5318
8' PRIMETIME SWING FRAME ANTIWRAP ADD-A-BAY	5319

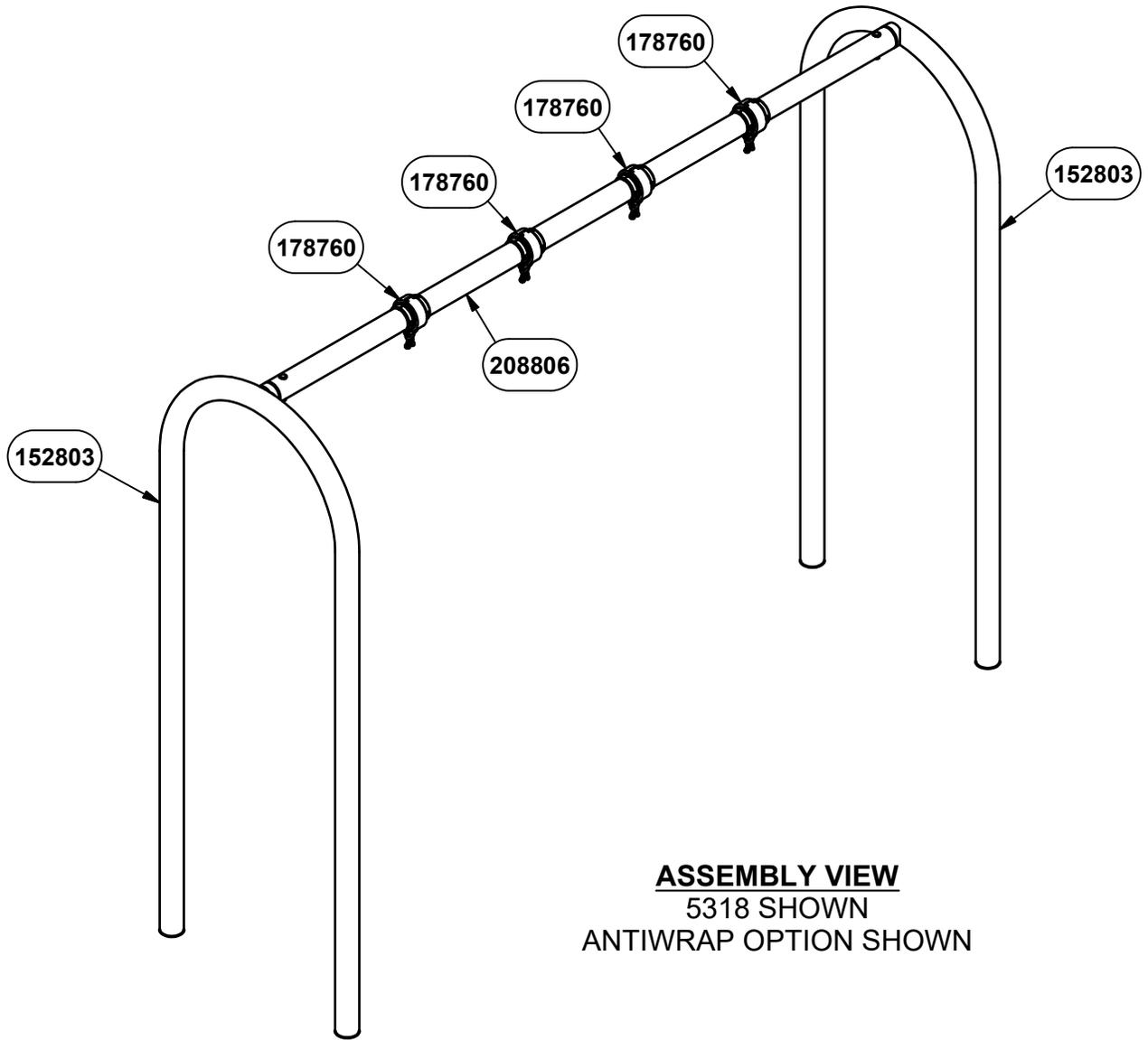


INSTALLATION INSTRUCTIONS

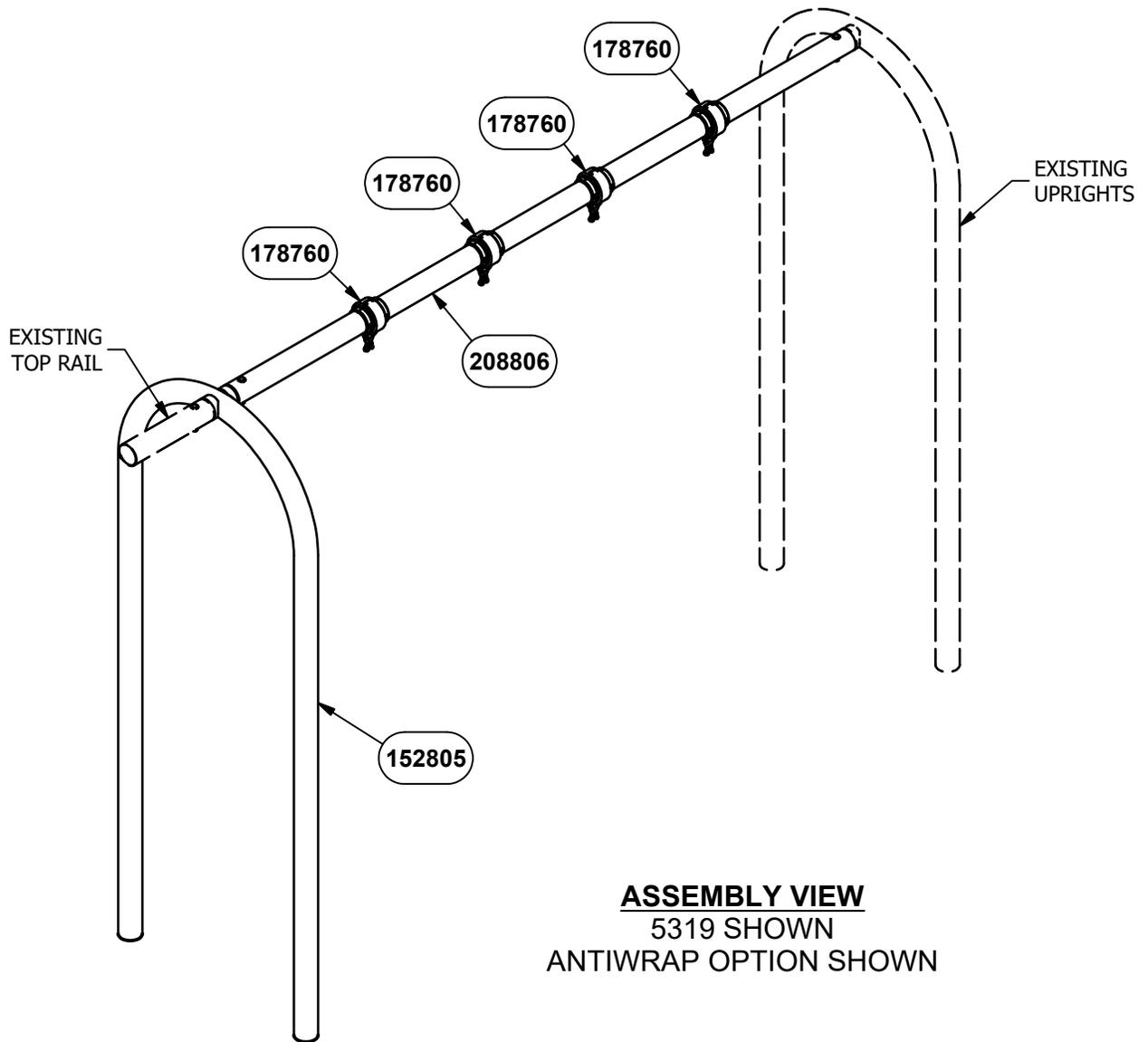
1. Before assembling this equipment, read the enclosed **INSTALLER INSTRUCTIONS** in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the **ASSEMBLY DRAWING**. Refer to the assembly details for the specific hardware required in each connection.
3. **RED THREAD LOCKER (SUPPLIED BY OTHERS) MUST BE APPLIED TO ALL NON-PATCH THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

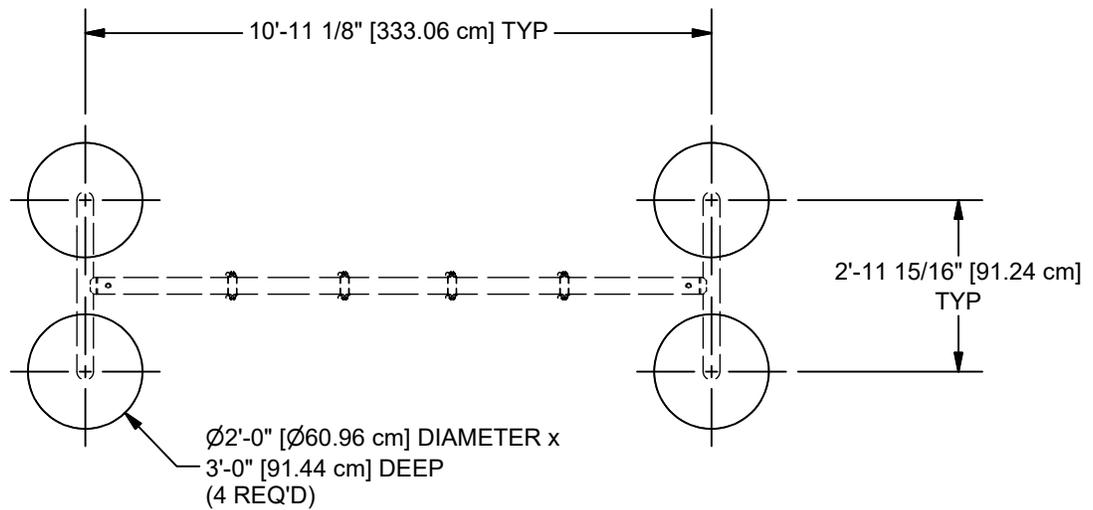


ASSEMBLY VIEW
5317 SHOWN
SWING HANGER OPTION SHOWN



ASSEMBLY VIEW
5318 SHOWN
ANTIWRAP OPTION SHOWN





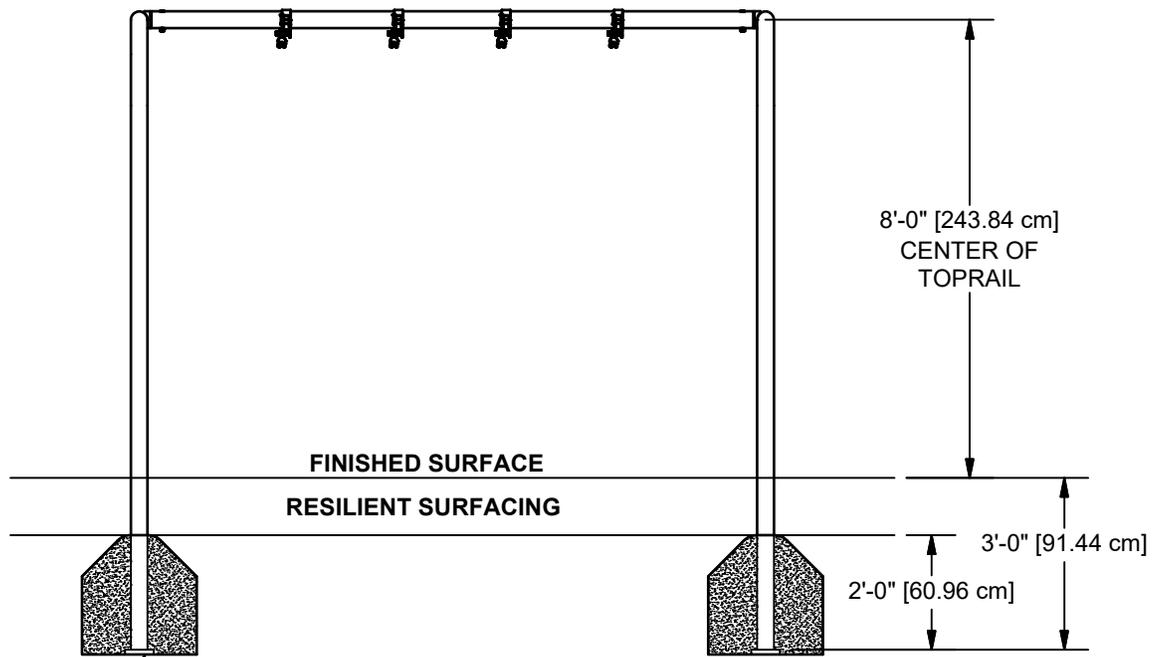
CONCRETE REQUIRED
 0.93 CUBIC YARDS
 [0.71 CUBIC METERS]

PLAN VIEW
 5316 SHOWN
 5318 SIMILAR

**REFER TO PAGE 8
 FOR USE ZONE AND
 TOP VIEW**

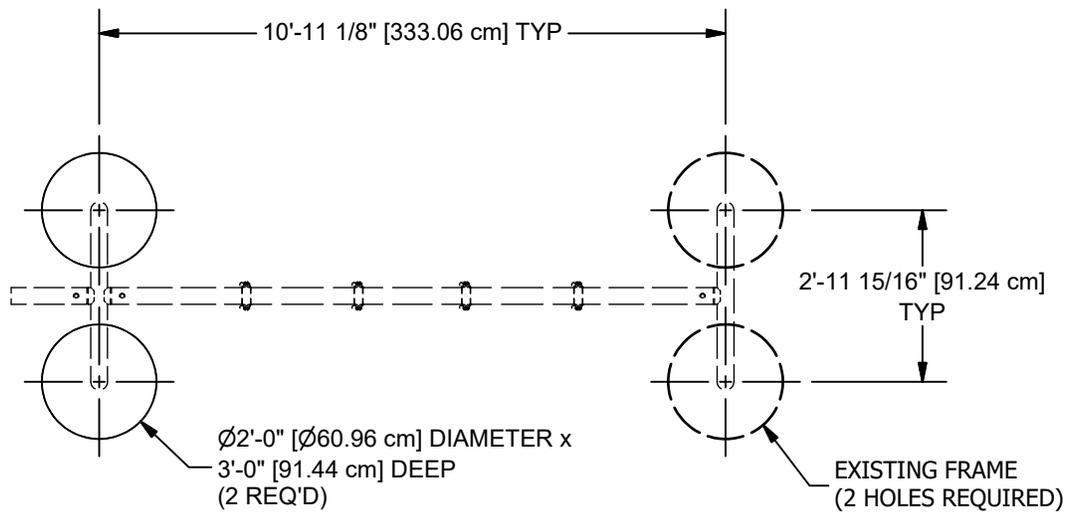
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

**REFER TO YOUR SEAT PACKAGE
 INSTALLATION SHEET FOR
 TOPRAIL HANGER SPACING**



BRICK OR EQUIVALENT
 (SUPPLIED BY OTHERS)

ELEVATION VIEW
 5316 SHOWN
 5318 SIMILAR



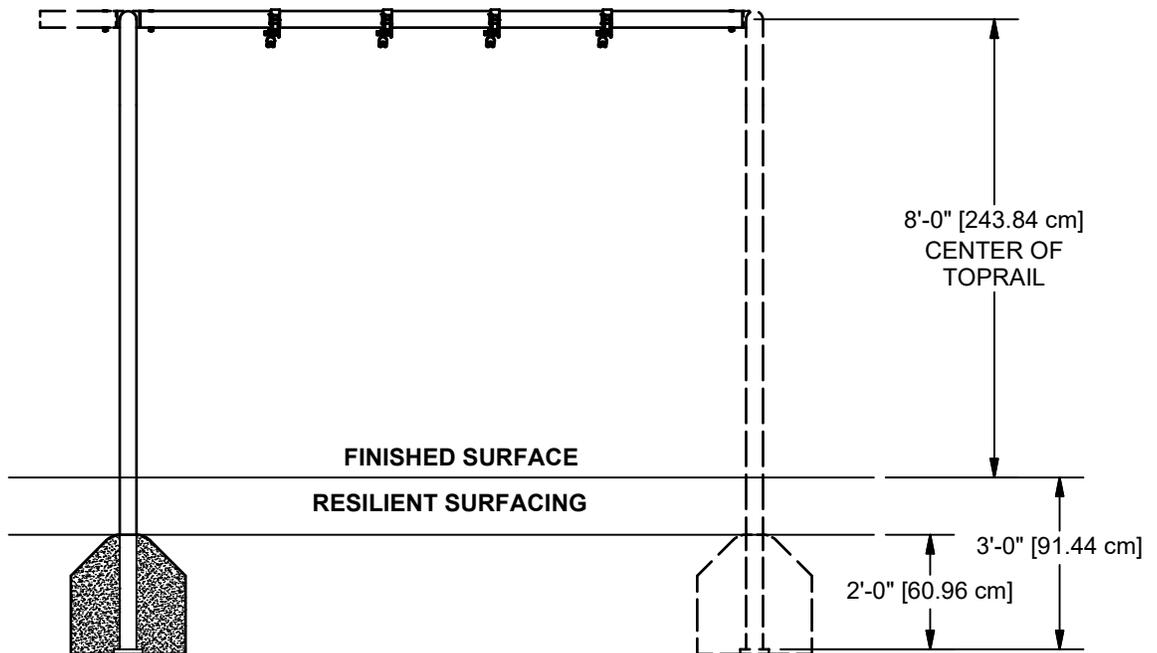
CONCRETE REQUIRED
0.46 CUBIC YARDS
[0.36 CUBIC METERS]

PLAN VIEW
5317 SHOWN
5319 SIMILAR

**REFER TO PAGE 9
FOR USE ZONE AND
TOP VIEW**

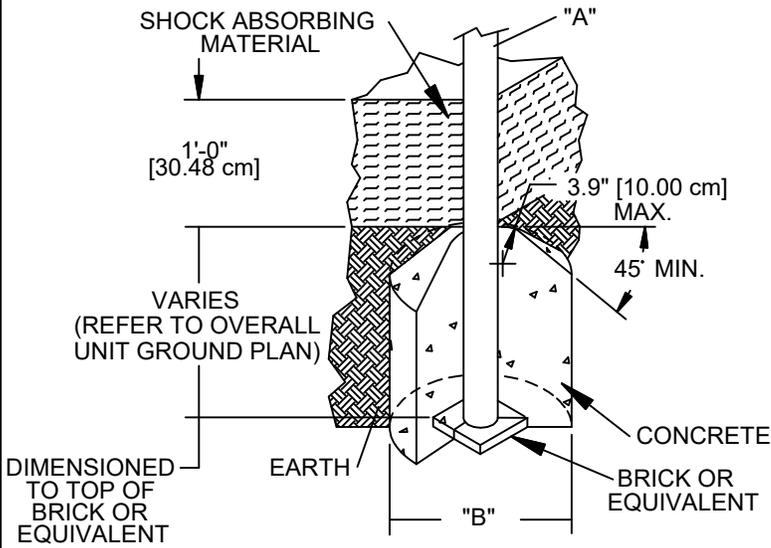
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

**REFER TO YOUR SEAT PACKAGE
INSTALLATION SHEET FOR
TOPRAIL HANGER SPACING**



BRICK OR EQUIVALENT
(SUPPLIED BY OTHERS)

ELEVATION VIEW
5317 SHOWN
5319 SIMILAR



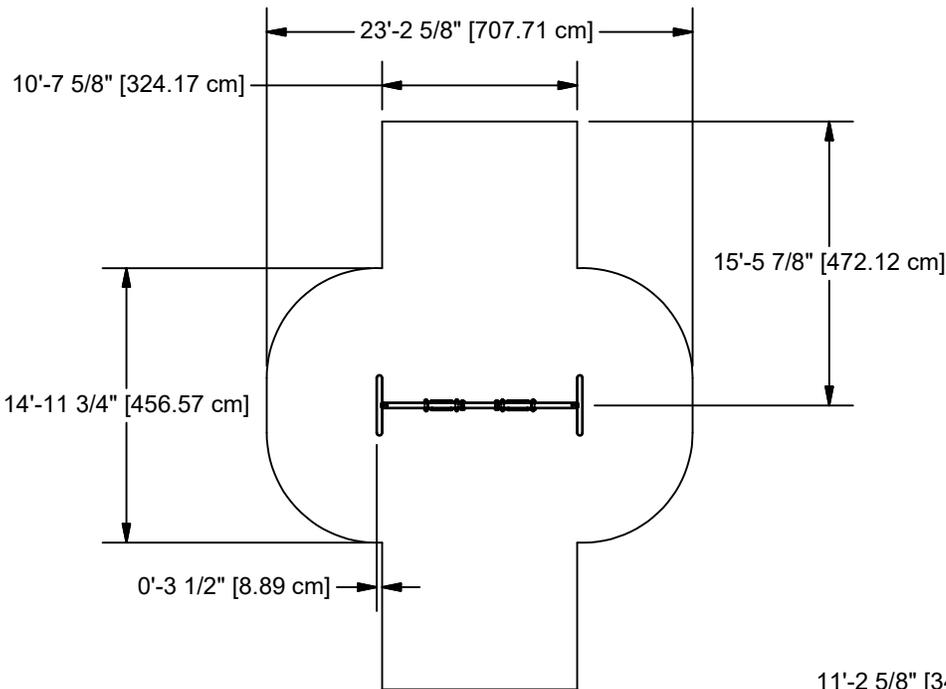
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]
TRACK RIDE & SWINGS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

NOTES:

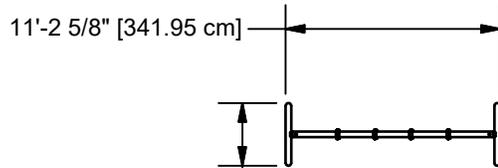
- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

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.

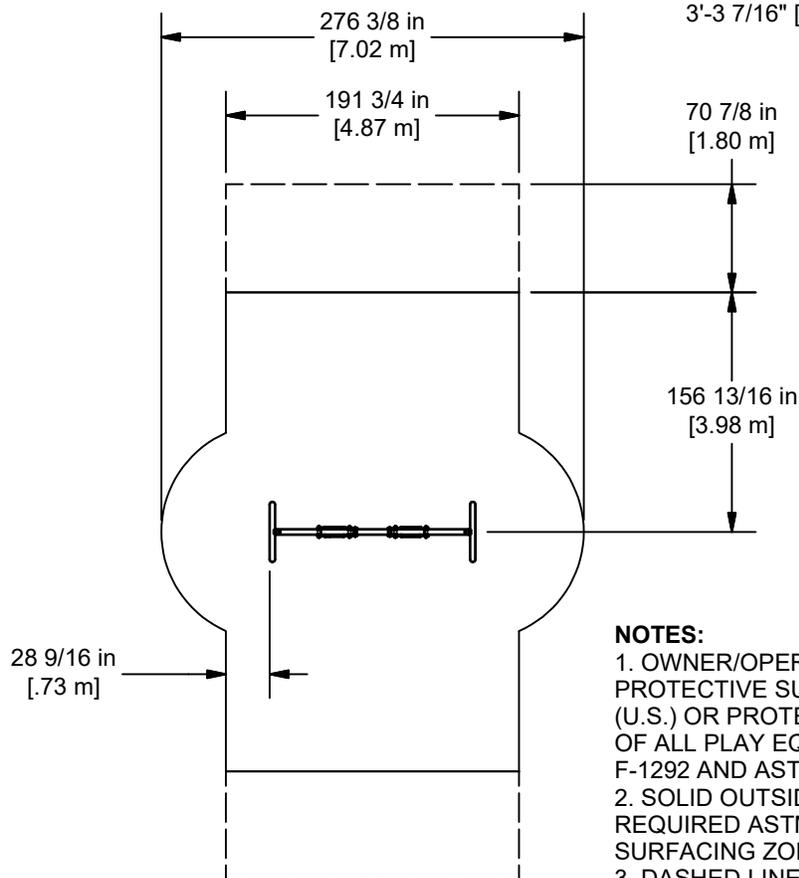
FOOTING DETAIL



USE ZONE
5316 SHOWN
5318 SIMILAR



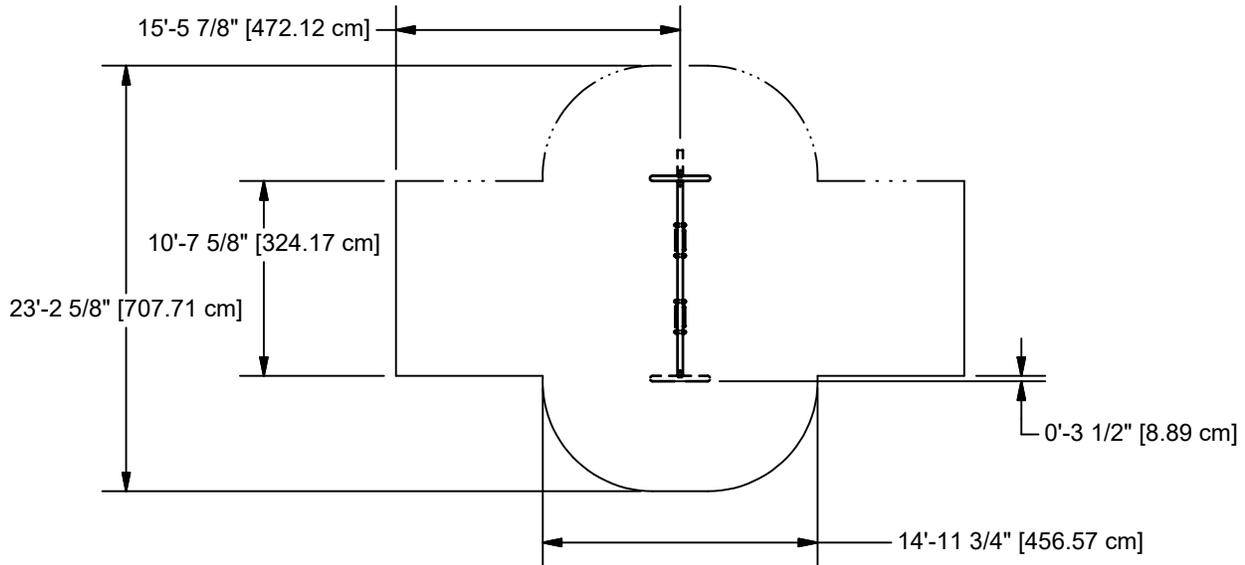
TOP VIEW
5316 SHOWN
5318 SIMILAR



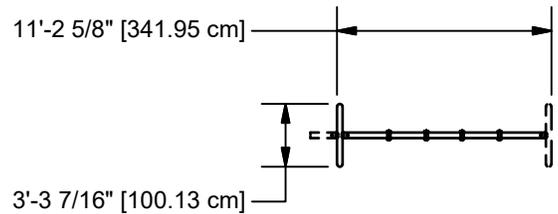
USE ZONE (CSA ONLY)
5316 SHOWN
5318 SIMILAR

NOTES:

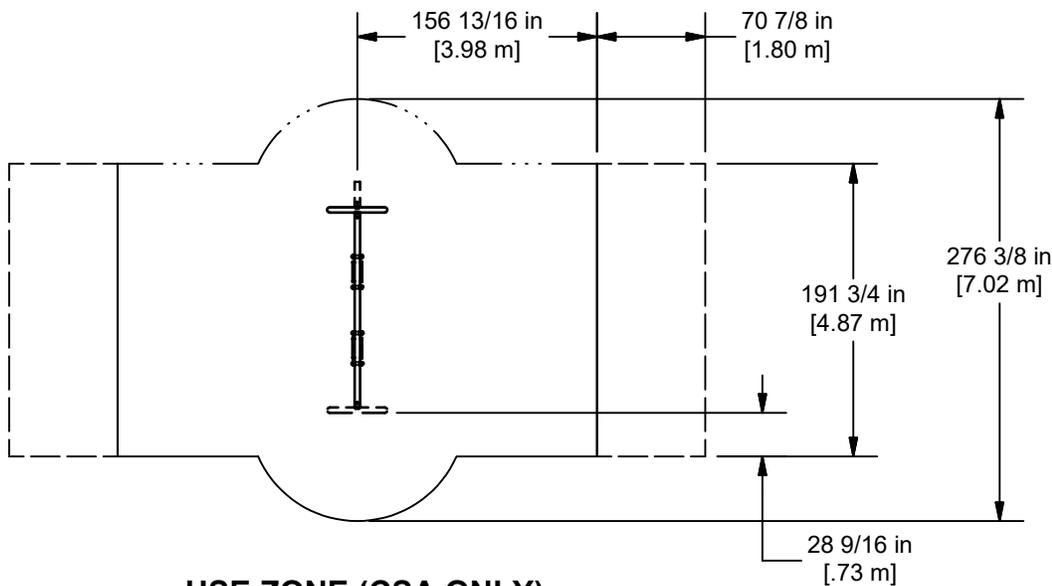
1. OWNER/OPERATOR SHALL INSTALL AND MAINTAIN PROTECTIVE SURFACING WITHIN THE USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) OF ALL PLAY EQUIPMENT TO COMPLY WITH ASTM F-1292 AND ASTM F-1487 (U.S.) OR CAN/CSA-Z-614 (CANADA).
2. SOLID OUTSIDE BORDER REPRESENTS MINIMUM REQUIRED ASTM USE ZONE AND CSA PROTECTIVE SURFACING ZONE FOR SWING FRAME SHOWN.
3. DASHED LINES REPRESENT CSA NO-ENCROACHMENT ZONE (CANADA ONLY).



USE ZONE
5317 SHOWN
5319 SIMILAR



TOP VIEW
5317 SHOWN
5319 SIMILAR



USE ZONE (CSA ONLY)
5317 SHOWN
5319 SIMILAR

NOTES:

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).



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.

INSTALLATION INSTRUCTIONS

FULL SWING FRAME ONLY

5316 5318

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.

NOTE: Refer to Detail Views for the specific hardware required in each connection.

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

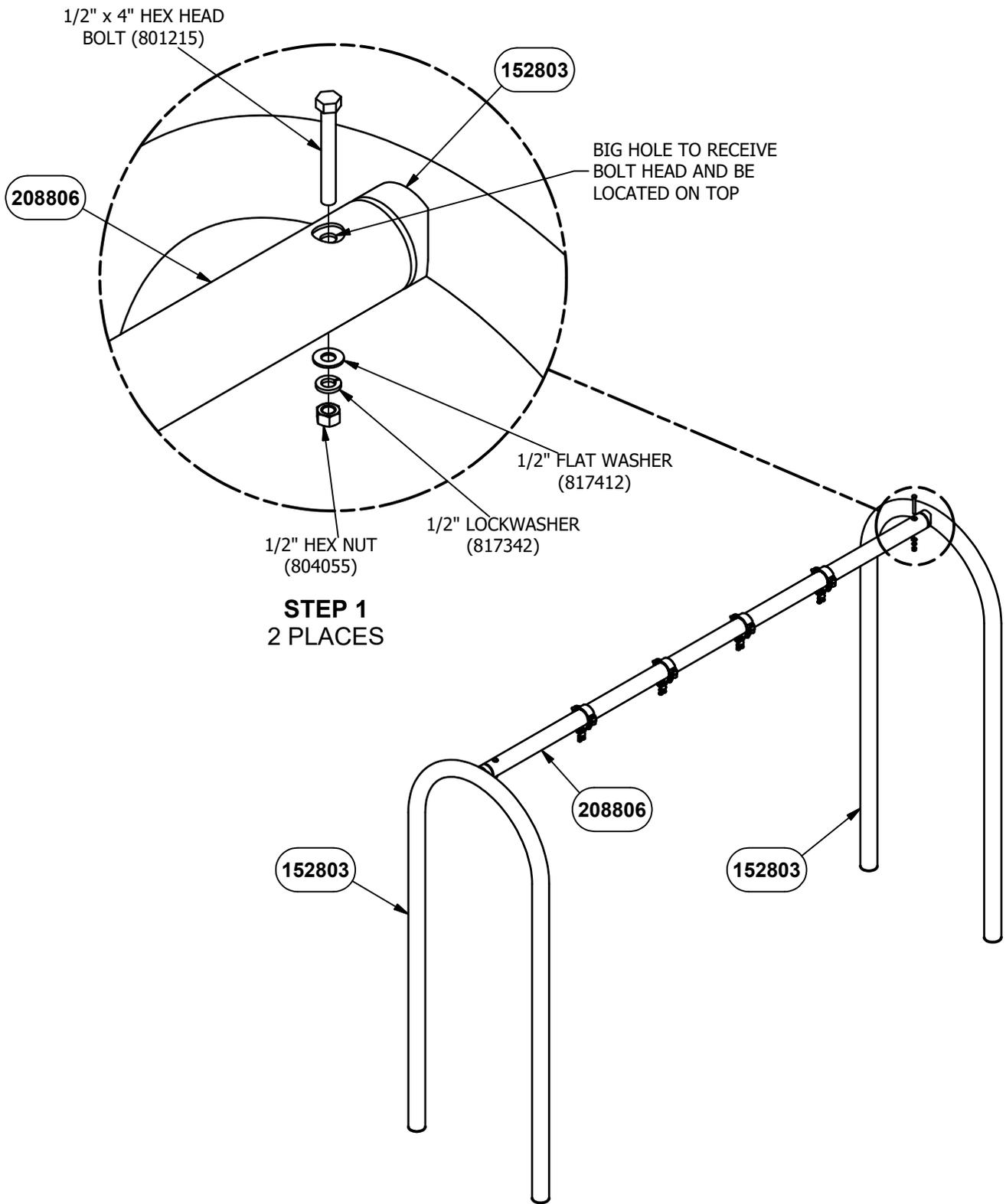
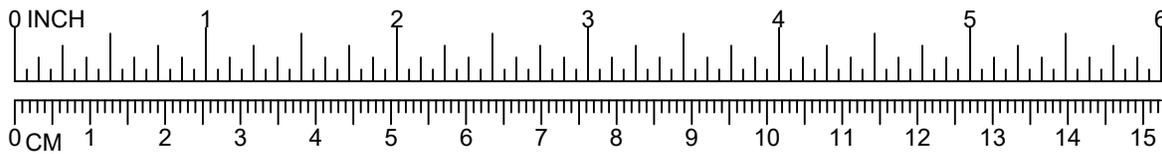
NOTE: REFER TO PAGE 1 AND PAGE 3 FOR FULL SWING FRAME ASSEMBLY VIEWS.

STEP 1: Attach Top Rail to Arch End Upright Weld Assembly. **REFER TO PAGE 12.**

NOTE: REFER TO PAGE 17 FOR SWING HANGER CONNECTION DETAILS.

NOTE: REFER TO PAGE 18 FOR ANTI-WRAP CONNECTION DETAILS.

**PAGE 12 WILL HAVE
DETAIL VIEWS FOR
FULL SWING FRAME ONLY
5316 5318**



DETAIL VIEW
FULL SWING FRAME ONLY
5316 5318

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

INSTALLATION INSTRUCTIONS

ADD-A-BAY ONLY

5317 5319

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.

NOTE: Refer to Detail Views for the specific hardware required in each connection.

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

NOTE: REFER TO PAGE 2 AND PAGE 4 FOR ADD-A-BAY ASSEMBLY VIEWS.

STEP 1: Attach Top Rail to Existing Upright. **REFER TO PAGE 14.**

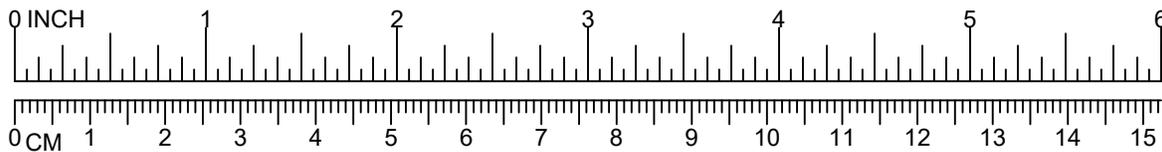
STEP 2: Attach Top Rail to Multi-bay Arch Upright Weld Assembly. **REFER TO PAGE 15.**

STEP 3: New hardware has been provided for existing end pieces if needed. Refer to Step1 Detail View for the specific hardware used in each connection. **REFER TO PAGE 16.**

NOTE: REFER TO PAGE 17 FOR SWING HANGER CONNECTION DETAILS.

NOTE: REFER TO PAGE 18 FOR ANTI-WRAP CONNECTION DETAILS.

**PAGES 14 TO 16
WILL HAVE DETAIL VIEWS FOR
ADD-A-BAY ONLY
5317 5319**

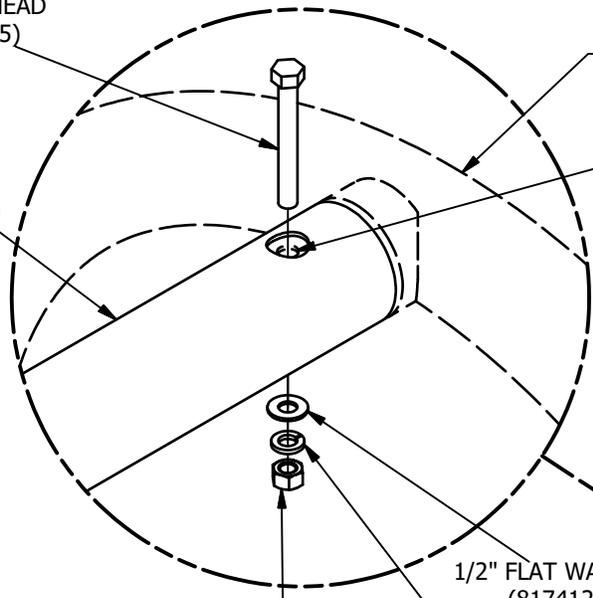


1/2" x 4" HEX HEAD BOLT (801215)

EXISTING URPIGHT

BIG HOLE TO RECEIVE BOLT HEAD AND BE LOCATED ON TOP

208806



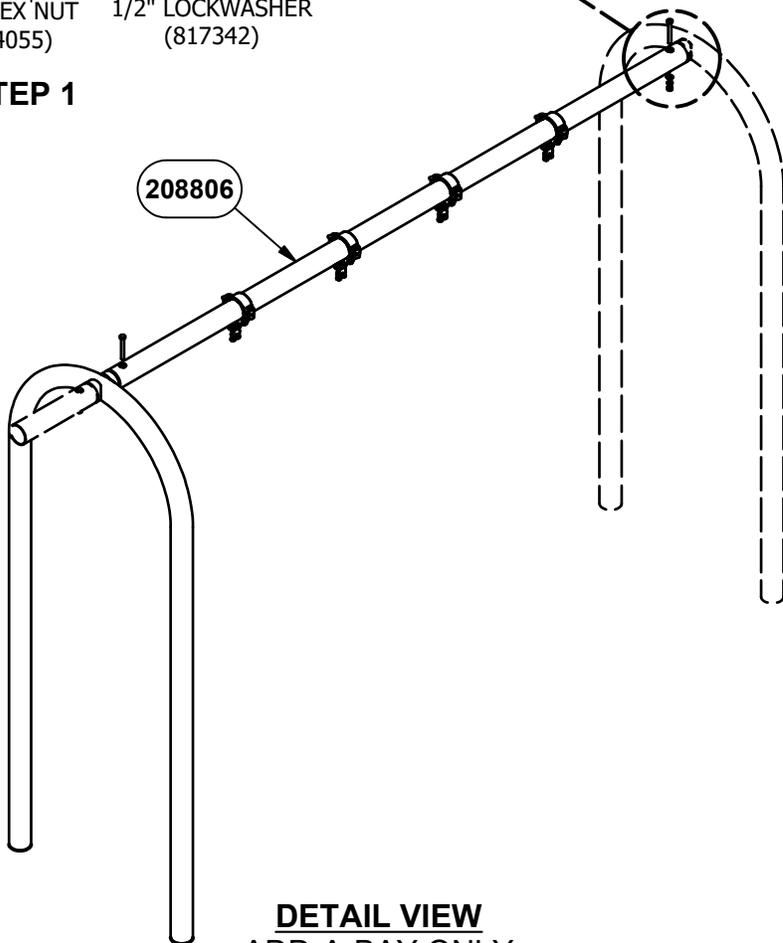
1/2" FLAT WASHER (817412)

1/2" HEX NUT (804055)

1/2" LOCKWASHER (817342)

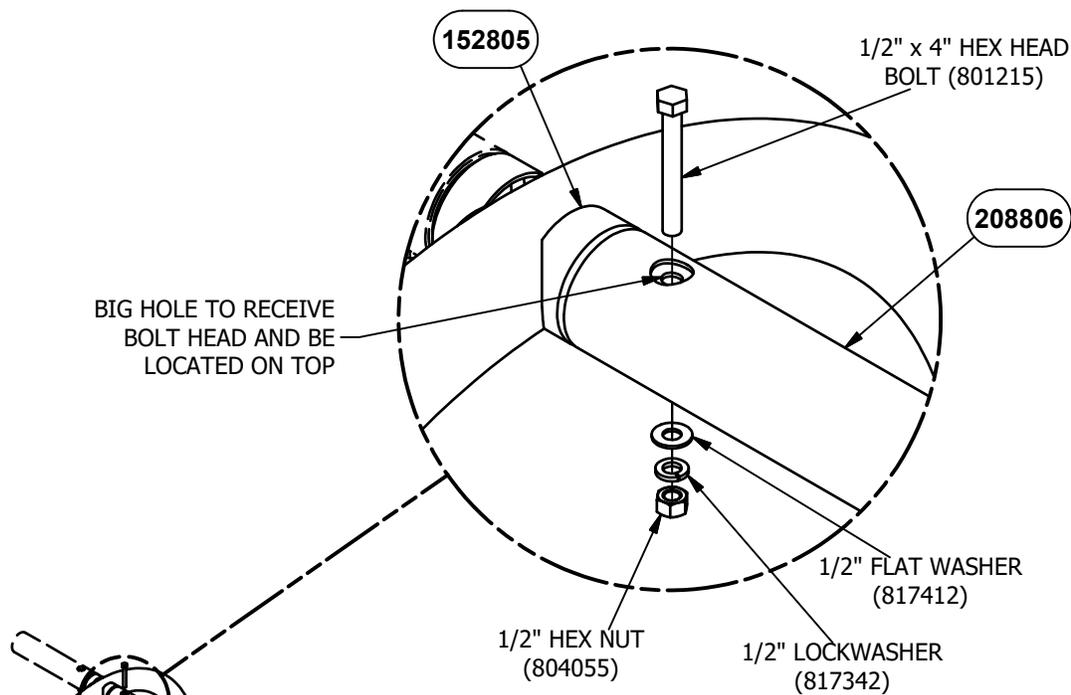
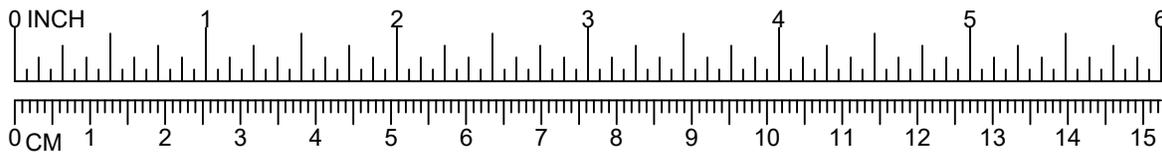
STEP 1

208806

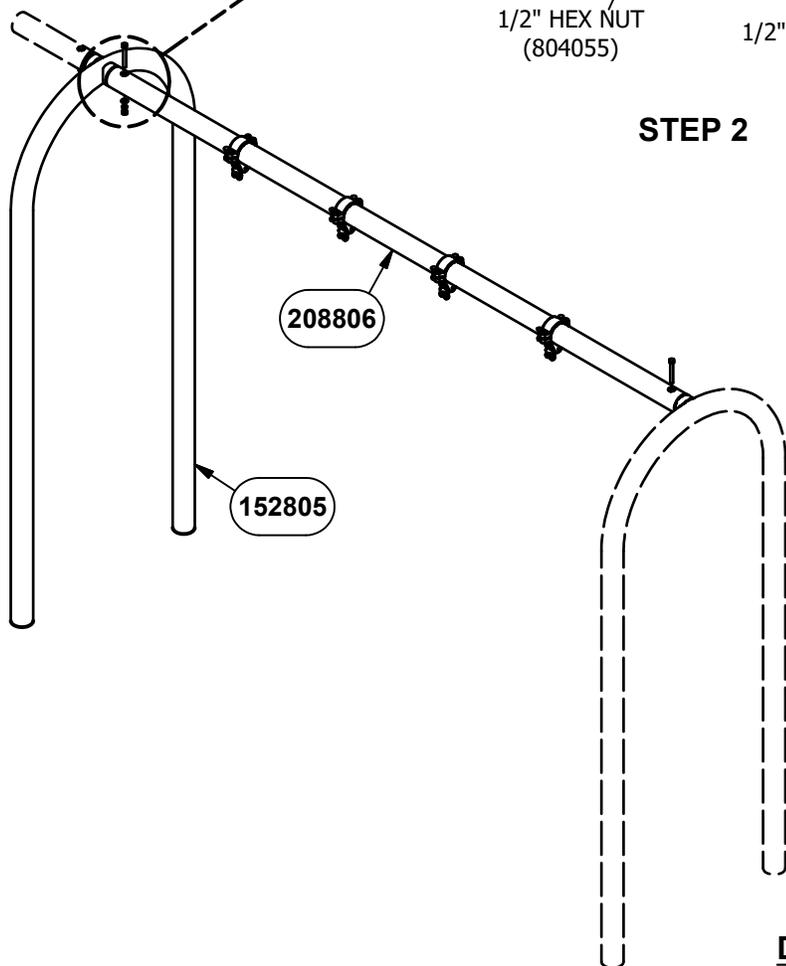


DETAIL VIEW
ADD-A-BAY ONLY
 5317 5319

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

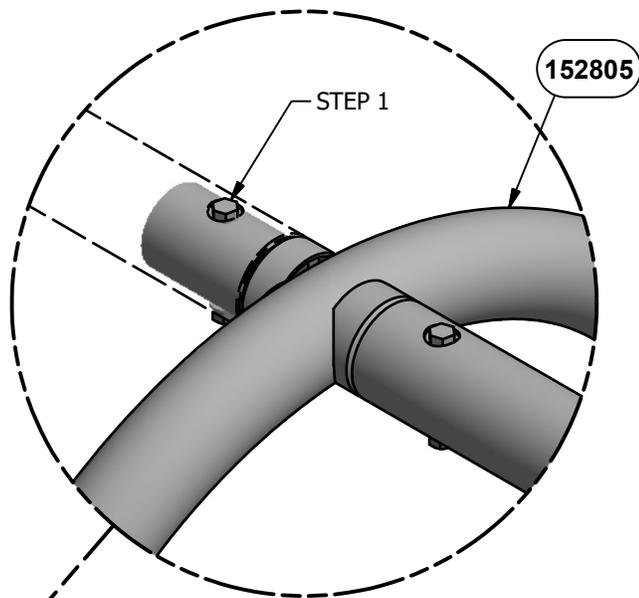
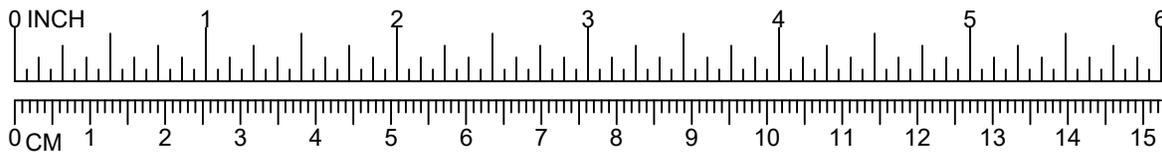


STEP 2



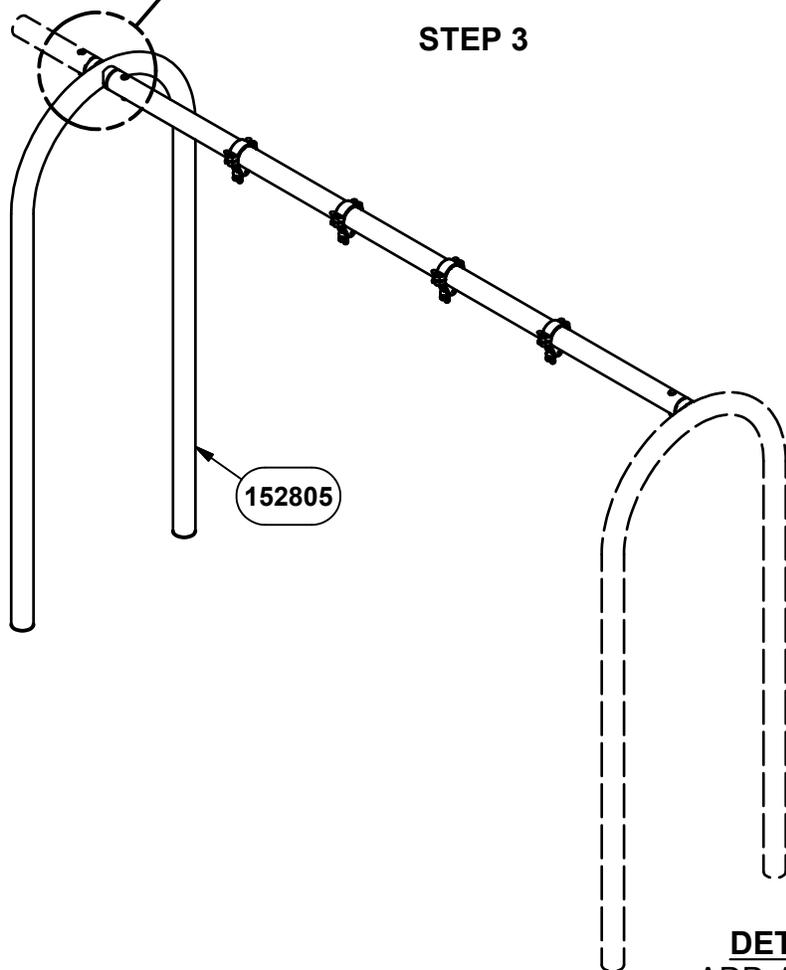
DETAIL VIEW
ADD-A-BAY ONLY
5317 5319

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



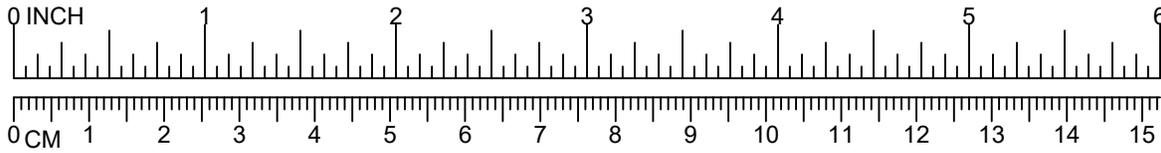
NEW HARDWARE HAS BEEN PROVIDED FOR EXISTING END PIECES IF NEEDED.

REFER TO STEP 1 DETAIL VIEW FOR THE SPECIFIC HARDWARE USED IN CONNECTION.



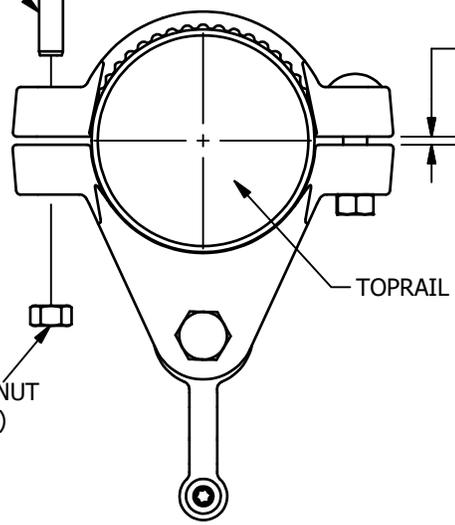
DETAIL VIEW
ADD-A-BAY ONLY
5317 5319

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



3/8" x 2" CARRIAGE BOLT (800256)

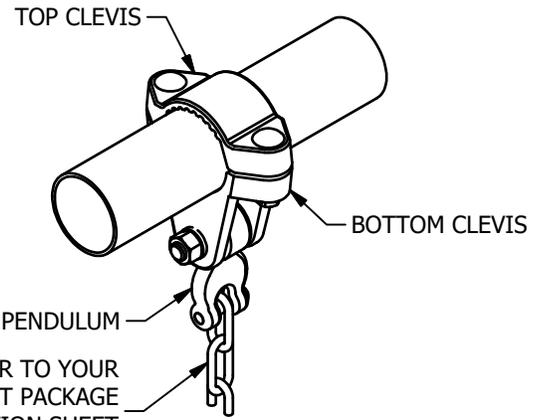
PLACE SWING HANGER ON TOPRAIL AS SHOWN. TIGHTEN IN INCREMENTS, ALTERNATING FROM SIDE TO SIDE. TIGHTEN TO 15-20 FT./LBS. TORQUE. REFER TO YOUR SEAT PACKAGE INSTALLATION SHEET FOR PROPER TOPRAIL SPACING.



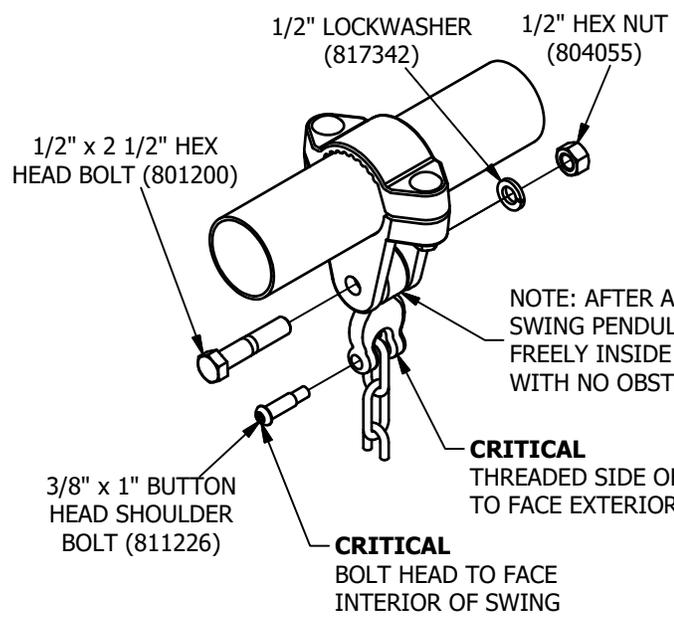
SPACING BETWEEN TABS SHOULD BE EQUAL ON BOTH SIDES OF HANGER

3/8" LOCK NUT (804353)

TOPRAIL



REFER TO YOUR SEAT PACKAGE INSTALLATION SHEET FOR CORRECT CHAIN LENGTH



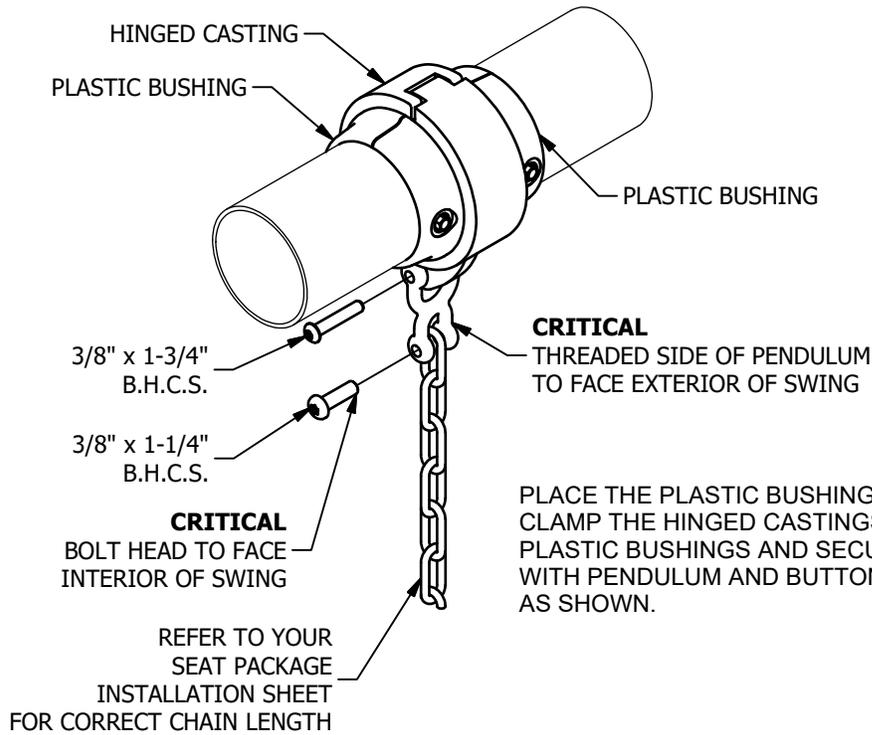
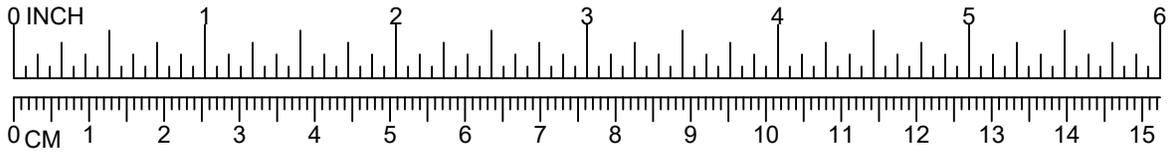
NOTE: AFTER ASSEMBLY IS COMPLETE, SWING PENDULUM SHOULD PIVOT FREELY INSIDE OF BOTTOM CLEVIS WITH NO OBSTRUCTION.

CRITICAL
THREADED SIDE OF PENDULUM TO FACE EXTERIOR OF SWING

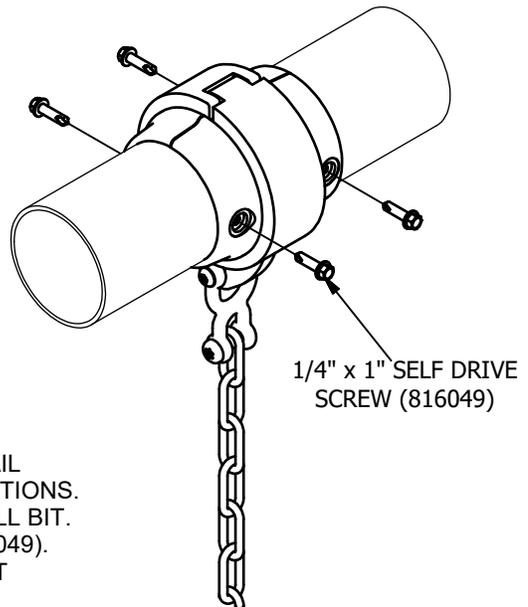
CRITICAL
BOLT HEAD TO FACE INTERIOR OF SWING

DETAIL VIEW
SWING HANGER OPTION ONLY
5316 5317

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



PLACE THE PLASTIC BUSHINGS ON TOPRAIL AND CLAMP THE HINGED CASTINGS AROUND THE PLASTIC BUSHINGS AND SECURE IN PLACE WITH PENDULUM AND BUTTON HEAD SCREW AS SHOWN.



POSITION THE ENTIRE ANTI-WRAP HANGER ON TOPRAIL AND USE A CENTER-PUNCH TO MARK THE DRILL LOCATIONS. FIELD DRILL (4) PILOT HOLES USING 3/16" OR 5/32" DRILL BIT. SECURE WITH (4) 1/4" x 1" SELF DRIVING SCREWS (816049). REFER TO YOUR SEAT PACKAGE INSTALLATION SHEET FOR PROPER TOPRAIL SPACING.

DETAIL VIEW
ANTIWRAP OPTION ONLY
 5318 5319

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

THIS PAGE IS FOR FULL SWING FRAME ONLY 5316 5318

Parts List			
DESCRIPTION	5316	5318	PART NUMBER
TOP RAIL	1	1	208806
ARCH END UPRIGHT WELD ASSEMBLY	2	2	152803
TOP CLEVIS 3 1/2" TOP RAIL	4	0	158221
BTM CLEVIS 3 1/2" TOP RAIL	4	0	158230
HARDWARE COMPLETE	1	0	224895
HARDWARE COMPLETE	0	1	224897
3/8" x 1" BUTTON HEAD SHOULDER BOLT	4	0	811226*
3/8" x 2" CARRIAGE BOLT	8	0	800256*
3/8" LOCK NUT	8	0	804353*
1/2" x 2 1/2" HEX HEAD BOLT	4	0	801200*
1/2" x 4" HEX HEAD BOLT	2	2	801215*
1/2" FLAT WASHER	2	2	817412*
1/2" LOCKWASHER	6	2	817342*
1/2" HEX NUT	6	2	804055*
SWING PENDULUM	4	0	157010*
ANTIWRAP SWING HANGER	0	4	178760*

*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: Red thread locker (supplied by others) must be applied to all non-patch threaded 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.

REFER TO NEXT PAGE FOR ADD-A-BAY PARTS LIST 5317 5319

THIS PAGE IS FOR ADD-A-BAY ONLY 5317 5319

Parts List			
DESCRIPTION	5317	5319	PART NUMBER
TOP RAIL	1	1	208806
MULTI-BAY ARCH UPRIGHT WELD ASSEMBLY	1	1	152805
TOP CLEVIS 3 1/2" TOP RAIL	4	0	158221
BTM CLEVIS 3 1/2" TOP RAIL	4	0	158230
HARDWARE COMPLETE	1	0	224896
HARDWARE COMPLETE	0	1	224898
3/8" x 1" BUTTON HEAD SHOULDER BOLT	4	0	811226*
3/8" x 2" CARRIAGE BOLT	8	0	800256*
3/8" LOCK NUT	8	0	804353*
1/2" x 2 1/2" HEX HEAD BOLT	4	0	801200*
1/2" x 4" HEX HEAD BOLT	3	3	801215*
1/2" FLAT WASHER	3	3	817412*
1/2" LOCKWASHER	7	3	817342*
1/2" HEX NUT	7	3	804055*
SWING PENDULUM	4	0	157010*
ANTIWRAP SWING HANGER	0	4	178760*

*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: Red thread locker (supplied by others) must be applied to all non-patch threaded 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.

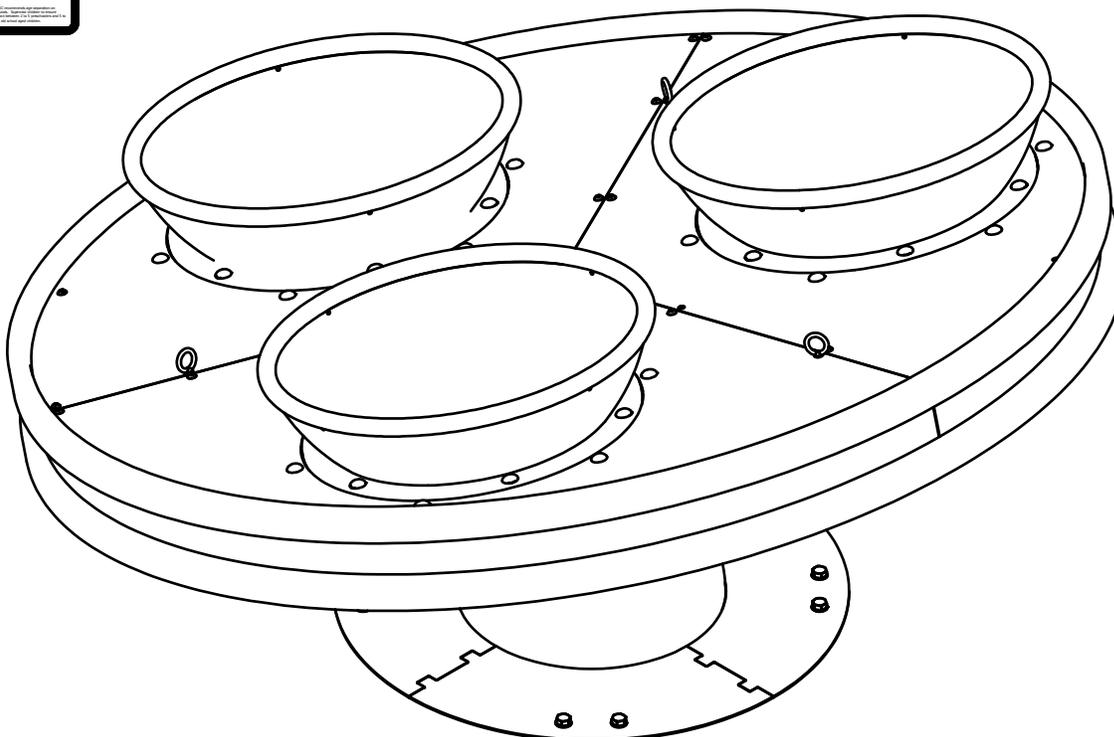
5374



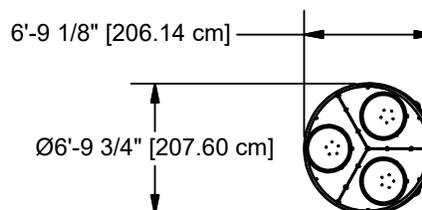
A PLAYCORE Company
1-800-235-2440

AURORA SPINNER

ISSUED/REVISED: 12/9/2024

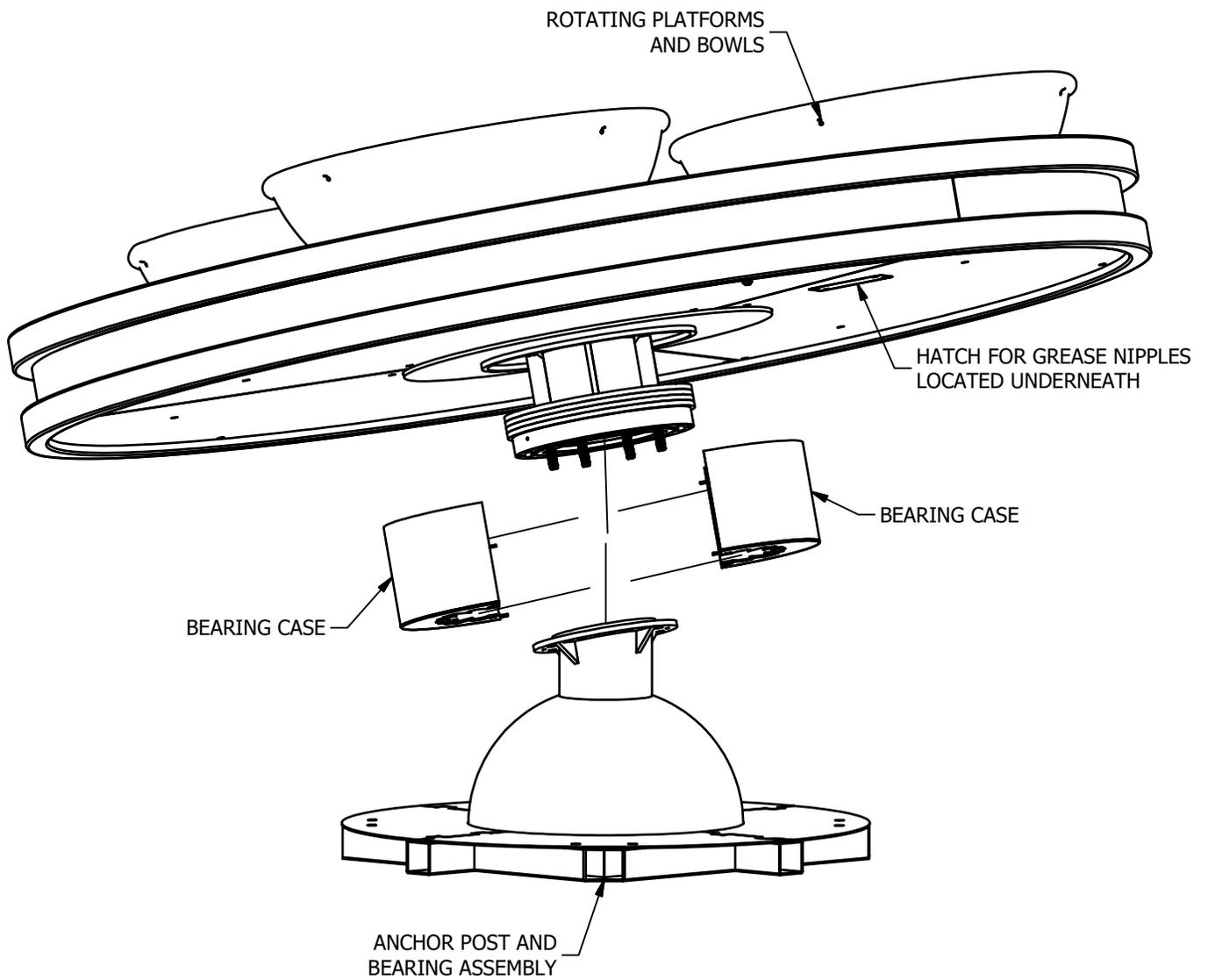


ASSEMBLY VIEW

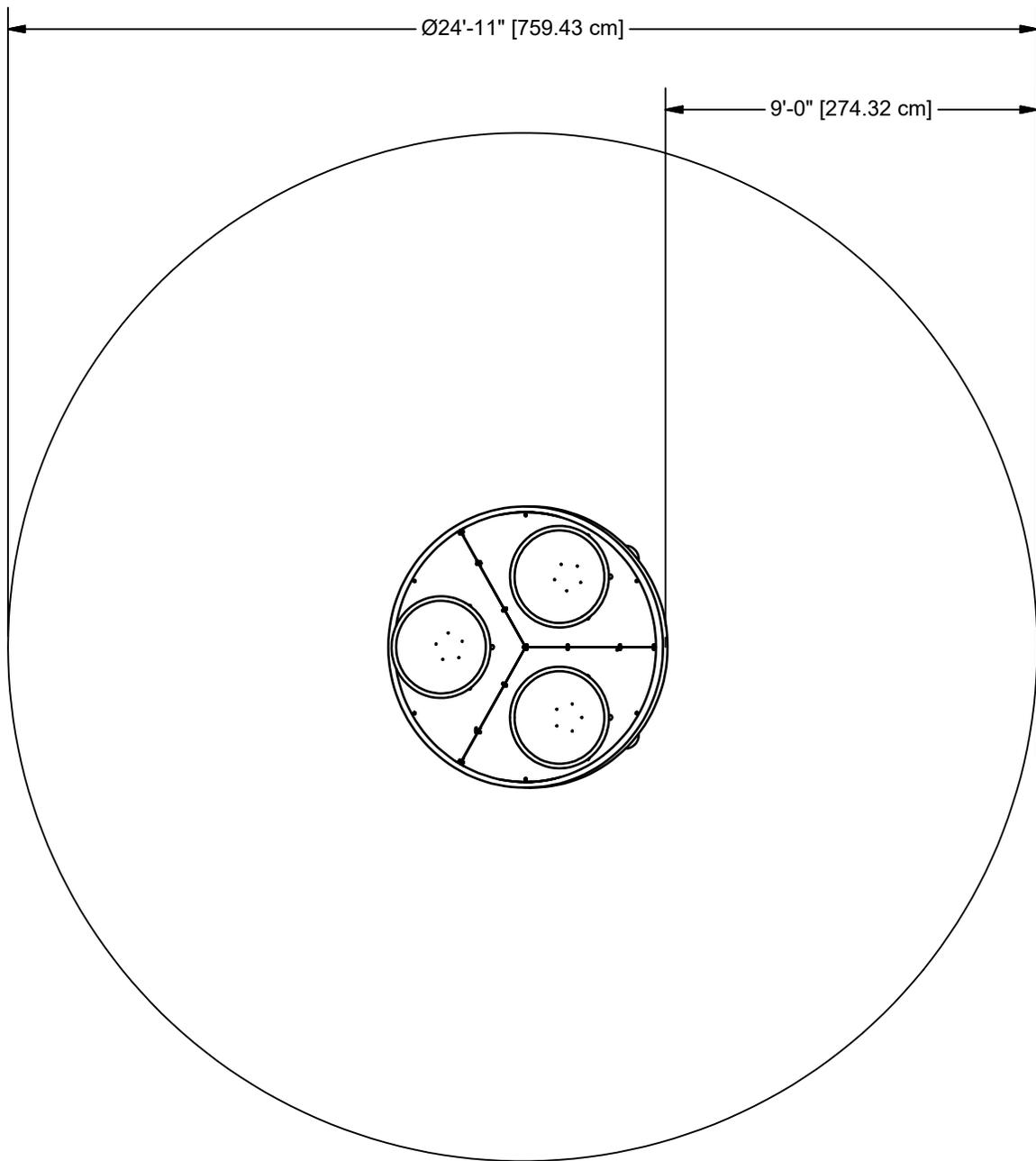


TOP VIEW

- * THIS SPINNER SHALL BE INSTALLED IN A LOW-TRAFFIC AREA.
- * OWNER/OPERATOR SHALL INSTALL AND MAINTAIN PROTECTIVE SURFACING WITHIN THE USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) OF THIS WHIRL TO COMPLY WITH ASTM F1292 AND ASTM F-1487 (U.S.) OR CAN/CSA Z-614 (CANADA). USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) FOR THIS SPINNER SHALL EXTEND TO 18'-6 1/8" [5.64 m] DIAMETER MINIMUM.
- *A NO-ENCROACHMENT ZONE (REQUIRED IN CANADA) SHALL EXTEND TO 24'-6 1/8" [7.47 m] DIAMETER MINIMUM.



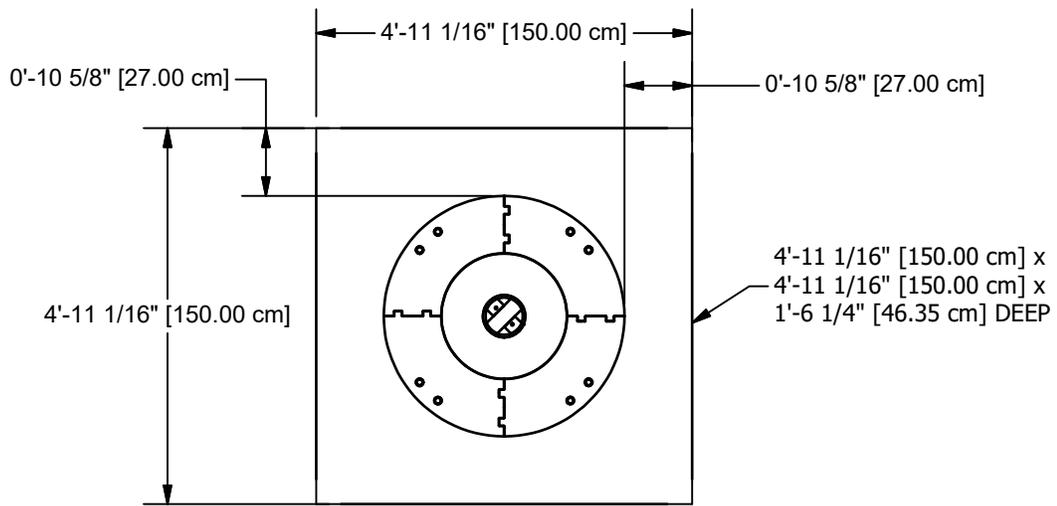
ASSEMBLY VIEW



USE ZONE

NOTES:

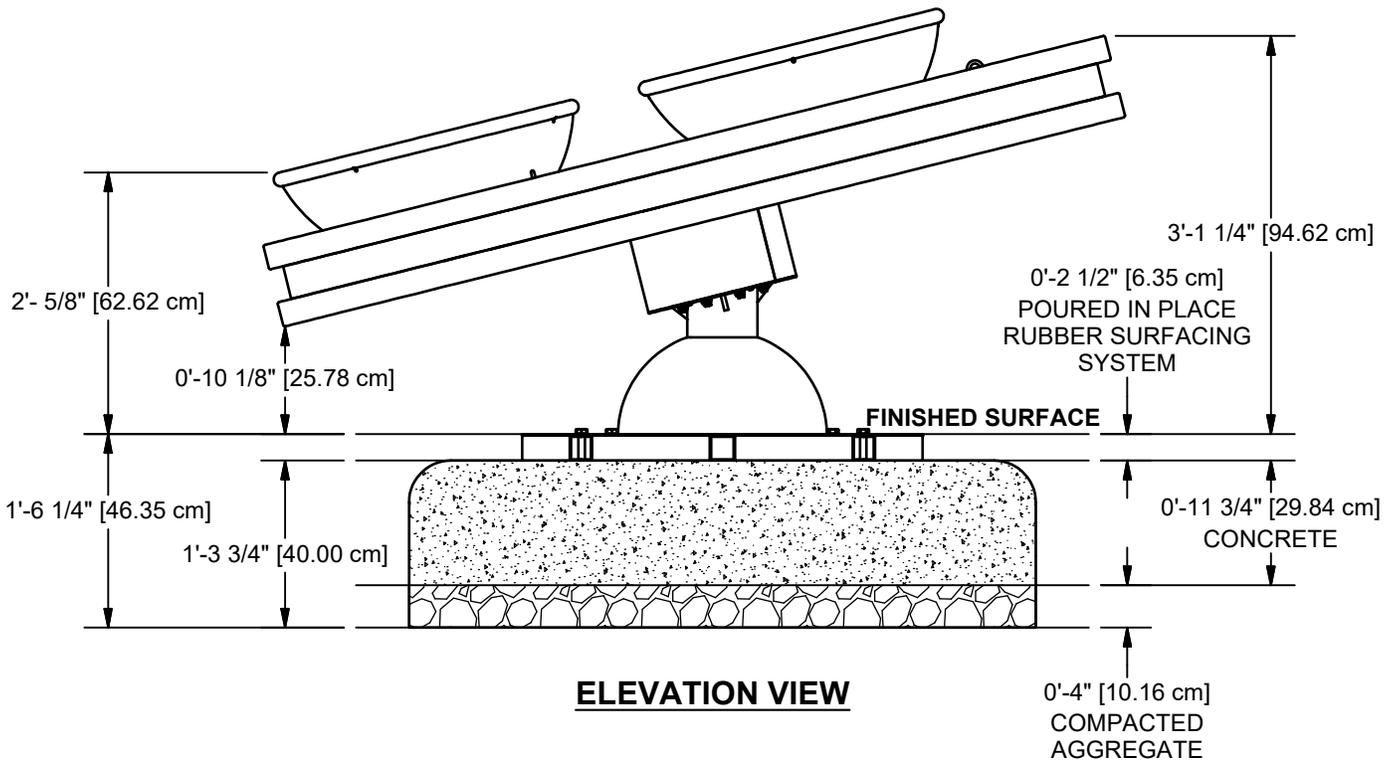
1. OWNER/OPERATOR SHALL INSTALL AND MAINTAIN PROTECTIVE SURFACING WITHIN THE USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) OF ALL PLAY EQUIPMENT TO COMPLY WITH ASTM F-1292 AND ASTM F-1487 (U.S.) or CAN/CSA-Z-614 (CANADA).
2. SOLID OUTSIDE BORDER REPRESENTS MINIMUM REQUIRED ASTM USE ZONE AND CSA PROTECTIVE SURFACING ZONE FOR SPINNER SHOWN.



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.

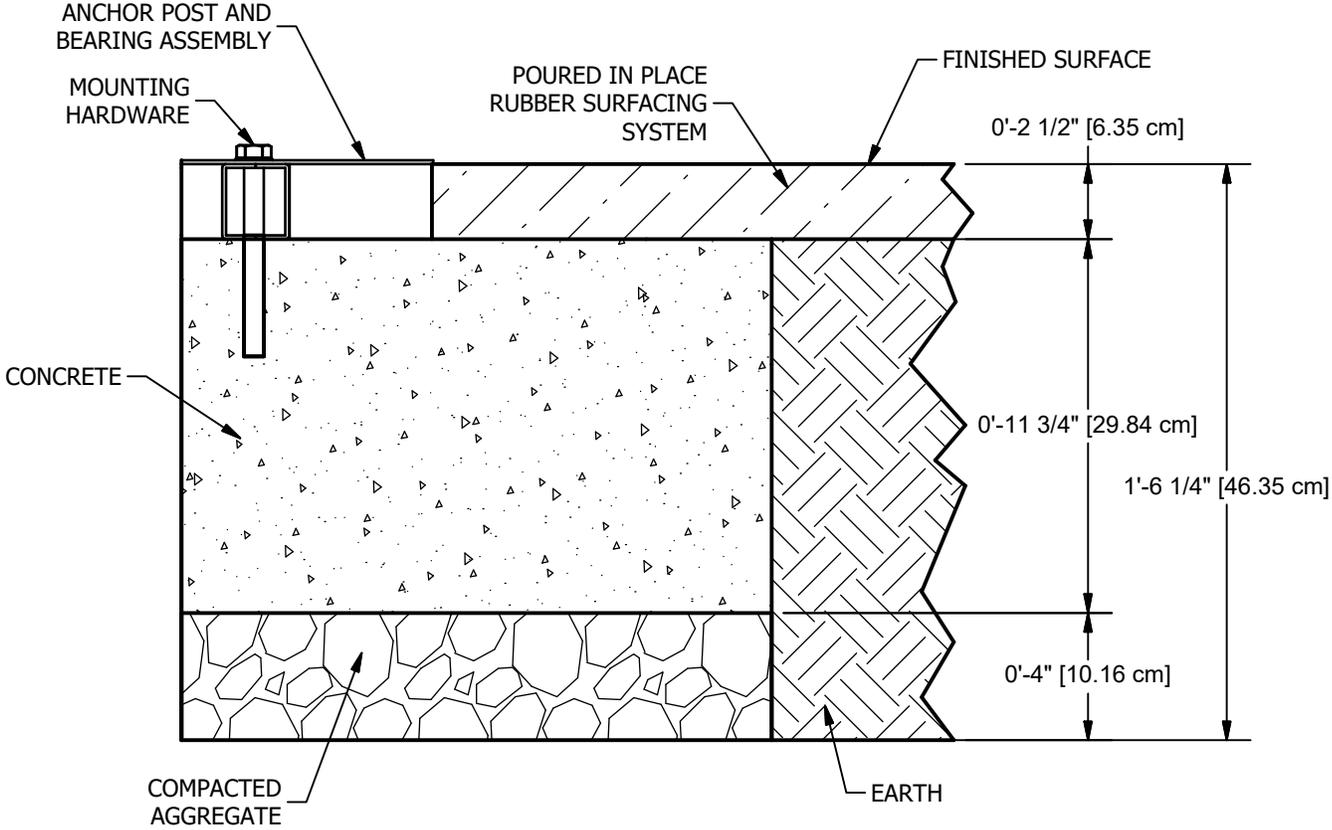
CONCRETE REQUIRED:
1.18 CUBIC YARDS
[0.90 CUBIC METERS]



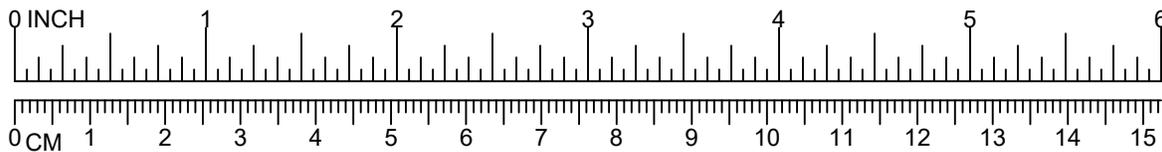
ELEVATION VIEW

NOTE: A SMALL PORTION OF THE PLATE AND MOUNTING HARDWARE WILL BE EXPOSED AFTER SURFACING IS APPLIED.

NOTE: A SMALL PORTION OF THE PLATE AND MOUNTING HARDWARE WILL BE EXPOSED AFTER SURFACING IS APPLIED.



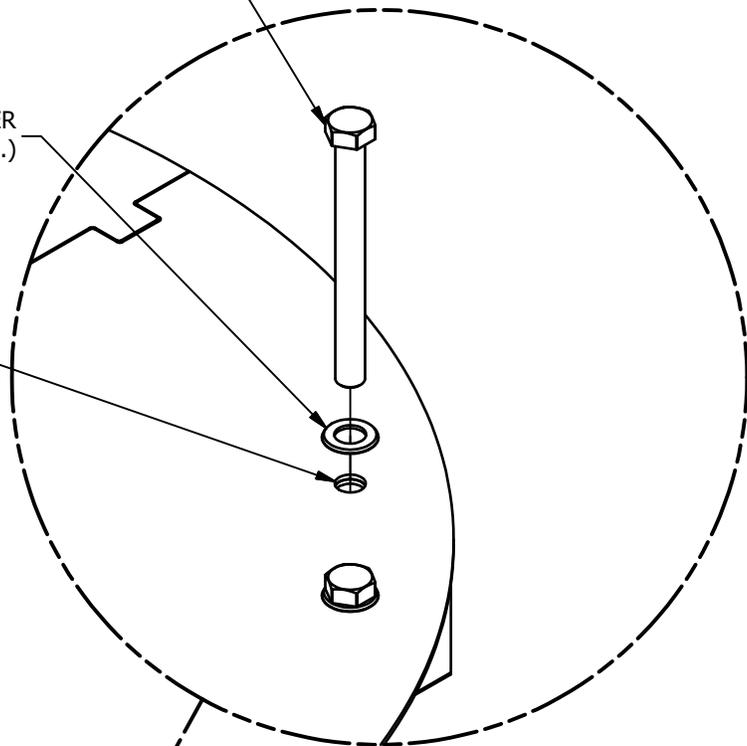
FOOTING DETAIL



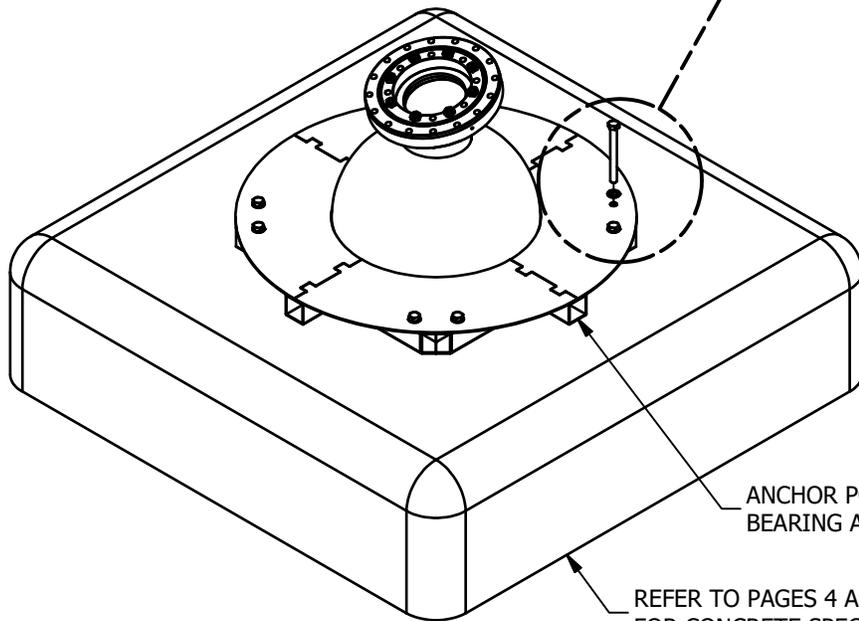
M16 x 160mm
HEX HEAD BOLT

M16 CHAMFERED WASHER
(30mm O.D.)

STEP 1
USING ANCHOR POST AND BEARING ASSEMBLY
AS A TEMPLATE, DRILL PILOT HOLES INTO
THE CONCRETE PAD USING $\varnothing 23/32$ " DRILL BIT



STEP 2
8 PLACES



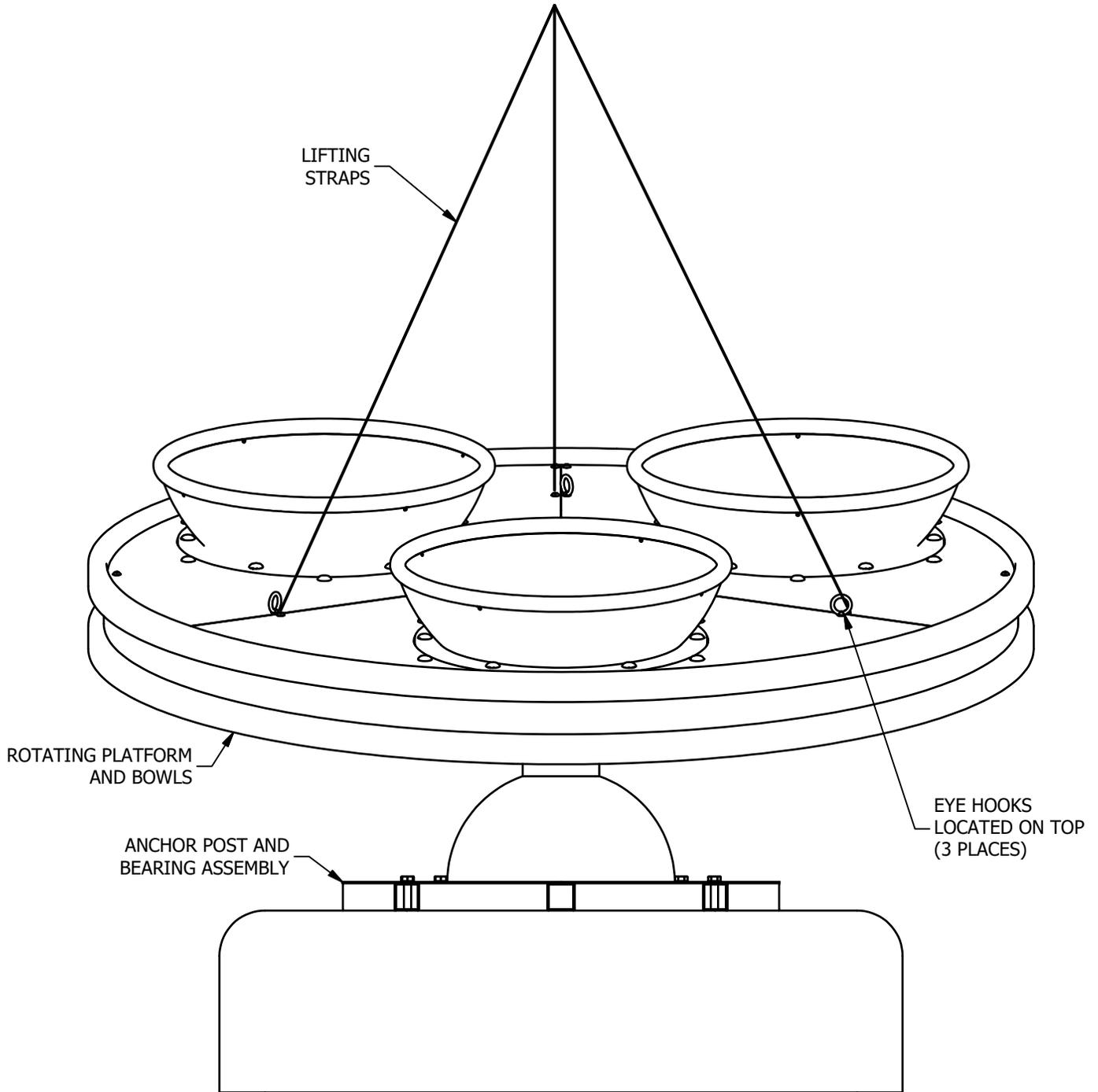
ANCHOR POST AND
BEARING ASSEMBLY

REFER TO PAGES 4 AND 5
FOR CONCRETE SPECIFICATIONS

DETAIL VIEW

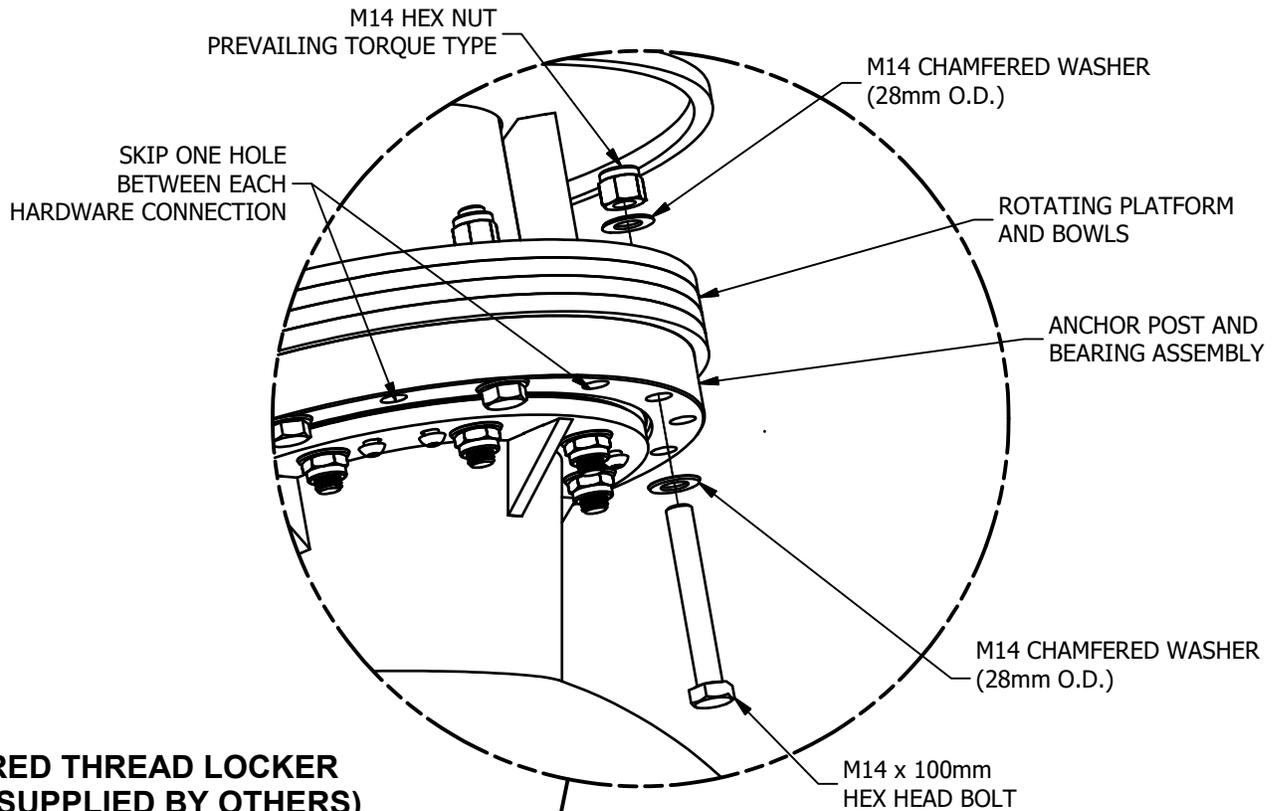
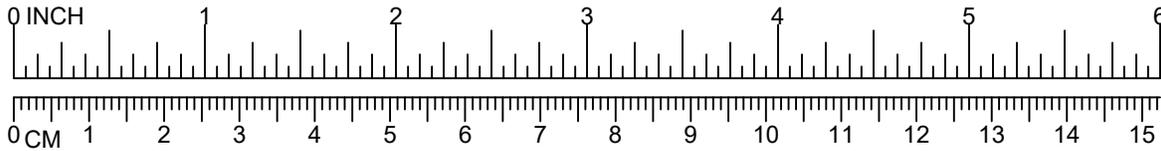
STEP 3

CENTER PICK POINT



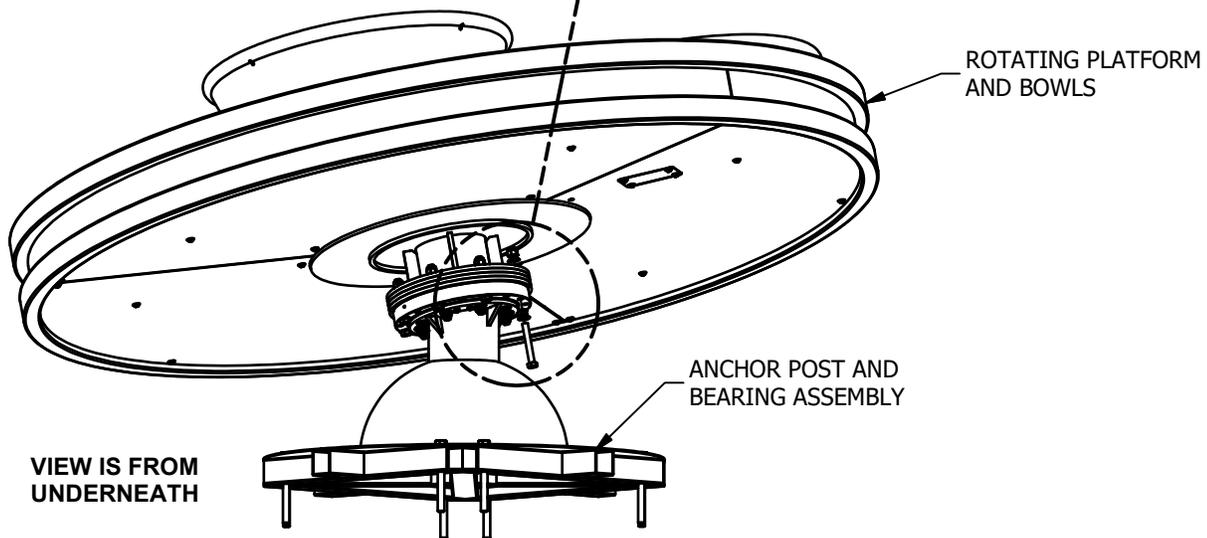
LIFTING INSTALLATION VIEW

LIFT THE ROTATING PLATFORM AND BOWLS
ON TO THE ANCHOR POST AND BEARING ASSEMBLY



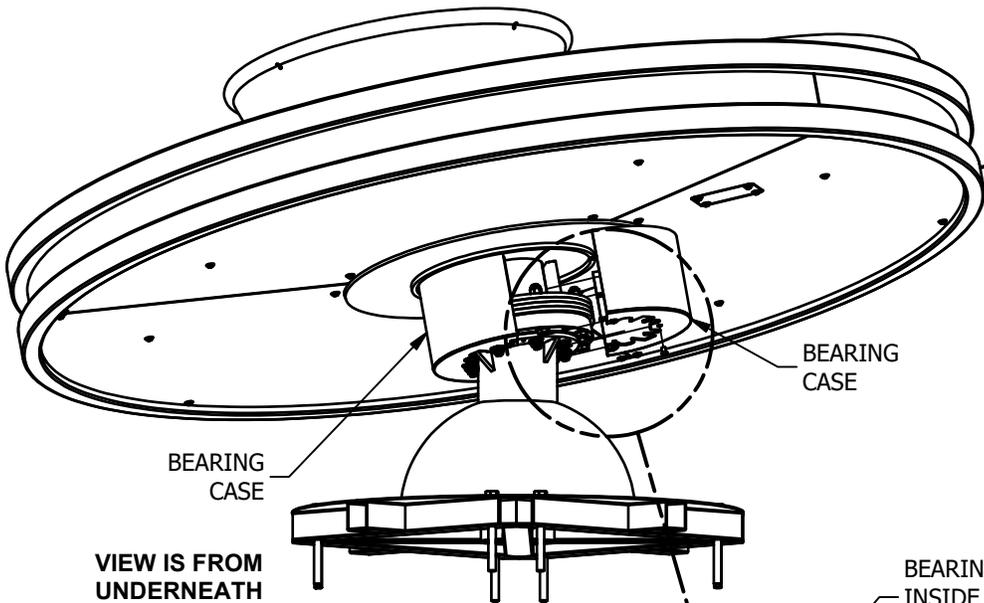
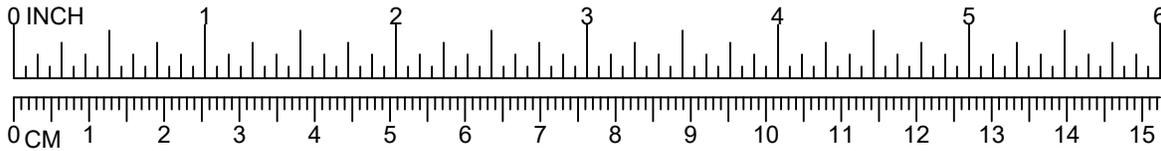
**RED THREAD LOCKER
(SUPPLIED BY OTHERS)
MUST BE APPLIED
TO ALL NON-PATCH
THREADED HARDWARE.**

**STEP 4
8 PLACES**



**VIEW IS FROM
UNDERNEATH**

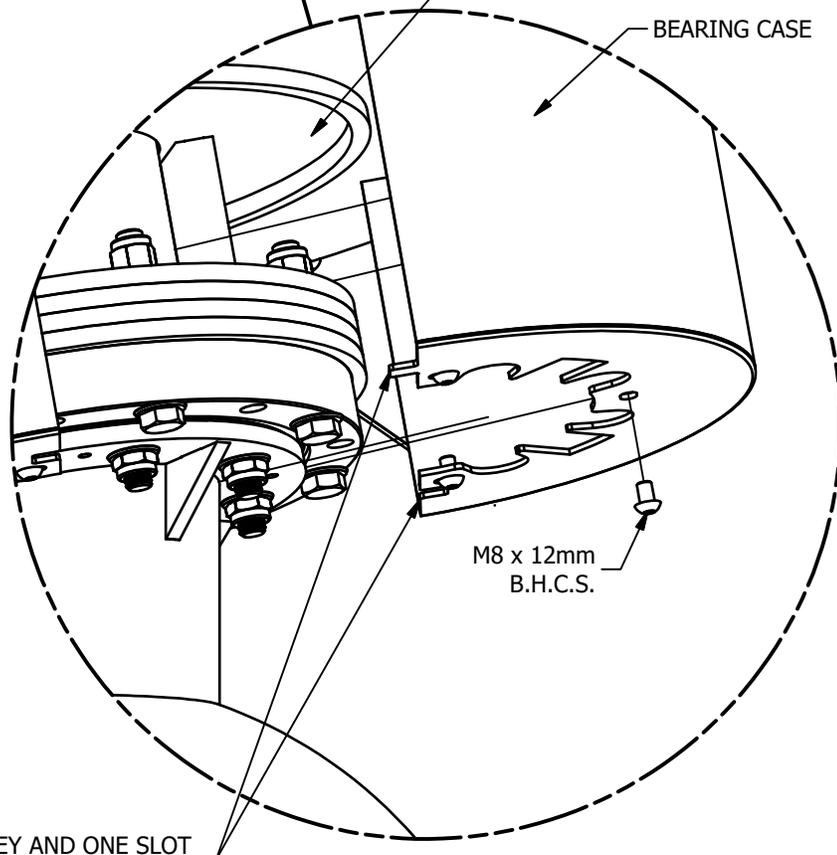
DETAIL VIEW



VIEW IS FROM UNDERNEATH

BEARING CASE MUST SIT PROPERLY INSIDE THIS GROOVE OF SPINNER ASSEMBLY

RED THREAD LOCKER (SUPPLIED BY OTHERS) MUST BE APPLIED TO ALL NON-PATCH THREADED HARDWARE.

