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VENTURA UNIFIED SCHOOL DISTRICT

BID ADDENDUM NO. 1 ISSUED 12/19/2024

TO THE CONTRACT DOCUMENTS, SPECIFICATIONS AND PLANS FOR VENTURA UNIFIED SCHOOL DISTRICT

PLAYGROUND REPLACEMENT PROJECT
J SERRA ELEMENTARY SCHOOL
PROJECT NO. **E9-24**

THE BIDDER SHALL CERTIFY ON THE BID FORM THAT THE INFORMATION CONTAINED IN THIS BID ADDENDUM WAS RECEIVED.

BID DUE DATE: Tuesday, January 7. 2025 by 1:00 pm

The following additions, modifications, corrections, deletions and clarifications are hereby made to the Contract Documents of the subject Project and constitute **Addendum Number 1**. This Addendum is hereby incorporated into the contract documents by reference.

I. GENERAL INFORMATION

A. Contract Documents

Appendix A – Installation Guide Replacement 731 pages

II. REVISED SPECIFICATIONS AND DRAWINGS

A. Specifications – All Projects

Item 1. Revised Specifications: **Bold** for additions, ~~strikeout~~ for deletions.

Table of Contents
– add Asphalt Concrete Paving specification section

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Section 11 68 13 – Playground Equipment and Structures
- swap sand play equipment
Section 32 92 00 – Turf and Grasses

B. Drawings

Item 1 **ADDITIONAL TRUNCATED DOMES**
A-1.02, A-2.02

Item 2 **SAND PLAY** – Replacing sand box with movable play equipment.
LC-0.02, LC-1.01, LC-2.01, LC-3.01

Item 3 **MISCELLANEOUS PLAN UPDATES**
A-0.02, LD-1.01, LC-0.01, LC-0.02, LC-0.03, LC-1.01, LC-1.02, LC-1.03, LC-2.01, LC-2.02, LC-3.01, LC-3.02, OC-4.01, LC-4.02, LP-0.01, LP-1.01

---- REVISED DOCUMENTS ATTACHED. ----

END OF **BID ADDENDUM NO. 1** ISSUED 12/19/2024

III. RESPONSES TO REQUESTS FOR INFORMATION

No.	QUESTION	RESPONSE	RESPONSE BY
1	Please provide irrigation plans for Junipero Serra Playground (1st-3rd) at LP-1.02 & 4th-5th Playground at LP-1.03.	Contractor shall adjust existing irrigation per notes #16 & 17, LP-0.01. Note that all new trees shall receive a watering bag per irrigation note #9, LP-0.01. No irrigation plans will be provided for the 1st-3rd and 4th-5th playgrounds.	PCLD
2	Irrigation plans for Junipero Serra Playground (TK-K) at LP-1.01 does not match with planting plans for Junipero Serra Playground (TK-K) at LP-1.01. Please clarify	Turf irrigation plans for the TK/K play area as shown on sheet LP-1.01 match the turf planting plan shown on sheet LP-1.01. Note that all new trees shall receive a watering bag per irrigation note #9, LP-0.01.	PCLD

3	Reference to special condition (file "E9-24 Junipero Serra Playground Project Manual and Specifications, page 205), item #21 (Scope of work items) shows "contractor is responsible for all scope of work as outlined in this document (Special Conditions), Drawings dated 11/25/2024". However date of the set drawing provided is 12/05/2024. Please clarify.	Confirmed drawings are dated 12/05/2024.	VUSD
4	Reference to Junipero Serra Playground (TK-K) – Irrigation plan/ LP-1.01, there is a gate valve shown on lateral line. However, detail C/LP-2.01 shows gate valve is on PVC mainline. Please clarify.	Gate valve has been removed from lateral line. One gate valve remains on the mainline, see sheet LP-1.01.	PCLD
5	Irrigation schedule/ LP-0.01 shows size of mainline shall be line size of existing mainline. Please provide size of existing mainline or provide a size for new mainline for bidding purposes.	Size of existing mainline unknown. Contractor shall field verify size. For bidding purposes, assume a 1.5" line size.	PCLD
6	Please confirm size of gate valve shall be line size of mainline.	Confirmed, the size of the gate valve shall be line size of mainline	PCLD
7	Irrigation schedule/ LP-0.01 shows class 315 sleeves. However, irrigation notes #3/ LP-0.01 shows schedule 40. Please clarify.	Irrigation sleeves shall conform to the "Sleeve Sizing Legend" shown on sheet LP-0.01 where sleeves size 3" and smaller shall be Sch. 40 PVC and sleeves 4" and larger shall be Class 315.	PCLD
8	Irrigation schedule/ LP-0.01 shows size of new backflow preventer shall be same size as existing backflow preventer. Please provide size of existing backflow preventer.	Existing backflow preventer is 1" in size.	PCLD
9	Reference to Junipero Serra Playground (TK-K) – Irrigation plan/ LP-1.01, please clarify the method to route wire. We do not see any point of connection or controller location.	Contractor shall field verify location of controller and point of connection. Contractor shall use existing control wire to existing valve at turf area.	PCLD

10	Please confirm the irrigation is potable system.	Confirmed, irrigation system is potable system.	PCLD
11	Irrigation schedule/ LP-0.01 shows PVC SCH.40 for lateral line. However, spec 328400/3.16 E shows underground branches and offsets at Sprinklers is schedule 80, PVC pipe. Please clarify.	Lateral lines shall be PVCK Sch. 40 per irrigation schedule, sheet LP-0.01.	PCLD
12	Master plant schedule/ LP-0.01 shows Tifway II Bermudagrass for sod. However, spec 329200/2.01 shows Marathon II Sod & Biofiltration Sod. Please clarify.	Contractor shall use Tifway II Bermuda sod per the master plant schedule on sheet LP-0.01.	PCLD
13	Detail A/ LP-2.01 shows planting pit is two times diameter of root ball. However spec 329300/3,3 shows three times as wide a ball diameter. Please clarify.	Contractor shall install new trees with a planting pit 2x the diameter of the rootball per detail A/LP-2.01.	PCLD
14	Are the Plans DSA Approved ? did not see the DSA Stamp. Will they be the primary inspector for the project.	This project is exempt from DSA review. A DSA inspector will be hired by VUSD to inspect the construction of this project.	VUSD

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SECTION 11 68 13
PLAYGROUND EQUIPMENT AND STRUCTURES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

A. Section includes installation of owner-furnished, contractor installed (OFCI) playground equipment and amenities, including:
   1. Playground equipment
   2. Playground signage
B. Related Requirements:
   1. Section 033000 "Cast-in-Place Concrete"
   2. Section 321816.13 “Playground Protective Surfacing”

1.03 DEFINITIONS

A. Definitions in ASTM F1487 apply to Work of this Section.
B. IPEMA: International Play Equipment Manufacturers Association.

1.04 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1.05 INFORMATIONAL SUBMITTALS

A. Qualification Data: For Installer manufacturer and testing agency.
B. Product Certificates: For each type of playground equipment.
C. Sample Warranty: For manufacturer's special warranties.

1.06 CLOSEOUT SUBMITTALS

A. Maintenance Data: For playground equipment and finishes to include in maintenance manuals.

1.07 QUALITY ASSURANCE

A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by the manufacturer.
   1. Installers must have a current manufacturer’s Factory Certification and at least 1 staff member CPSI certified. Installers must have completed projects of this size from the manufacturer in the past 2 years.

1.08 WARRANTY

A. Special Warranty: Manufacturer agrees to repair or replace components of playground equipment that fail in materials or workmanship within specified warranty period.
   1. Failures include, but are not limited to, the following:
      a. Structural failures.
      b. Deterioration of metals, metal finishes, and other materials beyond normal weathering and use.
   2. Warranty Period: Per specific manufacturer.

PART 2 - PRODUCTS

2.01 OWNER-FURNISHED, CONTRACTOR INSTALLED PLAY EQUIPMENT

1. Manufacturer:

a. Gametime- Available from Great Western Recreation. Contact Tyler Kyriopoulos at 435.760.5103. tyler@gwpark.com
   1) Gametime Color: Blizzard Color Palette
b. TK/K Play Structure, Item E-1 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #110673-01-05-TK/K
c. TK/K Group Spinner, Item E-2 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #6372.
d. TK/K Inclusive Seesaw, Item E-3 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #6299.
e. TK/K Dramatic Playhouse, Item E-4 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #36058
f. TK/K Melody Chimes, Item E-5 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #4677.
g. TK/K Concert Trio, Item E-6 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #3259
h. TK/K Group/Arch Swing, Item E-7 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #5058
i. TK/K Single Bay Swing with two (2) adaptive swing seats, Item E-8 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #10740 and #8537
j. 1st-3rd Play Structure, Item E-11 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #110673-01-05-1-3
k. 1st-3rd Inclusive Whirl-Natural, Item E-12 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #6263.
l. 1st-3rd Solo Spinners, Item E-13 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #6246
m. 1st-3rd Shadow Play Flower, Item E-14 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #6236
n. 1st-3rd Buck-a-bout Coil Spring, Item E-15 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #200
o. 1st-3rd Triple Bay Swings, Primetime Swing with two (2) belt swings, two (2) Add-a-Bay with expression swings w/ adaptive seat and adaptive swing package, Item E-16 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #18826, #8910, #12584, and #5165.
p. 1st-3rd Sensory Wave Wall with Metallophone panel, two (2) shadow grove panels, and steel drum, Item E-17 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #6301, #91547, #91030, and #90719.
q. 4th-5th Buck-a-bout Coil Spring, Item E-18 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #200
r. 4th-5th Shadow Play Sky Runner, Item E-19 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #6237
s. 4th-5th Single Post Swing with two (2) expression swings with adaptive seats, Item E-20 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #10740 and #5165.
t. 4th-5th Arch Swing, Item E-21 on Sheet LC-0.01 of the Contract Plans.
   1) Model: #5058

u. 4th-5th Play Structure, Item E-22 on Sheet LC-0.01 of the Contract Plans.
1) Model: #110673-01-05-4-5.