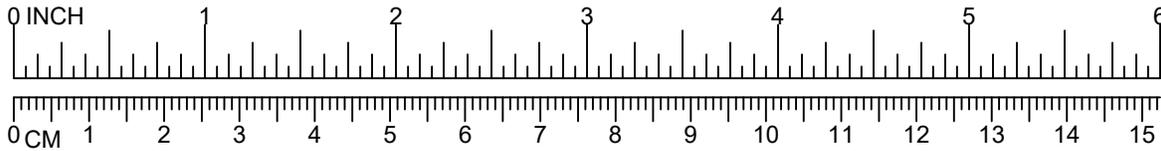


M8 x 12mm B.H.C.S.

BEARING CASE WILL CONTAIN ONE KEY AND ONE SLOT THAT CONNECTS BACK TO THE OTHER BEARING CASE

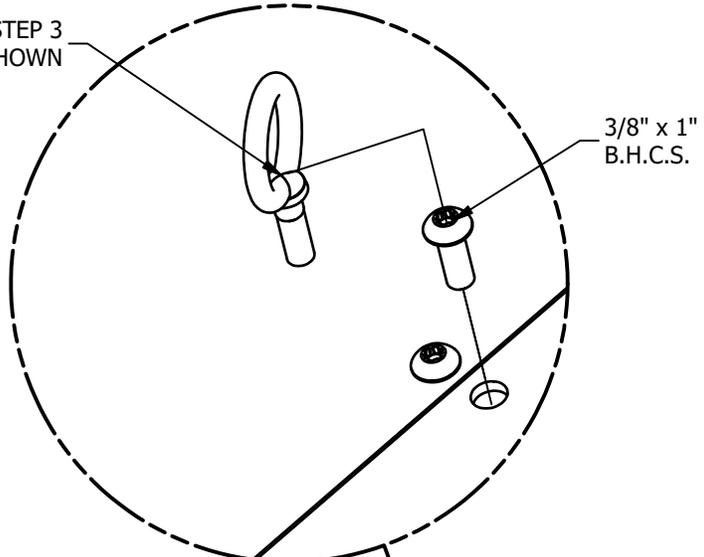
STEP 5
6 PLACES

DETAIL VIEW

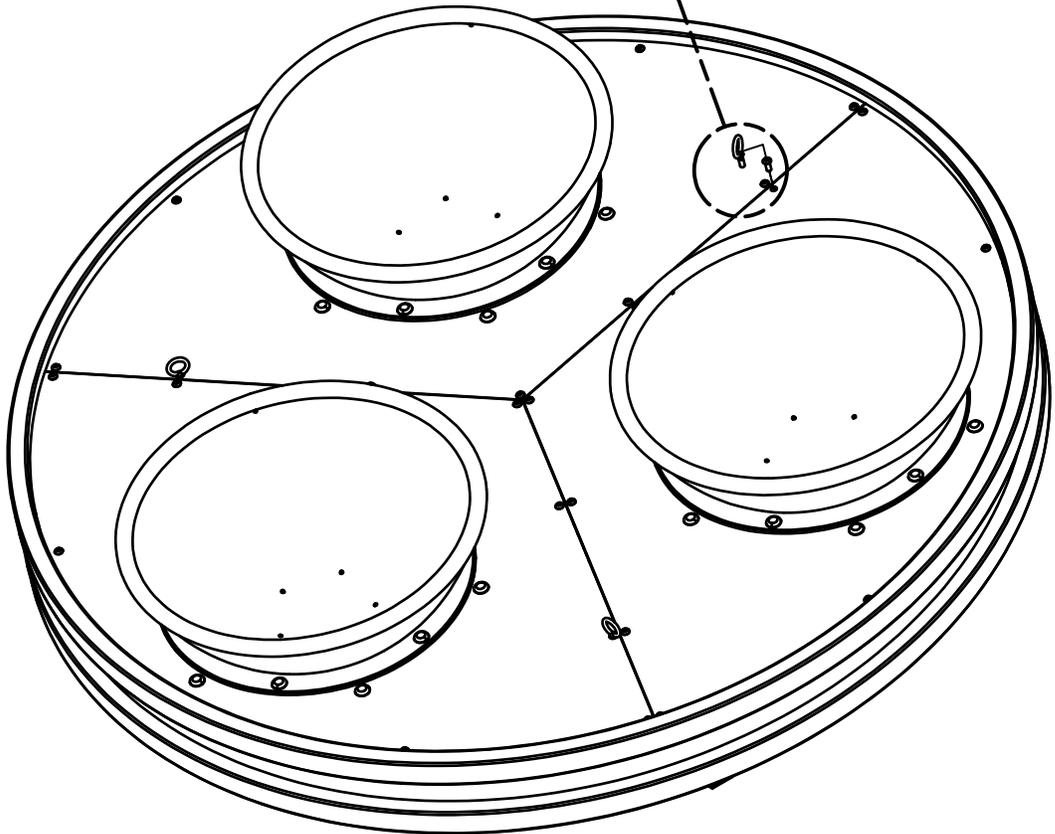


DISCARD THE EYE HOOKS USED DURING STEP 3
AND INSTALL NEW HARDWARE AS SHOWN

**RED THREAD LOCKER
(SUPPLIED BY OTHERS)
MUST BE APPLIED
TO ALL NON-PATCH
THREADED HARDWARE.**



**STEP 6
3 PLACES**



DETAIL VIEW



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.

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

DRAINAGE: If the ground does not drain naturally (water-impermeable), suitable drainage must be installed. In this case, the pit should be 5-7/8" deeper to allow a drainage pipe connected to a suitable outflow (e.g. the local sewerage system). After that, you disperse a combined frost protection and base layer on the whole area depth 5-7/8".

NOTE: Mark out an area for suitable surfacing. **REFER TO PAGE 3 ELEVATION VIEW.**

STEP 1: Using the Anchor Post and Bearing Assembly as a template, drill pilot holes into the concrete pad using Ø27/32" drill bit. **REFER TO PAGE 6.**

STEP 2: Secure the Anchor Post and Bearing Assembly to the concrete pad. **REFER TO PAGE 6.**

STEP 3: Lift the Rotating Platform and Bowls on to the Anchor Post and Bearing Assembly by using lifting straps and Eye Hooks. **REFER TO PAGE 7.**

STEP 4: Secure the Rotating Platform and Bowls to the Anchor Post and Bearing Assembly. **REFER TO PAGE 8.**

STEP 5: Attach Bearing Cases around the Step 4 connections. **REFER TO PAGE 9.**

STEP 6: Discard Eye Hooks used for the Step 3 lifting straps and install new hardware. **REFER TO PAGE 10.**

CRITICAL FINAL CHECKS

Ensure the rotation of the bowls and the platform runs smoothly and check that all hardware is secured tightly.

BEARING MAINTENANCE FOR ANCHOR POST

REFER TO PAGE 13 FOR VIEWS.

STEP 1: Remove the three M8 x 12 Button Head Cap Screws attaching one of the Bearing Cases. This was attached during Step 5 Page 9.

STEP 2: Remove that Bearing Case to reveal the bearing.

STEP 3: Locate Grease Nipple and pump grease into bearing while rotating the unit FOUR times.

BEARING MAINTENANCE FOR BOWLS

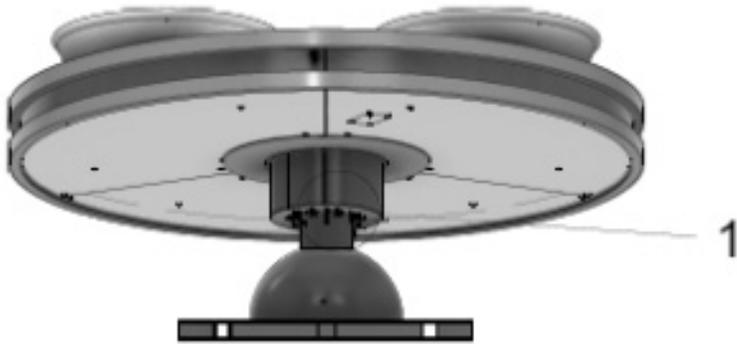
REFER TO PAGE 14 FOR VIEWS.

STEP 1: Remove the four 3/8" x 1" Button Head Cap Screws attaching the hatch on the bottom side of the rotating platform. This will already be attached before installation.

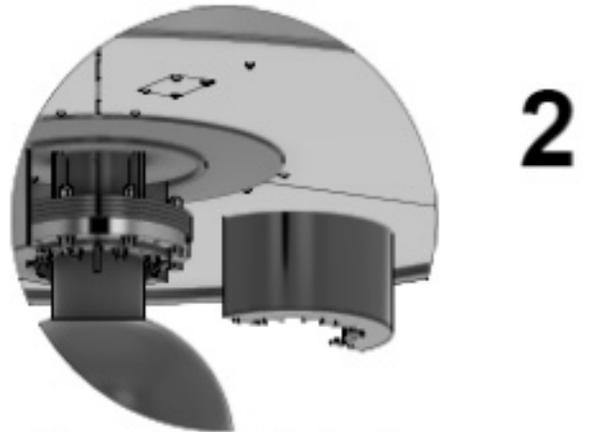
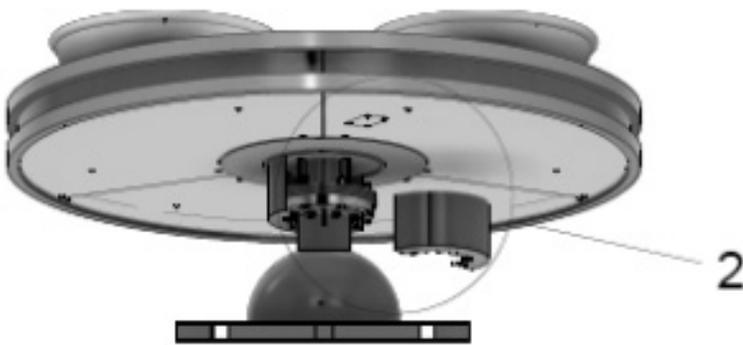
STEP 2: Remove hatch to reveal three Grease Nipples.

STEP 3: Pump grease into each Grease Nipple while rotating each bowl FOUR times.

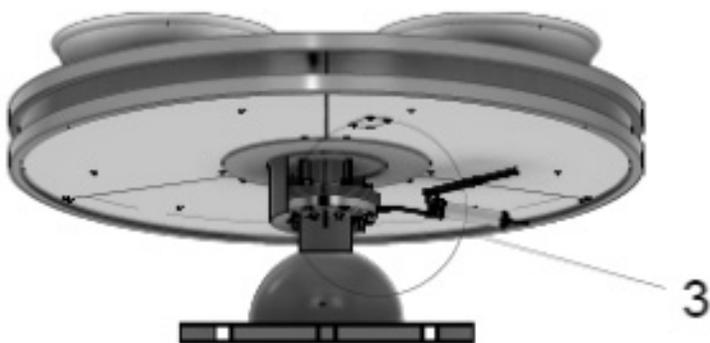
BEARING MAINTENANCE FOR ANCHOR POST



Remove the three M8 x 12 Button Head Cap Screws attaching one of the Bearing Cases. This was attached during Step 5 Page 9.

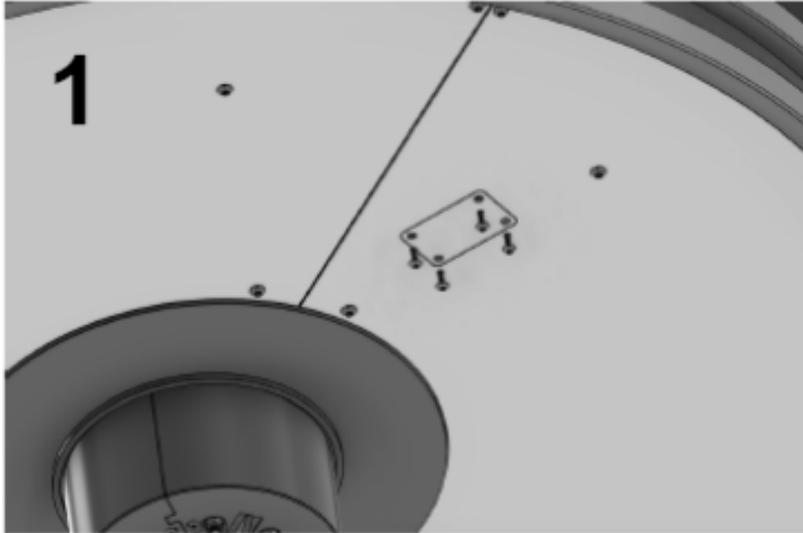


Remove that Bearing Case to reveal the bearing.



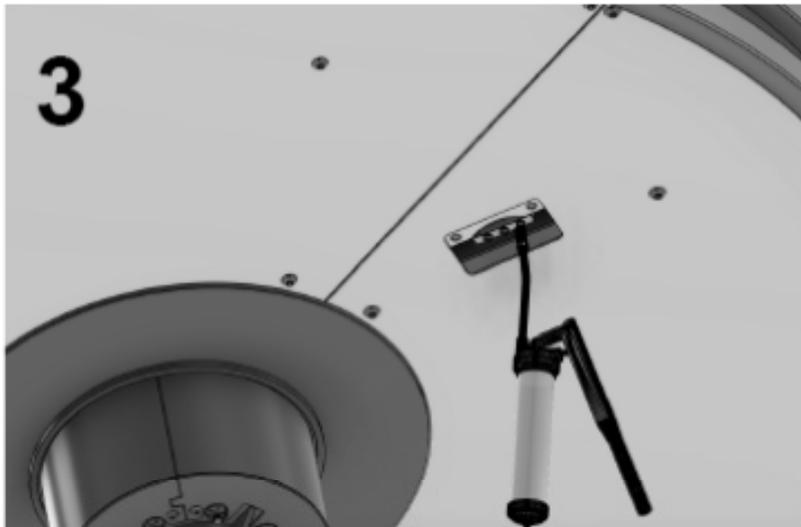
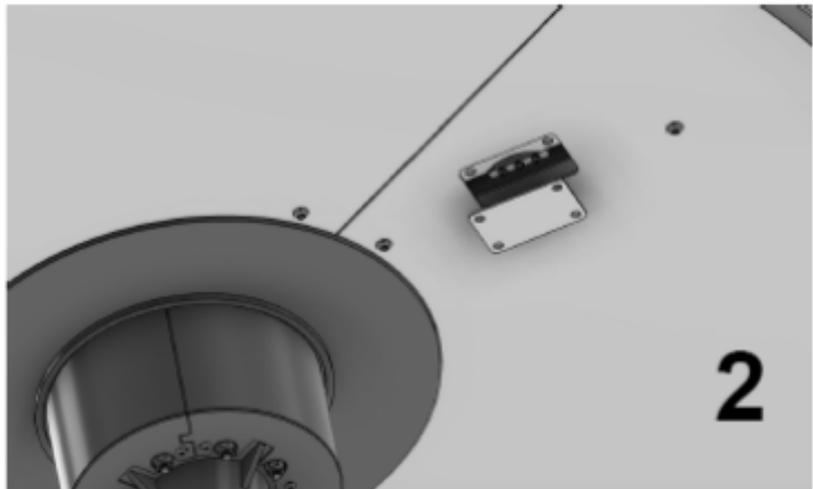
Locate grease nipple and pump grease into bearing while rotating the unit FOUR times.

BEARING MAINTENANCE FOR BOWLS



Remove the four 3/8" x 1" Button Head Cap Screws attaching the hatch on the bottom side of the rotating platform. This will already be attached before installation.

Remove hatch to reveal three grease nipples.



Pump grease into each grease nipple while rotating each bowl FOUR times.

GENERAL NOTES

1. Lifting assistance required.
2. Only use genuine spare parts.
3. Remove all installation equipment before first use.
4. Care must be taken under abnormal conditions to ensure sufficient foundation depth is available.
5. Aurora Spinner Assembly must be installed into level ground.

ROUTINE VISUAL AND OPERATIONAL INSPECTIONS

1. Carried out every 3 months. The frequency of inspection will vary depending upon the type of equipment or material used and other factors such as: Heavy use, vandalism, coastal location, air pollution, and age of equipment.
2. Check general structural integrity and for any loose hardware and tighten if necessary.
3. Check paint work for damage, touch up if required.
4. Check for excessive wear on any parts.
5. Listen for any abnormal noise from bearing during rotation of unit.
6. Check surfacing for excessive wear or damage.
7. If subject to heavy use or vandalism, daily inspection is recommended by: checking for loose or dangerous parts, clearances, ground surfaces, sharp objects, missing parts, excessive wear, and cleanliness of equipment on site.

MAIN INSPECTION

1. Carried out annually.
2. Close off surrounding area to create safe environment during maintenance and apply warning signs.
3. Remove Covers.
4. Check bearing for excessive wear and replace if required.
5. Apply a good quality waterproof grease to bearing at all grease points.
6. Refit Covers and replace any bolts if damaged.
7. Check for smooth operation.

Parts List		
DESCRIPTION	QTY	PART NUMBER
	1	225186
ANCHOR POST	1	**
BEARING ASSEMBLY FOR ANCHOR POST	1	**
BOWL	3	**
BEARING ASSEMBLY FOR BOWL	3	**
BEARING CASE	2	**
ROTATING PLATFORM FRAME	1	**
TOP FLOOR QUADRANT FOR BOWL	3	**
BOTTOM FLOOR QUADRANT	2	**
BOTTOM FLOOR QUADRANT WITH HATCH	1	**
3/8" x 1" B.H.C.S.	52	**
M8 x 12mm B.H.C.S.	6	**
M12 x 80mm COACH BOLT	36	**
M12 EYE HOOK	3	**
M14 x 75mm HEX HEAD BOLT	8	**
M14 x 100mm HEX HEAD BOLT	8	**
M14 CHAMFERED WASHER (28mm O.D.)	32	**
M14 HEX NUT PREVAILING TORQUE TYPE	16	**
M16 x 160mm HEX HEAD BOLT	8	**
M16 CHAMFERED WASHER (30mm O.D.)	8	**

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

*** Included in Aurora Spinner Assembly*

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: Red thread locker (supplied by others) must be applied to all non-patch threaded 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.



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5377

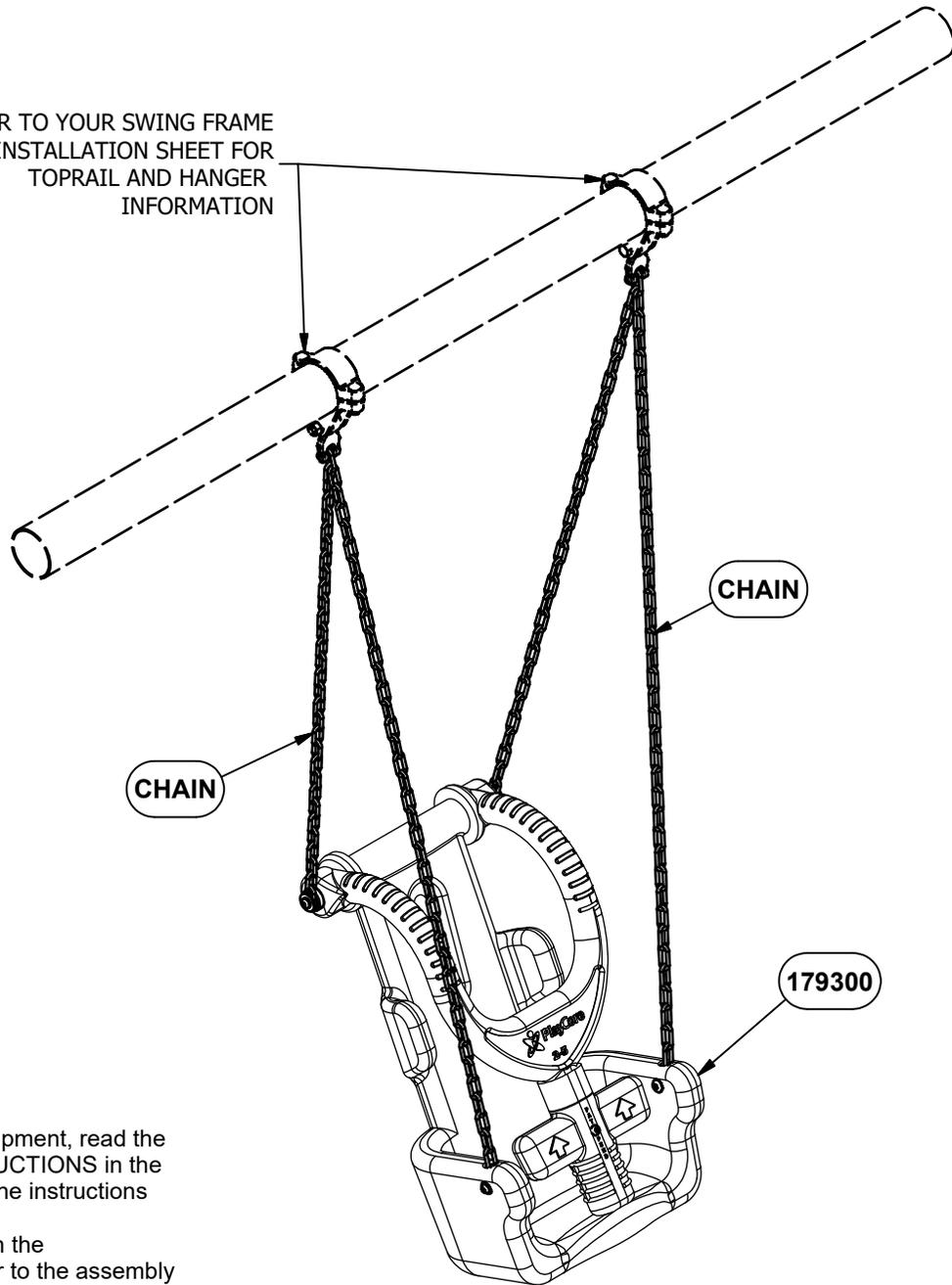
**ZERO-G
(2-5) BEIGE**

ISSUED/REVISED: 1/14/2025

8'-0" TOPRAIL HEIGHT



REFER TO YOUR SWING FRAME
INSTALLATION SHEET FOR
TOPRAIL AND HANGER
INFORMATION

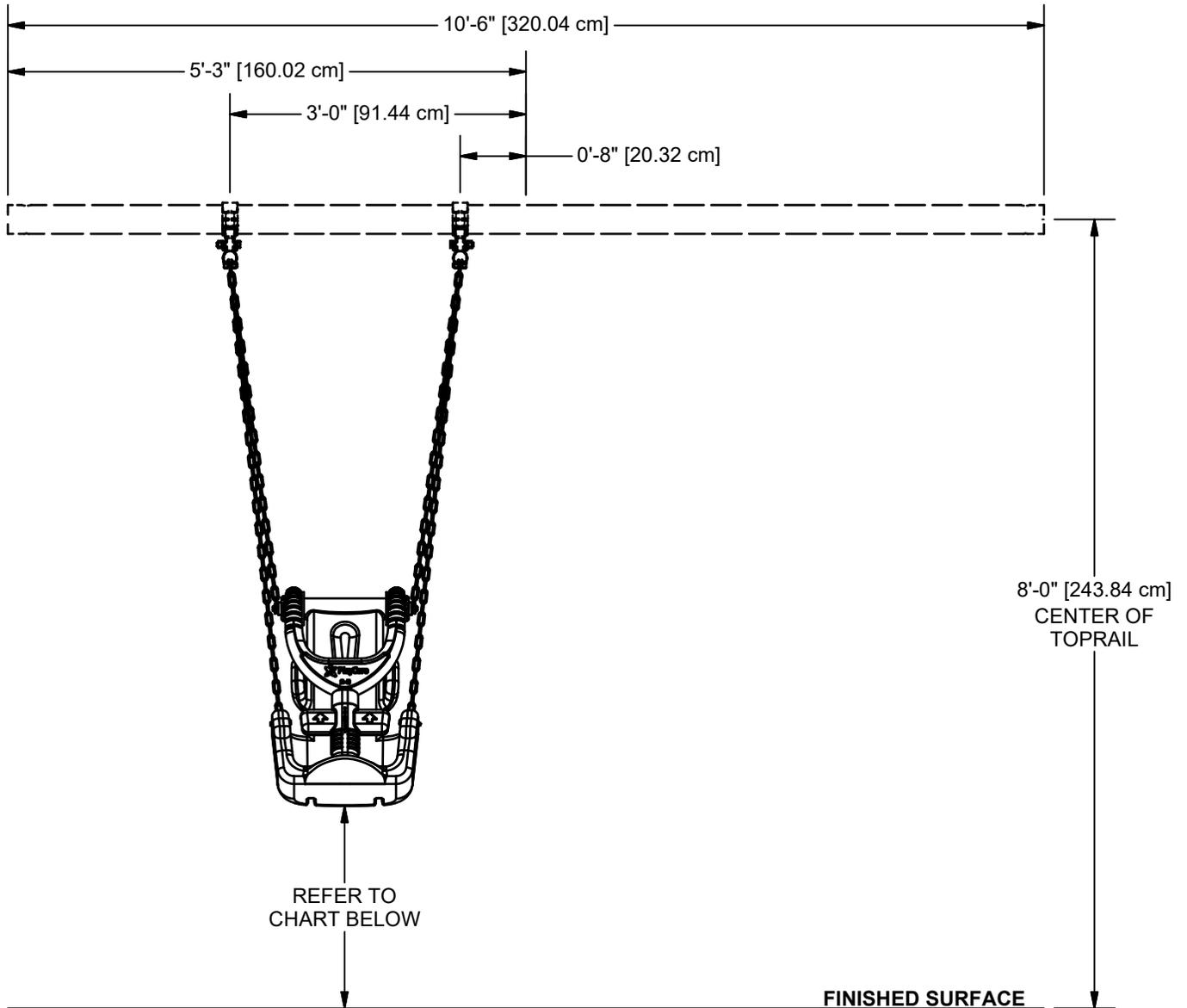


**INSTALLATION
INSTRUCTIONS**

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. **RED THREAD LOCKER (SUPPLIED BY OTHERS) MUST BE APPLIED TO ALL NON-PATCH THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

ASSEMBLY VIEW

8'-0" PRIMETIME STANDARD TOPRAIL SHOWN

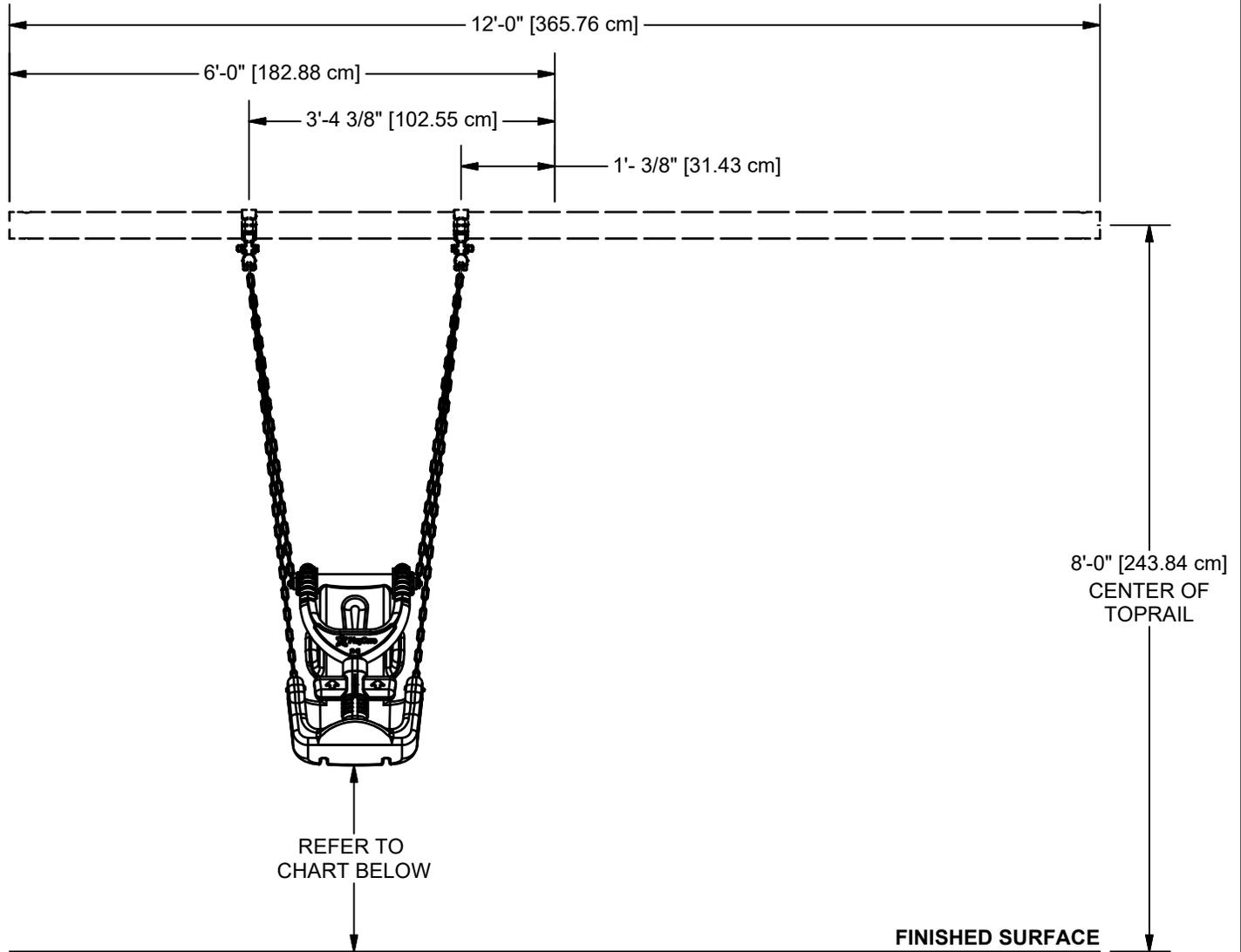


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	600mm [23.62"]	N/A
ASTM	24" [610mm]	N/A
BS EN	700mm [27.56"]	N/A
CPSC	24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" PRIMETIME ADA TOPRAIL SHOWN

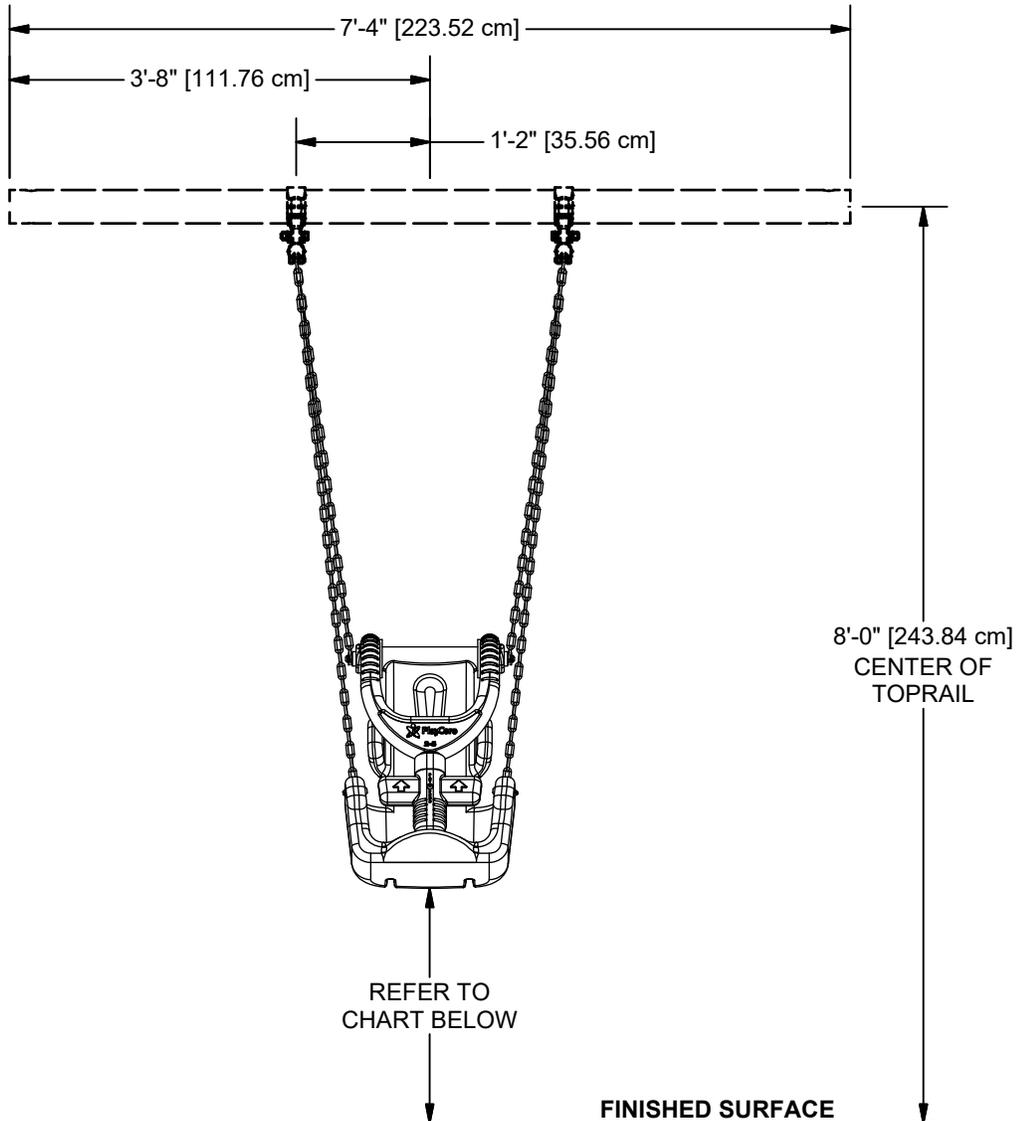


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	600mm [23.62"]	N/A
ASTM	24" [610mm]	N/A
BS EN	700mm [27.56"]	N/A
CPSC	24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" PRIMETIME SOLO TOPRAIL SHOWN

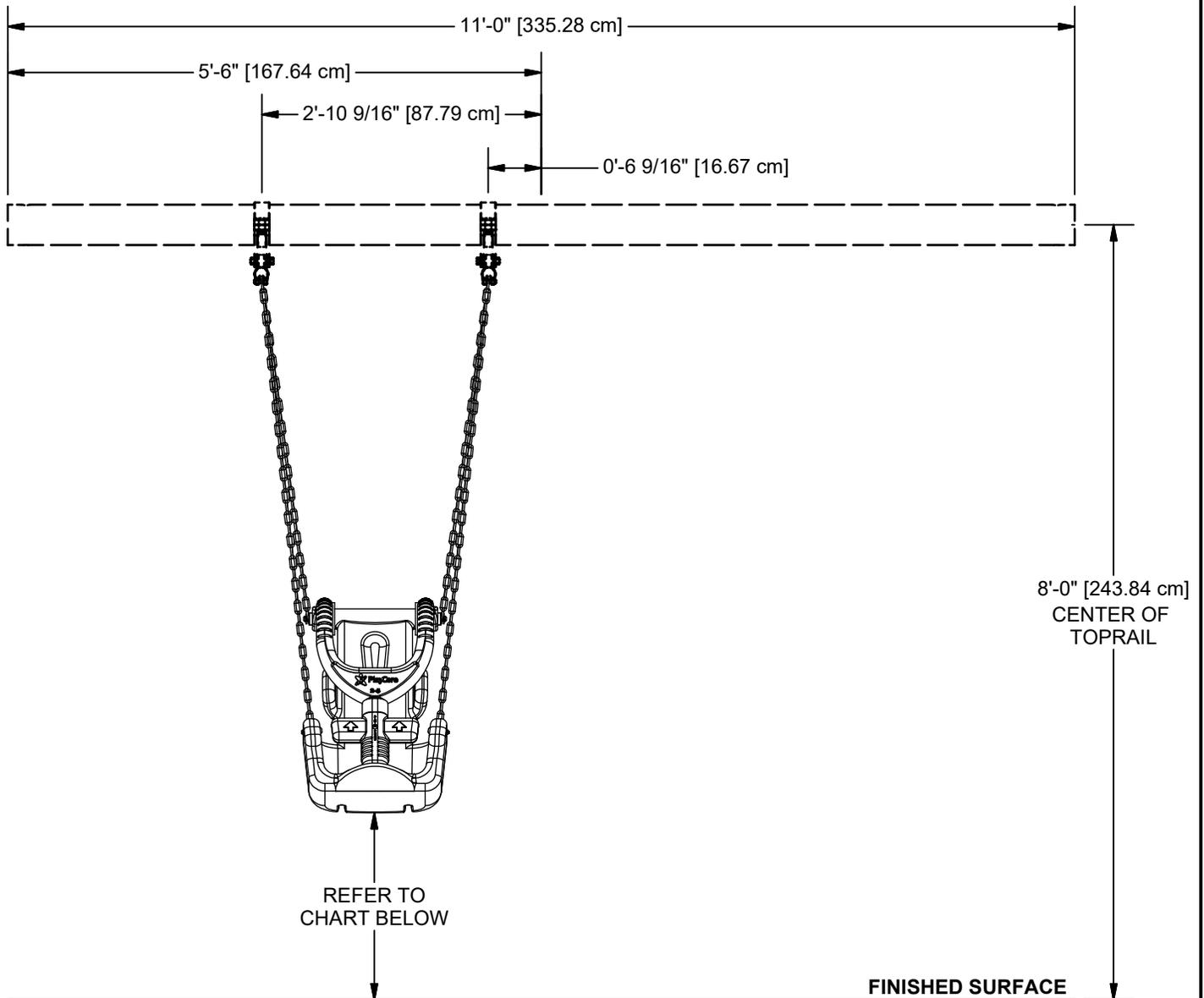


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	600mm [23.62"]	N/A
ASTM	24" [610mm]	N/A
BS EN	700mm [27.56"]	N/A
CPSC	24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" POWERSCAPE STANDARD TOPRAIL SHOWN

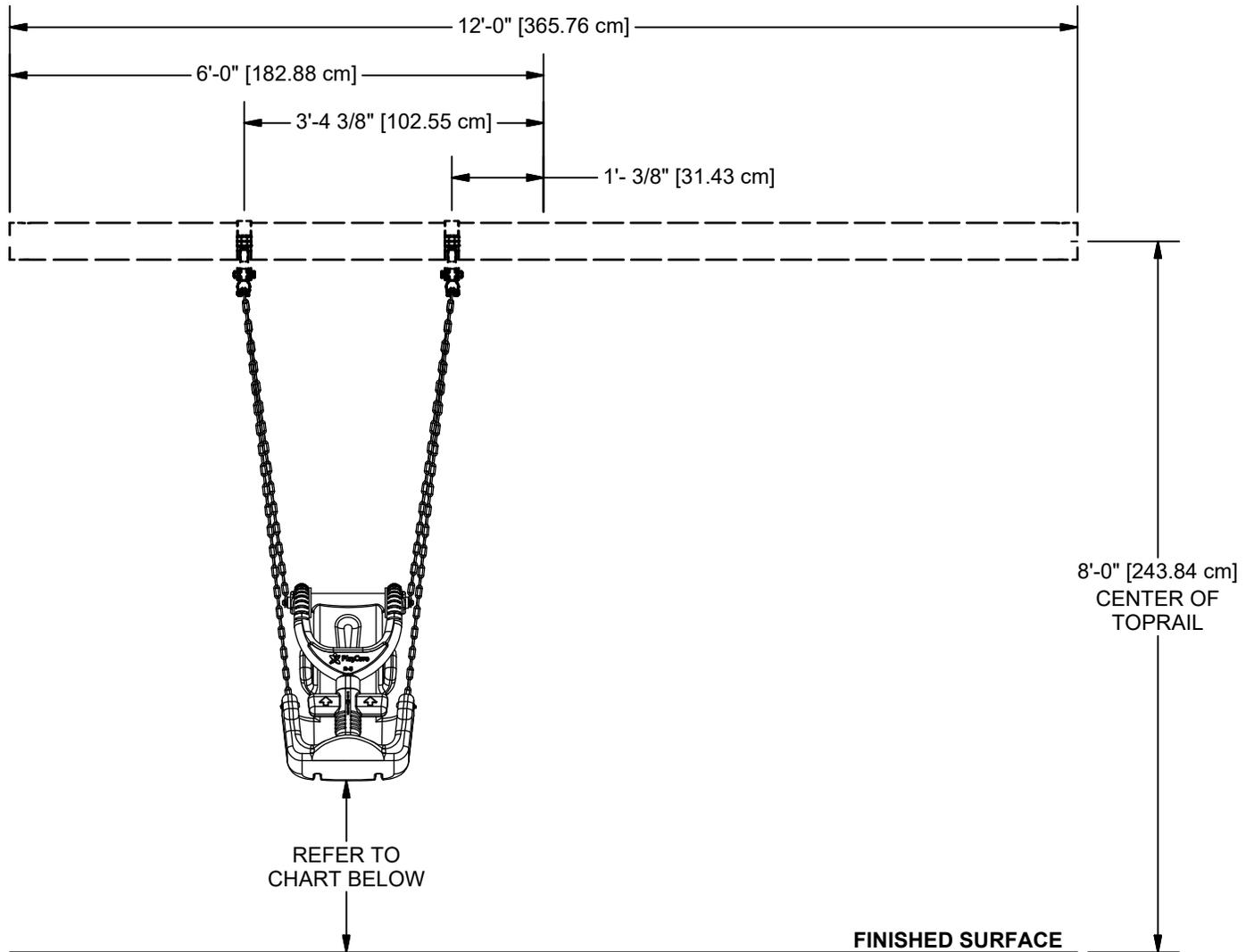


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	600mm [23.62"]	N/A
ASTM	24" [610mm]	N/A
BS EN	700mm [27.56"]	N/A
CPSC	24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" POWERSCAPE ADA TOPRAIL SHOWN

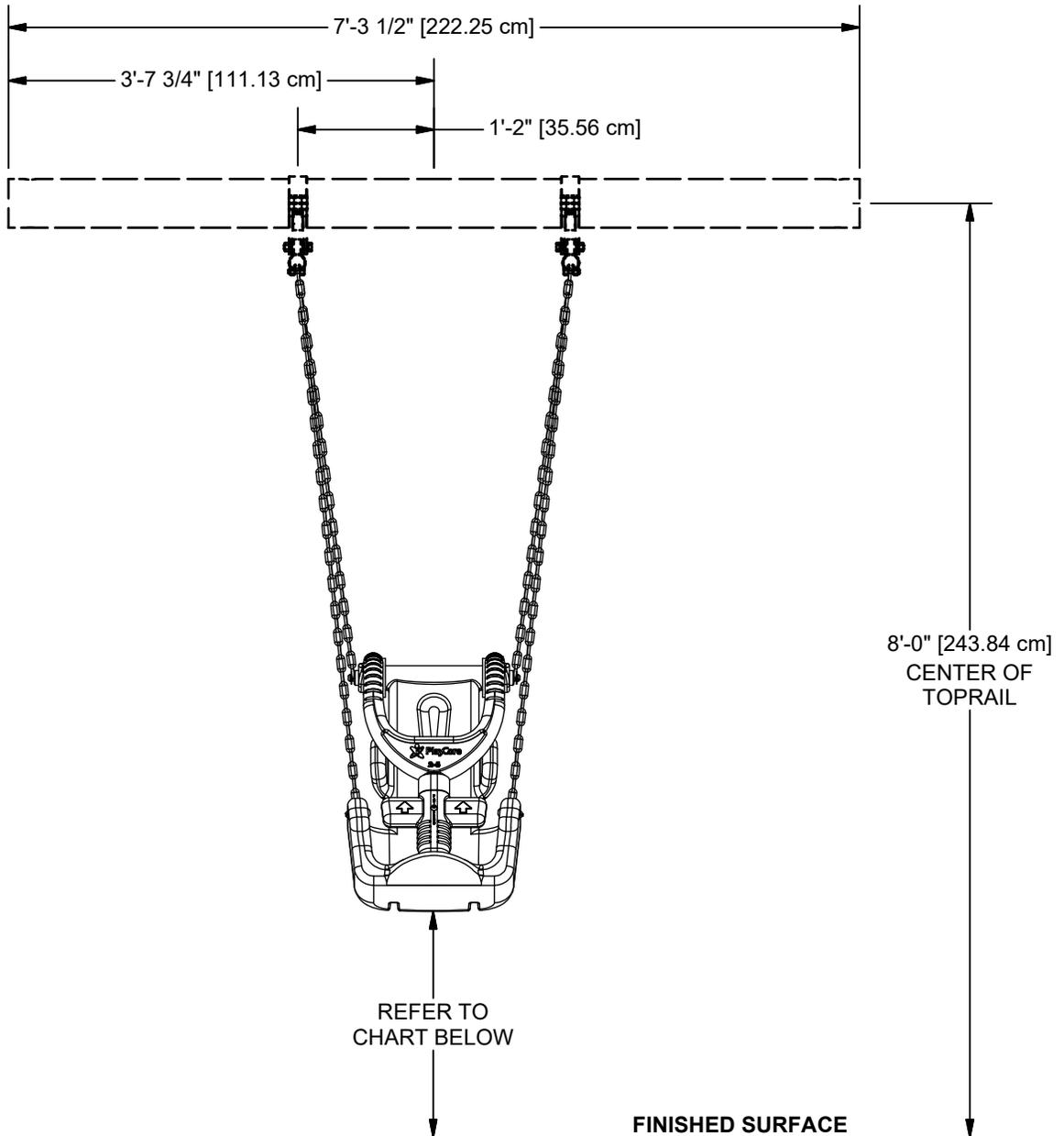


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	600mm [23.62"]	N/A
ASTM	24" [610mm]	N/A
BS EN	700mm [27.56"]	N/A
CPSC	24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" POWERSCAPE SOLO TOPRAIL SHOWN

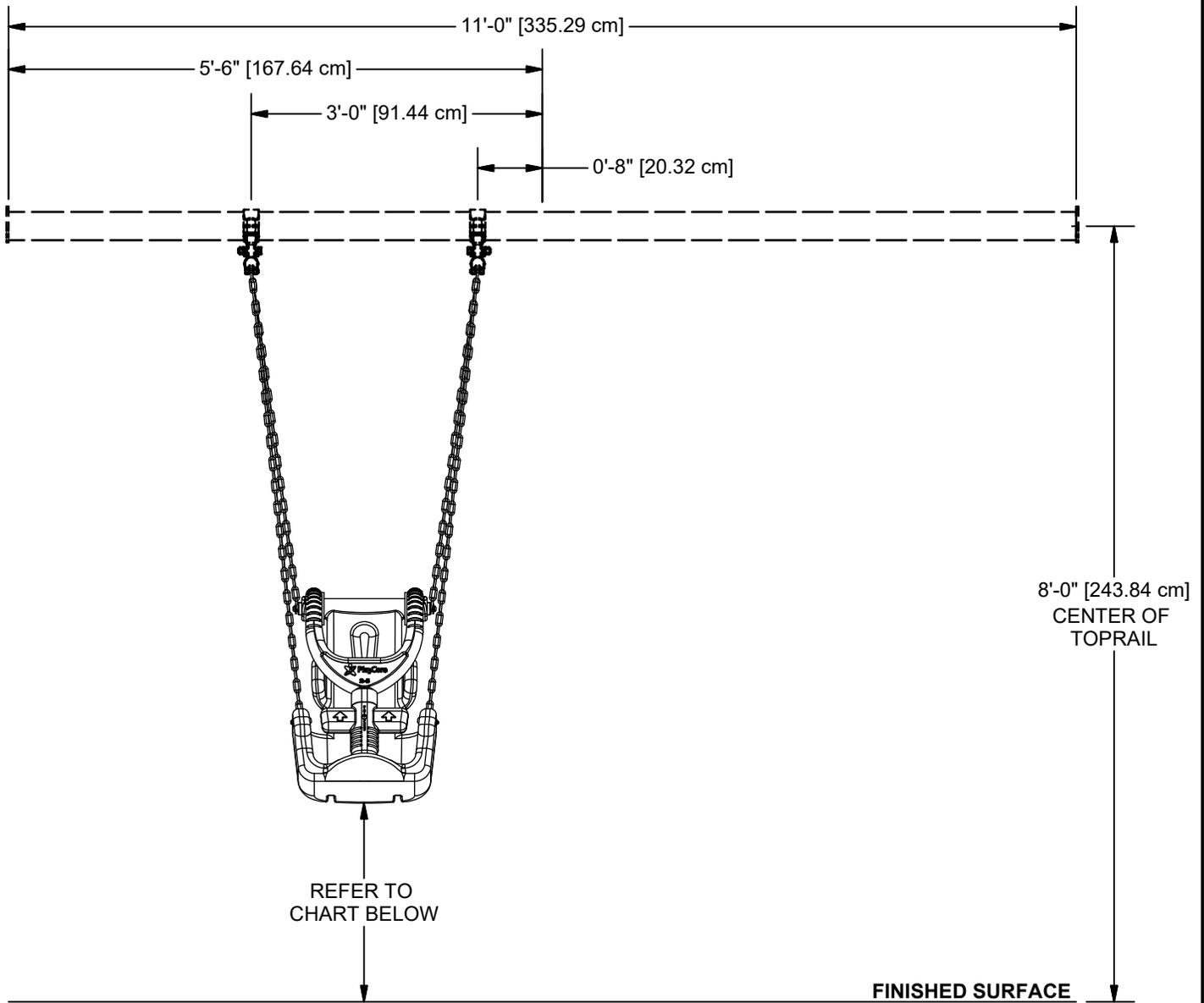


ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	600mm [23.62"]	N/A
ASTM	24" [610mm]	N/A
BS EN	700mm [27.56"]	N/A
CPSC	24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" XSCAPE STANDARD TOPRAIL SHOWN

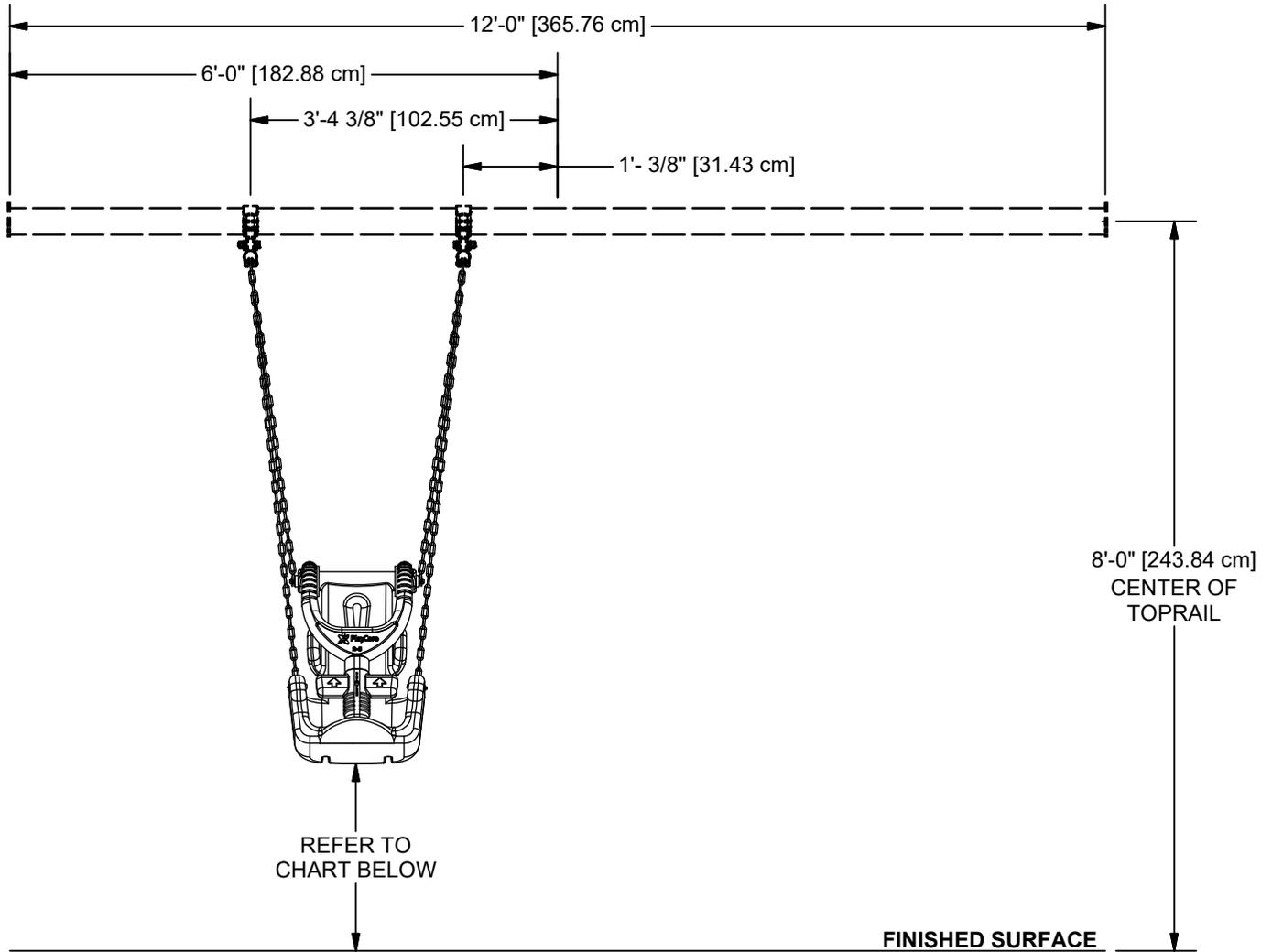


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	600mm [23.62"]	N/A
ASTM	24" [610mm]	N/A
BS EN	700mm [27.56"]	N/A
CPSC	24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" XSCAPE ADA TOPRAIL SHOWN

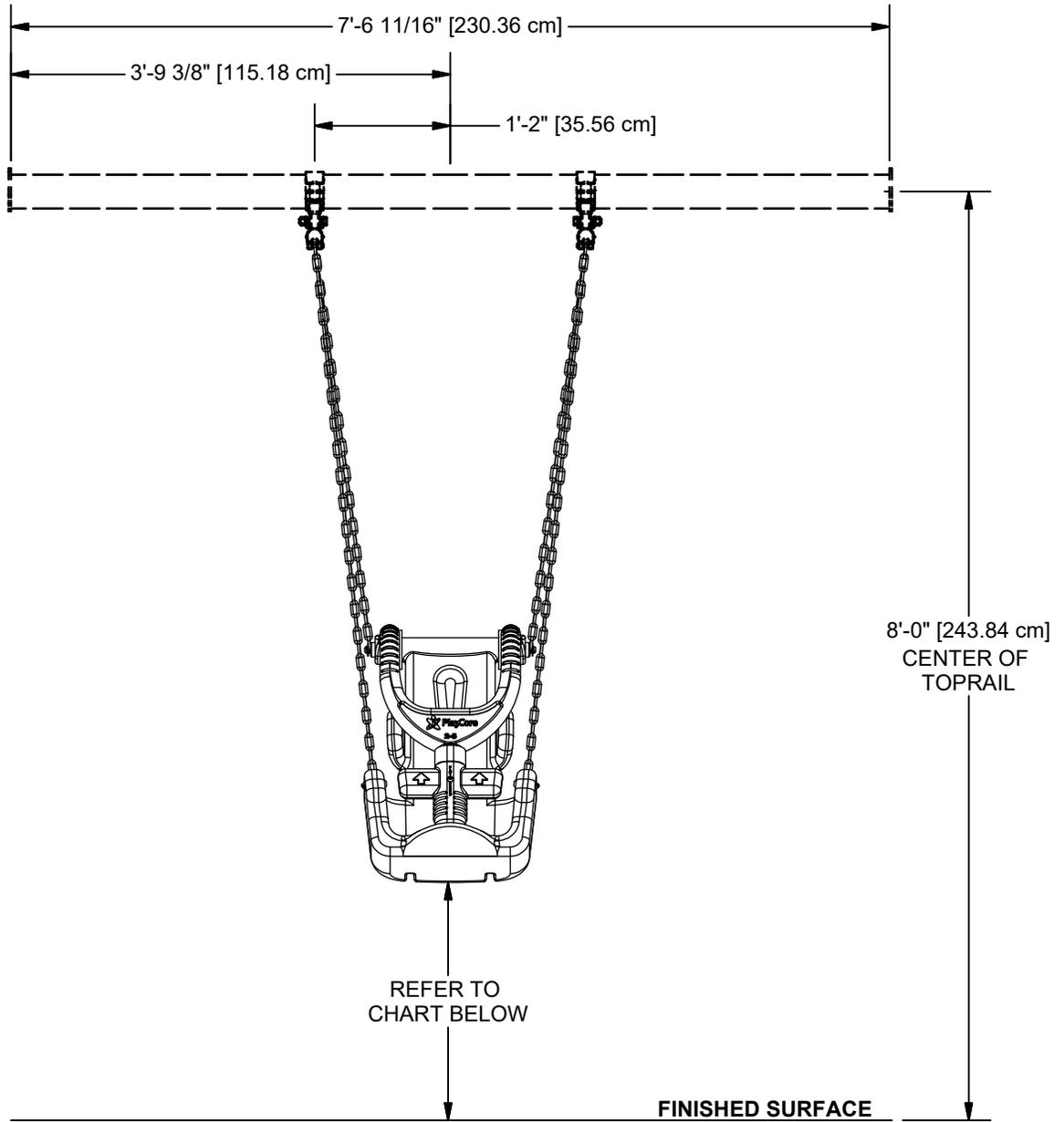


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	600mm [23.62"]	N/A
ASTM	24" [610mm]	N/A
BS EN	700mm [27.56"]	N/A
CPSC	24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" XSCAPE SOLO TOPRAIL SHOWN

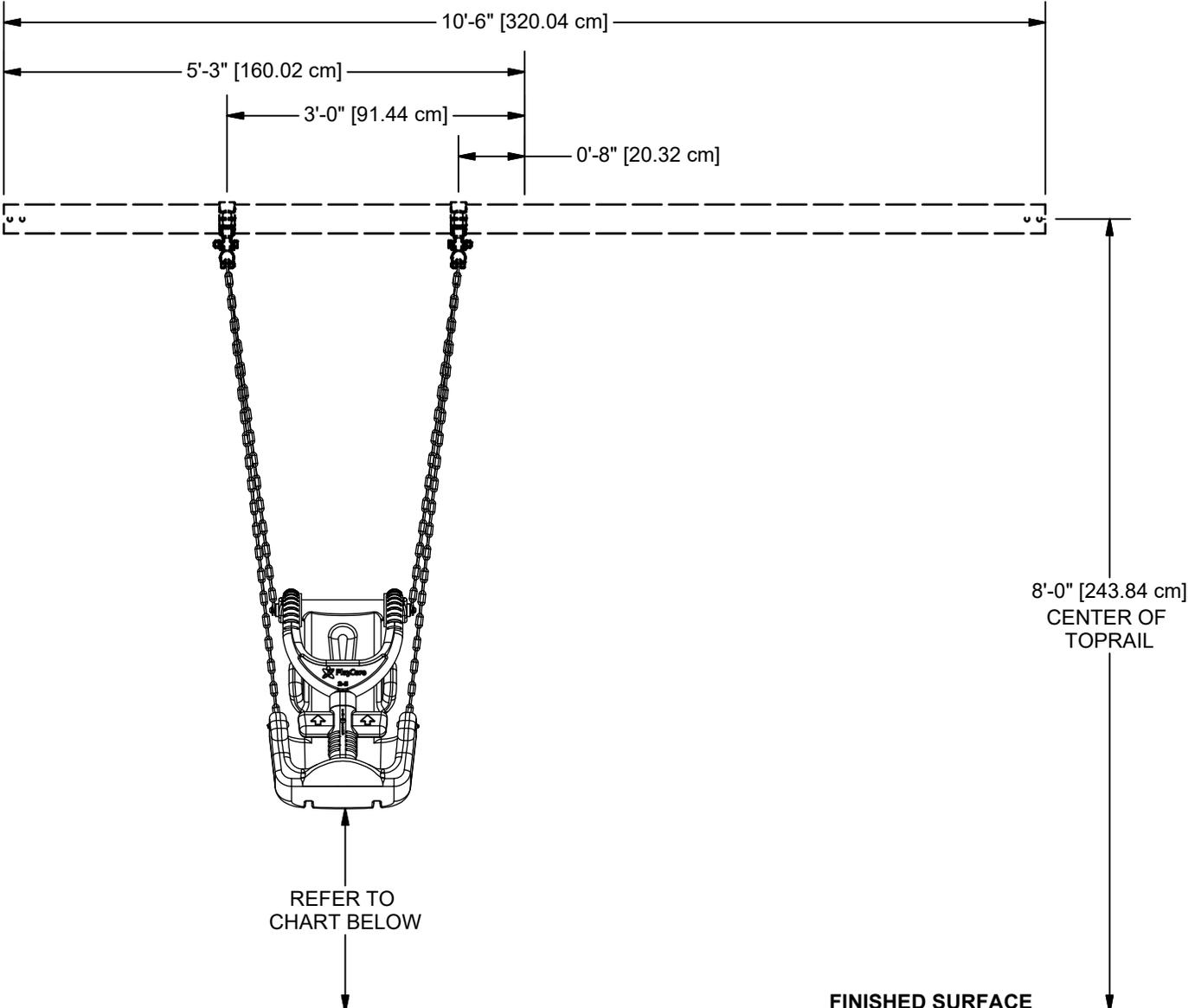


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	600mm [23.62"]	N/A
ASTM	24" [610mm]	N/A
BS EN	700mm [27.56"]	N/A
CPSC	24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" CLASSIC STANDARD TOPRAIL SHOWN

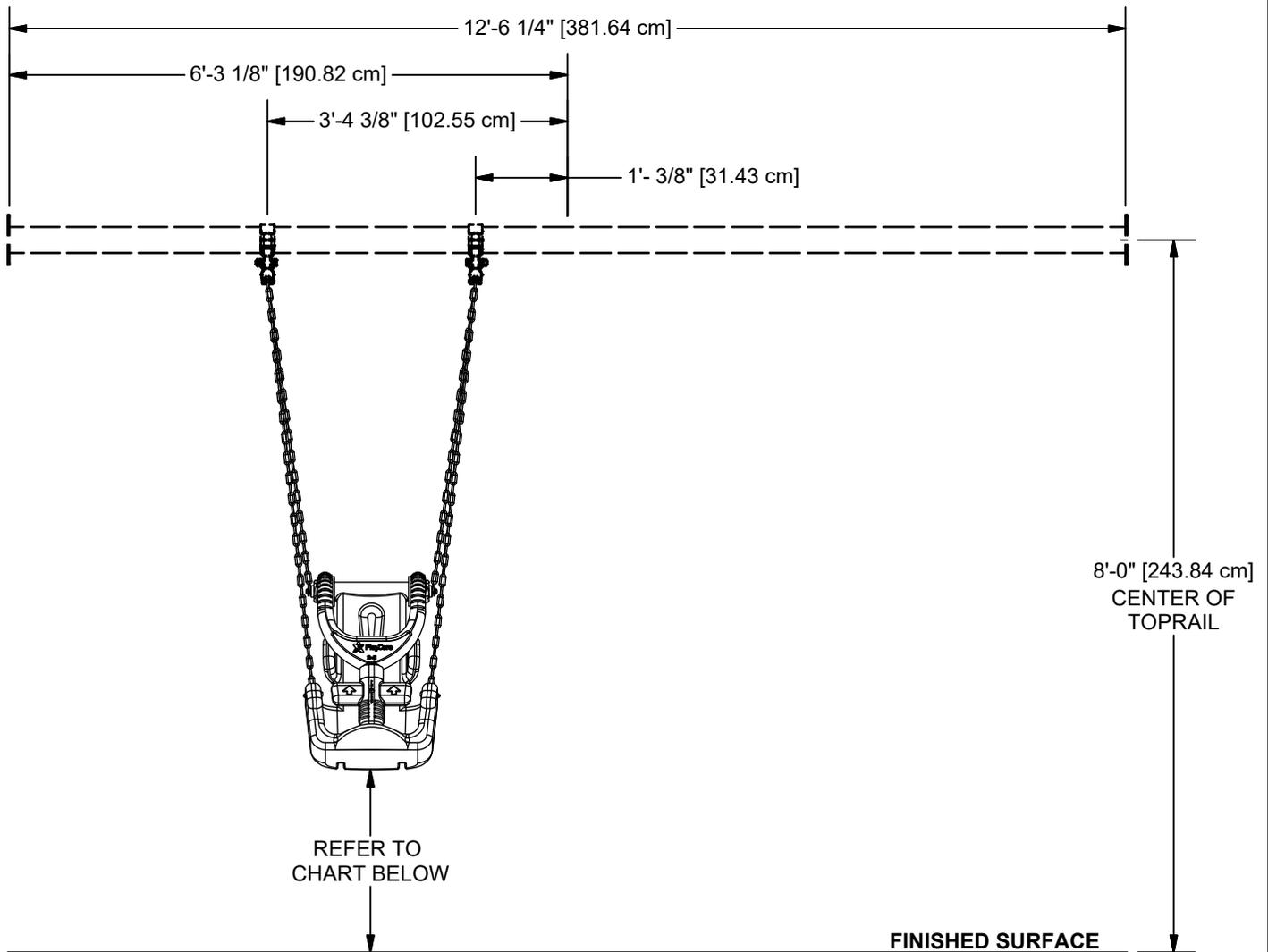


**ELEVATION VIEW
 SWING HANGER LOCATION DIMS
 ARE PULLED FROM
 CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	600mm [23.62"]	N/A
ASTM	24" [610mm]	N/A
BS EN	700mm [27.56"]	N/A
CPSC	24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" MODERN CITY STANDARD TOPRAIL SHOWN

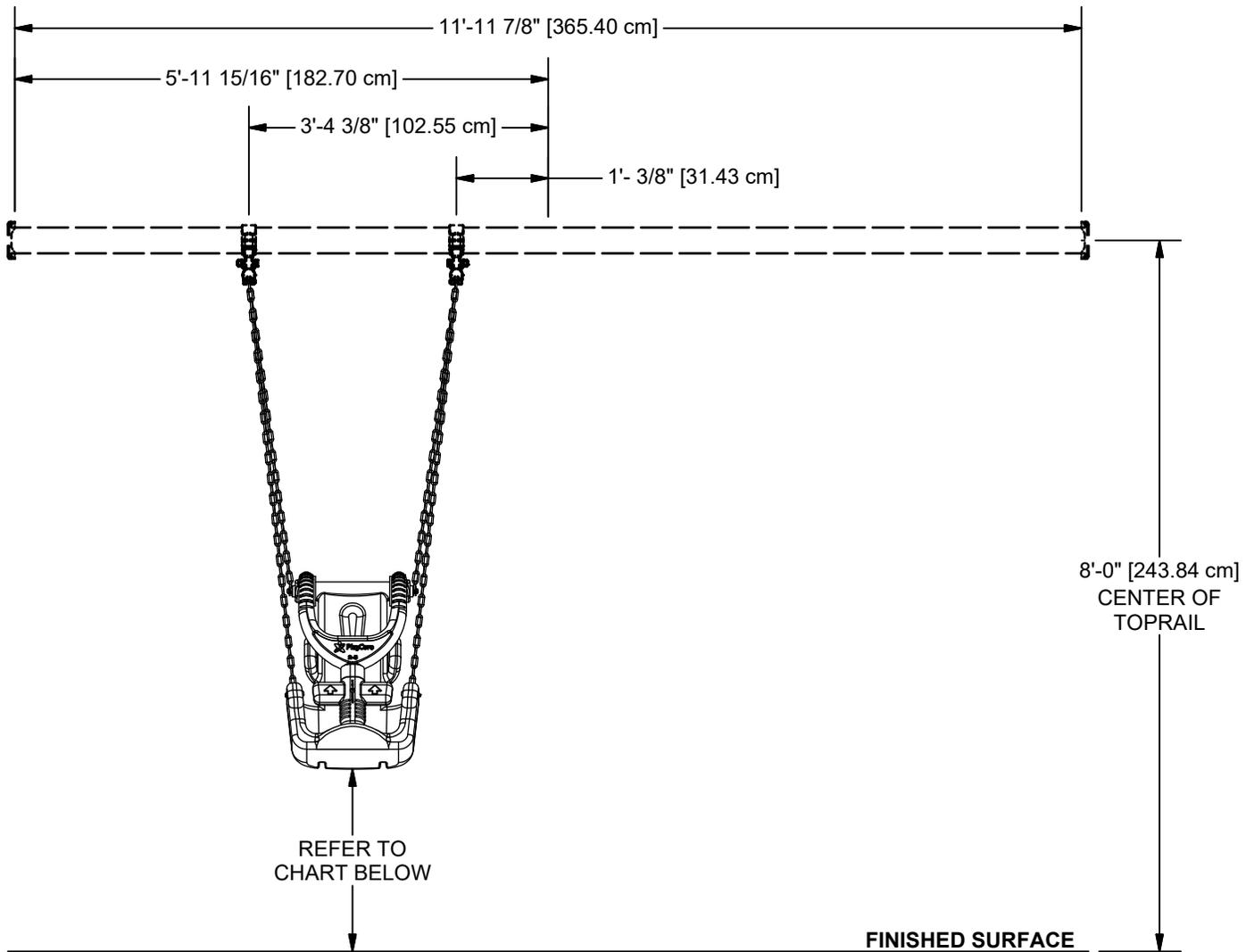


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	600mm [23.62"]	N/A
ASTM	24" [610mm]	N/A
BS EN	700mm [27.56"]	N/A
CPSC	24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

8'-0" SINGLE POST STANDARD TOPRAIL SHOWN

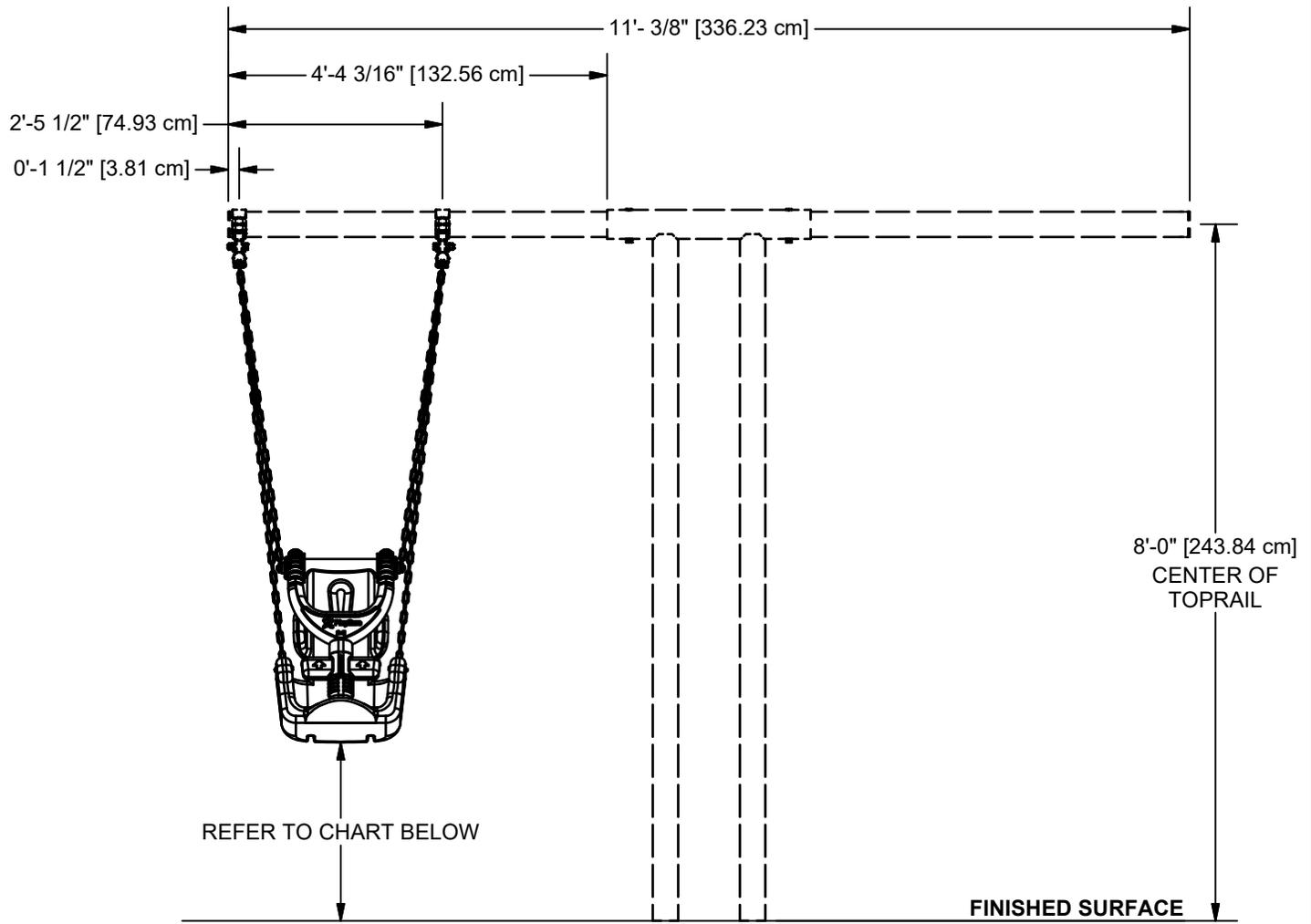


**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
CENTER POINT OF TOPRAIL**

DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	600mm [23.62"]	N/A
ASTM	24" [610mm]	N/A
BS EN	700mm [27.56"]	N/A
CPSC	24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

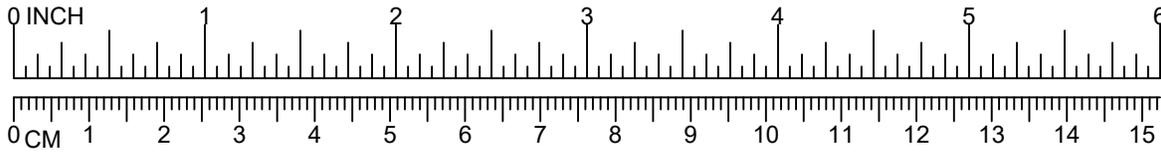
8'-0" T-POST STANDARD TOPRAIL SHOWN



**ELEVATION VIEW
SWING HANGER LOCATION DIMS
ARE PULLED FROM
END OF TOPRAIL**

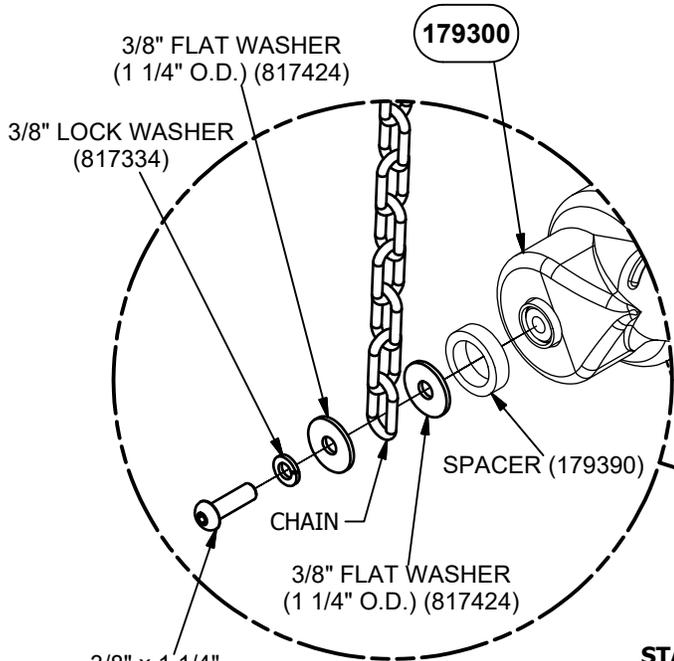
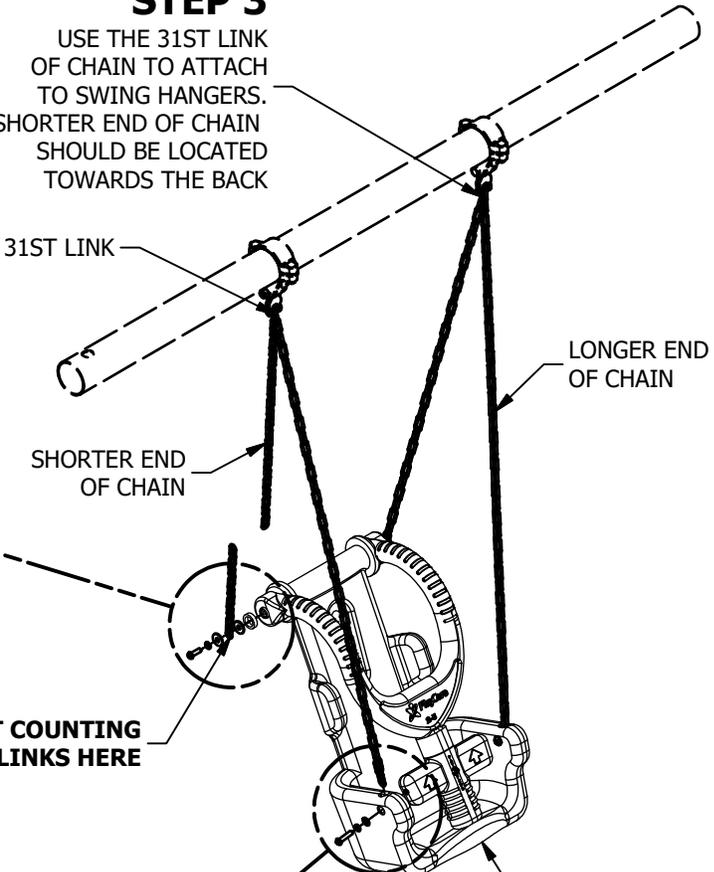
DIMENSION FROM UNDERSIDE OF SEAT TO FINISHED SURFACE		
STANDARD	MINIMUM	MAXIMUM
CANADIAN	600mm [23.62"]	N/A
ASTM	24" [610mm]	N/A
BS EN	700mm [27.56"]	N/A
CPSC	24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS



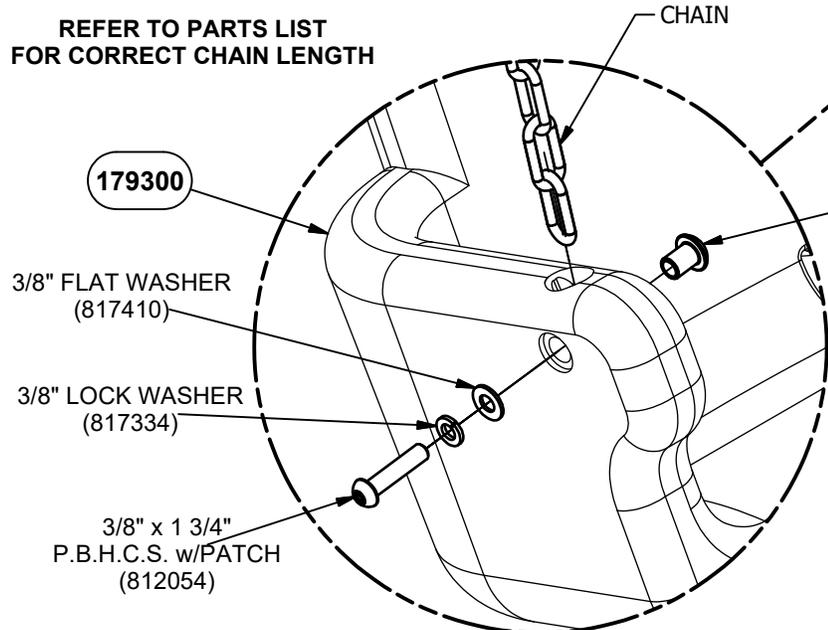
STEP 3

USE THE 31ST LINK OF CHAIN TO ATTACH TO SWING HANGERS. SHORTER END OF CHAIN SHOULD BE LOCATED TOWARDS THE BACK



STEP 1
2 PLACES

REFER TO PARTS LIST FOR CORRECT CHAIN LENGTH



STEP 2
2 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



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.

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.

NOTE: Refer to Detail Views for the specific hardware required in each connection.

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

STEP 1: Attach Seat Assembly to back end of chains. **REFER TO PAGE 15.**

STEP 2: Attach Seat Assembly to front end of chains. **REFER TO PAGE 15.**

STEP 3: Use the 31st link of your chain to attach to swing hangers. Shorter end of chain should be located towards the back. **REFER TO PAGE 15.**

Parts List		
DESCRIPTION	QTY	PART NUMBER
2-5 ZERO-G CHAIR ASSEMBLY	1	179300
HARDWARE COMPLETE	1	225554
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	2	812051*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	812054*
3/8" LOCK WASHER	4	817334*
3/8" FLAT WASHER	2	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	4	817424*
3/8" BARREL NUT	2	804804*
CHAIN 99 1/8" LG	2	200705*
SPACER	2	179390*

*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: Red thread locker (supplied by others) must be applied to all non-patch threaded 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.



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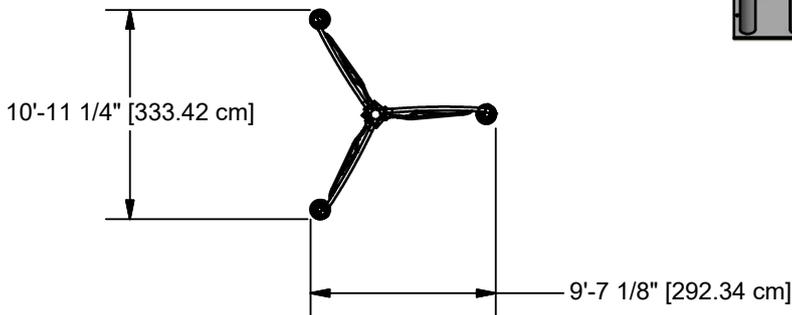
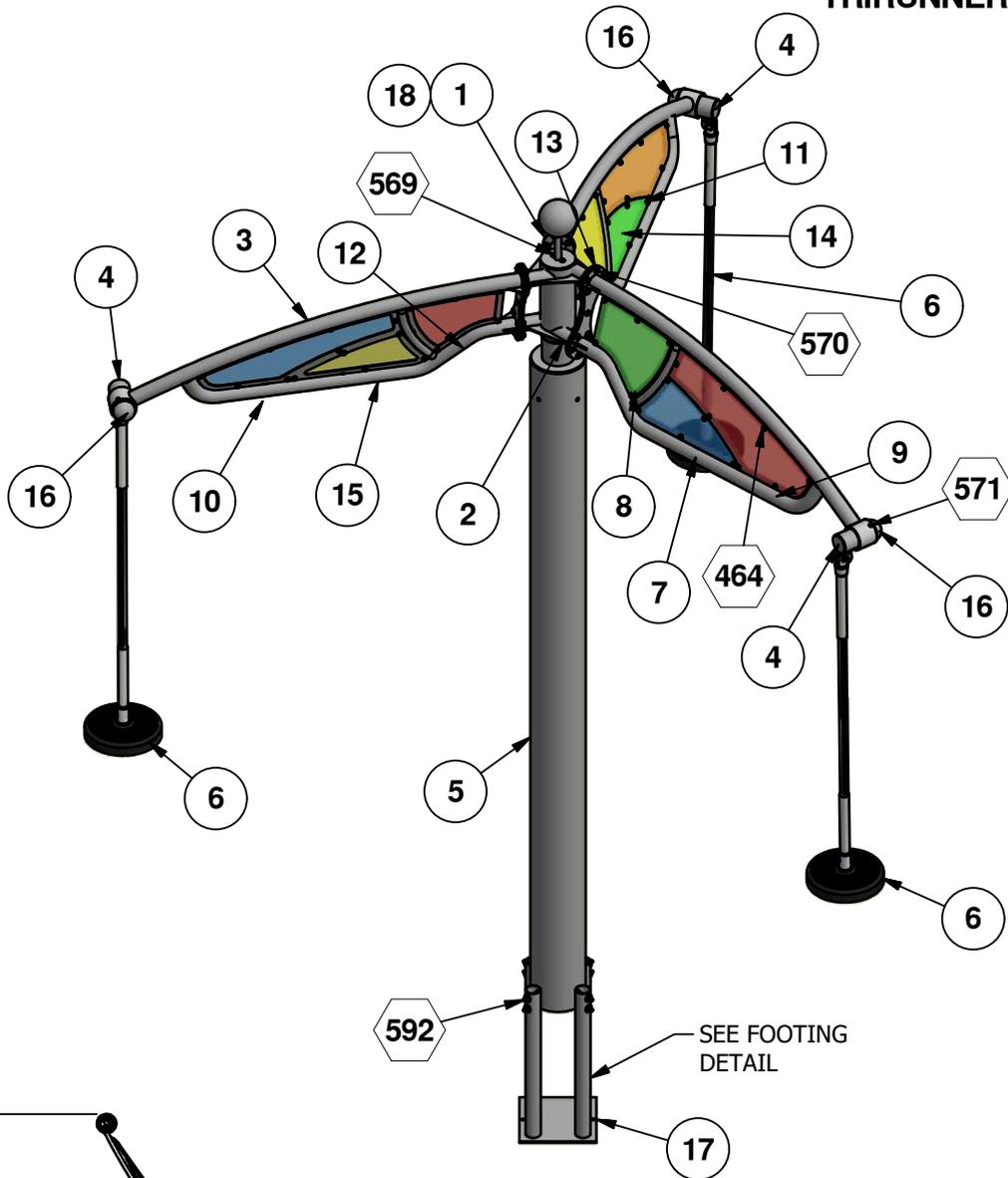
6242

SHADOWPLAY® TRIRUNNER™

ISSUED/REVISED: 11/4/2019

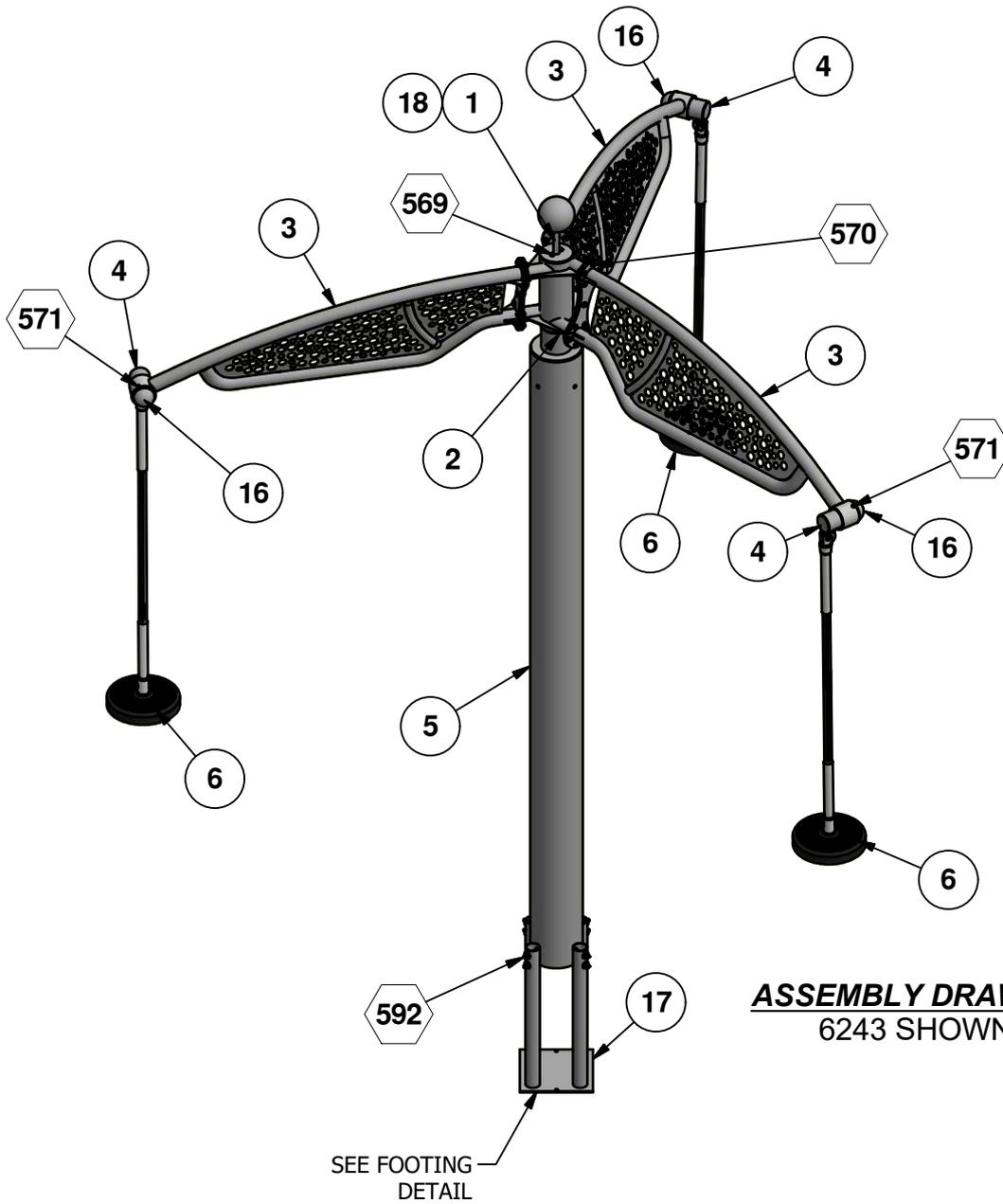
-  = INSTALLATION DETAIL
-  = PARTS LIST REFERENCE

SHADOWPLAY® TRIRUNNER™ 6242
TRIRUNNER™ 6243

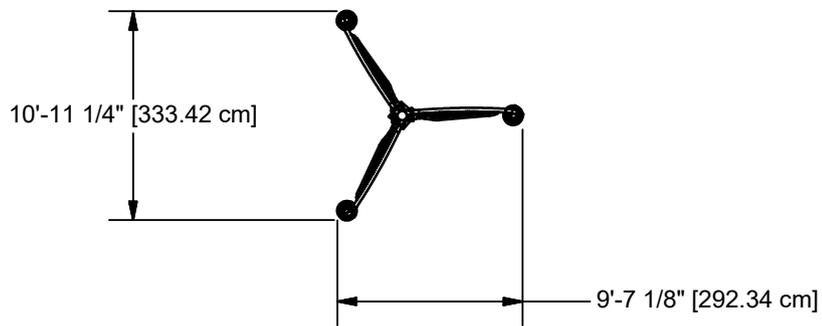


TOP VIEW
6242 SHOWN

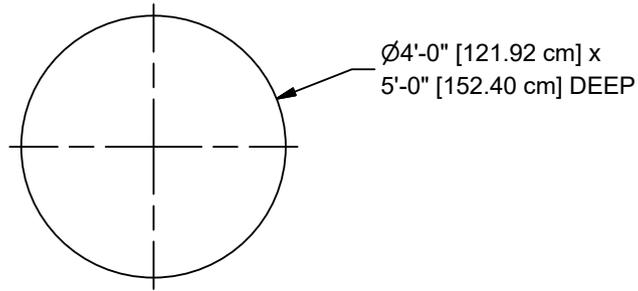
ASSEMBLY DRAWING
6242 SHOWN



ASSEMBLY DRAWING
6243 SHOWN



TOP VIEW
6243 SHOWN



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.

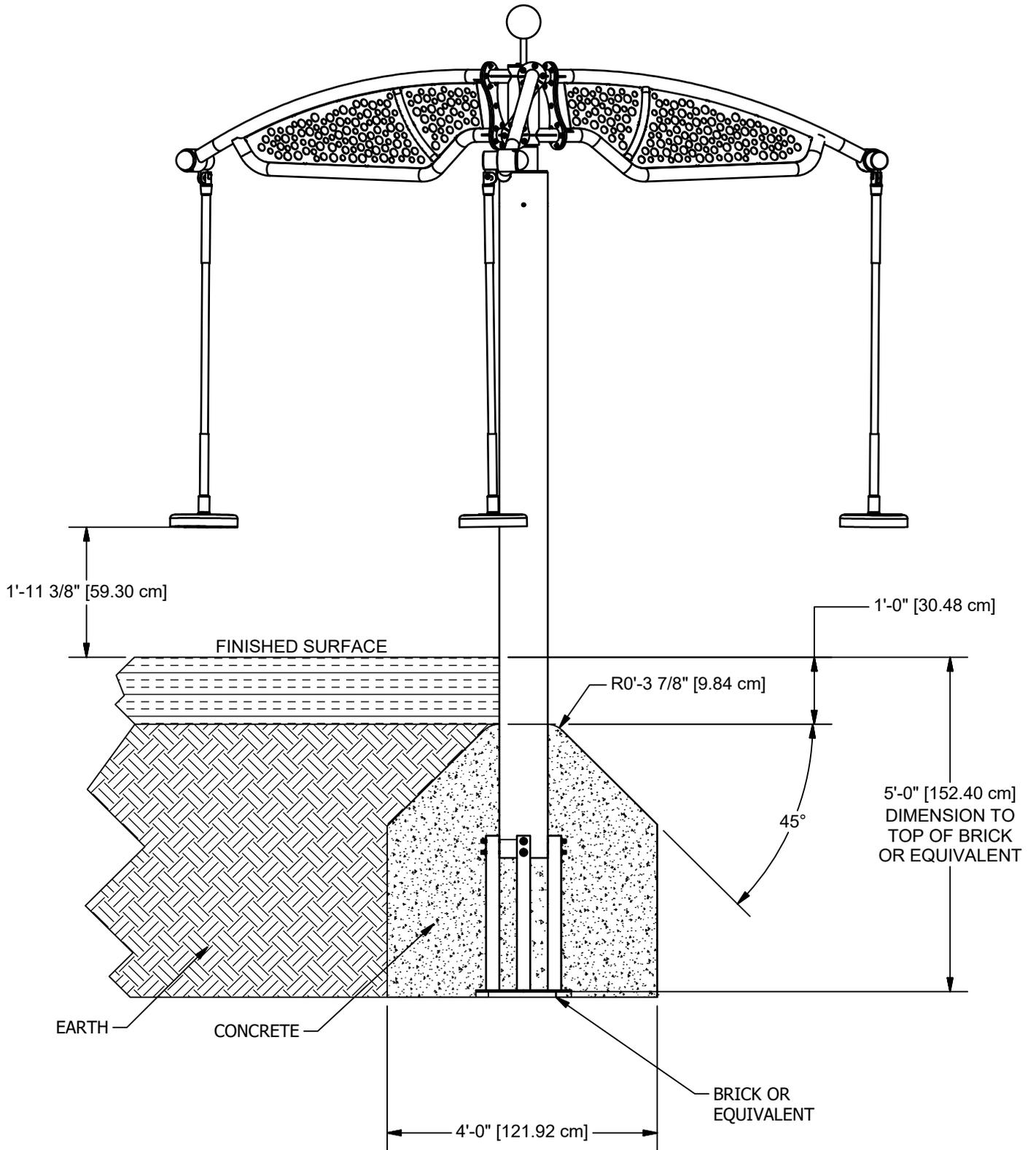
POWDER COAT FINISH: Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a four stage solvent / zirconium based bath system (free of iron phosphate), as a rust inhibitor, and a zirconium 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:
 APPROXIMATELY .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.



6243

FOOTING DETAIL

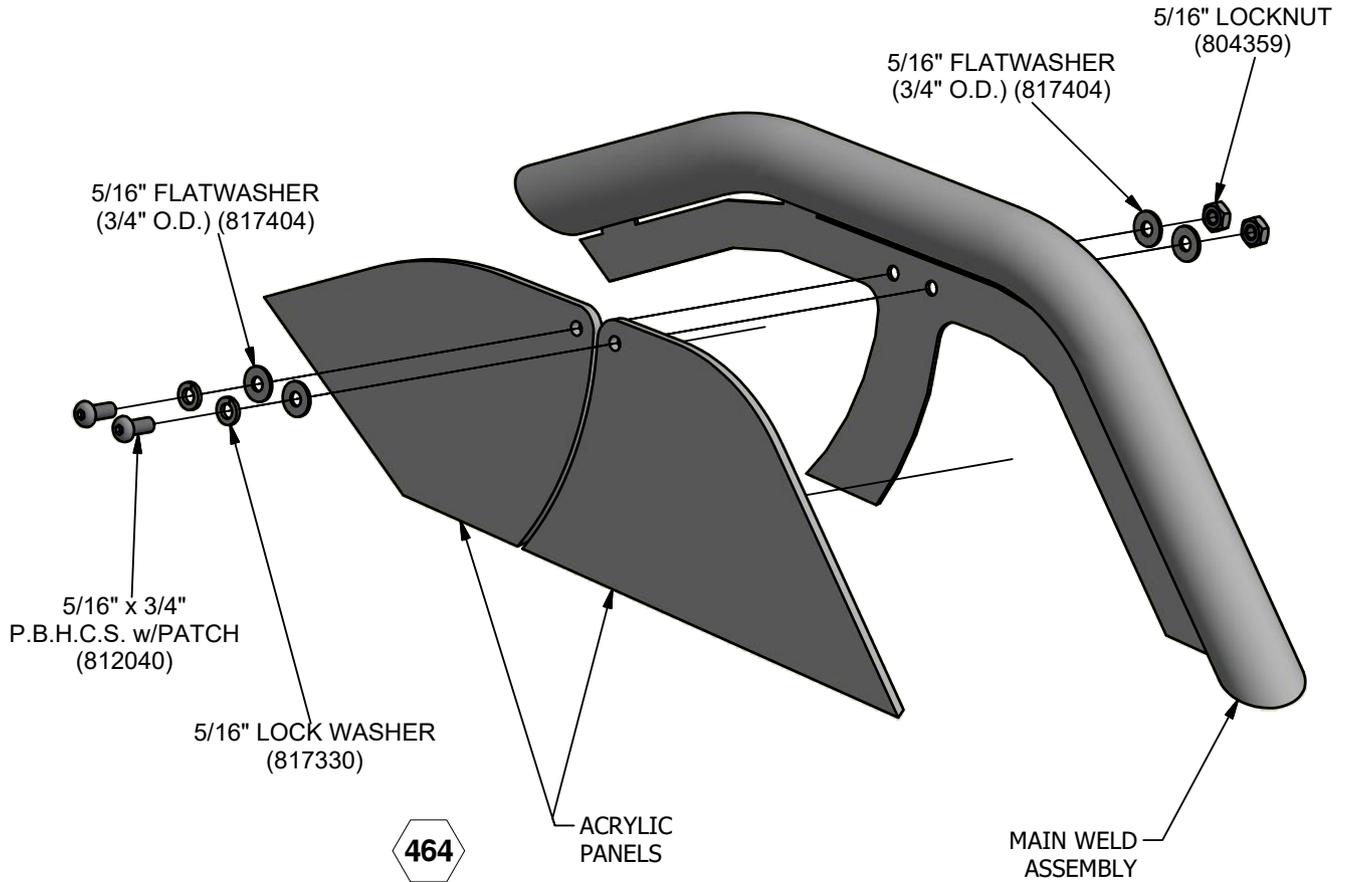
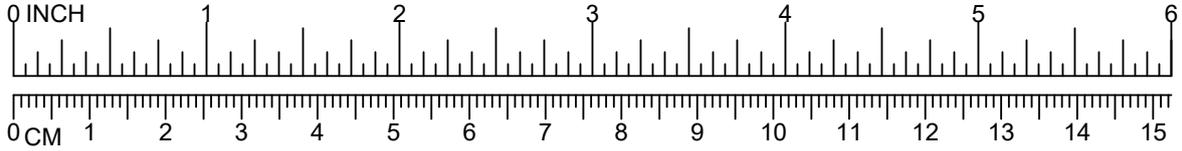
DETAILS -for- 6242 & 6243

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.



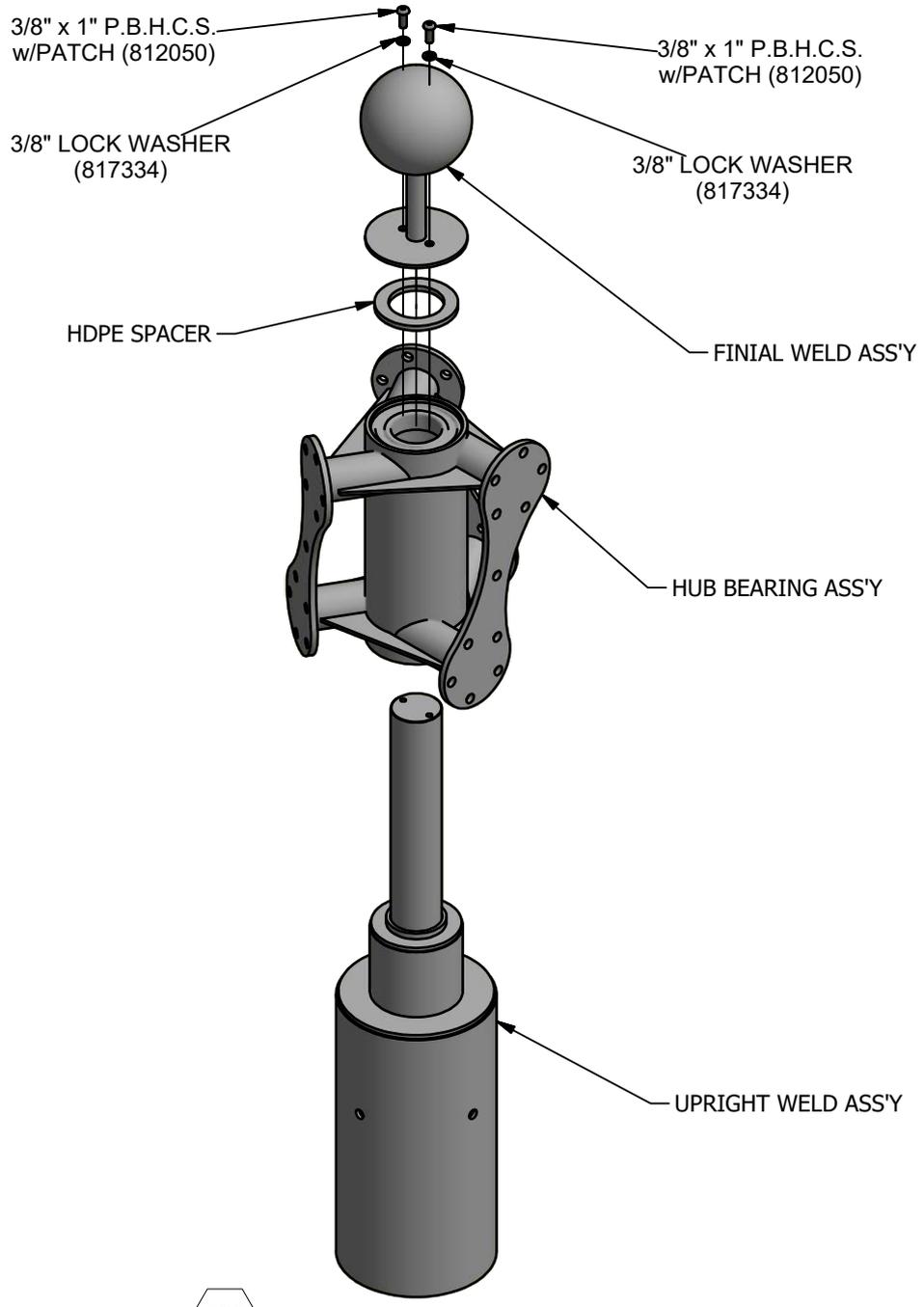
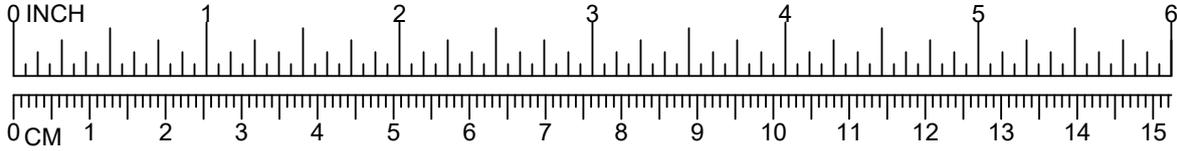
DETAILS -for- 6242 & 6243

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569

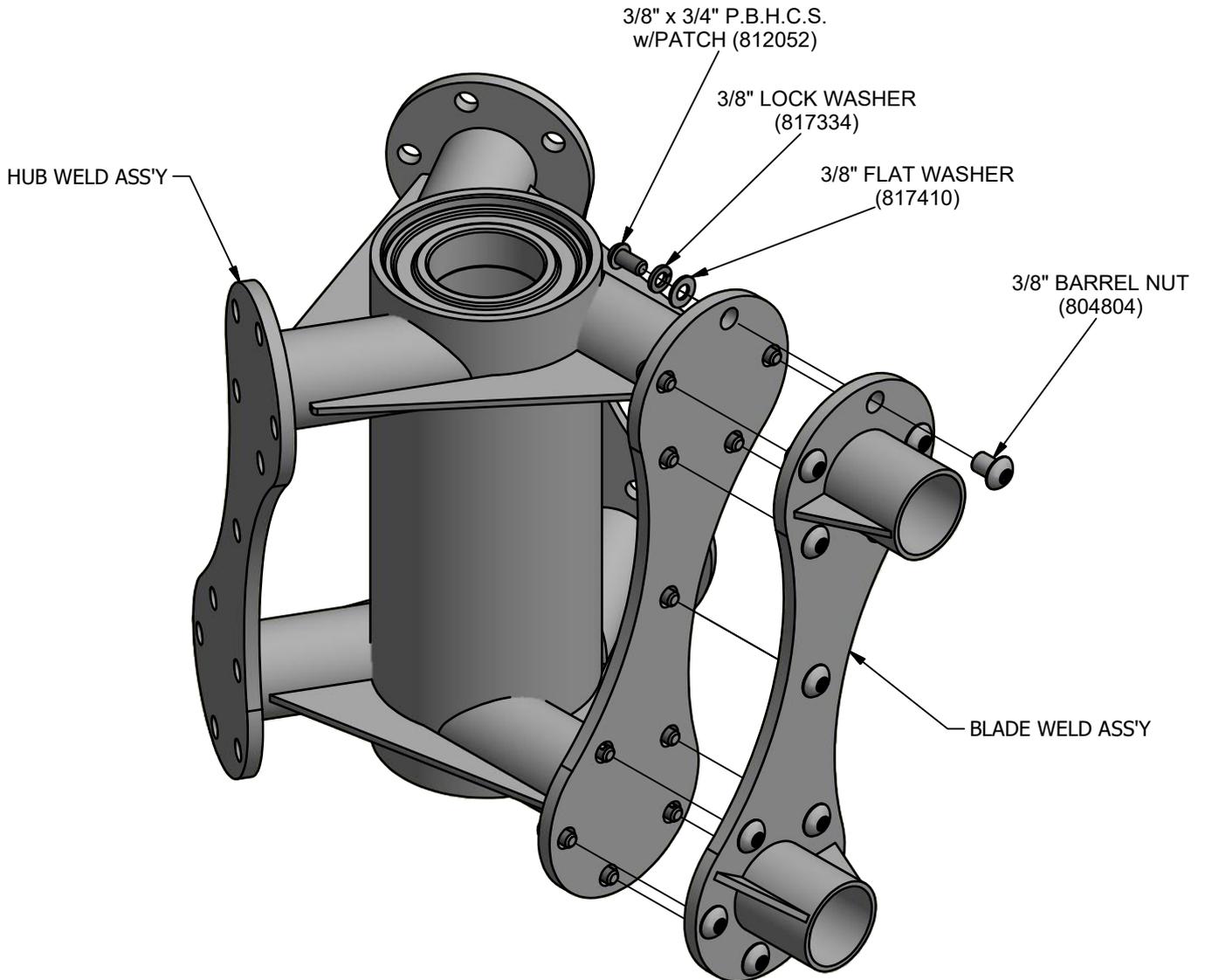
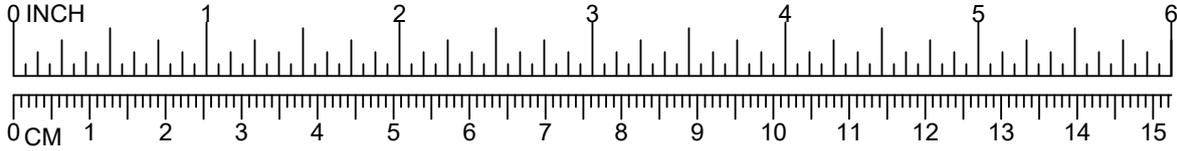
DETAILS -for- 6242 & 6243

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



570

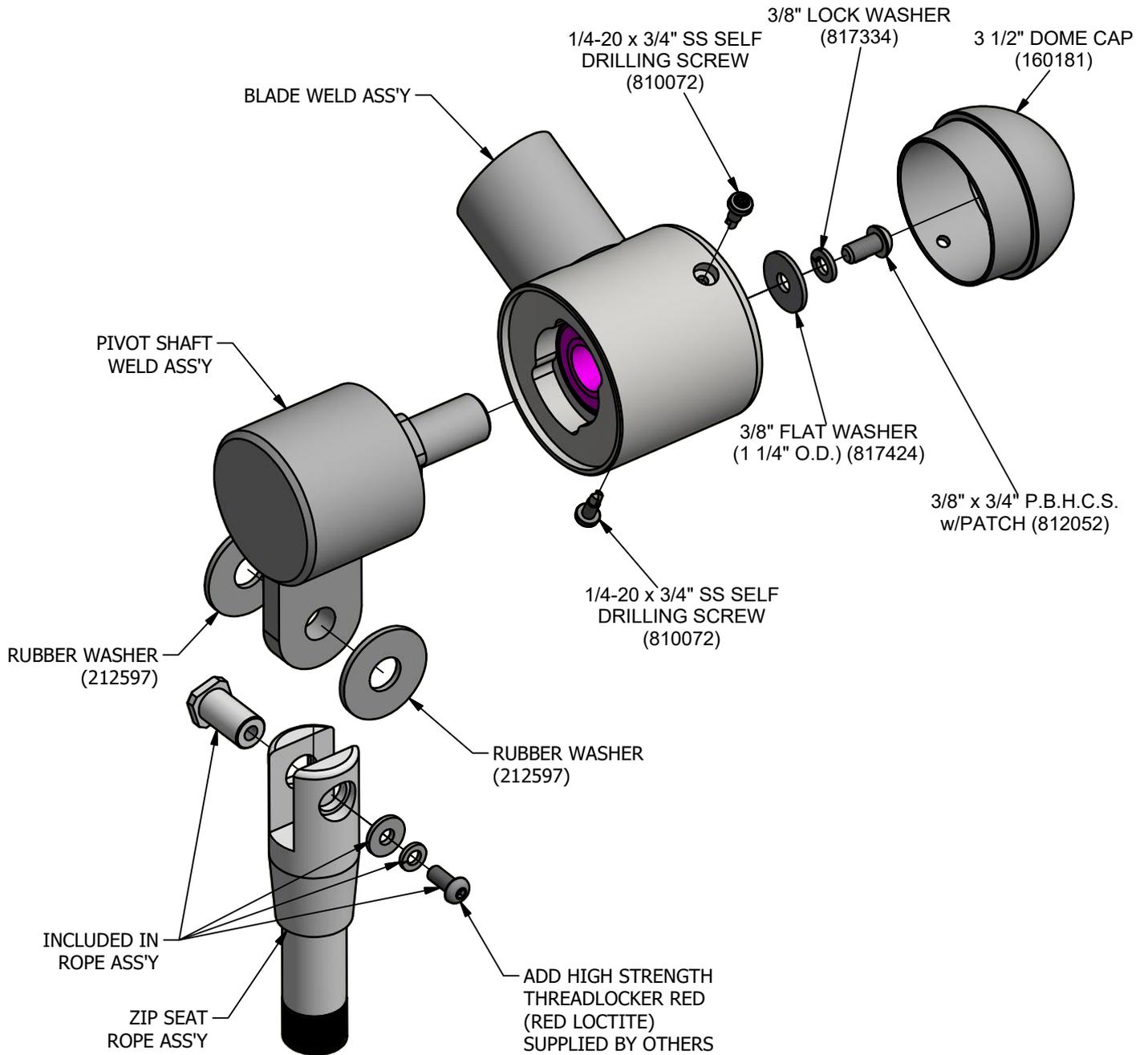
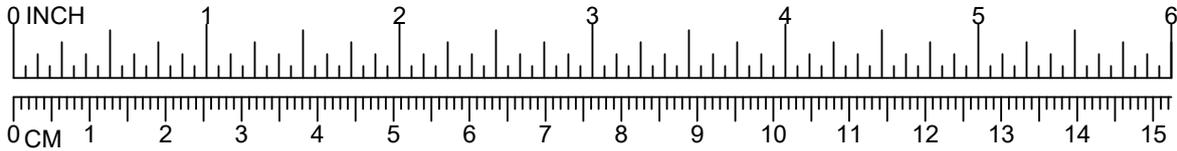
DETAILS -for- 6242 & 6243

IMPORTANT

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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.



571

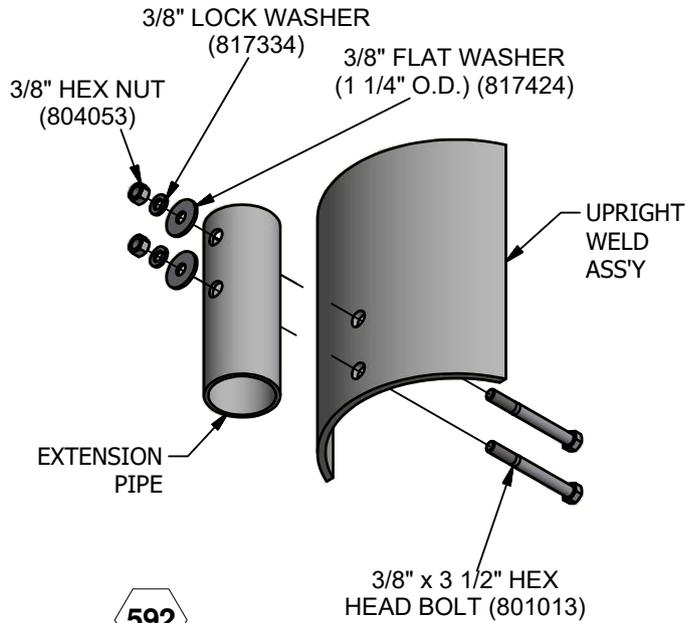
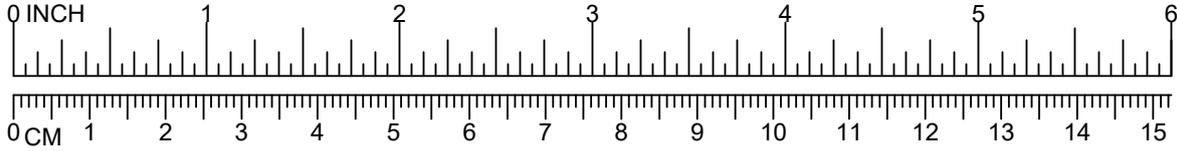
DETAILS -for- 6242 & 6243

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



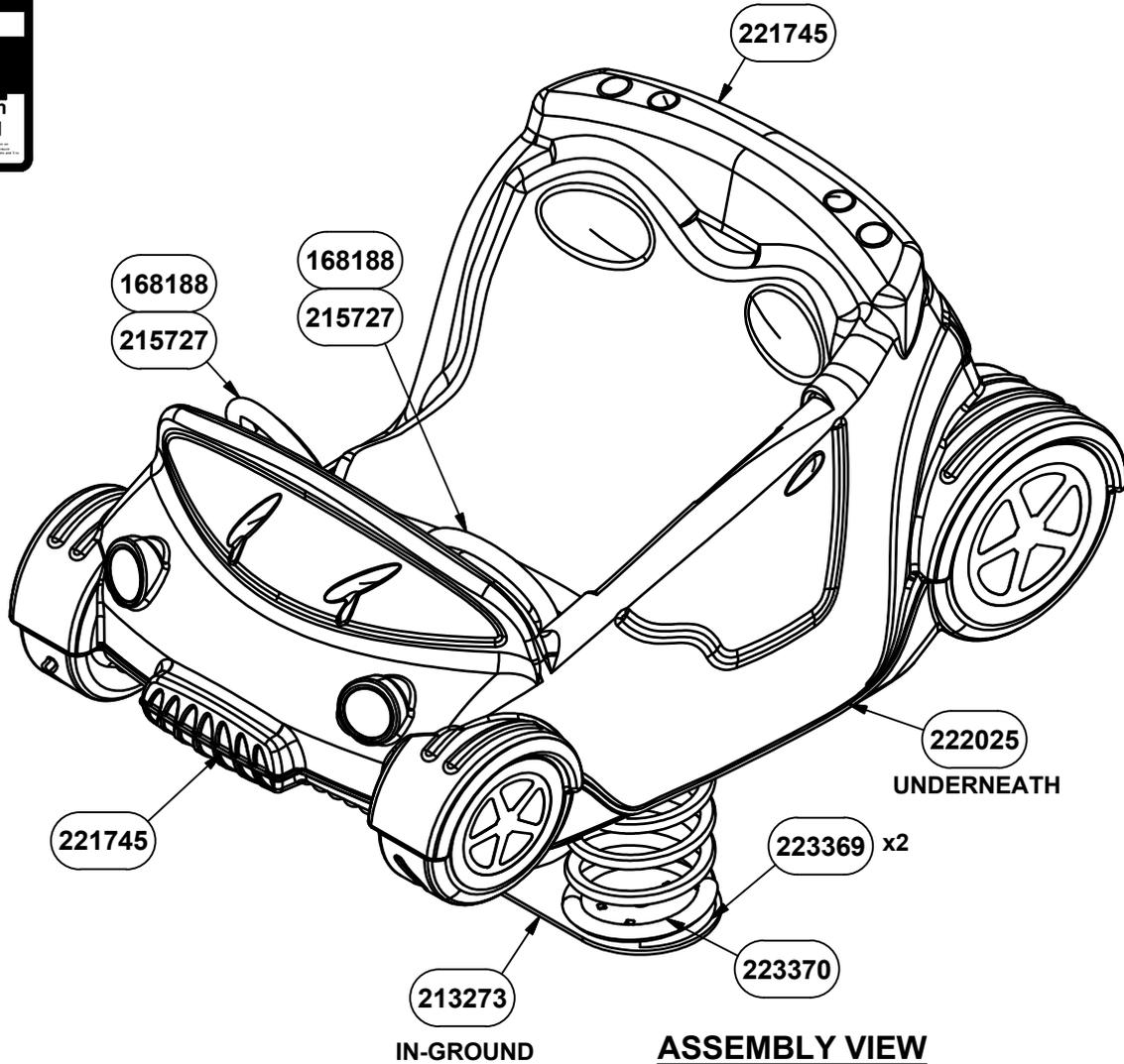
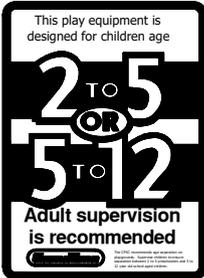


A PLAYCORE Company
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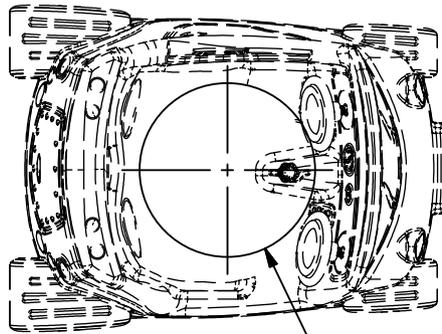
DUNE BUGGY SPRING RIDER

ISSUED/REVISED: 9/7/2023



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.**

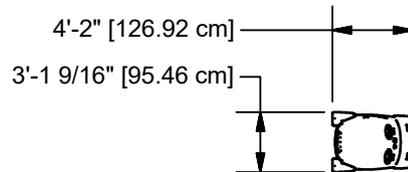


Ø1'-8" [Ø50.80 cm] DIAMETER x
2'-9" [83.82 cm] DEEP

PLAN VIEW

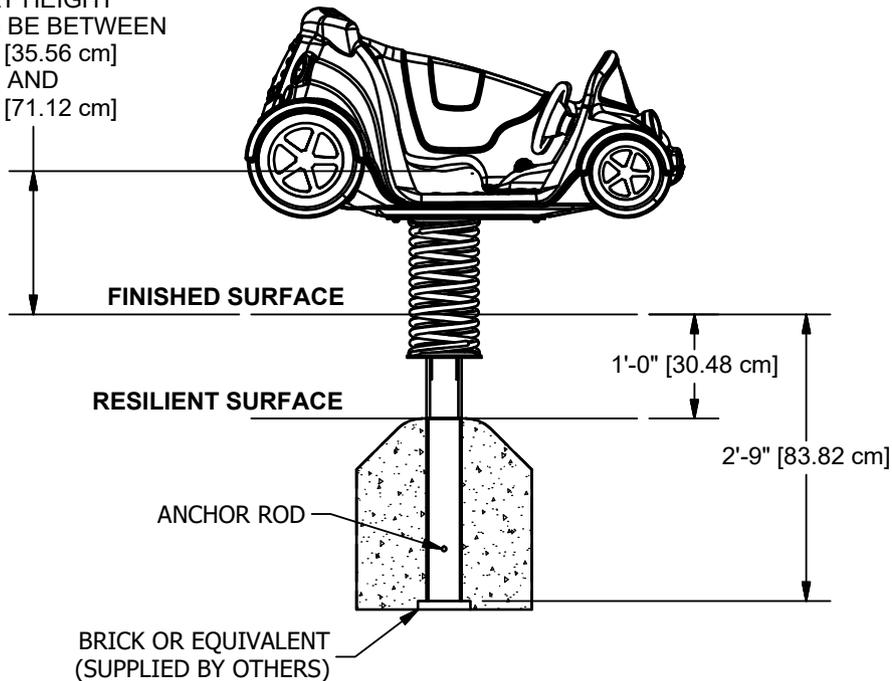
CONCRETE REQUIRED:
0.14 CUBIC YARDS
[0.11 CUBIC METERS]

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.

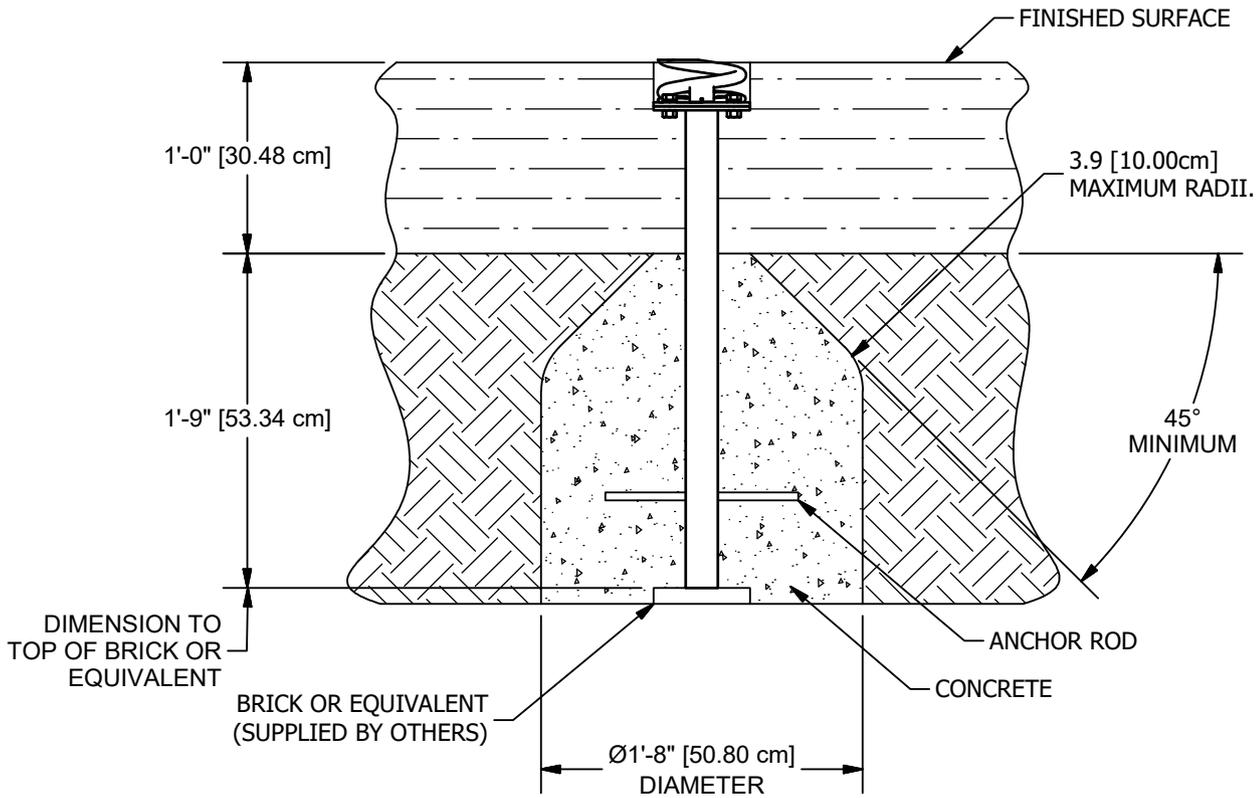


TOP VIEW

SEAT HEIGHT SHOULD BE BETWEEN
1'-2" [35.56 cm]
AND
2'-4" [71.12 cm]



ELEVATION VIEW



FOOTING DETAIL

NOTES:

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

SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN-1176-1.

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.



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.

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: Dig required hole and fill with concrete. See Plan View and Footing Detail for correct shape and size.

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

NOTE: Refer to Detail Views for the specific hardware required in each connection.

NOTE: After installation, the seat height should be between 1'-2" [35.56 cm] and 2'-4" [71.12 cm] above the finished surface. Refer to Page 2 Elevation View.

STEP 1: Attach Anchor Rod to Footbuck Weld Assembly. **REFER TO PAGE 6.**

STEP 2: Attach the bottom of the Coil Spring and Spring Housing to Footbuck Weld Assembly. **REFER TO PAGE 6.**

DO NOT MOUNT THE SPRING RIDER TO SPRING ASSEMBLY FOR AT LEAST 72 HOURS.

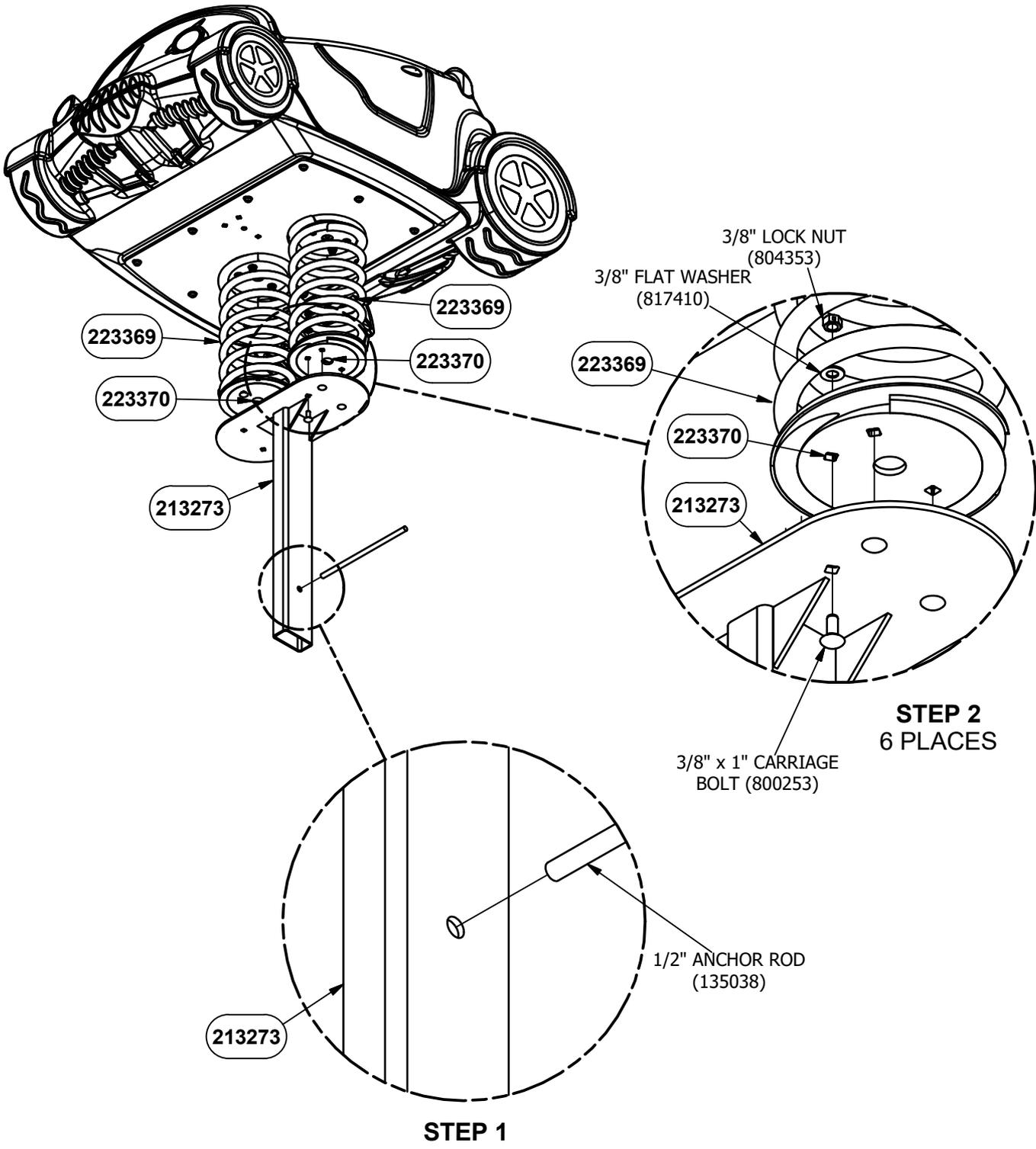
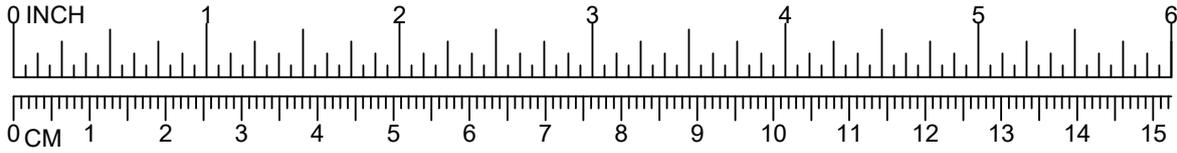
STEP 3: After concrete has set for at least 72 hours, attach Spring Housing and Bottom Plate to the top of the Coil Spring. **REFER TO PAGE 7.**

STEP 4: Attach Bottom Plate to Dune Buggy Spring Rider. **REFER TO PAGE 8.**

STEP 5: Attach Steering Wheel Assembly to Mounting Plate. **REFER TO PAGE 9.**

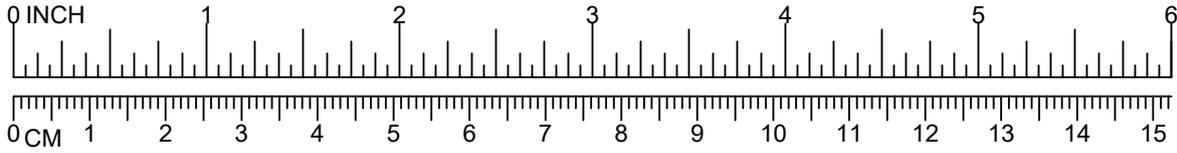
STEP 6: Attach Mounting Plate to Dune Buggy Spring Rider. **REFER TO PAGE 9.**

NOTE: It is recommended you retighten all bolts after the unit has been used three to four days.

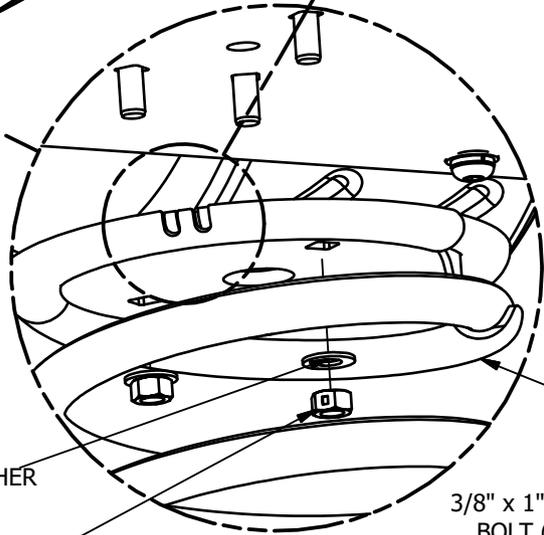
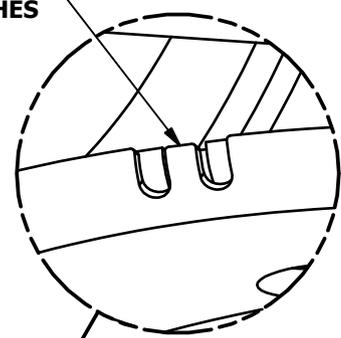
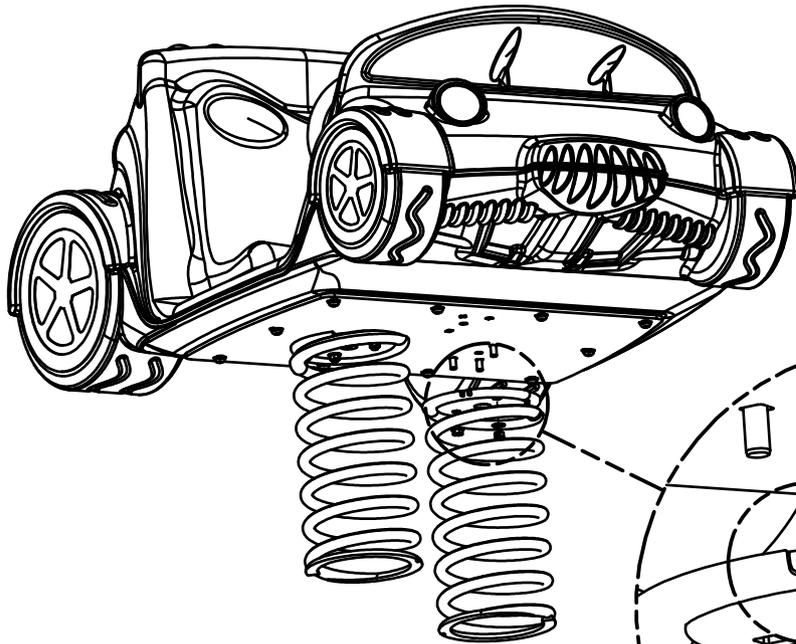


DO NOT MOUNT THE SPRING RIDER TO SPRING ASSEMBLY FOR AT LEAST 72 HOURS AFTER COMPLETING STEP 2.

DETAIL VIEW



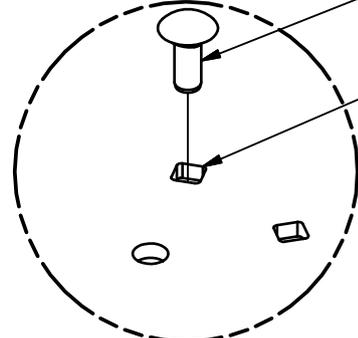
SPRING INDENTS TO ALIGN WITH SPRING HOUSING NOTCHES



3/8" FLAT WASHER (817410)

3/8" x 1" CARRIAGE BOLT (800253)

3/8" LOCK NUT (804353)



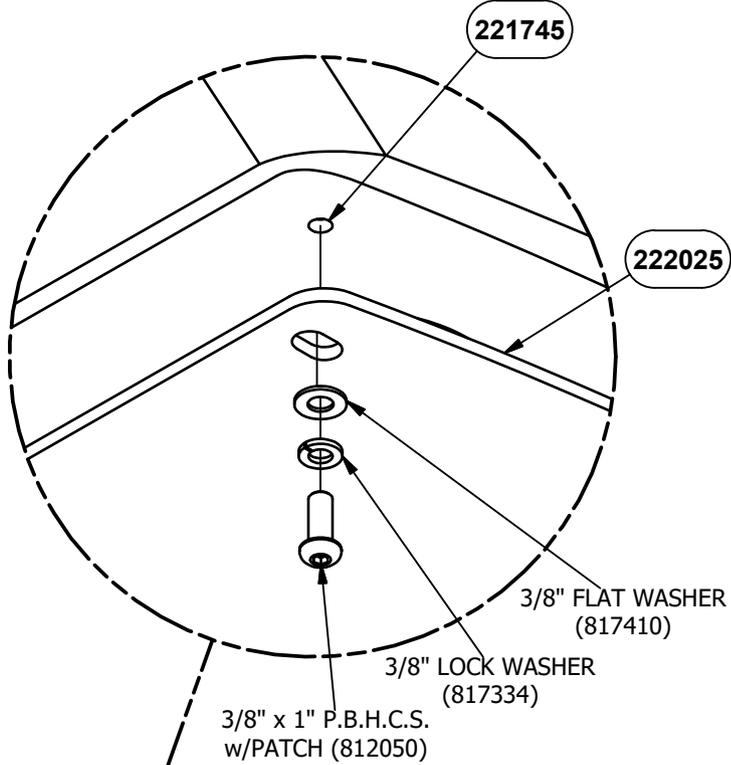
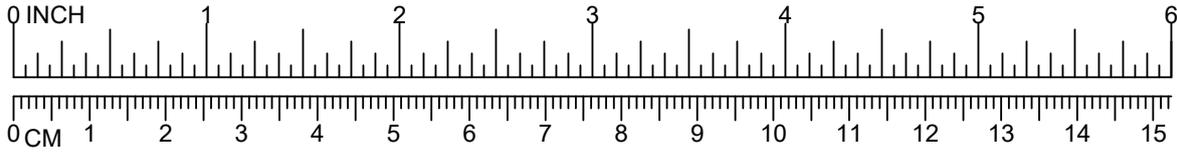
222025

TOP VIEW

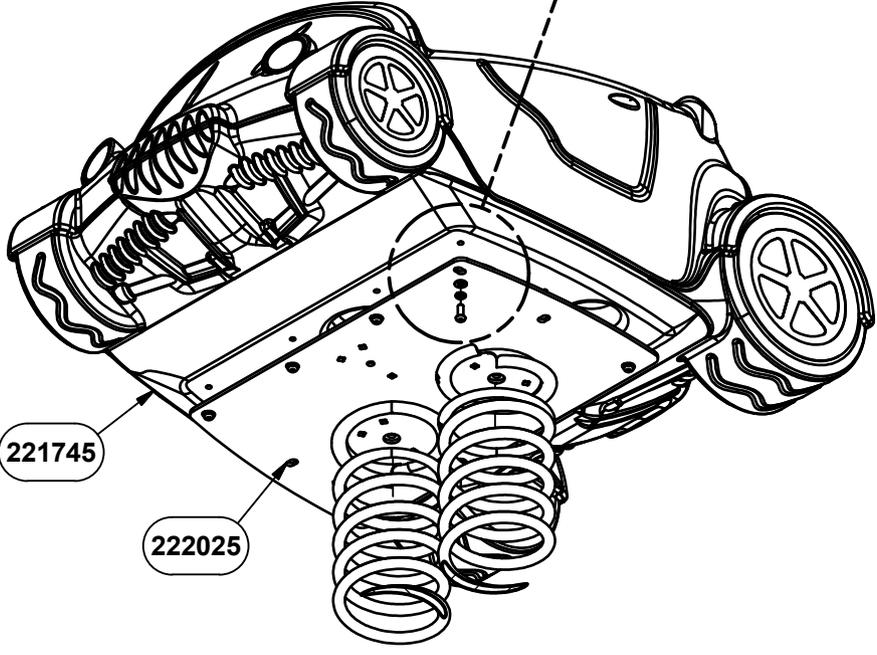
STEP 3
6 PLACES

DO NOT MOUNT THE SPRING RIDER TO SPRING ASSEMBLY FOR AT LEAST 72 HOURS AFTER COMPLETING STEP 2.

DETAIL VIEW

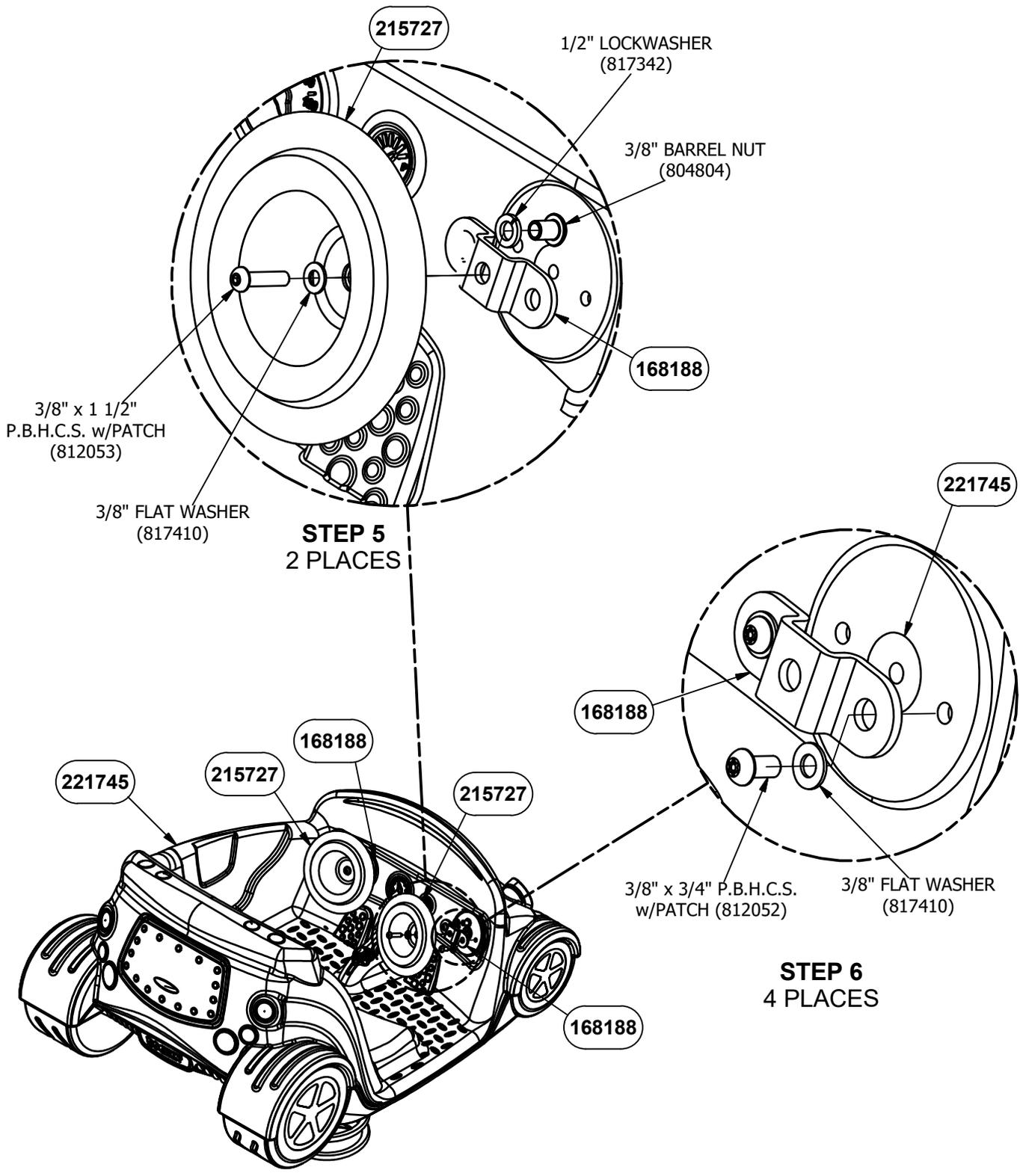
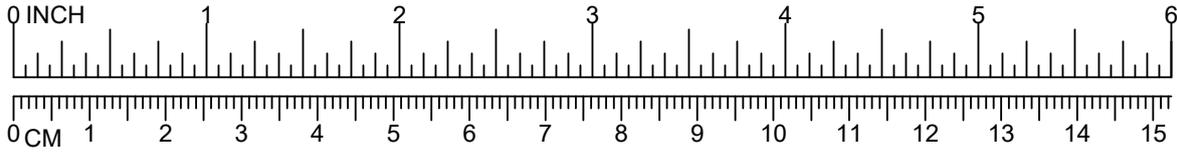


STEP 4
10 PLACES



DO NOT MOUNT THE SPRING RIDER TO SPRING ASSEMBLY FOR AT LEAST 72 HOURS AFTER COMPLETING STEP 2.

DETAIL VIEW



DO NOT MOUNT THE SPRING RIDER TO SPRING ASSEMBLY FOR AT LEAST 72 HOURS AFTER COMPLETING STEP 2.

Parts List		
DESCRIPTION	QTY	PART NUMBER
DUNE BUGGY SPRING RIDER	1	221745
STEERING WHEEL ASSEMBLY	2	215727
MOUNTING PLATE	2	168188
BOTTOM PLATE	1	222025
FOOTBUCK WELD ASSEMBLY	1	213273
COIL SPRING HOUSING	4	223370
COIL SPRING	2	223369
HARDWARE COMPLETE	1	222024
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	10	812050*
3/8" x 1" CARRIAGE BOLT	12	800253*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	2	812053*
3/8" FLAT WASHER	28	817410*
3/8" LOCK WASHER	10	817334*
3/8" LOCK NUT	12	804353*
3/8" BARREL NUT	2	804804*
1/2" LOCKWASHER	2	817342*
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.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more that 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.



Enriching Childhood Through Play™

1-800-235-2440

7086

FREESTANDING ROCKSCAPE

ISSUED/REVISED: 4/26/13

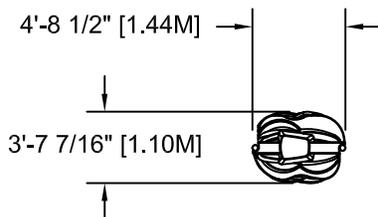
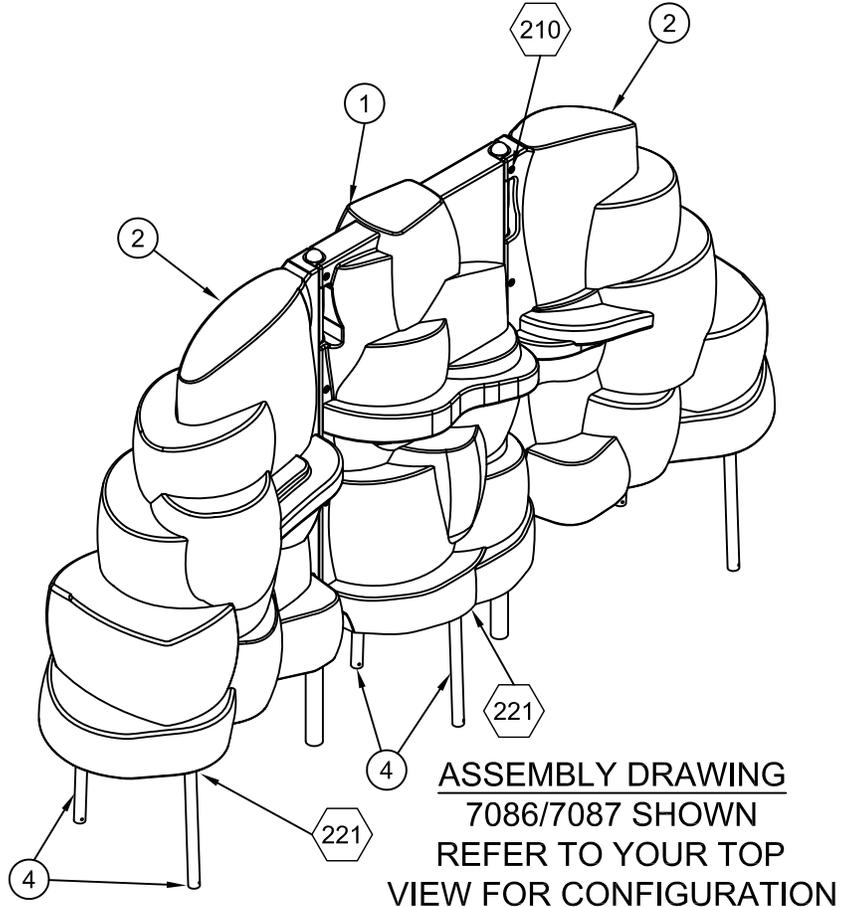
-  = INSTALLATION DETAIL
-  = PARTS LIST REFERENCE

ROCKSCAPE VERT ROCK	7086
ROCKSCAPE ARCH ROCK	7087
ROCK STEP	7088
ROCK STEP ATTACHMENT	7095

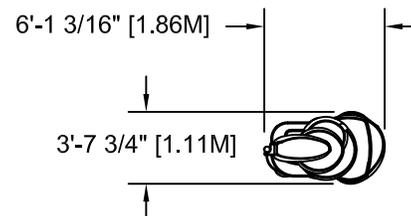


INSTALLATION INSTRUCTIONS

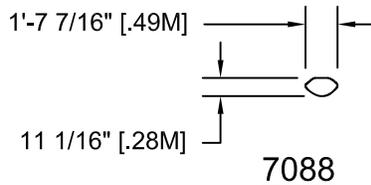
- Before assembling this equipment, read the enclosed INSTALLATION INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
- Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



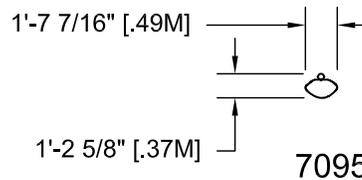
7086



7087

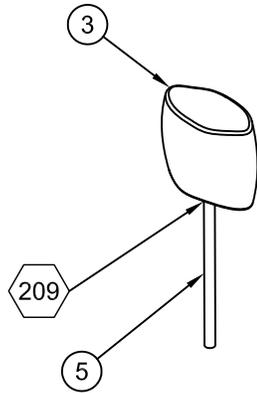


7088

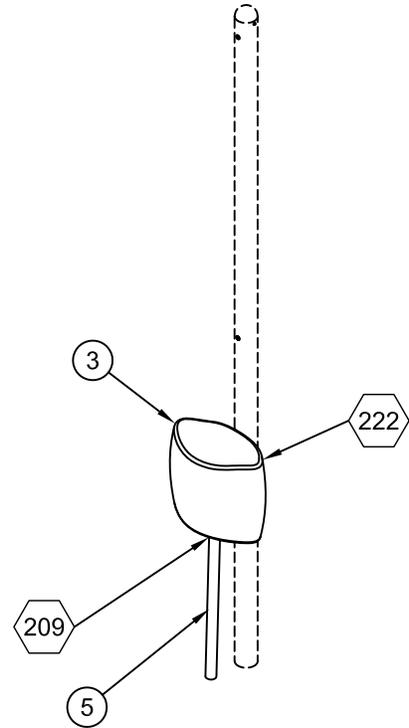


7095

TOP VIEWS



7088



7095

PARTS LIST

REF. NO.	DESCRIPTION	No. REQ'D.				PART NUMBER
		7086	7087	7088	7095	
1	RockScape Vert Rock	1	0	0	0	179352
2	RockScape Arch Rock	0	1	0	0	179353
3	Rock Step	0	0	1	1	179398
4	Footbuck Ass'y	2	2	0	0	179688
5	Rock Step Footbuck	0	0	1	1	179684
	Hardware Complete	1	0	0	0	179656
	Hardware Complete	0	1	0	0	179657
	Hardware Complete	0	0	1	0	179661
	Hardware Complete	0	0	0	1	179785
	3/8" x 1" P.B.H.C.S. w/Patch	4	4	6	6	812050*
	3/8" x 1 1/4" P.B.H.C.S. w/Patch	0	0	0	2	812051*
	3/8" x 2 1/4" P.B.H.C.S. w/Patch	8	4	0	0	812056*
	3/8" Lockwasher	12	8	6	8	817334*
	3/8" Flatwasher	4	4	6	8	817410*
	3/8" Flatwasher (1 1/4" O.D.)	8	4	0	0	817424*

* Included in Hardware

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

SPECIFICATIONS

ROCKSCAPE ROTOMOLDED PIECES: Shall be manufactured from linear low-density polyethylene material. 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).

METAL COMPONENTS: The Rock Step Footbuck shall be fabricated from 1 5/8" O.D. x .083" (14 Gauge) galvanized steel pipe, 3/16" hot rolled flat steel. The Footbuck shall be fabricated from 2 3/8" O.D. x .95" (13Gauge) galvanized steel tubing and and formed .09" (12 gauge) hot rolled steel plate. The Footbuck Weld Assemblies shall be all welded assemblies and shall be coated with a custom formula of TGIC polyester powder.

STEEL TUBING: All tubing used to manufacture components shall be an electrical resistance welded, cold rolled, high strength steel tubing. The exterior coating will consist of an in line hot-dipped uniform zinc galvanizing, chromate conversion, and acrylic over-coating. The interior coating will consist of a special organic acrylic modified polyester.

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).

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.

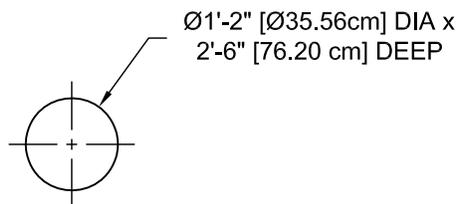
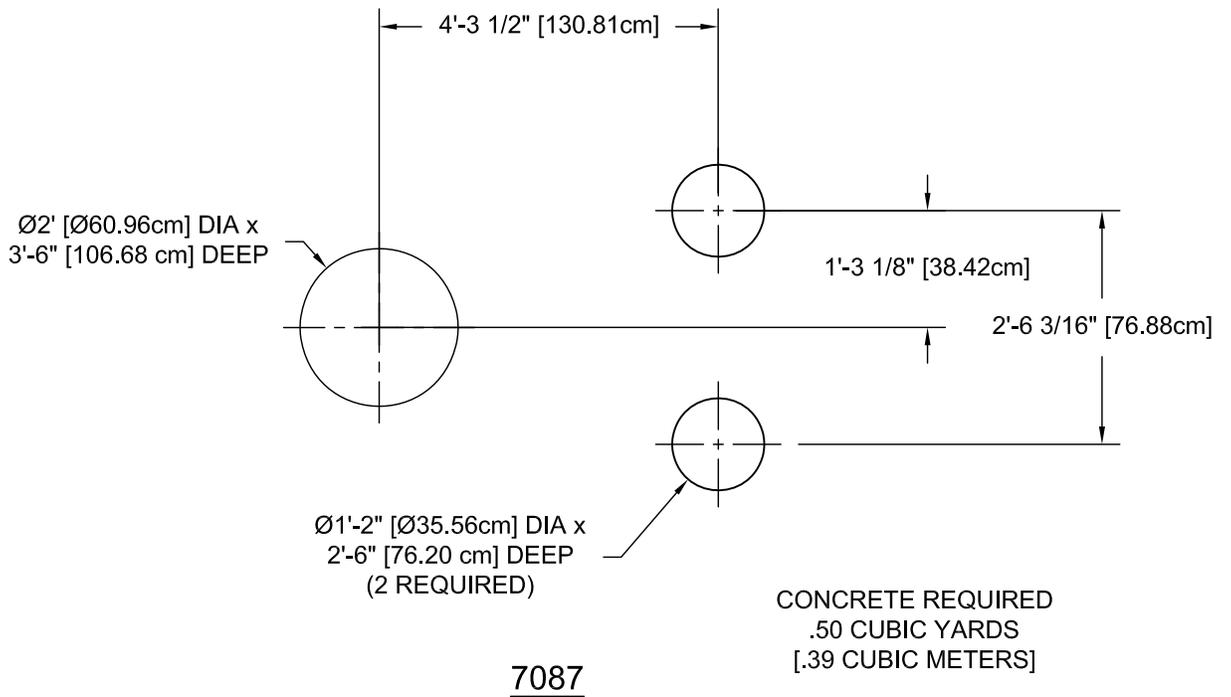
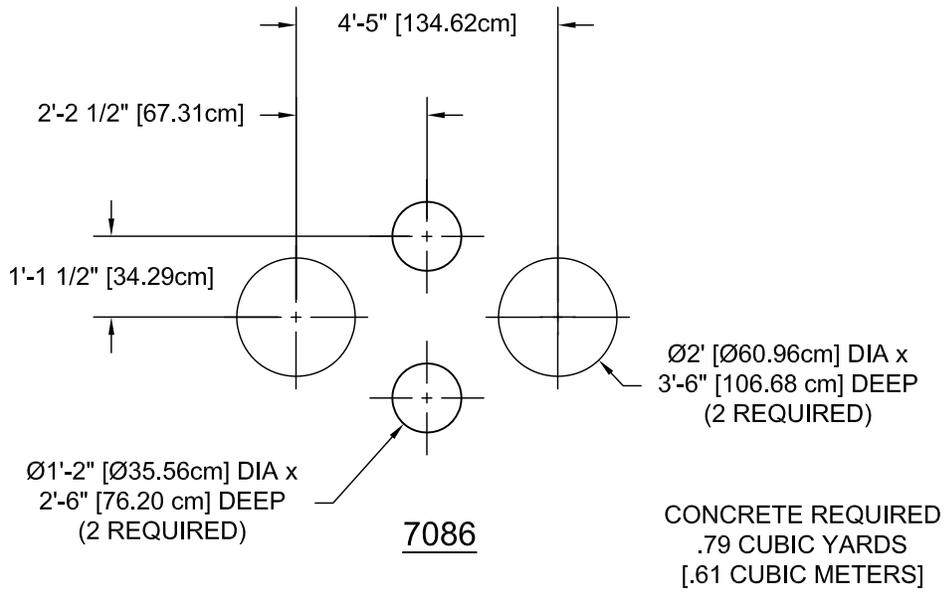
SPECIFICATIONS: GAMETIME has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



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.
- 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.



7088/7095

GROUND PLANS

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

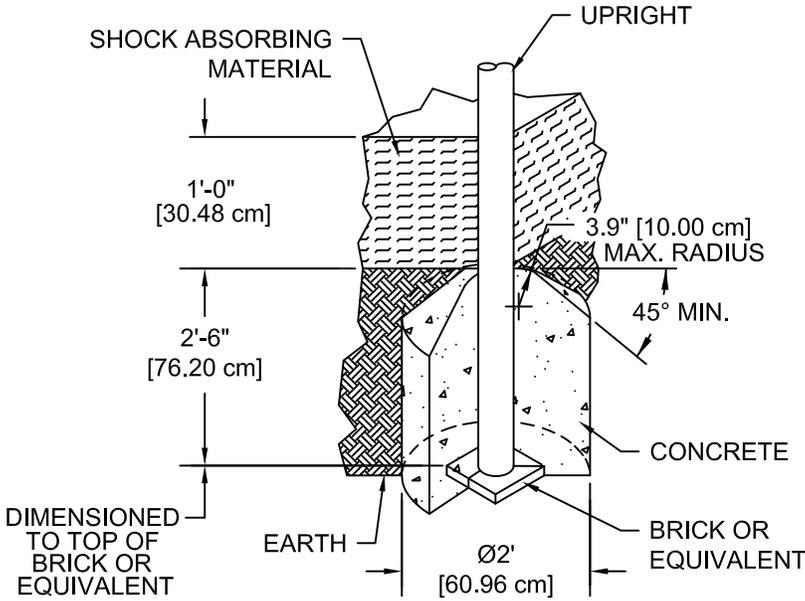
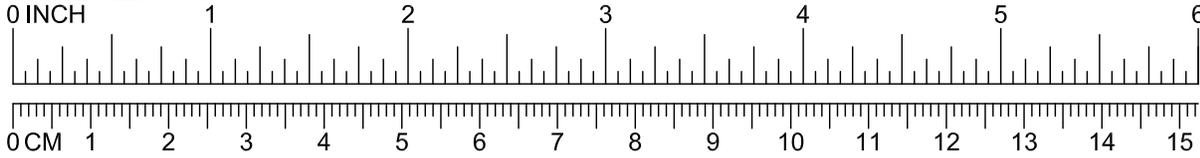
NOTE:
HOLE DEPTHS INDICATED ON ALL
GROUND PLANS ARE MEASURED FROM
THE FINISHED SURFACE. SEE DETAIL
223. ALL FOOTING DIMENSIONS ARE
BASED ON LEVEL FINISHED SURFACE.

DETAILS -for- 7086, 7087, 7088 & 7095

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.

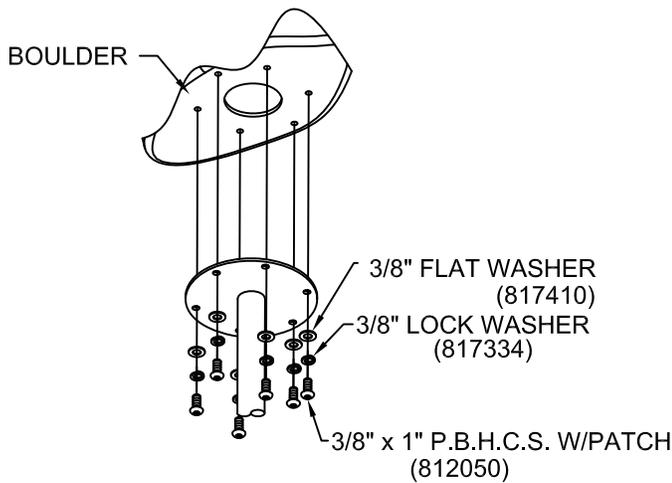


NOTES:

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

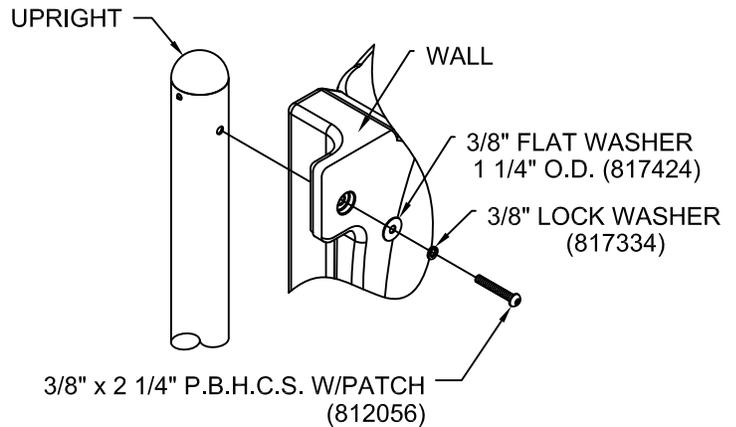
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

223



209

ATTACH ROCK STEP TO UPRIGHT BEFORE ATTACHING FOOTBUCK



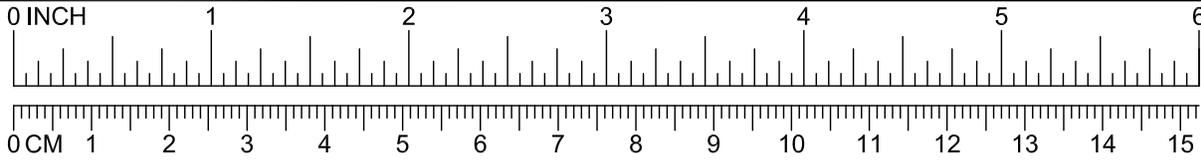
210

DETAILS -for- 7086, 7087, 7088 & 7095

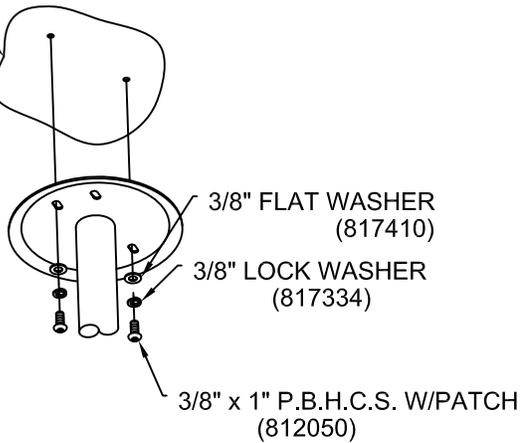
IMPORTANT

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.

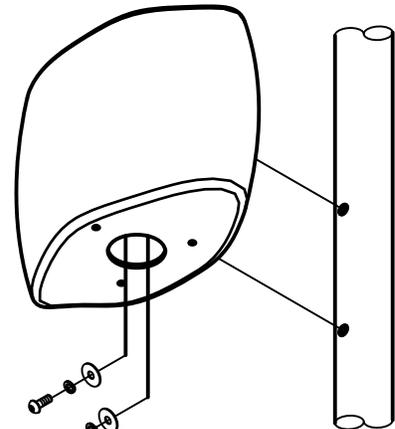
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



ROCKSCAPE WALL



221



ATTACH ROCK STEP TO UPRIGHT BEFORE ATTACHING FOOTBUCK

3/8" FLAT WASHER (817424)
3/8" LOCK WASHER (817334)
3/8" x 1 1/4" P.B.H.C.S. W/PATCH (812051)

NOTE: DRILL THRU DRILL POINTS USING A 1/2" DIA. BIT (2 PLACES)

222



Enriching Childhood Through Play.

1-800-235-2440

ISSUED/REVISED: 3/24/10

-  = INSTALLATION
DETAIL
-  = PARTS LIST
REFERENCE

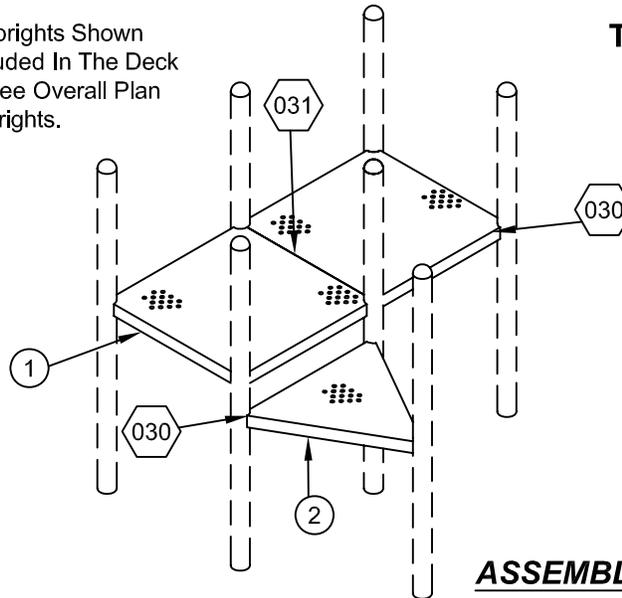
Note: The Uprights Shown
Are Not Included In The Deck
Packages. See Overall Plan
View For Uprights.

SQUARE 80000
TRIANGLE 80001

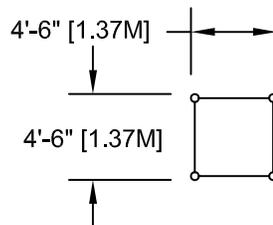
**INSTALLATION
INSTRUCTIONS**

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.

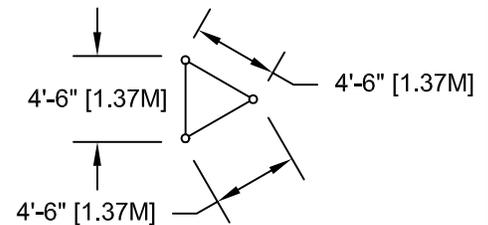
NOTE: Remove vinyl from the two inside holes, with 1/2" bit.



ASSEMBLY DRAWING



80000



80001

TOP VIEWS

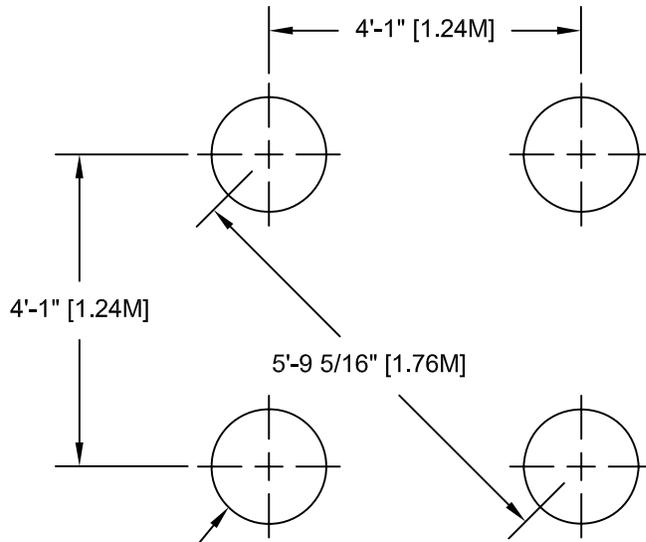
PARTS LIST

REF NO.	DESCRIPTION			PART NUMBER
		80000	80001	
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*



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.

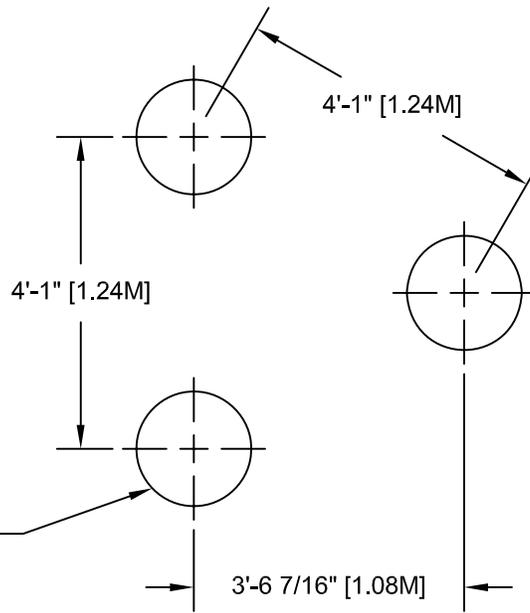


1'-6" [45.72 cm] DIA. x
2'-6" [76.20 cm] DEEP
(QTY. AS REQUIRED)
SEE DETAIL 032

80000

Concrete Required
.10 Cubic Yards [.07 cm]
Per Upright Ground Hole

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.



1'-6" [45.72 cm] DIA. x
2'-6" [76.20 cm] DEEP
(QTY. AS REQUIRED)
SEE DETAIL 032

80001

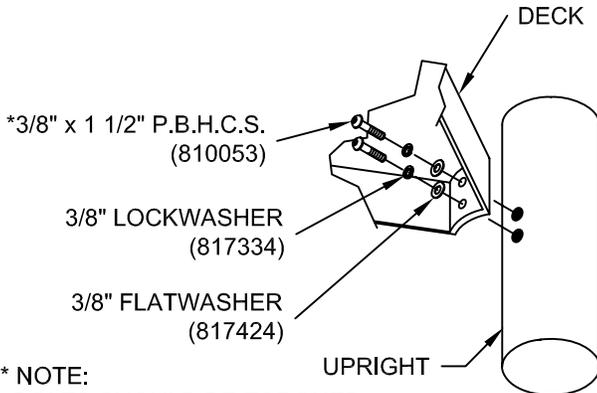
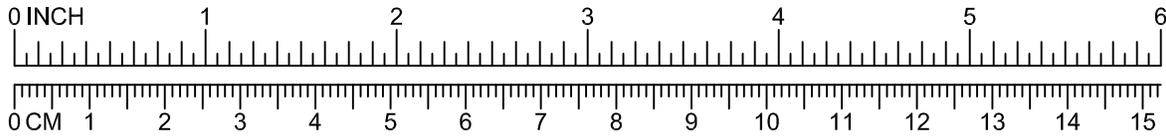
GROUND PLANS

DETAILS -for- 80000 & 80001

IMPORTANT

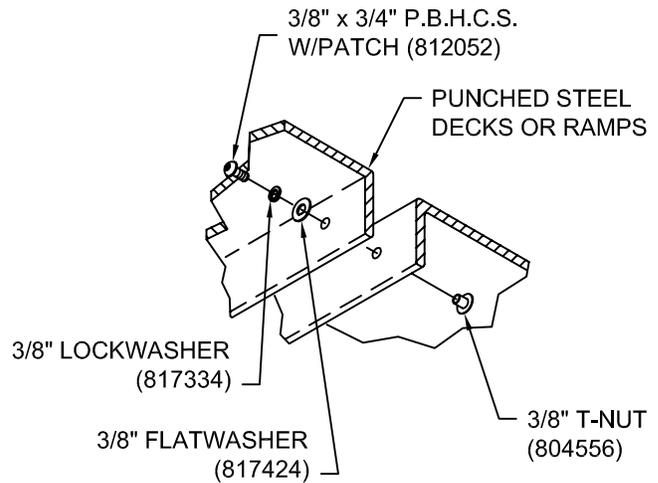
To REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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



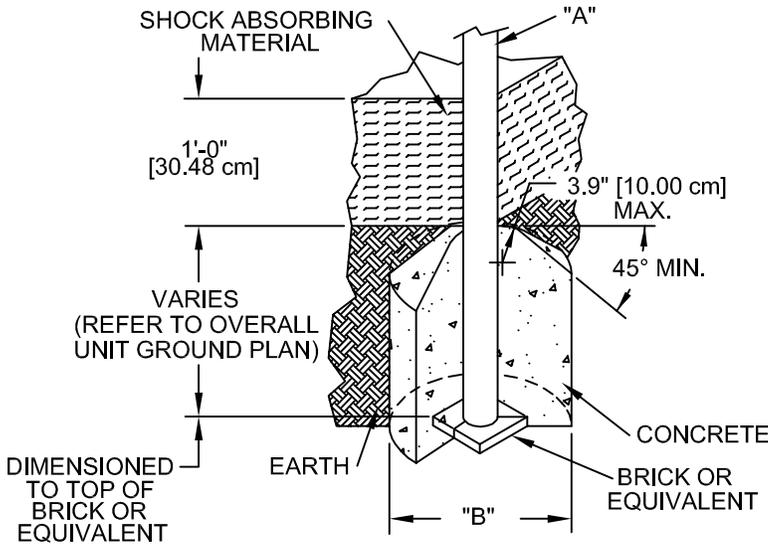
* NOTE:
BOLTS SHOULD BE TORQUED FROM 20-25 FT. LBS. FOR PROPER INSTALLATION.

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



030

031



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.

**HANDHOLD
KICK PLATE PKG.**

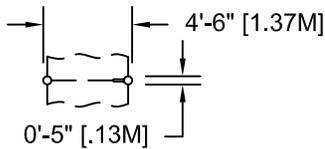
 = INSTALLATION
= DETAIL

 = PARTS LIST
= REFERENCE

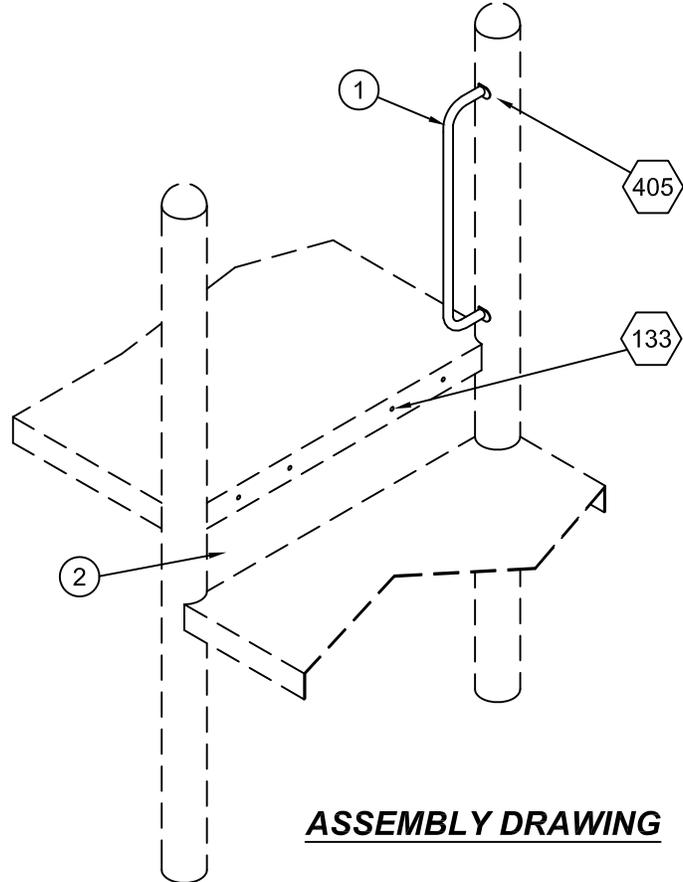
**INSTALLATION
INSTRUCTIONS**

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.



TOP VIEW



ASSEMBLY DRAWING

PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D.	PART NUMBER
1	Handhold Ass'y	1	211395
2	Filler/Kick Plate	1	139253
	<i>Hardware Complete</i>	1	177009
	3/8" x 1 1/4" P.B.H.C.S. w/Patch	4	812051*
	3/8" Lockwasher	12	817334*
	3/8" x 1" P.B.H.C.S. w/Patch	8	812050*
	3/8" Flatwasher (1 1/4" O.D.)	8	817424*
	3/8" Hex Nut	8	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.

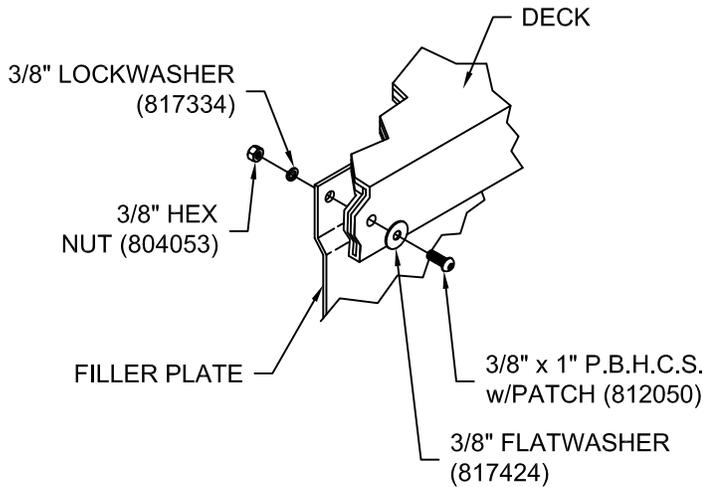
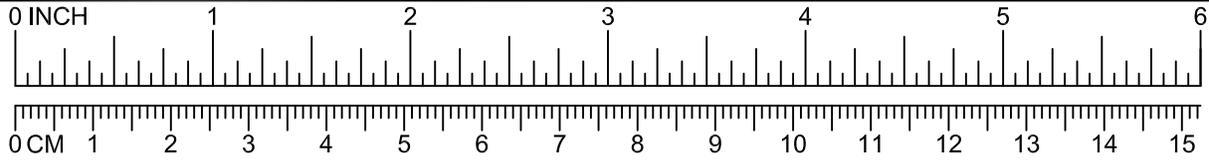
Note: Loctite (supplied by others) should be used on all threaded hardware.

DETAILS -for- 80687

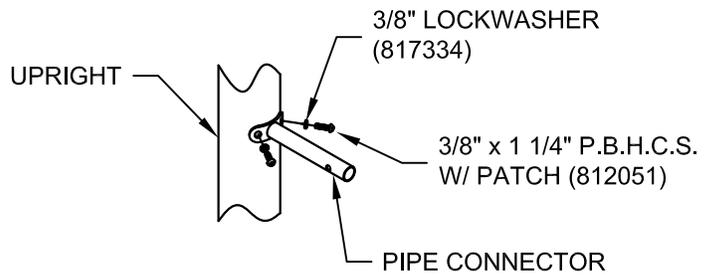
IMPORTANT

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.



133



405

PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 2/27/12

90034 ARCH CLIMBER

-  = INSTALLATION
DETAIL
-  = PARTS LIST
REFERENCE

REFER TO MODULAR EQUIPMENT
TOP VIEW FOR CORRECT
ENTRYWAY NUMBER

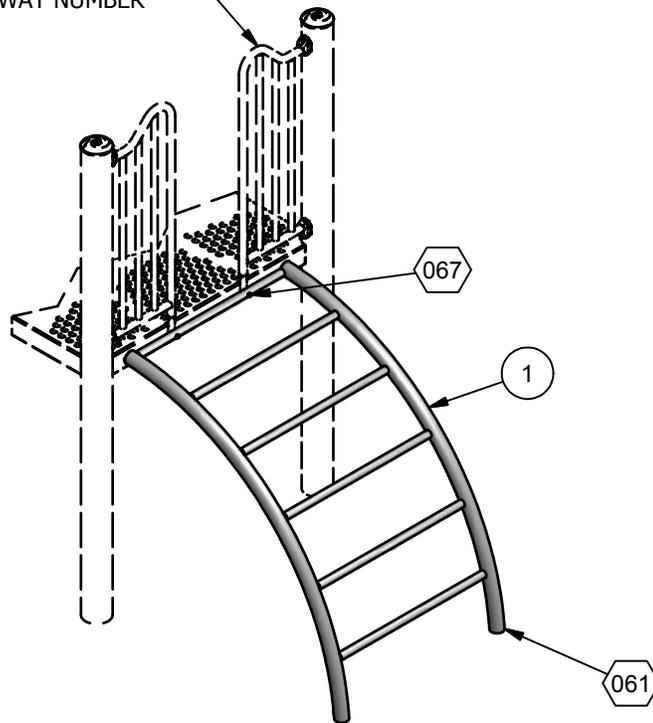
3'-0"	90034
4'-0"	90035
5'-0"	90036



90034
90035



90036

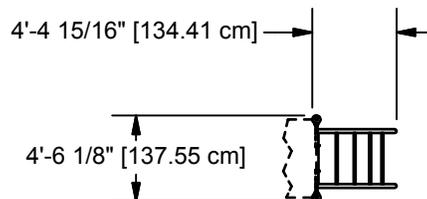


**ASSEMBLY DRAWING
90035 SHOWN**

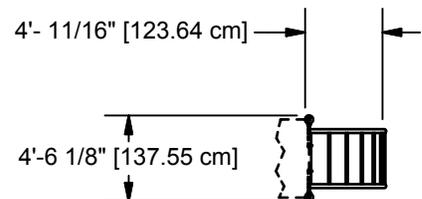
INSTALLATION INSTRUCTIONS

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 assembly details for the specific hardware required in each connection.

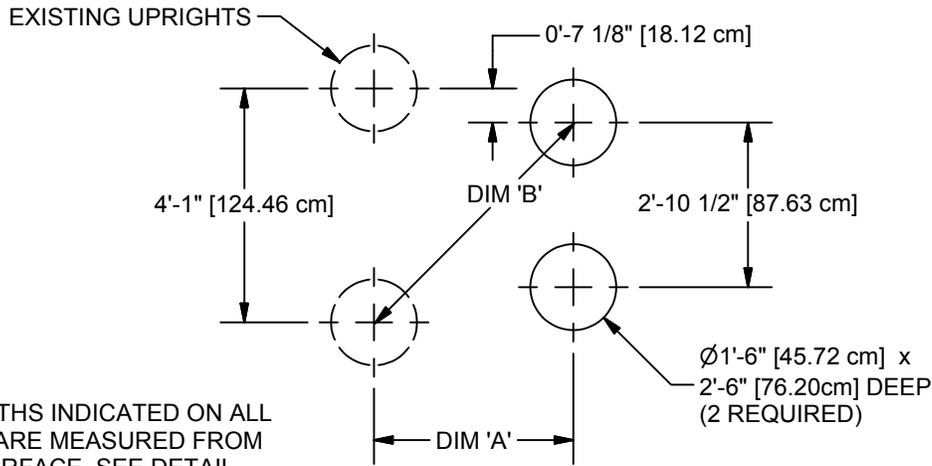


90034



90035 & 90036

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 LEVEL FINISHED SURFACE.

CONCRETE REQUIRED
.20 CUBIC YARDS
[.15 CUBIC METERS]

PART NO.	DIM 'A'	DIM 'B'
90034	3'-11 7/8" [121.60 cm]	5'-3 1/2" [161.35 cm]
90035	3'-8 15/16" [114.18 cm]	5'-1 3/8" [155.83 cm]
90036	3'-6 1/8" [106.97 cm]	4'-11 5/16" [150.62 cm]

GROUND PLANS

Parts List					
REF.	DESCRIPTION	90034	90035	90036	PART NUMBER
1	3' ARCH CLIMBER ASS'Y	1	0	0	157878
1	4' ARCH CLIMBER ASS'Y	0	1	0	157882
1	5' ARCH CLIMBER ASS'Y	0	0	1	158068
	HARDWARE COMPLETE	1	0	0	203667
	HARDWARE COMPLETE	0	1	0	203668
	HARDWARE COMPLETE	0	0	1	203669
	3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	2	2	812054*
	3/8" x 3 1/2" HEX HEAD BOLT	2	2	2	801013*
	3/8" LOCKWASHER	2	2	2	817334*
	3/8" T-NUT	2	2	2	804556*
	3/8" HEX NUT	2	2	2	804053*
	EXTENSION	2	0	0	157886*
	EXTENSION	0	2	0	157885*
	EXTENSION	0	0	2	157884*

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.**

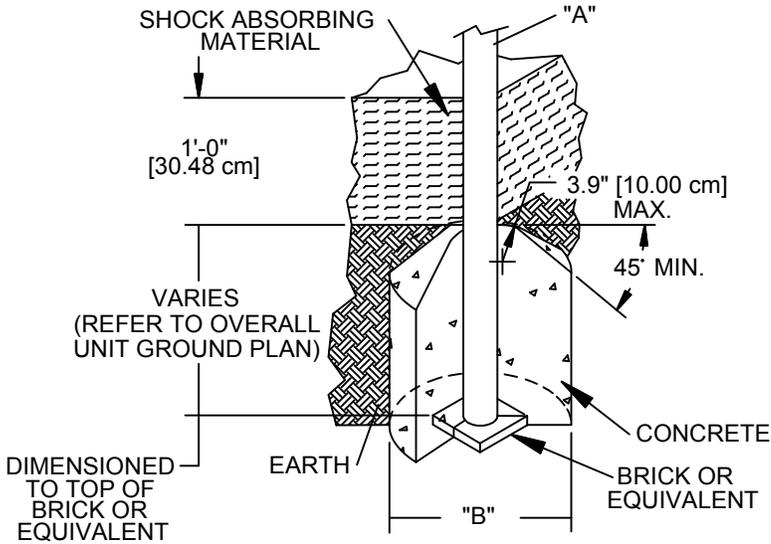
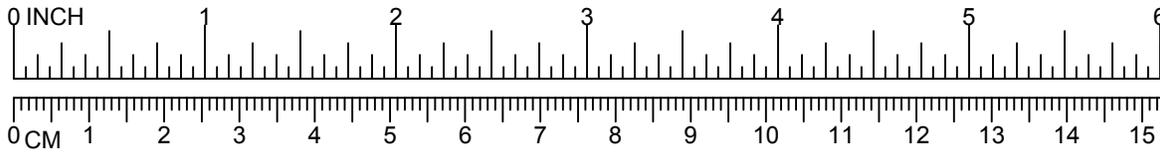
DETAILS -for- 90034, 90035 AND 90036

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:

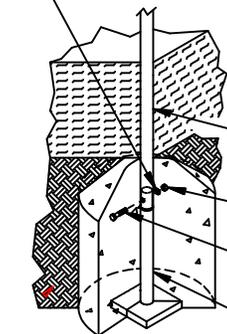
- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI



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)

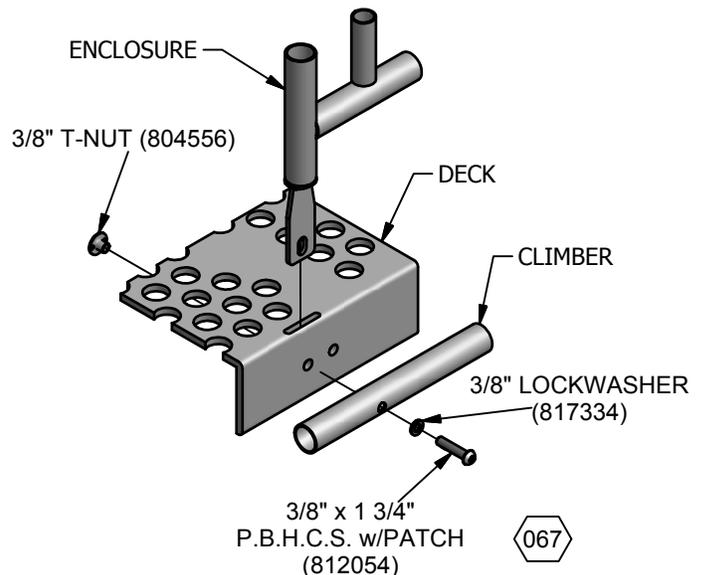


LEG, SEE CHART FOR SIZE

3/8" HEX NUT (804053)

SEE CHART FOR SIZE

EXTENSION



PowerScape

90395

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1-800-235-2440

ISSUED/REVISED: 10/29/20

RUNG KICKPLATE



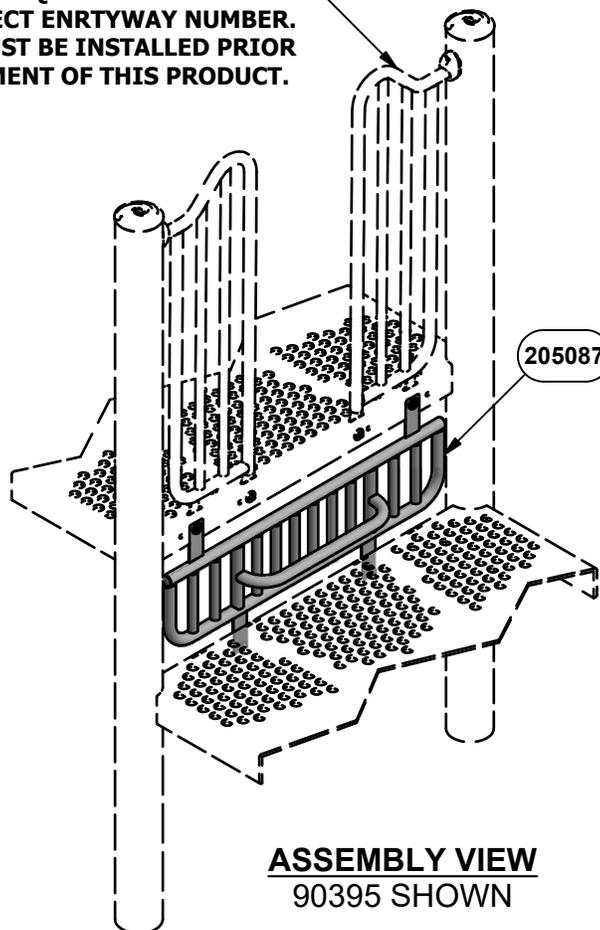
UP TO 5'-0"
DECK HEIGHTS



ALL
DECK HEIGHTS

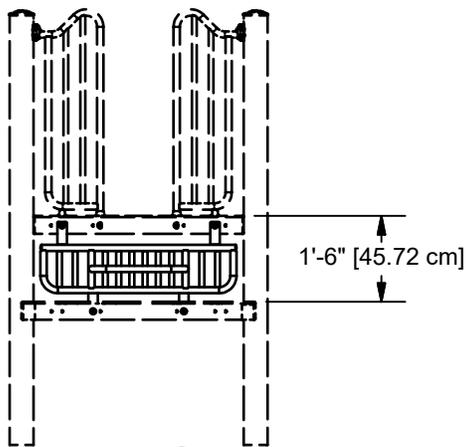
1'-6" RISE	90395
2'-0" RISE	90396
2'-6" RISE	90533
3'-0" RISE	90534
4'-0" RISE	91592
5'-0" RISE	91593

REFER TO MODULAR EQUIPMENT TOP VIEW
FOR CORRECT ENRTYWAY NUMBER.
ENRTYWAY MUST BE INSTALLED PRIOR
TO ATTACHMENT OF THIS PRODUCT.

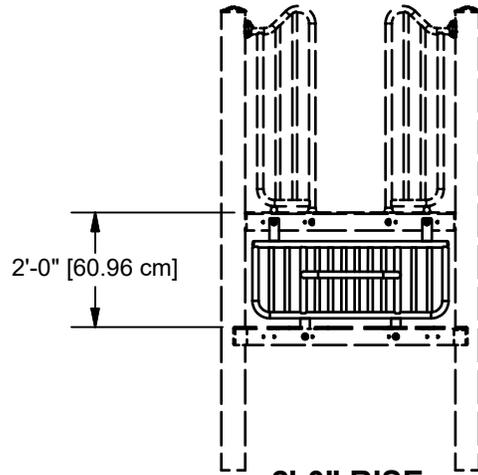


INSTALLATION INSTRUCTIONS

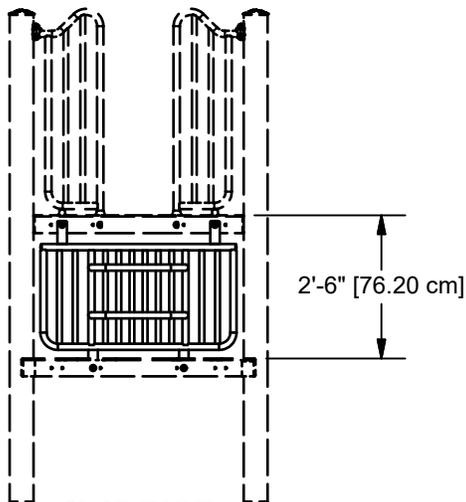
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



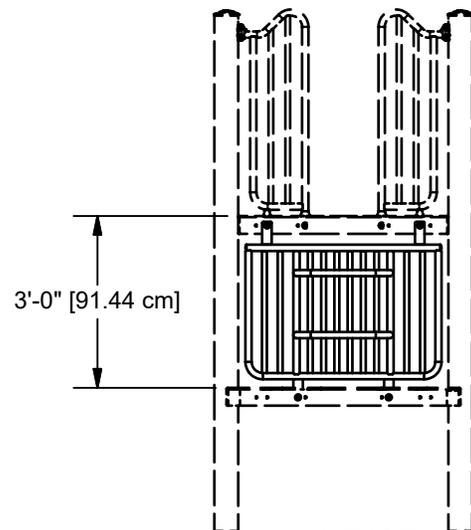
**1'-6" RISE
VIEW**



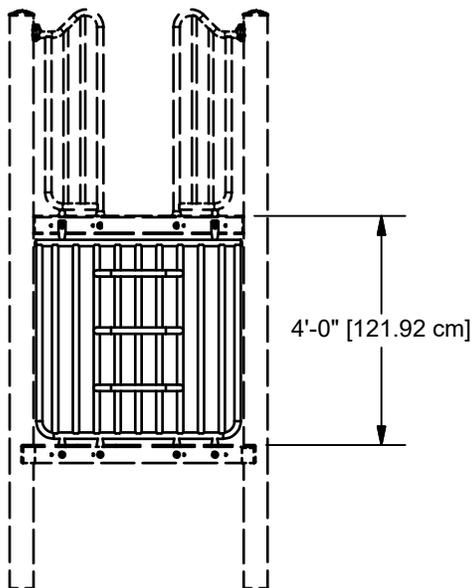
**2'-0" RISE
VIEW**



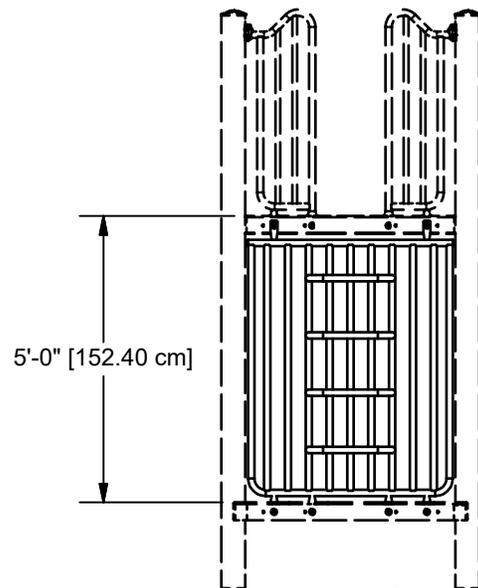
**2'-6" RISE
VIEW**



**3'-0" RISE
VIEW**

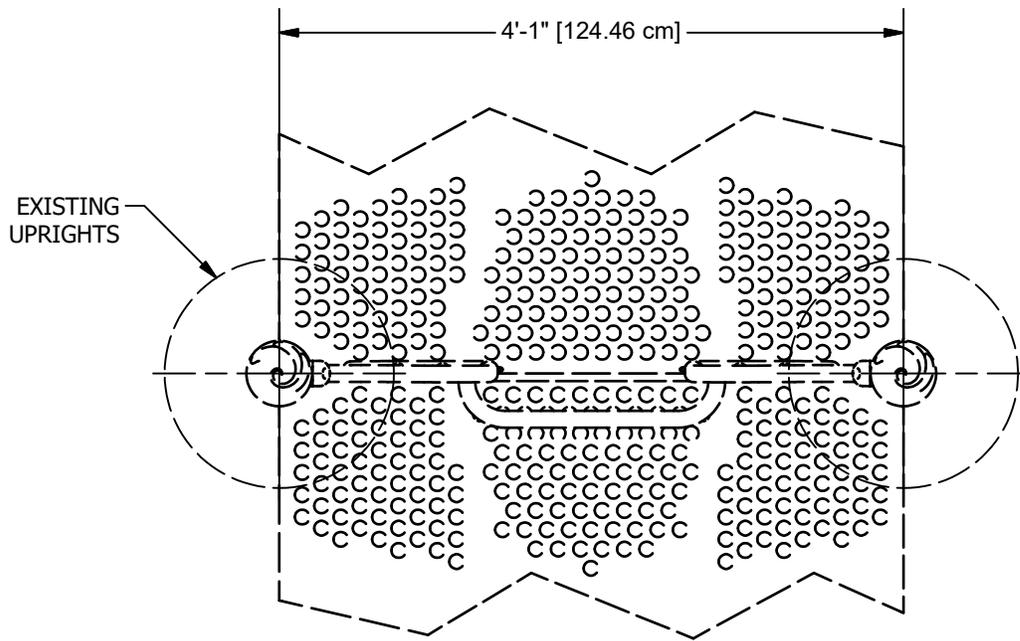


**4'-0" RISE
VIEW**

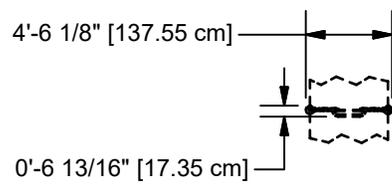


**5'-0" RISE
VIEW**

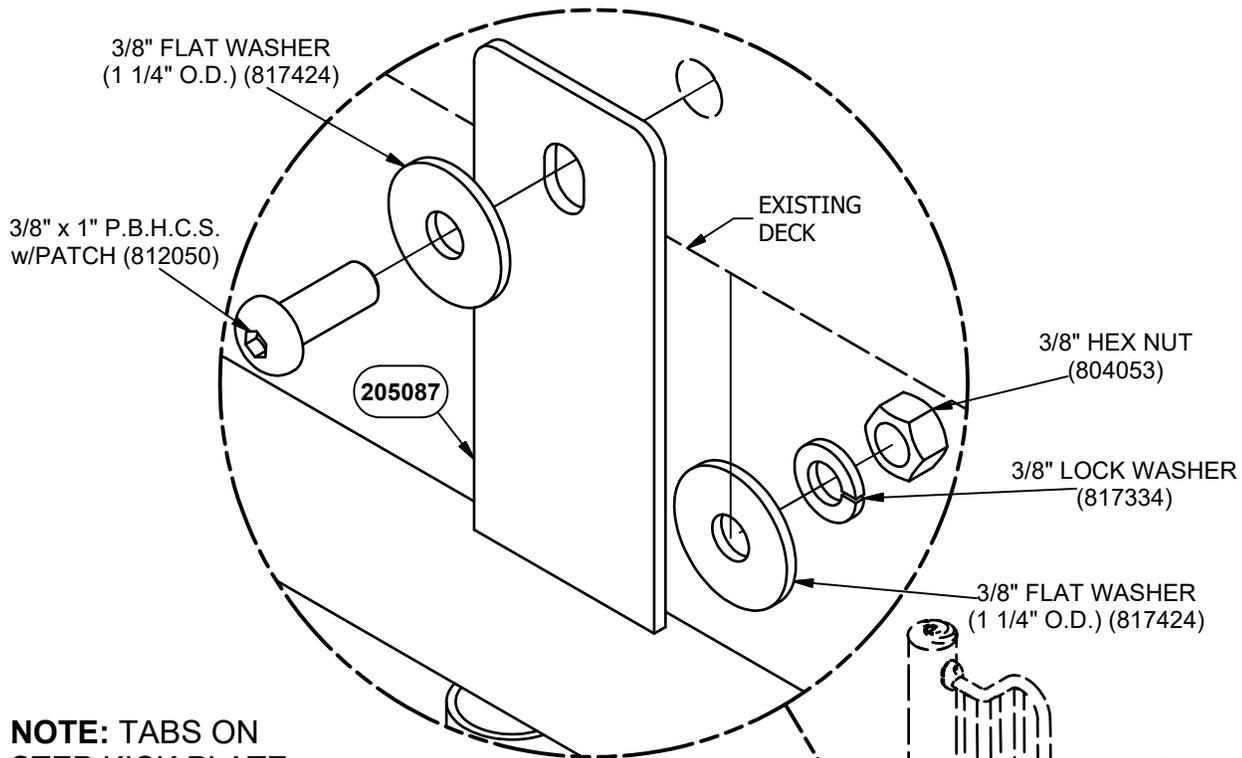
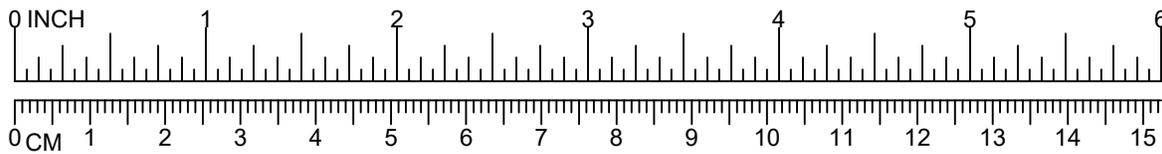
**DECK HEIGHT
ELEVATIONS**



PLAN VIEW

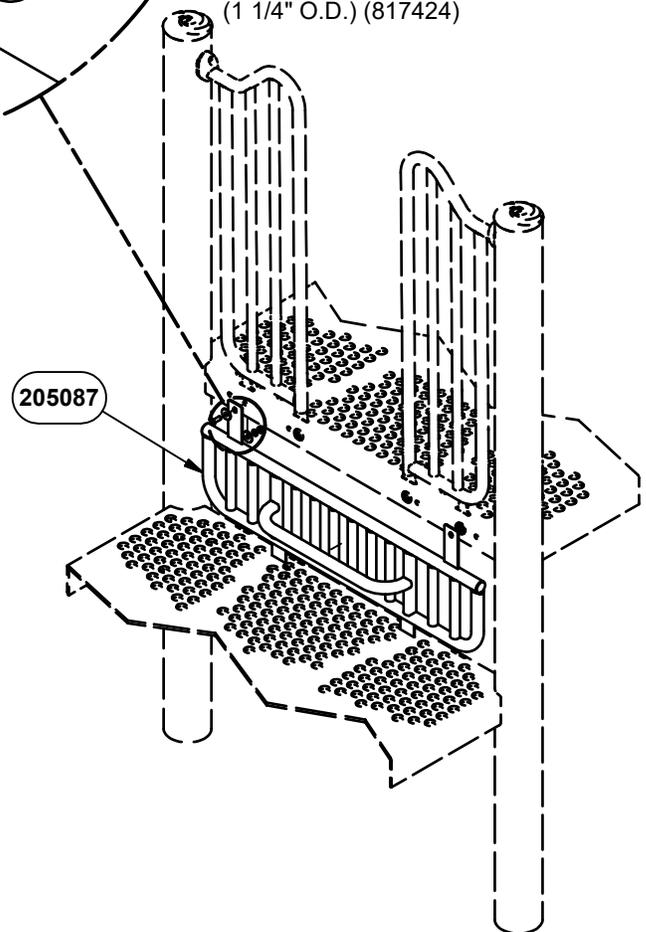


TOP VIEW



NOTE: TABS ON
STEP KICK PLATE
WELD ASSEMBLY
MOUNT TO THE FACE
OF EACH DECK.