2. Manufacturer:
a. Kompan. Contact James Collis at 805.795.3721. jamcol@kompan.com
1) Kompan Structures Color: Robinia Wood.
b. TK/K Gas Station with 2 Pumps, Item E-9 on Sheet LC-0.01 of the Contract Plans.
1) Model: #NRO513
c. TK/K ~~Oasis Sand Hut with Two Tables~~ **Splash Table**, Item E-10 on Sheet LC-0.01 of the Contract Plans.
1) Model: ~~#NRO526~~ **#NRO513**

2.02 OWNER-FURNISHED, CONTRACTOR INSTALLED SIGNAGE

1. Manufacturer:
a. Gametime- Available from Great Western Recreation. Contact Tyler Kyriopoulos at 435.760.5103. tyler@gwpark.com
1) ~~Park & Play Structures~~ **Gametime** Color: Blizzard Color Palette
b. 1st-3rd Welcome Signage, Inclusive Play Sign Package and Play On Signage, Item A-1 on Sheet LC-0.01 of the Contract Plans.
1) Model: #5179, #14928 and #14927.

2.03 FABRICATION

A. Factory Assembly: Factory assemble components to greatest extent possible to minimize field assembly. Clearly mark units for assembly in the field.

2.04 CAST-IN-PLACE CONCRETE

1. Concrete Materials and Properties: Class A per Section 033000 "Cast-in-Place Concrete"

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for earthwork, subgrade elevations, surface and subgrade drainage, and other conditions affecting performance of the Work.
1. Do not begin installation before final grading required for placing playground equipment and protective surfacing is completed.
B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 INSTALLATION

A. Comply with manufacturer's written installation instructions for each equipment type unless more stringent requirements are indicated. Anchor playground equipment securely, positioned at locations and elevations indicated.
1. Maximum Equipment Height: Coordinate installed fall heights of equipment with finished elevations and critical-height values of protective surfacing. Set equipment so fall heights and elevation requirements for age group use and accessibility are within required limits. Verify that playground equipment elevations comply with requirements for each type and component of equipment.
B. Post and Footing Excavation: Excavate holes for posts and footings as indicated in firm, undisturbed or compacted subgrade soil.
C. Post Set with Concrete Footing: Comply with Section 033000 "Cast-in-Place Concrete" for measuring, batching, mixing, transporting, forming, and placing concrete.

1. Set equipment posts in concrete footing. Protect portion of posts above footing from concrete splatter. Verify that posts are set plumb or at the correct angle, alignment, height, and spacing.
   a. Place concrete around posts and vibrate or tamp for consolidation. Hold posts in position during placement and finishing operations until concrete is sufficiently cured.
2. Embedded Items: Follow equipment manufacturer's written instructions and drawings to ensure correct installation of anchorages for equipment.
3. Finishing Footings: Smooth top, and shape to shed water.

3.03 FIELD QUALITY CONTROL

A. Testing Agency: Owner will engage a qualified testing agency to perform tests and inspections.
B. Playground equipment items will be considered defective if they do not pass tests and inspections.
C. Prepare test and inspection reports.
D. Notify Architect and Owner 48 hours in advance of date(s) and time(s) of testing and inspection.

END OF SECTION 11 68 13

SECTION 32 12 16

ASPHALT CONCRETE PAVING

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 SUMMARY

A. Asphaltic concrete paving for campus recreation.
B. Related Sections include the following:
1. Section 31 20 00 - Earthwork
2. Section 32 17 23 - Pavement Markings
3. Section 32 11 23 - Aggregate Base Courses

1.03 REFERENCES

A. Standard Specifications for Public Works Construction (SSPWC), Latest Edition.
B. ASTM Standards.

1.04 SUBMITTALS

A. Submit asphalt concrete mix design(s) for approval of the District.

1.05 TESTING AND INSPECTION

A. Testing and inspection of asphalt pavement mix(es) and testing of placed stabilizing base course and asphalt pavement will be performed by a laboratory chosen by the District. Testing and inspection will be performed so as to minimize disruption of work.
B. Allow the Testing Laboratory access to the mixing plant for verification of weights or proportions, character of materials used and determination of temperatures used in the preparation of asphaltic concrete mix.

1.06 PROJECT CONDITIONS

A. Environmental Limitations: Do not apply asphalt materials if substrate is wet or excessively damp or if the following conditions are not met:
1. Prime and Tack Coats: Minimum surface temperature of 60 deg F (15.5 deg C).
2. Slurry Coat: Comply with weather limitations of ASTM D 3910.
3. Asphalt Base Course: Minimum surface temperature of 40 deg F (4 deg C) and rising at time of placement.
4. Asphalt Surface Course: Minimum surface temperature of 60 deg F (15.5 deg C) at time of placement.

PART 2 - PRODUCTS

2.01 GENERAL

A. Provide the aggregate base, and bituminous surface conforming to the requirements of the standard specifications for public works construction (SSPWC).

2.02 PAVING MATERIALS

A. Asphalt Concrete: Asphalt concrete material shall be C2-PG 64-10 per SSPWC Section 203-6. The grading and proportioning of aggregates shall be such that the combined mineral aggregate conforms to the specified requirements.
B. Asphalt Emulsion: SSPWC Section 203-3, Grade SS-1h.
C. Prime Coat: Grade SC-70 per SSPWC Section 203-2.
D. Aggregates for base course shall conform to requirements of Specification Section 32 11 23, Aggregate Base Course.

2.03 ASPHALT PAVEMENT MIX

A. Combine mineral constituents in proportions to produce a mixture conforming to requirements of the SSPWC Section 203-6.
B. Percentage by weight of asphalt cement in mixture shall be in accordance with SSPWC Section 203-6.
C. Maintain thorough and uniform mixture.
D. Bring asphalt and mineral constituents to required temperatures before mixing. Ensure aggregates are sufficiently dry so as not to cause foaming in mixture.

PART 3 - EXECUTION

3.01 GENERAL

A. Execute work in accordance with SSPWC section 302.

3.02 PREPARATION

A. Ensure grading of subgrade to required elevation. Subgrade preparation shall be per SSPWC Section 301.
B. Before final rolling, shape entire section, add additional sub-soil if necessary, and compact subgrade to provide grades, elevation and cross-section indicated. Points of finished subgrade surface shall be within 0.04 foot of elevations indicated on the Drawings.

3.03 BASE COURSE

A. Place aggregate base in accordance with requirements of SSPWC section 301 and to the thickness shown on the drawings. Grade and compact in 6-inch layers to at least 95 percent of compaction (ASTM D1557).
B. Existing: Where existing asphalt is demolished and removed and existing base course is approved to be reused, grade and compact existing aggregate base course with additional base course aggregate as required to meet the requirements of SSPWC section 301 to at least 95 percent of compaction (ASTM D1557).

3.04 MAINTENANCE

A. Maintain the base course until the asphaltic pavement is in place. Maintenance shall include drainage, rolling, shaping and water as necessary to maintain the course in proper condition. Maintain sufficient moisture at the surface to prevent a dusty condition. Areas

of completed base course that are damaged shall be conditioned, reshaped and re-compacted in accordance with the requirements of the Specifications without additional cost to the District.

3.05 TACK COAT

A. Prior to the application of the asphalt concrete, a paint binder (tack coat) shall be applied to all surfaces of walkway, curbs, gutters, manholes and drainage structures which will be in contact with asphalt pavement per SSPWC Section 302-5.4.
B. Coat surfaces of catch basins which are to remain free of asphalt with oil, or provide equivalent protection, to prevent asphalt adhesion.

3.06 PRIME COAT

A. Prior to the application of the asphalt concrete, a prime coat shall be applied at a rate of 0.20 to 0.40 gallons per square yard.

3.07 ASPHALT CONCRETE

A. Requirements: The bituminous concrete shall consist of mineral aggregate, uniformly mixed with bituminous material in a central plant in accordance with SSPWC Section 203-6. The percentage of asphalt binder shall be in accordance with SSPWC Section 203-6. The mixing plant and construction equipment shall conform to the requirements of SSPWC Sections 203-6 and 302-5.
B. Placing: Deliver bituminous mixtures to the work site temperatures specified in SSPWC Section 302-5.5. Spread and place in accordance with SSPC Section 302-5.5. Asphalt surface shall be fog-sealed.
C. Compaction: Initial or breakdown rolling and the final rolling of the uppermost layer of the asphalt concrete shall be in accordance with SSPWC Section 302-5.6. Compaction by vehicular traffic shall not be permitted.

3.08 JOINING PAVEMENT

A. Carefully make joints between old and new pavements or between successive days work in such manner as to insure a continuous bond between old and new sections of the course in accordance with SSPWC Section 302.
B. Expose and clean edges of existing pavement. Cut edge to straight, vertical surfaces. Paint all joints with a uniform coat of tack coat before the fresh mixture is placed. Prepare joints in the new pavement in accordance with SSPWC Section 302-5.7.