STEP 1
4 PLACES



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW
90395 SHOWN
OTHERS SIMILAR

Parts List							
DESCRIPTION	90395	90396	90533	90534	91592	91593	PART NUMBER
STEP KICK PLATE WELD ASSEMBLY	1	0	0	0	0	0	205087
STEP KICK PLATE WELD ASSEMBLY	0	1	0	0	0	0	205091
STEP KICK PLATE WELD ASSEMBLY	0	0	1	0	0	0	205093
STEP KICK PLATE WELD ASSEMBLY	0	0	0	1	0	0	205096
STEP KICK PLATE WELD ASSEMBLY	0	0	0	0	1	0	219749
STEP KICK PLATE WELD ASSEMBLY	0	0	0	0	0	1	219767
HARDWARE COMPLETE	1	1	1	1	0	0	216856
HARDWARE COMPLETE	0	0	0	0	1	1	220137
3/8" x 1" P.B.H.C.S. w/PATCH	4	4	4	4	6	6	812050*
3/8" FLAT WASHER (1 1/4" O.D.)	8	8	8	8	12	12	817424*
3/8" LOCK WASHER	4	4	4	4	6	6	817334*
3/8" HEX NUT	4	4	4	4	6	6	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.

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.

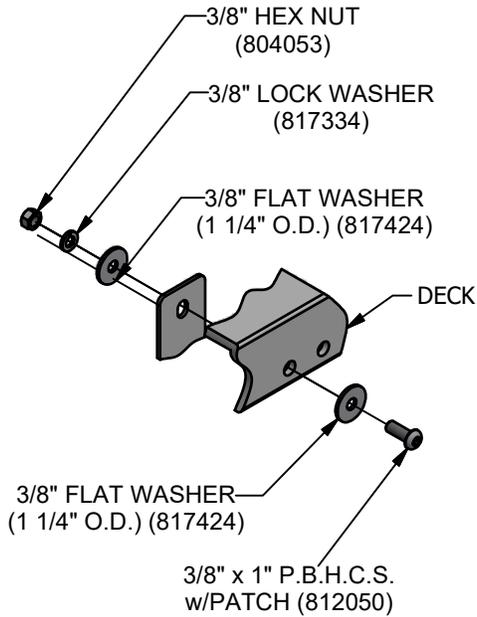
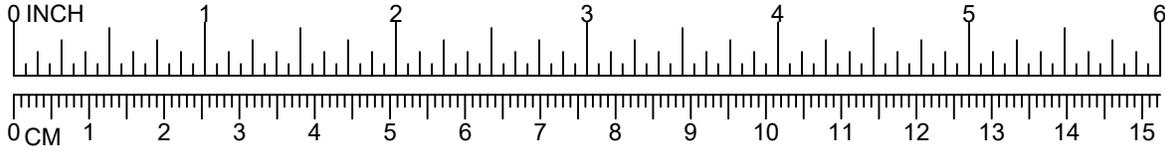
DETAILS -for- 90395, 90396, 90533, & 90534

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.



111

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1-800-235-2440

ISSUED/REVISED: 10/12/23

90503 ZIP SLIDE

-  = INSTALLATION
-  = PARTS LIST REFERENCE

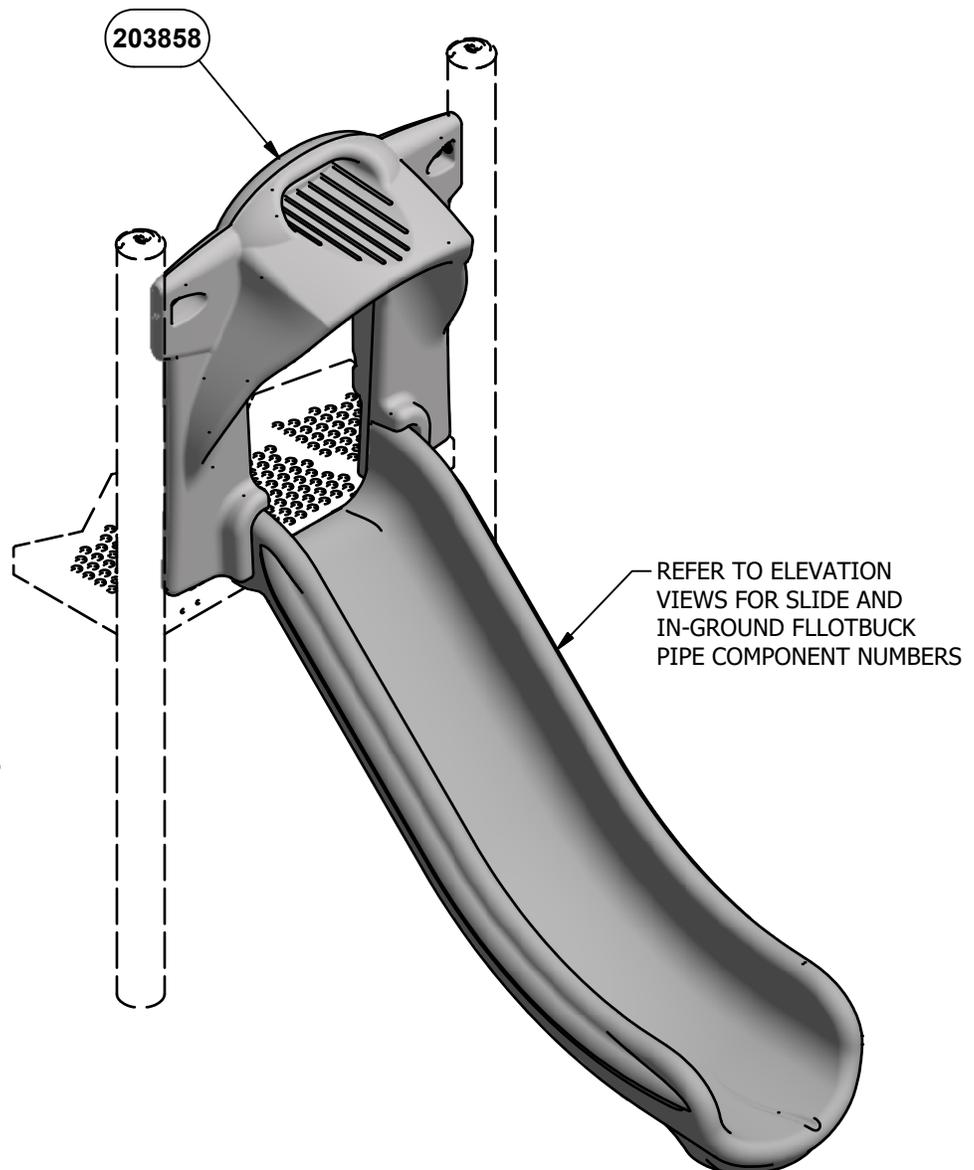
2'-6" / 3'-0" WAVE ZIP SLIDE	90503
4'-0" / 4'-6" ZIP SLIDE	90504
5'-0" / 5'-6" ZIP SLIDE	90505
6'-0" WAVE ZIP SLIDE	90506



90503
90504
90505



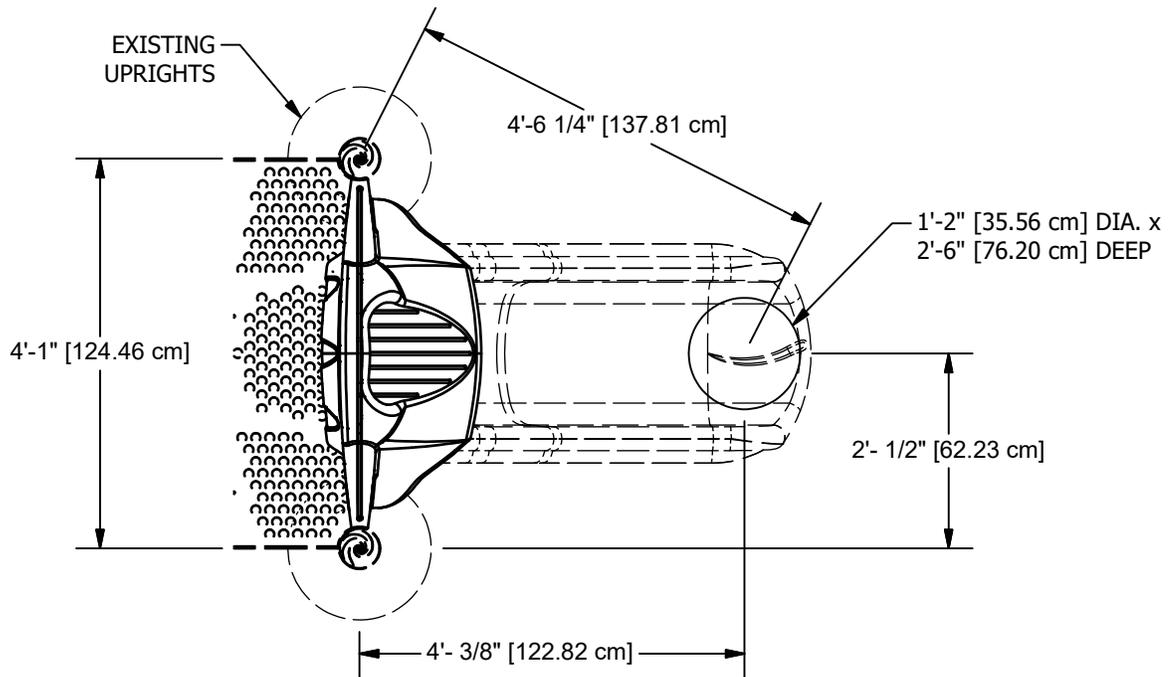
ALL DECK
HEIGHTS



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
90504 SHOWN



**PLAN VIEW
90503**

203858

176399

EXIT HEIGHT CHART	
STANDARD	EXIT HEIGHT from SURFACING
ASTM	11" OR LESS
CSA	275mm OR LESS
EN	200mm OR LESS

SEE EXIT HEIGHT CHART
0 TO -10° SLOPE ON
EXIT REGION

2'-6" [76.20 cm]
OR
3'-0" [91.44 cm]

FINISHED SURFACE

RESILIENT SURFACE

2'-6" [76.20 cm]

1'-6" [45.72 cm]

223226

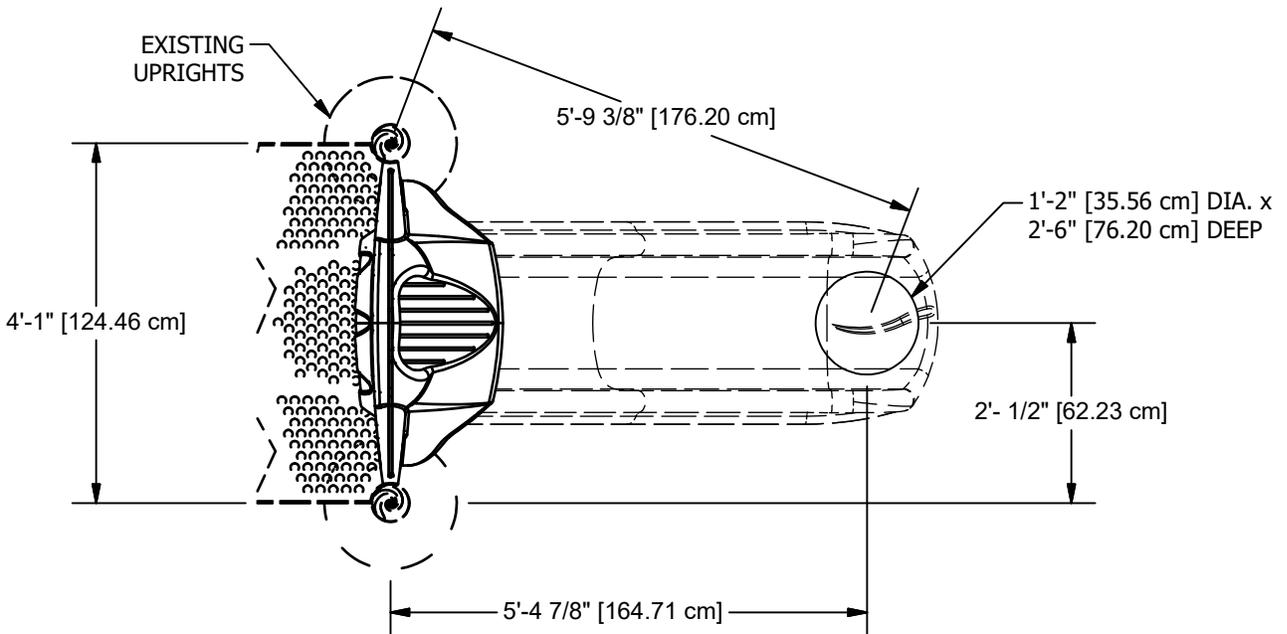
223228

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

BRICK OR EQUIVALENT
(SUPPLIED BY OTHERS)

**ELEVATION VIEW
90503**

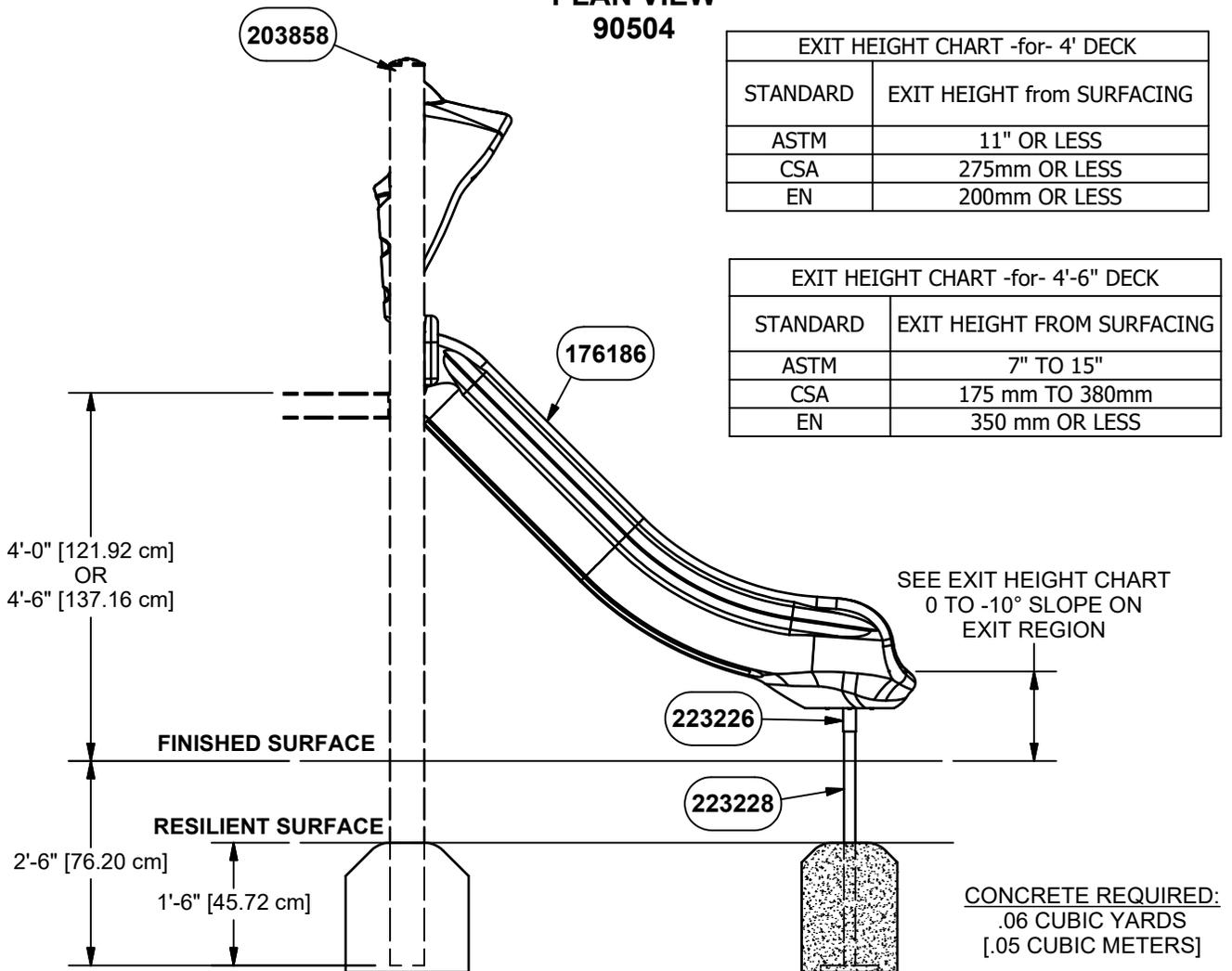
NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE FOOTING DETAIL. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



**PLAN VIEW
90504**

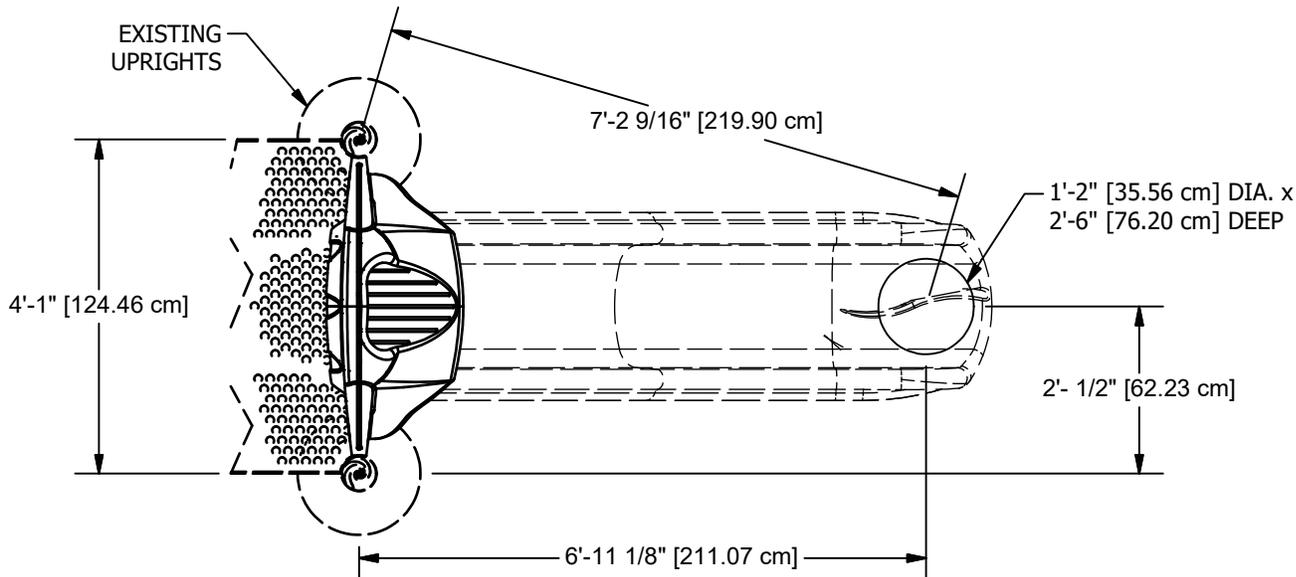
EXIT HEIGHT CHART -for- 4' DECK	
STANDARD	EXIT HEIGHT from SURFACING
ASTM	11" OR LESS
CSA	275mm OR LESS
EN	200mm OR LESS

EXIT HEIGHT CHART -for- 4'-6" DECK	
STANDARD	EXIT HEIGHT FROM SURFACING
ASTM	7" TO 15"
CSA	175 mm TO 380mm
EN	350 mm OR LESS

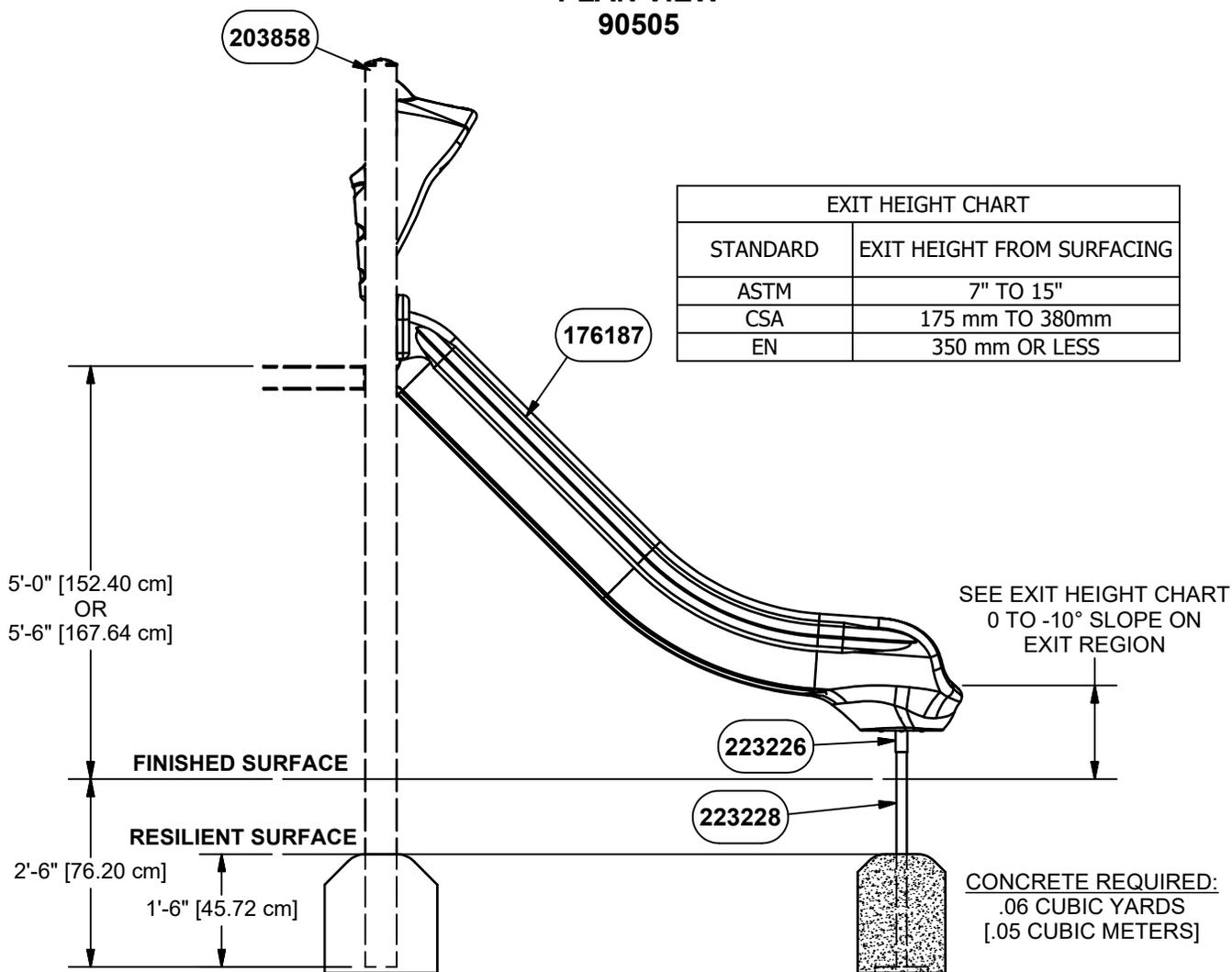


**ELEVATION VIEW
90504**

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.



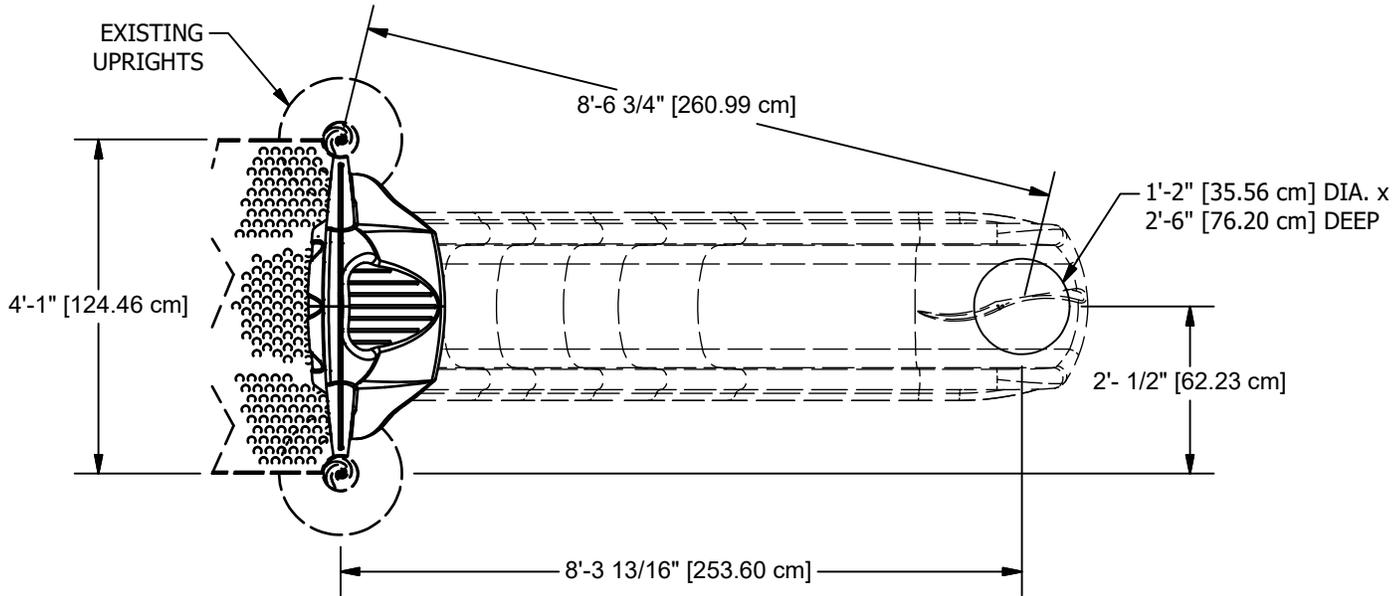
**PLAN VIEW
90505**



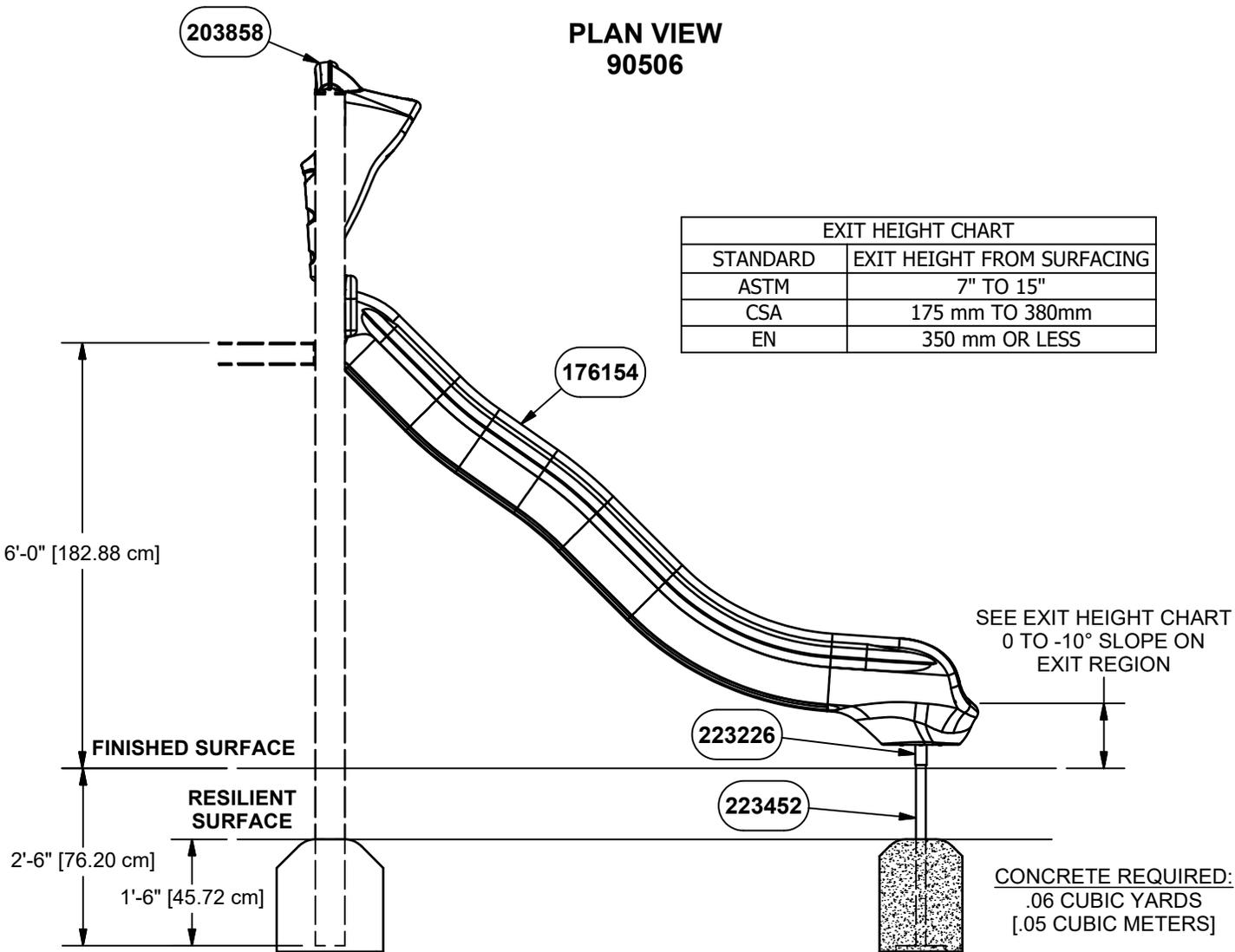
EXIT HEIGHT CHART	
STANDARD	EXIT HEIGHT FROM SURFACING
ASTM	7" TO 15"
CSA	175 mm TO 380mm
EN	350 mm OR LESS

**ELEVATION VIEW
90505**

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.



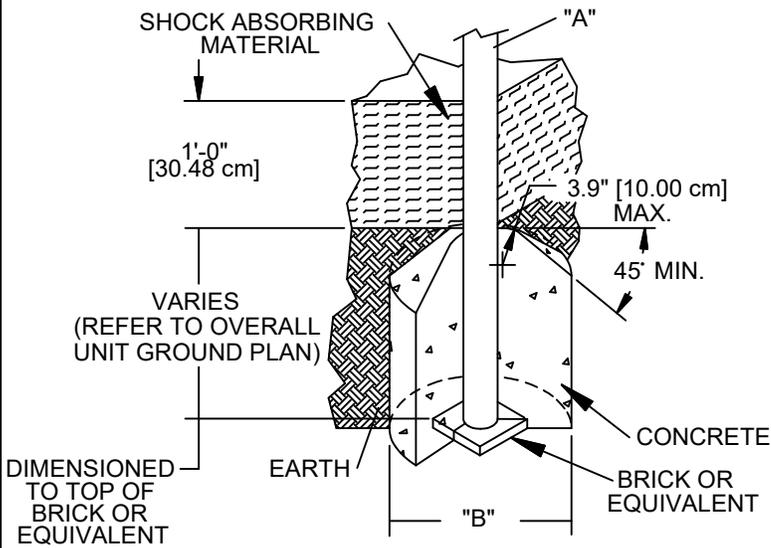
**PLAN VIEW
90506**



EXIT HEIGHT CHART	
STANDARD	EXIT HEIGHT FROM SURFACING
ASTM	7" TO 15"
CSA	175 mm TO 380mm
EN	350 mm OR LESS

**ELEVATION VIEW
90506**

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.



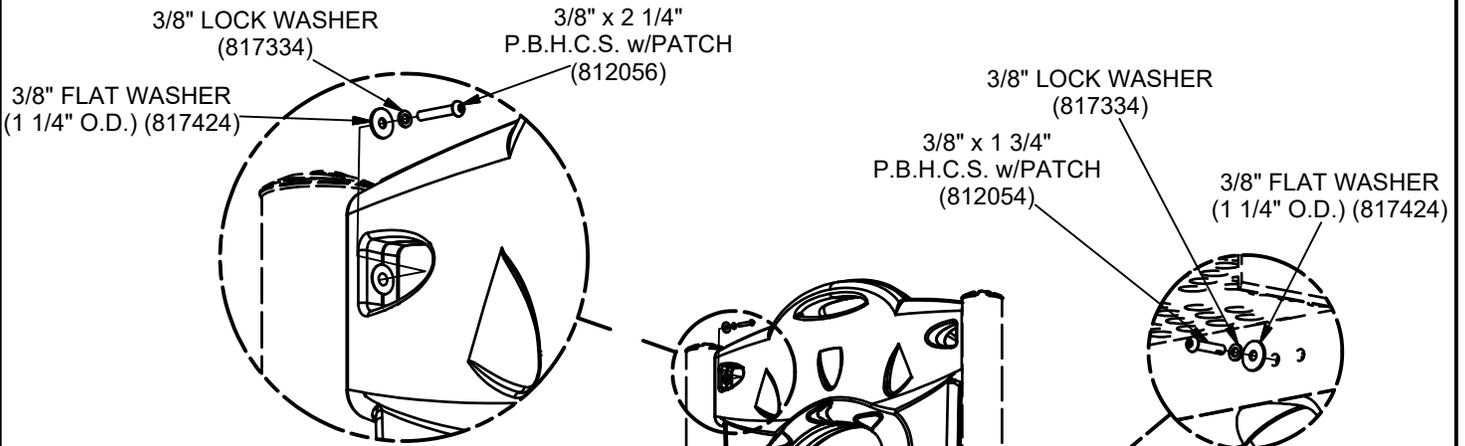
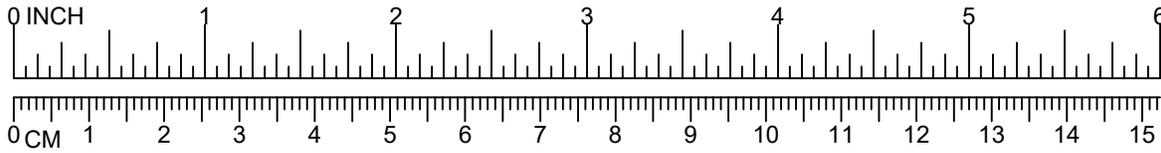
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]
TRACK RIDE & SWINGS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

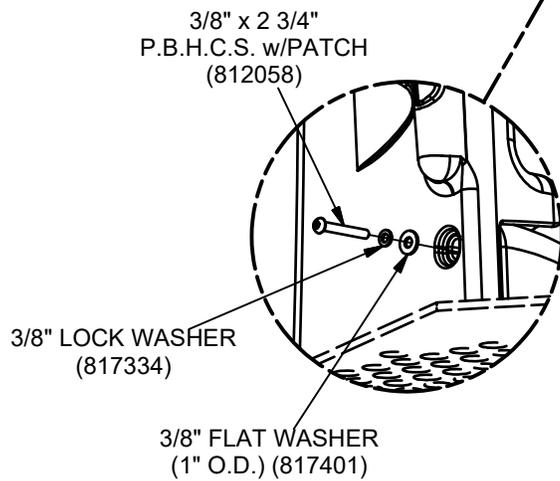
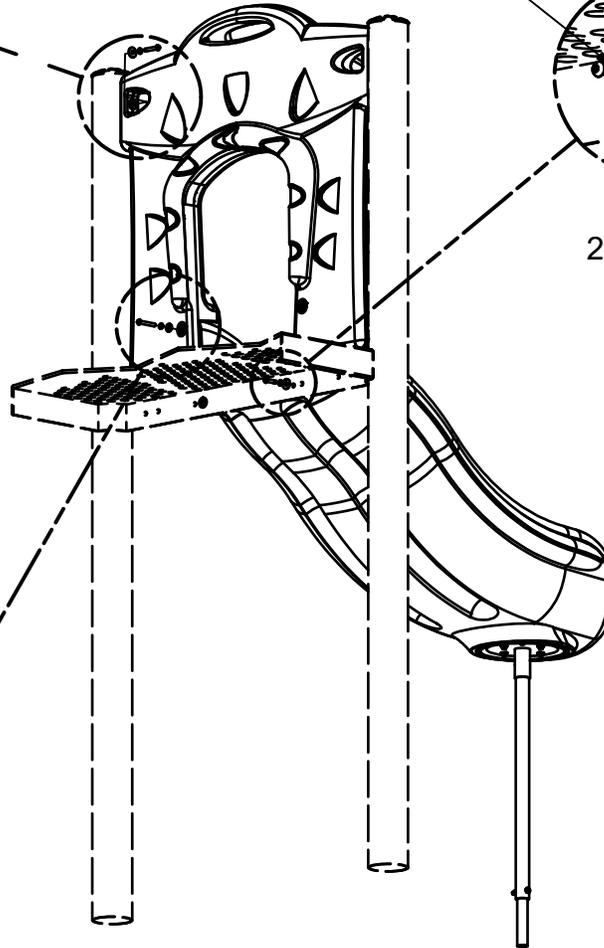
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

FOOTING DETAIL



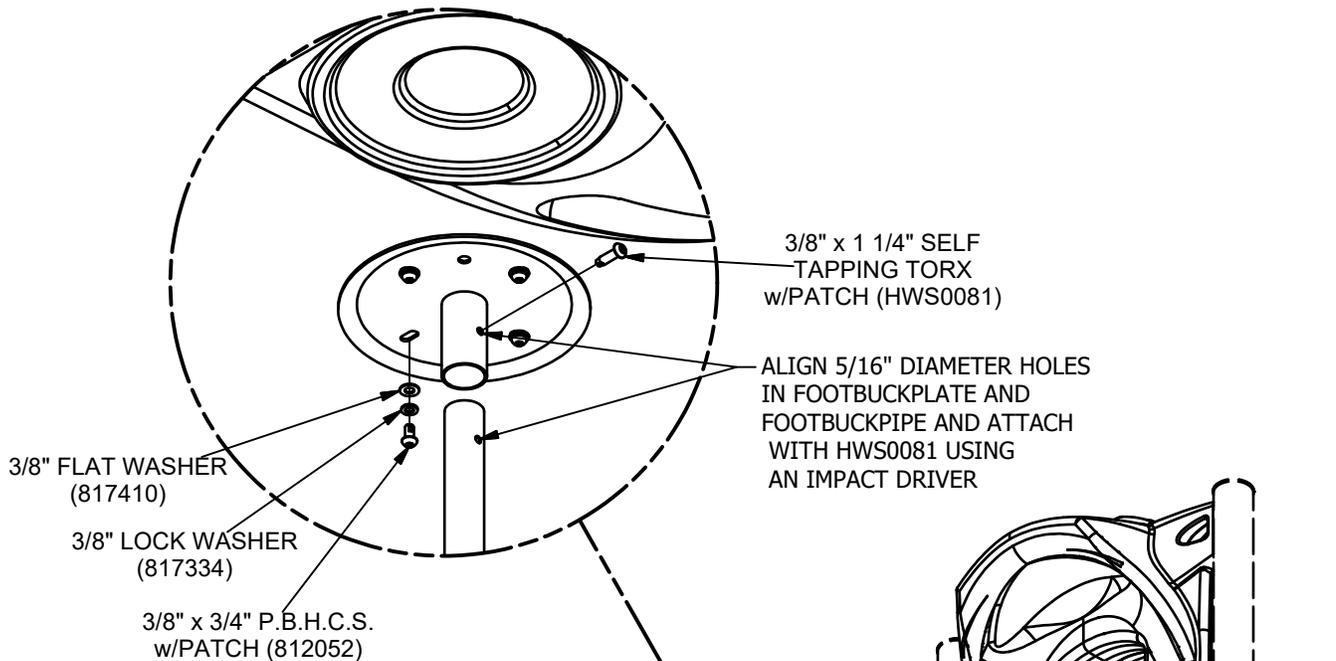
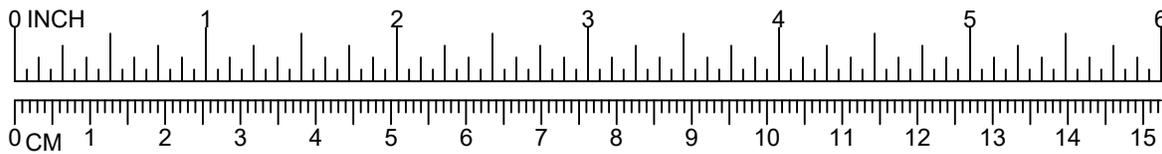
STEP 1
2 PLACES

STEP 2
2 PLACES



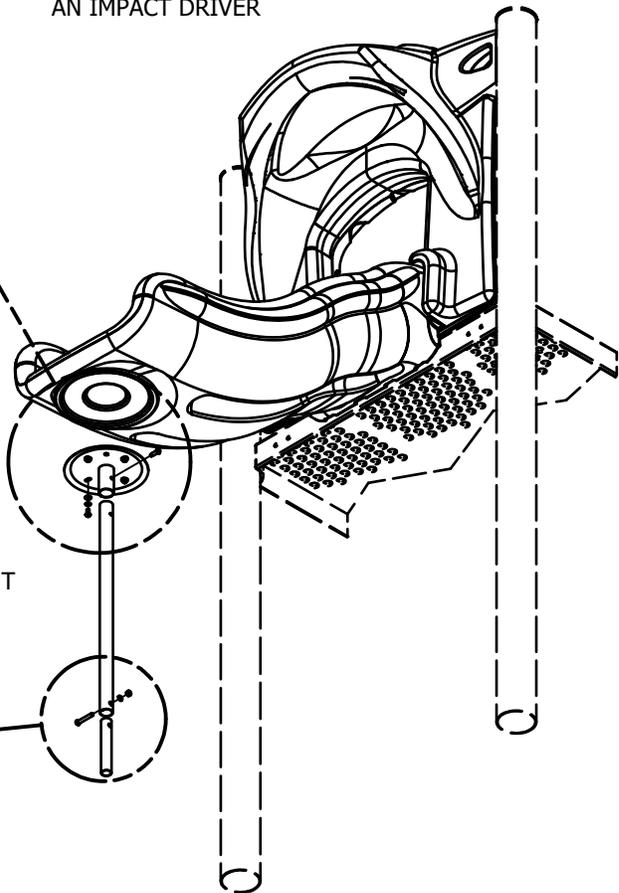
STEP 3
2 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



STEP 4

ATTACH FOOTBUCK
PLATE TO SLIDE AT ALL
(4) MOLDED-IN INSERTS
USING HARDWARE
SHOWN



STEP 5

ONLY REQUIRED FOR 3', 4'-6"
AND 5'-6" DECK HEIGHTS

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

Parts List					
DESCRIPTION	90503	90504	90505	90506	PART NUMBER
SINGLE ZIP SLIDE HOOD	1	1	1	1	203858
3' ZIP SLIDE	1	0	0	0	176399
4' ZIP SLIDE	0	1	0	0	176186
5' ZIP SLIDE	0	0	1	0	176187
6' ZIP SLIDE	0	0	0	1	176154
FOOTBUCK PLATE	1	1	1	1	223226
FOOTBUCK PIPE, 32"	1	1	1	0	223228
FOOTBUCK PIPE, 34 1/4"	0	0	0	1	223452
HARDWARE COMPLETE	0	0	0	1	223469
HARDWARE COMPLETE	1	1	1	0	223468
EXTENSION LEG	1	1	1	0	152110
3/8" x 3/4" P.B.H.C.S. w/PATCH	4	4	4	4	812052
3/8" LOCK WASHER	11	11	11	10	817334
3/8" FLAT WASHER	4	4	4	4	817410
3/8" FLAT WASHER (1 1/4" O.D.)	4	4	4	4	817424
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	2	2	2	812054
3/8" x 2 3/4" P.B.H.C.S. w/PATCH	2	2	2	2	812058
3/8" FLAT WASHER (1" O.D.)	2	2	2	2	817401
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	2	2	2	2	812056
3/8" x 2 1/2" HEX HEAD BOLT	1	1	1	0	801009
3/8" HEX NUT	1	1	1	0	804053
3/8" x 1 1/4" SELF TAPPING TORX w/PATCH	1	1	1	1	HWS0081

*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.

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MAINTENANCE PROCEDURE:

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- 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®

90507

GameTime®

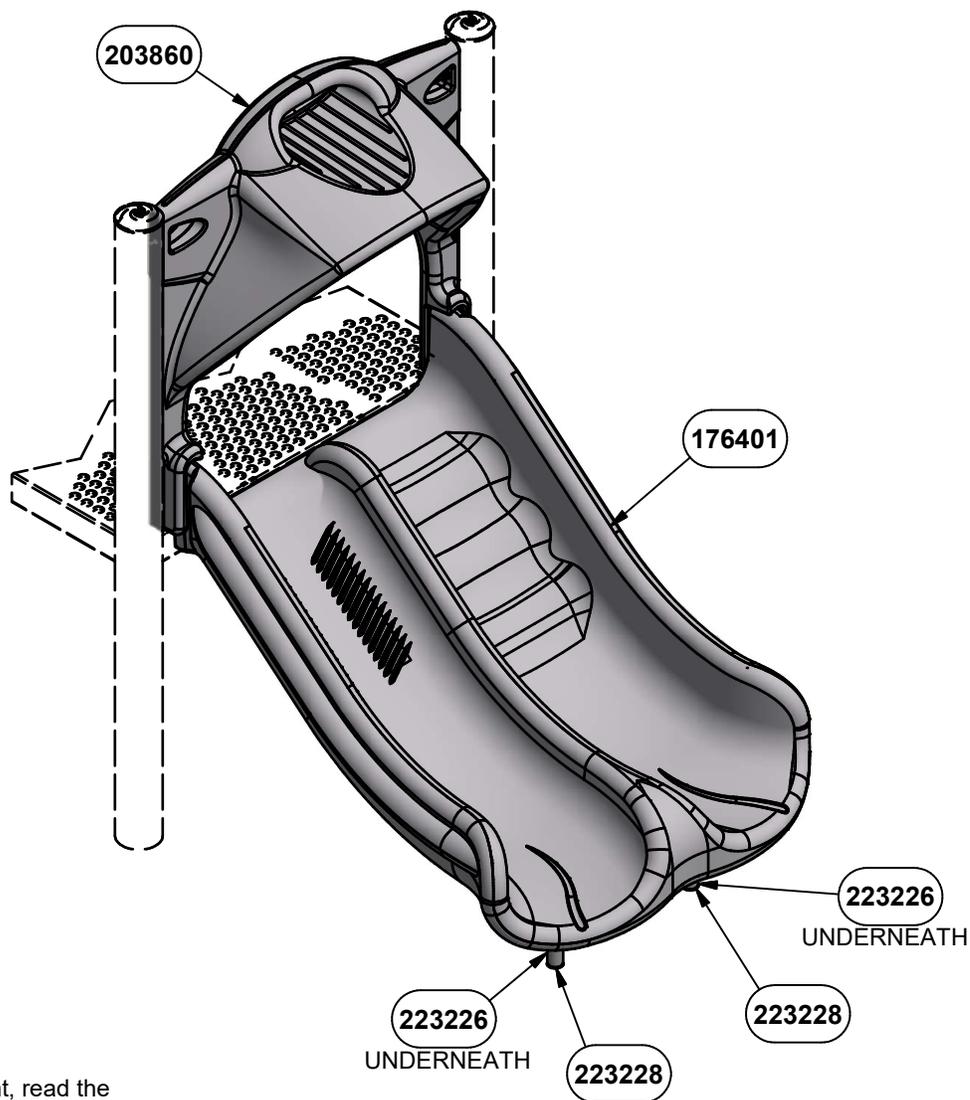
A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 03/05/24

RUMBLE AND ROLL ZIP SLIDE

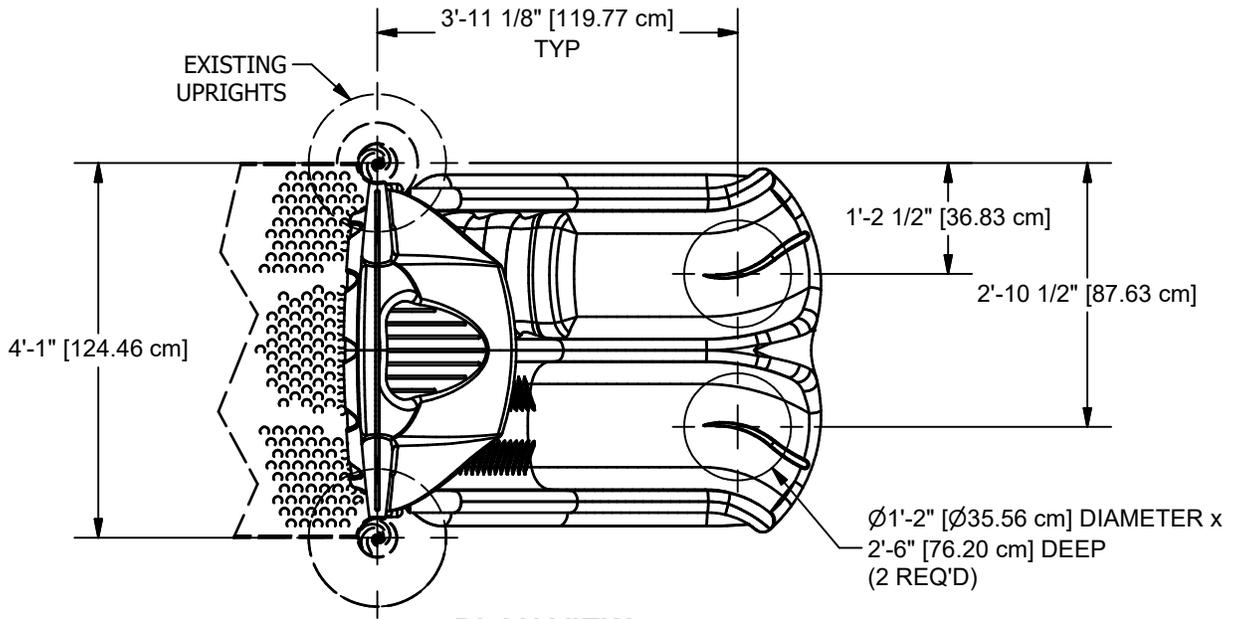
2'-6" & 3'-0" 90507



ASSEMBLY VIEW

INSTALLATION INSTRUCTIONS

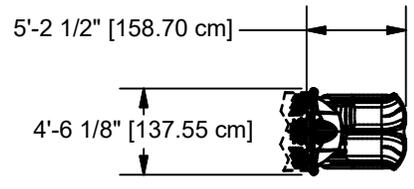
1. Before assembling this equipment, read the enclosed **INSTALLER INSTRUCTIONS** in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the **ASSEMBLY DRAWING**. Refer to the assembly details for the specific hardware required in each connection.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



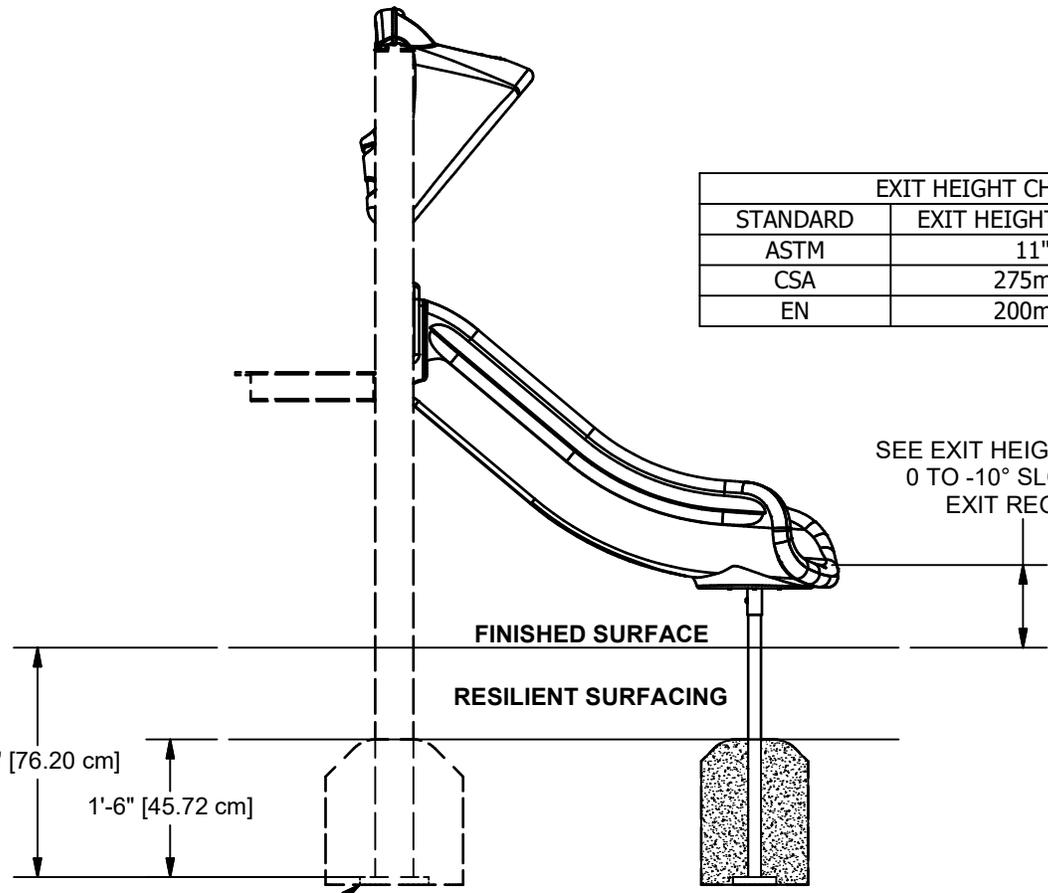
PLAN VIEW

CONCRETE REQUIRED:
 0.12 CUBIC YARDS
 [0.10 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.



TOP VIEW

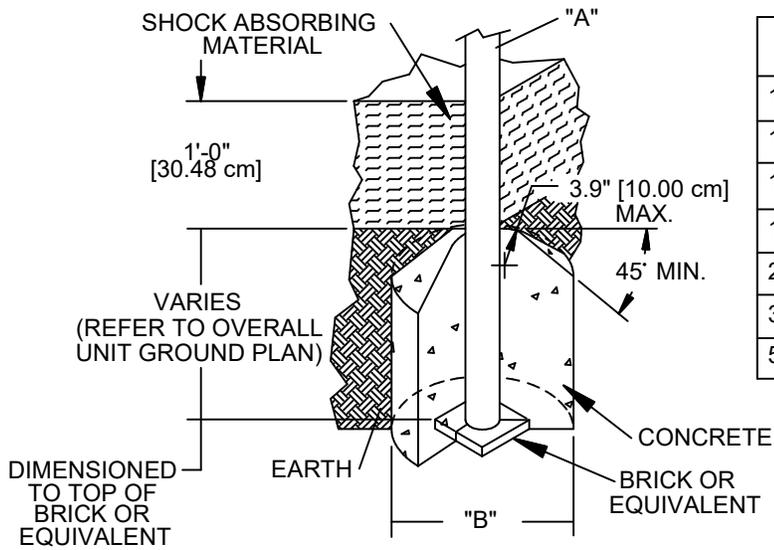


ELEVATION VIEW

EXIT HEIGHT CHART	
STANDARD	EXIT HEIGHT from SURFACING
ASTM	11" OR LESS
CSA	275mm OR LESS
EN	200mm OR LESS

SEE EXIT HEIGHT CHART
 0 TO -10° SLOPE ON
 EXIT REGION

BRICK OR EQUIVALENT
 (SUPPLIED BY OTHERS)



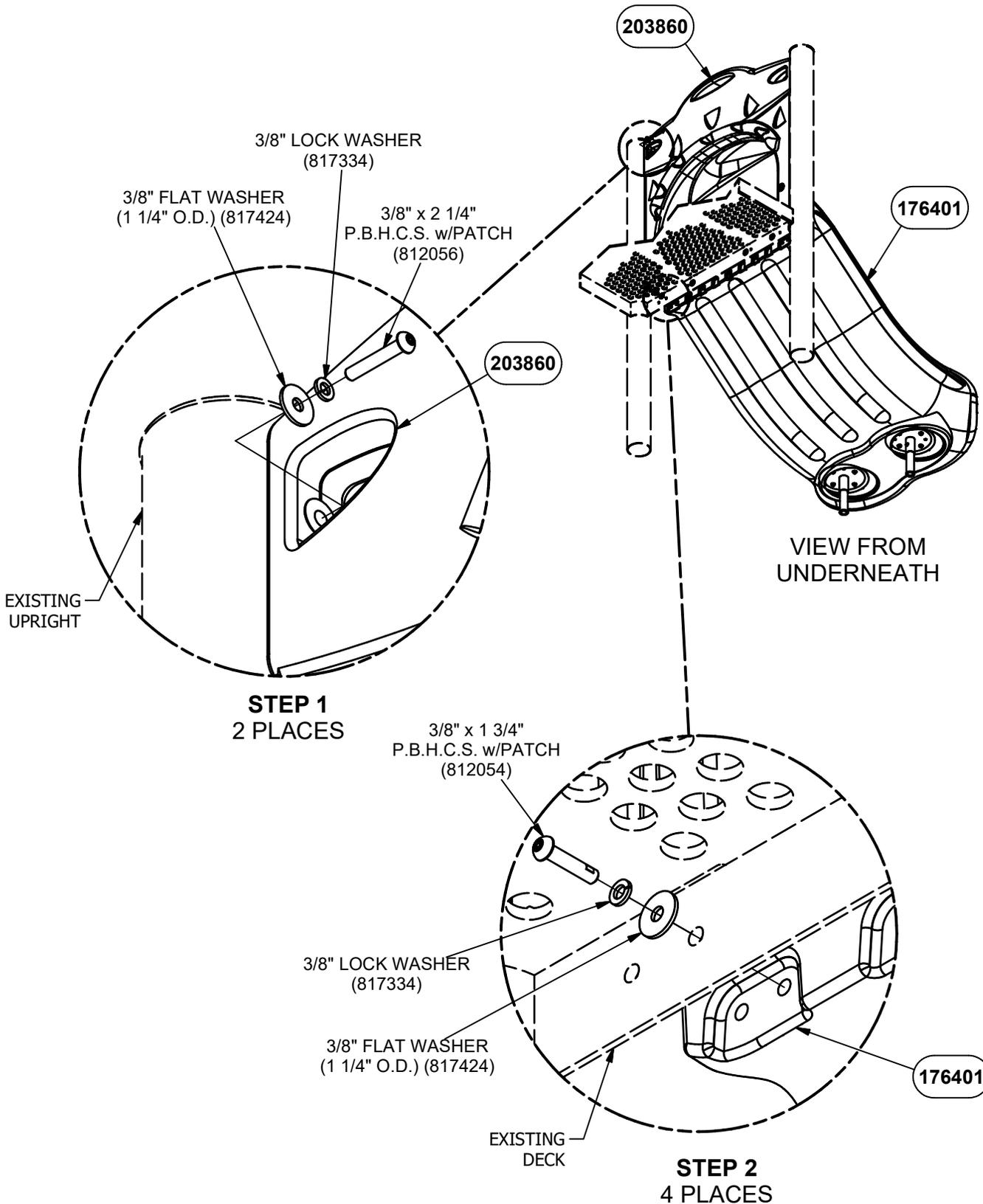
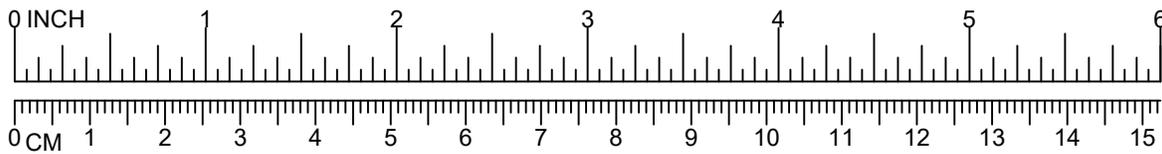
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]

NOTES:

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

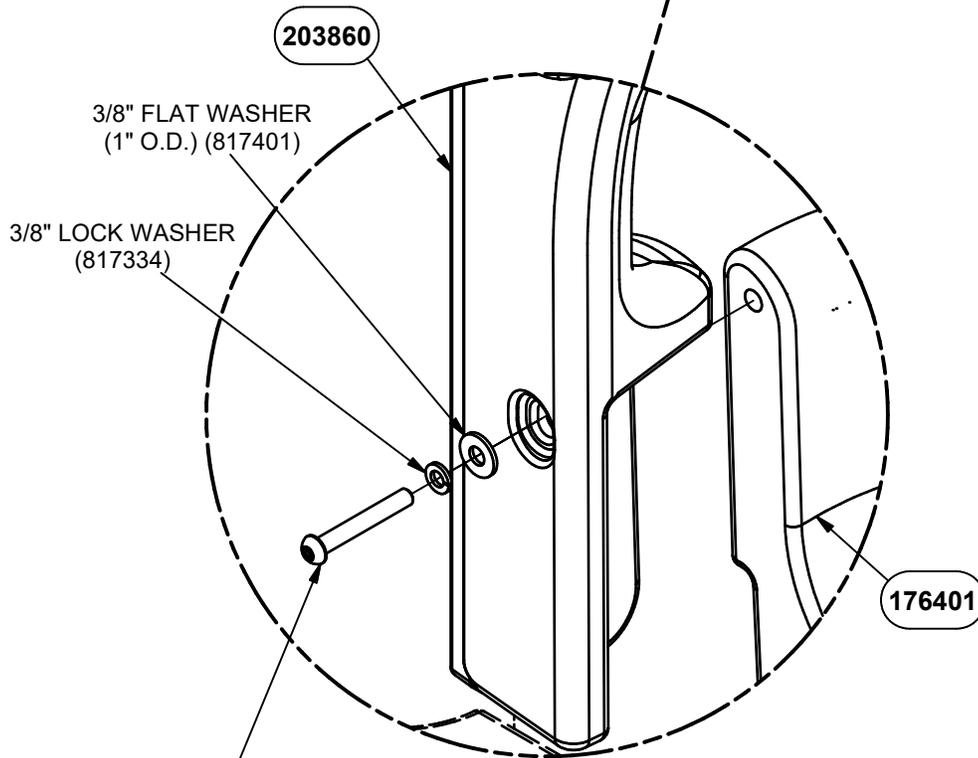
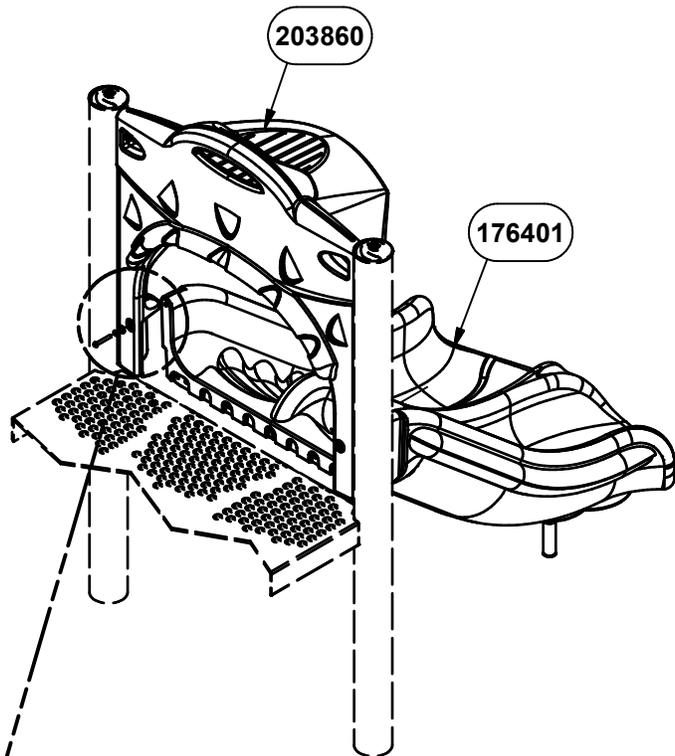
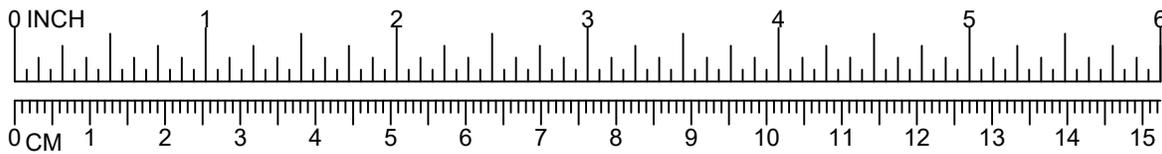
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

FOOTING DETAIL



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



3/8" FLAT WASHER
(1" O.D.) (817401)

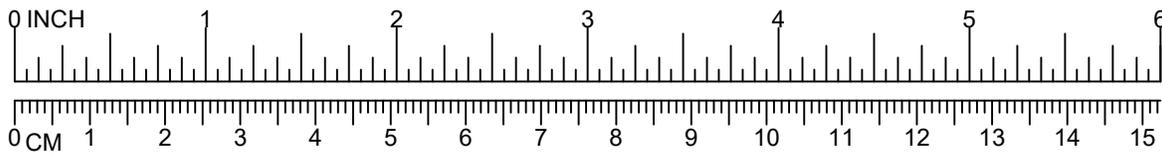
3/8" LOCK WASHER
(817334)

3/8" x 2 3/4"
P.B.H.C.S. w/PATCH
(812058)

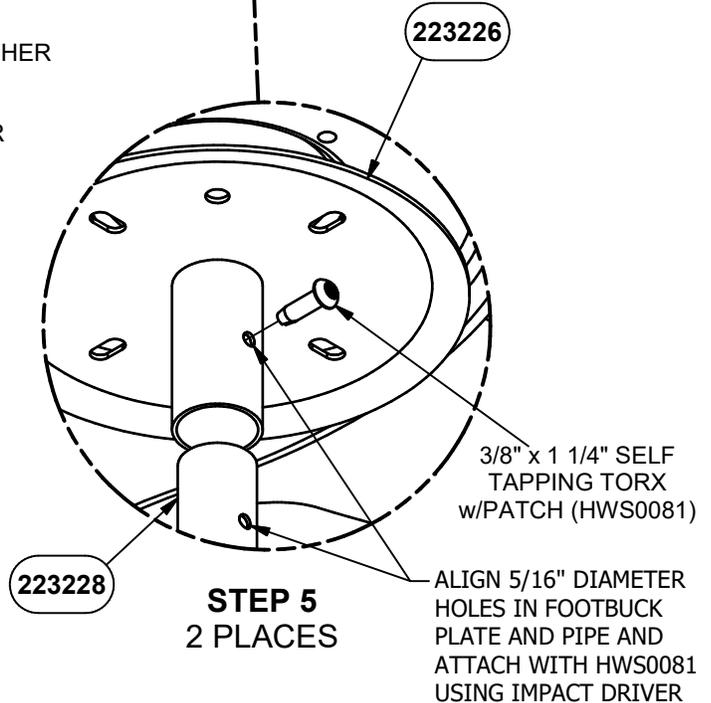
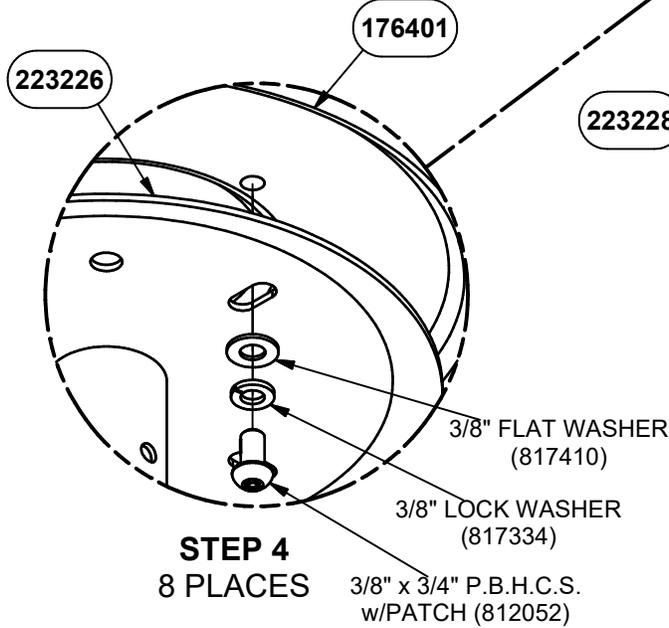
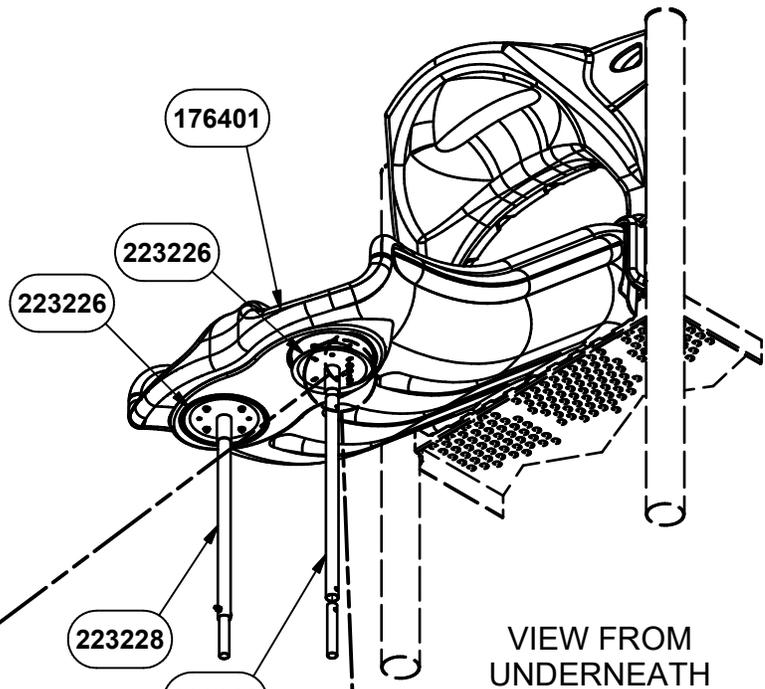
STEP 3
2 PLACES

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

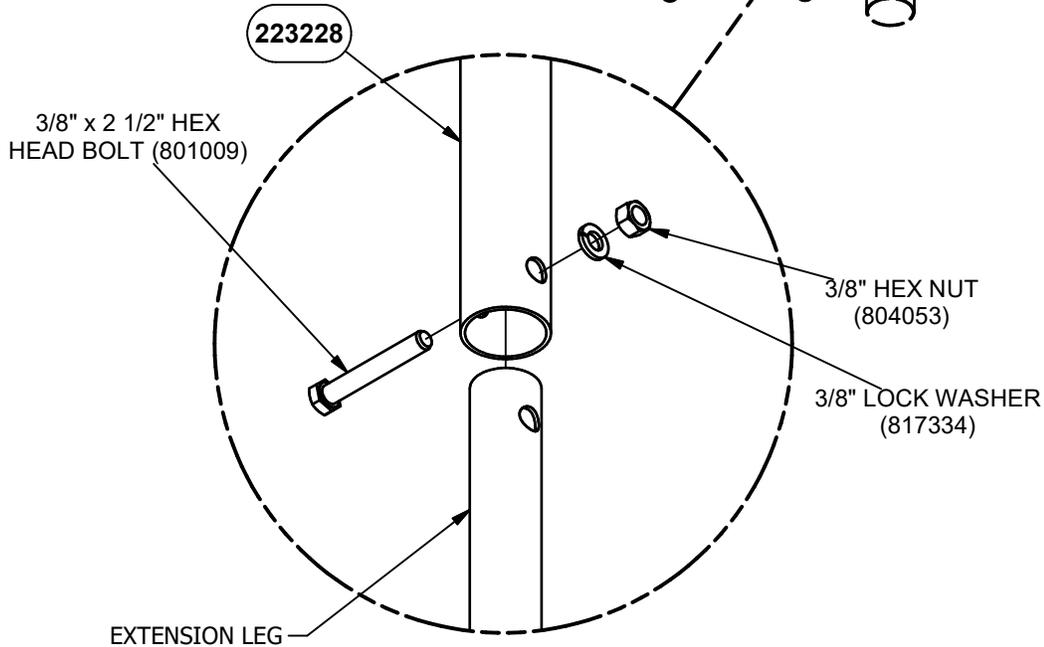
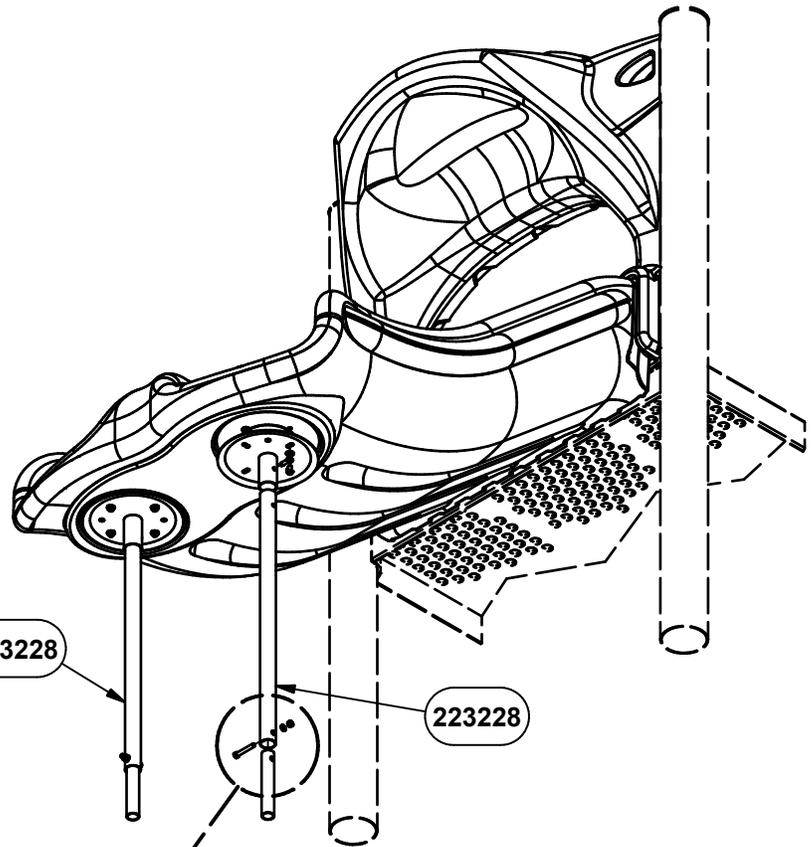
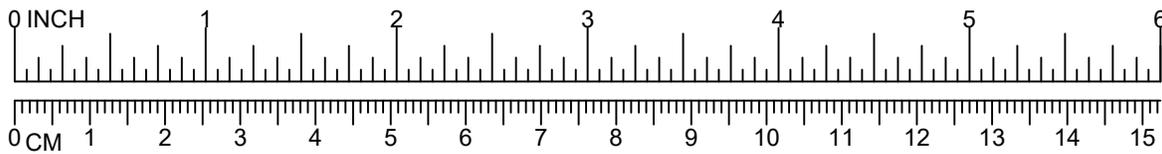


ATTACH FOOTBUCK
 PLATE TO SLIDE AT ALL
 (4) MOLDED-IN INSERTS
 USING HARDWARE SHOWN



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
 STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW



STEP 6
2 PLACES
ONLY REQUIRED
FOR 3' DECK

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
DOUBLE ZIP SLIDE HOOD	1	203860
3' RUMBLE & ROLL SLIDE	1	176401
FOOTBUCK PLATE	2	223226
FOOTBUCK PIPE, 32"	2	223228
HARDWARE COMPLETE	1	224095
EXTENSION LEG	2	152110*
3/8" x 3/4" P.B.H.C.S. w/PATCH	8	812052*
3/8" x 1 1/4" SELF TAPPING TORX w/PATCH	2	HWS0081*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	4	812054*
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	2	812056*
3/8" x 2 1/2" HEX HEAD BOLT	2	801009*
3/8" x 2 3/4" P.B.H.C.S. w/PATCH	2	812058*
3/8" FLAT WASHER (1" O.D.)	2	817401*
3/8" FLAT WASHER (1 1/4" O.D.)	6	817424*
3/8" FLAT WASHER	8	817410*
3/8" LOCK WASHER	18	817334*
3/8" HEX NUT	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.

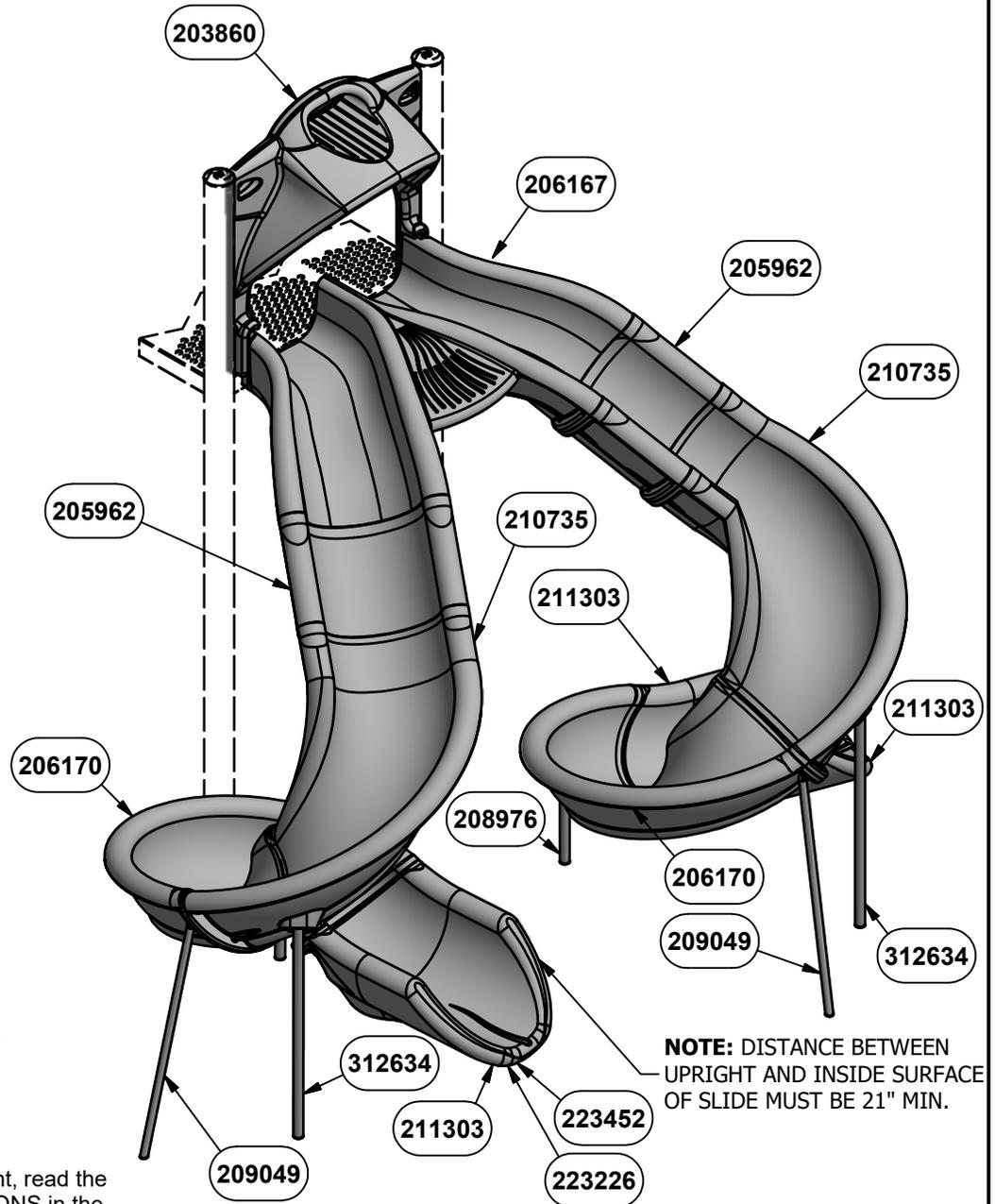
Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.

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

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.

DOUBLE TWIN SPIRAL WILDERSLIDE II



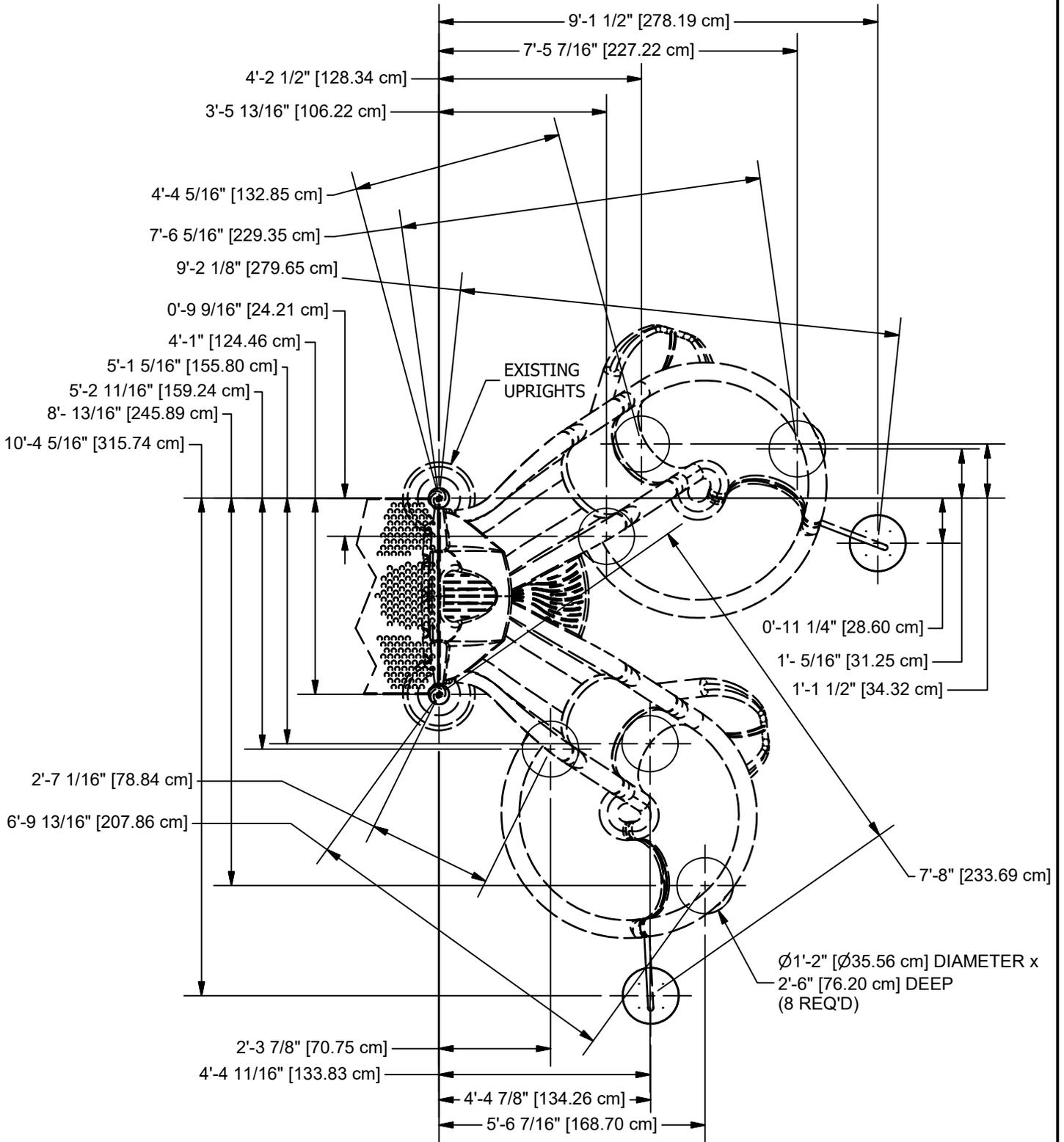
NOTE: CHECK SLIDE EXIT FOR PROPER WATER DRAINAGE BEFORE CONCRETE IS APPLIED

NOTE: DISTANCE BETWEEN UPRIGHT AND INSIDE SURFACE OF SLIDE MUST BE 21" MIN.

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.**

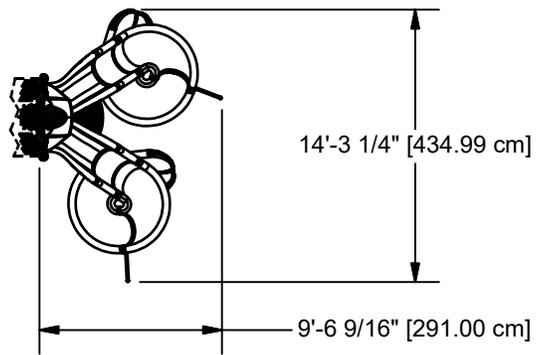
ASSEMBLY VIEW



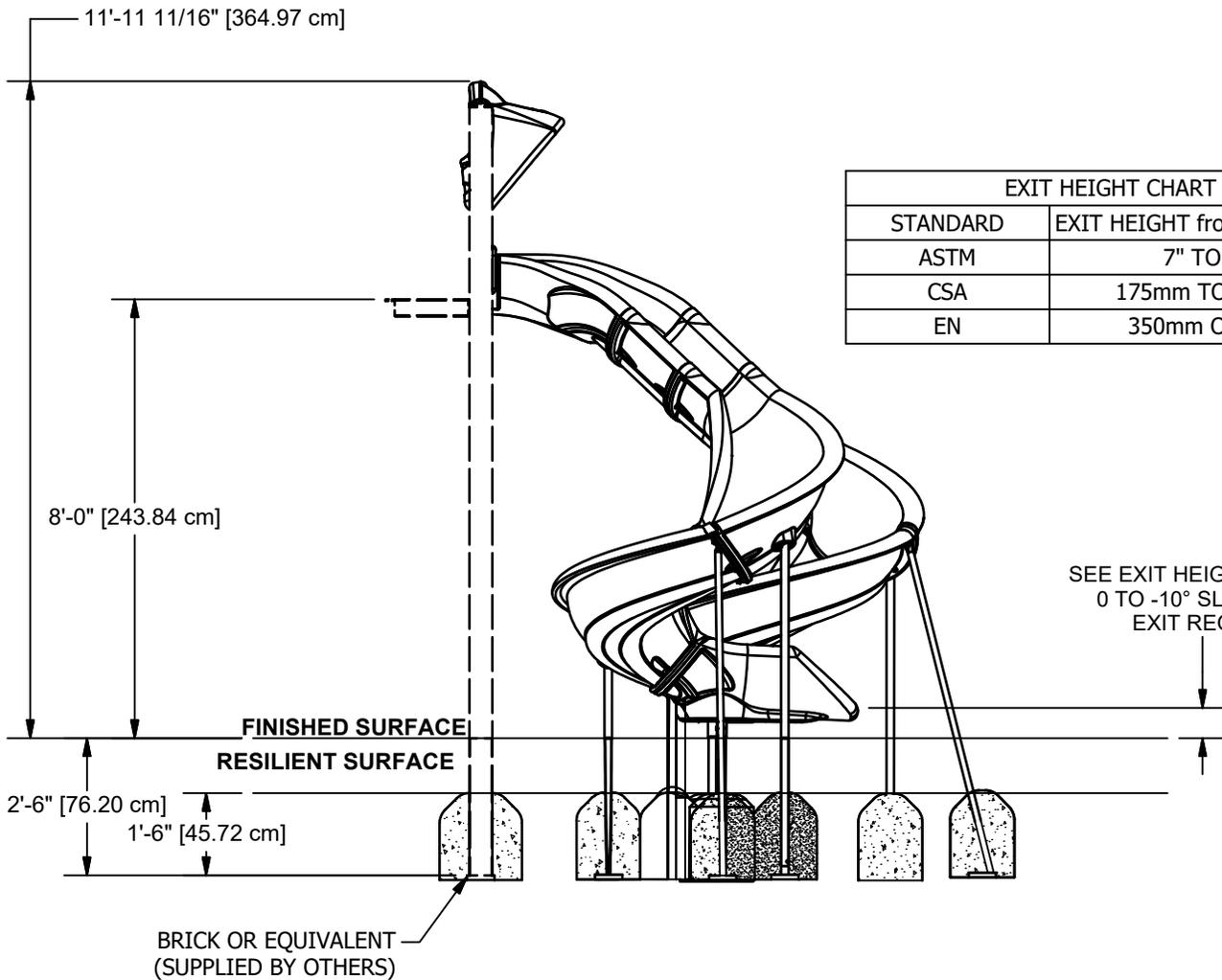
PLAN VIEW

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:
.48 CUBIC YARDS
[.36 CUBIC METERS]



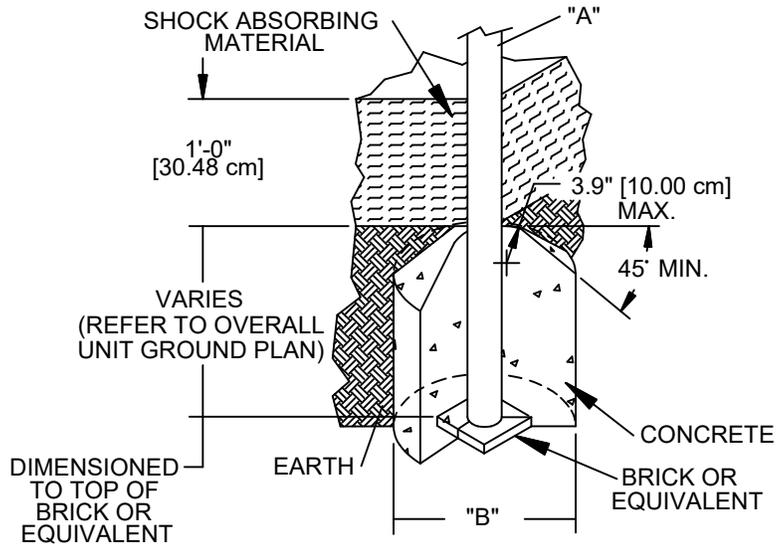
TOP VIEW



EXIT HEIGHT CHART	
STANDARD	EXIT HEIGHT from SURFACING
ASTM	7" TO 15"
CSA	175mm TO 380mm
EN	350mm OR LESS

SEE EXIT HEIGHT CHART
0 TO -10° SLOPE ON
EXIT REGION

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

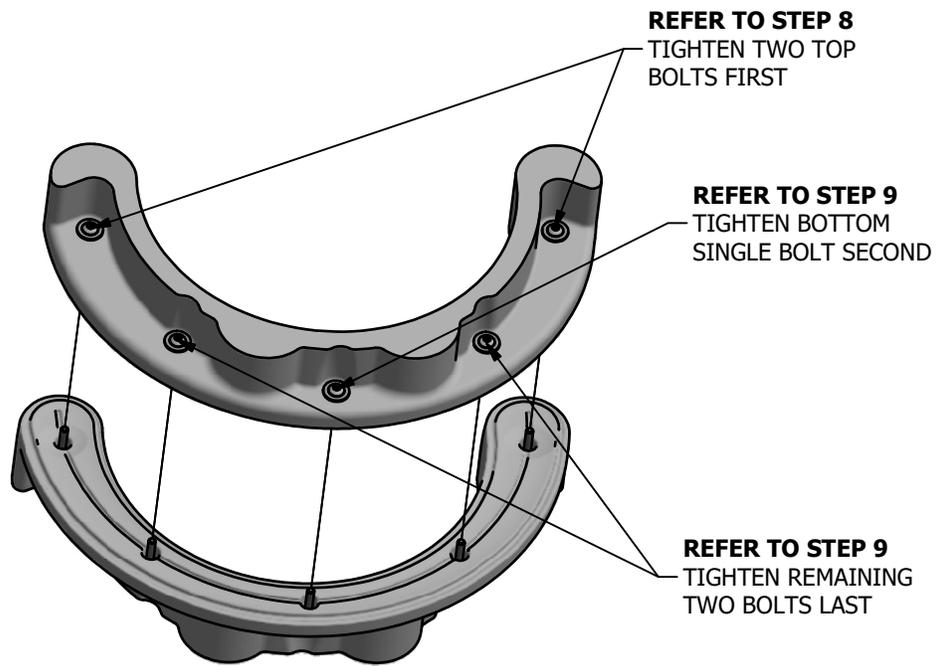


FIGURE #1

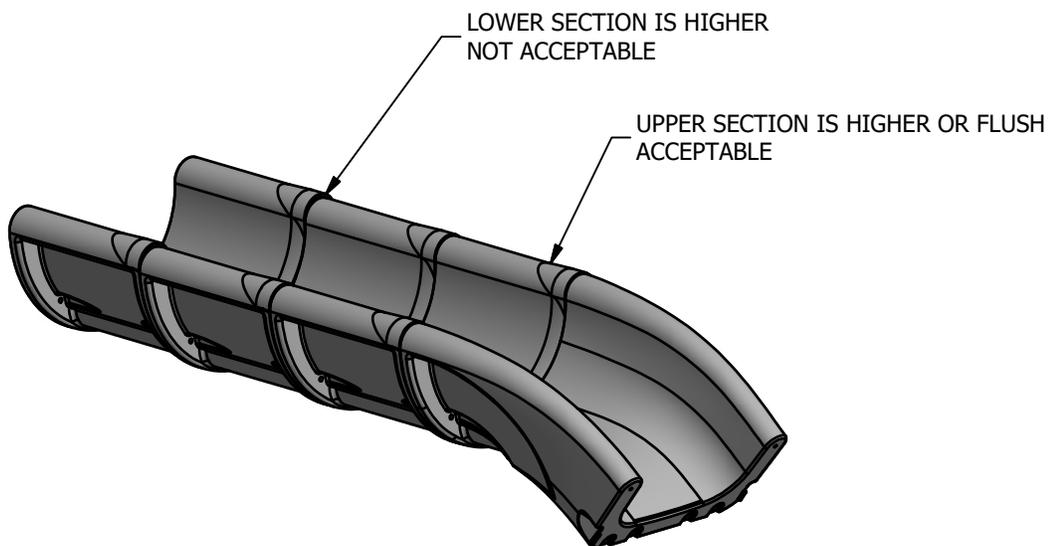
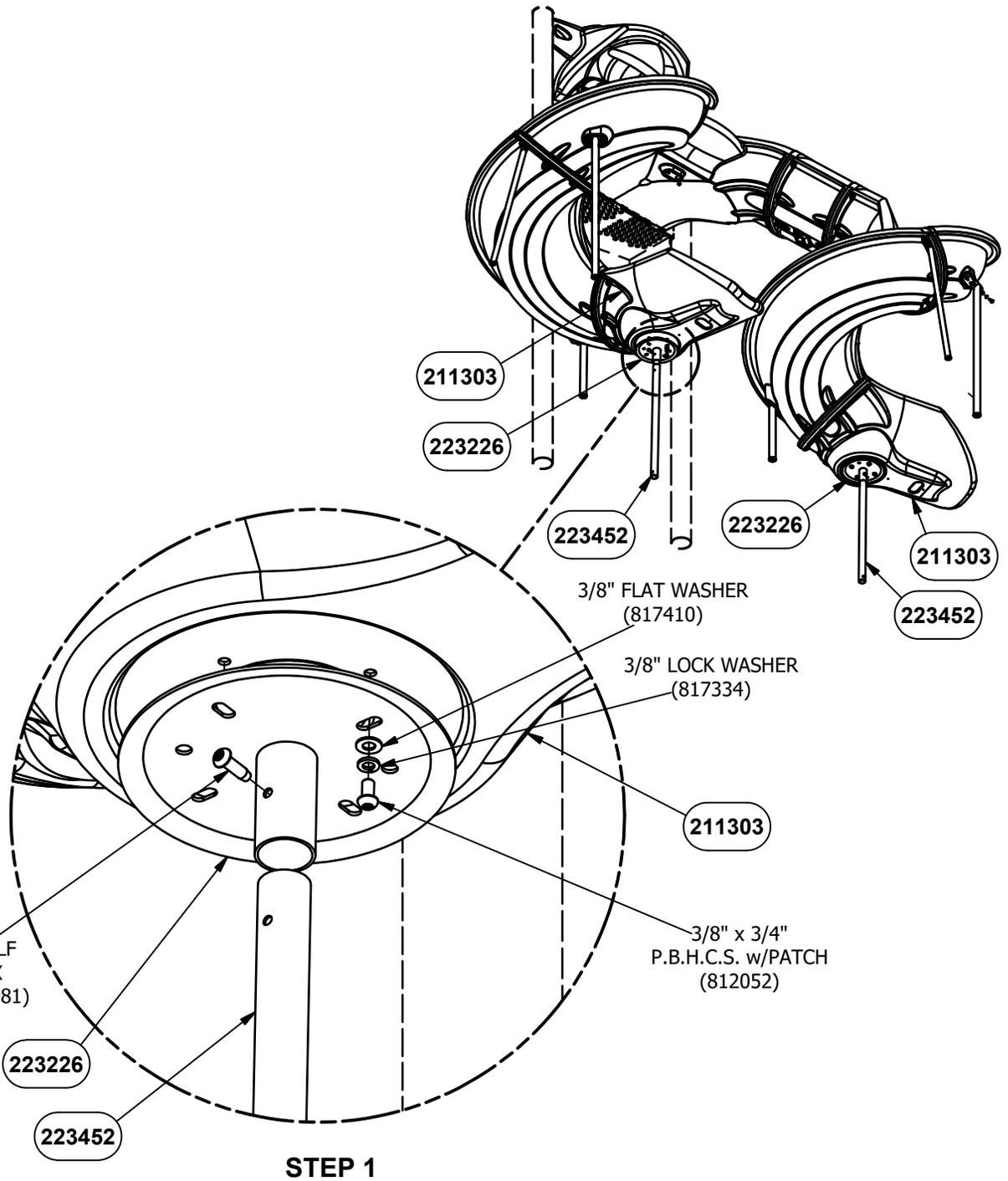
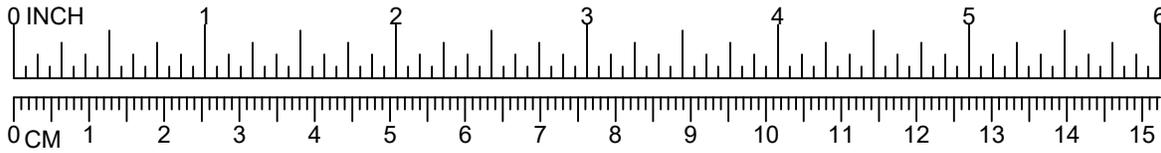
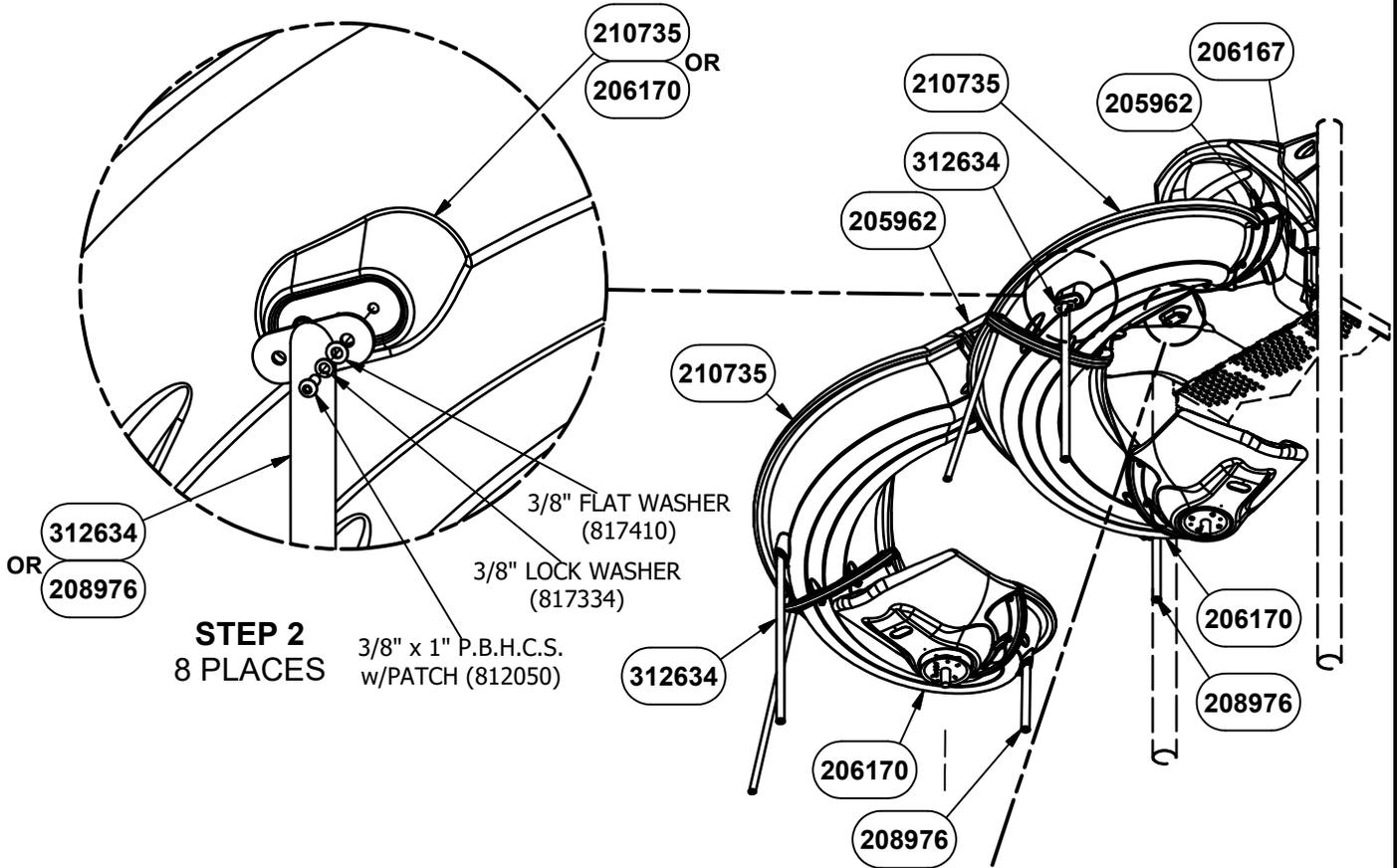
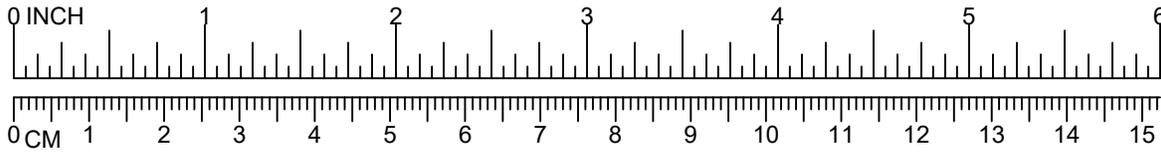