3.09 JOINING NON-PAVED AREAS

A. Where paving will join landscape or other non-hardscape area a redwood header shall be installed.

3.10 TOLERANCES

A. Flatness: Maximum variation of 1/8 inch when measured with a 10-foot straight edge
B. Variation from True Elevation: Within 1/4 inch.

3.11 FIELD QUALITY CONTROL

A. Inspection and testing shall be performed by the District’s chosen Testing Laboratory.

B. Field inspection and testing will be performed by the Testing Laboratory. The Contractor shall cooperate with such testing and shall give the District advance notice of paving scheduling. Sufficient “Advance Notice” shall be determined by the District.
C. If tests indicate materials do not meet specified requirement, replace material and retest at no additional cost to the District.
D. Frequency of Test: As determined by the Testing Laboratory.

3.12 PROTECTION:

A. Immediately after placement, protect pavement from mechanical injury or damage. Should damage occur, Contractor shall remove and replace or repair at the expense of the Contractor.

3.13 QUALITY CONTROL

A. Perform the following contract conformance testing:

Material	**Test**	**Frequency**
Asphalt Concrete	Submit Load Tickets	Daily*
Asphalt Concrete	Field Temperature in Window	Record Hourly
Asphalt Concrete	California Test 375 (Relative Compaction)	Daily*

*Test Samples shall not represent more than 500 tons or 1 day’s production, whichever is less.

END OF SECTION 32 12 16

SECTION 32 92 00

TURF AND GRASSES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

A. Section Includes:

1. Sodding.

B. Related Requirements:

1. Section 329300 "Plants" for trees, shrubs, ground covers, and other plants as well as border edgings and mow strips.

1.03 DEFINITIONS

A. Finish Grade: Elevation of finished surface of planting soil.

B. Pesticide: A substance or mixture intended for preventing, destroying, repelling, or mitigating a pest. Pesticides include insecticides, miticides, herbicides, fungicides, rodenticides, and molluscicides. They also include substances or mixtures intended for use as a plant regulator, defoliant, or desiccant. **VUSD is a pesticide free district. All pest and weed abatement shall be per VUSD requirements and utilize non-toxic ingredients, such as Earth's Ally or approved equal. Toxic chemical based pesticides are prohibited.**

C. Pests: Living organisms that occur where they are not desired or that cause damage to plants, animals, or people. Pests include insects, mites, grubs, mollusks (snails and slugs), rodents (gophers, moles, and mice), unwanted plants (weeds), fungi, bacteria, and viruses.

D. Planting Soil: Existing, on-site soil; imported soil; or manufactured soil that has been modified with soil amendments and perhaps fertilizers to produce a soil mixture best for plant growth. See Section 329115 "Soil Preparation (Performance Specification)" and drawing designations for planting soils.

E. Subgrade: The surface or elevation of subsoil remaining after excavation is complete, or the top surface of a fill or backfill before planting soil is placed.

1.04 PREINSTALLATION MEETINGS

A. Preinstallation Conference: Conduct conference at Project site.

1. Construction Manager, Superintendent, Landscape Contractor Foreman, Landscape Architect.

1.05 INFORMATIONAL SUBMITTALS

A. Certification of Grass Sod: From seed vendor for each grass-seed monostand or mixture, stating the botanical and common name, percentage by weight of each species and

variety, and percentage of purity, germination, and weed seed. Include the year of production and date of packaging.

1. Certification of each seed mixture for turfgrass sod. Include identification of source and name and telephone number of suppliers.

B. Product Certificates: For fertilizers, from manufacturer.

1.06 CLOSEOUT SUBMITTALS

A. Maintenance Data: Recommended procedures to be established by Owner for maintenance of turf and meadows during a calendar year. Submit before expiration of required maintenance periods.

1.07 QUALITY ASSURANCE

1.08 DELIVERY, STORAGE, AND HANDLING

A. Seed and Other Packaged Materials: Deliver packaged materials in original, unopened containers showing weight, certified analysis, name and address of manufacturer, and indication of compliance with state and Federal laws, as applicable.

B. Sod: Harvest, deliver, store, and handle sod according to requirements in "Specifications for Turfgrass Sod Materials" and "Specifications for Turfgrass Sod Transplanting and Installation" sections in TPI's "Guideline Specifications to Turfgrass Sodding." Deliver sod within 24 hours of harvesting and in time for planting promptly. Protect sod from breakage and drying.

C. Bulk Materials:

1. Do not dump or store bulk materials near structures, utilities, walkways and pavements, or on existing turf areas or plants.
2. Accompany each delivery of bulk materials with appropriate certificates.

1.09 FIELD CONDITIONS

A. Planting Restrictions: Plant during one of the following periods. Coordinate planting periods with initial maintenance periods to provide required maintenance from date of planting completion.

1. Fall Planting: October 15 through December 31.

B. Weather Limitations: Proceed with planting only when existing and forecasted weather conditions permit planting to be performed when beneficial and optimum results may be obtained. Apply products during favorable weather conditions according to manufacturer's written instructions.

PART 2 - PRODUCTS

2.01 TURFGRASS SOD

A. Turfgrass Sod: Certified, complying with "Specifications for Turfgrass Sod Materials" in TPI's "Guideline Specifications to Turfgrass Sodding." Furnish viable sod of uniform density, color, and texture that is strongly rooted and capable of vigorous growth and development when planted.

B. Turfgrass Species, Cool-Season Grass: Sod of grass species as follows, with not less than 85 percent germination, not less than 95 percent pure seed, and not more than 0.5 percent weed seed:

1. Products: Subject to compliance with requirements, provide the following available products that may be incorporated into the Work include, but are not limited to, the following:

a. ~~Marathon II Sod~~. **Tifway II Bermuda sod.**
b. ~~Biofiltration Sod.~~

2.02 FERTILIZERS

A. Slow-Release Fertilizer: Granular or pelleted fertilizer consisting of 50 percent water-insoluble nitrogen, phosphorus, and potassium in the following composition:

1. Composition:

a. 20 percent nitrogen, 10 percent phosphorous, and 10 percent potassium, by weight.
b. Nitrogen, phosphorous, and potassium in amounts recommended in soil reports from a qualified soil-testing laboratory.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine areas to be planted for compliance with requirements and other conditions affecting installation and performance of the Work.

1. Verify that no foreign or deleterious material or liquid such as paint, paint washout, concrete slurry, concrete layers or chunks, cement, plaster, oils, gasoline, diesel fuel, paint thinner, turpentine, tar, roofing compound, or acid has been deposited in soil within a planting area.
2. Suspend planting operations during periods of excessive soil moisture until the moisture content reaches acceptable levels to attain the required results.
3. Uniformly moisten excessively dry soil that is not workable, or which is dusty.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

C. If contamination by foreign or deleterious material or liquid is present in soil within a planting area, remove the soil and contamination as directed by Architect and replace with new planting soil.

3.02 PREPARATION

A. Protect structures; utilities; sidewalks; pavements; and other facilities, trees, shrubs, and plantings from damage caused by planting operations.

1. Protect adjacent and adjoining areas from hydroseeding and hydromulching overspray.
2. Protect grade stakes set by others until directed to remove them.

3.03 TURF AREA PREPARATION

A. General: Prepare planting area for soil placement and mix planting soil according to Section 329115 "Soil Preparation (Performance Specification)."

B. Placing Planting Soil: Blend planting soil in place.

1. Reduce elevation of planting soil to allow for soil thickness of sod.

C. Moisten prepared area before planting if soil is dry. Water thoroughly and allow surface to dry before planting. Do not create muddy soil.

D. Before planting, obtain Architect's acceptance of finish grading; restore planting areas if eroded or otherwise disturbed after finish grading.

3.04 SODDING

A. Lay sod within 24 hours of harvesting unless a suitable preservation method is accepted by Architect prior to delivery time. Do not lay sod if dormant or if ground is frozen or muddy.

B. Lay sod to form a solid mass with tightly fitted joints. Butt ends and sides of sod; do not stretch or overlap. Stagger sod strips or pads to offset joints in adjacent courses. Avoid damage to soil or sod during installation. Tamp and roll lightly to ensure contact with soil, eliminate air pockets, and form a smooth surface. Work sifted soil or fine sand into minor cracks between pieces of sod; remove excess to avoid smothering sod and adjacent grass.

1. Lay sod across slopes exceeding 1:3.

C. Saturate sod with fine water spray within two hours of planting. During first week after planting, water daily or more frequently as necessary to maintain moist soil to a minimum depth of 1-1/2 inches below sod.

3.05 TURF MAINTENANCE

A. General: Maintain and establish turf by watering, fertilizing, weeding, mowing, trimming, replanting, and performing other operations as required to establish healthy, viable turf. Roll, regrade, and replant bare or eroded areas to produce a uniformly smooth turf. Provide materials and installation the same as those used in the original installation.

1. Fill in as necessary soil subsidence that may occur because of settling or other processes. Replace materials and turf damaged or lost in areas of subsidence.

2. ~~Apply treatments as required to keep turf and soil free of pests and pathogens or disease. Use integrated pest management practices whenever possible to minimize the use of pesticides and reduce hazards.~~ **VUSD is a pesticide free district. All pest and weed abatement shall be per VUSD requirements and utilize non-toxic ingredients, such as Earth's Ally or approved equal. Toxic chemical based pesticides are prohibited.**

B. Watering: Install and maintain temporary piping, hoses, and turf-watering equipment to convey water from sources and to keep turf uniformly moist to a depth of 4 inches.

1. Schedule watering to prevent wilting, puddling, erosion, and displacement of seed or mulch. Lay out temporary watering system to avoid walking over muddy or newly planted areas.

2. Water turf with fine spray at a minimum rate of 1 inch per week unless rainfall precipitation is adequate.

C. Mow turf as soon as top growth is tall enough to cut. Repeat mowing to maintain specified height without cutting more than one-third of grass height. Remove no more

than one-third of grass-leaf growth in initial or subsequent mowings. Do not delay mowing until grass blades bend over and become matted. Do not mow when grass is wet. Schedule initial and subsequent mowings to maintain the following grass height:

1. Mow Marathon II Sod to a height of 1-1/2 to 2 inches.

D. Turf Postfertilization: Apply slow-release fertilizer after initial mowing and when grass is dry.

1. Use fertilizer that provides actual nitrogen of at least 1 lb/1000 sq. ft. to turf area.
2. Continue weed and feed application for one year or a total of 4 applications to new and established areas.

3.06 SATISFACTORY TURF

A. Turf installations shall meet the following criteria as determined by Architect:

1. Satisfactory Seeded Turf: At end of maintenance period, a healthy, uniform, close stand of grass has been established, free of weeds and surface irregularities, with coverage exceeding 90 percent over any 10 sq. ft. and bare spots not exceeding 5 by 5 inches.
2. Satisfactory Sodded Turf: At end of maintenance period, a healthy, well-rooted, even-colored, viable turf has been established, free of weeds, open joints, bare areas, and surface irregularities.

B. Use specified materials to reestablish turf that does not comply with requirements and continue maintenance until turf is satisfactory.

3.07 CLEANUP AND PROTECTION

A. Promptly remove soil and debris created by turf work from paved areas. Clean wheels of vehicles before leaving site to avoid tracking soil onto roads, walks, or other paved areas.

B. Remove surplus soil and waste material, including excess subsoil, unsuitable soil, trash, and debris, and legally dispose of them off Owner's property.

C. Erect temporary fencing or barricades and warning signs as required to protect newly planted areas from traffic. Maintain fencing and barricades throughout initial maintenance period and remove after plantings are established.

END OF SECTION 32 92 00

PLAYGROUND REPLACEMENT PROJECT

E9-24 JUNIPERO SERRA ELEMENTARY SCHOOL
8880 HALIFAX ST., VENTURA, CA 93003

GENERAL NOTES

1. THE PROJECT MANUAL (SPECIFICATIONS) ISSUED AS PART OF THESE CONSTRUCTION DOCUMENTS IS AN INTEGRAL PART OF THE CONTRACT DOCUMENTS.
2. ITEMS SHOWN AS OWNER FURNISHED, CONTRACTOR INSTALLED (OFCI) ON PLANS MAY REQUIRE SEPARATE SUBMITTALS, APPROVALS AND PERMITS. INSTALLING CONTRACTOR(S) IS RESPONSIBLE FOR OBTAINING PERMITS FOR SUCH ITEMS.
3. IF SUSPECTED HAZARDOUS MATERIALS ARE FOUND DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL BRING THEM TO THE ATTENTION OF THE ARCHITECT.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THAT ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE APPLICABLE CODES AND FEDERAL REQUIREMENTS AND REGULATIONS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENFORCEMENT OF FEDERAL AND STATE OF CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REQUIREMENTS AND REGULATIONS.
6. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, GRADES, ELEVATIONS AND DIMENSIONS BEFORE STARTING WORK. THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES.
7. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL EXISTING UTILITY SERVICES IN THE AREA TO BE EXCAVATED PRIOR TO THE START OF EXCAVATION. THE CONTRACTOR SHALL PROTECT ALL UTILITY LINES, SERVICE LINES REQUIRED TO REMAIN. ANY UNIDENTIFIED UTILITY OR SERVICE LINES ENCOUNTERED DURING CONSTRUCTION SHALL BE IDENTIFIED AND BROUGHT TO THE ATTENTION OF THE ARCHITECT.
8. WHERE PATCH AND REPAIR CONDITIONS APPLY AND MATERIALS ARE INTENDED TO BE CONTINUOUS, CONTRACTOR SHALL ENSURE FINISH IS ALIGNED SMOOTH AND CONTINUOUS AND TEXTURE AND COLOR MATCH THE ORIGINAL.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THAT ALL WORKMANSHIP, MATERIALS AND CONSTRUCTION SHALL BE IN COMPLIANCE WITH THE APPLICABLE CODES AND FEDERAL REQUIREMENTS AND REGULATIONS.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENFORCEMENT OF FEDERAL AND STATE OF CALIFORNIA OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION REQUIREMENTS AND REGULATIONS.
11. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED PERMITS.
12. DO NOT SCALE CONTRACT DOCUMENTS. CAD AND MODEL FILES PROVIDED TO THE CONTRACTOR FOR THEIR USE SHALL NOT BE USED TO DETERMINE DIMENSIONS NOT SHOWN IN THE CONTRACT DOCUMENTS.
13. CONTRACTOR ACKNOWLEDGES THAT DRAWINGS REPRESENT THE INTENT OF THE WORK TO BE ACCOMPLISHED AND RELEVANT DETAILS ARE PROVIDED. IF ADDITIONAL DETAILS ARE REQUIRED, THEY WILL BE AVAILABLE THROUGH THE TYPICAL CONSTRUCTION PROCESS. CONTRACTOR IS TO INSTALL MATERIALS AND SYSTEMS WITH EXPERIENCED SKILLED CRAFTSMEN WHO WILL BE RESPONSIBLE FOR THE INTEGRITY OF THEIR RESPECTIVE WORK. NOT EVERY DETAIL OF EACH CONDITION IS DRAWN. CONTRACTOR AND SUB-CONTRACTOR ARE RESPONSIBLE FOR COMPLETE WORKMANLIKE INSTALLATION OF ALL MATERIALS AND SYSTEMS.
14. IF THE CONTRACTOR IDENTIFIES DIMENSIONS THAT ARE IN CONFLICT OR REQUIRED DIMENSIONS ARE MISSING, THE CONTRACTOR SHALL SUBMIT A REQUEST FOR INFORMATION (RFI) TO THE ARCHITECT. DO NOT INTERPRET OR SCALE THE DRAWINGS OR DIGITAL MODEL.
15. IF THE CONTRACTOR IDENTIFIES NOTES OR DETAILS THAT APPEAR TO BE IN CONFLICT WITH THE DRAWINGS OR SPECIFICATIONS, THE CONTRACTOR SHALL SUBMIT A REQUEST FOR INFORMATION (RFI) TO THE ARCHITECT.
16. ANY ERRORS, OMMISSIONS OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY PRIOR TO PROCEEDING WITH THE WORK.
17. PROVIDE A MINIMUM 2% SLOPE TO DRAIN AT HARDSCAPED AREAS AND MAINTAIN LESS THAN 2% CROSS SLOPE ALONG ANY ACCESSIBLE PATH OF TRAVEL UNLESS OTHERWISE NOTED.
18. CONTRACTOR SHALL ENSURE ALL FLOOR FINISH MATERIALS WILL BE FLUSH WITH ADJACENT WALKING SURFACES UNLESS NOTED OTHERWISE.