FIGURE #2

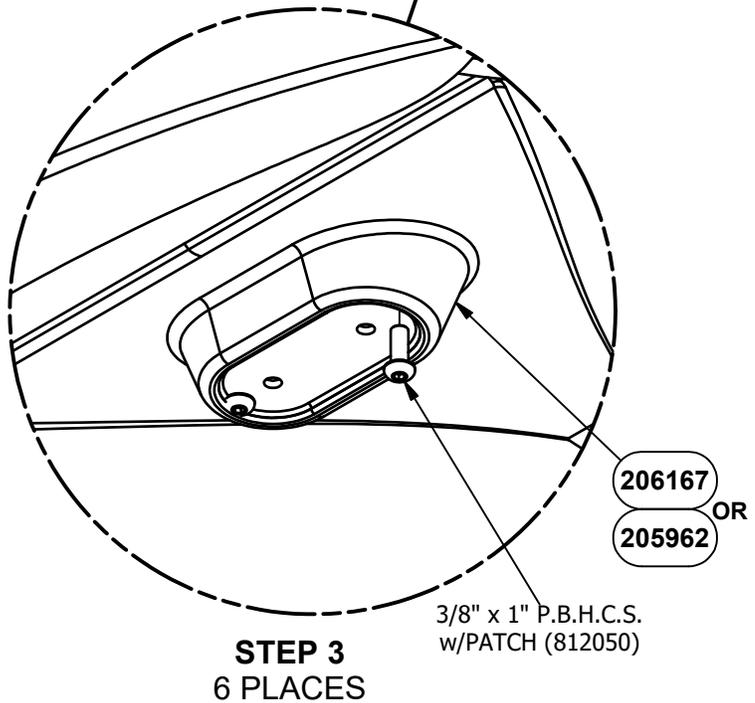


DETAIL VIEW

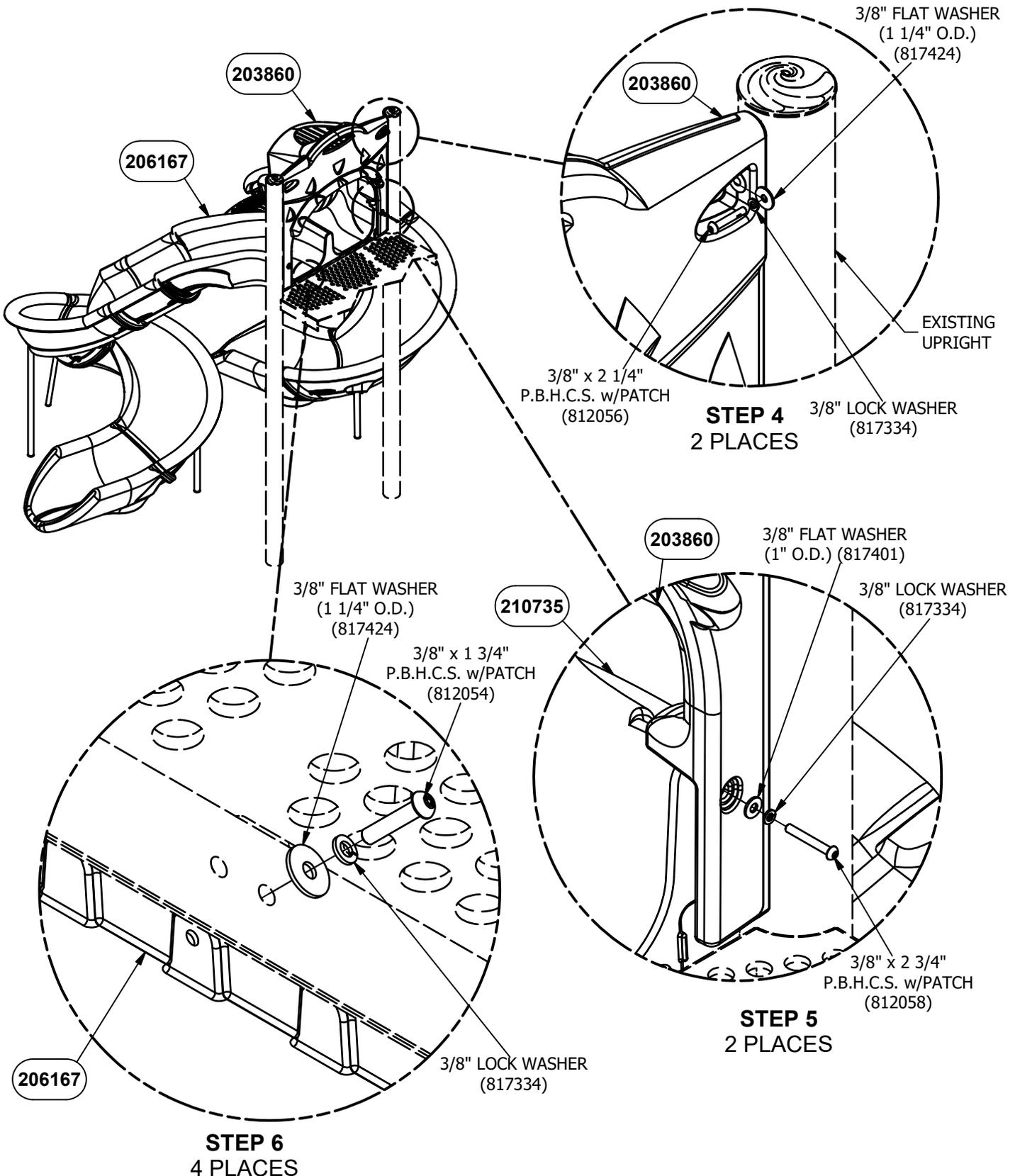
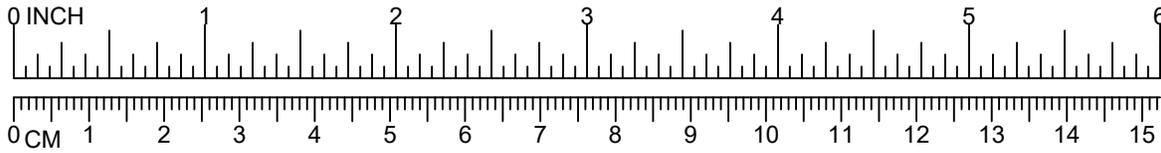
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



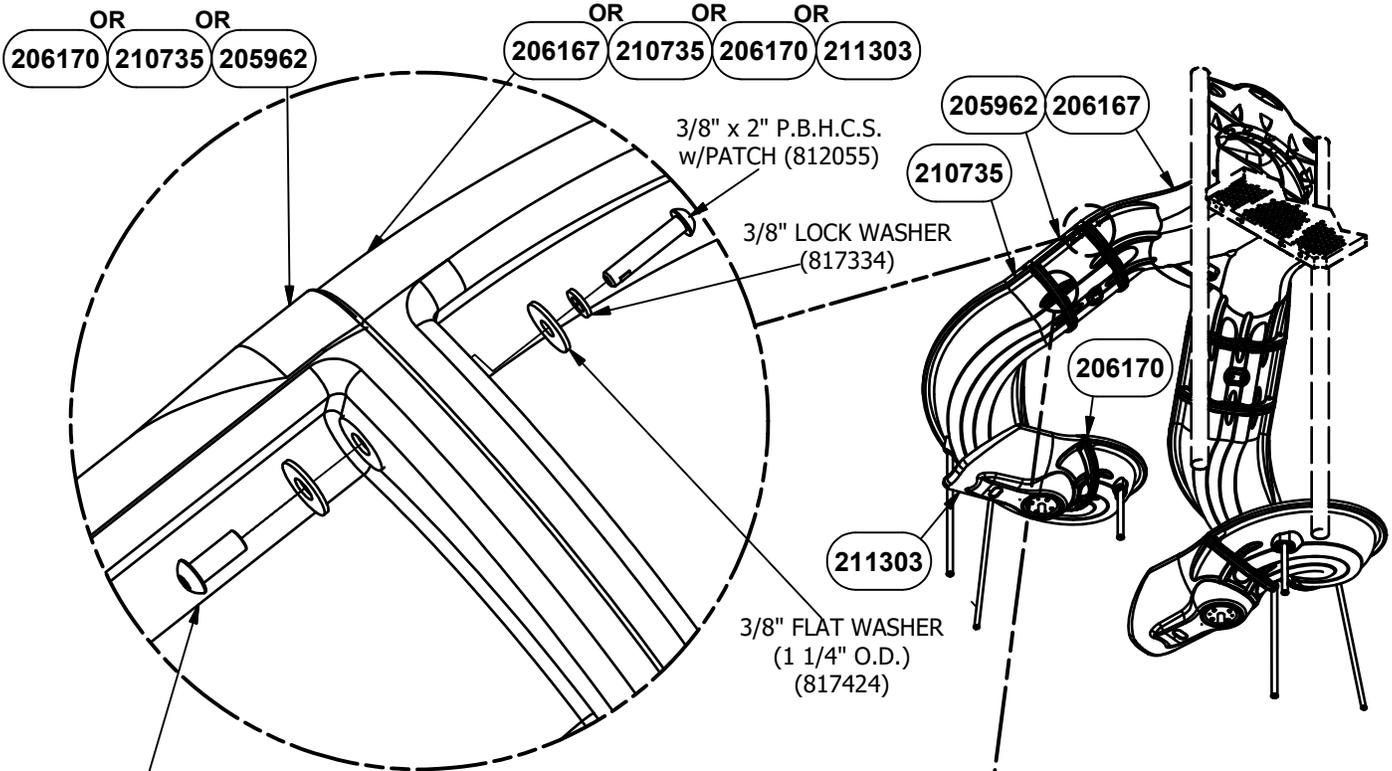
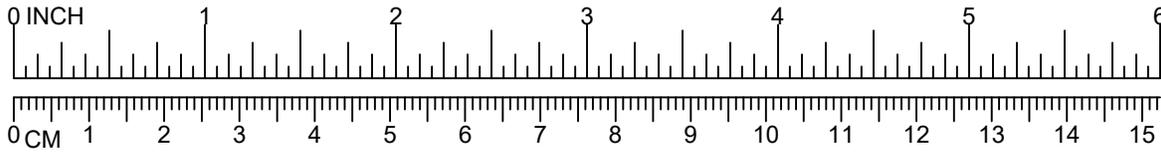
**REFER TO ASSEMBLY
VIEWS FOR PROPER
SLIDE SECTION
PLACEMENT**



**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

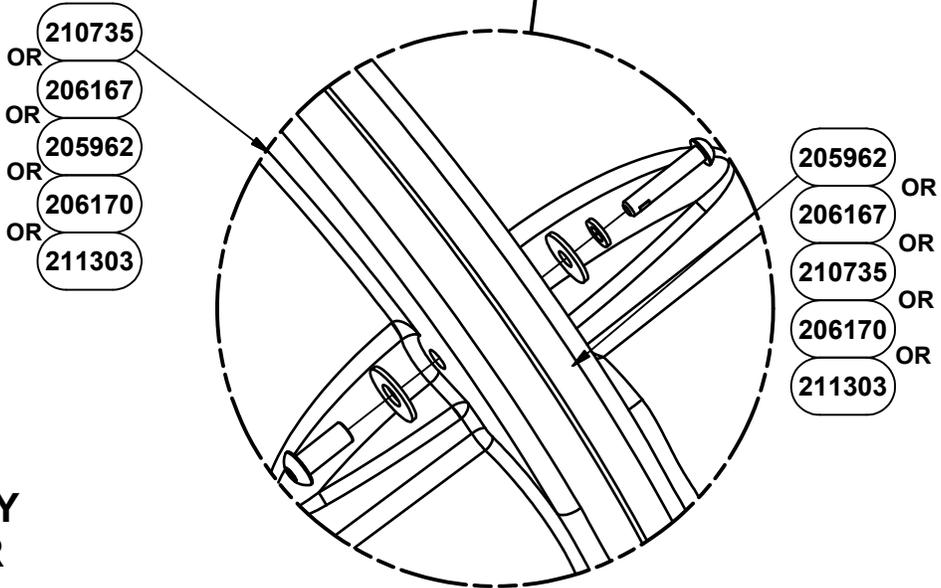


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



STEP 7
16 PLACES

STRAIGHT SECTION
(205962)



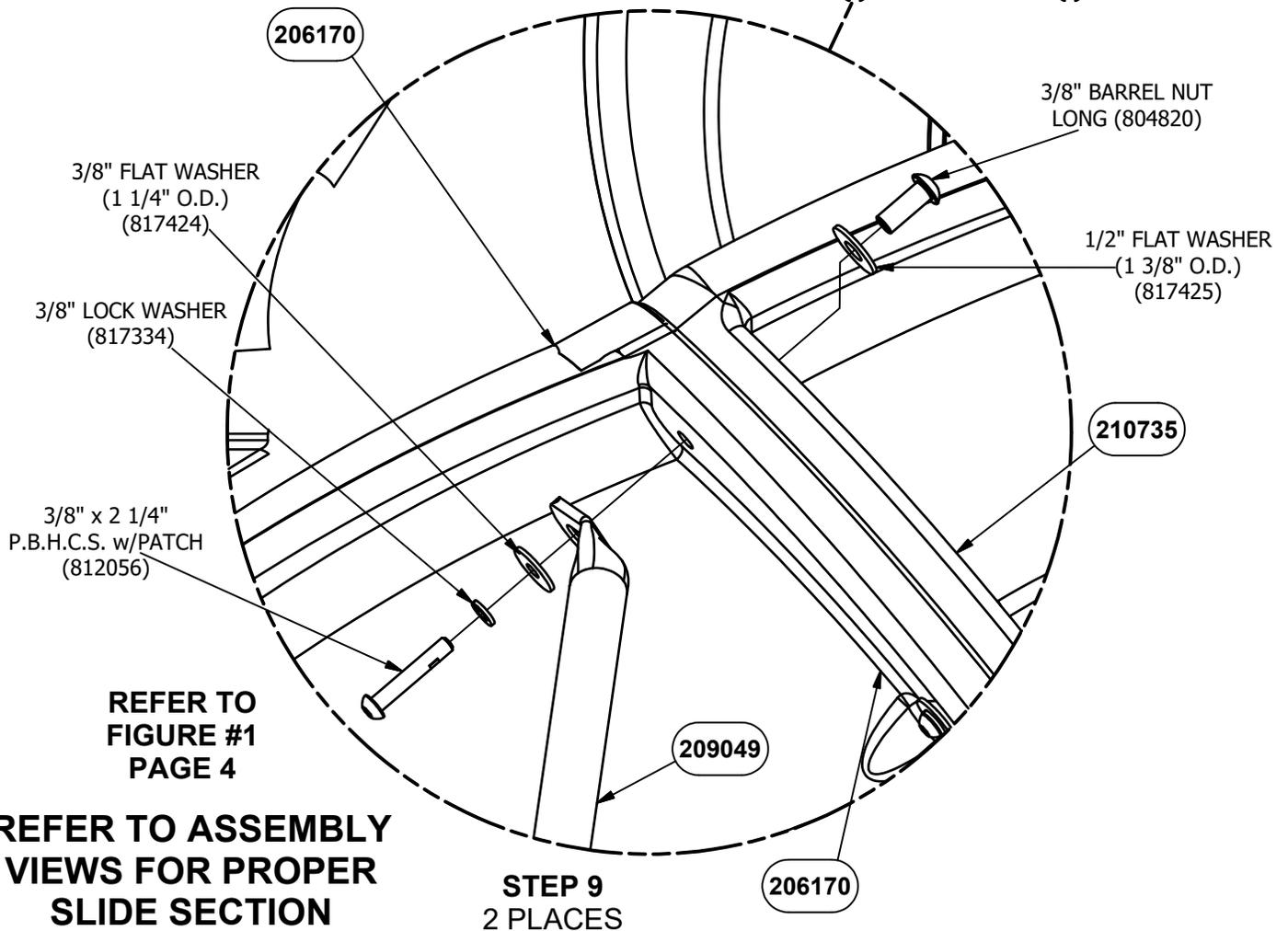
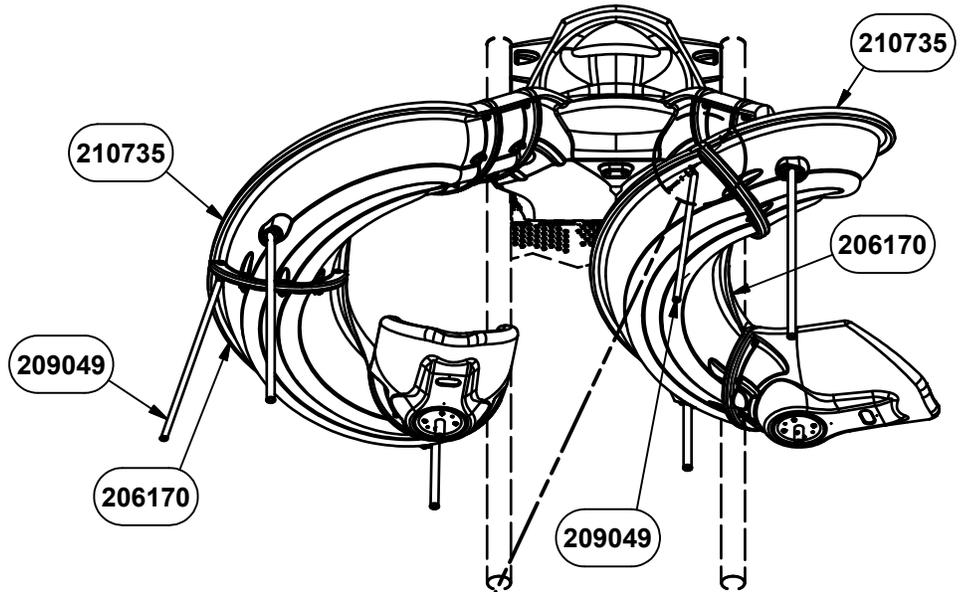
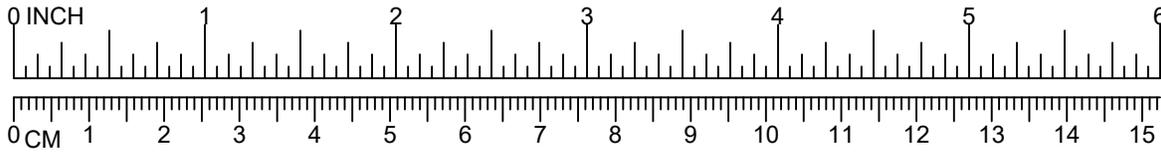
STEP 8
22 PLACES

DETAIL VIEW

REFER TO
FIGURE #1
PAGE 4

**REFER TO ASSEMBLY
VIEWS FOR PROPER
SLIDE SECTION
PLACEMENT**

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



REFER TO
FIGURE #1
PAGE 4

REFER TO ASSEMBLY
VIEWS FOR PROPER
SLIDE SECTION
PLACEMENT

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
DOUBLE ZIP SLIDE HOOD	1	203860
DOUBLE ENTRANCE SECTION	1	206167
STRAIGHT SECTION	2	205962
HELIX SPIRAL 140 DEGREES	2	210735
HELIX SPIRAL	2	206170
EXIT SECTION	2	211303
FOOTBUCK PLATE	2	223226
SUPPORT ASS'Y 1	2	312634
SUPPORT WELD ASS'Y	2	208976
OUTRIGGER	2	209049
FOOTBUCK PIPE, 34 1/4"	2	223452
HARDWARE COMPLETE	1	223363
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	14	812050*
3/8" x 1 1/4" SELF TAPPING TORX w/PATCH	2	HWS0081*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	4	812054*
3/8" x 2" P.B.H.C.S. w/PATCH	38	812055*
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	4	812056*
3/8" x 2 3/4" P.B.H.C.S. w/PATCH	2	812058*
3/8" LOCK WASHER	64	817334*
3/8" FLAT WASHER (1" O.D.)	2	817401*
3/8" FLAT WASHER	16	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	47	817424*
3/8" BARREL NUT LONG	40	804820*
1/2" FLAT WASHER (1 3/8" O.D.)	41	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.

PowerScape®

GameTime®

A PLAYCORE Company

1-800-235-2440

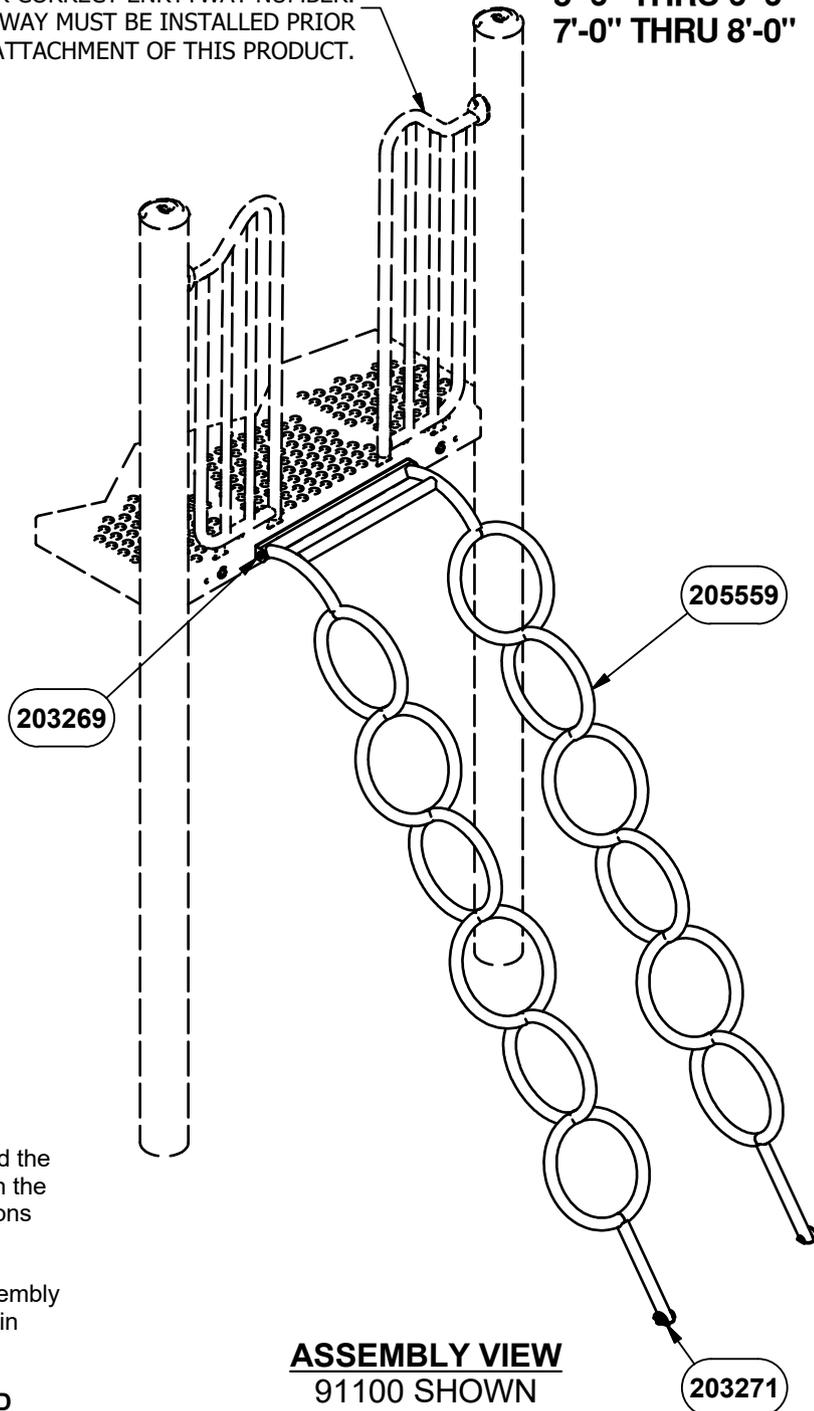
ISSUED/REVISED: 9/27/2023

91097 DOUBLE BUBBLE CLIMBER



REFER TO MODULAR EQUIPMENT TOP VIEW FOR CORRECT ENTRYWAY NUMBER. ENTRYWAY MUST BE INSTALLED PRIOR TO ATTACHMENT OF THIS PRODUCT.

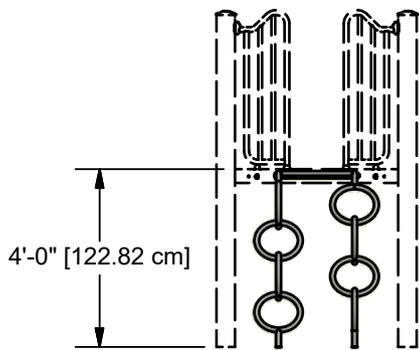
4'-0" THRU 5'-0"	91097
5'-6" THRU 6'-6"	91100
7'-0" THRU 8'-0"	91103



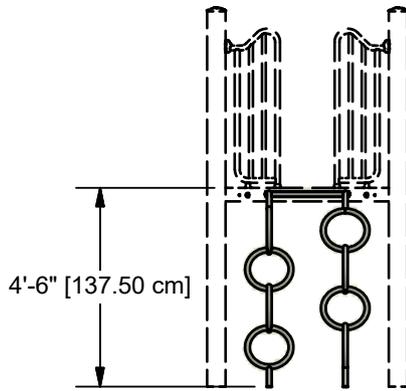
INSTALLATION INSTRUCTIONS

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.**

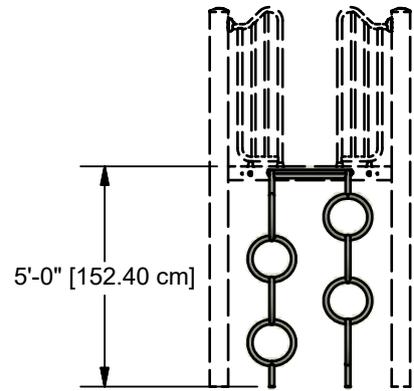
ASSEMBLY VIEW
91100 SHOWN



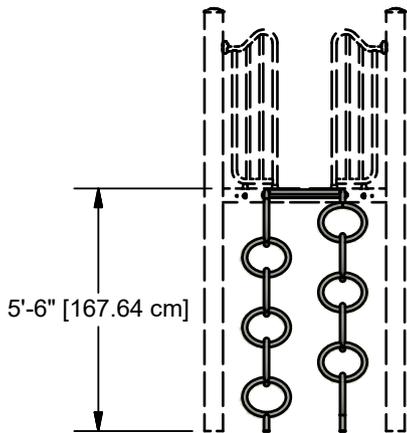
4'-0" VIEW
91097



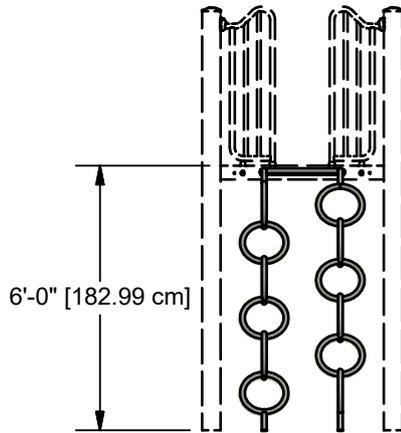
4'-6" VIEW
91097



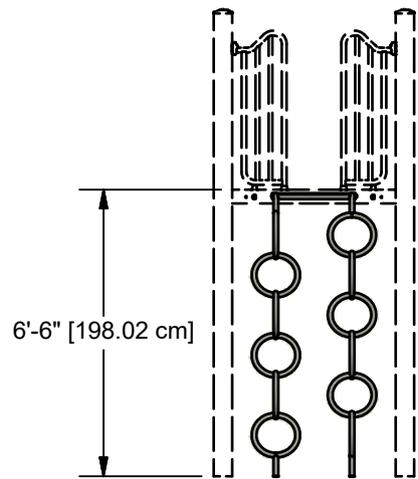
5'-0" VIEW
91097



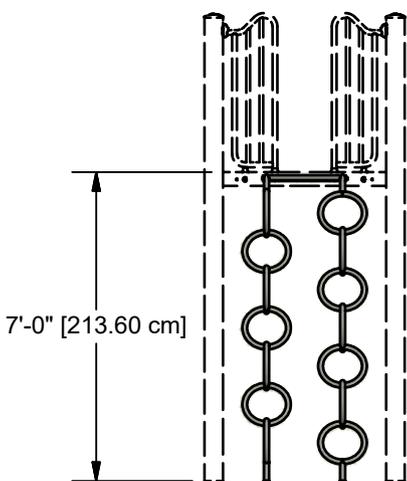
5'-6" VIEW
91100



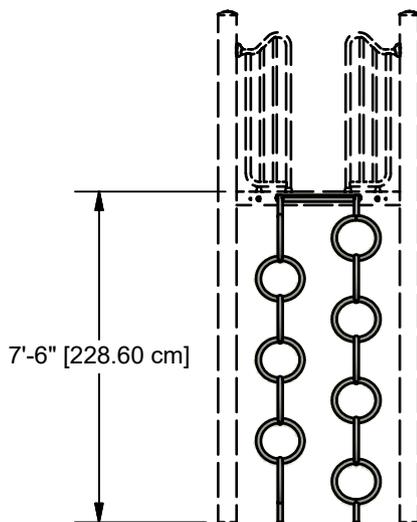
6'-0" VIEW
91100



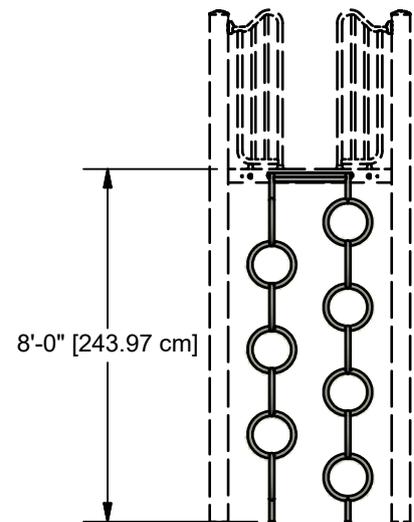
6'-6" VIEW
91100



7'-0" VIEW
91103

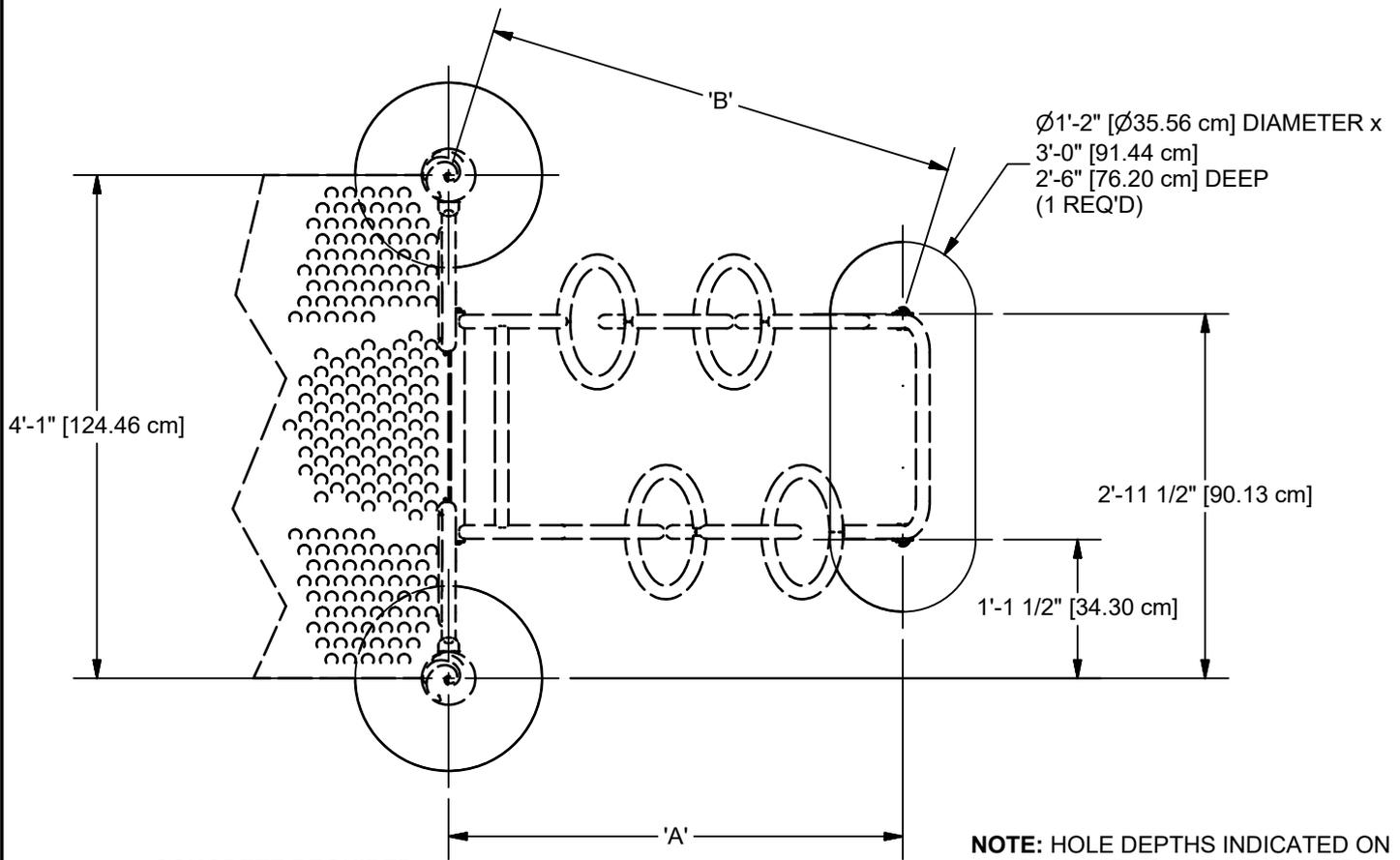


7'-6" VIEW
91103



8'-0" VIEW
91103

**DECK HEIGHT
ELEVATIONS**

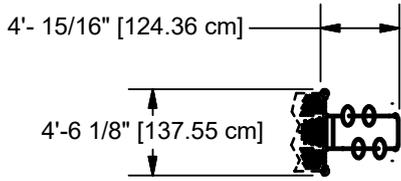


CONCRETE REQUIRED:
.19 CUBIC YARDS
[.15 CUBIC METERS]

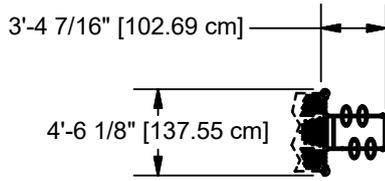
PLAN VIEW

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.

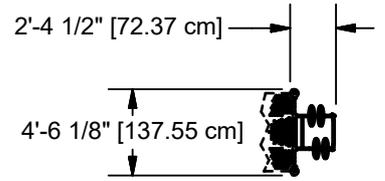
TABLE			
PRODUCT #	DECK HEIGHT	'A'	'B'
91097	4'-0"	3'-8" [111.25 cm]	3'-10" [116.43 cm]
	4'-6"	2'-11 1/2" [90.73 cm]	3'-2" [97.00 cm]
	5'-0"	1'-11 1/2" [59.96 cm]	2'-3" [69.09 cm]
91100	5'-6"	4'-11 1/2" [150.70 cm]	5'-1" [154.56 cm]
	6'-0"	4'-3" [129.90 cm]	4'-5" [134.36 cm]
	6'-6"	3'-5" [103.89 cm]	3'-7" [109.41 cm]
91103	7'-0"	4'-6" [137.42 cm]	4'-8" [141.65 cm]
	7'-6"	3'-6 1/2" [107.35 cm]	3'-8 1/2" [112.71 cm]
	8'-0"	2'-1 1/2" [64.55 cm]	2'-5" [73.11 cm]



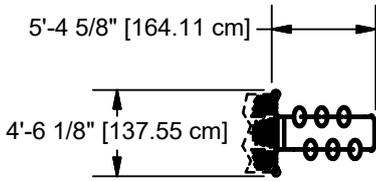
**91097
4'-0" DECK**



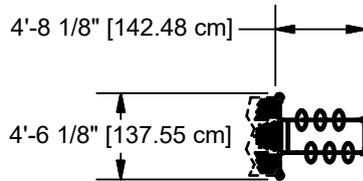
**91097
4'-6" DECK**



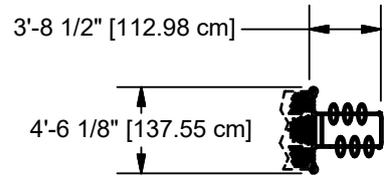
**91097
5'-0" DECK**



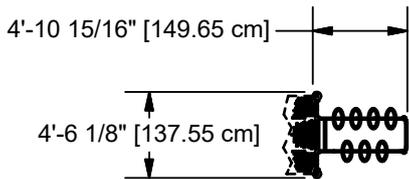
**91100
5'-6" DECK**



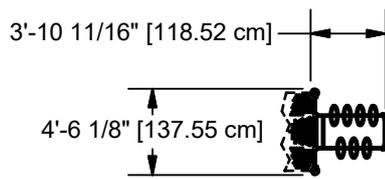
**91100
6'-0" DECK**



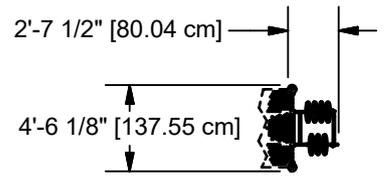
**91100
6'-6" DECK**



**91103
7'-0" DECK**

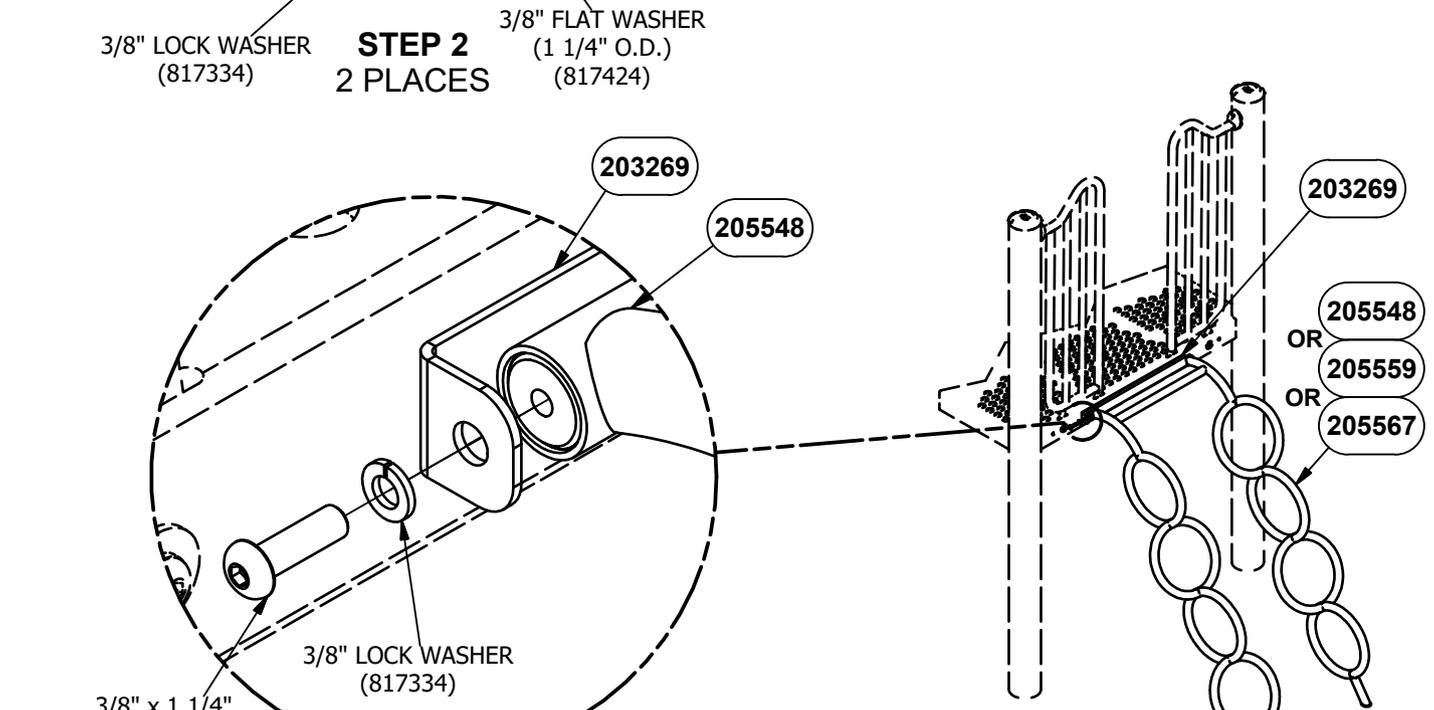
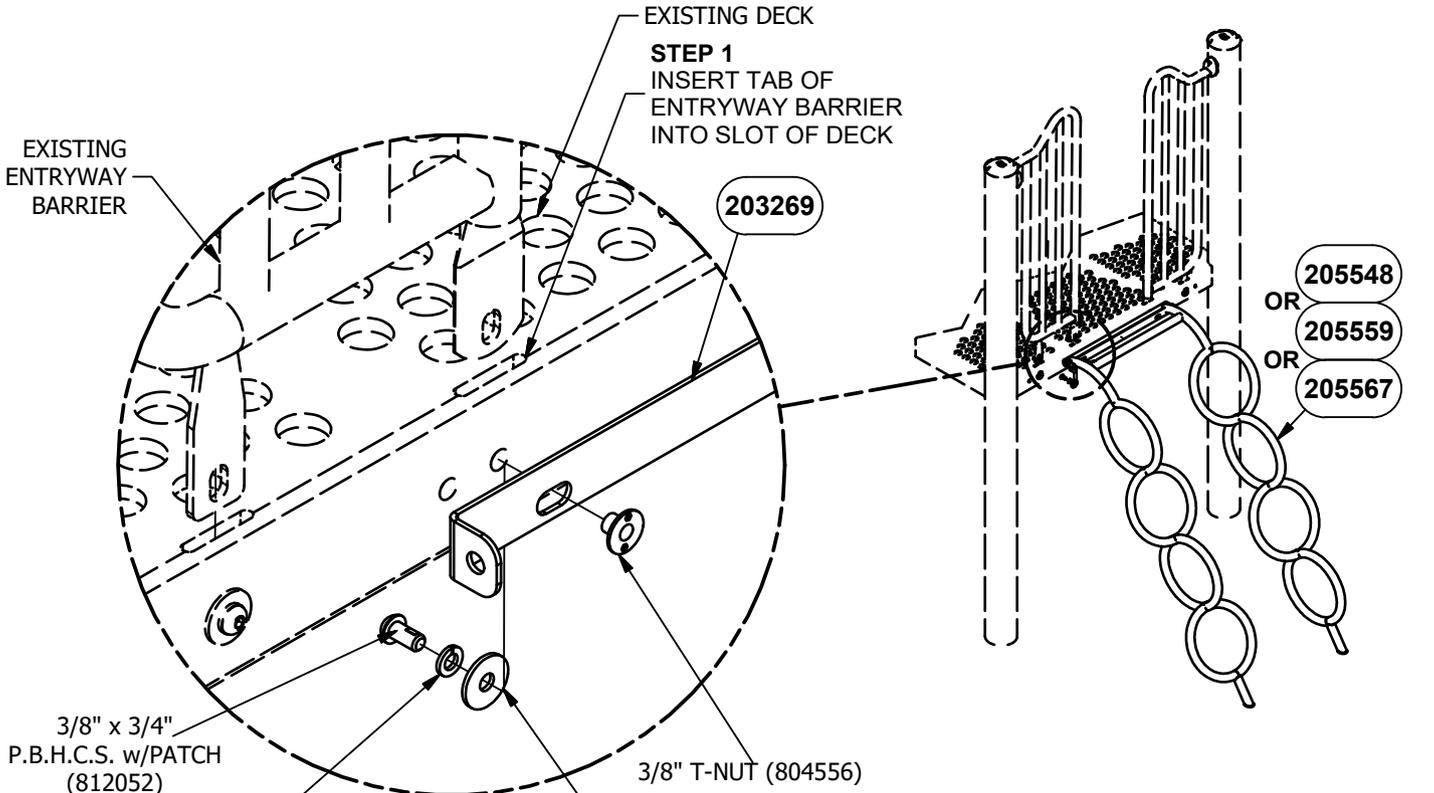
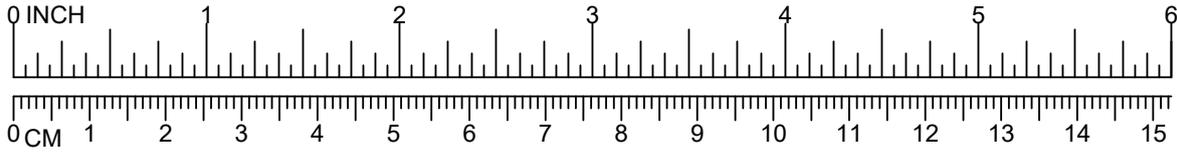


**91103
7'-6" DECK**



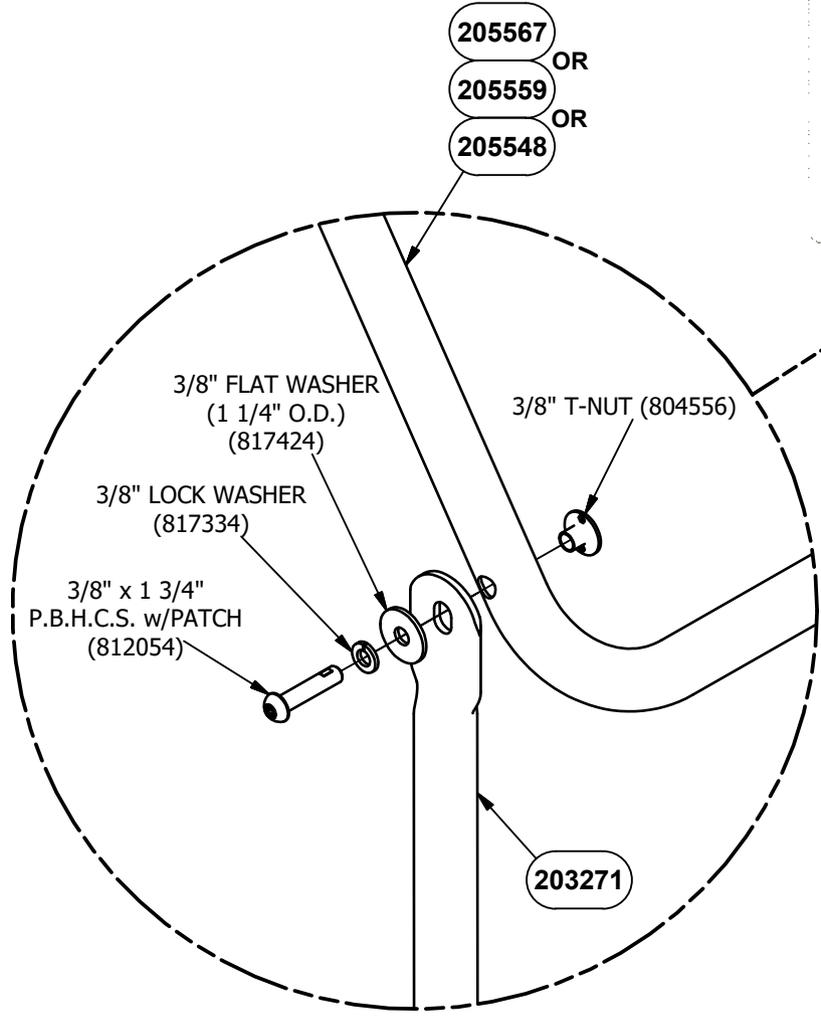
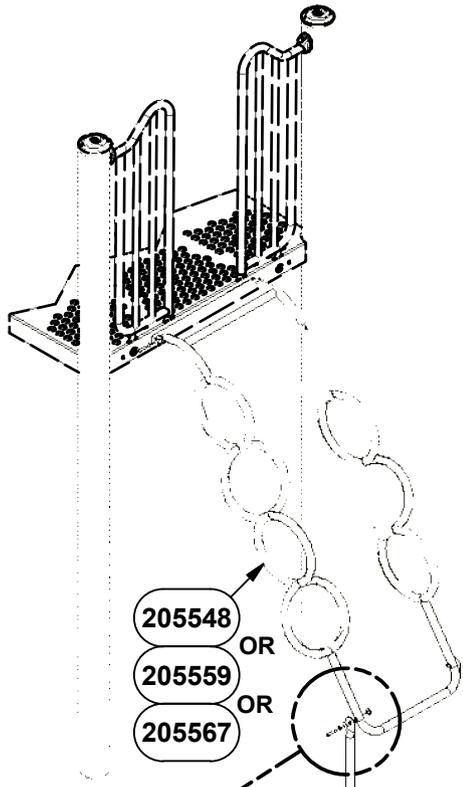
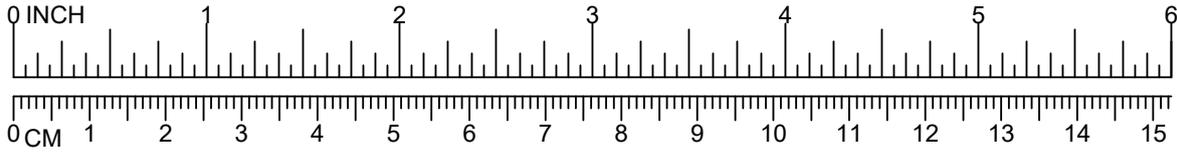
**91103
8'-0" DECK**

TOP VIEWS



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



203271

STEP 3
2 PLACES

DETAIL VIEW

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

Parts List				
DESCRIPTION	91097	91100	91103	PART NUMBER
CLIMBER WELD ASS'Y	1	0	0	205548
CLIMBER WELD ASS'Y	0	1	0	205559
CLIMBER WELD ASS'Y	0	0	1	205567
MOUNTING BRACKET	1	1	1	203269
FOOTBUCK	2	2	2	203271
HARDWARE COMPLETE	1	1	1	205705
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	2	2	2	812051*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	2	2	812054*
3/8" LOCK WASHER	6	6	6	817334*
3/8" FLAT WASHER (1 1/4" O.D.)	4	4	4	817424*
3/8" T-NUT	4	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.

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

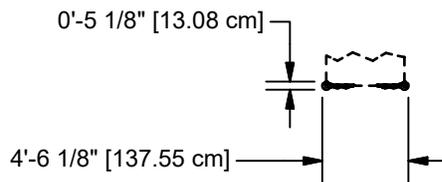
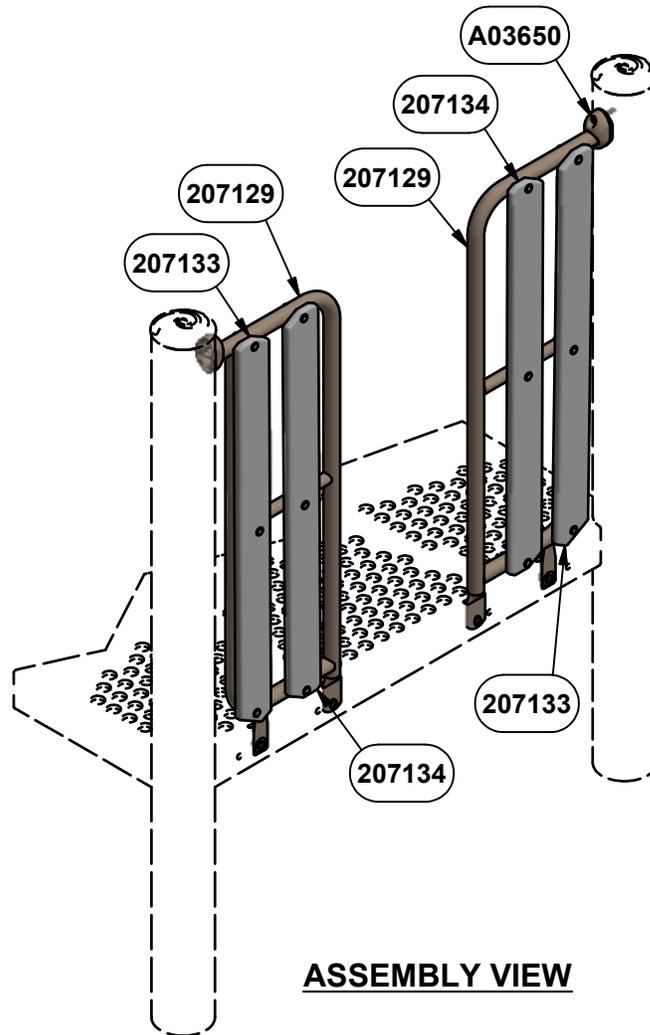
ISSUED/REVISED: 8/4/2022

91150 ENTRYWAY TIMBERS

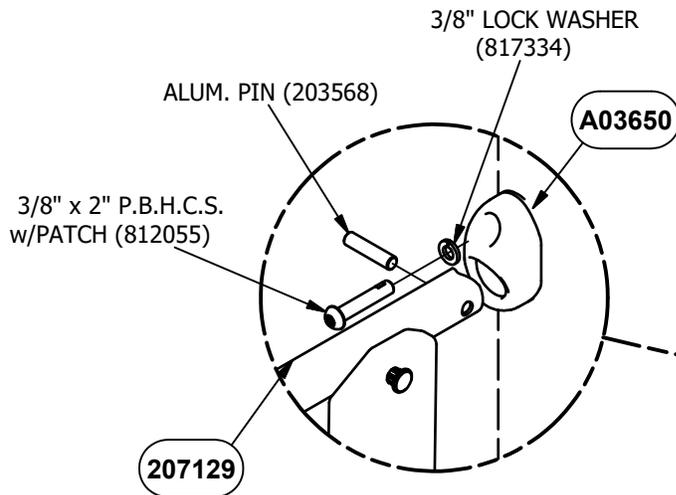
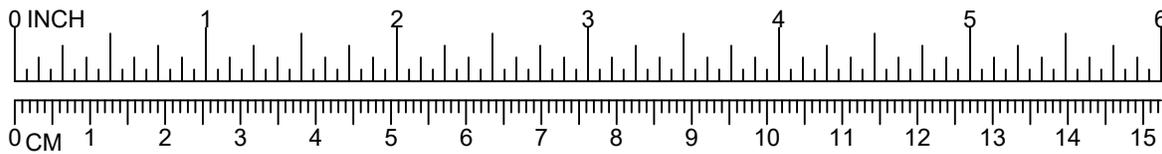


INSTALLATION INSTRUCTIONS

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.**



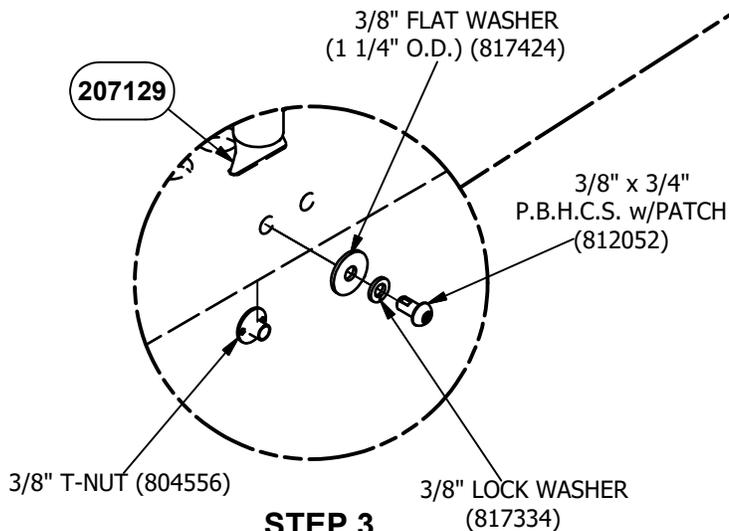
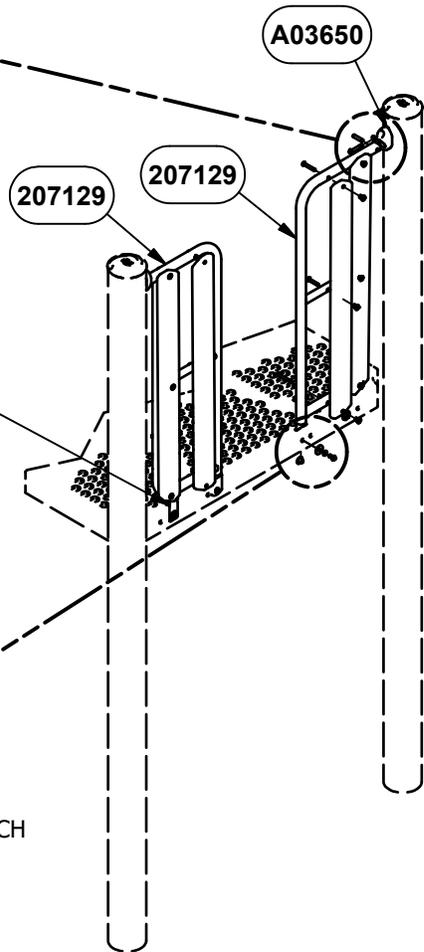
TOP VIEW



NOTE:
BOLT SHOULD BE
TORQUED FROM
20-25 FT. LBS. FOR
PROPER INSTALLTION

STEP 2
2 PLACES

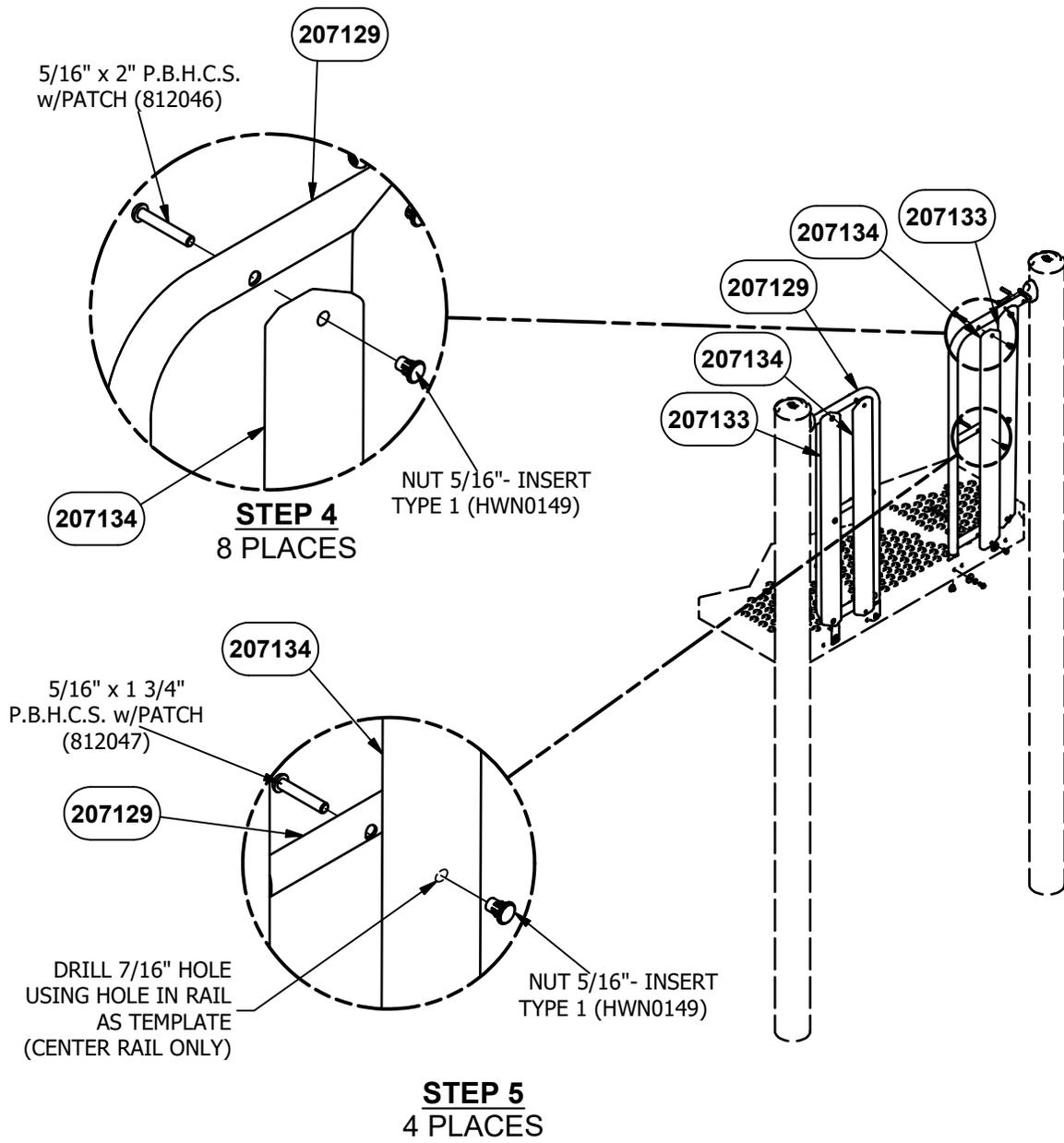
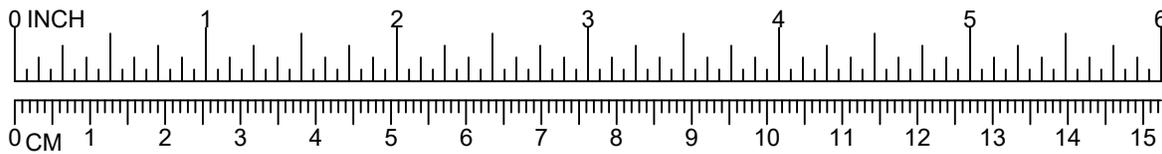
**STEP 1: INSERT TABS OF
TIMBER ENTRYWAY WELD ASSEMBLY
INTO SLOT OF DECK**



STEP 3
4 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.

Parts List		
DESCRIPTION	QTY	PART NUMBER
TIMBER ENTRYWAY WELD ASS'Y	2	207129
TIMBER PACKAGE	1	207457
TIMBER 1	2	207133**
TIMBER 2	2	207134**
TRU-LOC	2	A03650
HARDWARE COMPLETE	1	222082
3/8" x 3/4" P.B.H.C.S. w/PATCH	4	812052*
3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
3/8" LOCK WASHER	6	817334*
3/8" FLAT WASHER (1 1/4" O.D.)	4	817424*
3/8" T-NUT	4	804556*
5/16" x 1 3/4" P.B.H.C.S. w/PATCH	4	812047*
5/16" x 2" P.B.H.C.S. w/PATCH	8	812046*
NUT 5/16"- INSERT TYPE 1	12	HWN0149*
ALUM. PIN	2	203568*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

*** Included in Timber Package*

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:

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- 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.



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1-800-235-2440

ISSUED/REVISED: 8/17/23

TRANSFER SYSTEM TIMBERS

- = INSTALLATION
- = PARTS LIST REFERENCE

1'-0" RISE	91200
2'-0" RISE	91201
2'-6" RISE	91202
3'-0" RISE	91203
4'-0" RISE	91204



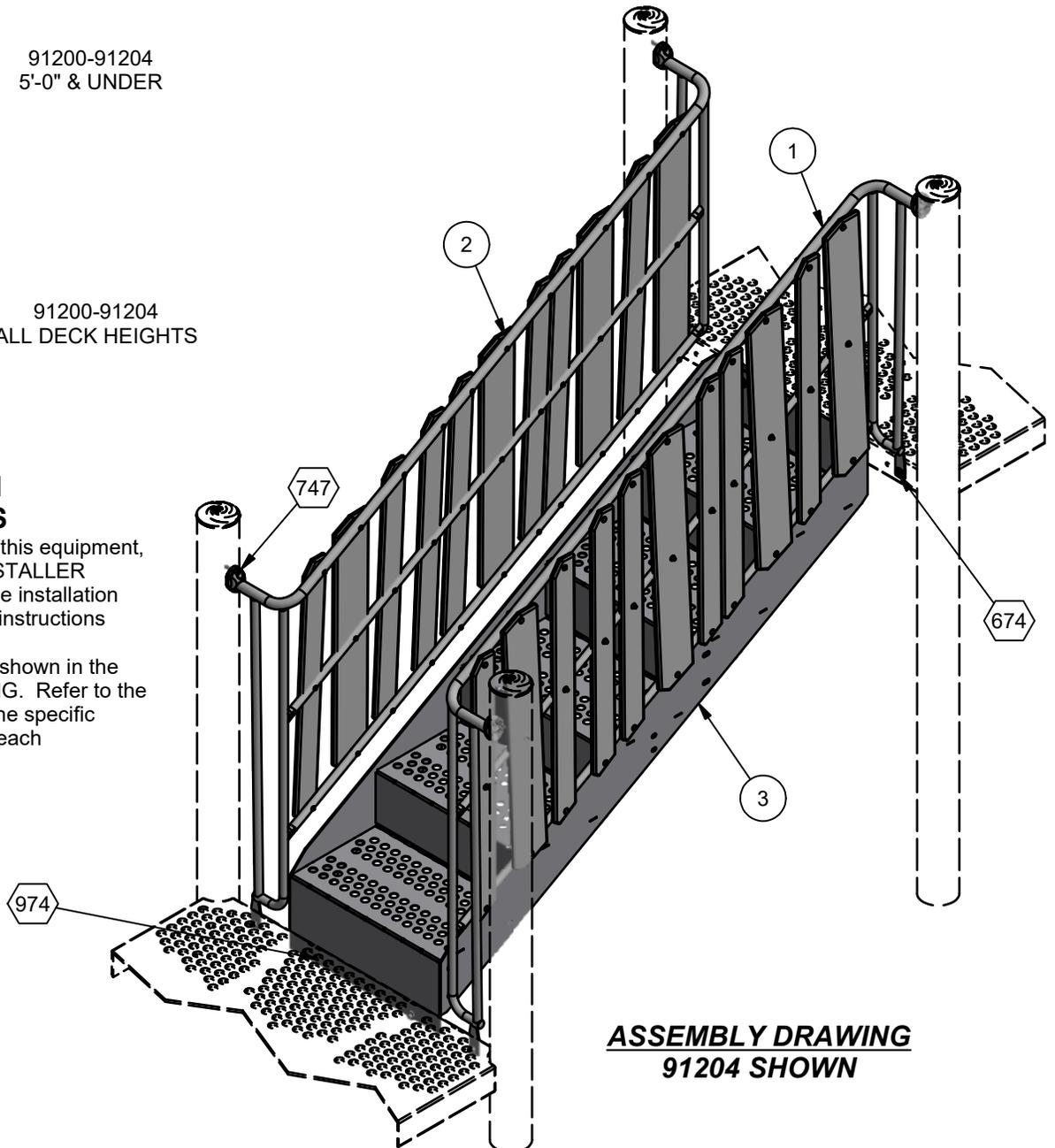
91200-91204
5'-0" & UNDER



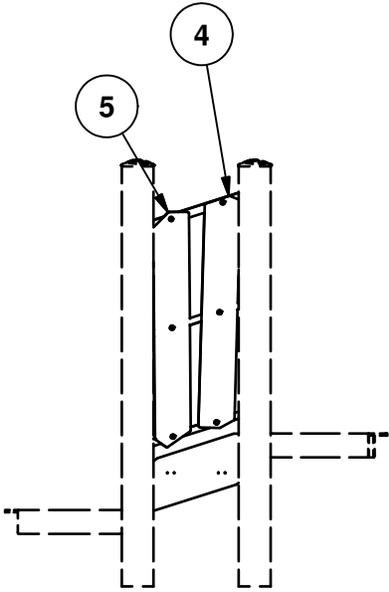
91200-91204
ALL DECK HEIGHTS

INSTALLATION INSTRUCTIONS

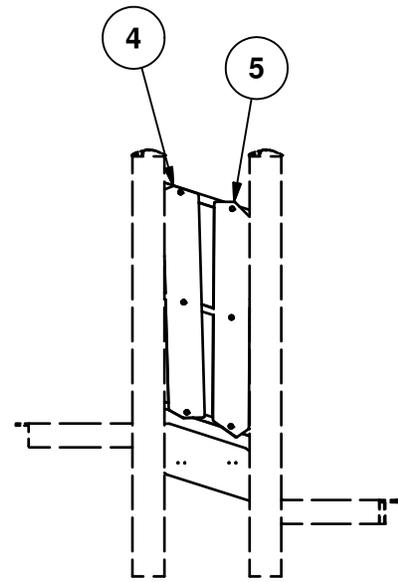
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



ASSEMBLY DRAWING
91204 SHOWN



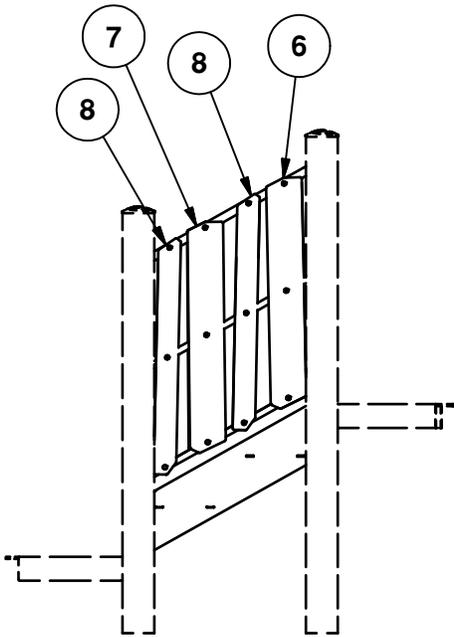
RIGHT



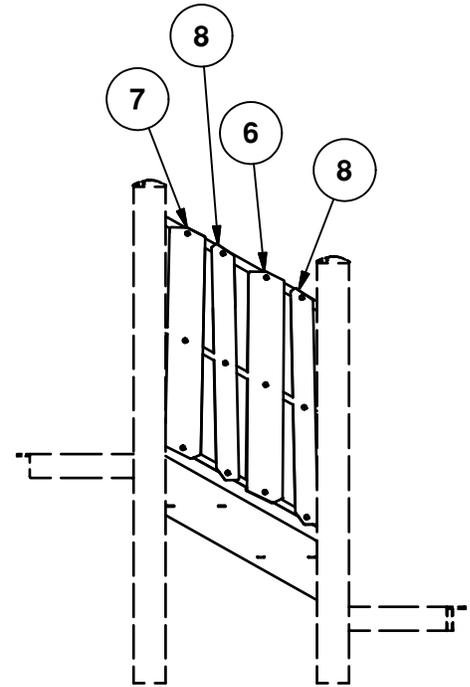
LEFT

TIMBER PACKAGE 207448		
REF	DESCRIPTION	PART NUMBER
4	TIMBER 31 (SAND)	207272
5	TIMBER 32 (TUDOR BROWN)	207273

TIMBER LOCATION
91200 SHOWN



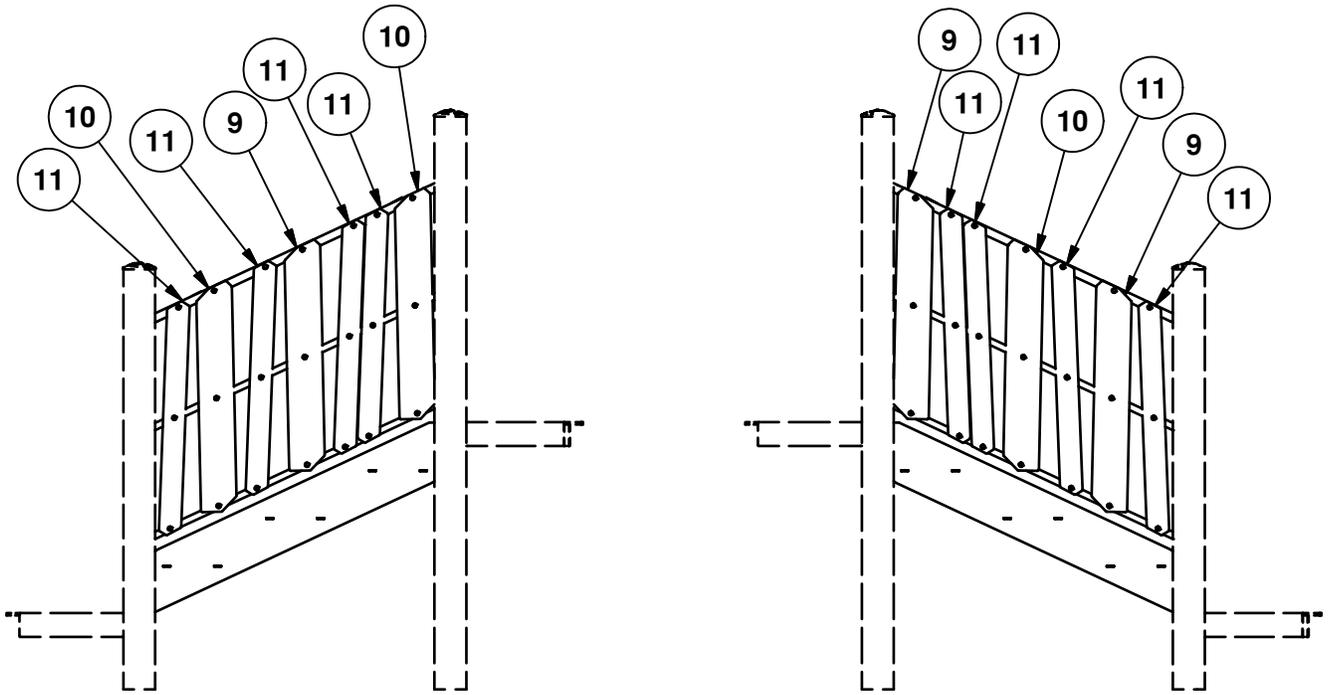
RIGHT



LEFT

TIMBER PACKAGE 207449		
REF	DESCRIPTION	PART NUMBER
6	TIMBER 33 (SAND)	207282
7	TIMBER 34 (TUDOR BROWN)	207283
8	TIMBER 35 (GRAY)	207284

TIMBER LOCATION
91201 SHOWN

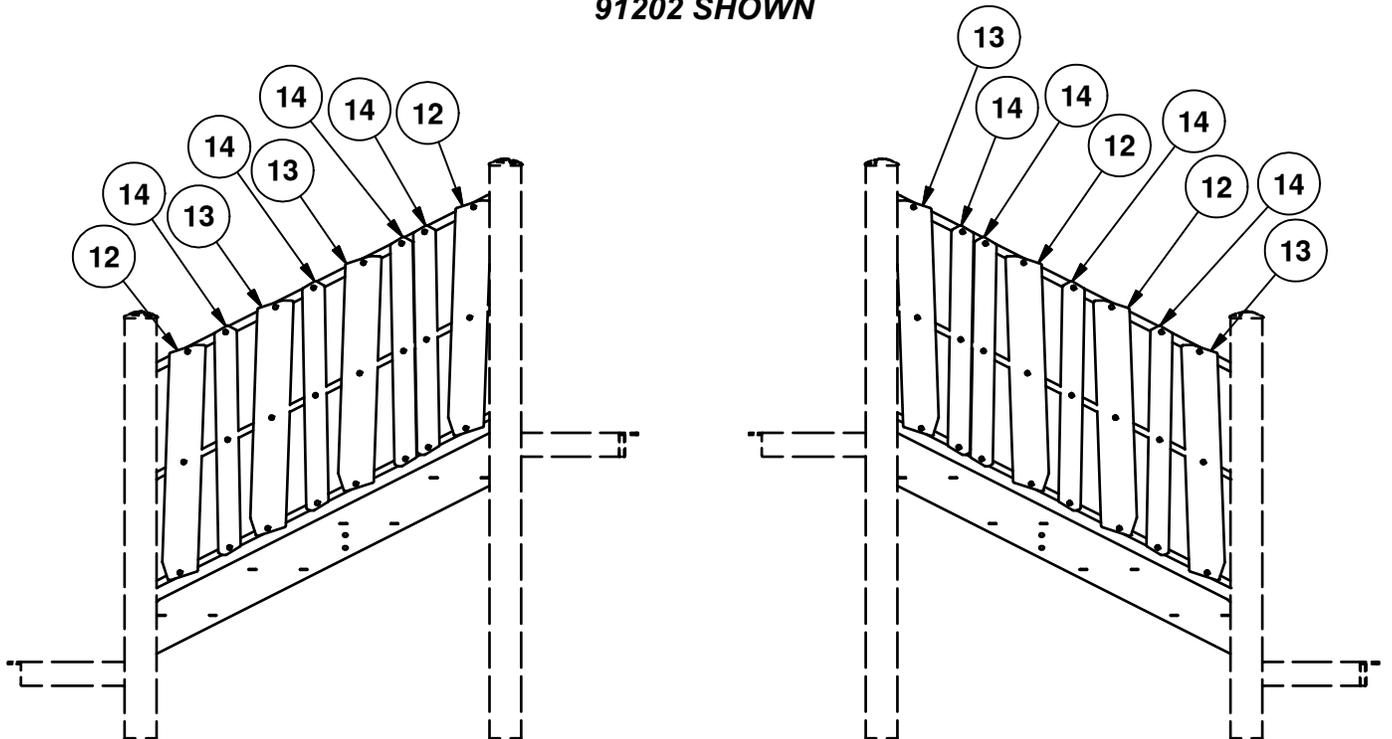


RIGHT

LEFT

TIMBER PACKAGE 207450		
REF	DESCRIPTION	PART NUMBER
9	TIMBER 36 (SAND)	207293
10	TIMBER 37 (TUDOR BROWN)	207294
11	TIMBER 38 (GRAY)	207295

TIMBER LOCATION
91202 SHOWN

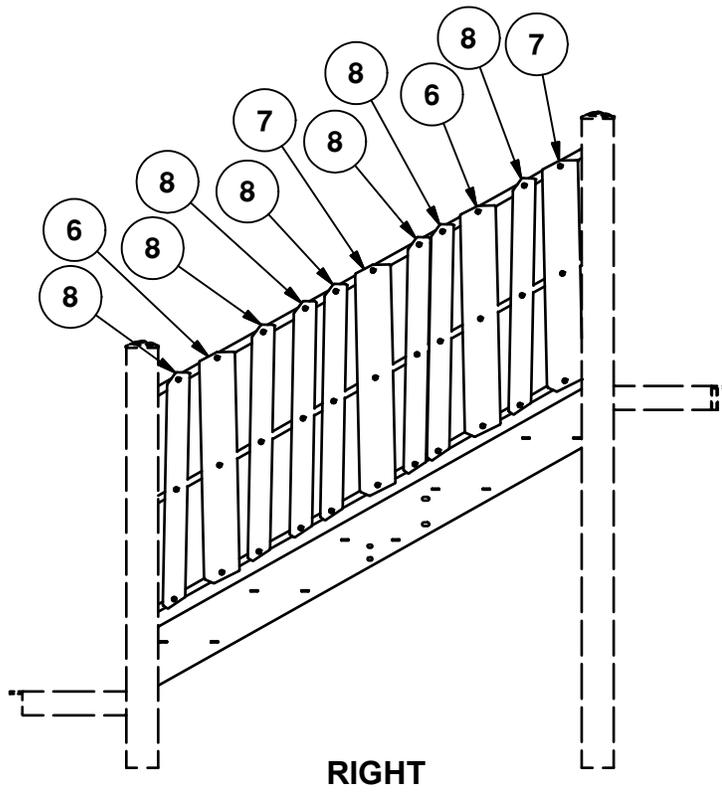


RIGHT

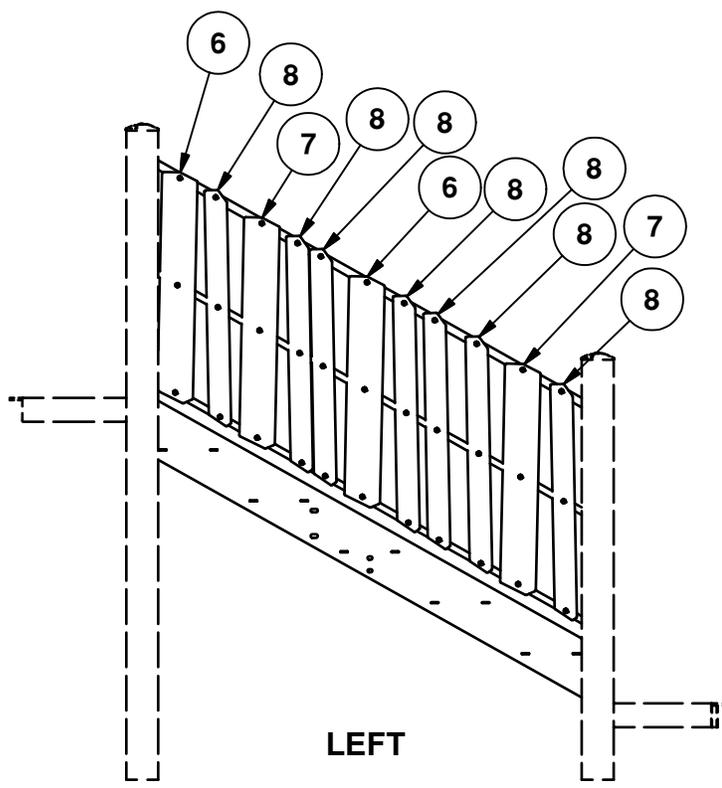
LEFT

TIMBER PACKAGE 207451		
REF	DESCRIPTION	PART NUMBER
12	TIMBER 39 (SAND)	207304
13	TIMBER 40 (TUDOR BROWN)	207305
14	TIMBER 41 (GRAY)	207306

TIMBER LOCATION
91203 SHOWN



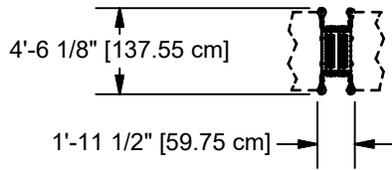
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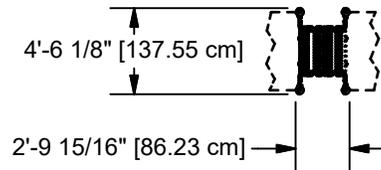
LEFT

TIMBER PACKAGE 207452		
REF	DESCRIPTION	PART NUMBER
6	TIMBER 33 (SAND)	207282
7	TIMBER 34 (TUDOR BROWN)	207283
8	TIMBER 35 (GRAY)	207284

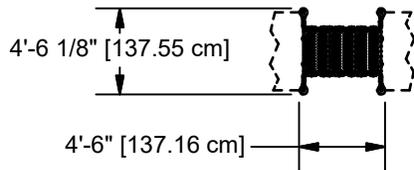
TIMBER LOCATION
91204 SHOWN



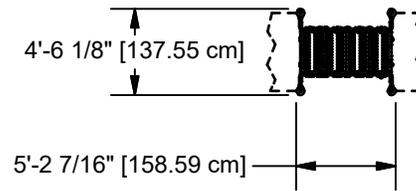
91200



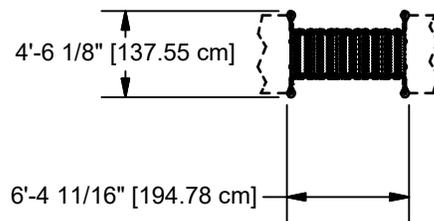
91201



91202

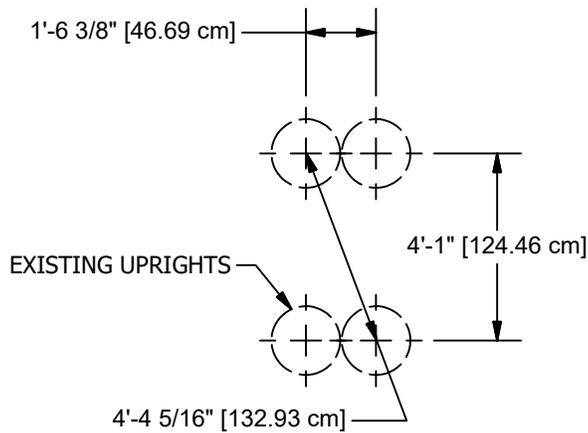


91203

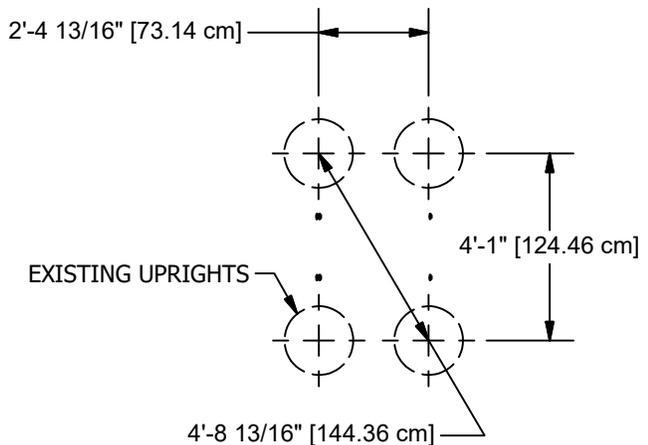


91204

TOP VIEWS

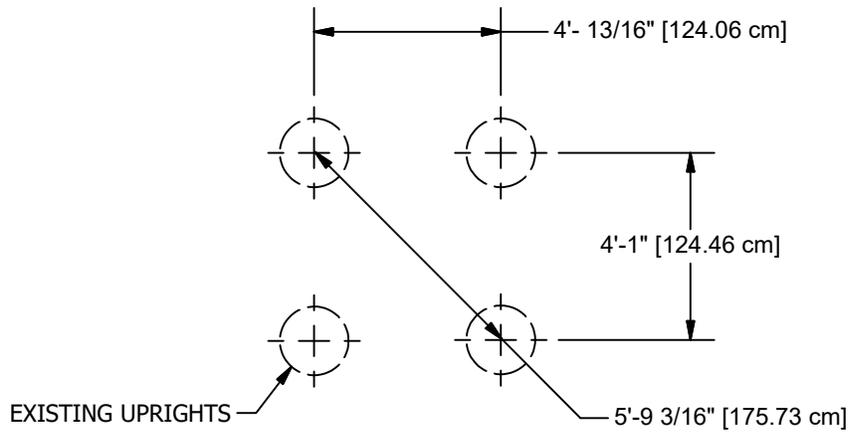


91200

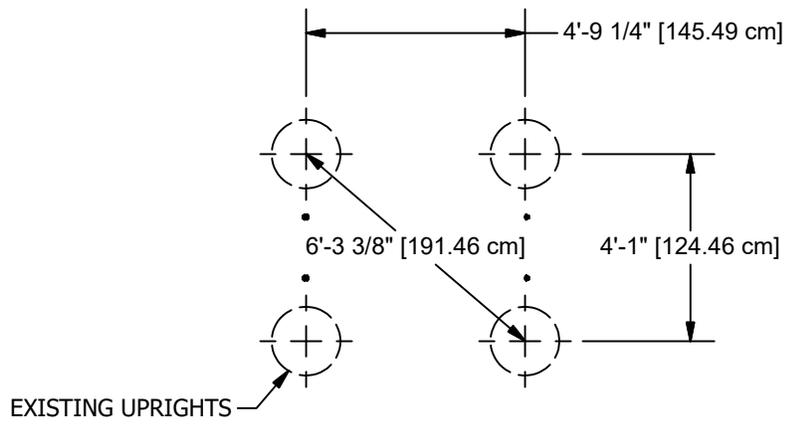


91201

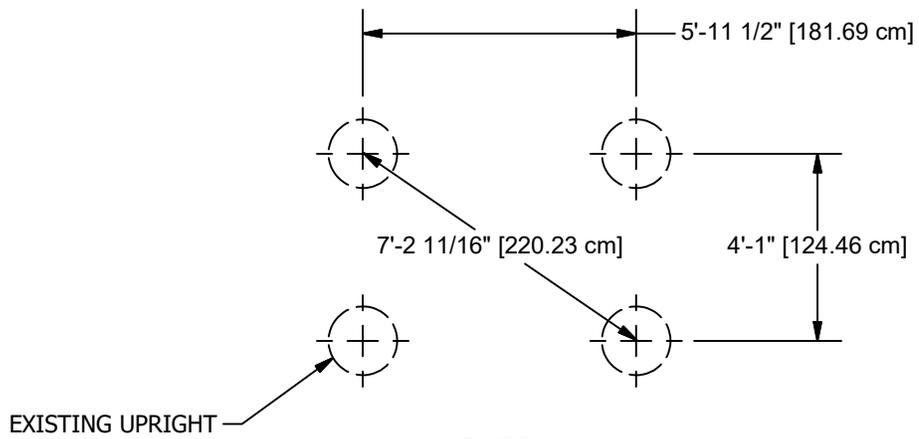
GROUND PLANS



91202



91203



91204

GROUND PLANS

Parts List							
REF.	DESCRIPTION	91200	91201	91202	91203	91204	PART NUMBER
1	RIGHT BARRIER WELD ASSEMBLY	1	0	0	0	0	207270
1	RIGHT TIMBER BARRIER WELD ASS'Y	0	1	0	0	0	207280
1	RIGHT TIMBER BARRIER WELD ASS'Y	0	0	1	0	0	207291
1	RIGHT TIMBER BARRIER WELD ASS'Y	0	0	0	1	0	207302
1	RIGHT TIMBER BARRIER WELD ASS'Y	0	0	0	0	1	207313
2	LEFT BARRIER WELD ASSEMBLY	1	0	0	0	0	207265
2	LEFT TIMBER BARRIER WELD ASS'Y	0	1	0	0	0	207275
2	LEFT TIMBER BARRIER WELD ASS'Y	0	0	1	0	0	207286
2	LEFT TIMBER BARRIER WELD ASS'Y	0	0	0	1	0	207297
2	LEFT TIMBER BARRIER WELD ASS'Y	0	0	0	0	1	207308
3	1'-0" COATED STEPLINK	1	0	0	0	0	161235
3	2'-0" COATED ASSEMBLY	0	1	0	0	0	160670
3	2'-6" COATED ASSEMBLY	0	0	1	0	0	167494
3	3'-0" COATED ASSEMBLY	0	0	0	1	0	161371
3	4'-0" COATED ASSEMBLY	0	0	0	0	1	160667
	TIMBER PACKAGE	1	0	0	0	0	207448
4	TIMBER 31	2	0	0	0	0	207272**
5	TIMBER 32	2	0	0	0	0	207273**
	TIMBER PACKAGE	0	1	0	0	0	207449
6	TIMBER 33	0	2	0	0	0	207282**
7	TIMBER 34	0	2	0	0	0	207283**
8	TIMBER 35	0	4	0	0	0	207284**
	TIMBER PACKAGE	0	0	1	0	0	207450
9	TIMBER 36	0	0	3	0	0	207293**
10	TIMBER 37	0	0	3	0	0	207294**
11	TIMBER 38	0	0	8	0	0	207295**
	TIMBER PACKAGE	0	0	0	1	0	207451
12	TIMBER 39	0	0	0	4	0	207304**
13	TIMBER 40	0	0	0	4	0	207305**
14	TIMBER 41	0	0	0	8	0	207306**
	TIMBER PACKAGE	0	0	0	0	1	207452
6	TIMBER 33	0	0	0	0	4	207282**
7	TIMBER 34	0	0	0	0	4	207283**
8	TIMBER 35	0	0	0	0	14	207284**
	TRU-LOC	4	4	4	4	4	A03650

Unless Otherwise Specified, All Units of Measure are Each

* Included in Hardware

** Included in Timber Package

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.

CONTINUED ON NEXT PAGE

PAGE 7

Parts List							
REF.	DESCRIPTION	91200	91201	91202	91203	91204	PART NUMBER
	HARDWARE COMPLETE	1	0	0	0	0	223325
	HARDWARE COMPLETE	0	1	0	0	0	223326
	HARDWARE COMPLETE	0	0	1	0	0	223327
	HARDWARE COMPLETE	0	0	0	1	0	223328
	HARDWARE COMPLETE	0	0	0	0	1	223329
	3/8" x 3/4" P.B.H.C.S. w/PATCH	4	4	4	4	4	812052*
	3/8" x 1" P.B.H.C.S. w/PATCH	4	4	4	4	4	812050*
	3/8" x 2" P.B.H.C.S. w/PATCH	4	4	4	4	4	812055*
	3/8" FLAT WASHER (1 1/4" O.D.)	12	12	12	12	12	817424*
	3/8" LOCK WASHER	8	8	8	8	8	817334*
	3/8" LOCK NUT	4	4	4	4	4	804353*
	3/8" T-NUT	4	4	4	4	4	804556*
	ALUM. PIN	4	4	4	4	4	203568*
	NUT 5/16"- INSERT TYPE 1	12	24	42	48	66	HWN0149*
	5/16" x 1 3/4" P.B.H.C.S. w/PATCH	8	16	28	32	44	812047*
	5/16" x 2" P.B.H.C.S. w/PATCH	4	8	14	16	22	812046*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

*** Included in Timber Package*

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.

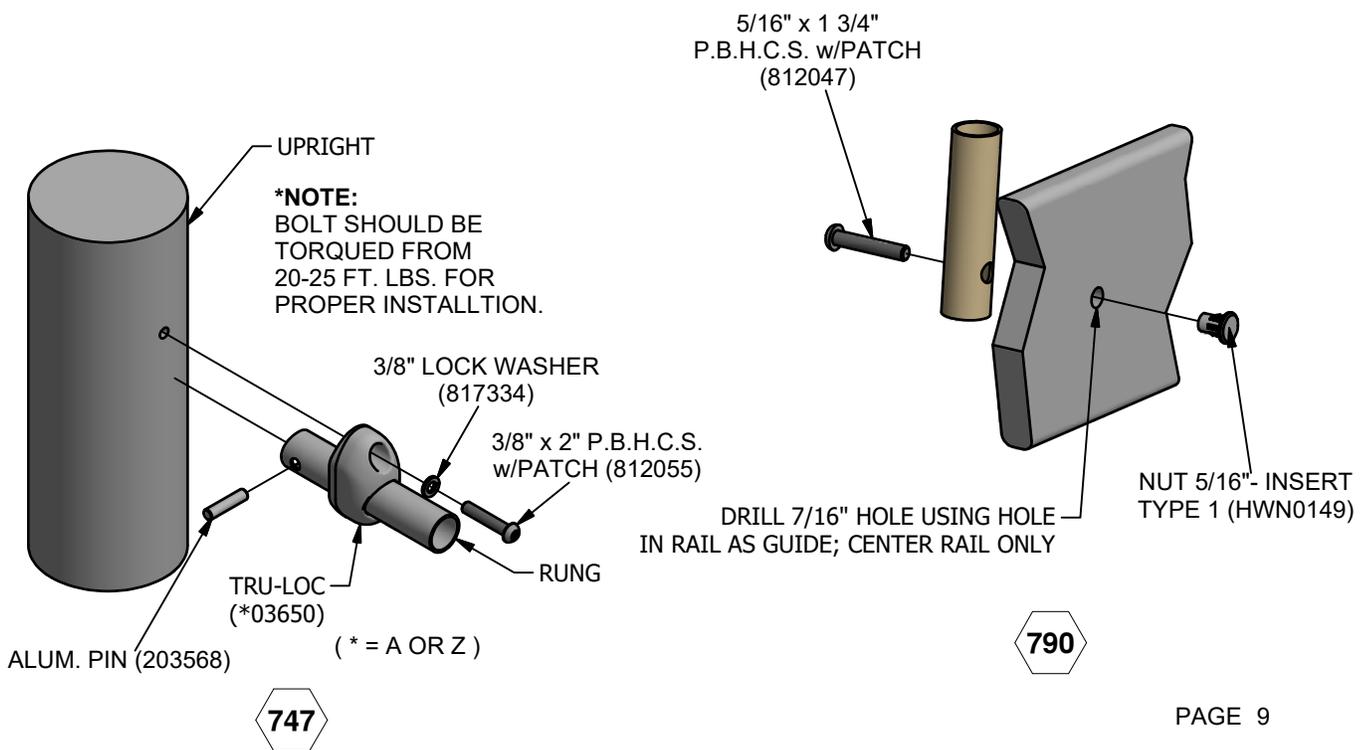
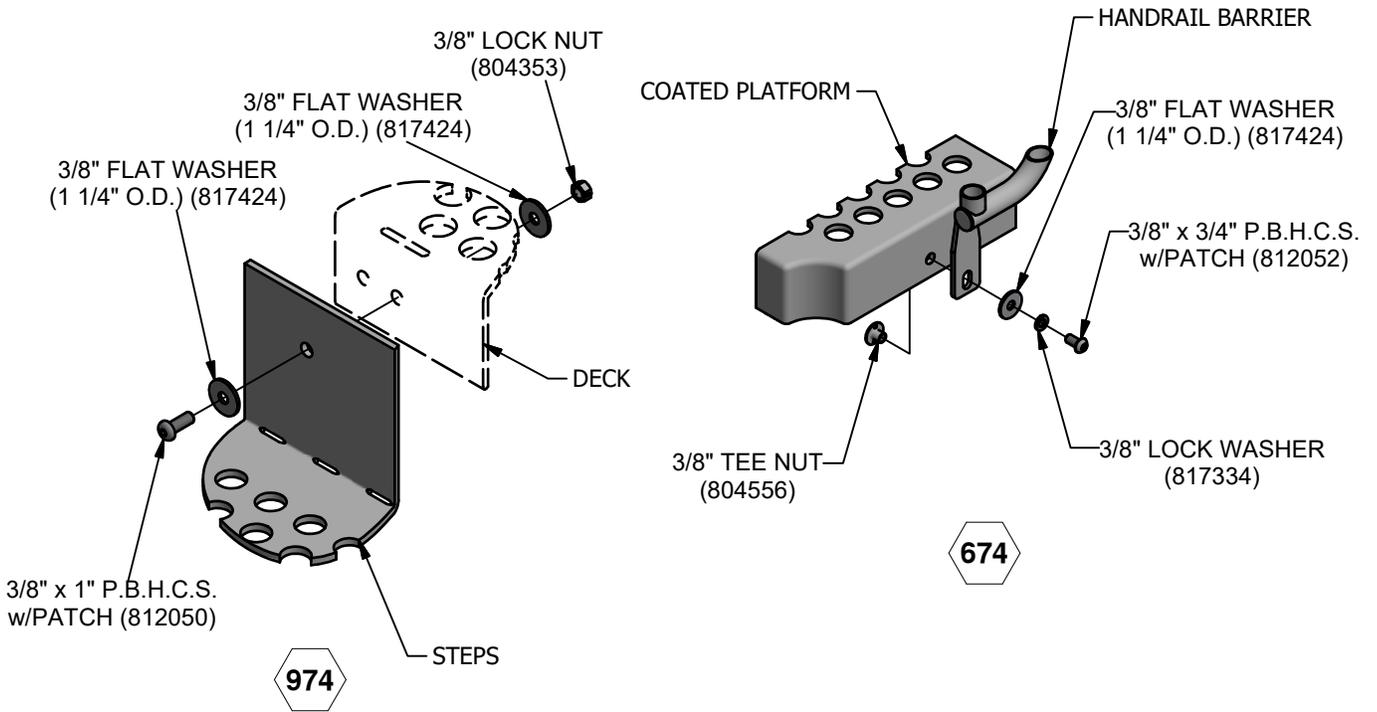
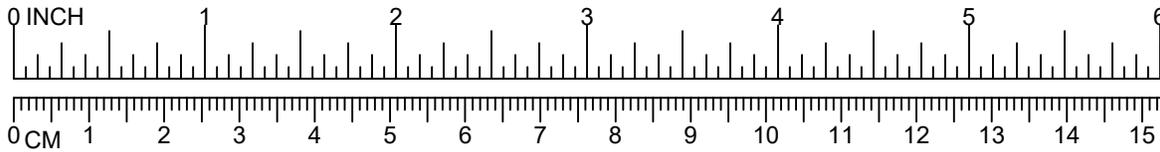
DETAILS -for- 91200, 91201, 91202, 91203 AND 91204

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.