ACCESS COMPLIANCE NOTES

WALKS AND SIDEWALKS

1. CONTINUOUS SURFACE: WALKS & SIDEWALKS SUBJECT TO THESE REGULATIONS SHALL HAVE A CONTINUOUS COMMON SURFACE, NOT INTERRUPTED BY STEPS OR BY ABRUPT CHANGES IN LEVEL EXCEEDING 1/2 INCH & SHALL BE A MINIMUM OF 48 INCHES IN WIDTH. 1/2" CHANGE IN ELEVATION SHALL BE BEVELED 1:2 WITH 1/4" MAXIMUM VERTICAL (CBC SECTIONS 11B-302 & 11B-303). SURFACES SHALL BE SLIP-RESISTANT AS FOLLOWS (CBC SECTION 11B-403.2):
   A. SLOPES LESS THAN 6 PERCENT: SURFACES WITH A SLOPE OF LESS THAN 6 PERCENT GRADIENT SHALL BE AT LEAST AS SLIP-RESISTANT AS DESCRIBED FOR A MEDIUM SALTED (MEDIUM BROOM) FINISH.
   B. SLOPES 6 PERCENT OR GREATER: SURFACES WITH A SLOPE GREATER THAN 6 PERCENT GRADIENT SHALL BE SLIP-RESISTANT.
   C. SURFACE CROSS-SLOPES: SURFACE CROSS-SLOPES SHALL NOT EXCEED 2%.
2. GRATINGS: WALKS, SIDEWALKS AND PEDESTRIAN WAYS SHALL BE FREE OF GRATINGS WHENEVER POSSIBLE. FOR GRATINGS LOCATED IN THE SURFACE OF ANY OF THESE AREAS, GRID OPENINGS IN GRATINGS SHALL BE LIMITED TO 1/2 INCH (13 MM) IN THE DIRECTION OF TRAFFIC FLOW. (CBC SECTION 11B-302.3)
3. CHANGES IN LEVEL: ABRUPT CHANGES IN LEVEL ALONG ANY ACCESSIBLE ROUTE SHALL NOT EXCEED 1/2 INCH. WHEN CHANGES IN LEVEL DO OCCUR, THEY SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1 UNIT VERTICAL IN 2 UNITS HORIZONTAL, EXCEPT THAT LEVEL CHANGES NOT EXCEEDING 1/4 INCH MAY BE VERTICAL. WHEN CHANGES IN LEVELS GREATER THAN 1/2 INCH ARE NECESSARY THEY SHALL COMPLY WITH THE REQUIREMENTS FOR CURB RAMPS. (CBC SECTION 11B-403.4 AND SECTION 11B-406)
4. WARNING CURBS: ABRUPT CHANGES IN LEVEL, EXCEPT BETWEEN A WALK OR SIDEWALK AND AN ADJACENT STREET OR DRIVEWAY, EXCEEDING 4 INCHES IN A VERTICAL DIMENSION, SUCH AS AT PLANTERS OR FOUNDATIONS LOCATED IN OR ADJACENT TO WALKS, SIDEWALKS OR OTHER PEDESTRIAN WAYS, SHALL BE IDENTIFIED BY CURBS PROJECTING AT LEAST 6 INCHES IN HEIGHT ABOVE THE WALK OR SIDEWALK SURFACE TO WARN THE BLIND OF A POTENTIAL DROP OFF. WHEN A GUARDRAIL OR HANDRAIL IS PROVIDED, NO CURB IS REQUIRED WHEN A GUIDE RAIL IS PROVIDED CENTERED 3 INCHES PLUS OR MINUS 1 INCH ABOVE THE SURFACE OF THE WALK OR SIDEWALK, THE WALK IS 5 PERCENT OR LESS GRADIENT OR NO ADJACENT HAZARD EXISTS. (SECTION 11B-303.5)
5. MANEUVERING CLEARANCE: PROVIDE A 60" X 60" LEVEL AREA WHERE A DOOR (OR GATE) SWINGS TOWARD THE WALK IN THE ACCESSIBLE ROUTE OF TRAVEL. EXTEND WALK A MINIMUM 24" BEYOND THE STRIKE EDGE OF ANY DOOR (OR GATE) THAT SWINGS TOWARDS THE WALK.
6. RESTING AREA: WALKS WITH CONTINUOUS GRADIENTS SHALL BE PROVIDED WITH LEVEL AREAS A MINIMUM 5'-0" LONG AT INTERVALS OF 400'-0" MAXIMUM PER SECTION 11B-403.7.
7. DETECTABLE WARNING: A 36" WIDE DETECTABLE WARNING MATERIAL SHALL BE PROVIDED AT BOUNDARIES BETWEEN WALKWAYS AND VEHICULAR WAYS. MATERIAL SHALL COMPLY WITH CRITERIA OF CBC SECTION 11B-705.
   A. COLOR YELLOW FOR DETECTABLE WARNING SURFACE SHALL CONFORM TO COLOR NO. 33538 PER FEDERAL STANDARD NO. 595C. CBC SECTIONS 11B-705.1.1.3.
   B. PROVIDE MINIMUM 5 YEAR WARRANTY FOR DETECTABLE WARNING SURFACE.

ACCESSIBLE P.O.T. NOTES PR 15-01

1. THE PATH OF TRAVEL (P.O.T.) IDENTIFIED IN THESE CONSTRUCTION DOCUMENTS IS COMPLIANT WITH THE CURRENT APPLICABLE CALIFORNIA BUILDING CODE ACCESSIBILITY PROVISIONS FOR PATH OF TRAVEL REQ. FOR ALTERATIONS, ADDITIONS, AND STRUCTURAL REPAIRS.
   A. AS PART OF THE DESIGN OF THIS PROJECT, THE P.O.T. WAS EXAMINED AND ANY ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T THAT WERE DETERMINED TO BE NONCOMPLIANT HAVE BEEN IDENTIFIED AND THE CORRECTIVE WORK NECESSARY TO BRING THEM INTO COMPLIANCE HAS BEEN INCLUDED WITHIN THE SCOPE OF THIS PROJECT'S WORK THROUGH DETAILS, DRAWINGS, AND SPECIFICATIONS INCORPORATED INTO THESE CONSTRUCTION DOCUMENTS.
   B. ANY NONCOMPLIANT ELEMENTS, COMPONENTS OR PORTIONS OF THE P.O.T. THAT WILL NOT BE CORRECTED BY THIS PROJECT BASED ON VALUATION THRESHOLD LIMITATIONS OR A FINDING OF UNREASONABLE HARDSHIP ARE SO INDICATED IN THESE CONSTRUCTION DOCUMENTS.
2. DURING CONSTRUCTION, IF P.O.T. ITEMS WITHIN THE SCOPE OF THE PROJECT REPRESENTED AS CODE COMPLIANT ARE FOUND TO BE NONCONFORMING BEYOND REASONABLE CONSTRUCTION TOLERANCES, THEY SHALL BE BROUGHT INTO COMPLIANCE WITH THE CBC AS A PART OF THIS PROJECT BY MEANS OF A CONSTRUCTION CHANGE DOCUMENT.
3. ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/2" IF BEVELED AT 1:2 MAX SLOPE, OR VERTICAL LEVEL CHANGES NOT EXCEEDING 1/4" MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM, AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 2% AND SLOPE IN THE DIRECTION OF TRAVEL IS LESS THAN 5%, UNLESS OTHERWISE INDICATED. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MINIMUM, AND PROTRUDING OBJECTS GREATER THAN 4" FROM THE WALL AND ABOVE 27" AND LESS THAN 80". ARCHITECT SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
4. ALL GRATINGS IN PATH OF TRAVEL SHALL HAVE GAPS NO GREATER THAN 1/2" IN THE DIRECTION OF TRAVEL.
5. ALL EXISTING BUILDINGS, PARKING LOTS, PATHS OF TRAVEL, SANITARY FACILITIES, DRINKING FOUNTAINS, SIGNAGE & PUBLIC TELEPHONES DSA CERTIFIED UNDER A#'S INDICATED.

INSPECTOR OF RECORD DSA IR A-7

A DSA CERTIFIED PROJECT INSPECTOR EMPLOYED BY THE DISTRICT AND APPROVED BY THE DIVISION OF THE STATE ARCHITECT SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. THE DUTIES OF THE INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1, TITLE 24, CCR. THE PROJECT INSPECTOR SHALL BE CERTIFIED BY DSA TO INSPECT CLASS III MINIMUM CONTRUCTION PER DSA IR A-7.

PROJECT DESCRIPTION

- EXISTING TREE PROTECTION.
- REMOVAL AND DISPOSAL OF EXISTING PLAY EQUIPMENT AND SURFACES.
- GRADING, DRAINAGE AND SUBSURFACE SOIL PREPARATION FOR FINISH SURFACES.
- CONCRETE SEAT WALLS.
- INSTALLATION OF OWNER-FURNISHED PLAY EQUIPMENT AND SIGNAGE.
- INSTALLATION OF PLAY SURFACES AND LANDSCAPING.
- MODIFICATION OF EXISTING IRRIGATION.
- FENCING.
- INSTALLATION OF MISC. SITE ACCESS IMPROVEMENTS AS INDICATED:
  1. CURB RAMP AND WALK WITH DETECTABLE WARNING
  2. RESTRIPE PARKING AND PROVIDE NEW SIGNAGE
- ASPHALT AS INDICATED
- TURF REPAIR FOR EXISTING TURF AREAS DISTURBED BY CONSTRUCTION OPERATIONS.

FIRE DEPARTMENT NOTES

A. EXISTING FIRE DEPARTMENT ACCESS TO REMAIN.
B. MAINTAIN A MINIMUM, UNOBSTRUCTED WIDTH OF 20 FEET CLEAR TO SKY, VEHICULAR ACCESS TO WITHIN 150 FEET OF ALL PORTIONS OF THE EXTERIOR WALLS. FIRE CODE 902.2.1
C. VEHICULAR ACCESS MUST BE PROVIDED AND MAINTAINED SERVICEABLE THROUGHOUT CONSTRUCTION.
D. THE FIRE FLOW FOR ON-SITE HYDRANT MEETS THE REQUIREMENTS FOR THIS FIRE AUTHORITY.

APPLICABLE CODE OF REGULATIONS

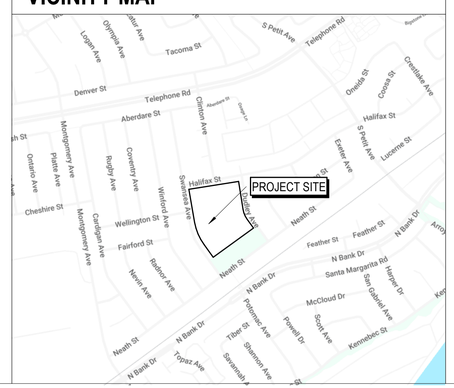
SITE CONSTRUCTION SHALL COMPLY WITH THE RELEVANT PORTIONS OF FOLLOWING PARTS OF THE TITLE 24 OF THE CALIFORNIA CODE OF REGULATIONS (CCR):

2022 CALIFORNIA BUILDING STANDARDS CODE C.C.R. TITLE 24:
2022 CALIFORNIA ADMINISTRATIVE CODE, C.C.R. TITLE 24 PART 1
2022 CALIFORNIA BUILDING CODE (CBC), C.C.R. TITLE 24 PART 2
2022 CALIFORNIA FIRE CODE, C.C.R. TITLE 24 PART 9
2022 CALIFORNIA REFERENCED STANDARDS CODE, C.C.R. TITLE 24 PART 12

TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

FOR A LIST OF APPLICABLE STANDARDS, INCLUDING CALIFORNIA AMENDMENTS TO THE NFPA STANDARDS, REFER TO CBC CHAPTER 35 AND CFC CHAPTER 80.