790

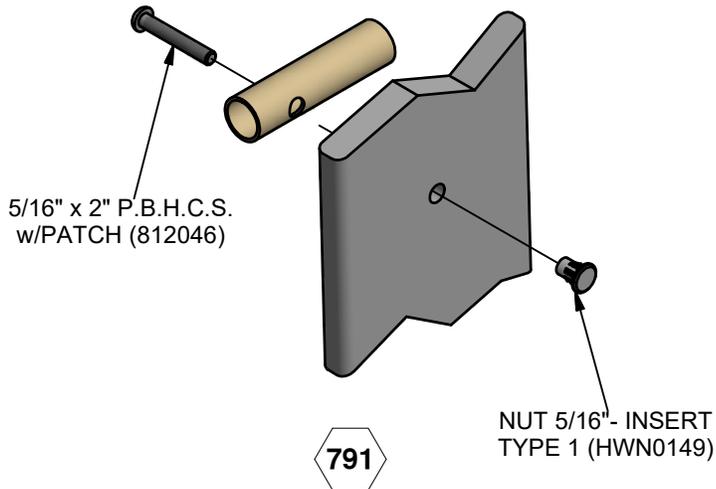
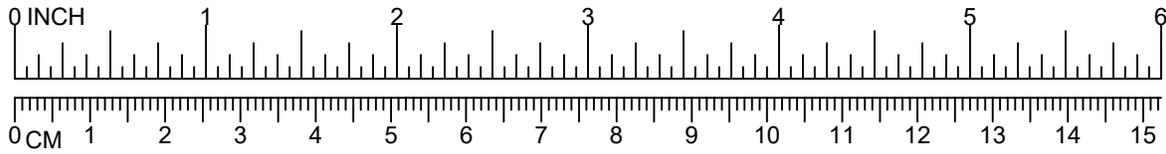
DETAILS -for- 91200, 91201, 91202, 91203 AND 91204

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.



PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 5/22/19

91284 THREE STUMP CLIMBER

⬡ = INSTALLATION
DETAIL

○ = PARTS LIST
REFERENCE



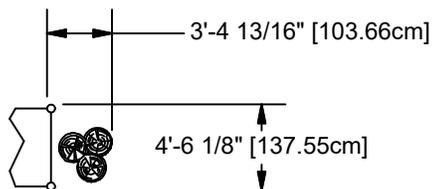
3'-6" DECK
HEIGHT



3'-6" AND
4'-0" DECK
HEIGHTS



ASSEMBLY VIEW



TOP VIEW

SPECIFICATIONS

Fiberglass Reinforced Cement (GFRC): A cement/aggregate slurry reinforced throughout with chopped glass fibers. Cement used shall be Type 1 Portland cement meeting the requirement of the ASTM C 150. Sand shall be washed silica sand passing a U.S. No. 20 sieve, and conforming to ASTM C 144. Glass Fibers shall be alkali-resistant (AR) fiber specifically designed for use in concrete and chopped to 1" - 2" lengths. Thickness of the cast panels shall be a minimum of 5/8" ranging to 1 1/2" depending on the face configuration. Embossing Mortar and

Cement Plaster: Site mixed cement/aggregate meeting the same criteria as 2.01 A, but omitting the glass fibers; for filling the irregular voids between mold-cast panels and/or special themed features. Backup Material: Shall be galvanized steel "diamond lath", tied in place with annealed steel wire and reinforced with #3 or #4 steel reinforcing rods. Minimum physical properties shall be: 1500 pounds per square inch in tension and 5000 pounds per square inch in compression.

INSTALLATION INSTRUCTIONS

NOTE: THIS SPECIFICATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S 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.

STEP 1: Dig required footing hole. 36" x 36" x 8" depth min.

STEP 2: Fill footing hole with concrete.

NOTE: Allow 48 hours minimum for concrete to cure before installing play feature.

STEP 3: Carefully guide Fork Lift blades through fork pockets.

and attach free ends to lifting machinery

NOTE: If lifting straps are used instead, they should be nylon to prevent damage to GFRC finish. If any other type of strap is used, use foam padding under the strap to prevent damage to GFRC finish.

NOTE: Lifting strap and lifting machinery rated for 2500 lbs min.

STEP 4: Carefully place and center play feature onto fully cured concrete footing. Secure with wedge anchors (QTY 4)

STEP 5: After play feature is in place and secured, remove all remaining packaging material. Inspect feature for blemishes. Use included repair kit as needed.

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	THREE STUMP CLIMBER GFRC	1	208090
	HARDWARE COMPLETE	1	208081
	3/8" x 3/4" P.B.H.C.S.	2	812052*
	3/8" LOCKWASHER	2	817334*
	3/8" FLATWASHER	2	817424*
	3/8" T-NUT	2	804556*
	1/2" x 4 1/4" WEDGE ANCHOR	4	800082*

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.



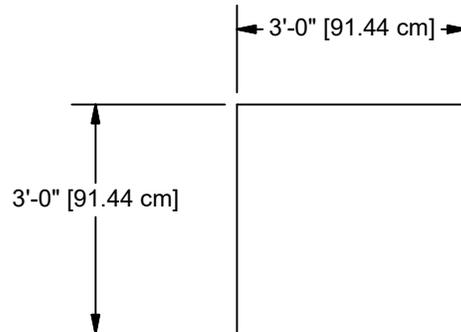
IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- 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.
- 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.

GENERAL NOTES:

- Inspect all pieces before unloading from truck for damages incurred during shipping
- Leave as much packaging in place on play features as possible, without interfering with handling, to help protect the finish from damage during placement.
- Due to variables in local soil conditions, footing sizes may vary to meet local codes.
- Actual on-site conditions may vary and may require modifications to installation method.
- Use care and caution while handling play pieces. Make sure all points of contact are protected from lifting straps or other machinery that may damage the piece.
- Bracing materials may be required during installation.



GROUND PLAN

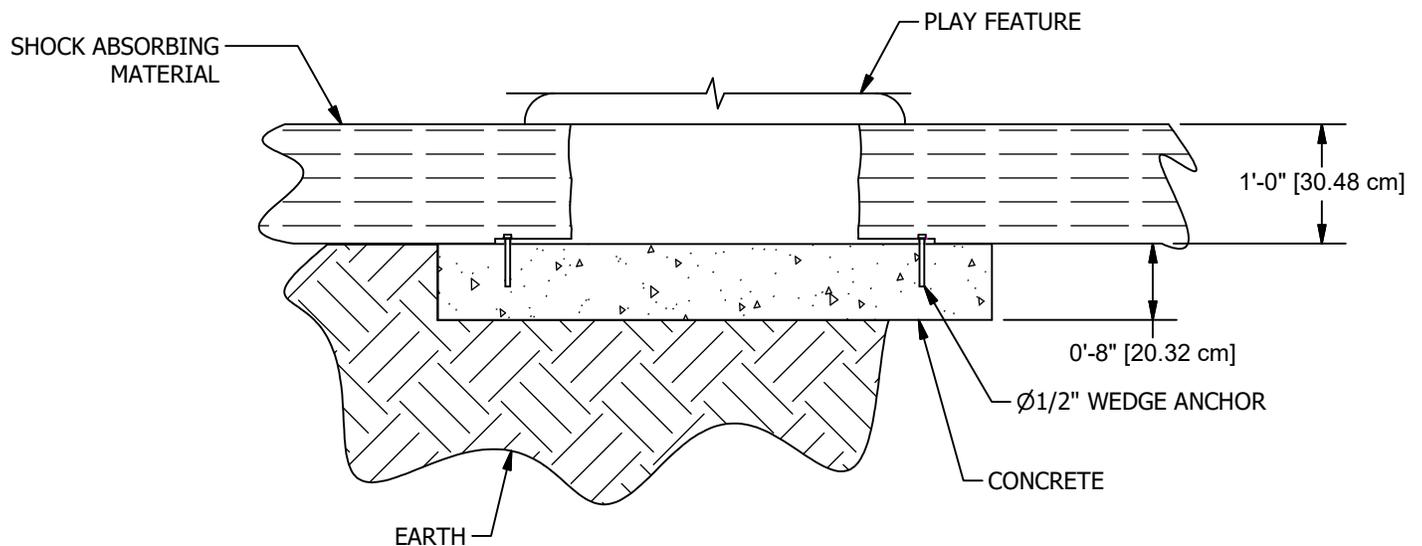
NOTE:

SUGGESTED MINIMUM CONCRETE RATING 3000 PSI.

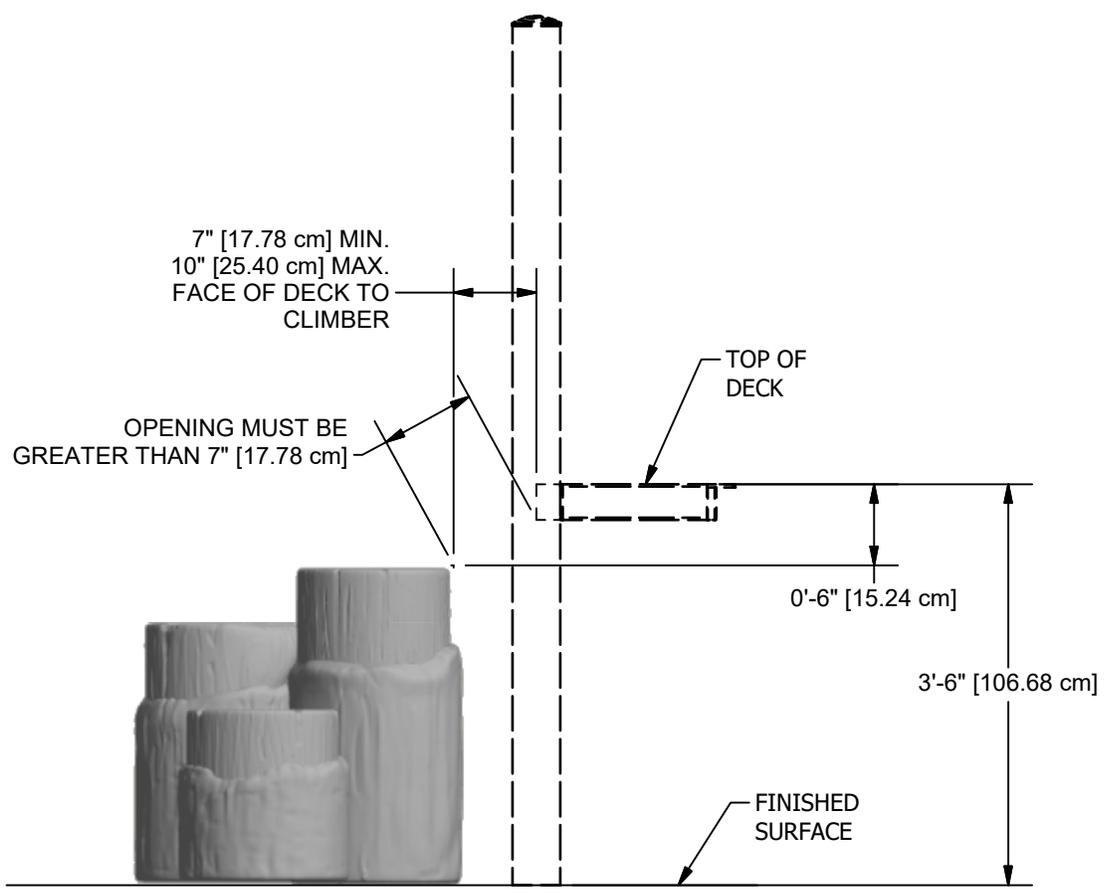
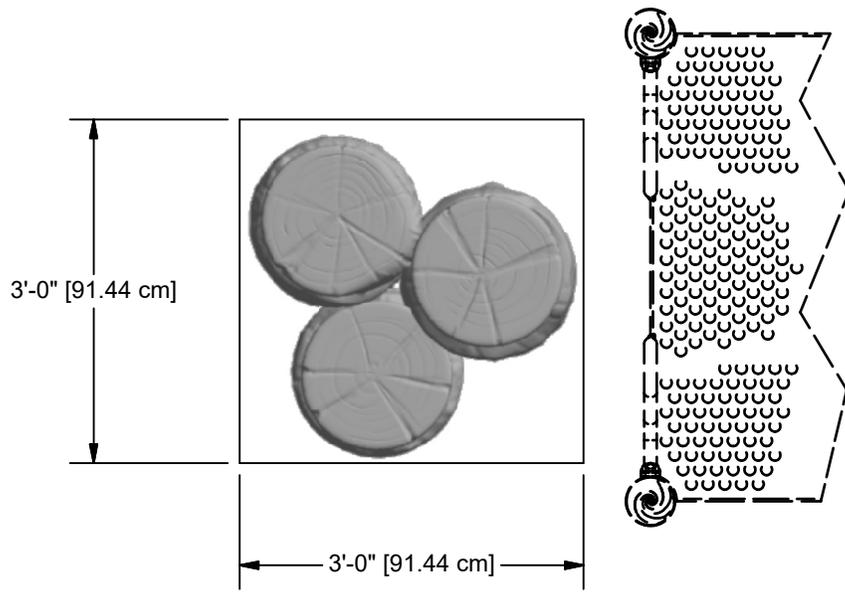
CONCRETE REQUIRED (38110):

.22 CUBIC YARDS
.17 CUBIC METERS

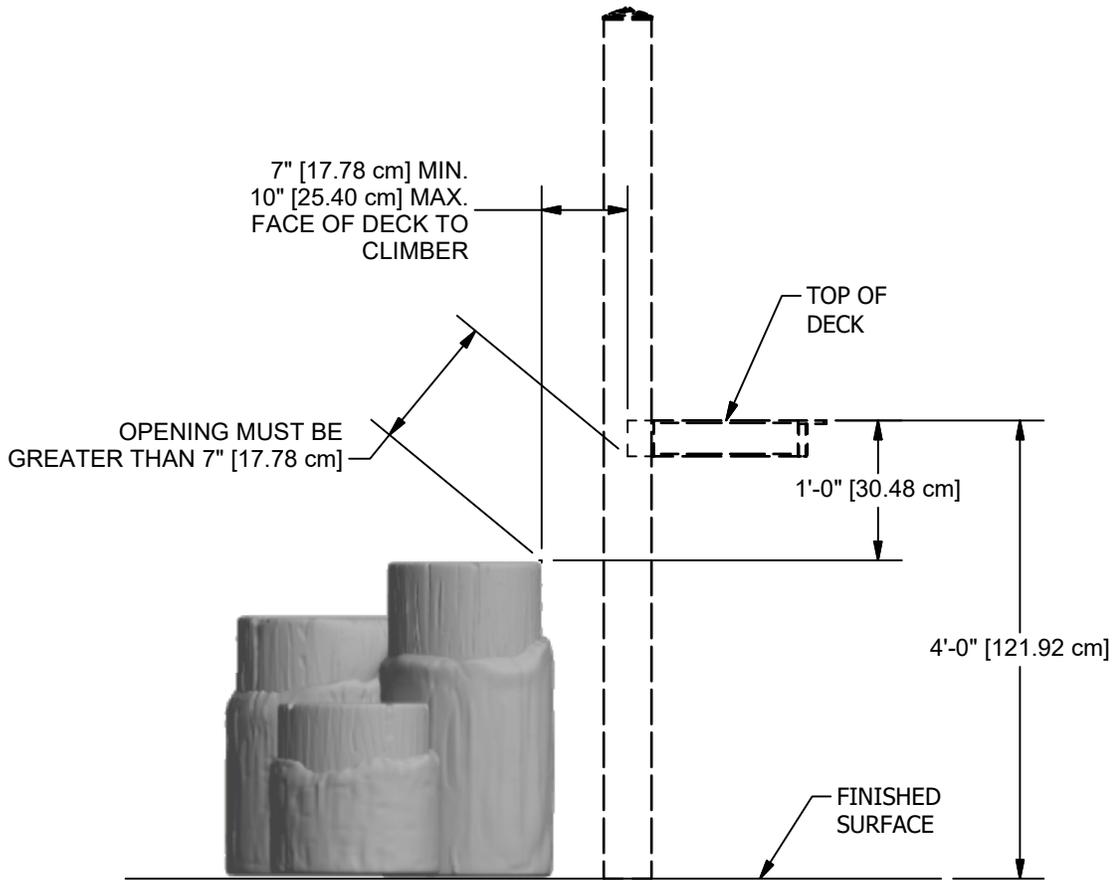
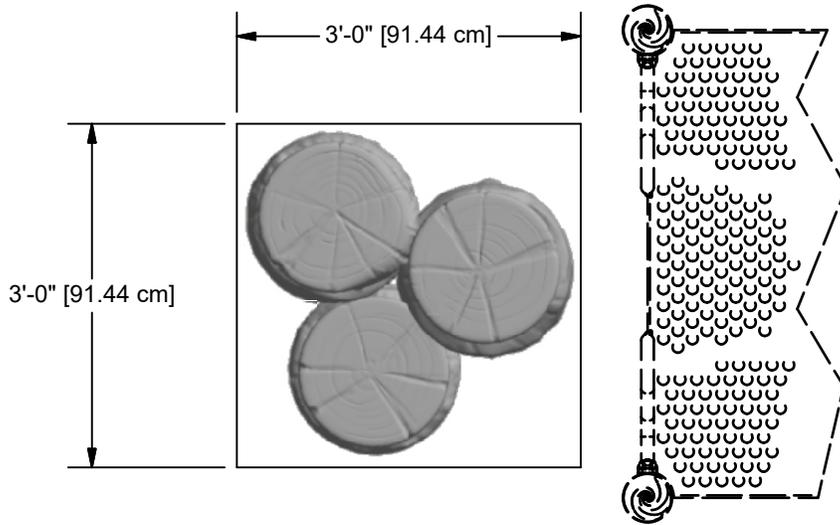
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



FOOTING DETAIL



91284
3'-6" DECK HEIGHT



91284
4'-0" DECK HEIGHT

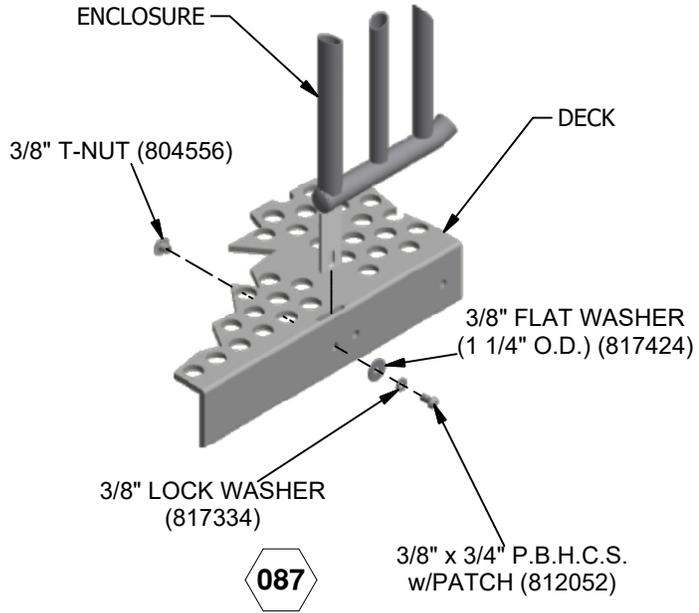
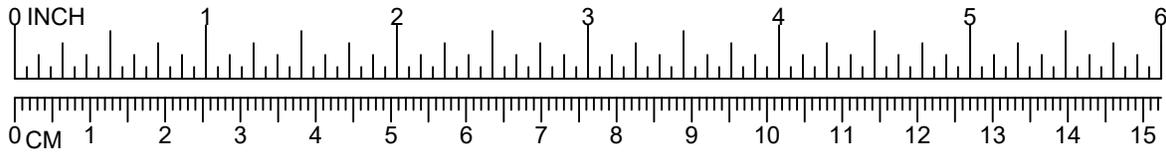
DETAILS -for- 91284

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.

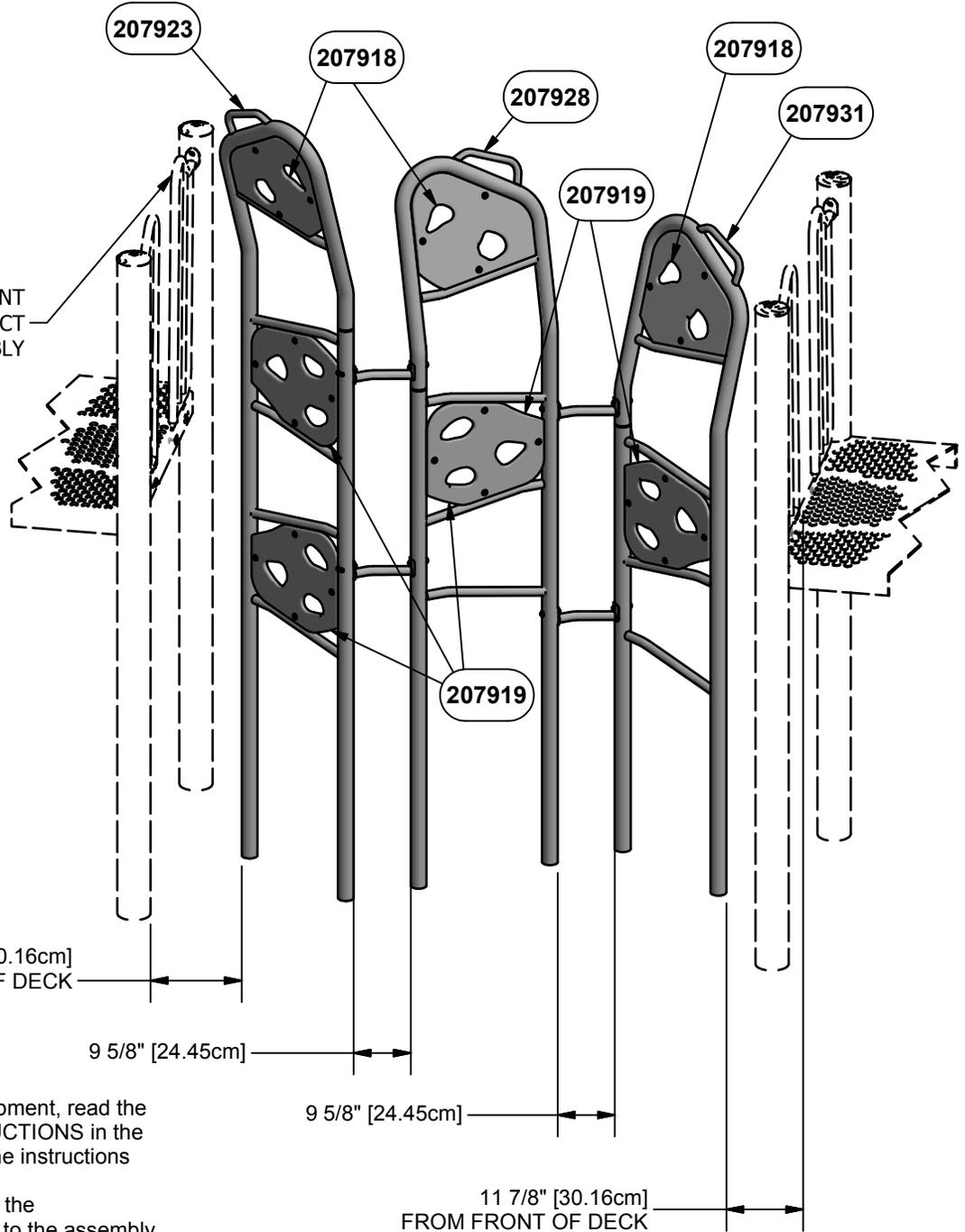
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





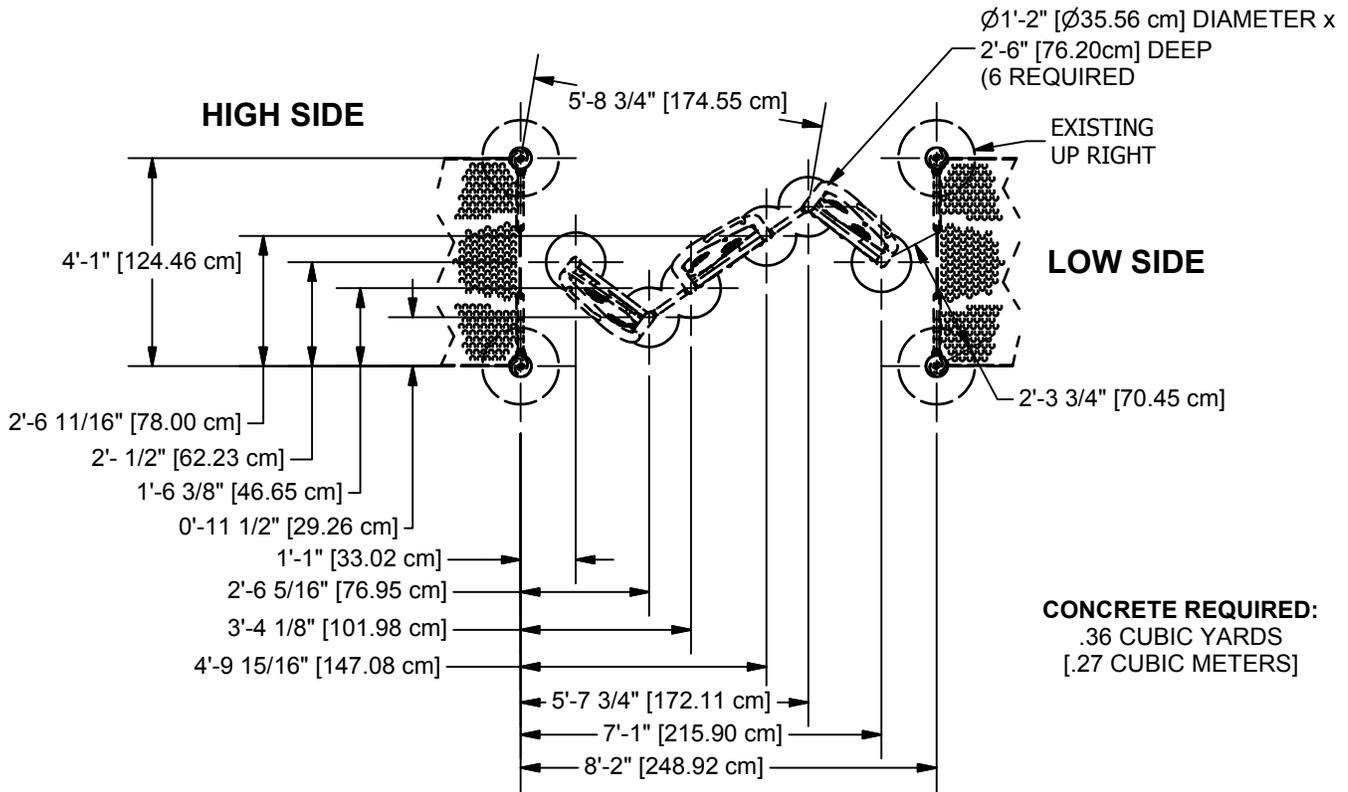
REFER TO MODULAR EQUIPMENT
TOP VIEW FOR CORRECT
BARRIER WELD ASSEMBLY



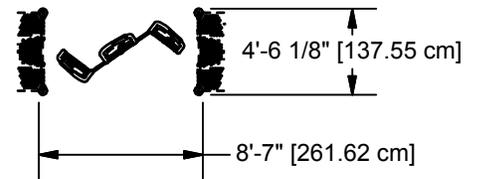
INSTALLATION INSTRUCTIONS

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.
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.**

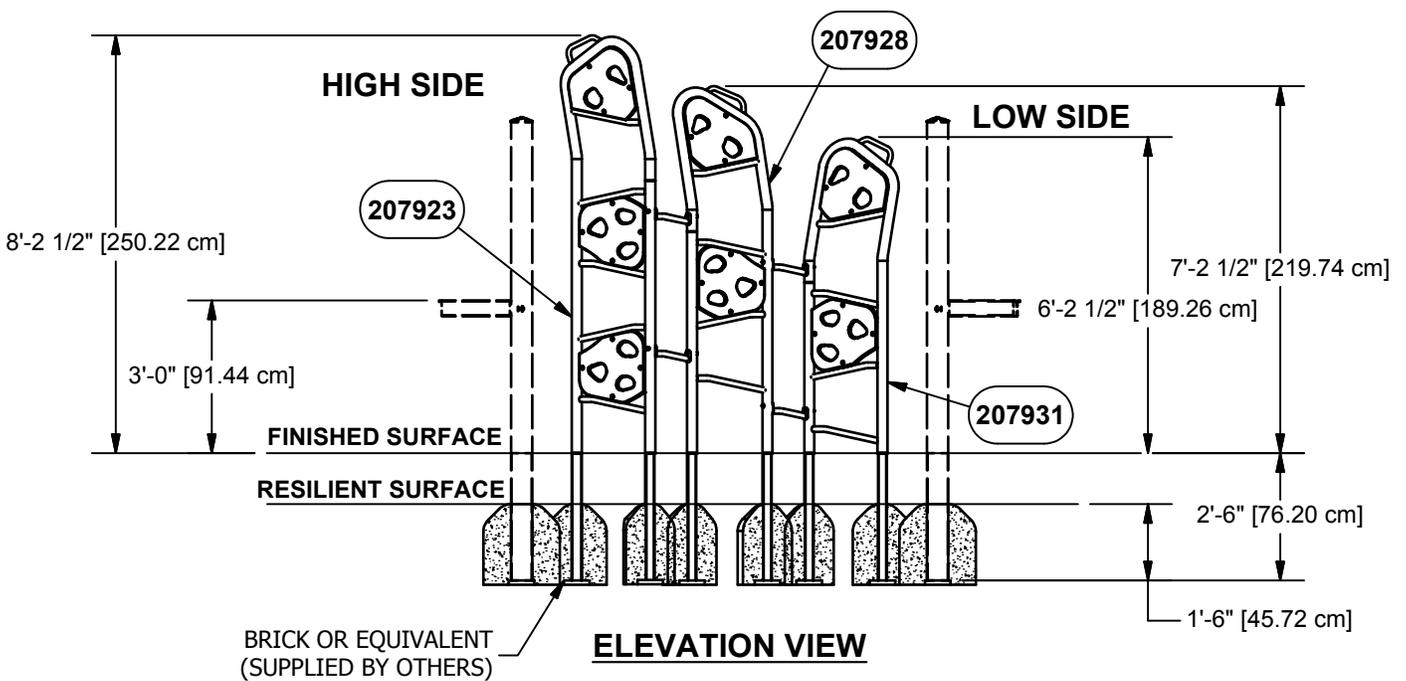
ASSEMBLY VIEW

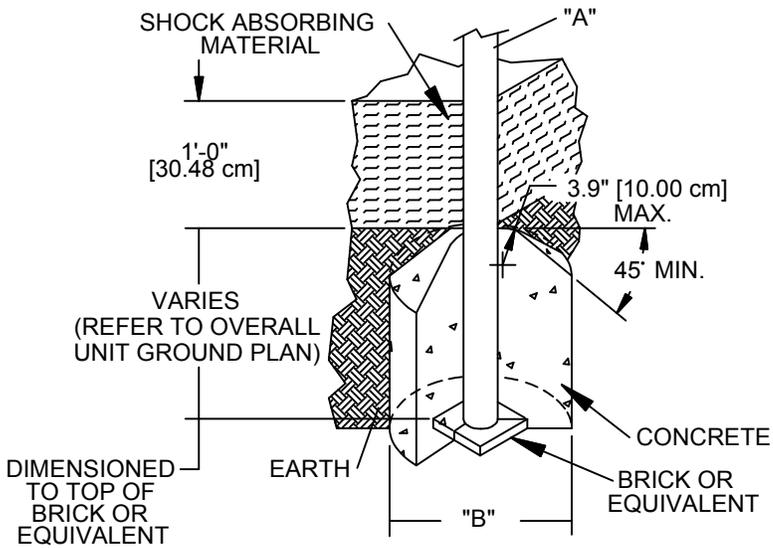


NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



TOP VIEW





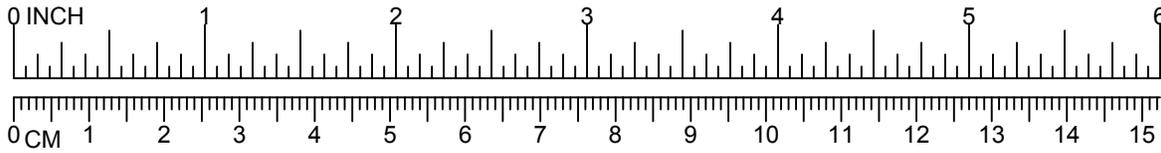
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]

NOTES:

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

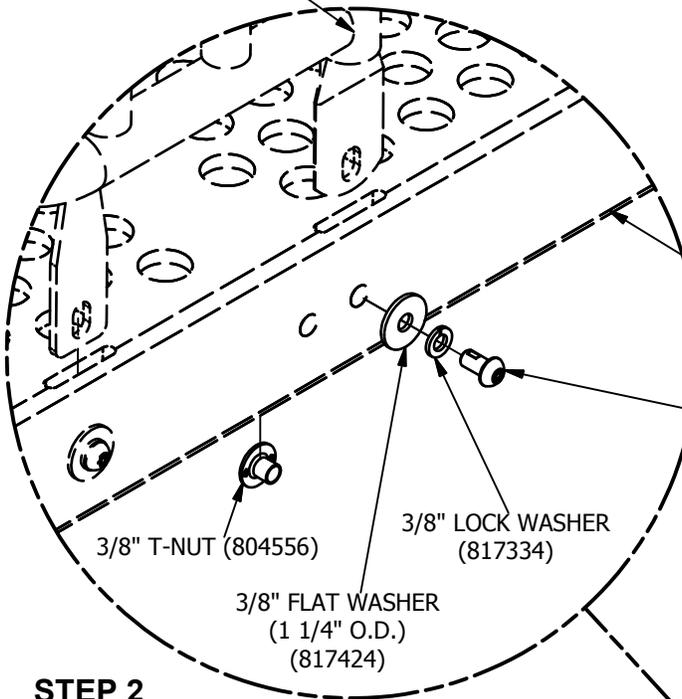
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

FOOTING DETAIL



BARRIER WELD ASSEMBLY

STEP 1:
INSERT TAB OF ENTRY
BARRIER WELD ASSEMBLY
INTO SLOT OF DECK.



EXISTING DECK

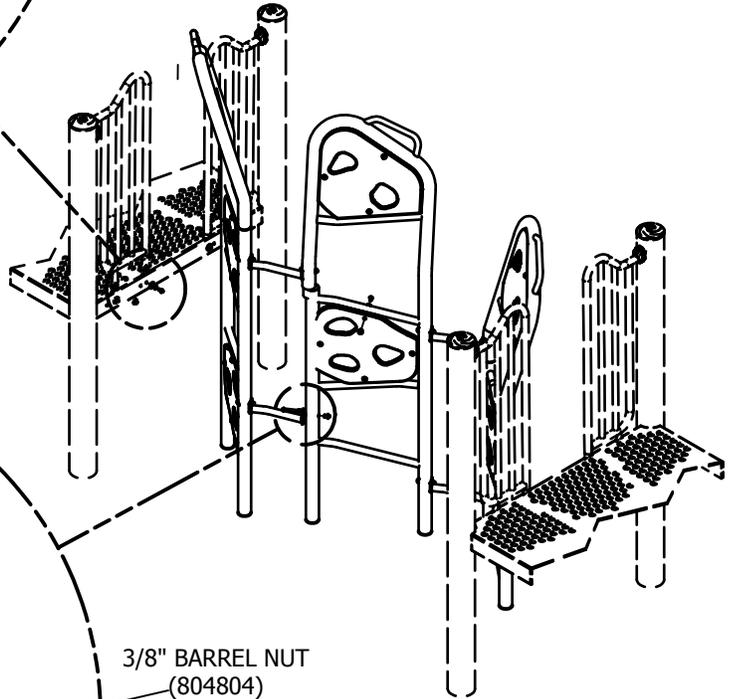
3/8" x 3/4" P.B.H.C.S.
w/PATCH (812052)

3/8" T-NUT (804556)

3/8" LOCK WASHER
(817334)

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

STEP 2
4 PLACES



3/8" LOCK WASHER
(817334)

3/8" x 2 1/2"
P.B.H.C.S. w/PATCH
(812057)

3/8" BARREL NUT
(804804)

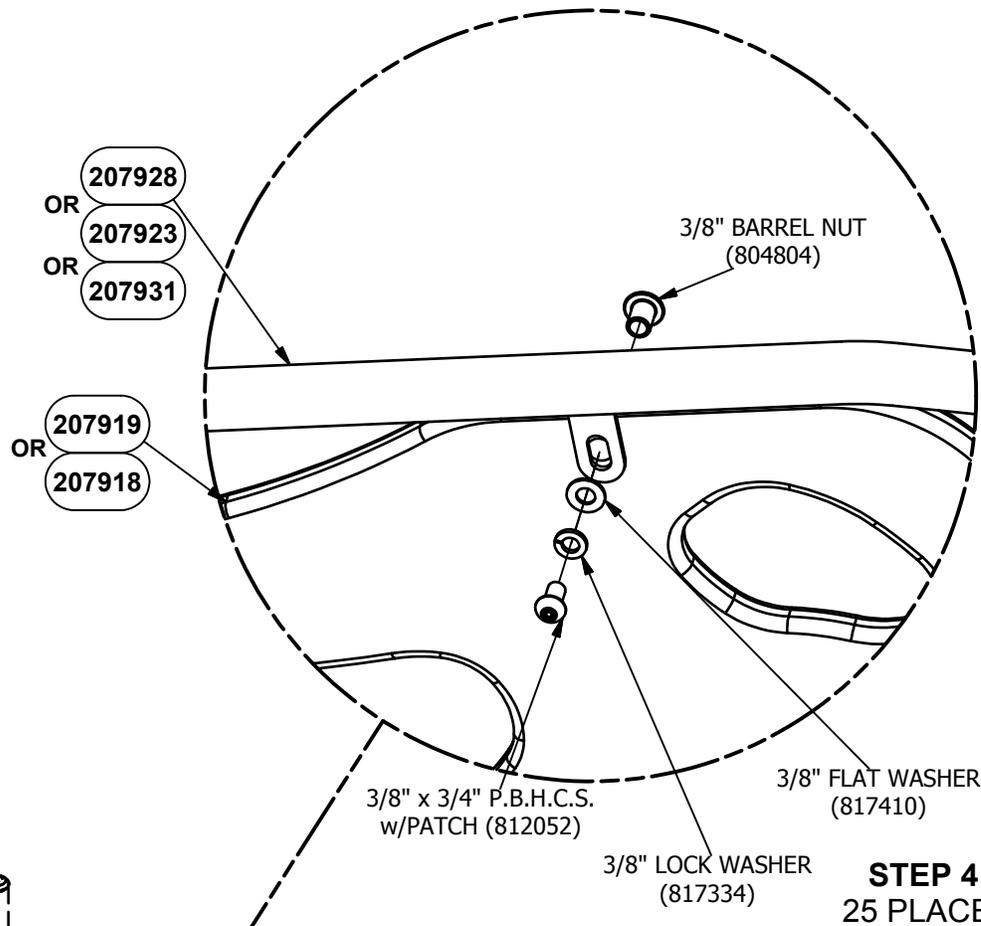
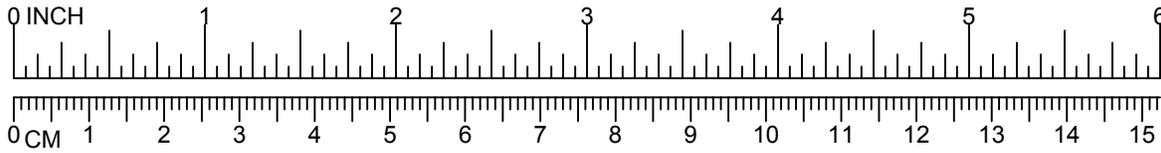
208246

207928

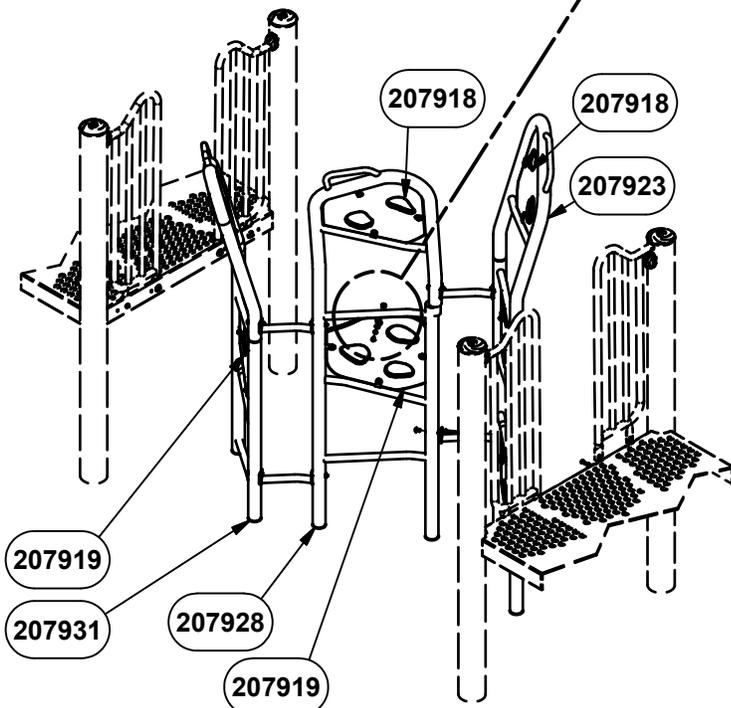
STEP 3
8 PLACES

DETAIL VIEW

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**



STEP 4
25 PLACES



DETAIL VIEW

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

Parts List		
DESCRIPTION	QTY	PART NUMBER
CLIFF WALL LARGE WELD ASS'Y	1	207923
CLIFF WALL MEDIUM WELD ASS'Y	1	207928
CLIFF WALL SMALL WELD ASS'Y	1	207931
CLIFF WALL TOP PANEL	3	207918
CLIFF WALL PANEL	4	207919
HARDWARE COMPLETE	1	207920
3/8" BARREL NUT	33	804804
3/8" LOCK WASHER	37	817334
3/8" FLAT WASHER	25	817410
3/8" x 3/4" P.B.H.C.S. w/PATCH	29	812052
3/8" FLAT WASHER (1 1/4" O.D.)	4	817424
3/8" T-NUT	4	804556
BRACE WELD ASS'Y	4	208246
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	8	812057

*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: 8/4/22

91307 TIMBERS TRANSFER FOR GFRC

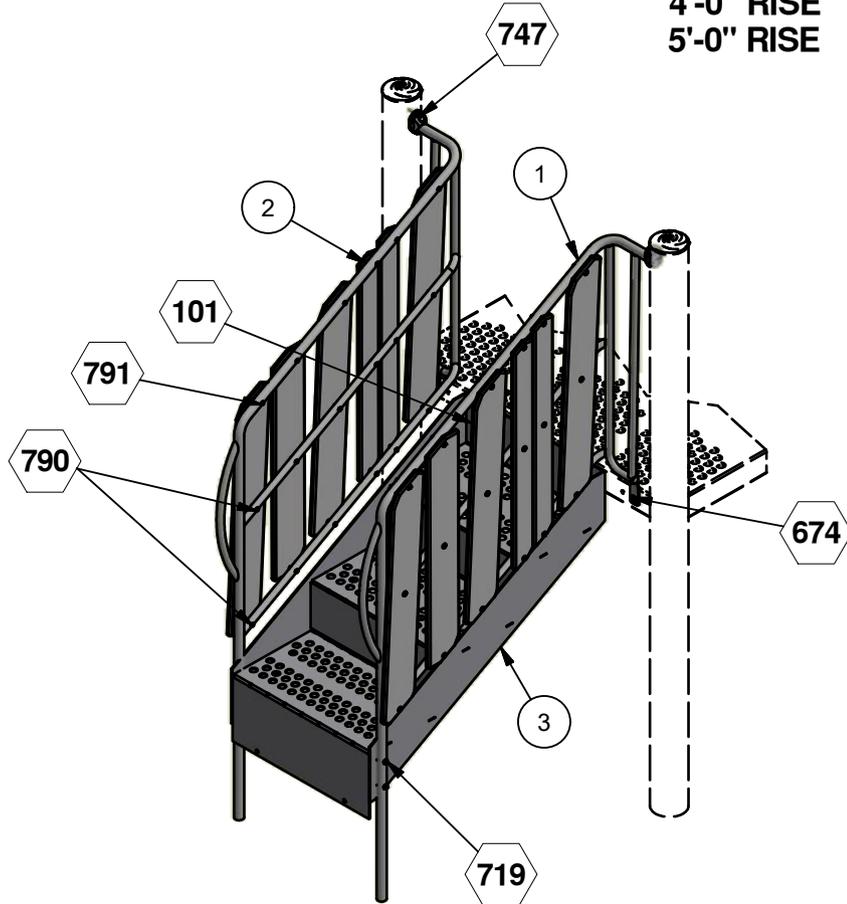
-  = INSTALLATION
-  = PARTS LIST REFERENCE

3'-0" RISE	91307
4'-0" RISE	91308
5'-0" RISE	91309

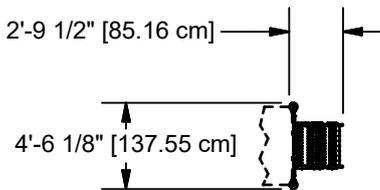


INSTALLATION INSTRUCTIONS

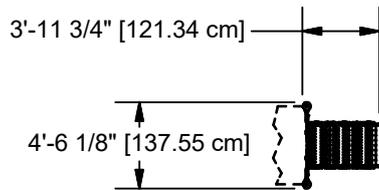
- Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
- Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.



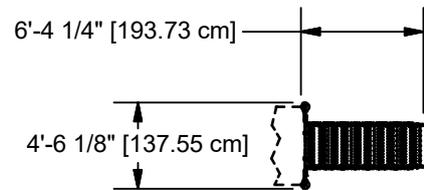
**ASSEMBLY DRAWING
91308 SHOWN**



91307

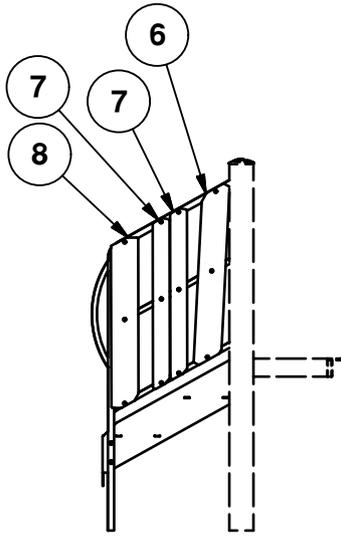


91308

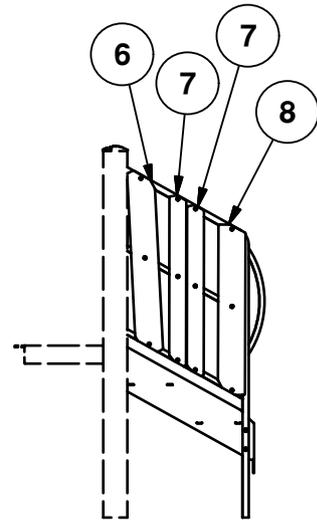


91309

TOP VIEWS



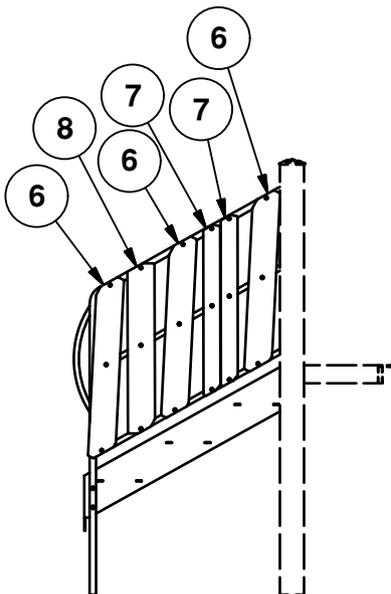
RIGHT



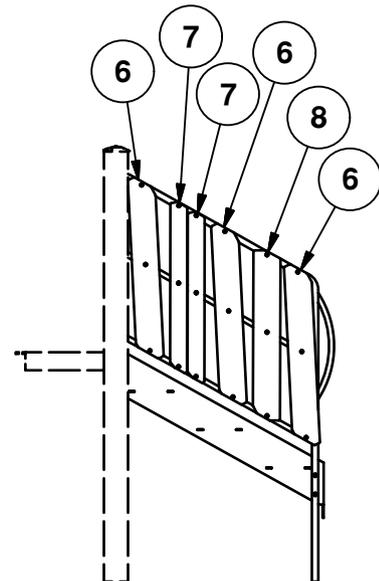
LEFT

TIMBER PACKAGE 207454		
REF	DESCRIPTION	PART NUMBER
6	TIMBER 11 (SAND)	207195
7	TIMBER 12 (GRAY)	207196
8	TIMBER 13 (TUDOR BROWN)	207197

TIMBER LOCATION
91307 SHOWN



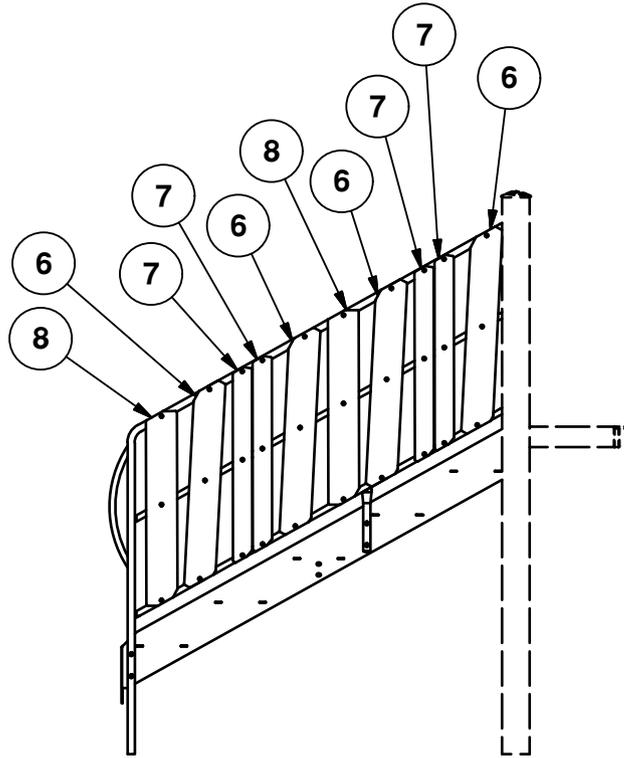
RIGHT



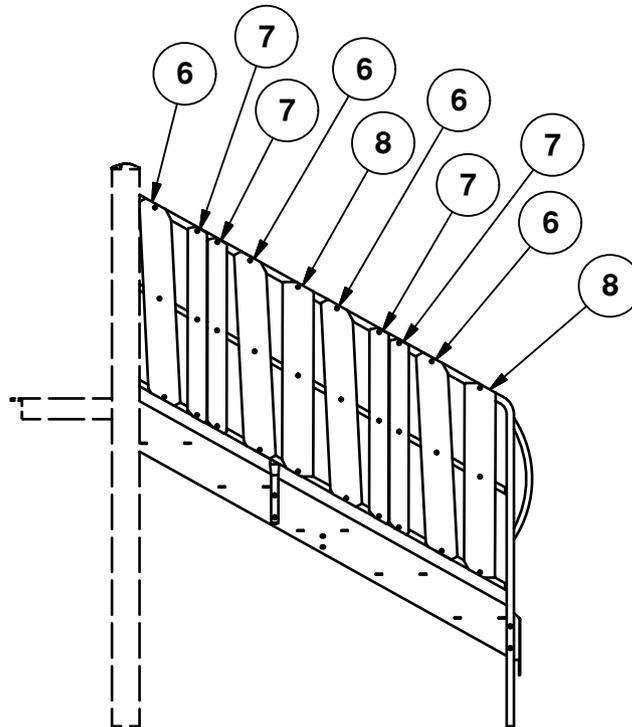
LEFT

TIMBER PACKAGE 207455		
REF	DESCRIPTION	PART NUMBER
6	TIMBER 11 (SAND)	207195
7	TIMBER 12 (GRAY)	207196
8	TIMBER 13 (TUDOR BROWN)	207197

TIMBER LOCATION
91308 SHOWN



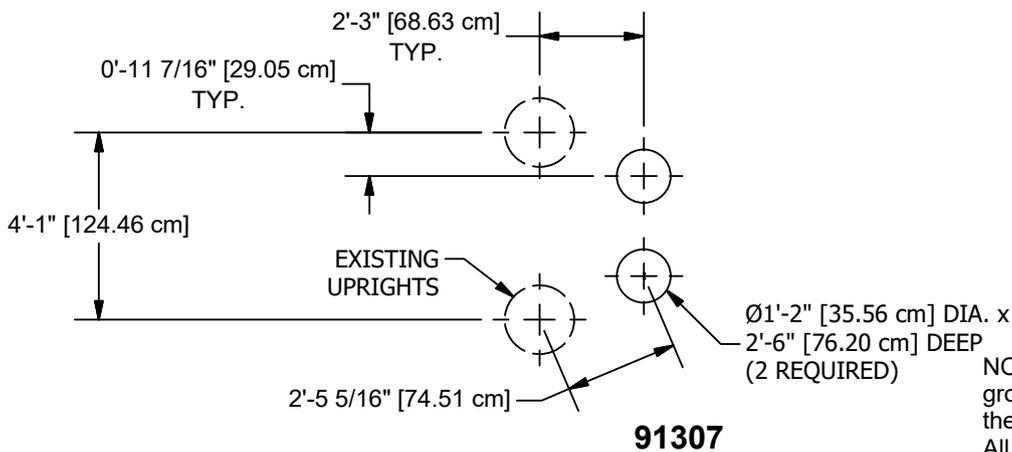
RIGHT



LEFT

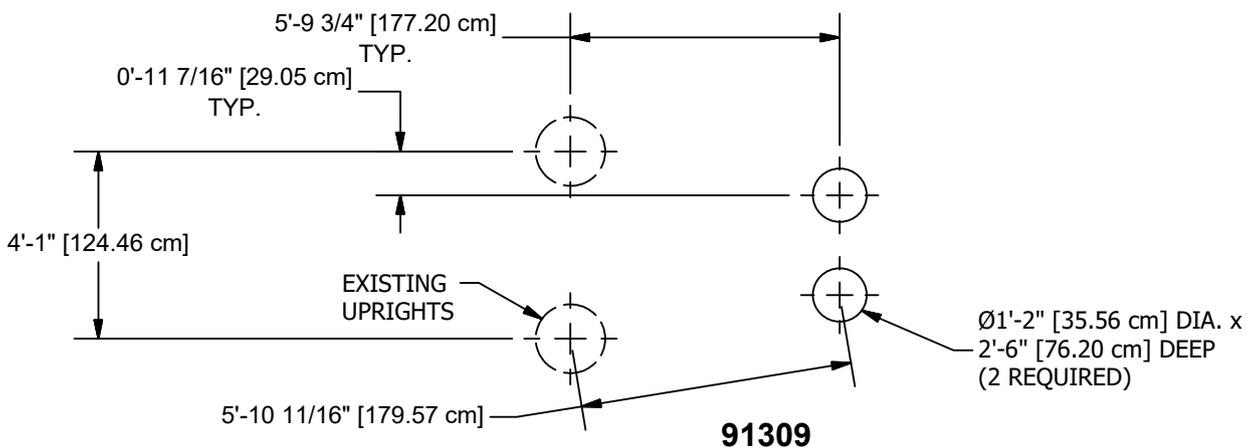
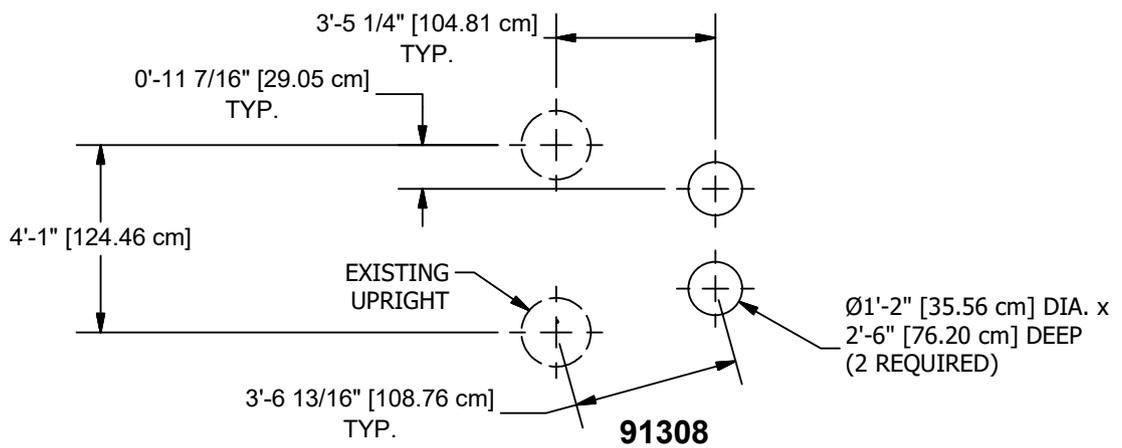
TIMBER PACKAGE 207456		
REF	DESCRIPTION	PART NUMBER
6	TIMBER 11 (SAND)	207195
7	TIMBER 12 (GRAY)	207196
8	TIMBER 13 (TUDOR BROWN)	207197

TIMBER LOCATION
91309 SHOWN



CONCRETE REQUIRED
.12 Cubic Yards
[.10 Cubic Meters]

NOTE: Hole depths indicated on all ground plans are measured from the finished surface. See Detail 032. All flooring dimensions are based on level finished surface.



GROUND PLANS

Parts List					
REF.	DESCRIPTION	91307	91308	91309	PART NUMBER
1	RIGHT TRANSFER PLATFORM WELD ASSEMBLY	1	0	0	207168
1	RIGHT TRANSFER PLATFORM WELD ASSEMBLY	0	1	0	207178
1	RIGHT TRANSFER PLATFORM WELD ASSEMBLY	0	0	1	207190
2	LEFT TRANSFER PLATFORM WELD ASSEMBLY	1	0	0	207163
2	LEFT TRANSFER PLATFORM WELD ASSEMBLY	0	1	0	207173
2	LEFT TRANSFER PLATFORM WELD ASSEMBLY	0	0	1	207183
3	STEP ASS'Y	1	0	0	160670
3	STEP ASS'Y	0	1	0	160674
3	STEP ASS'Y	0	0	1	160667
	TRU-LOC	2	2	2	A03650
	TIMBER PACKAGE	1	0	0	207454
6	TIMBER 11	2	0	0	207195**
7	TIMBER 12	4	0	0	207196**
8	TIMBER 13	2	0	0	207197**
	TIMBER PACKAGE	0	1	0	207455
6	TIMBER 11	0	6	0	207195**
7	TIMBER 12	0	4	0	207196**
8	TIMBER 13	0	2	0	207197**
	TIMBER PACKAGE	0	0	1	207456
6	TIMBER 11	0	0	8	207195**
7	TIMBER 12	0	0	8	207196**
8	TIMBER 13	0	0	4	207197**
	HARDWARE COMPLETE	1	0	0	222076
	HARDWARE COMPLETE	0	1	0	222077
	HARDWARE COMPLETE	0	0	1	222078
	3/8" x 3/4" P.B.H.C.S. w/PATCH	4	4	4	812052*
	3/8" x 1 3/4" P.B.H.C.S. w/PATCH	4	4	4	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.)	4	4	4	817424*
	3/8" LOCK WASHER	10	10	10	817334*
	3/8" T-NUT	8	8	8	804556*
	5/16" x 1 3/4" P.B.H.C.S. w/PATCH	16	24	40	812047*
	5/16" x 2" P.B.H.C.S. w/PATCH	8	12	20	812046*
	NUT 5/16"- INSERT TYPE 1	24	36	60	HWN0149*
	ALUM. PIN	2	2	2	203568*

Unless Otherwise Specified, All Units of Measure are Each

** Included in Hardware*

*** Included in Timber Package*

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.

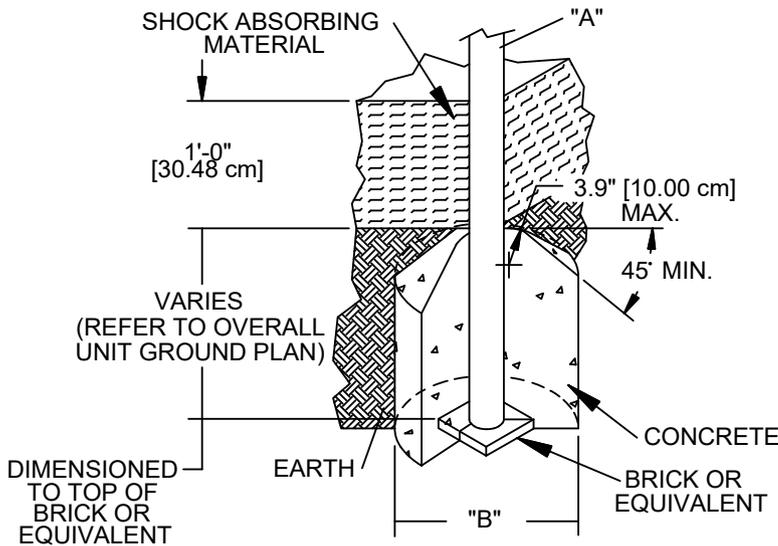
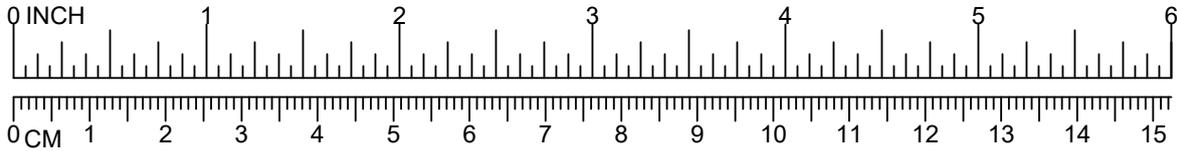
DETAILS -for- 91307, 91308 & 91309

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.



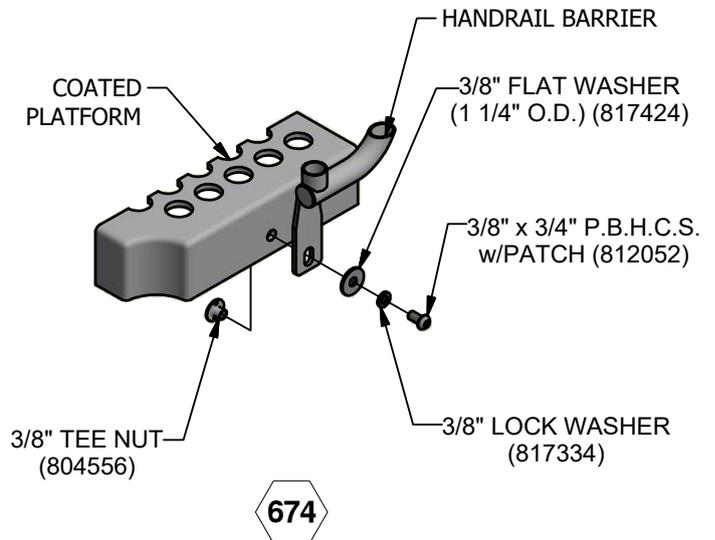
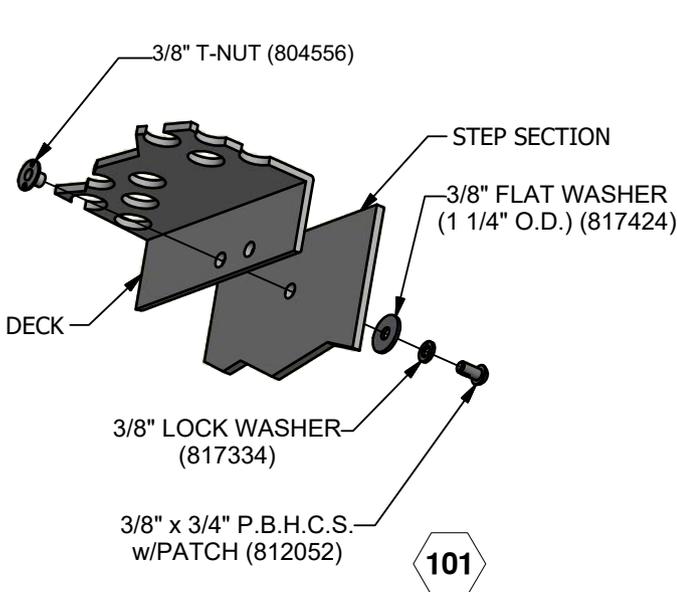
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]
TRACK RIDE & SWINGS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



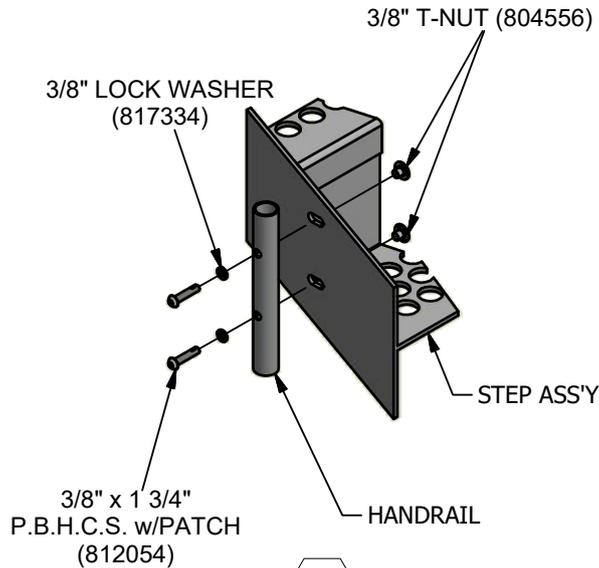
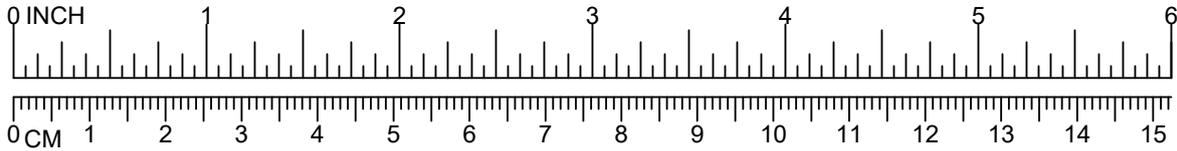
DETAILS -for- 91307, 91308 & 91309

IMPORTANT

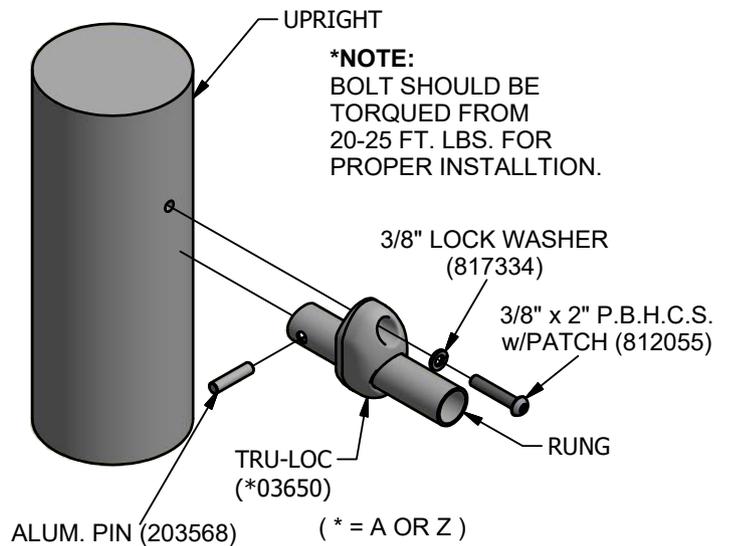
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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

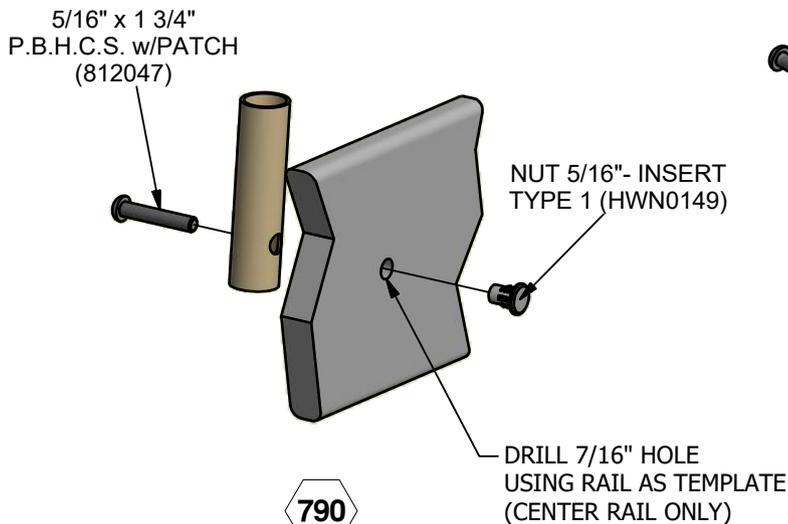
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



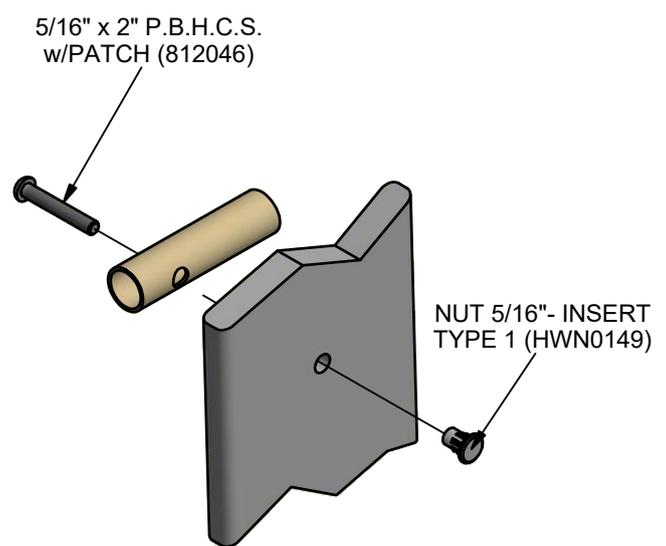
719



747



790



791

PowerScape®

GameTime®

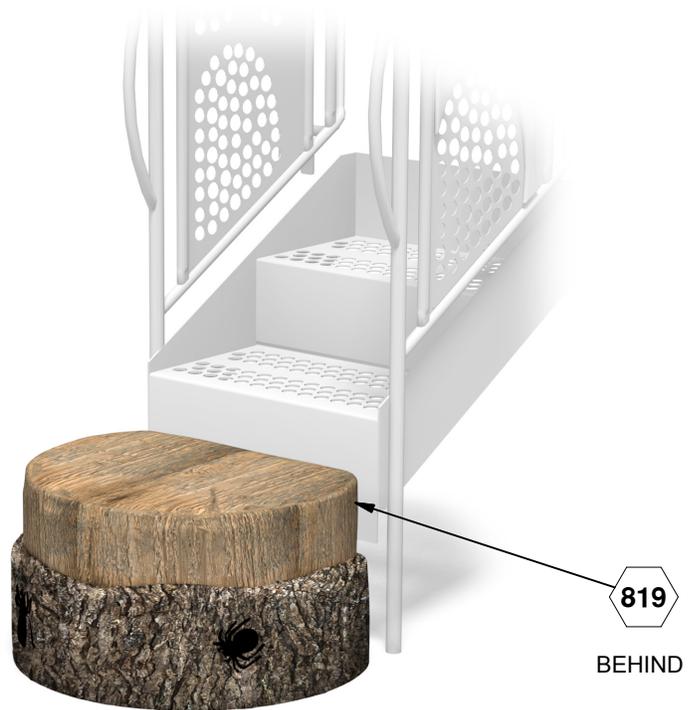
A PLAYCORE company

1-800-235-2440

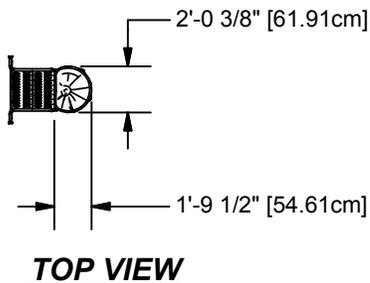
ISSUED/REVISED: 11/23/15

91320 STUMP PLATFORM

- ⬡ = INSTALLATION
DETAIL
- = PARTS LIST
REFERENCE



ASSEMBLY VIEW



SPECIFICATIONS

Fiberglass Reinforced Cement (GFRC): A cement/aggregate slurry reinforced throughout with chopped glass fibers. Cement used shall be Type 1 Portland cement meeting the requirement of the ASTM C 150. Sand shall be washed silica sand passing a U.S. No. 20 sieve, and conforming to ASTM C 144. Glass Fibers shall be alkali-resistant (AR) fiber specifically designed for use in concrete and chopped to 1" - 2" lengths. Thickness of the cast panels shall be a minimum of 5/8" ranging to 1 1/2" depending on the face configuration. Embossing Mortar and

Cement Plaster: Site mixed cement/aggregate meeting the same criteria as 2.01 A, but omitting the glass fibers; for filling the irregular voids between mold-cast panels and/or special themed features. **Backup Material:** Shall be galvanized steel "diamond lath", tied in place with annealed steel wire and reinforced with #3 or #4 steel reinforcing rods. Minimum physical properties shall be: 1500 pounds per square inch in tension and 5000 pounds per square inch in compression.

INSTALLATION INSTRUCTIONS

NOTE: THIS SPECIFICATION BOOKLET SHOULD BE KEPT IN CUSTOMER'S 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.

STEP 1: Dig required footing hole. 25" x 30" x 8" depth min.

STEP 2: Fill footing hole with concrete.

NOTE: Allow 48 hours minimum for concrete to cure before installing play feature.

STEP 3: Carefully guide Fork Lift blades through fork pockets.

and attach free ends to lifting machinery

NOTE: If lifting straps are used instead, they should be nylon to prevent damage to GFRC finish. If any other type of strap is used, use foam padding under the strap to prevent damage to GFRC finish.

NOTE: Lifting strap and lifting machinery rated for 2500 lbs min.

STEP 4: Carefully place and center play feature onto fully cured concrete footing. Secure with wedge anchors (QTY 4)

STEP 5: After play feature is in place and secured, remove all remaining packaging material. Inspect feature for blemishes. Use included repair kit as needed.

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	GFRC STUMP PLATFORM	1	209056
	HARDWARE COMPLETE	1	208082
	3/8" x 1 1/4" P.B.H.C.S.	2	812053*
	3/8" LOCKWASHER	2	817334*
	3/8" FLATWAHSER	2	817424*
	1/2" x 4 1/4" WEDGE ANCHOR	4	800082*

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.



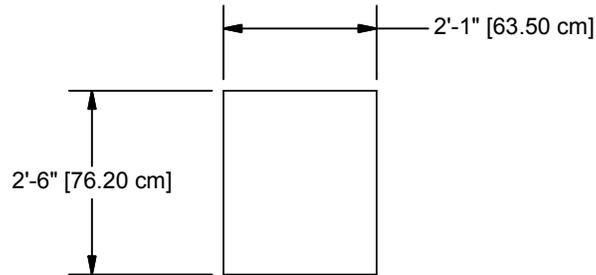
IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



- 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.
- 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.

GENERAL NOTES:

- Inspect all pieces before unloading from truck for damages incurred during shipping
- Leave as much packaging in place on play features as possible, without interfering with handling, to help protect the finish from damage during placement.
- Due to variables in local soil conditions, footing sizes may vary to meet local codes.
- Actual on-site conditions may vary and may require modifications to installation method.
- Use care and caution while handling play pieces. Make sure all points of contact are protected from lifting straps or other machinery that may damage the piece.
- Bracing materials may be required during installation.



GROUND PLAN

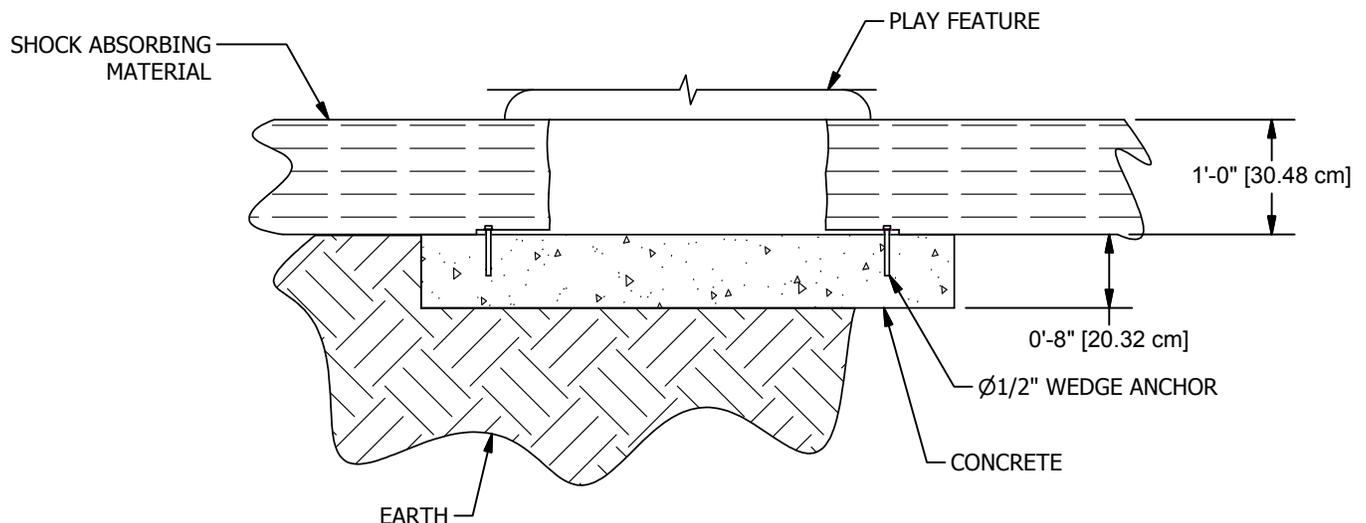
NOTE:

SUGGESTED MINIMUM CONCRETE RATING 3000 PSI.

CONCRETE REQUIRED (38110):

.13 CUBIC YARDS
.10 CUBIC METERS

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

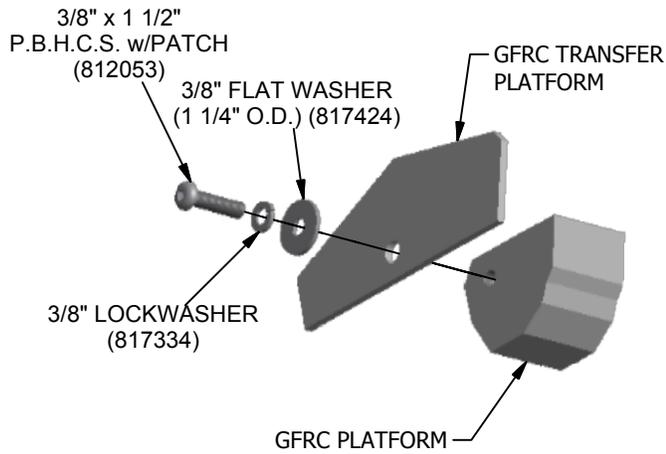
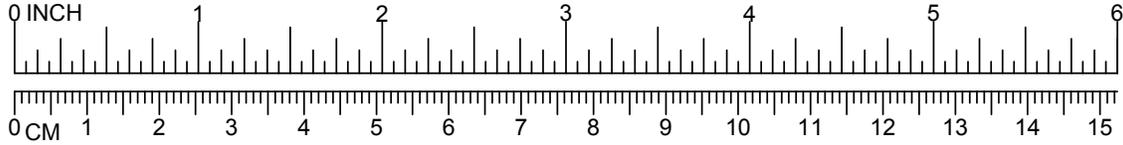
DETAILS -for- 91320

IMPORTANT

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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.



819

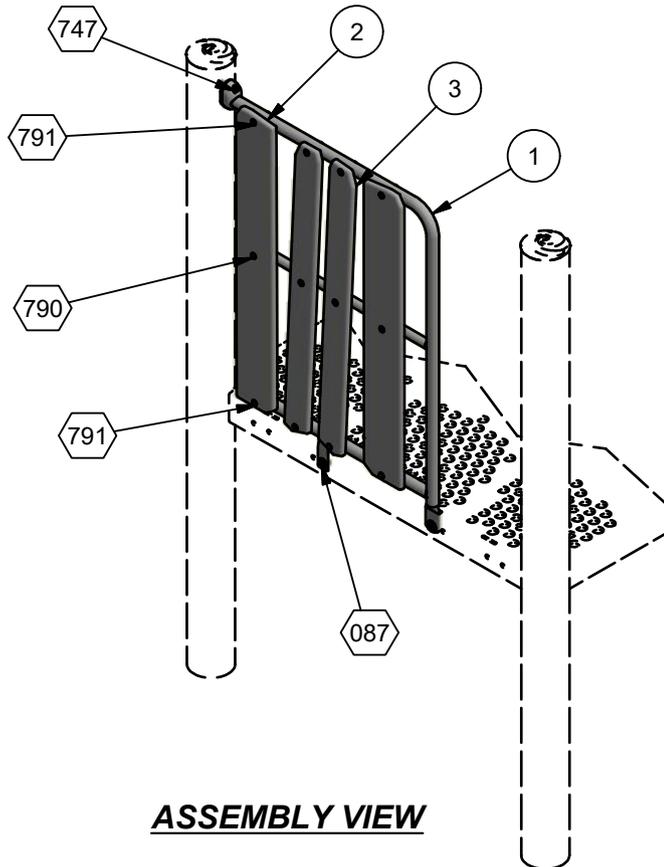
**91333
CLIMBER
OFFSET
ENTRYWAY (TIMBERS)**

-  = INSTALLATION
= DETAIL
-  = PARTS LIST
= REFERENCE

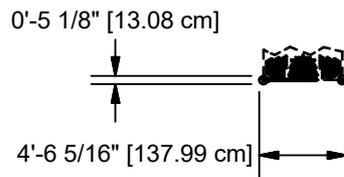


**INSTALLATION
INSTRUCTIONS**

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.



TIMBER PACKAGE - 207466		
REF	DESCRIPTION	PART NUMBER
2	TIMBER 18 (SAND)	207229
3	TIMBER 19 (GRAY)	207230



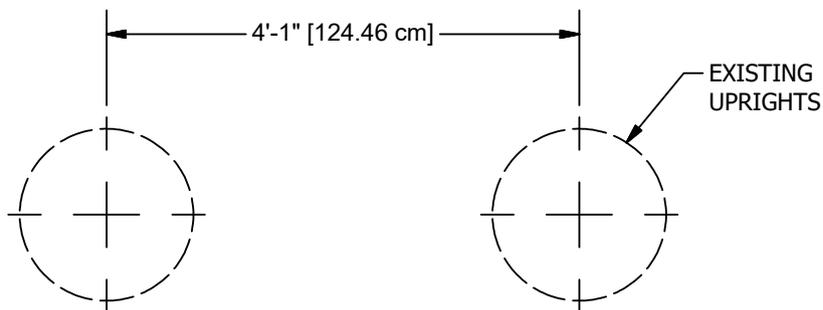
Parts List			
ITEM	DESCRIPTION	QTY	PART NUMBER
1	OFFSET ENCLOSURE ASSEMBLY	1	211081
	TIMBER PACKAGE	1	207466
2	TIMBER 18	2	207229**
3	TIMBER 19	2	207230**
	TRU-LOC	1	A03650
	HARDWARE COMPLETE	1	222083
	3/8" x 3/4" P.B.H.C.S. w/PATCH	2	812052*
	3/8" x 2" P.B.H.C.S. w/PATCH	1	812055*
	3/8" LOCK WASHER	2	817334*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
	3/8" T-NUT	2	804556*
	5/16" x 1 3/4" P.B.H.C.S. w/PATCH	4	812047*
	5/16" x 2" P.B.H.C.S. w/PATCH	8	812046*
	NUT 5/16"- INSERT TYPE 1	12	HWN0149*
	ALUM. PIN	1	203568*

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

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

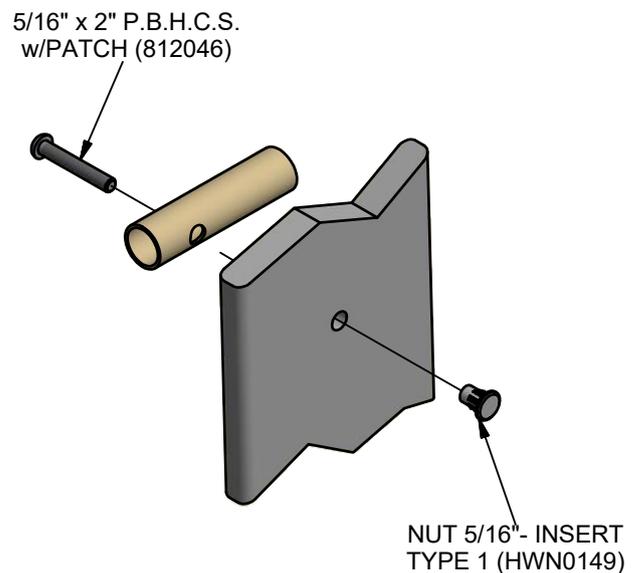
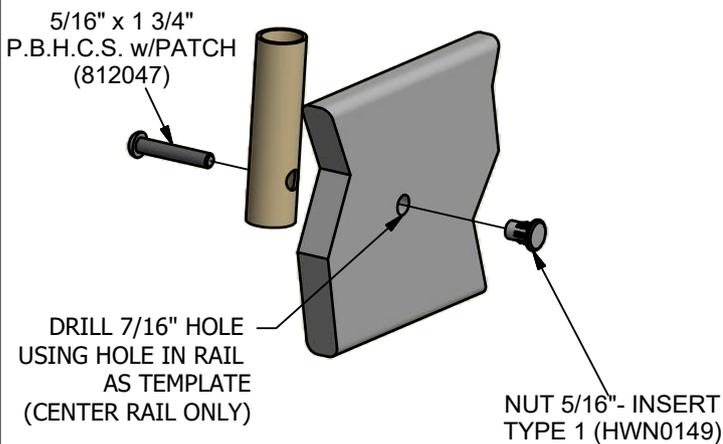
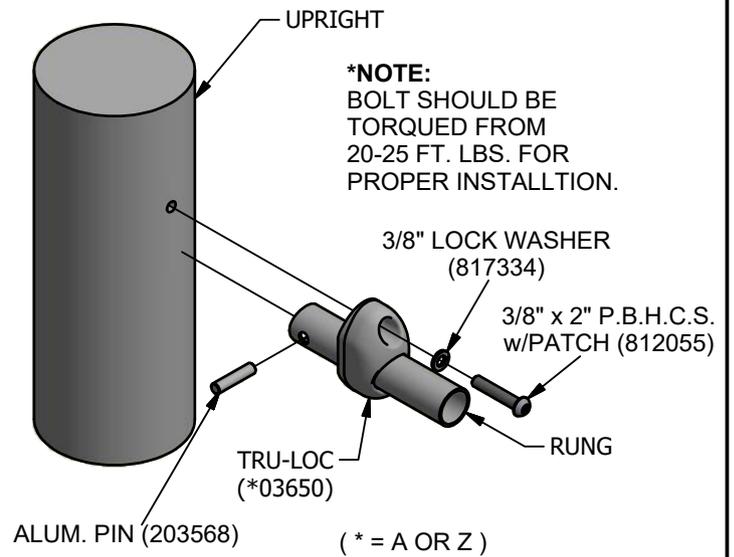
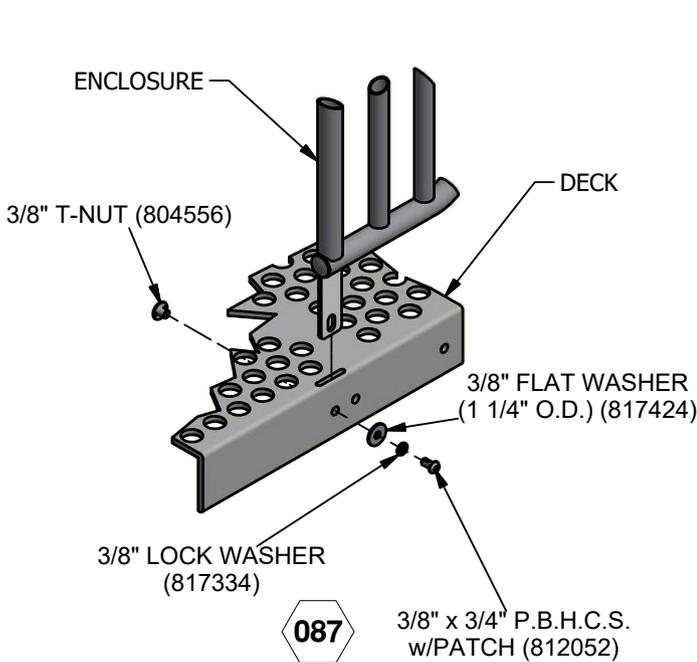
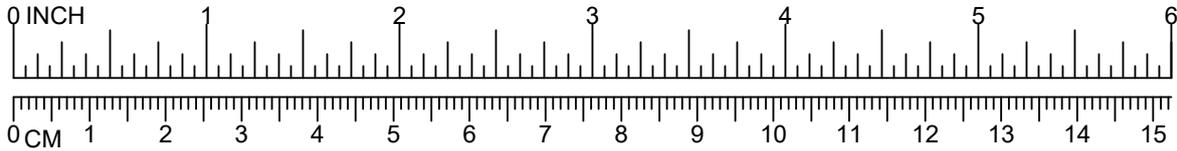
DETAILS -for- 91333

IMPORTANT

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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.