VICINITY MAP



SHEET LIST 26 SHEETS

ARCHITECTURAL 3 SHEETS

A-0.02	TITLE SHEET
A-1.02	SITE ACCESS PLAN & DETAILS
A-2.02	PARKING IMPROVEMENTS

LANDSCAPE 23 SHEETS

LD-0.01	TREE PROTECTION PLAN
LD-1.01	DEMOLITION PLAN
LD-1.02	DEMOLITION PLAN
LD-1.03	DEMOLITION PLAN
LC-0.01	CONSTRUCTION NOTES & SCHEDULES
LC-0.02	PLAYGROUND ACCESSIBILITY PLAN
LC-0.03	PLAYGROUND ACCESSIBILITY PLAN
LC-0.04	PLAYGROUND ACCESSIBILITY PLAN
LC-1.01	CONSTRUCTION & GRADING PLAN
LC-1.02	CONSTRUCTION & GRADING PLAN
LC-1.03	CONSTRUCTION & GRADING PLAN
LC-2.01	HORIZONTAL CONTROL PLAN
LC-2.02	HORIZONTAL CONTROL PLAN
LC-2.03	HORIZONTAL CONTROL PLAN
LC-3.01	PLAYGROUND SURFACING DEPTHS PLANS
LC-3.02	PLAYGROUND SURFACING DEPTHS PLANS
LC-4.01	CONSTRUCTION DETAILS
LC-4.02	CONSTRUCTION DETAILS
LP-0.01	PLANTING NOTES & SCHEDULES
LP-1.01	PLANTING PLANS
LP-1.02	PLANTING PLANS
LP-1.03	PLANTING & IRRIGATION PLANS
LP-2.01	LANDSCAPE DETAILS

PROJECT TEAM

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LICENSED ARCHITECT — TYSON CLINE — No. 34436 — REN. 1-31-25 — STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

JUNIPERO SERRA ELEMENTARY PLAYGROUNDS E9-24

8880 HALIFAX ST, VENTURA, CA 93004

CONSTRUCTION DOCUMENTS

No.	Description	Date
1	BID ADD 1	12/19/2024

Sheet Name

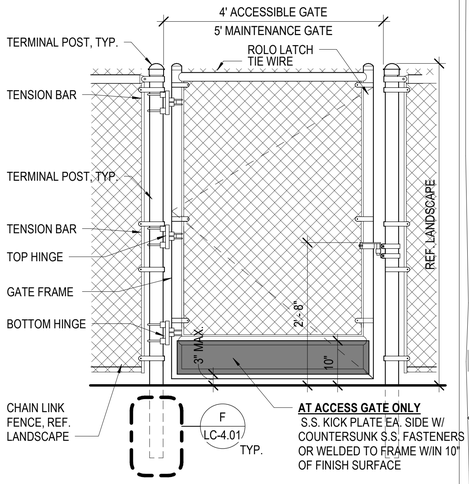
TITLE SHEET

	1012.00
Date	12/5/2024
Drawn by	CY
Checked by	TC

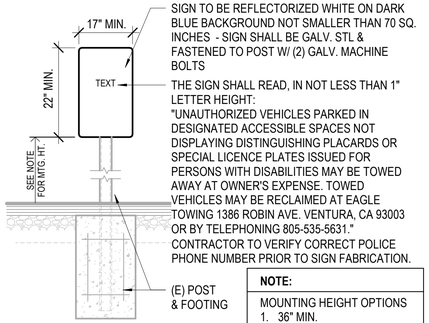
Sheet Number

A-0.02

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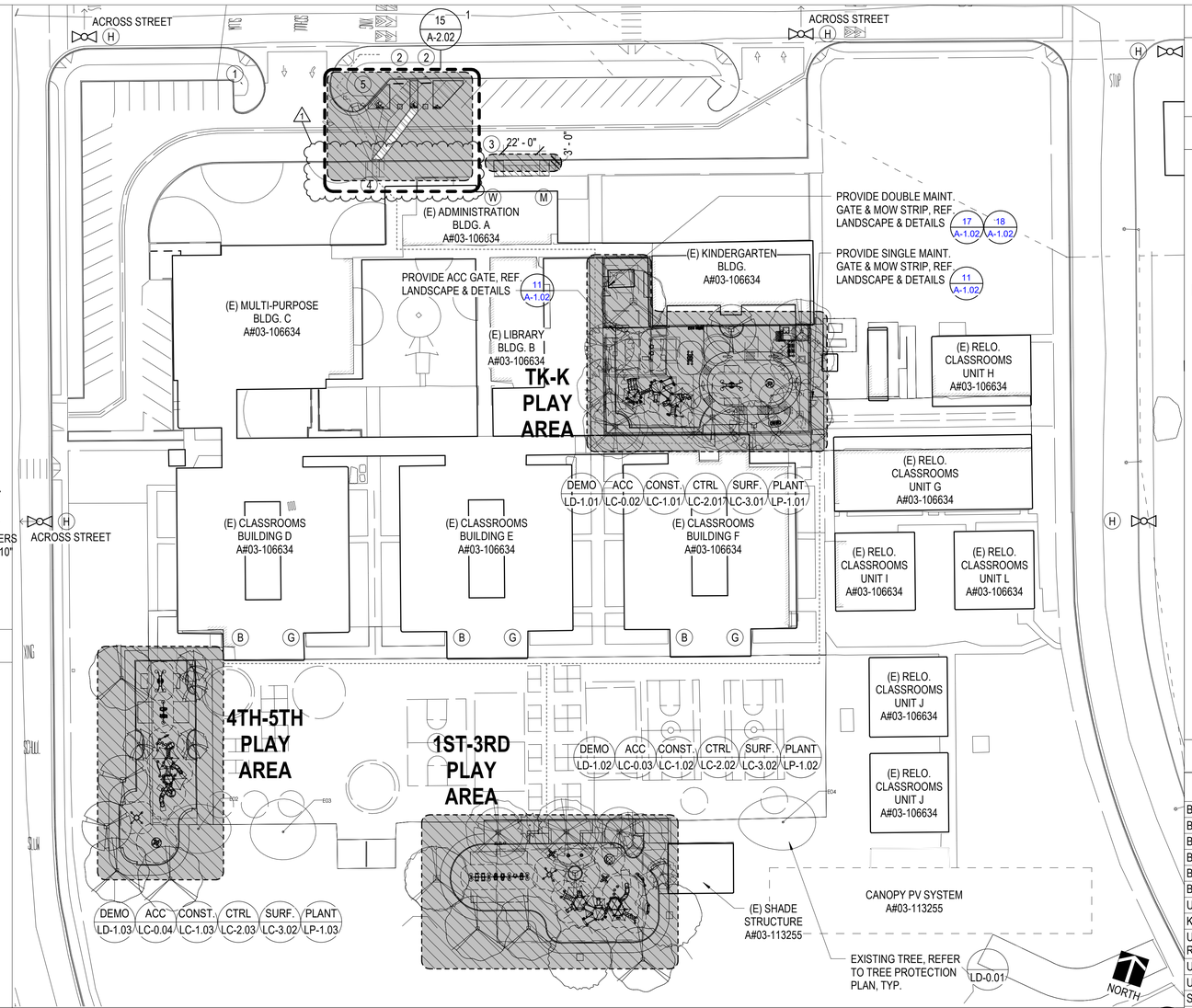


CHAIN LINK SINGLE GATE 3/4" = 1'-0" (11)



NOTE:
MOUNTING HEIGHT OPTIONS
1. 36" MIN.
2. 80" IN PATH OF TRAVEL

ACCESSIBLE PARKING ENTRY SIGN 1" = 1'-0" (16)



JUNIPERO SERA SITE PLAN 1" = 40'-0" (1)

PARKING CALCULATION

LOT 1	EXISTING	REQUIRED.	PROPOSED
PARKING SPACES:	45	-	44
ACCESSIBLE:	2	2	2
VAN ACCESSIBLE:	1	1	1

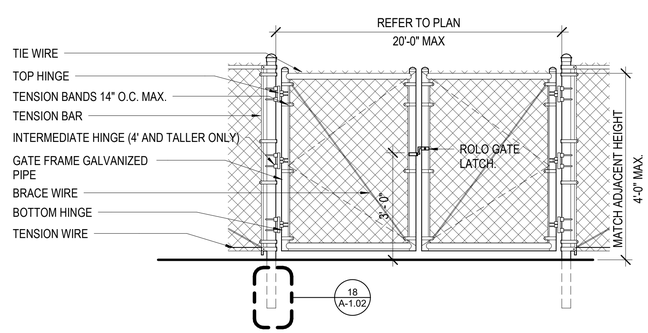
LEGEND

- AREA OF WORK, REFER TO LANDSCAPE PLANS
- EXISTING ACCESSIBLE PATH OF TRAVEL A#03-106634, REF. LANDSCAPE FOR CONT.
- TRUNCATED DOMES (20 / A-1.02)
- (E) TRUNCATED DOMES A#03-106634
- (H) (E) FIRE HYDRANT
- (B) (E) ACCESSIBLE BOYS' TOILET ROOM
- (G) (E) ACCESSIBLE GIRLS' TOILET ROOM
- (M) (E) ACCESSIBLE MENS' TOILET ROOM
- (W) (E) ACCESSIBLE WOMENS' TOILET ROOM
- (E) ACCESSIBLE DRINKING FOUNTAIN A#03-106634

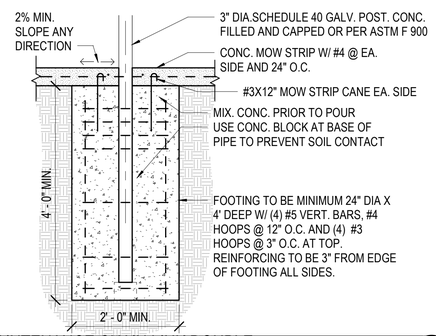
1. NEW TOW-AWAY SIGN ON EXISTING POST PER CBC 11B-502.8.2. EAGLE TOWING 805-535-5631 1386 ROBIN AVE. VENTURA, CA 93003 (16 / A-1.02)
2. NEW ACCESSIBLE PARKING STALL WITH SIGN NOTIFYING OF MIN. FINE $250 @ 80" ABOVE ACCESSIBLE PATH
3. (E) ACCESSIBLE LOADING ZONE A#03-106634 INSTALL DETECTABLE WARNING PER (20 / A-1.02)
4. (E) ACCESSIBLE CURB CUT PER CBC 11B-406 WITH SLIP RESISTANT SURFACE, REMOVE (E) AND INSTALL NEW DETECTABLE WARNING PER (20 / A-1.02) (1)
5. NEW ACCESSIBLE CURB CUT PER CBC 11B-406 WITH SLIP RESISTANT SURFACE AND DETECTABLE WARNING PER (20 / A-1.02)

DSA CERTIFICATION STATUS

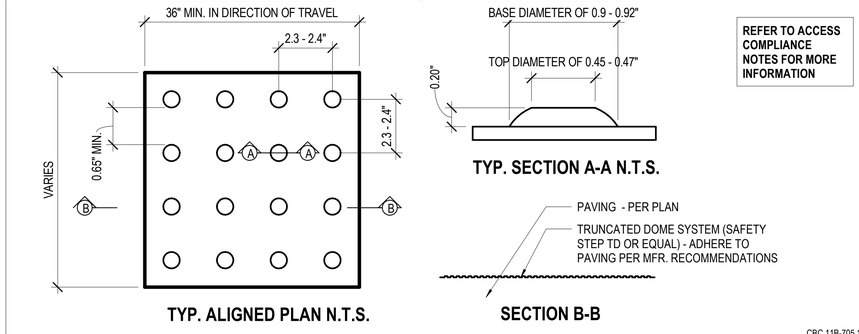
BUILDING NAME	DSA APPL. NO.	YEAR BUILT	MODERNIZATION NO.	CERT. #
BUILDING A ADMINISTRATION			03-106634	#2
BUILDING B LIBRARY			03-106634	#2
BUILDING C MULTIPURPOSE			03-118500	#1
BUILDING D CLASSROOM			03-106634	#2
BUILDING E CLASSROOM			03-106634	#2
BUILDING F CLASSROOM			03-106634	#2
UNIT G RELOC. CLSR.			03-106634	#2
KINDERGARTEN BUILDING			03-106634	#2
UNIT H RELOC. CLSR. AND RESTROOM			03-106634	#2
UNIT I RELOC. CLSR.			03-106634	#2
UNIT J RELOC. CLSR.			03-106634	#2
SHADE STRUCTURE	03-113255			#2



MAINTENANCE CHAIN LINK DOUBLE GATE 1/2" = 1'-0" (17)



MAINTENANCE CHAIN LINK DOUBLE GATE POST FOOTING & MOW STRIP 3/4" = 1'-0" (18)



REFER TO ACCESS COMPLIANCE NOTES FOR MORE INFORMATION

CBC 11B-705.1

DETECTABLE WARNING 1" = 1'-0" (20)

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F 805.626.5350
www.RNTarchitects.com

LICENSED ARCHITECT TYSON CLINE No. C-34436 REN. 1-31-25 STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

JUNIPERO SERA ELEMENTARY PLAYGROUNDS E9-24

8880 HALIFAX ST. VENTURA, CA 93004

CONSTRUCTION DOCUMENTS

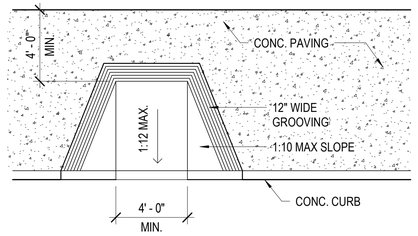
No.	Description	Date
1	BID ADD 1	12/19/2024

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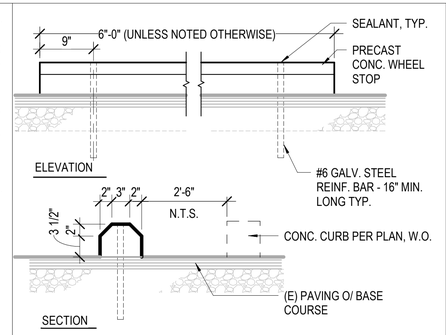
SITE ACCESS PLAN & DETAILS

	1012.00
Date	12/5/2024
Drawn by	CY
Checked by	TC
Sheet Number	A-1.02

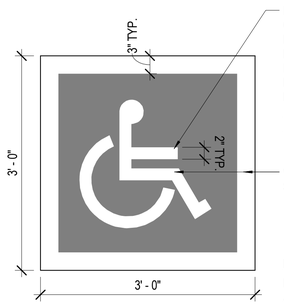
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ACCESSIBLE CURB RAMP 1/4" = 1'-0" (1)



G2040 WHEEL STOP PRE-CAST 1" = 1'-0" (2)



INTERNATIONAL SYMBOL OF ACCESSIBILITY TO BE PAINTED WHITE ON BLUE BACKGROUND (FS 15090 IN FED. STD. 595C) ON PAVEMENT PER ***CBC FIGURE 11B-703.7.2.1 AND CBC 11B-502.6.4***

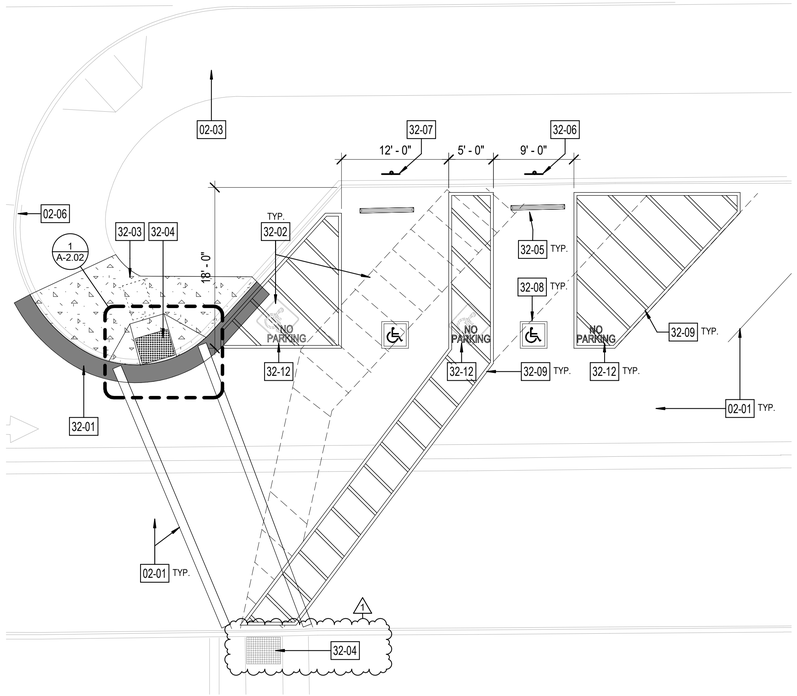
WHITE REFLECTORIZED STRIPING 2 COATS, TYP.