ALTUS X2 TOWER SPIRAL SLIDE



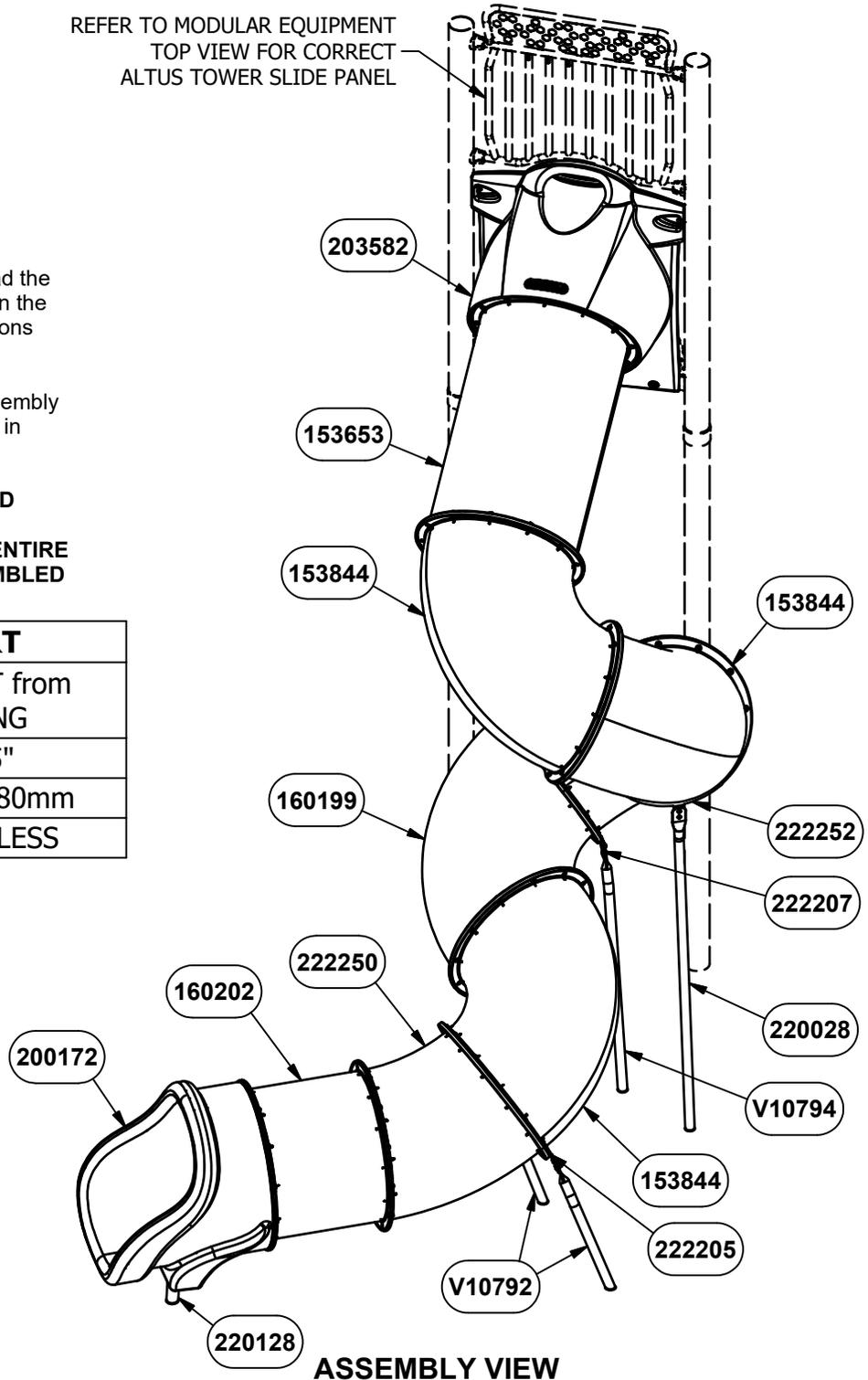
INSTALLATION INSTRUCTIONS

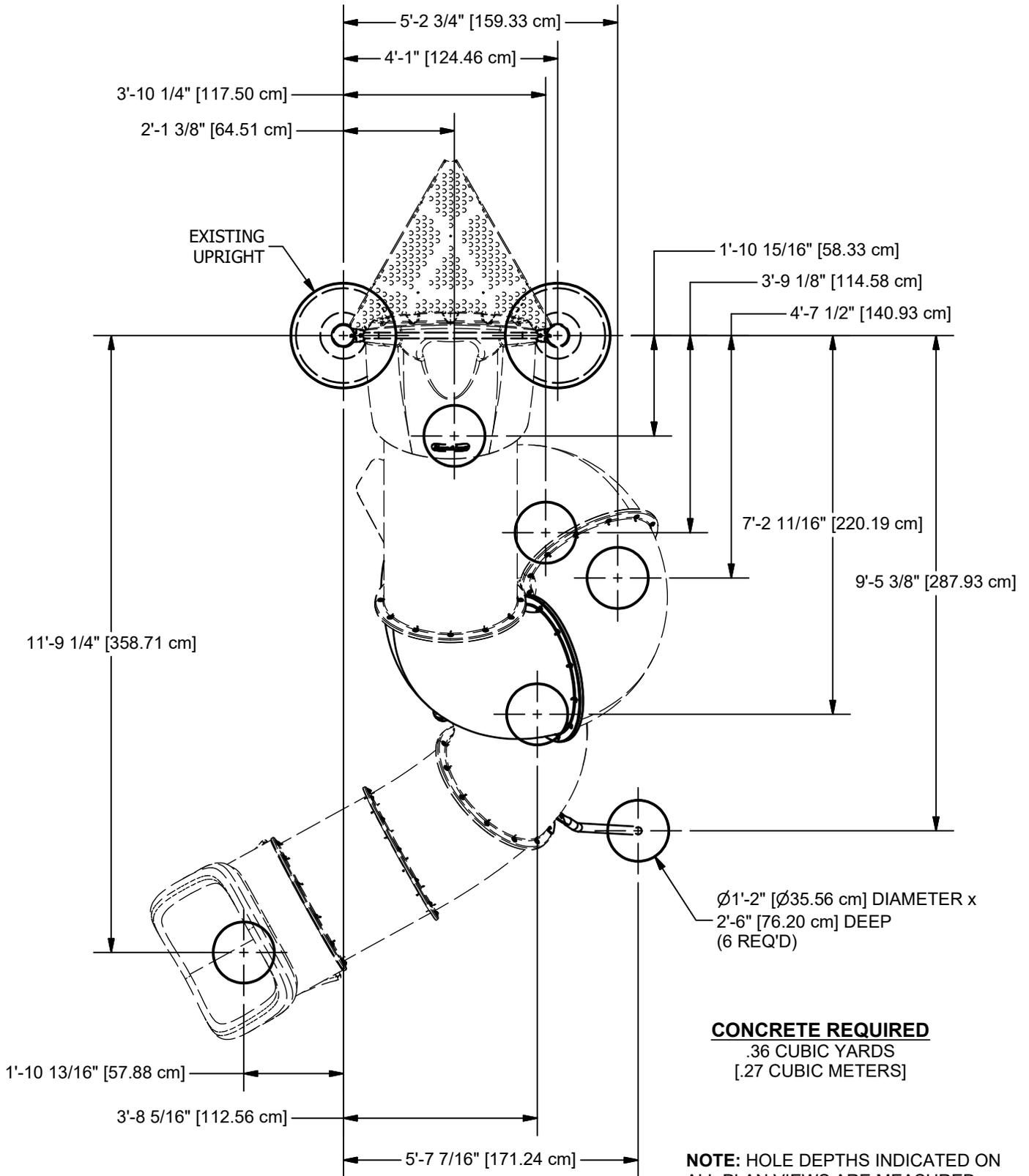
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. **LOCTITE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

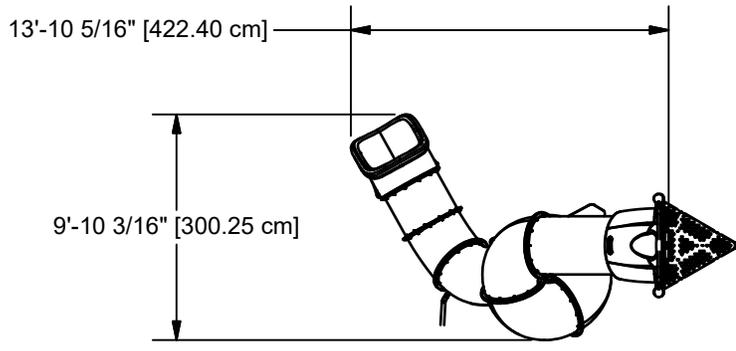
REFER TO MODULAR EQUIPMENT TOP VIEW FOR CORRECT ALTUS TOWER SLIDE PANEL



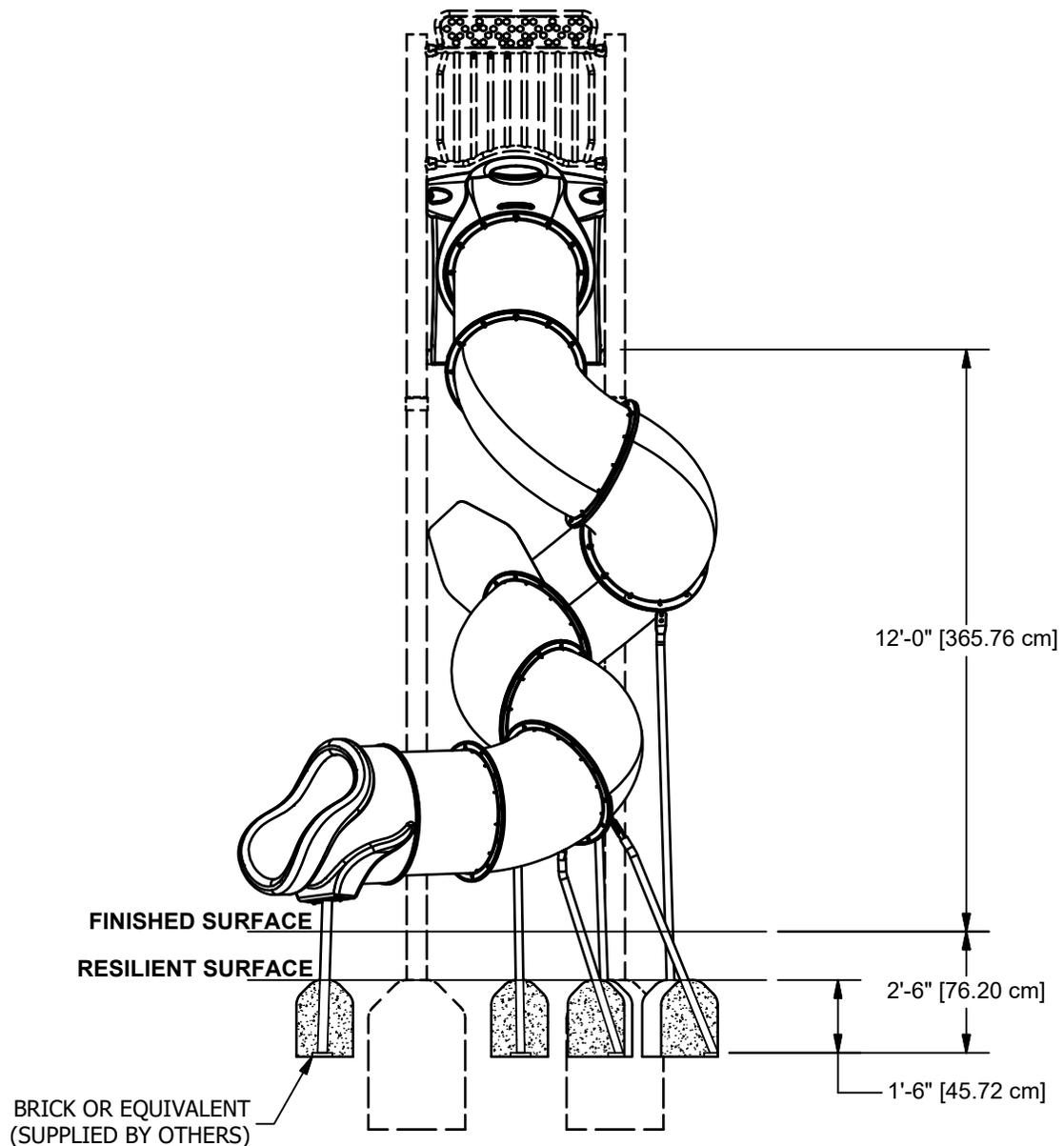


PLAN VIEW

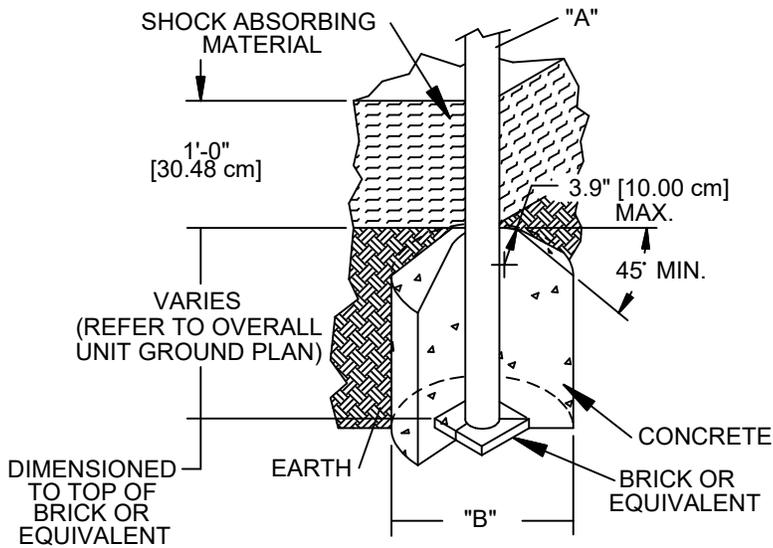
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



TOP VIEW



ELEVATION VIEW



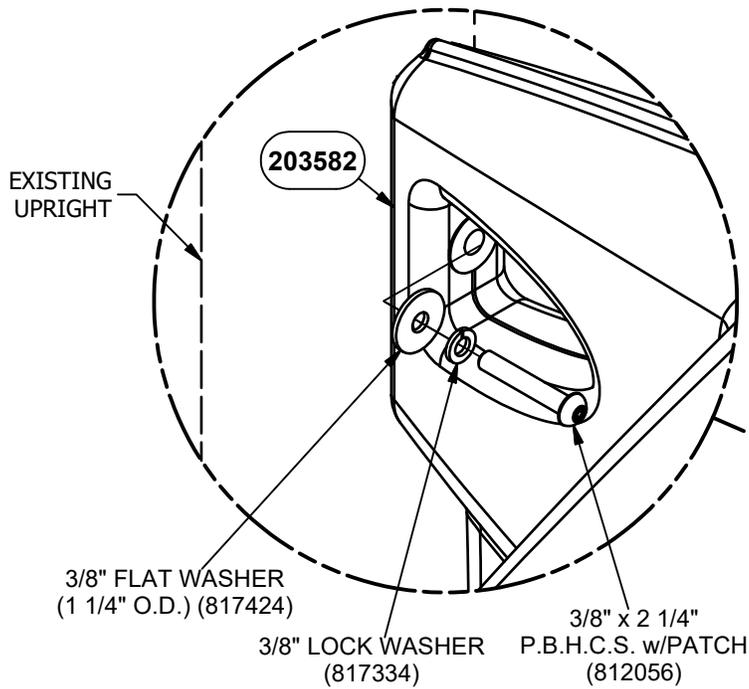
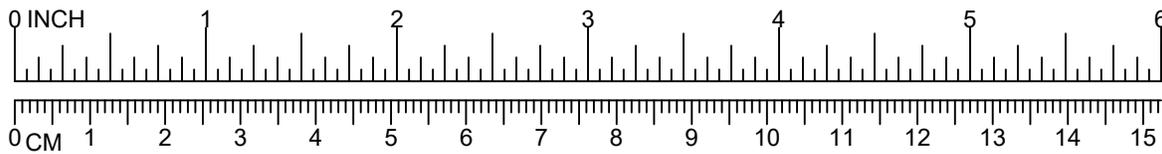
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72 cm]

NOTES:

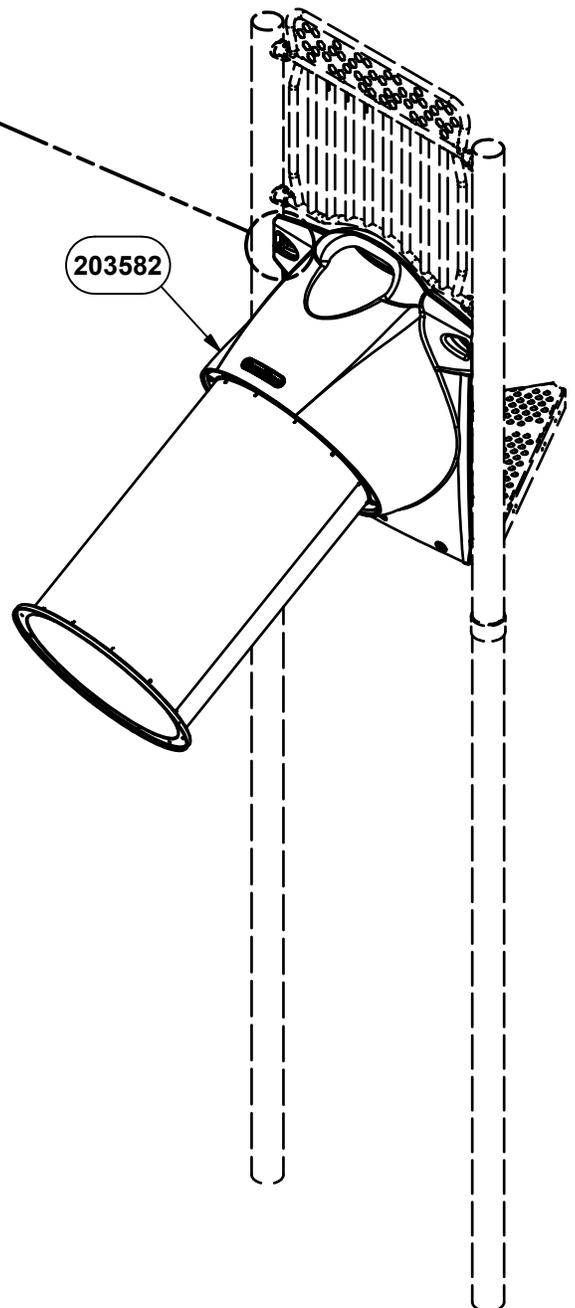
- SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

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

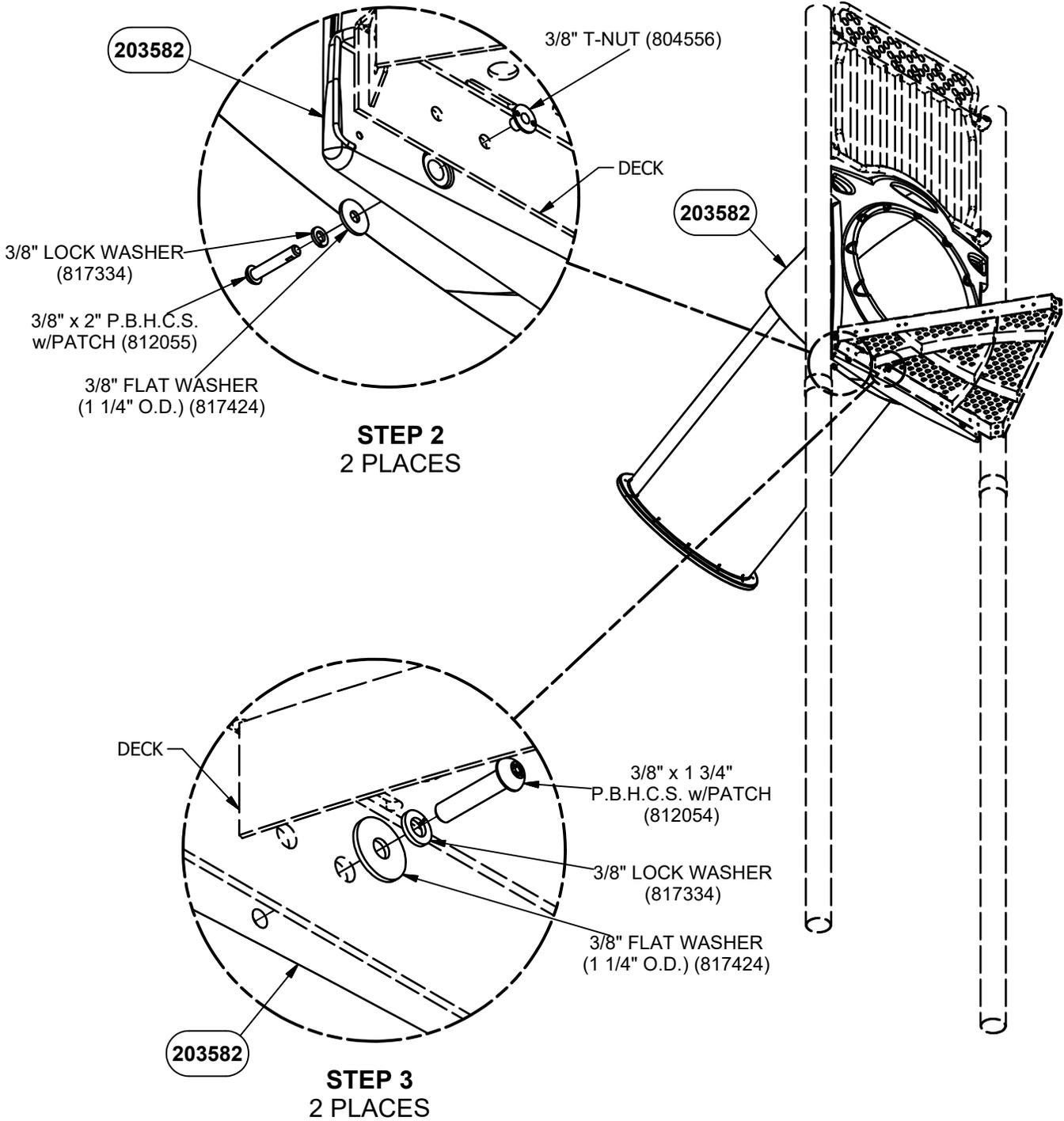
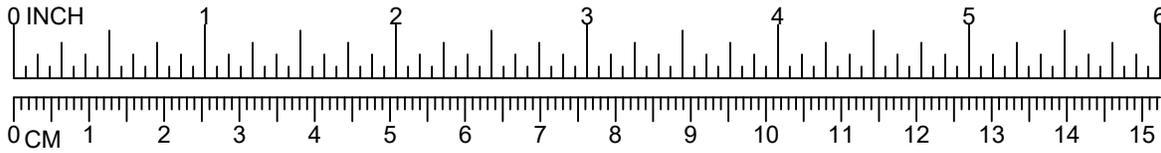


STEP 1
2 PLACES



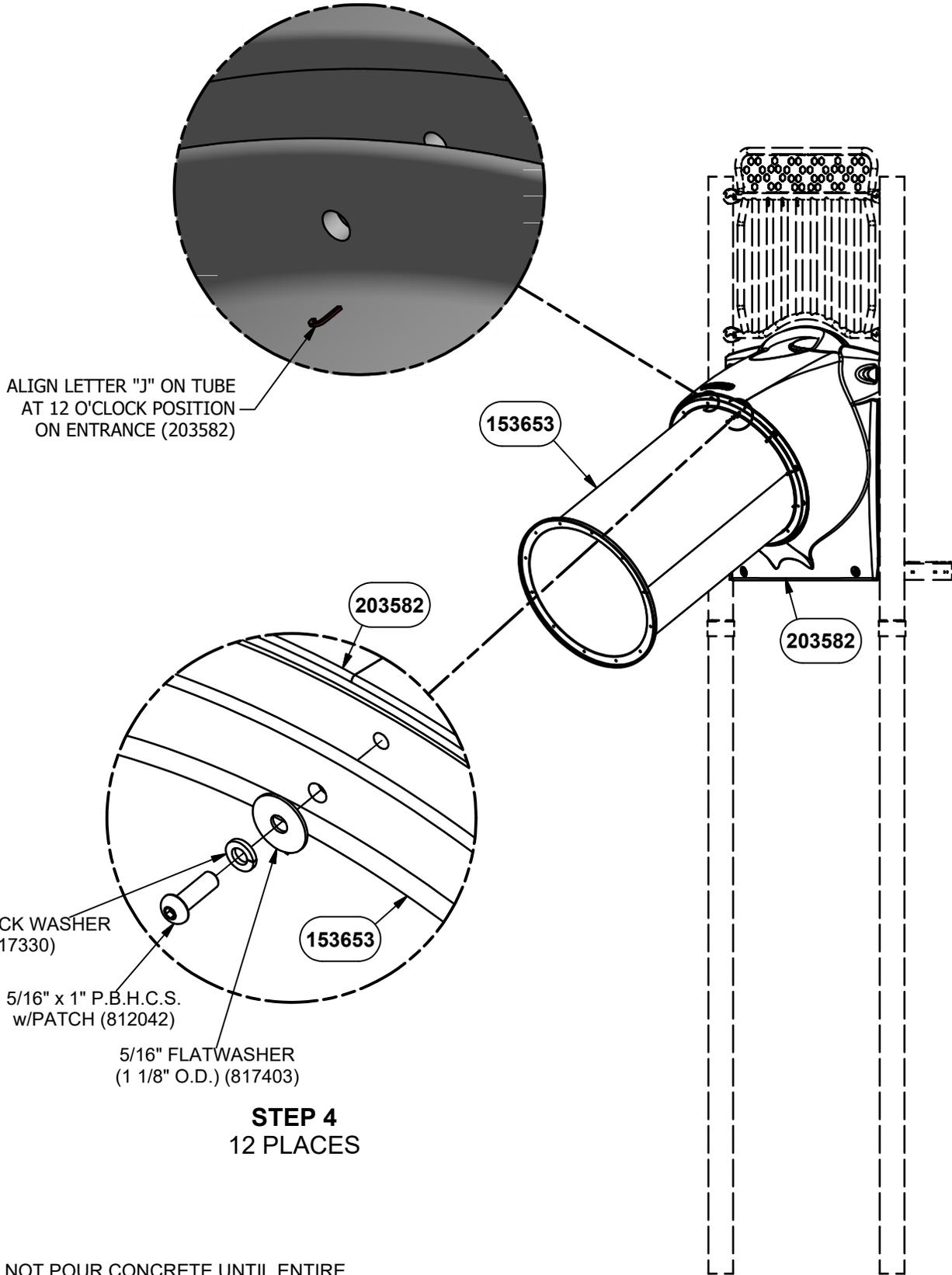
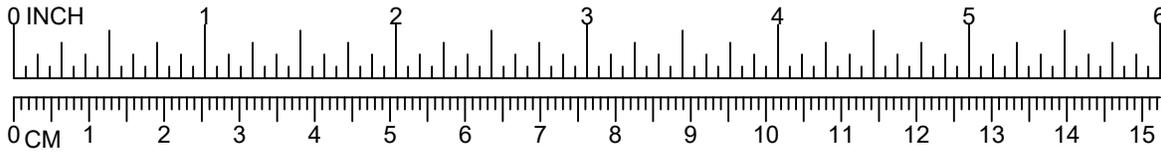
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



ALIGN LETTER "J" ON TUBE
AT 12 O'CLOCK POSITION
ON ENTRANCE (203582)

153653

203582

203582

5/16" LOCK WASHER
(817330)

5/16" x 1" P.B.H.C.S.
w/PATCH (812042)

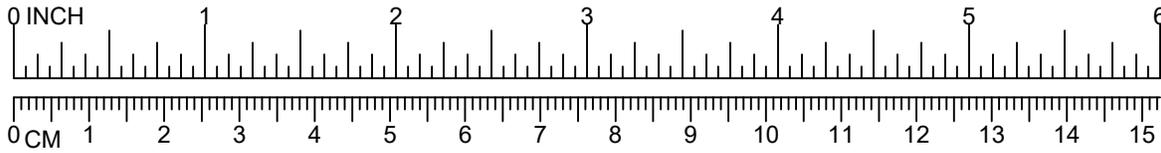
5/16" FLATWASHER
(1 1/8" O.D.) (817403)

153653

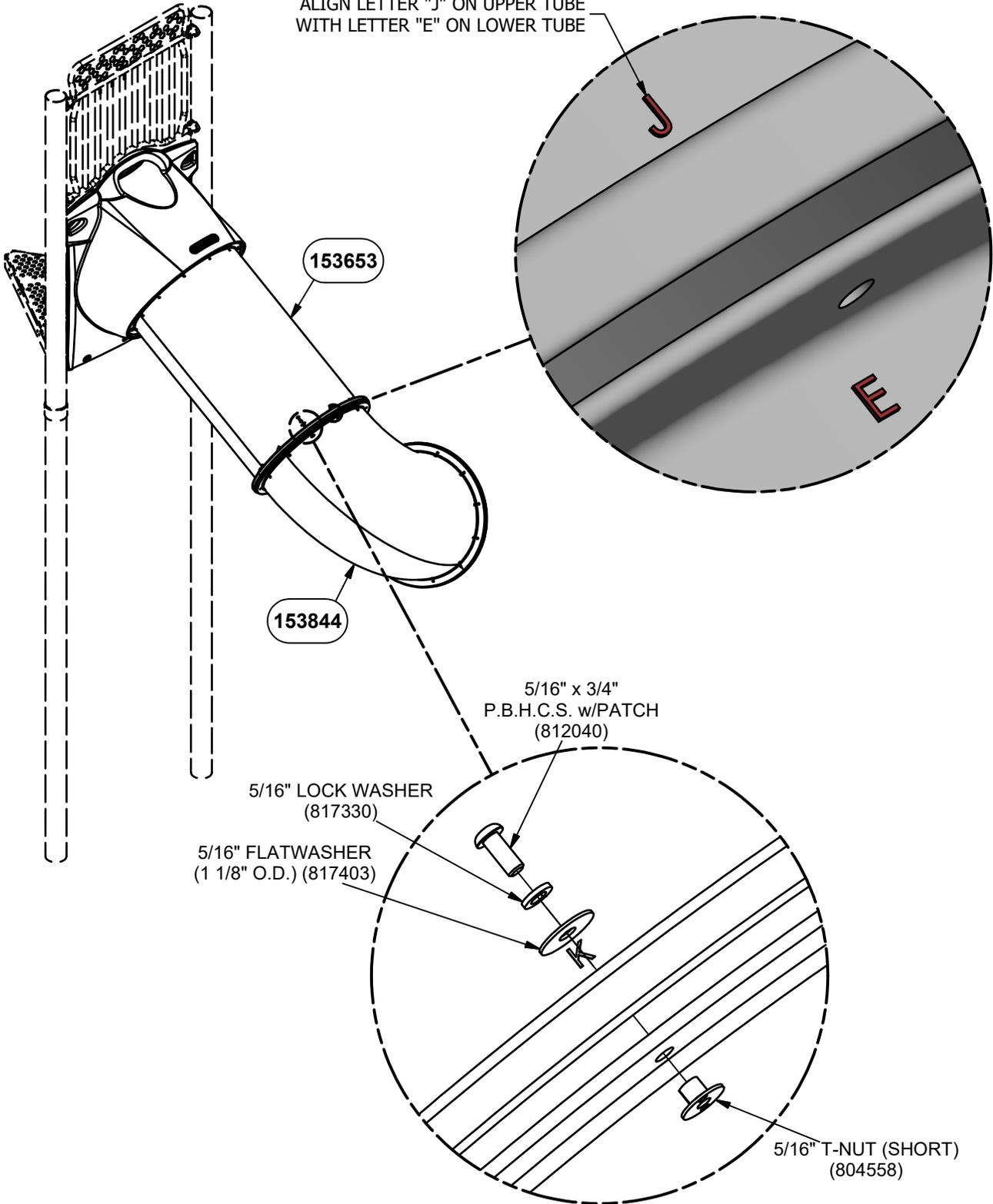
STEP 4
12 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



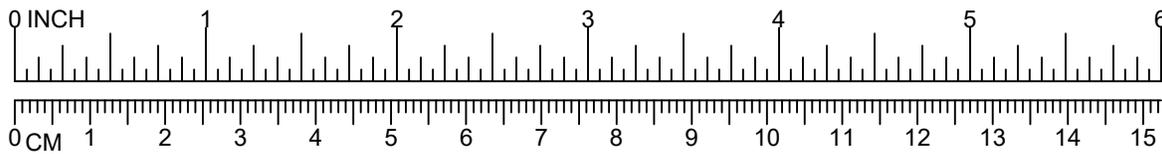
ALIGN LETTER "J" ON UPPER TUBE
WITH LETTER "E" ON LOWER TUBE



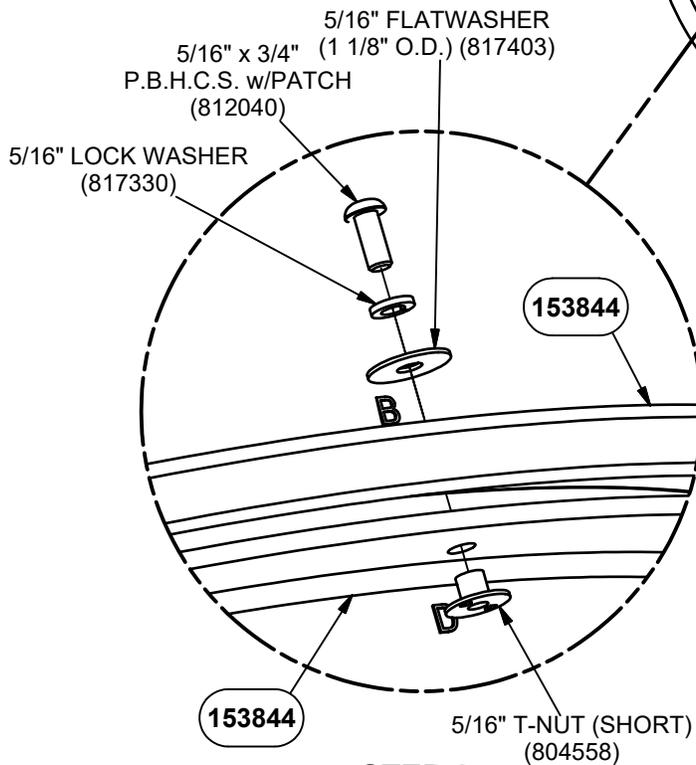
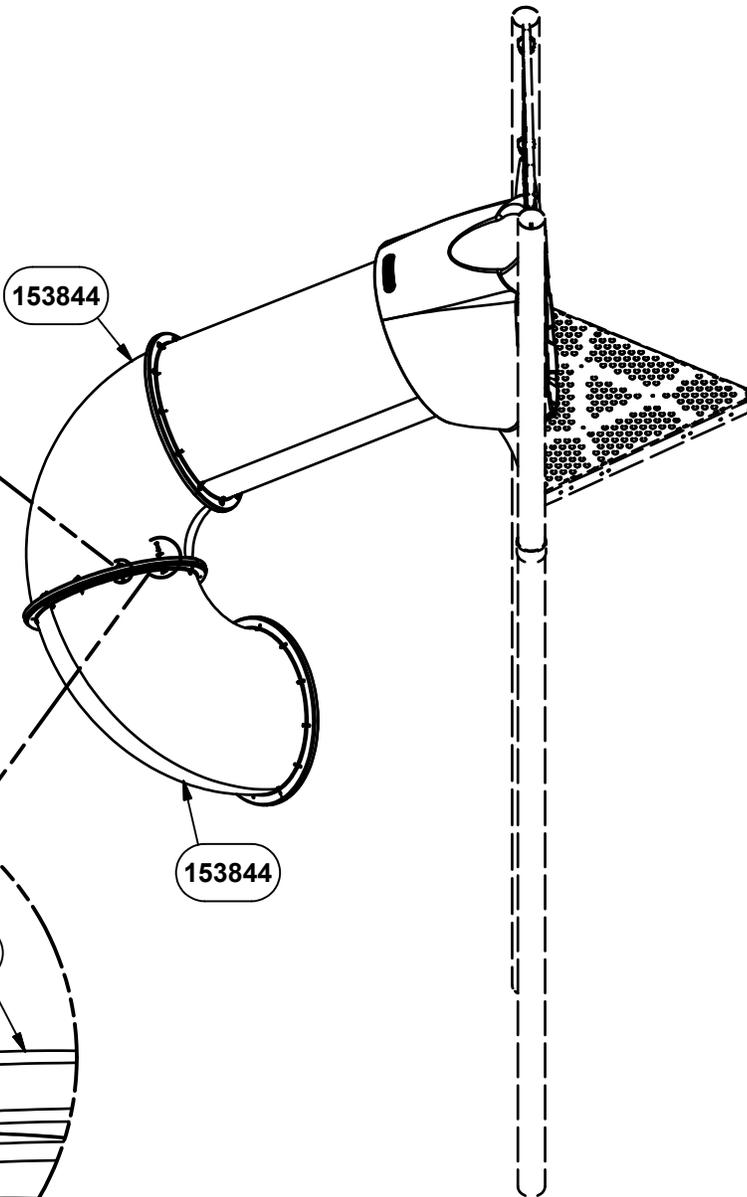
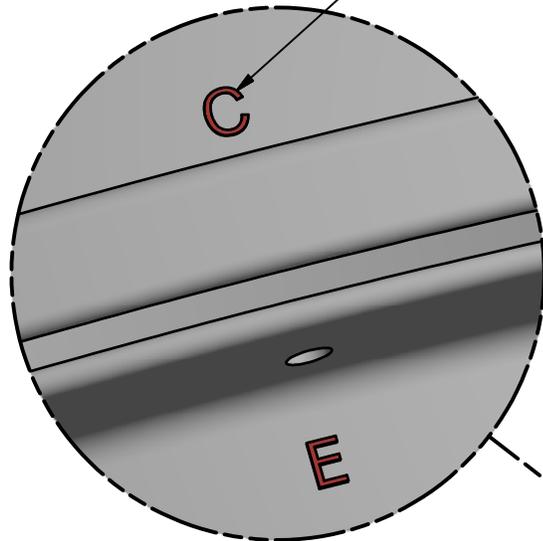
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

STEP 5
12 PLACES

DETAIL VIEW



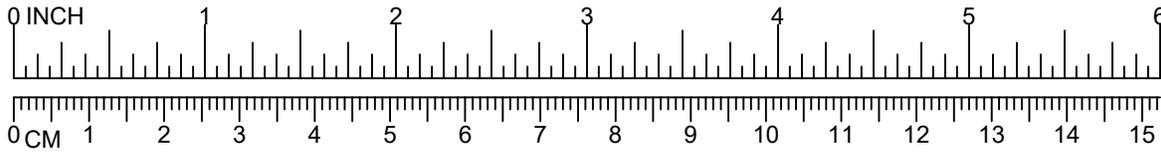
ALIGN LETTER "C" ON UPPER TUBE
WITH LETTER "E" ON LOWER TUBE



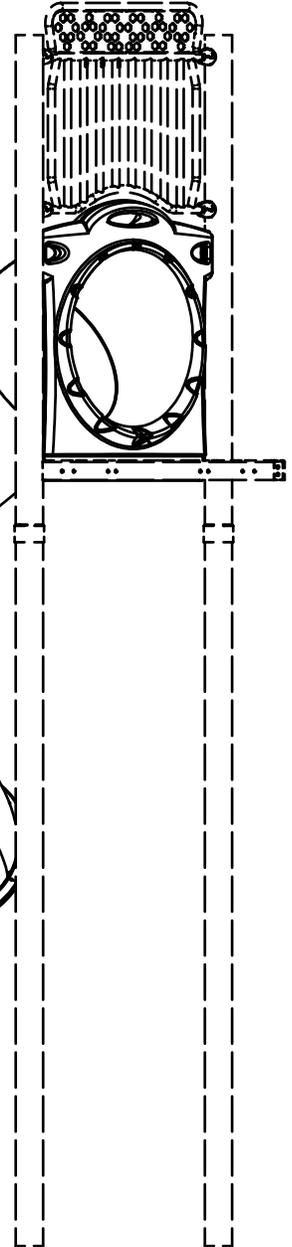
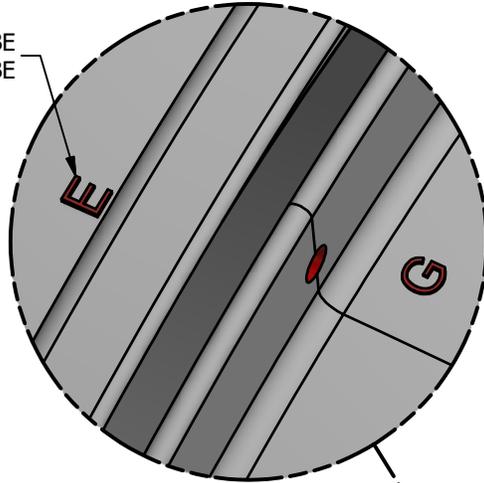
STEP 6
12 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



ALIGN LETTER "E" ON UPPER TUBE
WITH LETTER "G" ON LOWER TUBE



153844

153844

5/16" FLATWASHER
(1 1/8" O.D.) (817403)

5/16" x 3/4"
P.B.H.C.S. w/PATCH
(812040)

5/16" LOCK WASHER
(817330)

153844

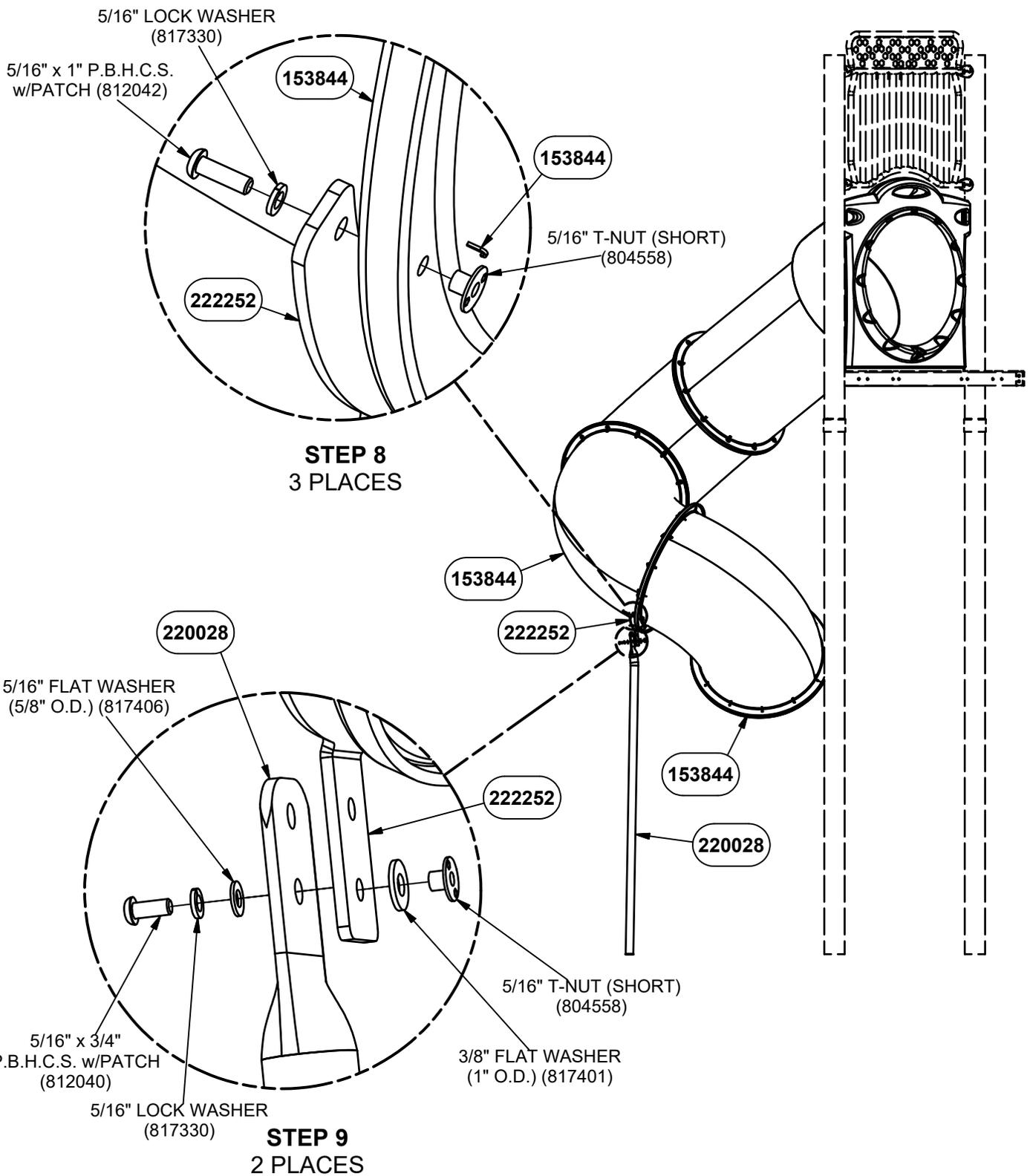
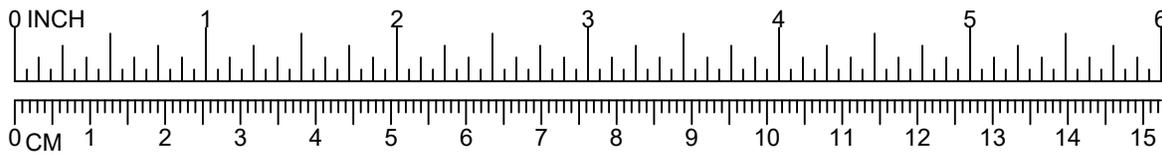
5/16" T-NUT (SHORT)
(804558)

153844

STEP 7
9 PLACES

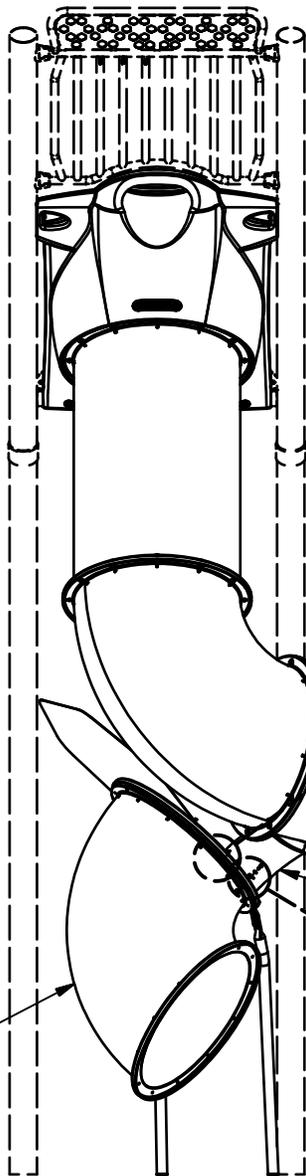
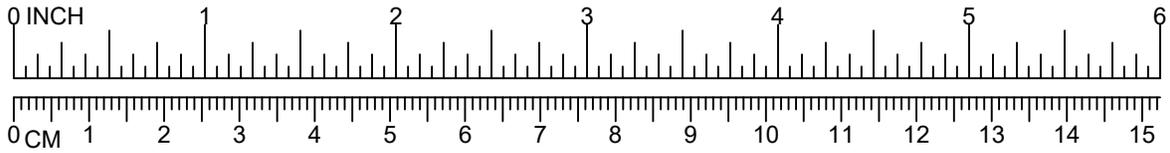
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

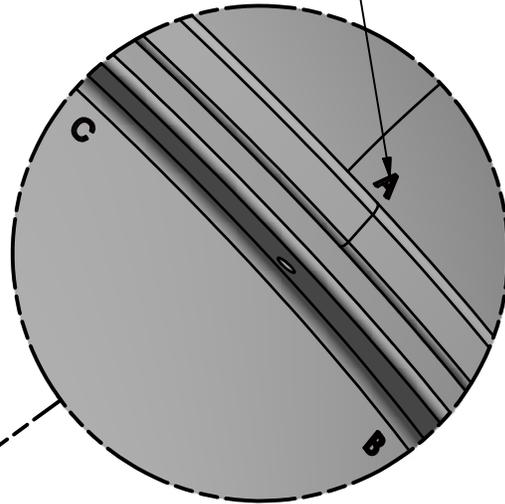


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



ALIGN LETTER "A" ON UPPER TUBE BETWEEN LETTERS "C" AND "B" ON LOWER TUBE



160199

153844

5/16" FLATWASHER
(1 1/8" O.D.) (817403)

5/16" x 3/4"
P.B.H.C.S. w/PATCH
(812040)

5/16" LOCK WASHER
(817330)

160199

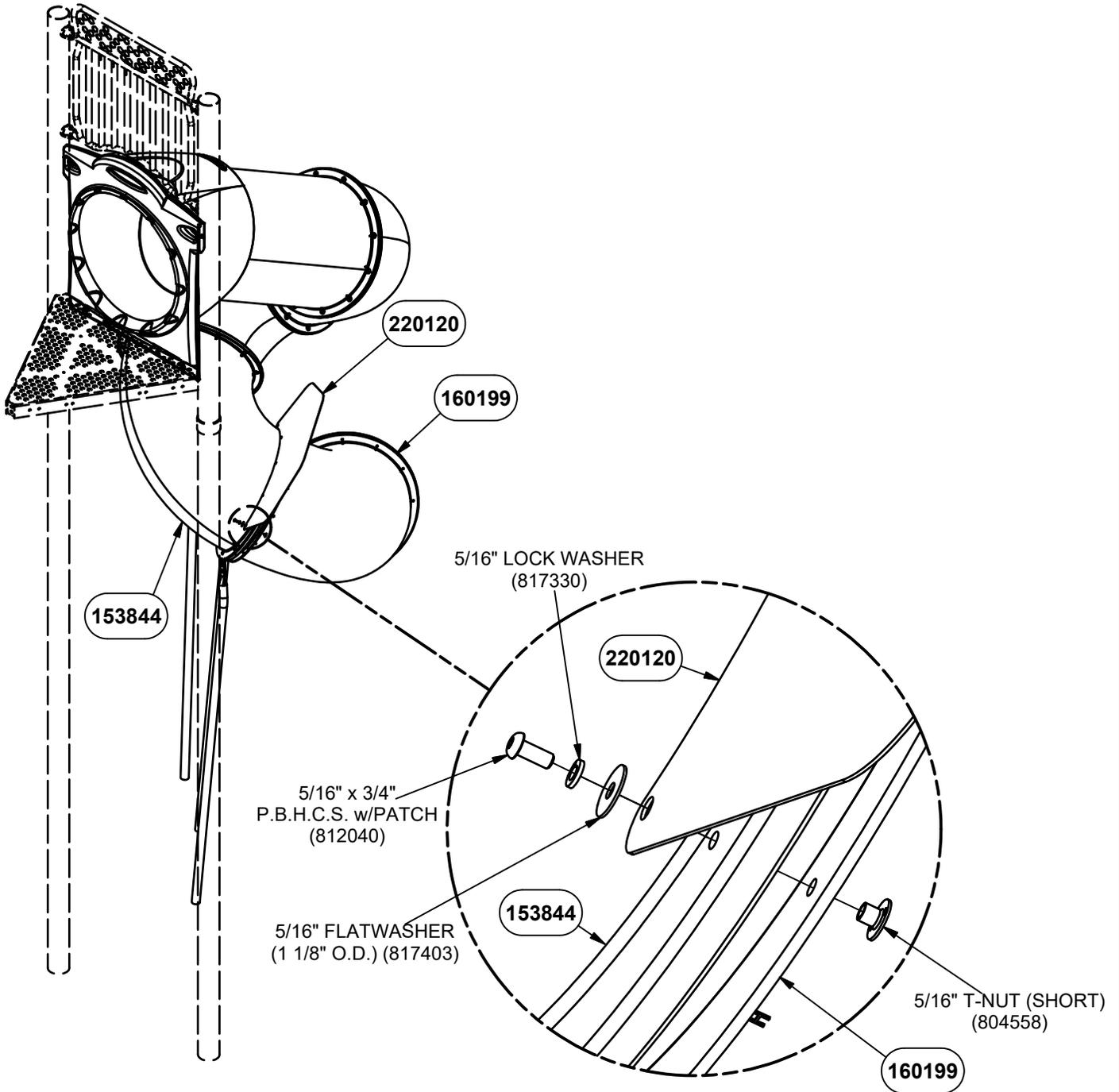
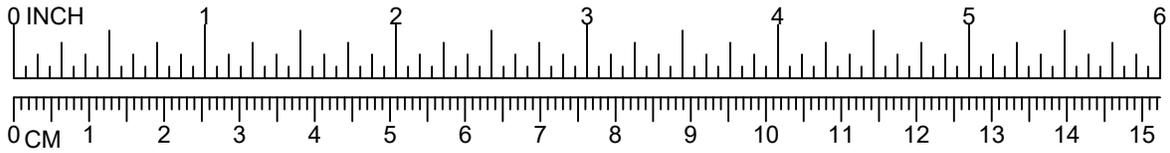
5/16" T-NUT (SHORT)
(804558)

153844

STEP 10
2 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

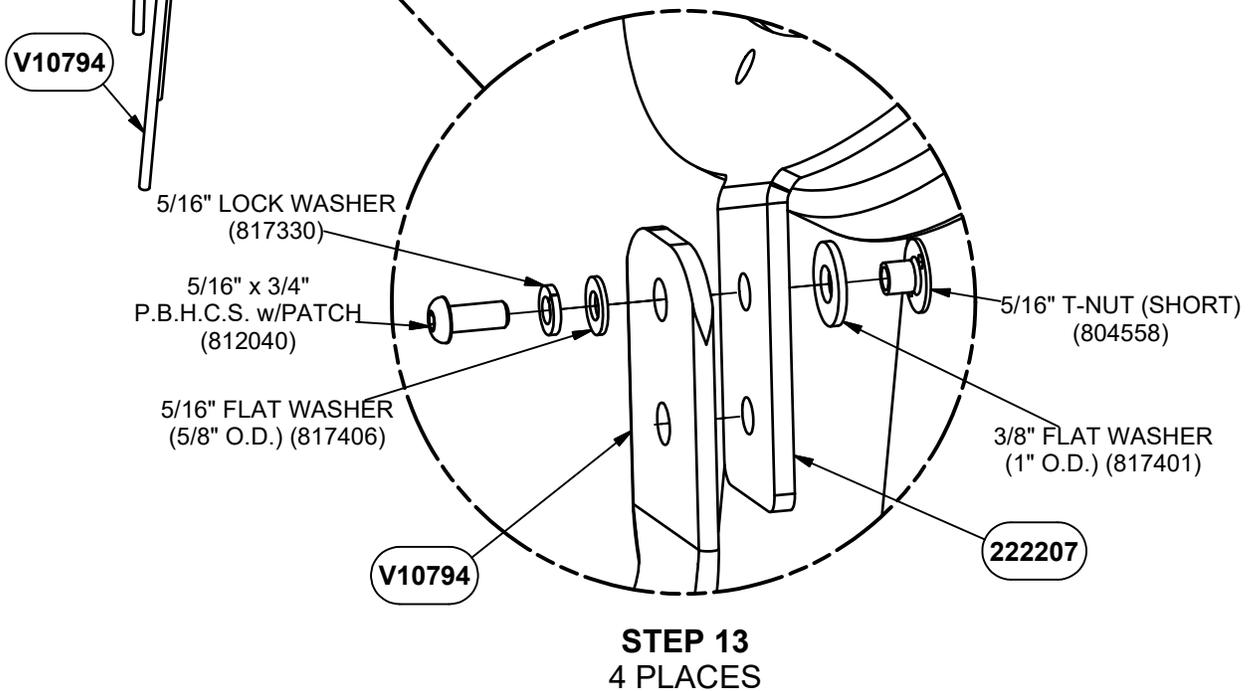
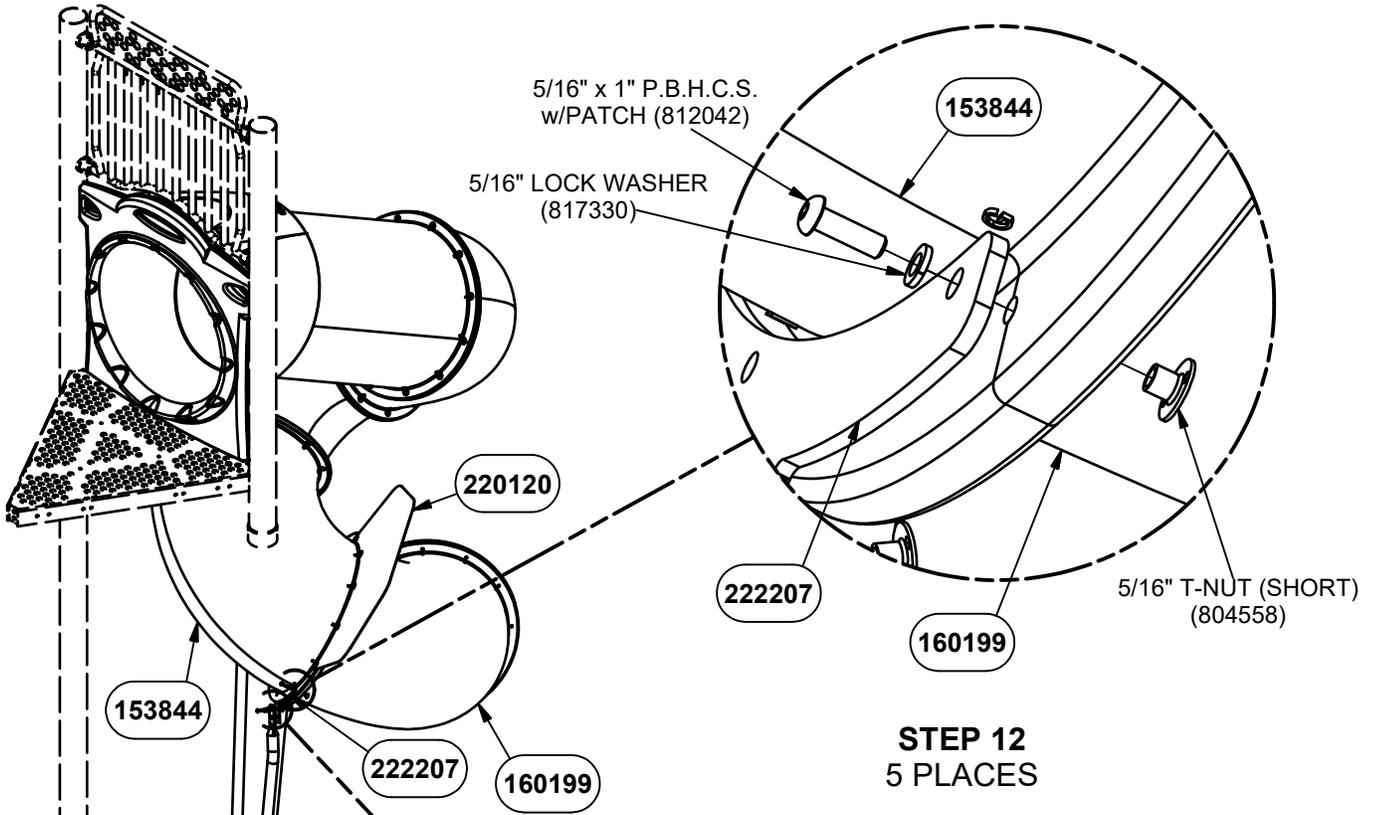
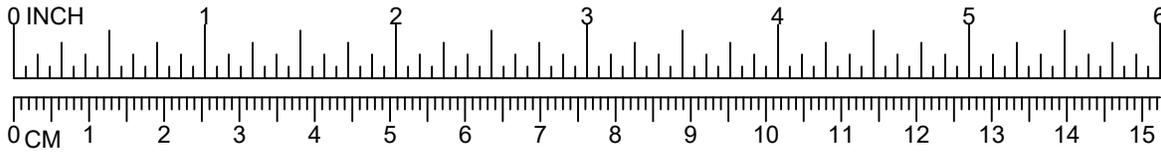
DETAIL VIEW



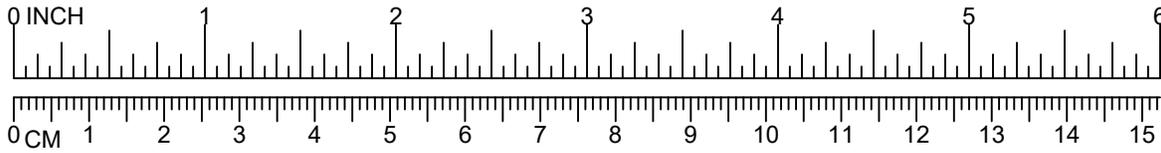
STEP 11
5 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

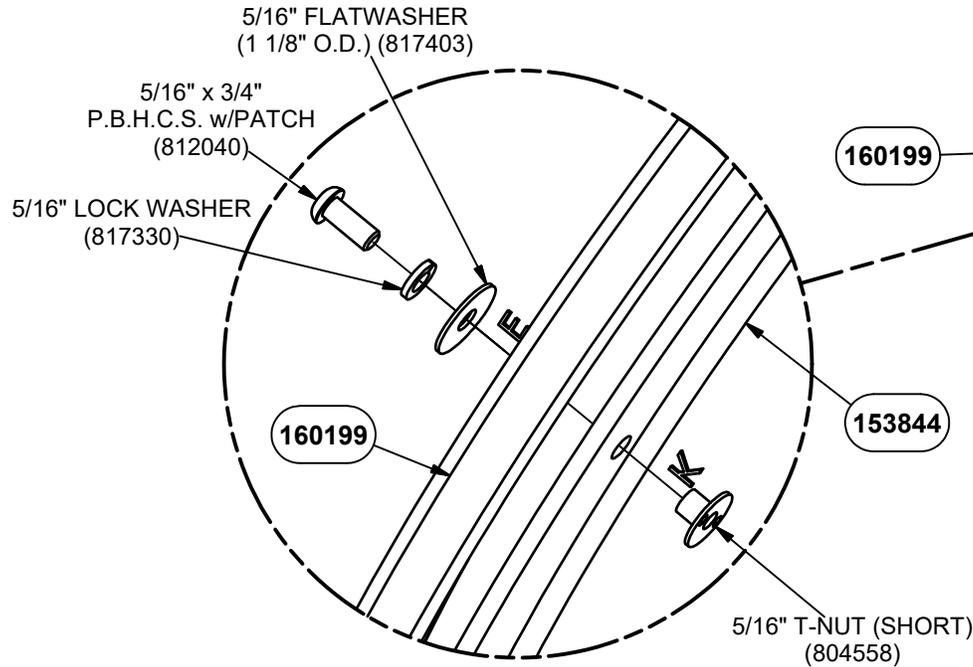
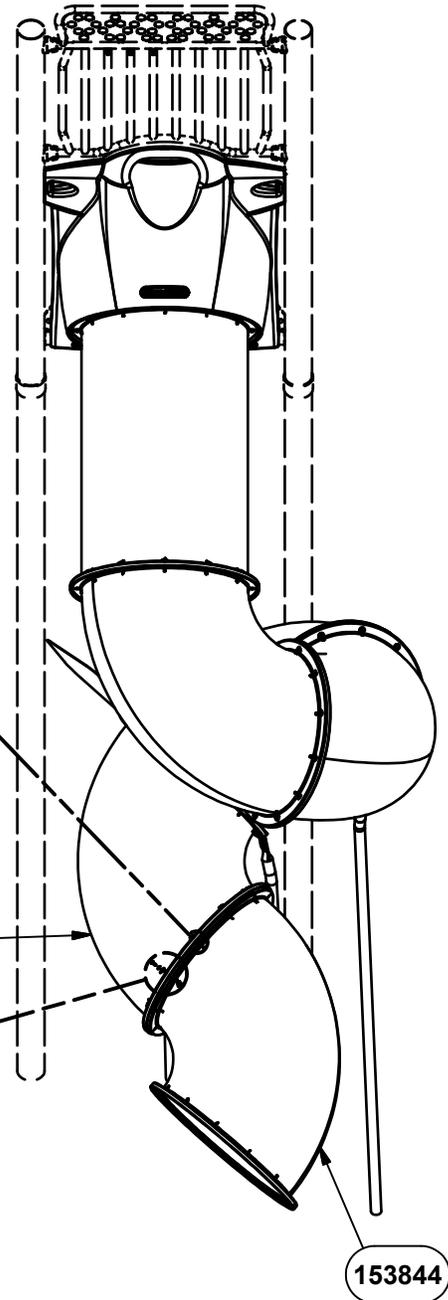
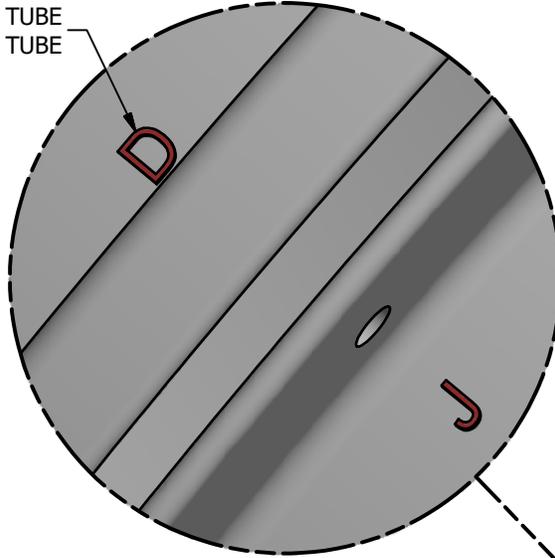
DETAIL VIEW



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



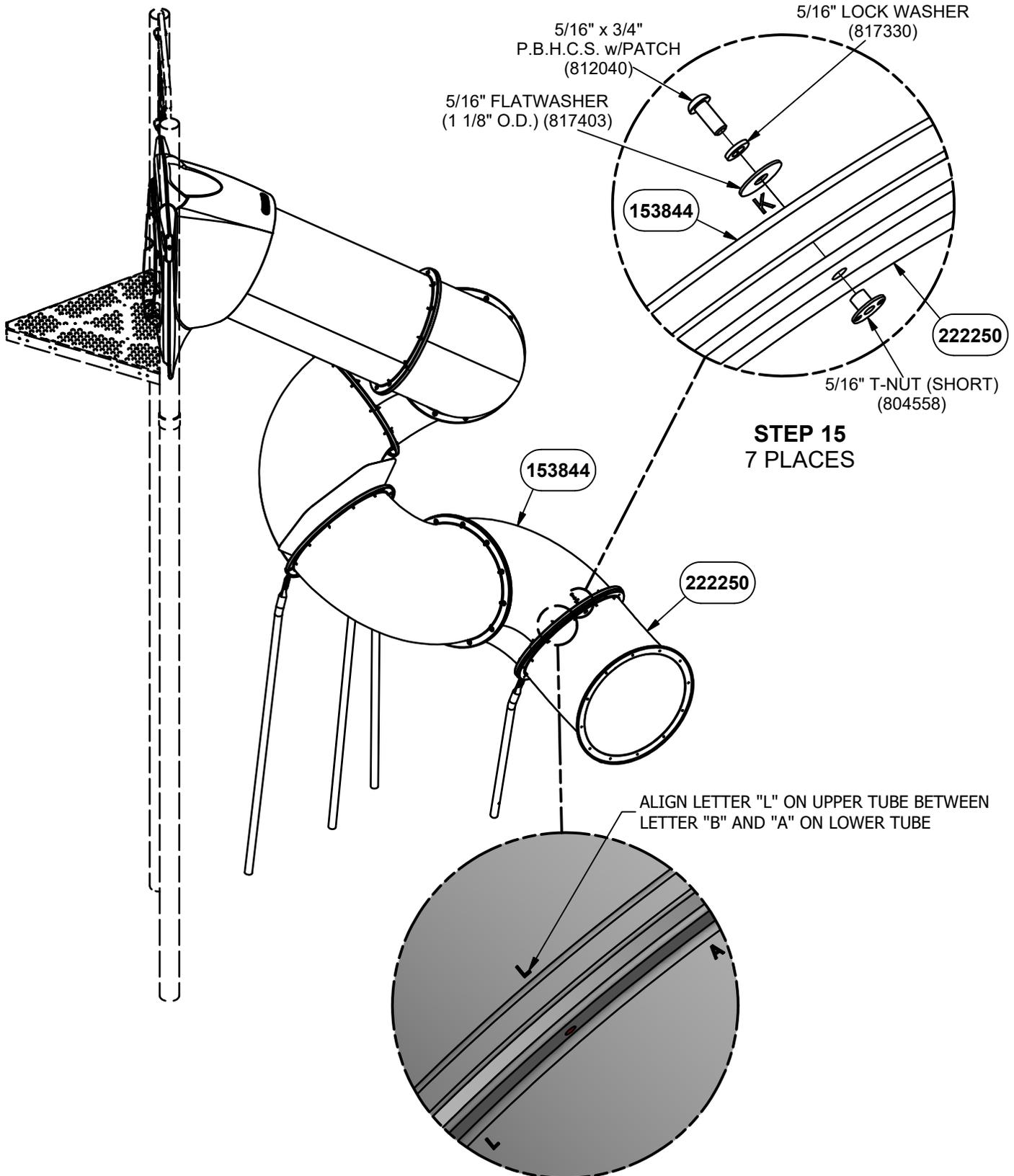
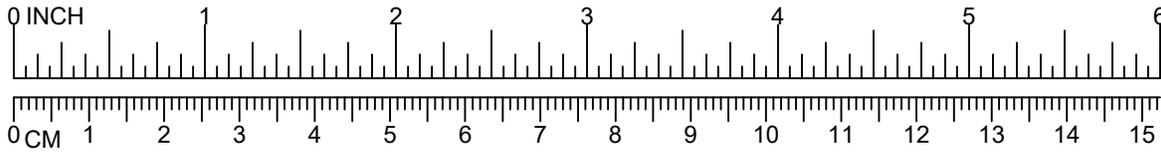
ALIGN LETTER "D" ON UPPER TUBE
WITH LETTER "J" ON LOWER TUBE



STEP 14
12 PLACES

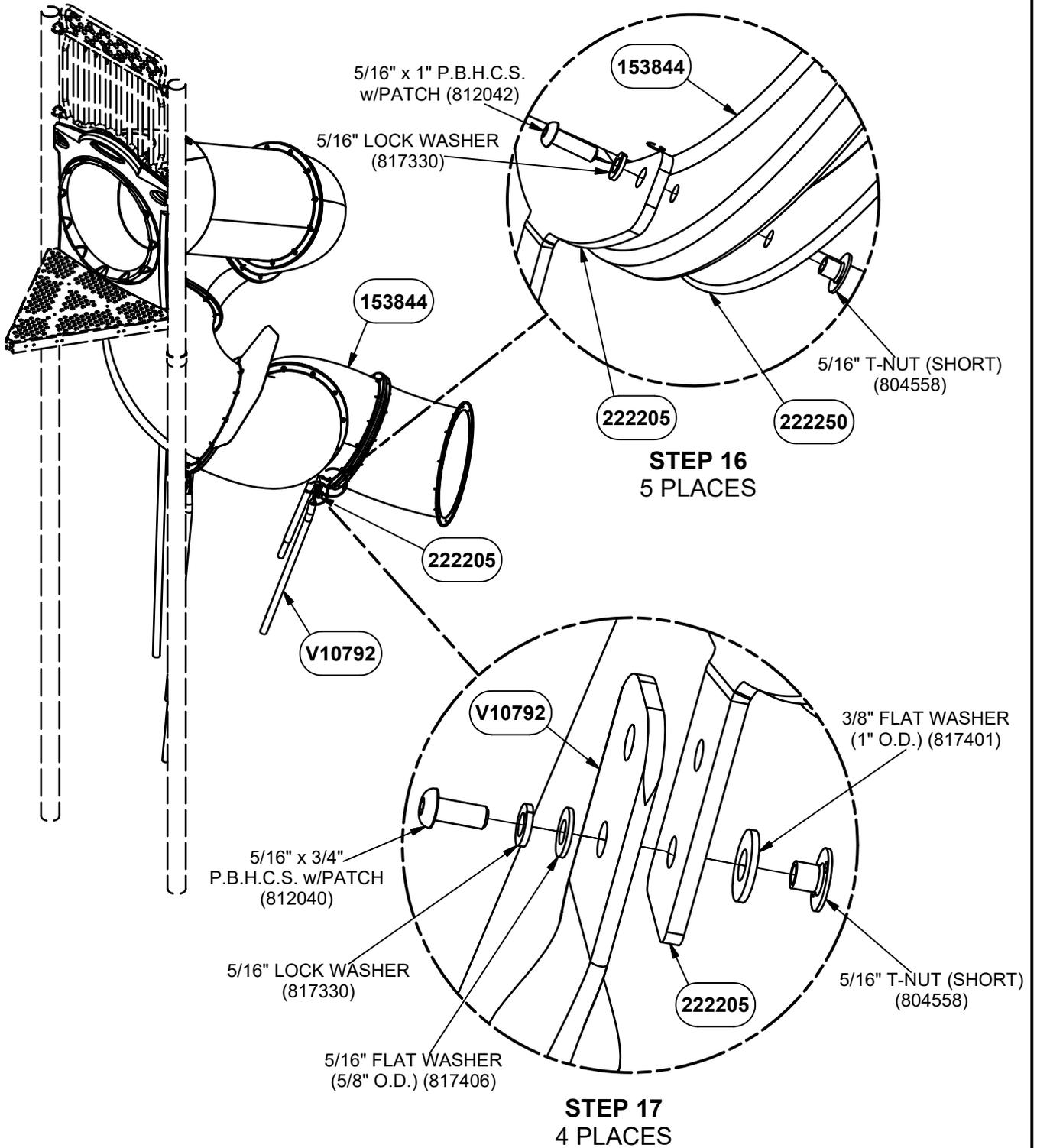
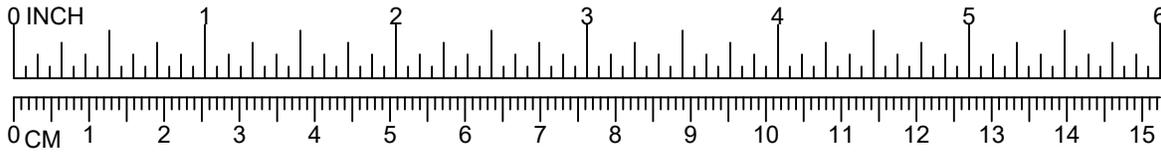
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



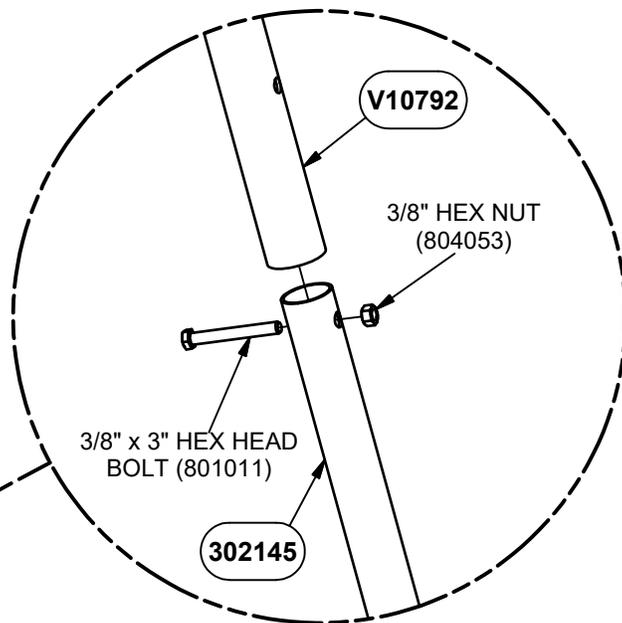
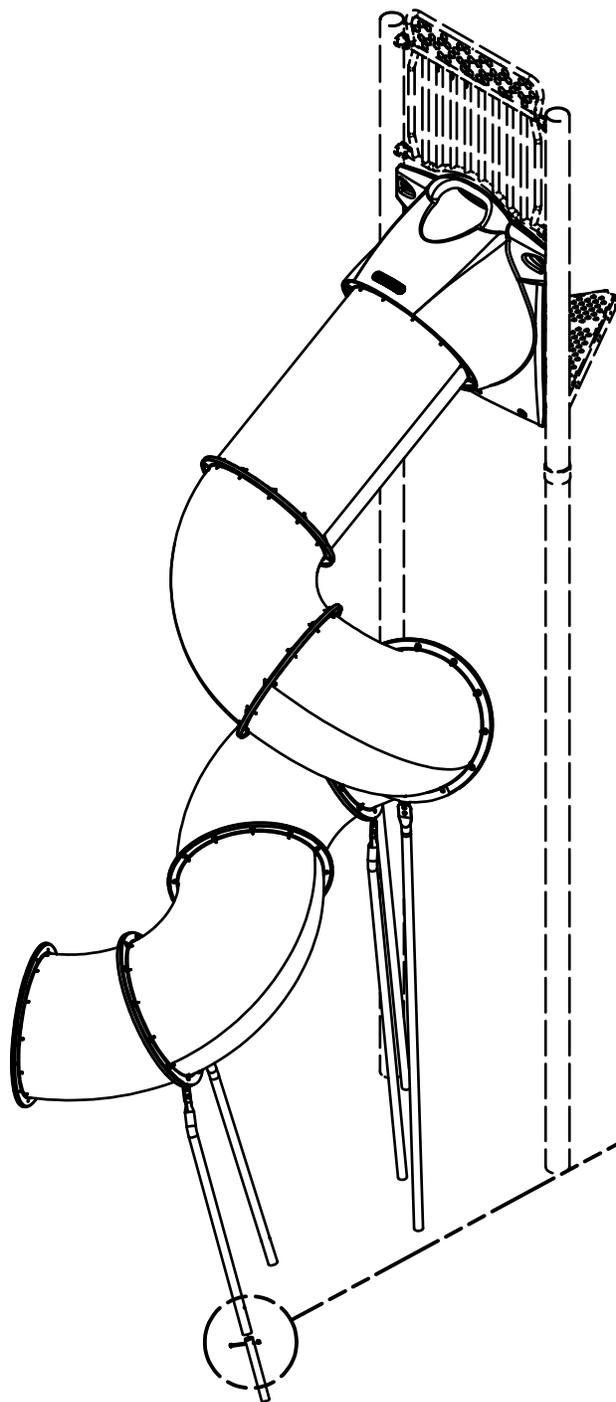
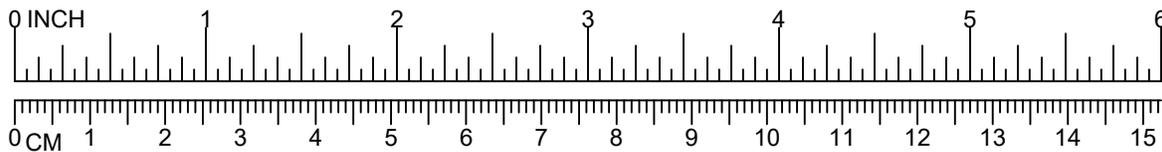
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

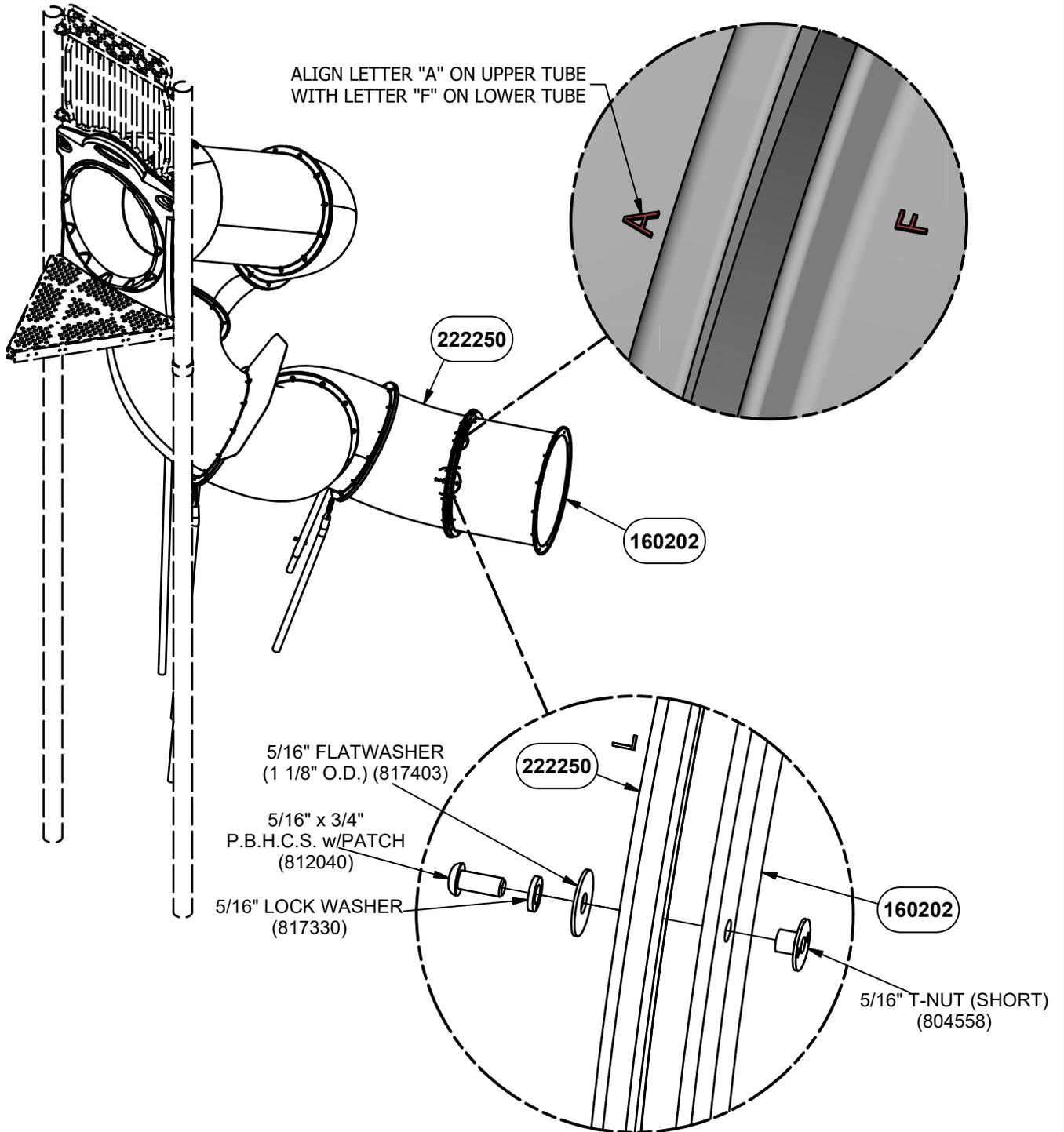
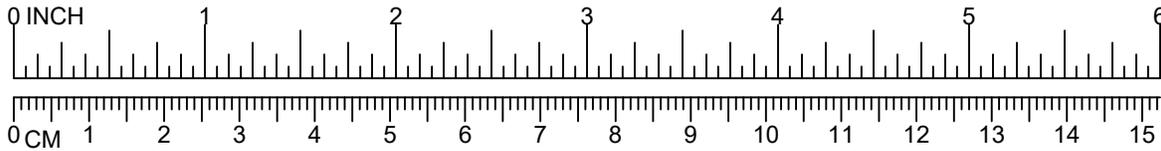
DETAIL VIEW



STEP 18
1 PLACE

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

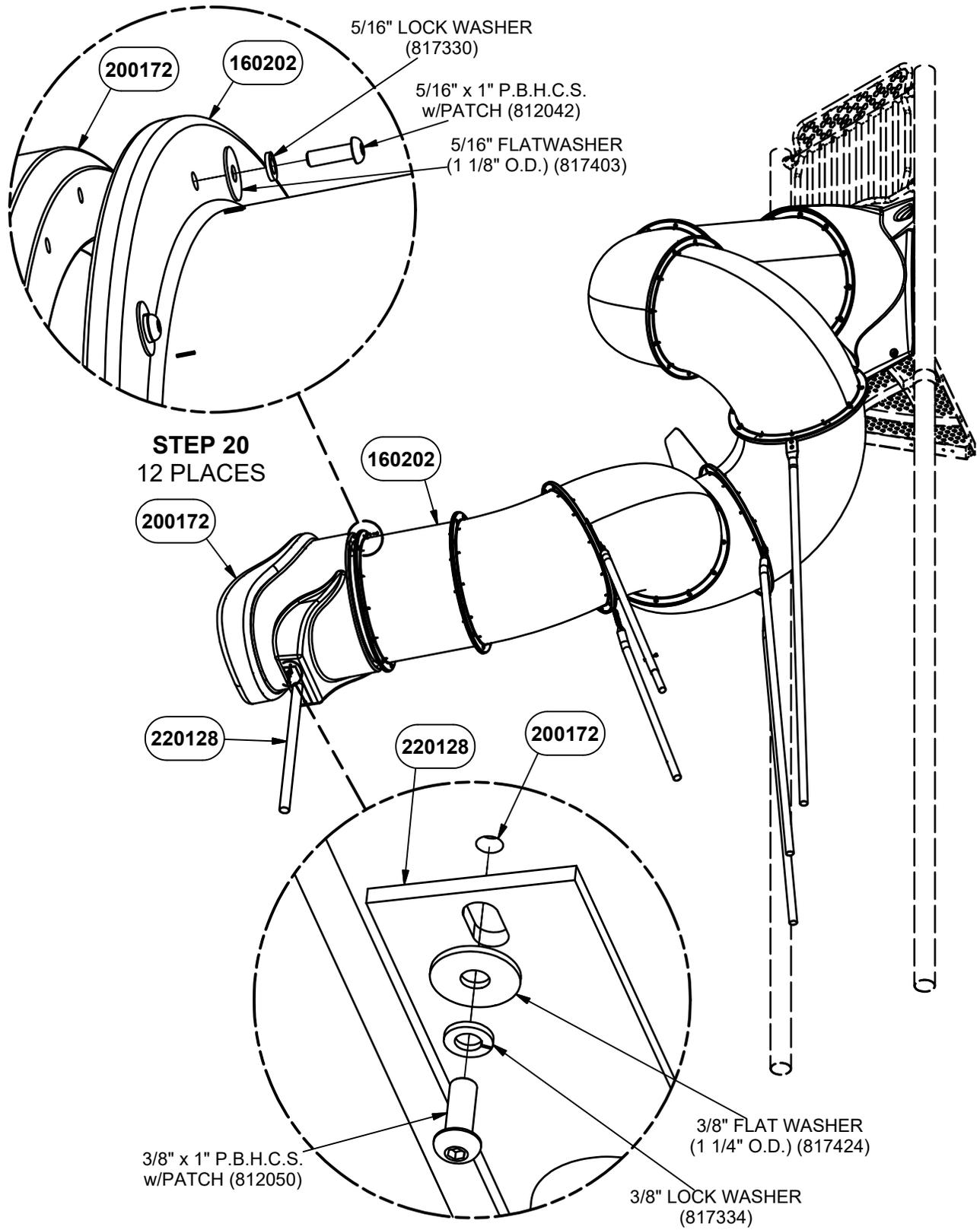
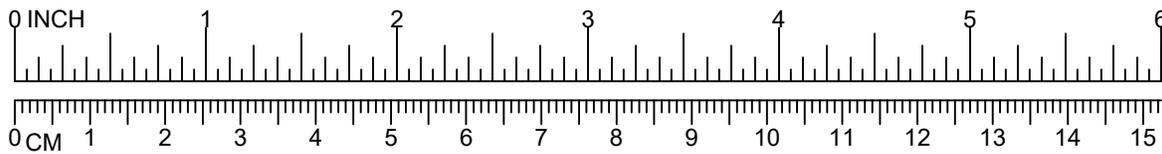
DETAIL VIEW



STEP 19
12 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



STEP 21
2 PLACES

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	222250
24" TUBE SECTION W/15° OFFSET (Ø30")	1	160202
30" EXIT SECTION	1	200172
FOOTBUCK SADDLE -for- 91770	1	222252
FOOTBUCK SADDLE 30°	1	222207
FOOTBUCK SADDLE 15°	1	222205
FORMED SMASHED FOOTBUCK	1	220028
LONG FORMED FOOTBUCK	2	V10794
SHORT FORMED FOOTBUCK	2	V10792
FOOTBUCK WELD ASSEMBLY	1	220128
FOOTBUCK EXTENSION	1	302145
SLIDE GUARD PLATE	1	220120
HARDWARE COMPLETE	1	222199
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

*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.

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

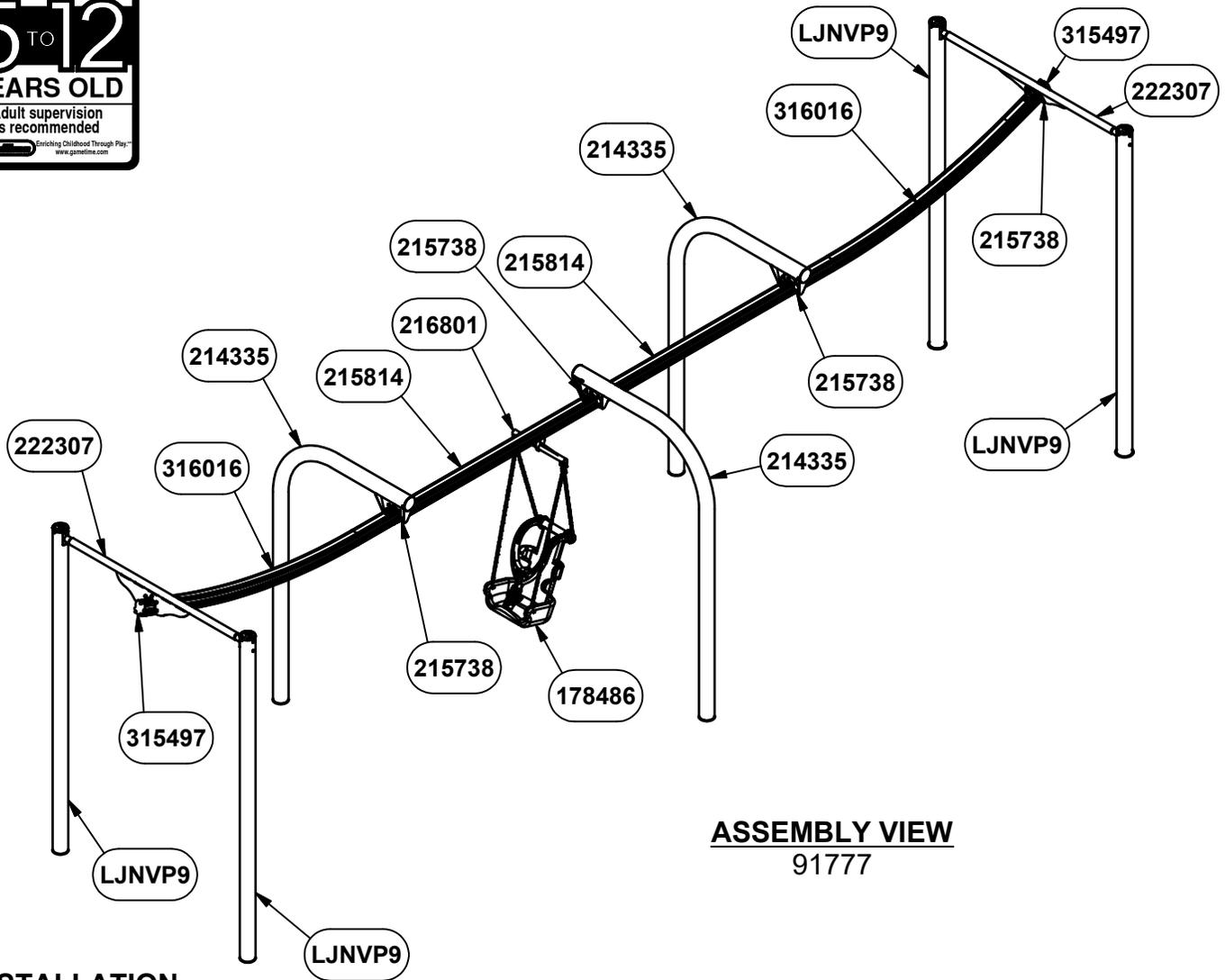
91777

SKYRUN ZIP TRACK

ISSUED/REVISED: 7/2/2024

This play equipment is designed for
CHILDREN
5 TO 12
YEARS OLD
Adult supervision is recommended
Enriching Childhood Through Play™
www.gametime.com

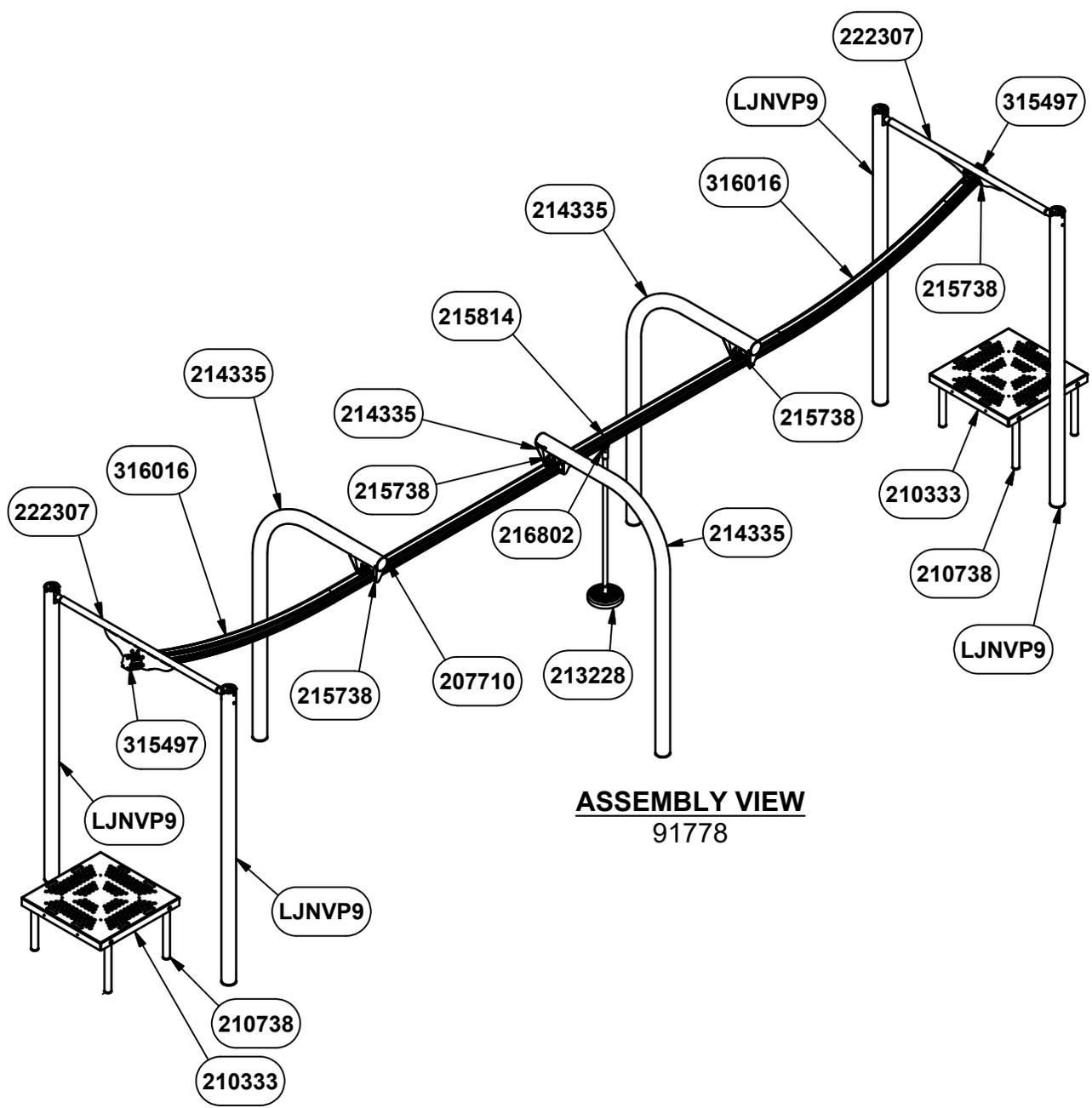
ZERO G SEAT 91777
ZIP SEAT 91778



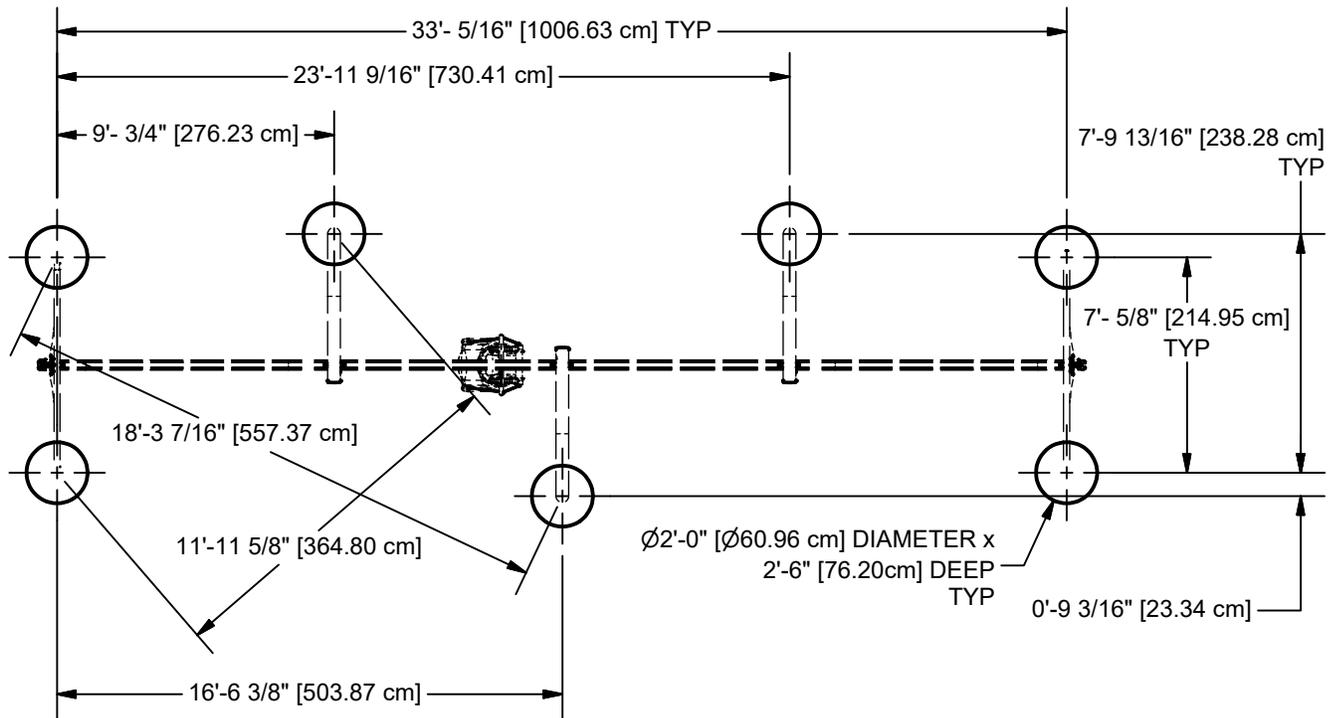
ASSEMBLY VIEW
91777

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.**



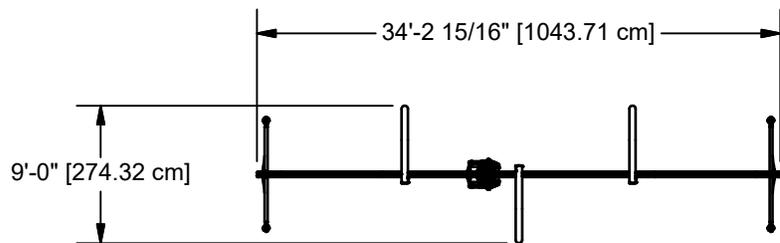
ASSEMBLY VIEW
91778



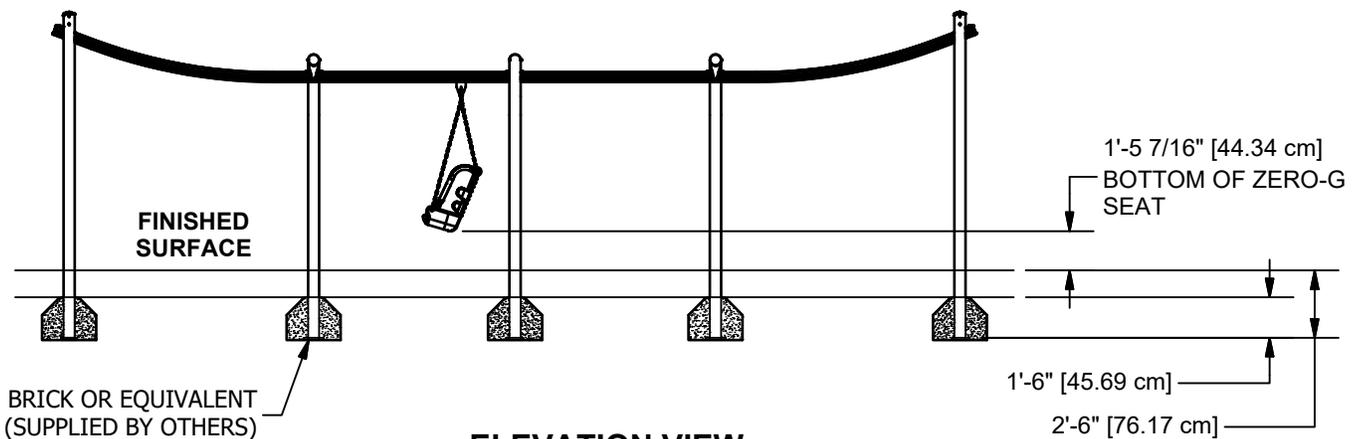
PLAN VIEW
91777

CONCRETE REQUIRED
1.22 CUBIC YARDS
[0.94 CUBIC METERS]

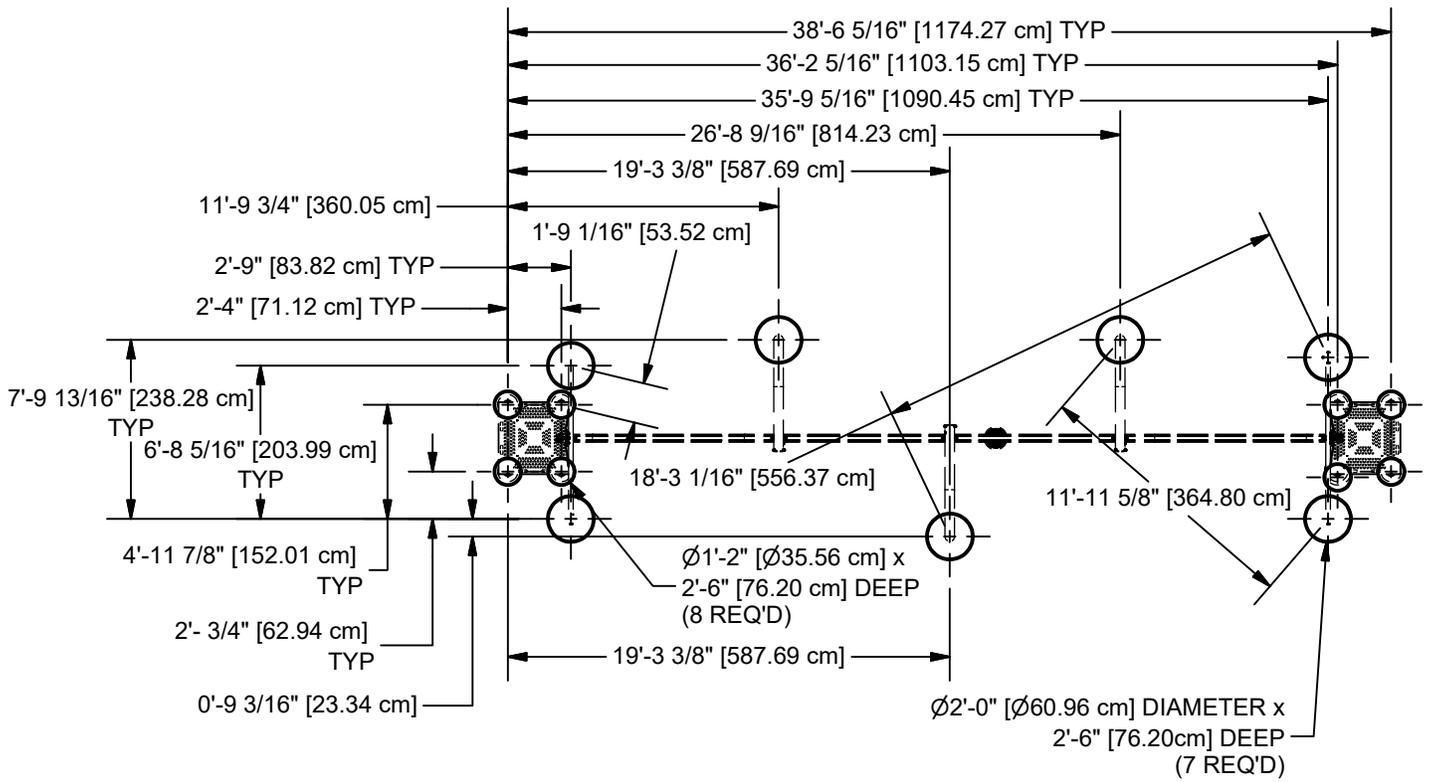
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



TOP VIEW
91777



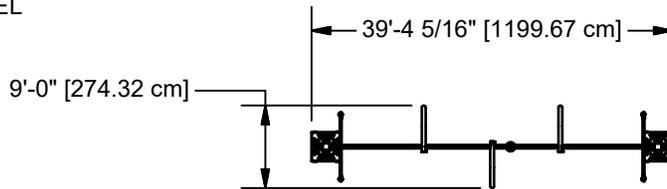
ELEVATION VIEW
91777



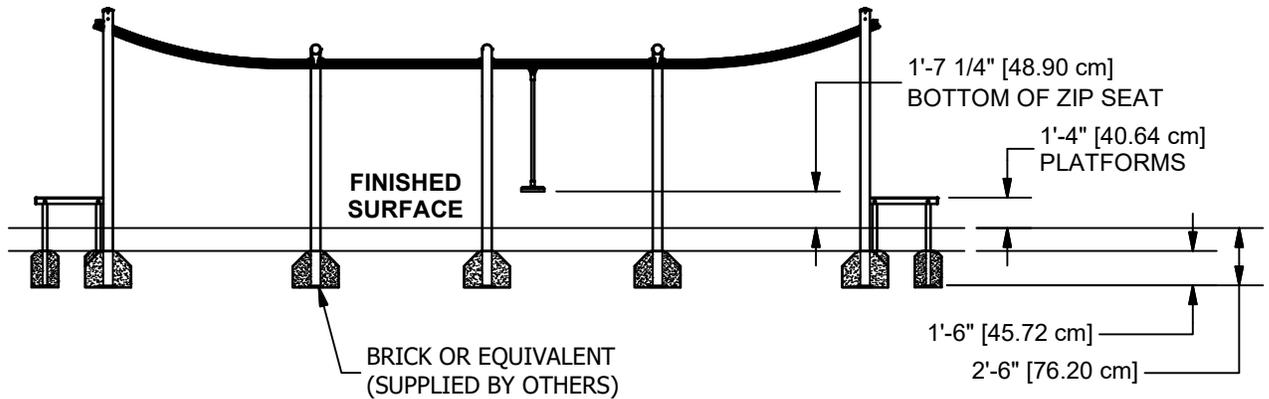
PLAN VIEW
91778

CONCRETE REQUIRED
1.64 CUBIC YARDS
[1.30 CUBIC METERS]

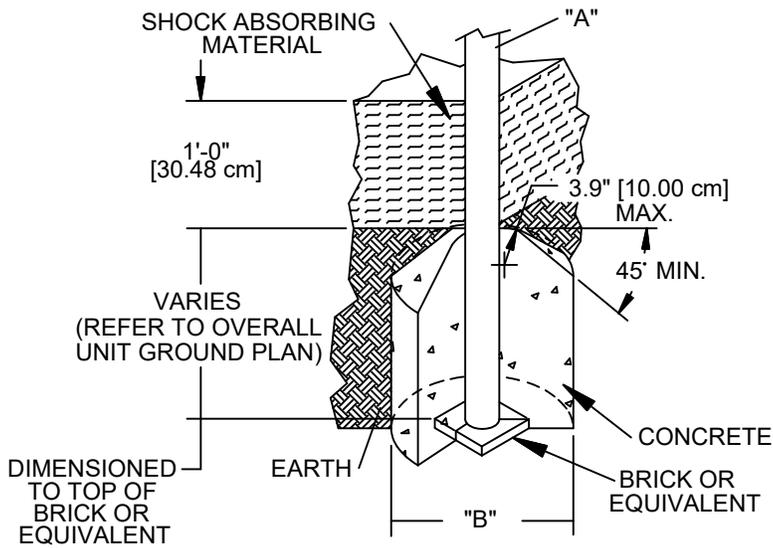
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



TOP VIEW
91778



ELEVATION VIEW
91778



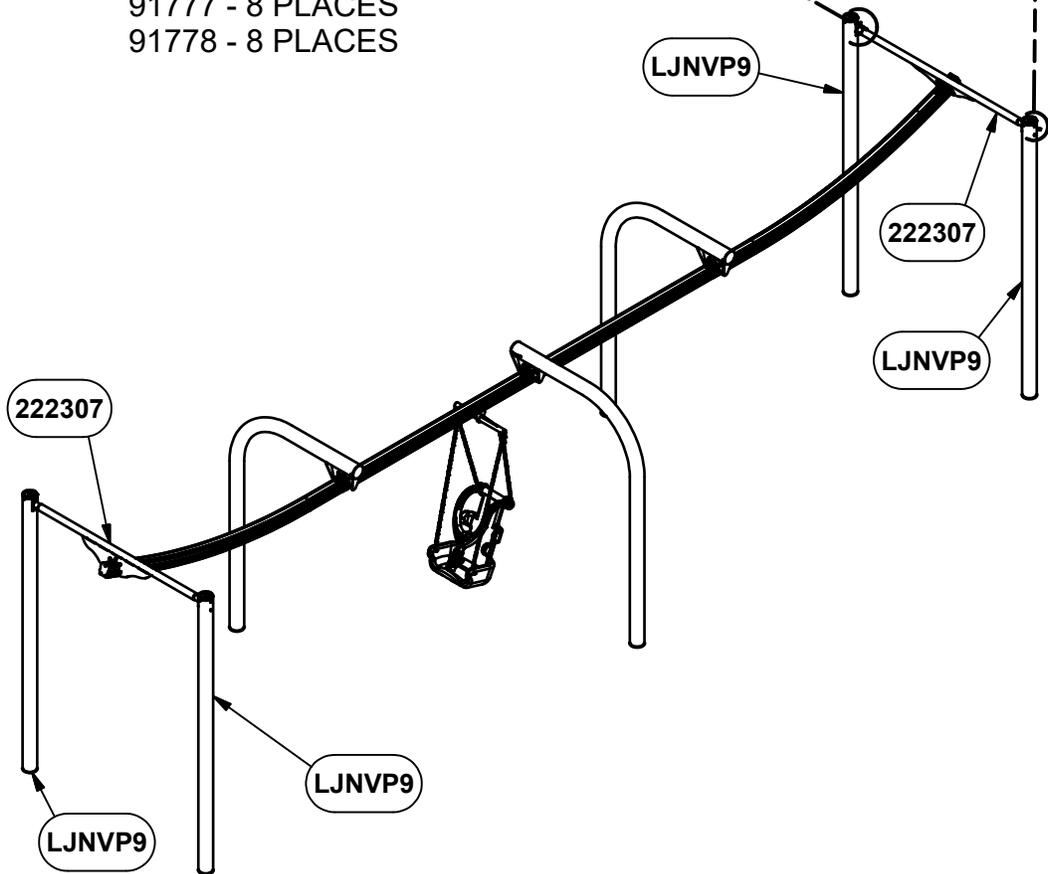
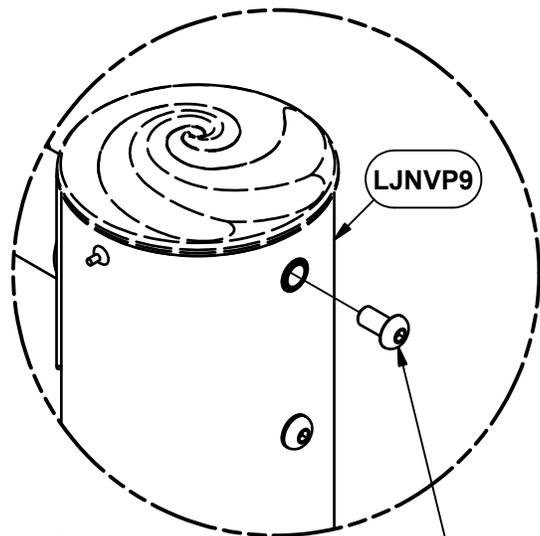
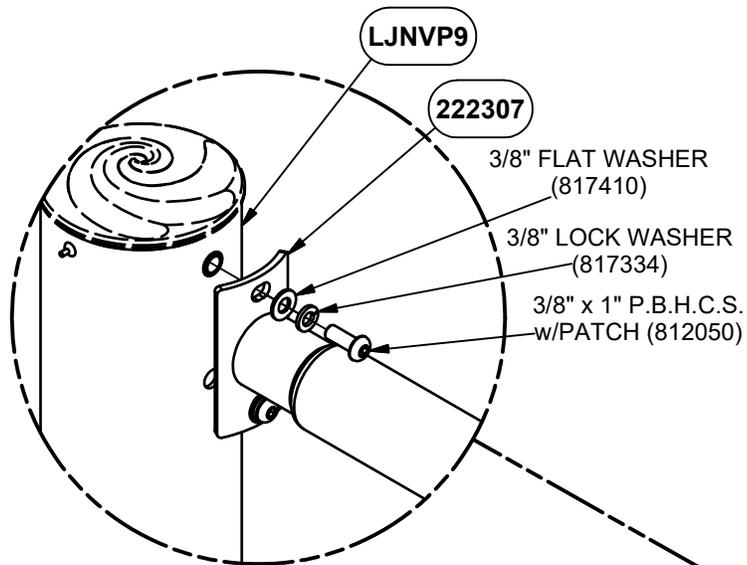
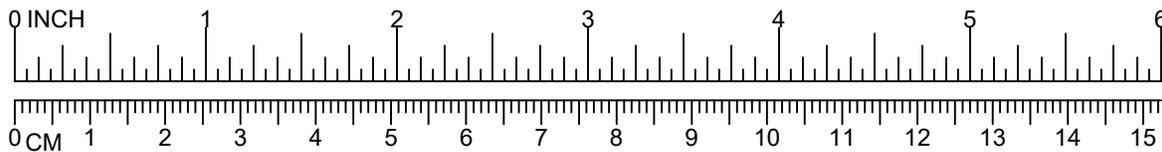
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS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

NOTES:

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

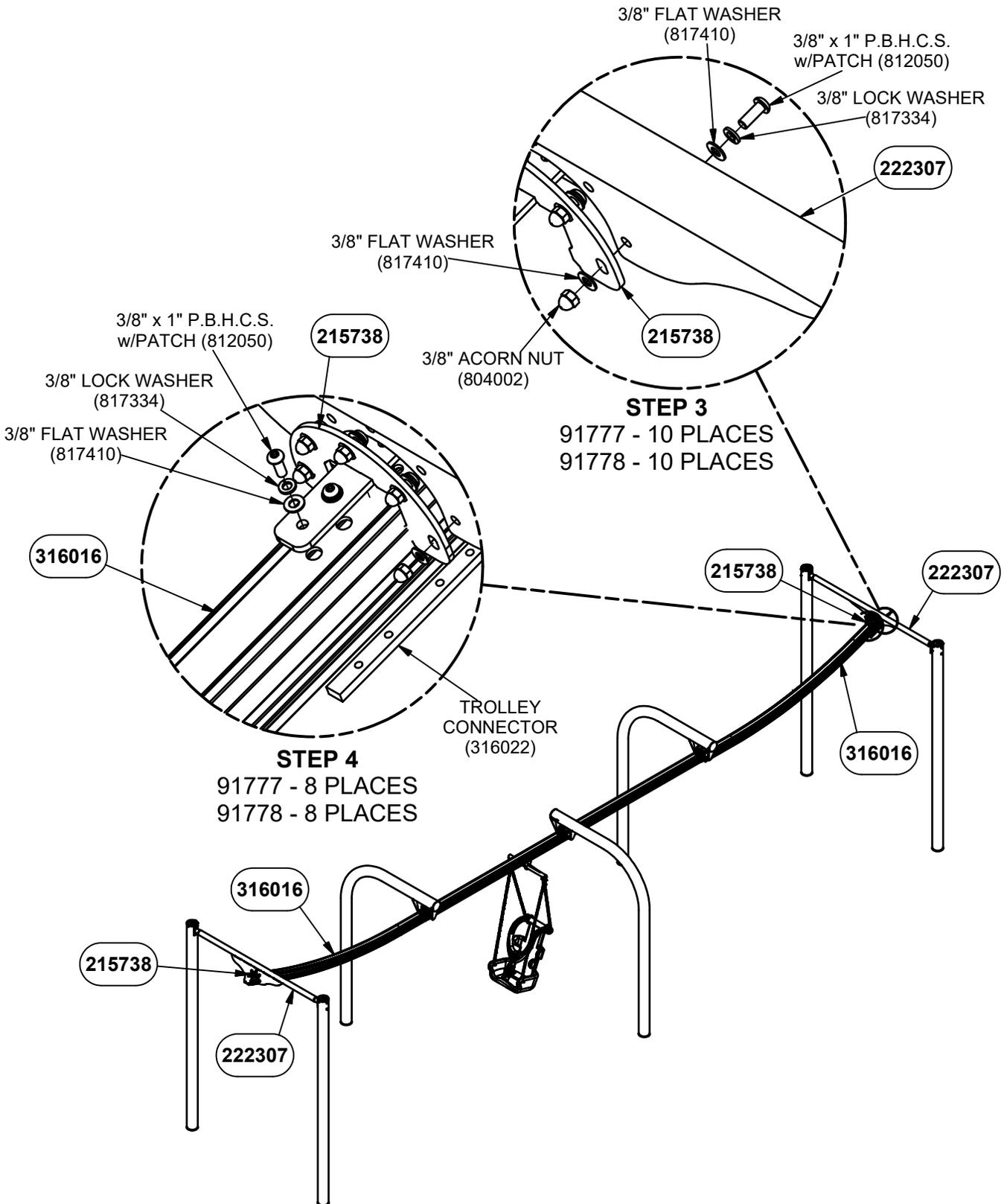
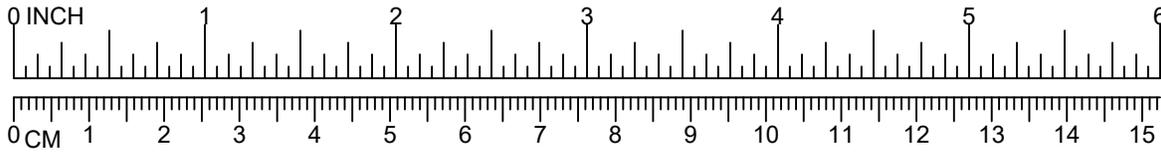
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

FOOTING DETAIL



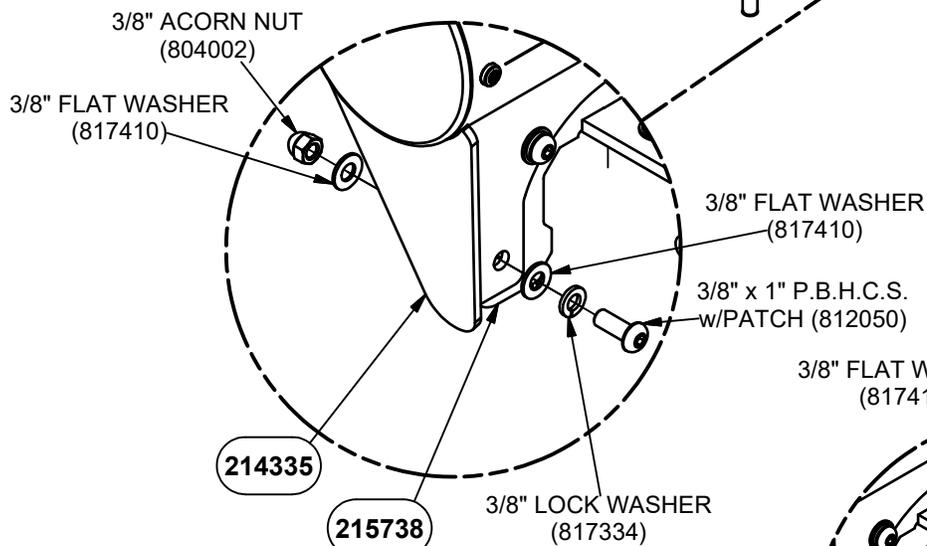
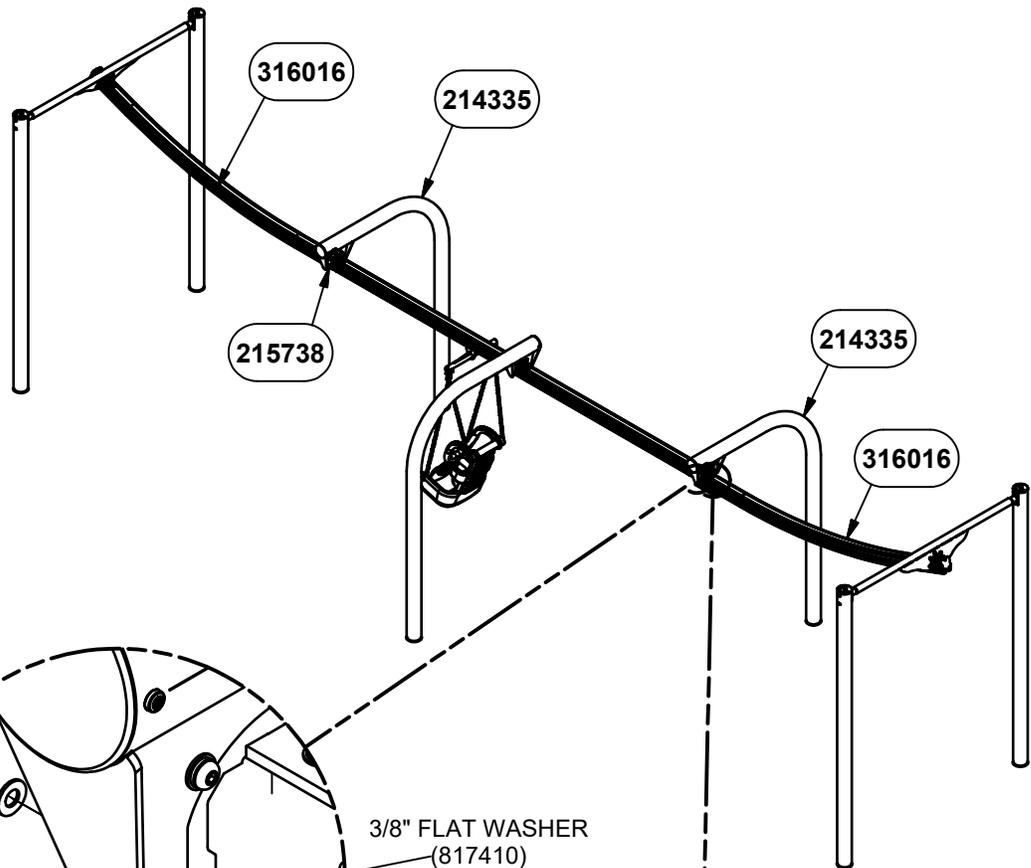
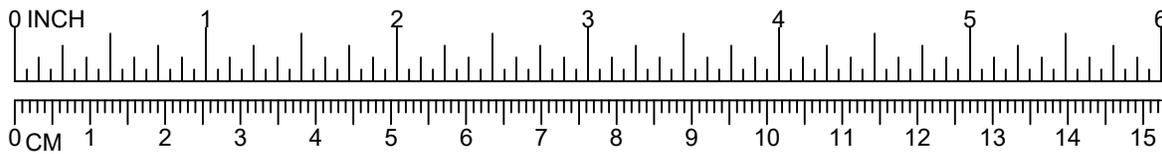
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

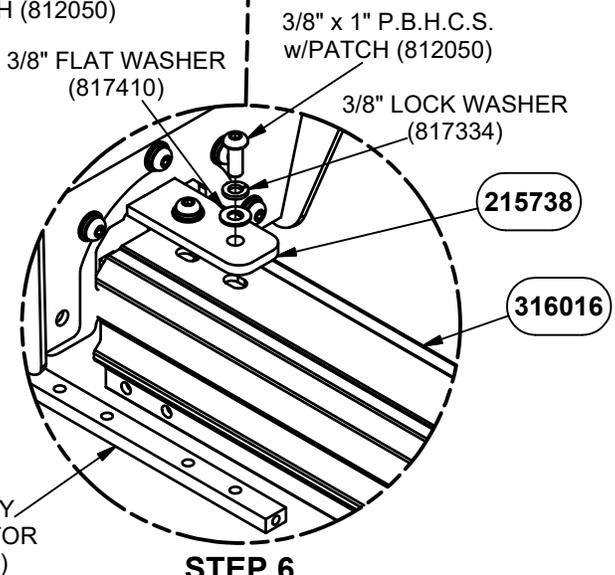


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

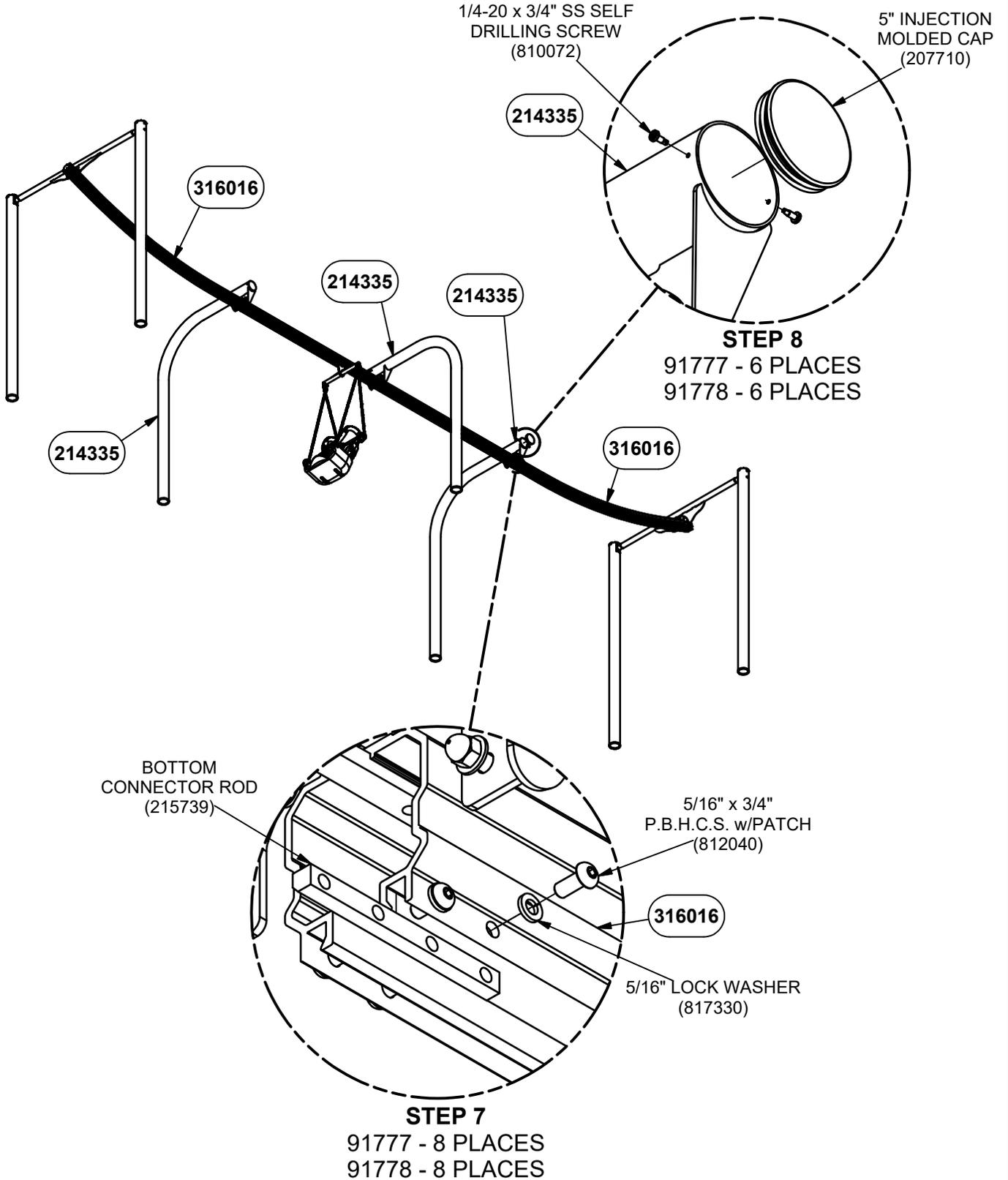
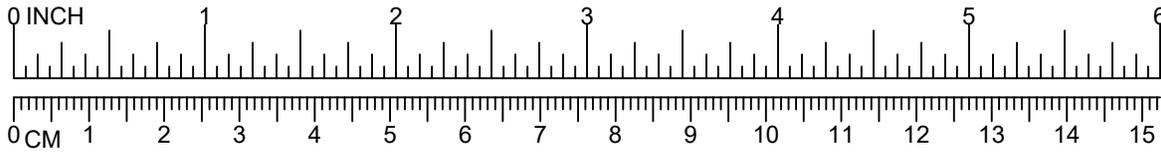


STEP 5
 91777 - 10 PLACES
 91778 - 10 PLACES



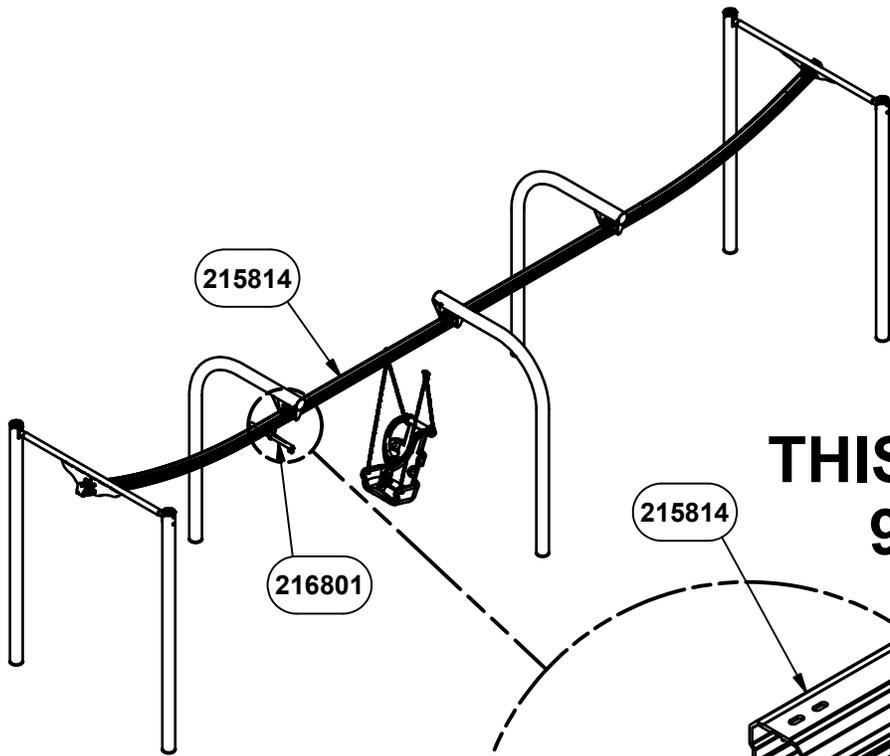
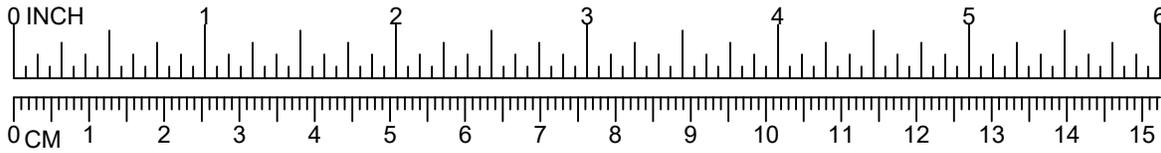
STEP 6
 91777 - 4 PLACES
 91778 - 4 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

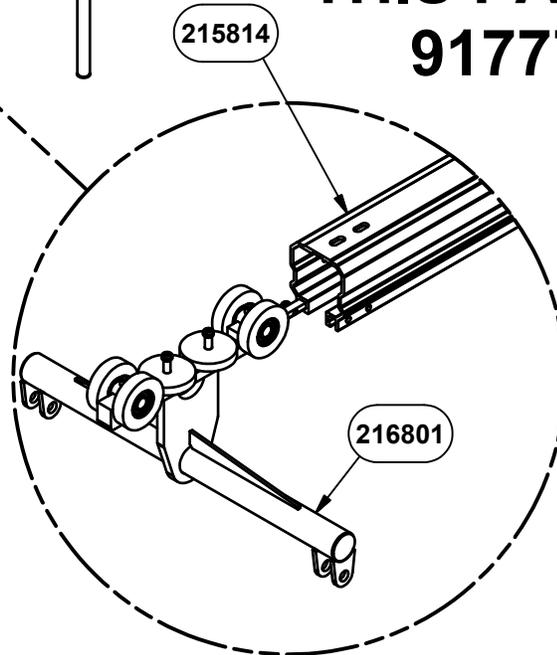


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



**THIS PAGE IS FOR
91777 ONLY**

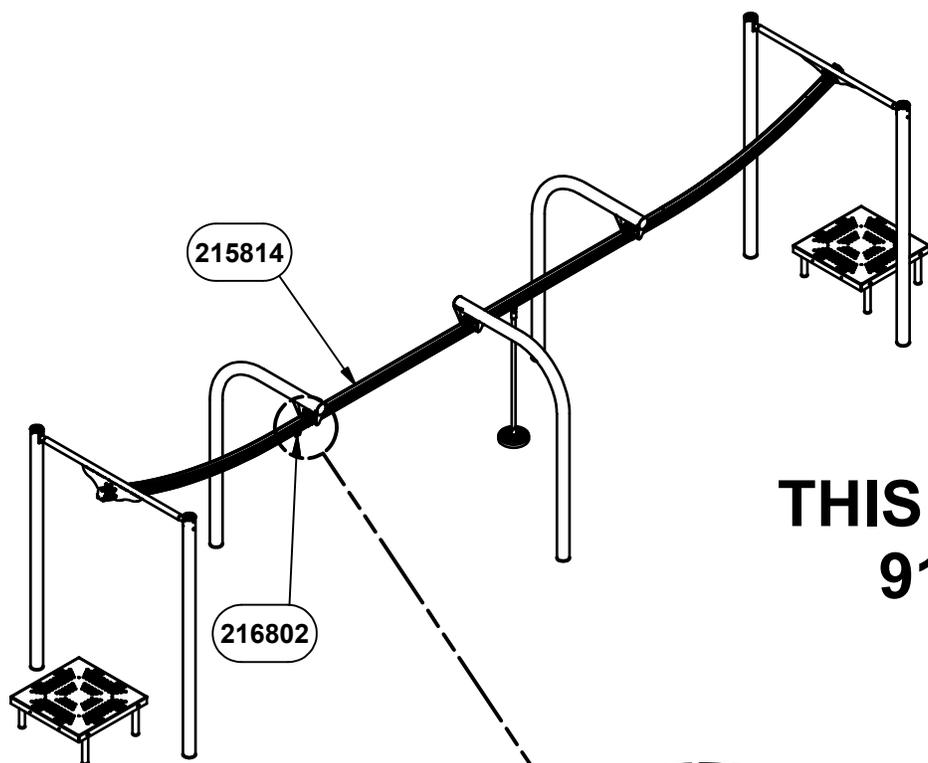
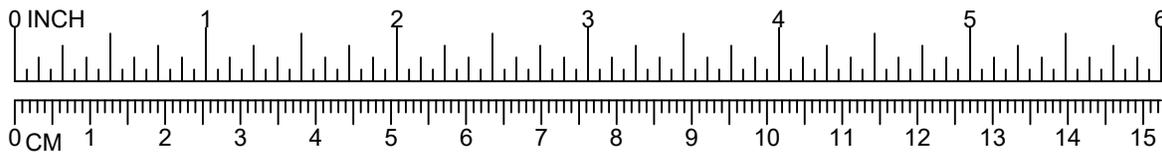


**STEP 9
91777 ONLY**

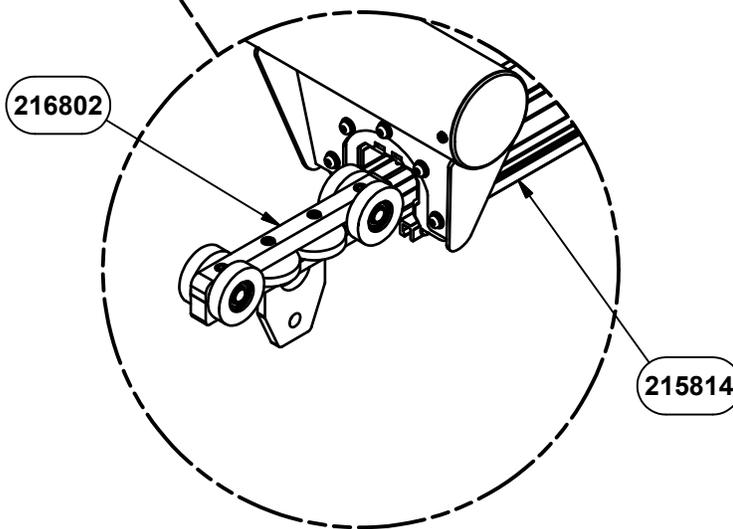
**NOTE: INSERT ZERO-G CARRIAGE
ASSEMBLY INTO TRACK BEFORE ATTACHING
STRAIGHT SECTION DURING STEP 10.**

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW
91777 ONLY**



**THIS PAGE IS FOR
91778 ONLY**

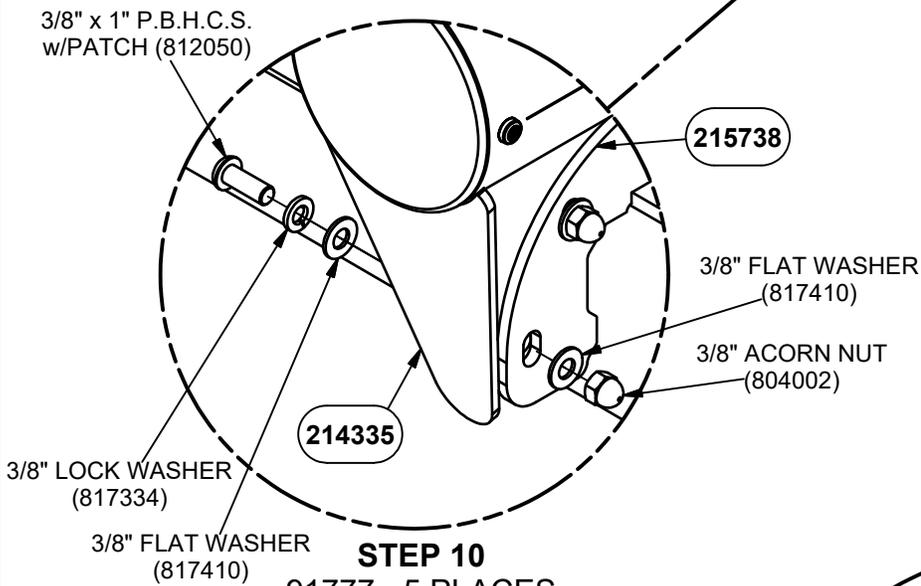
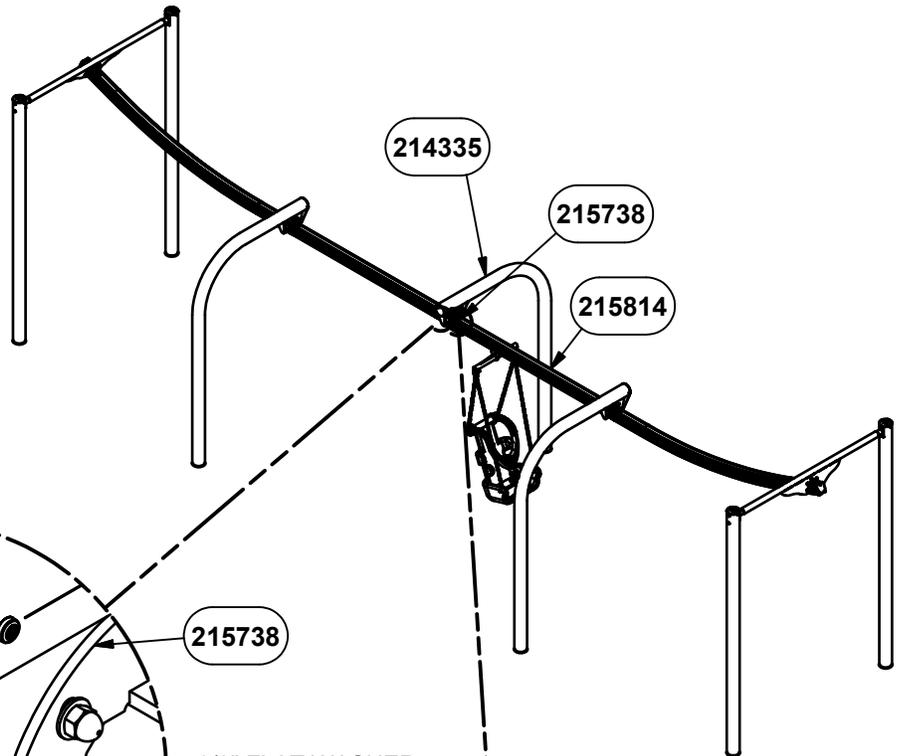
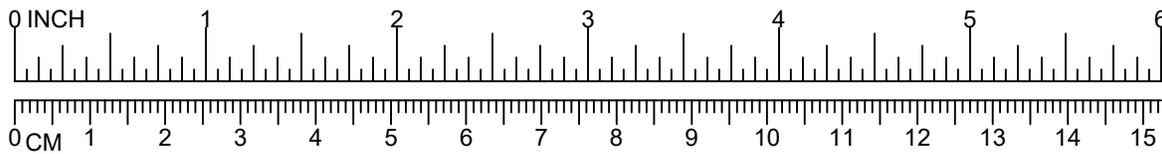


**STEP 9
91778 ONLY**

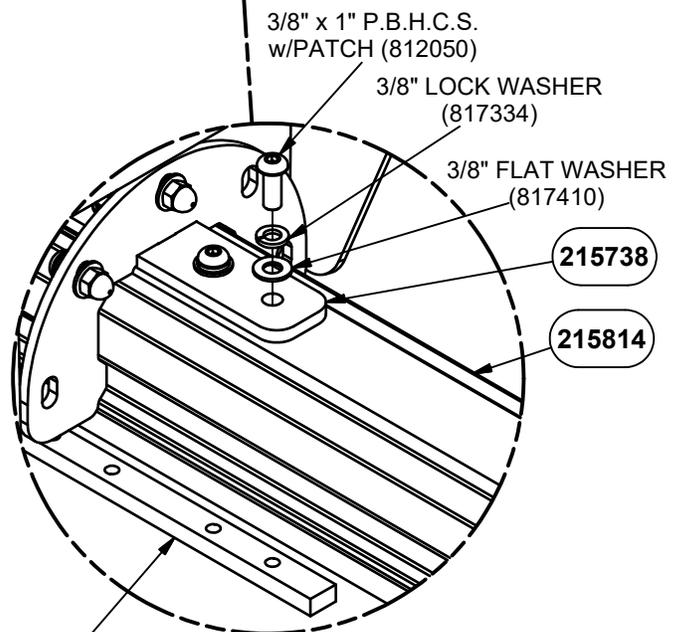
NOTE: INSERT ZIP SEAT CARRIAGE
ASSEMBLY INTO TRACK BEFORE ATTACHING
STRAIGHT SECTION DURING STEP 10.

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW
91778 ONLY



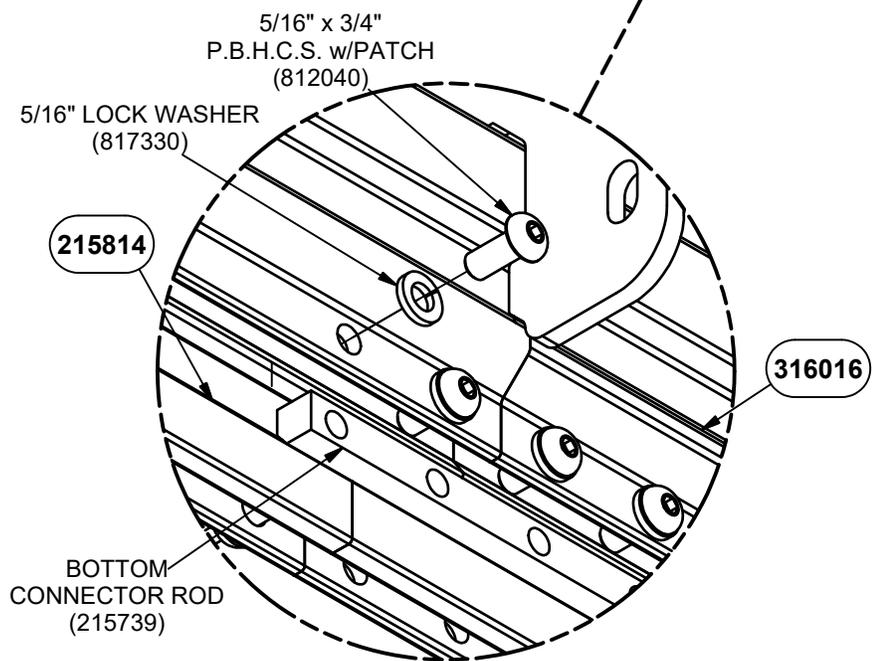
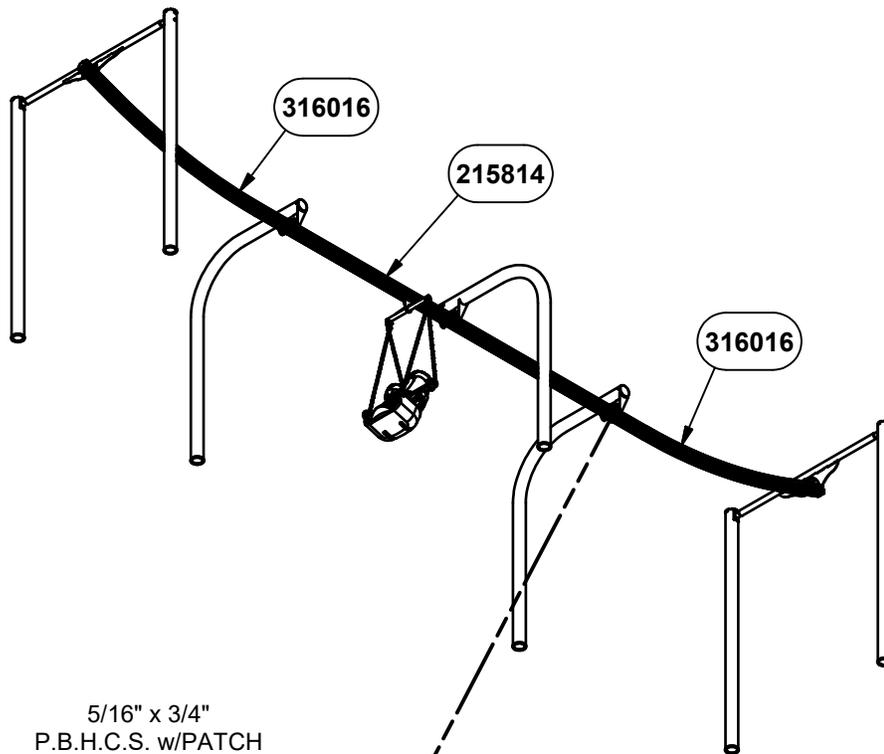
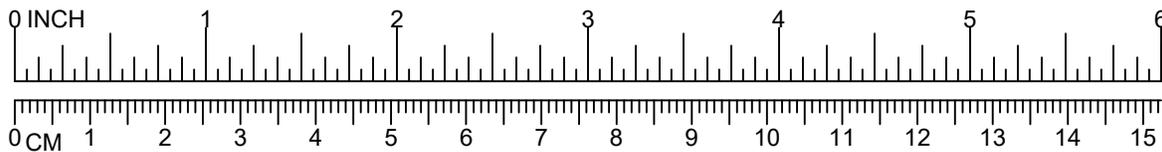
STEP 10
 91777 - 5 PLACES
 91778 - 5 PLACES



STEP 11
 91777 - 8 PLACES
 91778 - 8 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

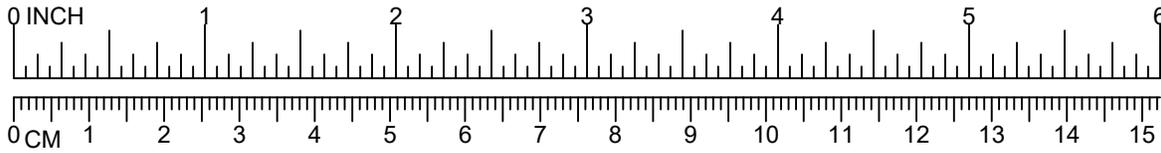
DETAIL VIEW



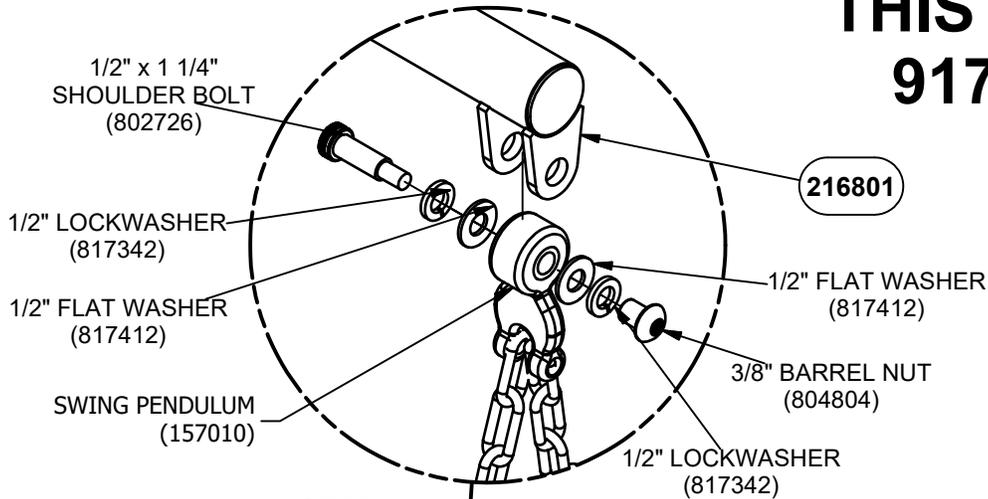
STEP 12
 91777 - 8 PLACES
 91778 - 8 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

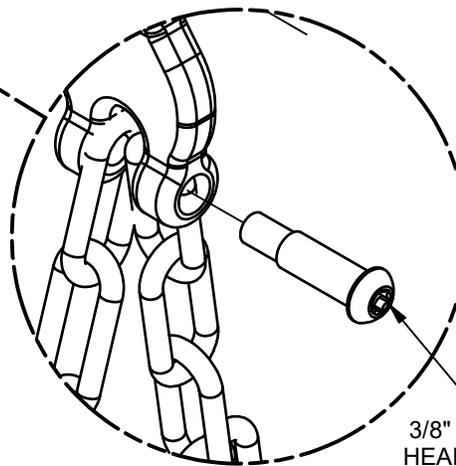
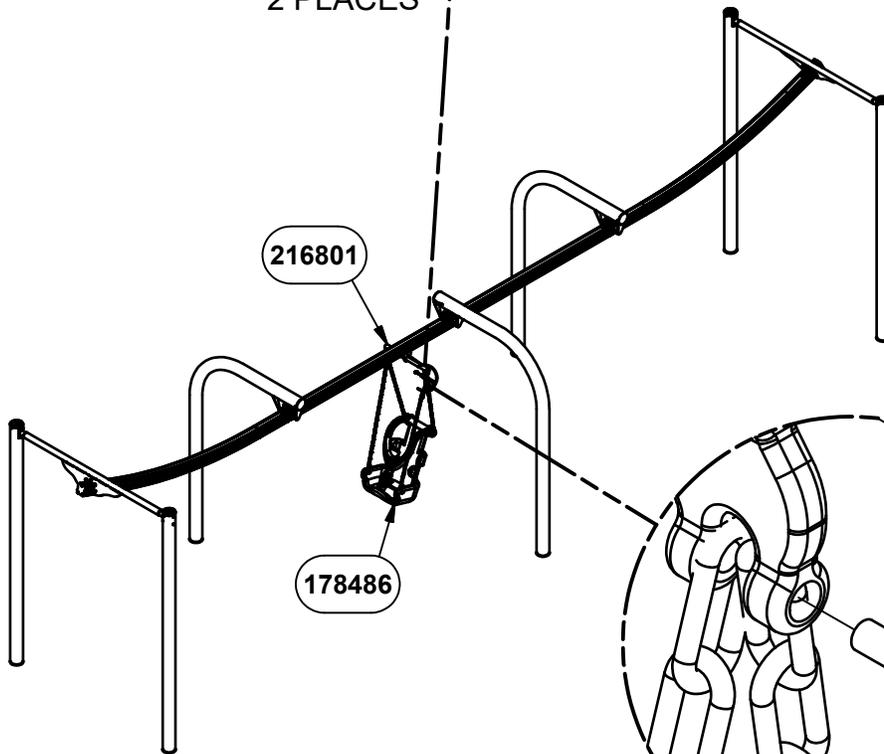
DETAIL VIEW



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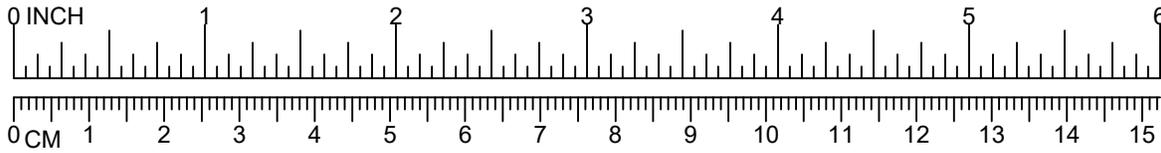
STEP 13
2 PLACES



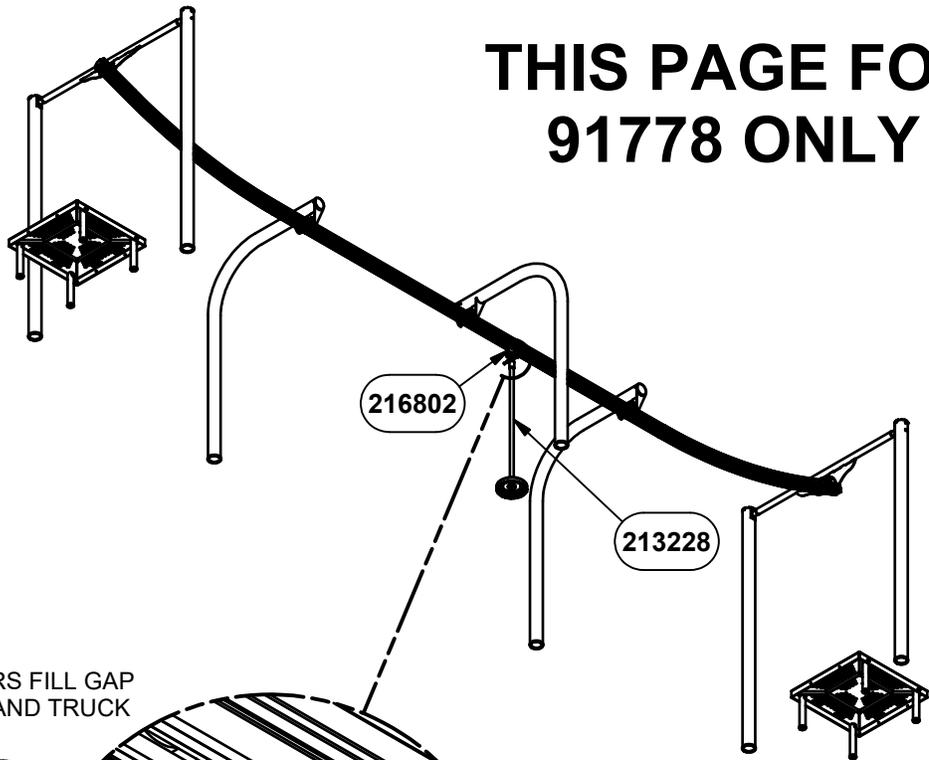
STEP 14
2 PLACES

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

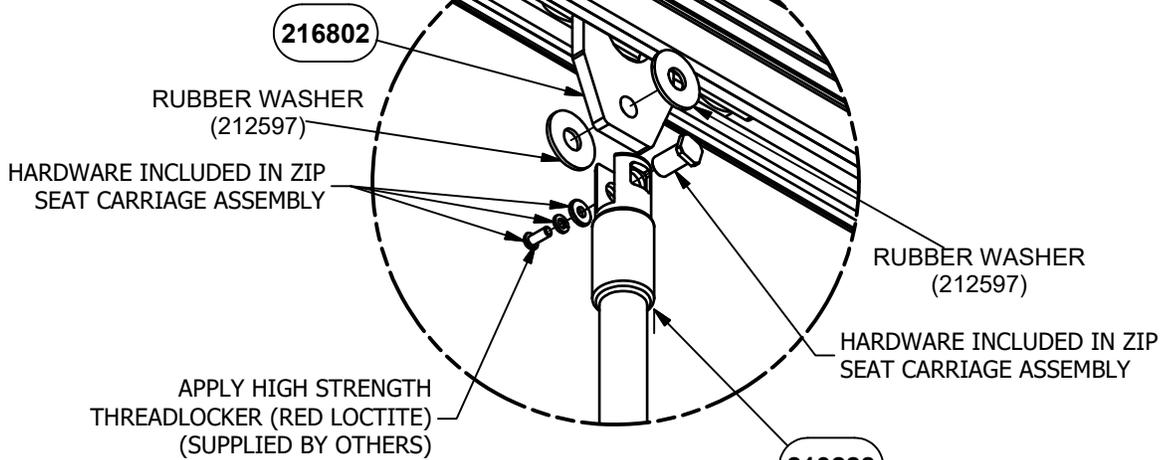
DETAIL VIEW
91777 ONLY



THIS PAGE FOR 91778 ONLY



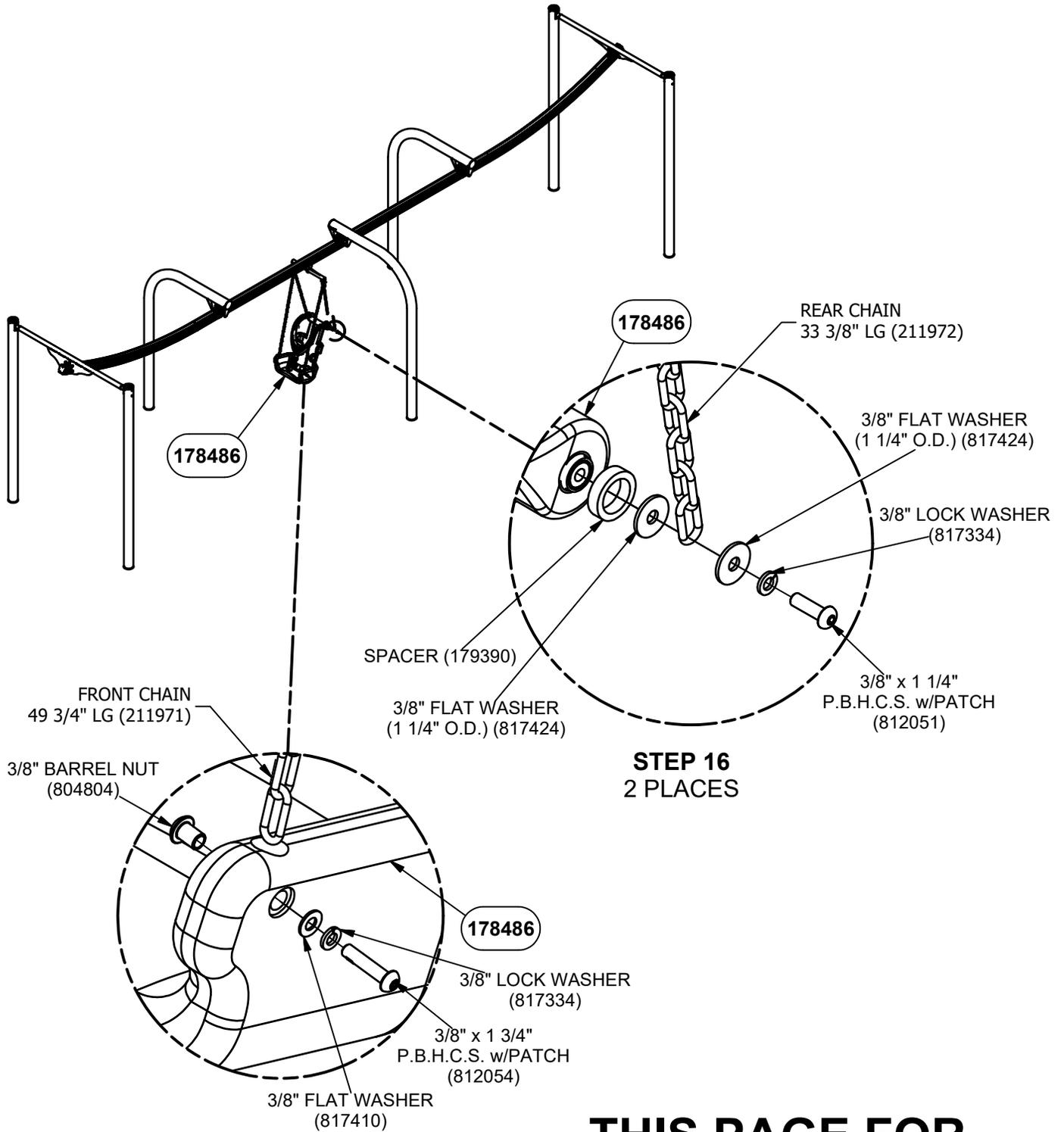
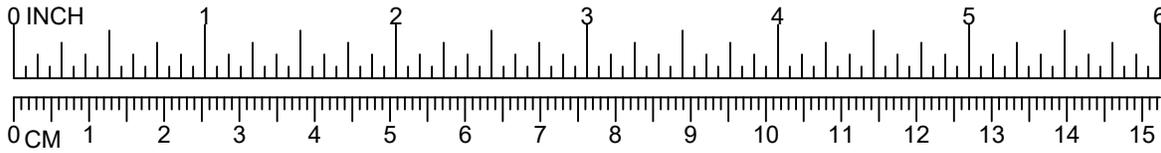
NOTE: RUBBER WASHERS FILL GAP BETWEEN ROPE FORK AND TRUCK



STEP 15

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW
91778 ONLY



178486

178486

REAR CHAIN
33 3/8" LG (211972)

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

3/8" LOCK WASHER
(817334)

SPACER (179390)

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

3/8" x 1 1/4"
P.B.H.C.S. w/PATCH
(812051)

STEP 16
2 PLACES

FRONT CHAIN
49 3/4" LG (211971)

3/8" BARREL NUT
(804804)

178486

3/8" LOCK WASHER
(817334)

3/8" x 1 3/4"
P.B.H.C.S. w/PATCH
(812054)

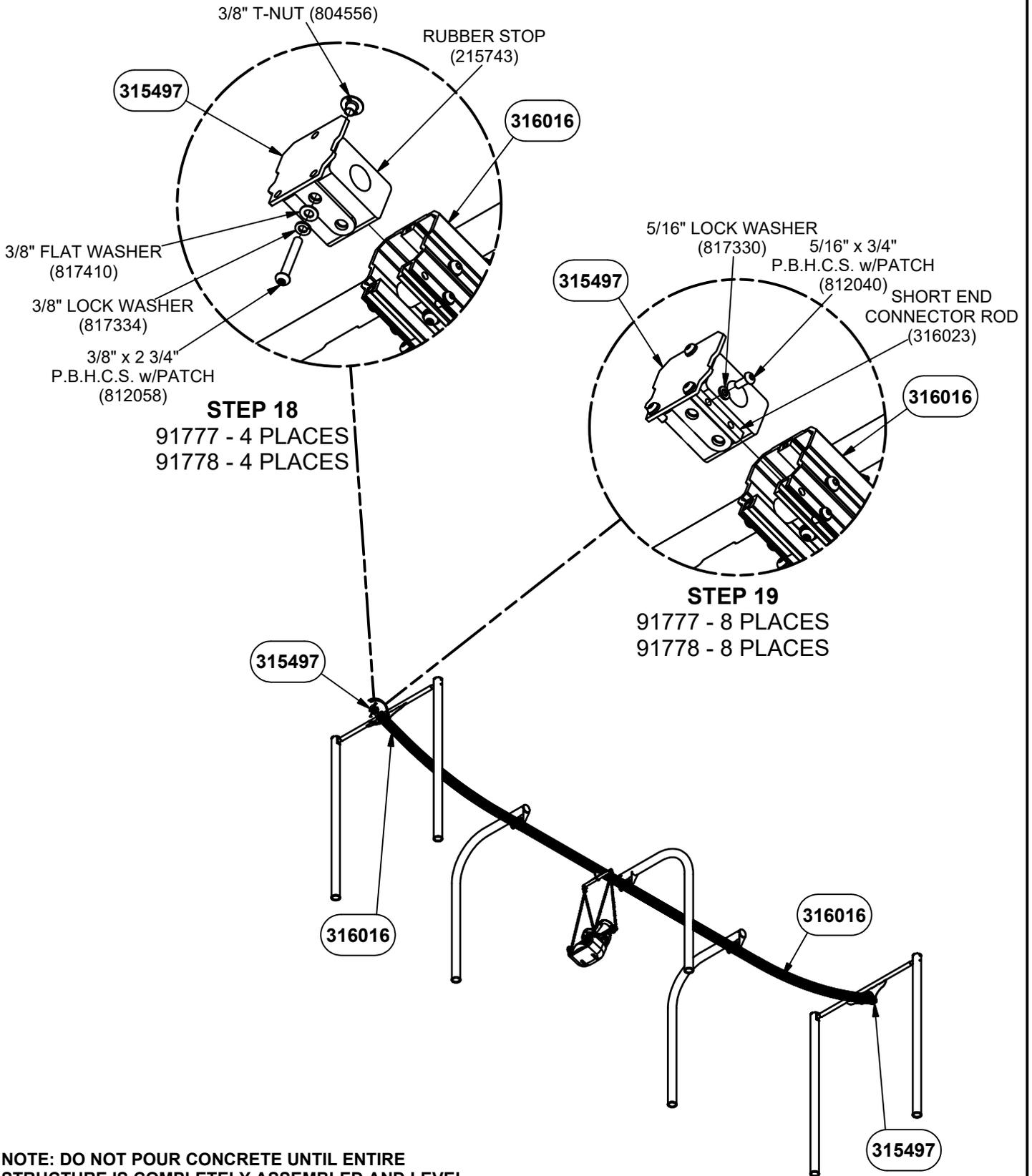
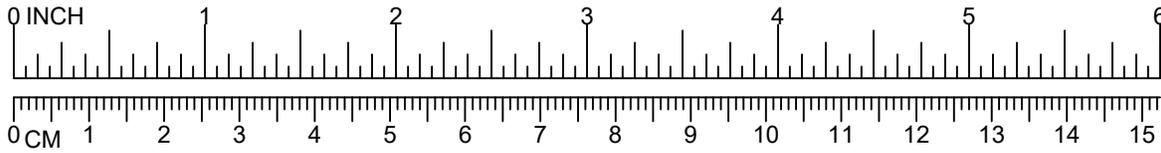
3/8" FLAT WASHER
(817410)

STEP 17
2 PLACES

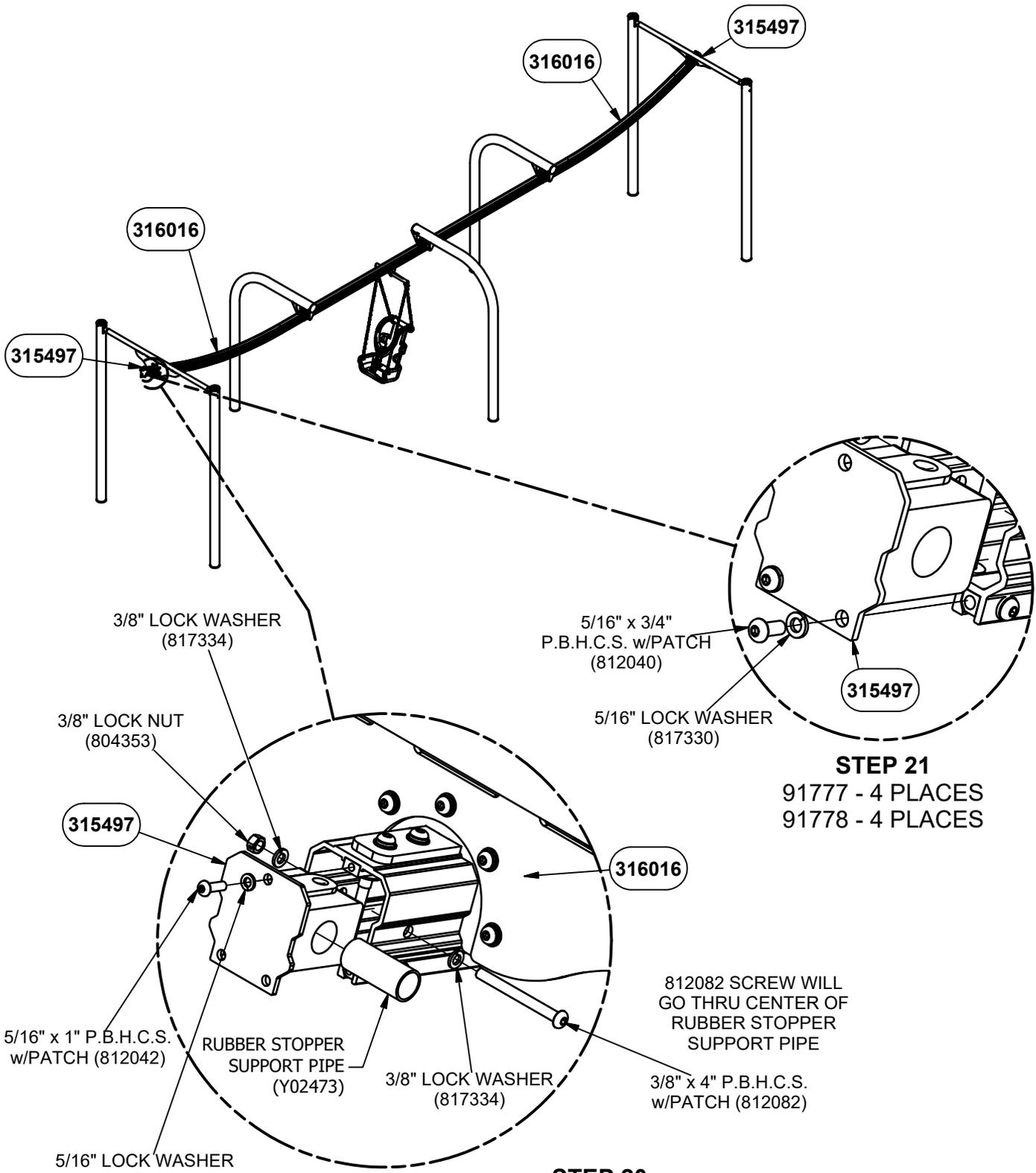
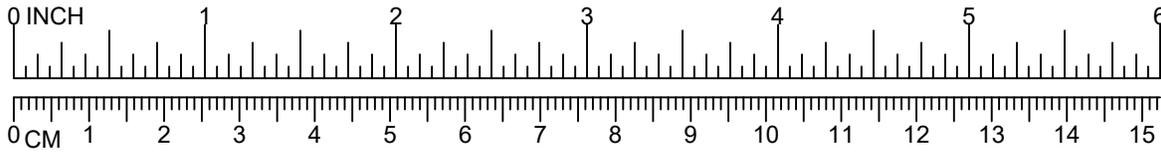
**THIS PAGE FOR
91777 ONLY**

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STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

**DETAIL VIEW
91777 ONLY**



DETAIL VIEW

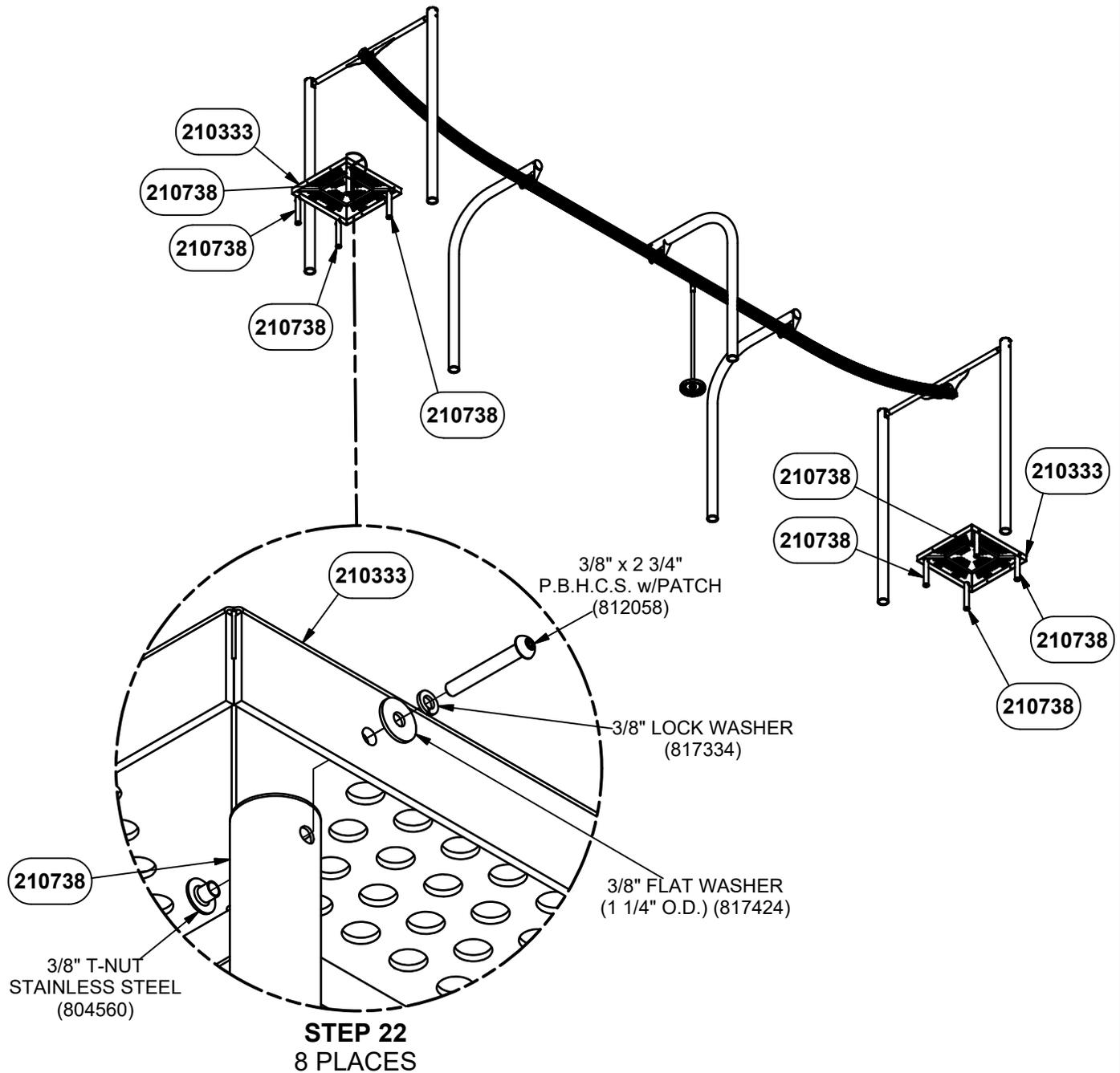
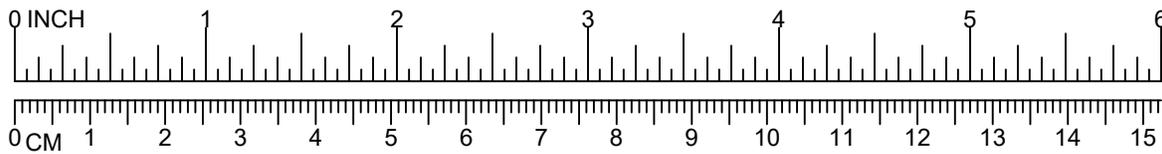


STEP 21
 91777 - 4 PLACES
 91778 - 4 PLACES

STEP 20
 91777 - 2 PLACES
 91778 - 2 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



THIS PAGE IS FOR 91778 ONLY

**NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE
STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

DETAIL VIEW
91778 ONLY

Parts List			
DESCRIPTION	91777	91778	PART NUMBER
STRAIGHT TRACK 178 3/8" LG	1	1	215814
CONNECTION PLATE	5	5	215738
UPRIGHT	4	4	LJNVP9
END PLATE WELDMENT	2	2	315497
FORMED TRACK	2	2	316016
END MOUNTING BAR WELD ASSEMBLY	2	2	222307
ZERO-G SEAT	1	0	178486
ZERO-G CARRAIGE ASSEMBLY	1	0	216801
ZIP SEAT CARRIAGE ASSEMBLY	0	1	216802
ZIP SEAT 63 1/2" ROPE ASSEMBLY	0	1	213228
COATED PLATFORM	0	2	210333
FOOTBUCK WELD ASSEMBLY	0	8	210738
FORMED UPRIGHT WELD ASS'Y	3	3	214335
HARDWARE COMPLETE	1	0	222309
HARDWARE COMPLETE	0	1	222310
RUBBER STOPPER SUPPORT PIPE	2	2	Y02473*
5" INJECTION MOLDED CAP	3	3	207710*
5/16" x 3/4" P.B.H.C.S. w/PATCH	28	28	812040*
5/16" x 1" P.B.H.C.S. w/PATCH	2	2	812042*
5/16" LOCK WASHER	30	30	817330*
3/8" x 3/4" B.H.C.S.	8	8	811052*
3/8" x 1" P.B.H.C.S. w/PATCH	53	53	812050*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	2	0	812051*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	0	812054*
3/8" x 2 3/4" P.B.H.C.S. w/PATCH	4	12	812058*
3/8" x 4" P.B.H.C.S. w/PATCH	2	2	812082*
3/8" x 1" BUTTON HEAD SHOULDER BOLT	2	0	811226*
3/8" FLAT WASHER	84	82	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	4	8	817424*
3/8" LOCK NUT	2	2	804353*
3/8" BARREL NUT	4	0	804804*
3/8" ACORN NUT	25	25	804002*
3/8" LOCK WASHER	65	65	817334*
3/8" T-NUT	4	4	804556*
3/8" T-NUT STAINLESS STEEL	0	8	804560*
1/2" x 1 1/4" SHOULDER BOLT	2	0	802726*
1/2" FLAT WASHER	4	0	817412*
1/2" LOCKWASHER	4	0	817342*
1/4-20 x 3/4" SS SELF DRILLING SCREW	6	6	810072*

**HARDWARE CONTINUED
ON NEXT PAGE**

Parts List			
DESCRIPTION	91777	91778	PART NUMBER
FRONT CHAIN	2	0	211971*
REAR CHAIN	2	0	211972*
SPACER	2	0	179390*
SWING PENDULUM	2	0	157010*
RUBBER STOP	2	2	215743*
RUBBER WASHER	0	2	212597*
BOTTOM CONNECTOR ROD	4	4	215739*
SHORT END CONNECTOR ROD	4	4	316023*
TROLLEY CONNECTOR	5	5	316022*

*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

91878

GameTime

A PLAYCORE Company

1-800-235-2440

RAZOR CLIMBER

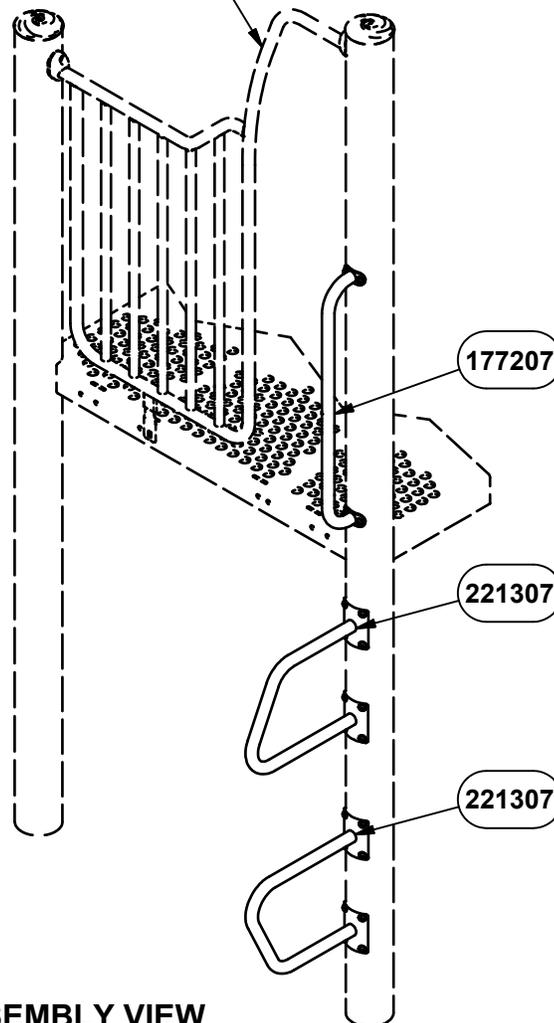
ISSUED/REVISED: 1/22/2024



ANY DECK
HEIGHT

3'-6" AND 4'-0"	91894
4'-6" AND 5'-0"	91878
5'-6" AND 6'-0"	91895
6'-6" AND 7'-0"	91896
7'-6" AND 8'-0"	91897
9'-0"	91898

REFER TO MODULAR EQUIPMENT
TOP VIEW FOR CORRECT
ARCHWAY NUMBER



ASSEMBLY VIEW

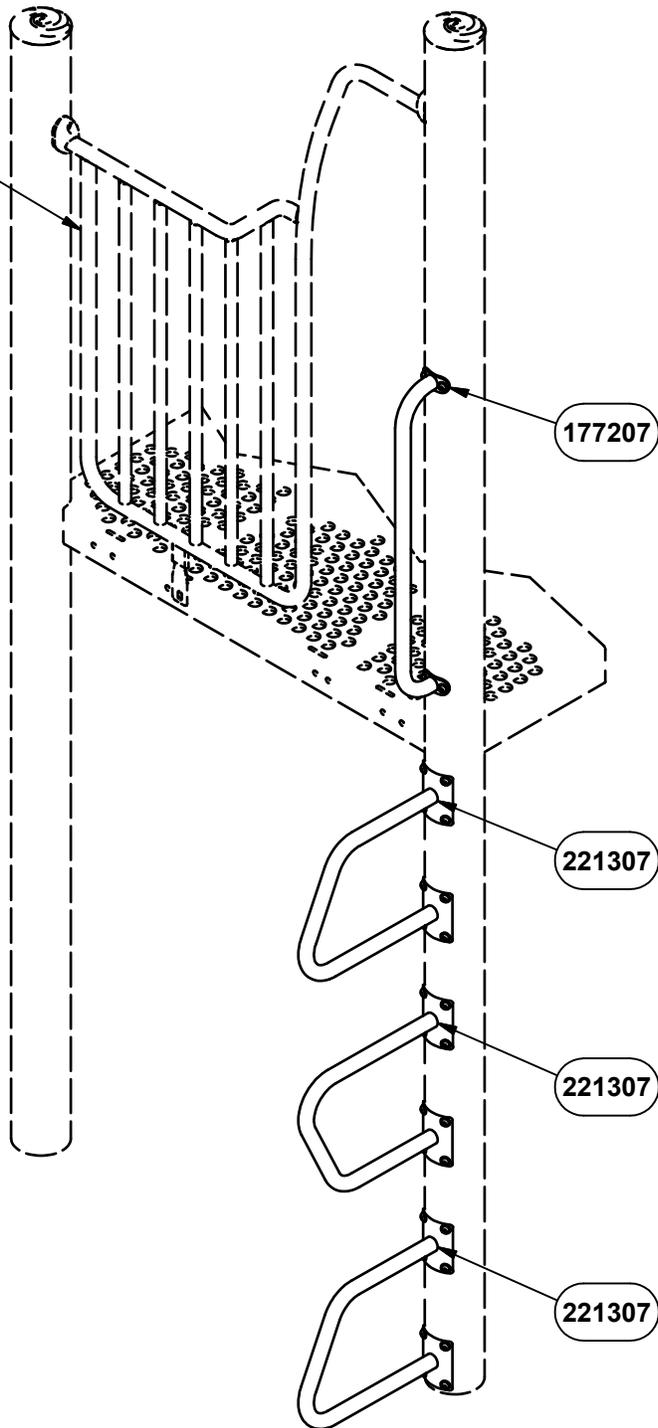
91878 SHOWN

91894 SIMILAR

INSTALLATION INSTRUCTIONS

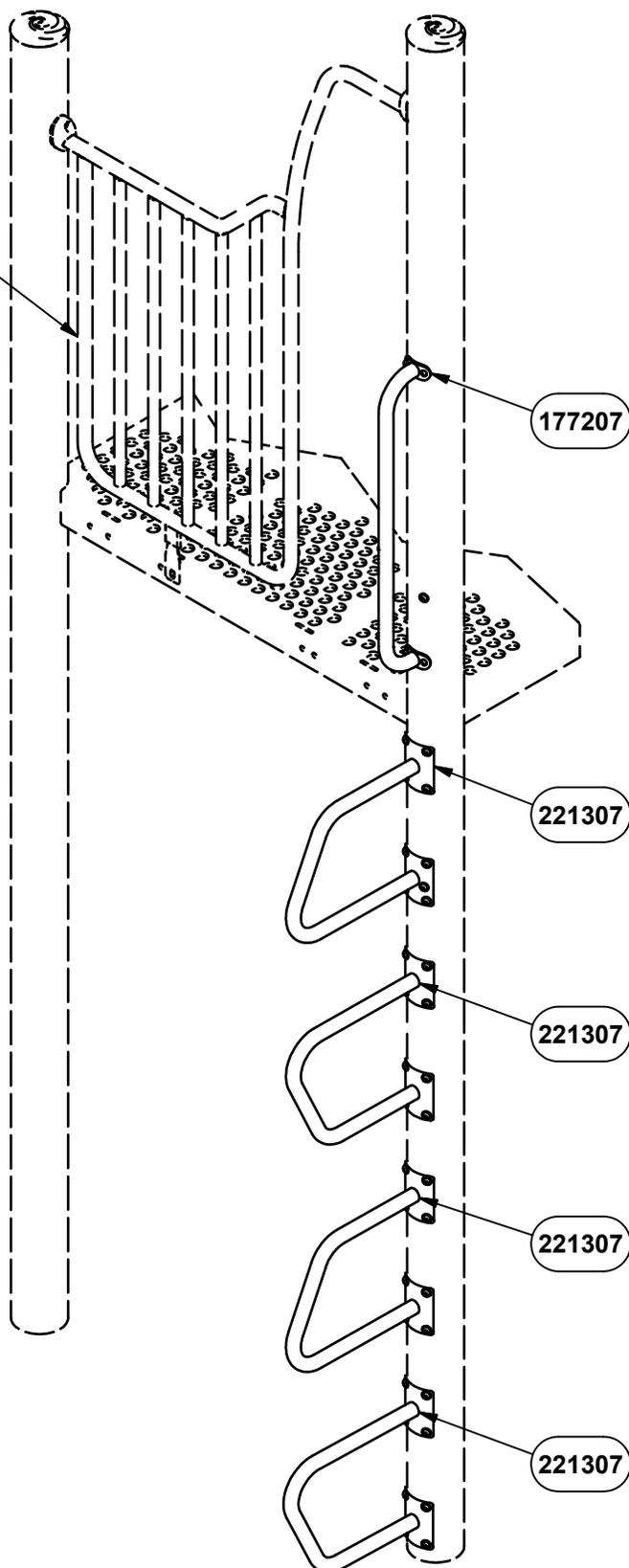
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. **RED THREAD LOCKER (SUPPLIED BY OTHERS) MUST BE APPLIED TO ALL NON-PATCH THREADED HARDWARE.**
4. **DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.**

REFER TO MODULAR EQUIPMENT
TOP VIEW FOR CORRECT
ARCHWAY NUMBER

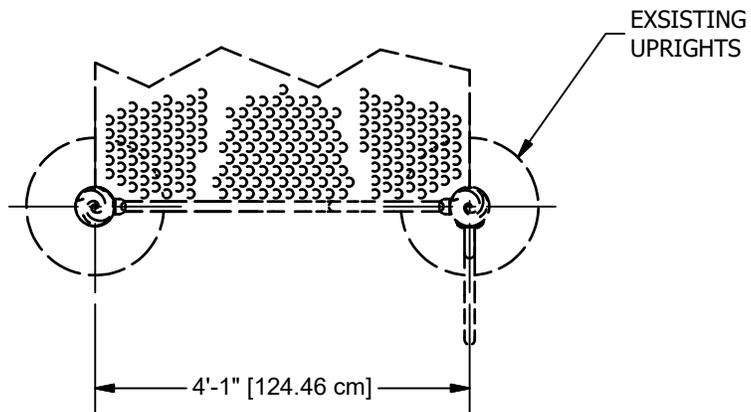


ASSEMBLY VIEW
91895 SHOWN
91896 SIMILAR

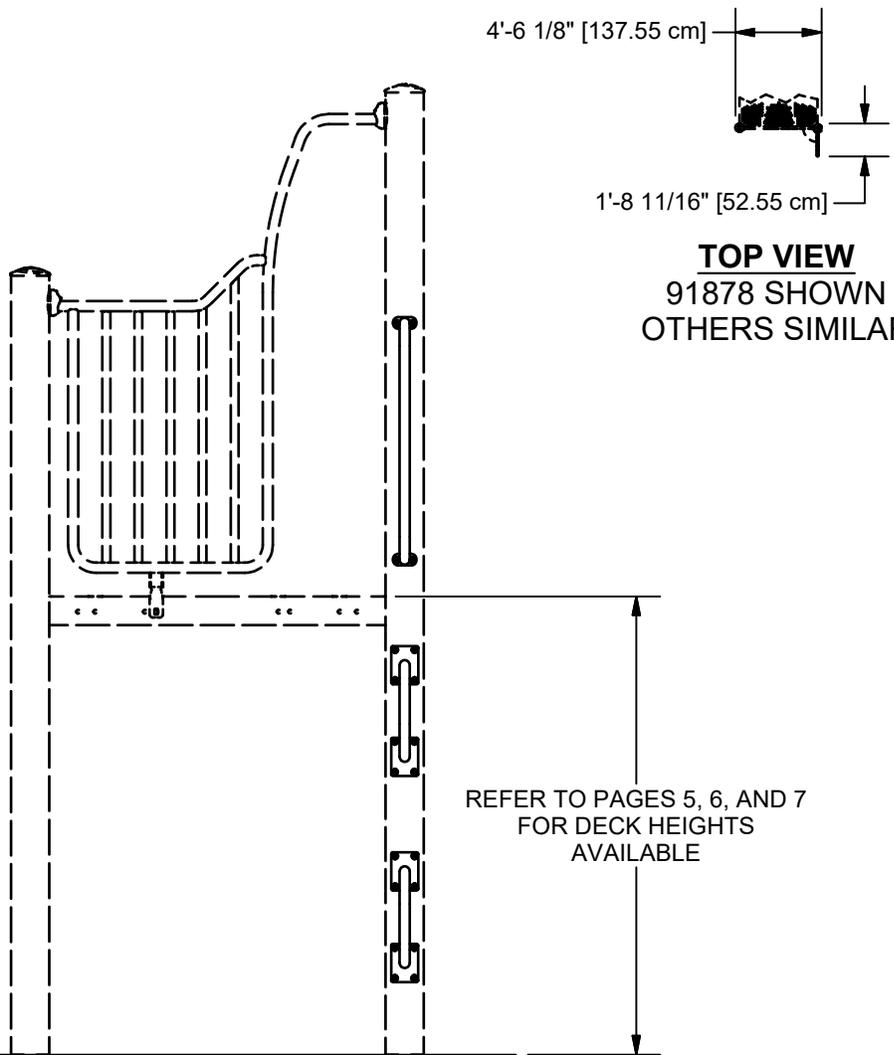
REFER TO MODULAR EQUIPMENT
TOP VIEW FOR CORRECT
ARCHWAY NUMBER



ASSEMBLY VIEW
91897 SHOWN
91898 SIMILAR



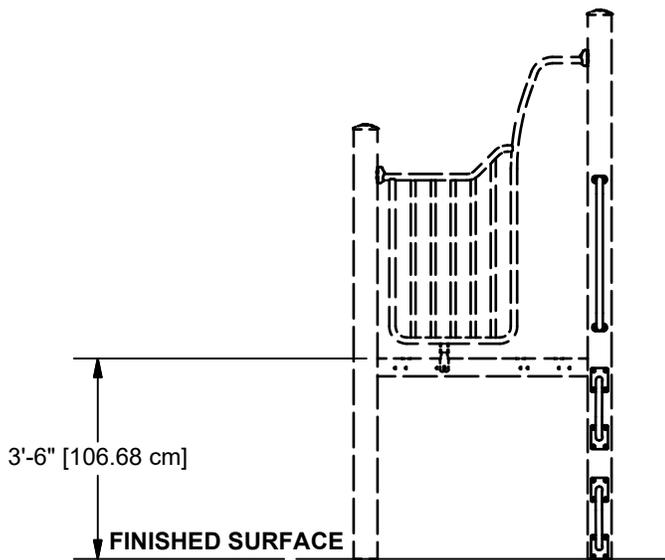
PLAN VIEW
91878 SHOWN
OTHERS SIMILAR



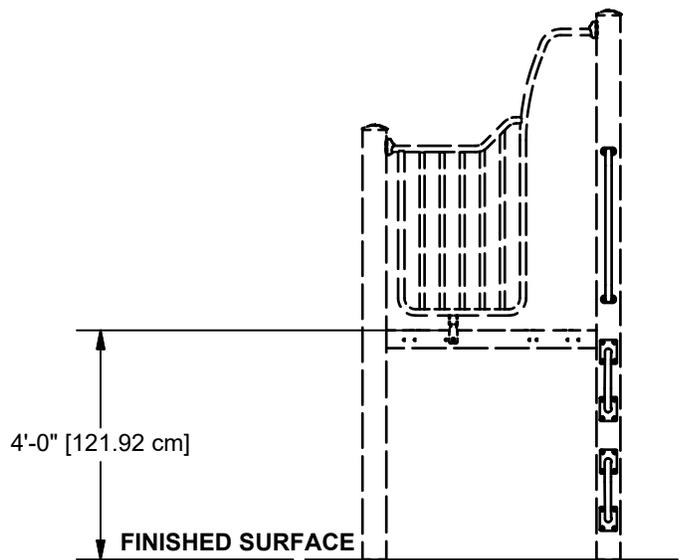
FINISHED SURFACE

ELEVATION VIEW

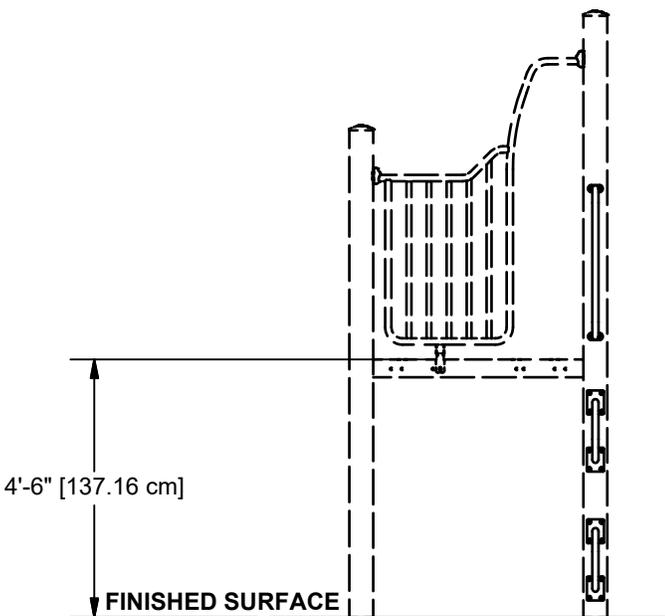
REFER TO PAGES 5, 6, AND 7
FOR DECK HEIGHTS
AVAILABLE



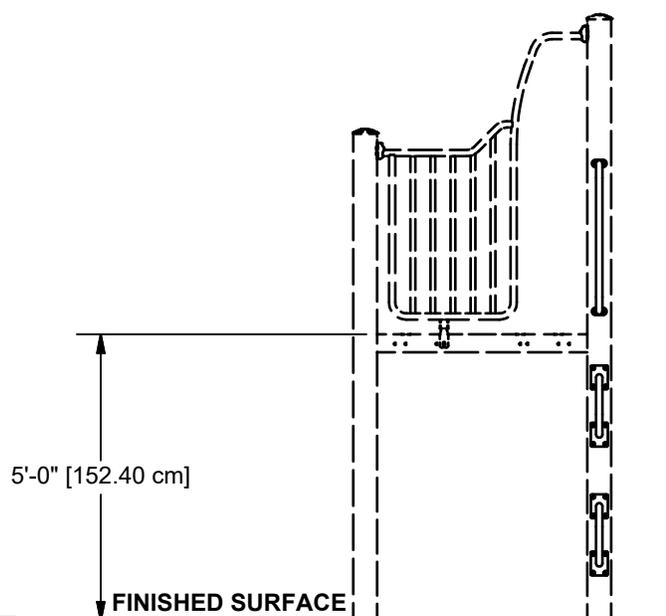
ELEVATION VIEW
 91894 SHOWN
 3'-6" DECK HEIGHT



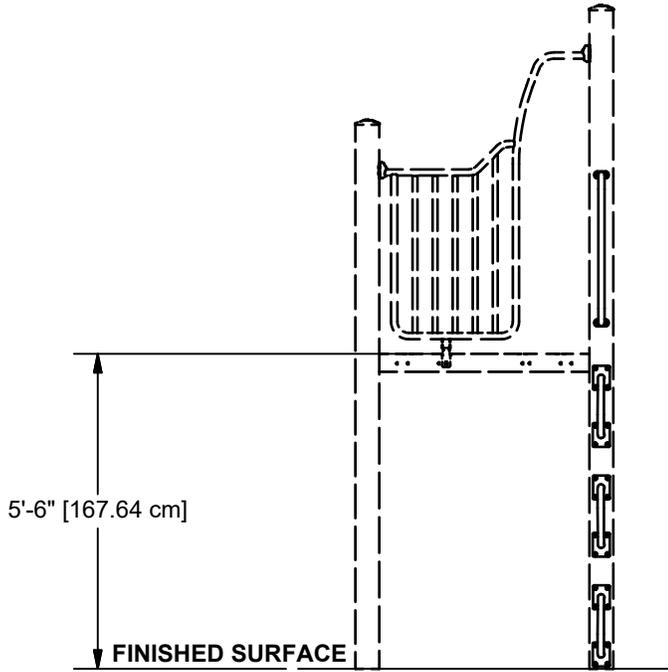
ELEVATION VIEW
 91894 SHOWN
 4'-0" DECK HEIGHT



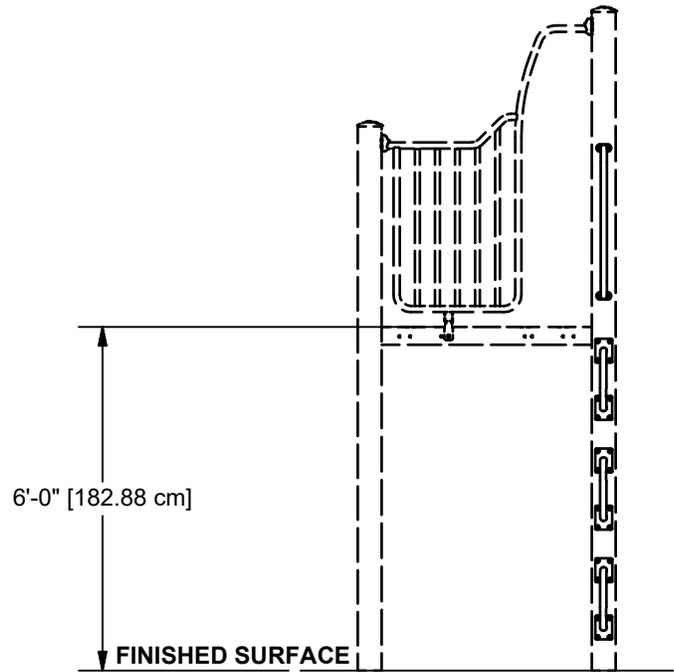
ELEVATION VIEW
 91878 SHOWN
 4'-6" DECK HEIGHT



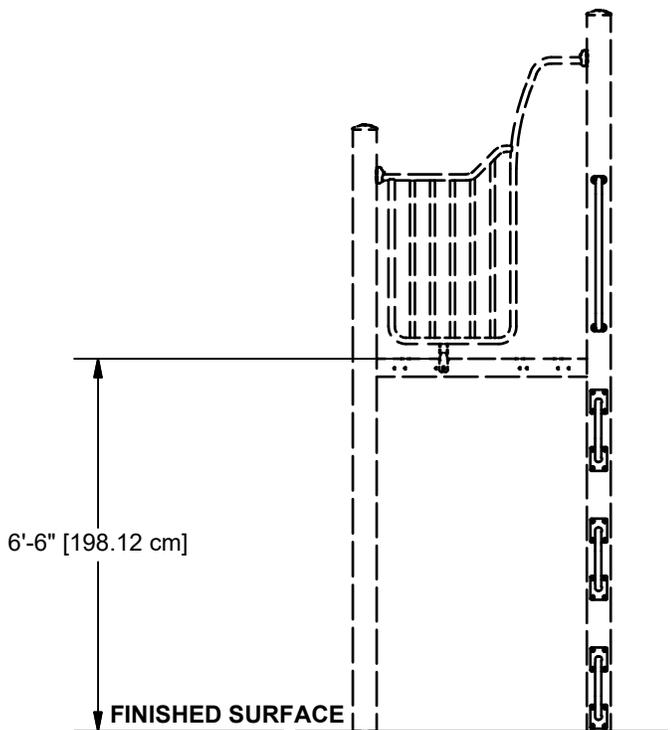
ELEVATION VIEW
 91878 SHOWN
 5'-0" DECK HEIGHT



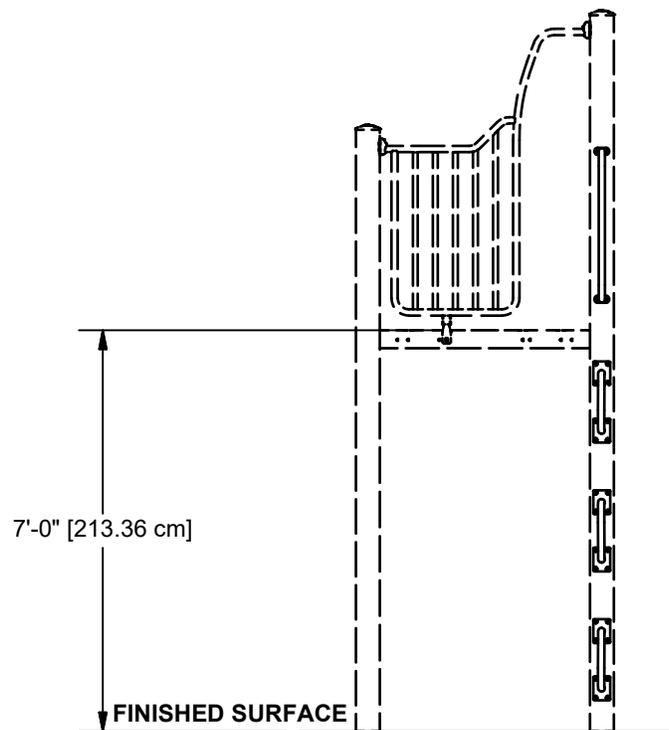
ELEVATION VIEW
 91895 SHOWN
 5'-6" DECK HEIGHT



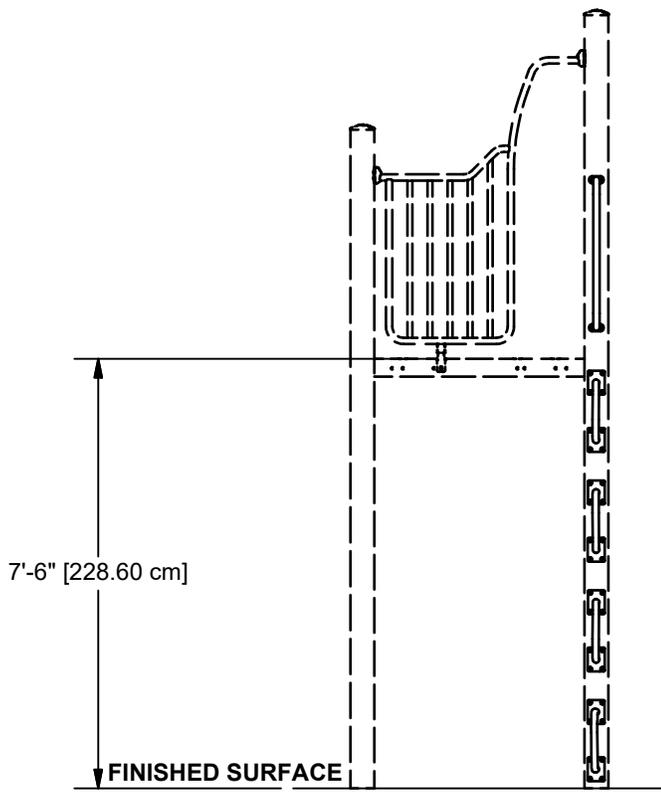
ELEVATION VIEW
 91895 SHOWN
 6'-0" DECK HEIGHT



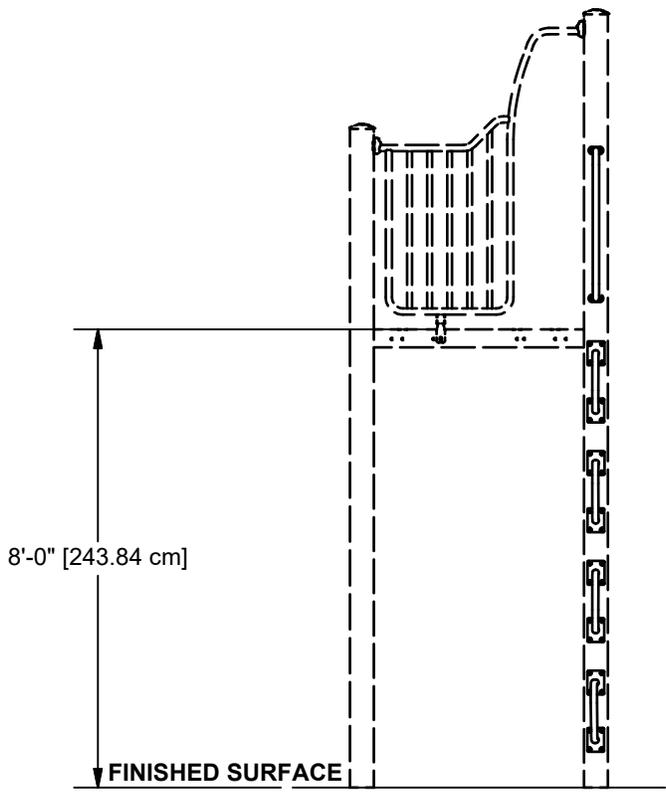
ELEVATION VIEW
 91896 SHOWN
 6'-6" DECK HEIGHT



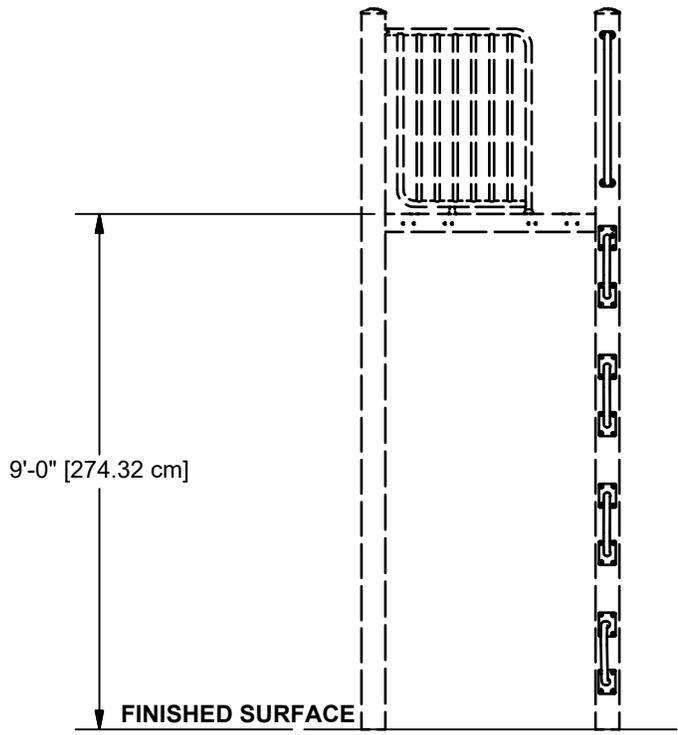
ELEVATION VIEW
 91896 SHOWN
 7'-0" DECK HEIGHT



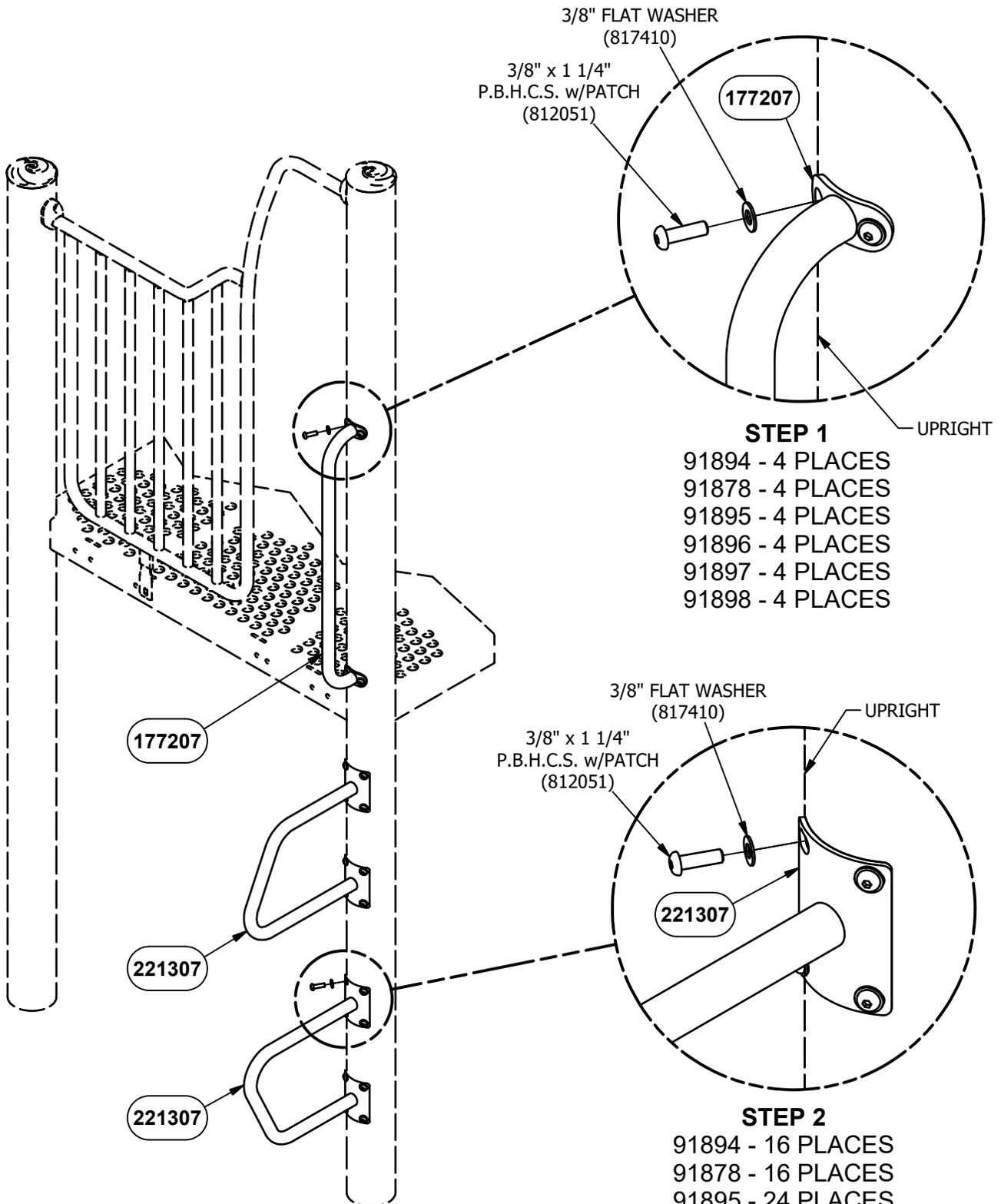
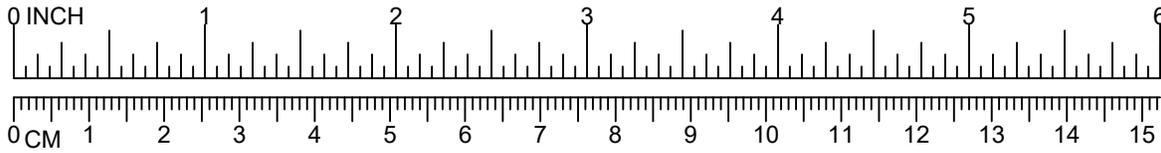
ELEVATION VIEW
 91897 SHOWN
 7'-6" DECK HEIGHT



ELEVATION VIEW
 91897 SHOWN
 8'-0" DECK HEIGHT



ELEVATION VIEW
 91898 SHOWN
 9'-0" DECK HEIGHT



- STEP 1**
- 91894 - 4 PLACES
 - 91878 - 4 PLACES
 - 91895 - 4 PLACES
 - 91896 - 4 PLACES
 - 91897 - 4 PLACES
 - 91898 - 4 PLACES

- STEP 2**
- 91894 - 16 PLACES
 - 91878 - 16 PLACES
 - 91895 - 24 PLACES
 - 91896 - 24 PLACES
 - 91897 - 32 PLACES
 - 91898 - 32 PLACES

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DETAIL VIEW
 91878 SHOWN
 OTHERS SIMILAR

Parts List							
DESCRIPTION	91878	91894	91895	91896	91897	91898	PART NUMBER
HAND HOLD WELD ASSEMBLY	1	1	1	1	1	1	177207
HAND HOLD WELD ASSEMBLY	2	2	3	3	4	4	221307
HARDWARE COMPLETE	1	1	0	0	0	0	223876
HARDWARE COMPLETE	0	0	1	1	0	0	223926
HARDWARE COMPLETE	0	0	0	0	1	1	223927
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	20	20	28	28	36	36	812051*
3/8" FLAT WASHER	20	20	28	28	36	36	817410*

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