NOTE:

PROVIDE SYMBOL AT ACCESSIBLE PARKING STALLS

CBC 11B-502.6.4, 11B-703.7.2.1

ACC. PARKING PAVEMENT SYMBOL 1" = 1'-0" (6)



JUNIPERO SERA PARKING PLAN 1/8" = 1'-0" (15)

DEMOLITION NOTES

1. IDENTIFY ALL DAMAGED ELEMENTS DESIGNATED TO REMAIN OR BE RELOCATED. REQUEST CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH DEMOLITION WORK.
2. GENERAL CONTRACTOR IS RESPONSIBLE FOR REVIEWING AND VERIFYING DEMOLITION PLANS IN RELATION TO CONSTRUCTION DRAWINGS. CONTRACTOR SHALL VERIFY AND COORDINATE THE EXTENT OF DEMOLITION WORK WITH NEW WORK. THE ARCHITECT SHALL BE NOTIFIED OF ANY AND ALL CONFLICTS, DISCREPANCIES OR PROBLEMS.
3. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, GRADES, ELEVATIONS AND DIMENSIONS BEFORE STARTING WORK. THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES OR INCONSISTENCIES.
4. THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL EXISTING UTILITY SERVICES IN THE AREA TO BE EXCAVATED PRIOR TO THE START OF EXCAVATION. THE CONTRACTOR SHALL PROTECT ALL UTILITY LINES, SERVICE LINES REQUIRED TO REMAIN. ANY UNIDENTIFIED UTILITY OR SERVICE LINES ENCOUNTERED DURING CONSTRUCTION SHALL BE IDENTIFIED AND BROUGHT TO THE ATTENTION OF THE ARCHITECT.
5. THE CONTRACTOR SHALL PERFORM ALL DEMOLITION WORK REQUIRED INCLUDING THE REMOVAL AND PROPER DISPOSAL OF ALL DEBRIS, BROKEN CONCRETE, ETC., FROM THE SITE.
6. THE OWNER SHALL HAVE FIRST RIGHTS OF REFUSAL FOR ALL DEMOLISHED MATERIALS.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM DEMOLITION AT NO ADDITIONAL COST TO THE OWNER. THE GENERAL CONTRACTOR SHALL BE EXTREMELY CAREFUL TO PROTECT AND NOT TO DAMAGE ANY PORTION OF EXISTING INSTALLATION NOT BEING REMOVED. ANY EXISTING FACILITIES INDICATED TO REMAIN WHICH ARE SO DAMAGED SHALL BE REPLACED EQUAL TO ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER.
8. WHERE PATCH AND REPAIR CONDITIONS APPLY AND MATERIALS ARE INTENDED TO BE CONTINUOUS, CONTRACTOR SHALL ENSURE FINISH IS ALIGNED SMOOTH AND CONTINUOUS AND TEXTURE AND COLOR MATCH THE ORIGINAL.ALL TRADES CONCERNED SHALL COORDINATE EACH OTHER'S WORKS PRIOR TO AND DURING DEMOLITION.
9. ALL EXISTING AREAS TO REMAIN OR NEW CONSTRUCTION WORK THAT ARE DAMAGED SHALL BE PATCHED AS REQUIRED TO MATCH EXISTING ADJACENT AREA IN MATERIAL, FINISH AND COLOR, UNLESS OTHERWISE NOTED.
10. CAREFULLY & THOROUGHLY SURVEY EXISTING IRRIGATION SYSTEMS AT AREAS OF TRENCHING PRIOR TO BEGINNING SUCH WORK. MEET WITH OWNER MAINTENANCE STAFF TO COORDINATE SHUT-OFF AT AREAS OF WORK. REPAIR ALL IRRIGATION DAMAGED AS A RESULT OF DEMOLITION & NEW WORK TO ORIGINAL FUNCTIONING CONDITION.
11. ALL TRENCHING OPERATIONS SHALL BE PERFORMED WITH A SPOTTER. SPOTTER SHALL CONTINUOUSLY OBSERVE EXCAVATIONS TO LOCATE IRRIGATION LINES, CONDUITS AND ANY OTHER UTILITIES OR SUBTERRANEAN EQUIPMENT. ANY ITEMS ENCOUNTERED SHALL BE EXCAVATED BY HAND. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ANY IRRIGATION, UTILITIES, OR OTHER ITEMS DAMAGED AS A RESULT OF EXCAVATION.

KEYNOTE LIST

02-01	P.I.P. (E) ASPHALT AND STRIPING
02-03	PROTECT IN PLACE (E) CONC. WALK
02-06	PROTECT IN PLACE (E) CONCRETE CURB
32-01	PATCH ASPHALT AS REQUIRED.
32-02	REMOVE (E) ANGLED ACCESSIBLE PARKING AND AISLE STRIPING AND PAVEMENT SYMBOL.
32-03	DEMOLISH (E) CONCRETE WALK AND PROVIDE CONCRETE 4" THICK REINFORCED WALK AND 6" CURB TO MATCH EXISTING. PROVIDE CURB RAMP. REPAINT RED AND BLUE CURB MARKINGS.
32-04	PROVIDE DETECTABLE WARNING, REF. DETAIL 19/A-1.2
32-05	PROVIDE NEW WHEEL STOPS
32-06	PROVIDE ACCESSIBLE PARKING SIGNAGE, TYP.
32-07	PROVIDE VAN ACCESSIBLE PARKING SIGNAGE
32-08	STRIPE ACCESSIBLE PARKING PAVEMENT SYMBOL AT ACCESSIBLE PARKING STALLS, TYP.
32-09	STRIPE ACCESSIBLE AISLE AND PARKING STALLS BLUE. SITE CONTRACTOR STRIPE ELECTRICAL VEHICLE AND REGULAR PARKING STALLS WHITE.
32-12	STRIPE 12" HIGH WHITE LETTERS, TYP.

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VENTURA UNIFIED SCHOOL DISTRICT

JUNIPERO SERRA ELEMENTARY PLAYGROUNDS E9-24

8880 HALIFAX ST, VENTURA, CA 93004

CONSTRUCTION DOCUMENTS

No.	Description	Date
1	BID ADD 1	12/19/2024

Sheet Name

PARKING IMPROVEMENTS

1012.00

Date 12/5/2024

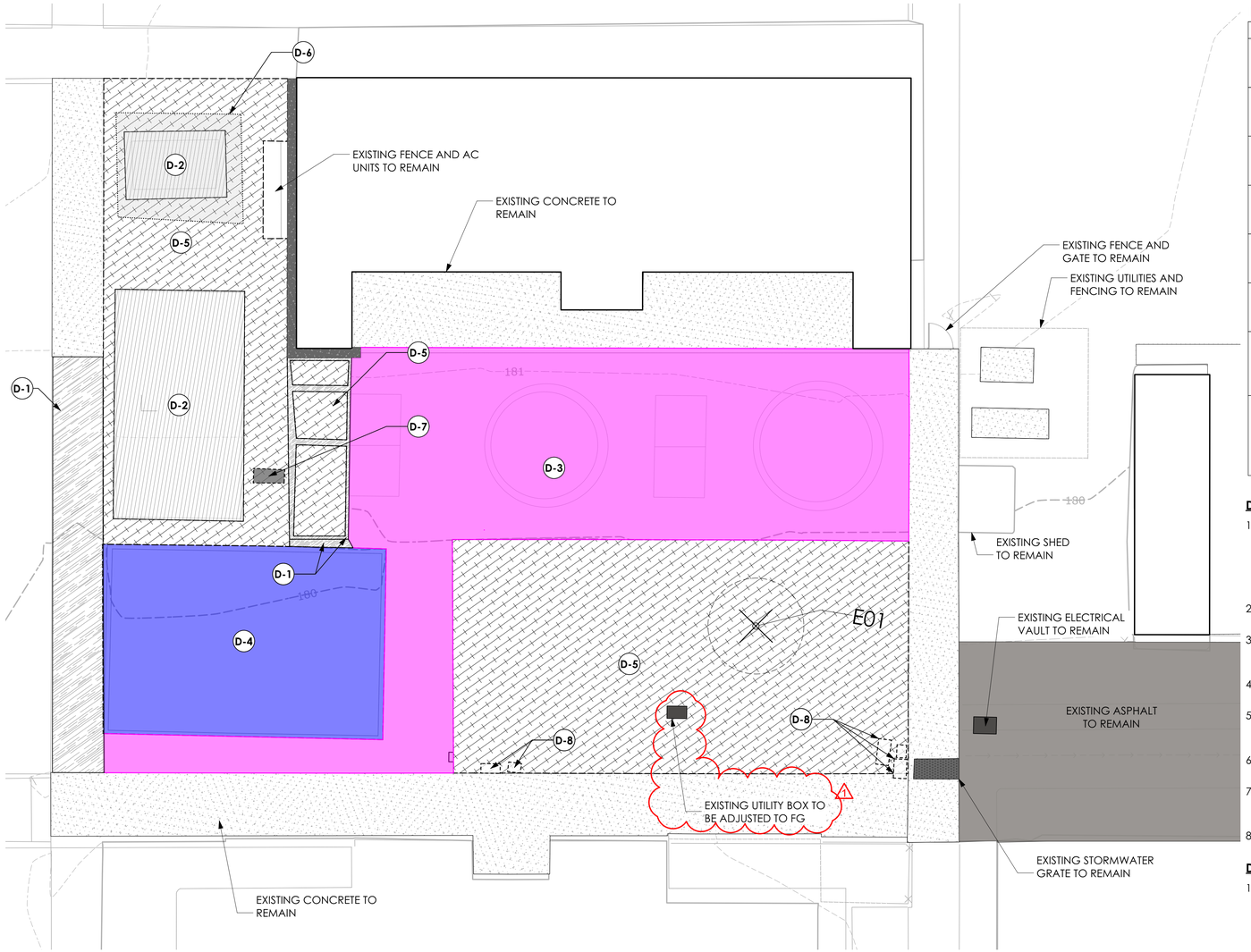
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Checked by CY

Sheet Number

A-2.02

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Junipero Serra Playground (TK-K) - Demolition Plan

Scale: 1" = 10'-0"

0 10 20 30 FT

N

DEMOLITION SCHEDULE

ID#	SYMBOL	ITEM	DESCRIPTION
D-1		REMOVE CONCRETE PAVING	REMOVE AND DISPOSE OF CONCRETE PAVING, INCLUDING REINFORCEMENT AND BASE MATERIALS. CONTRACTOR SHALL ASSUME A 6" DEPTH OF REMOVAL, FOR BID PURPOSES.
D-2		REMOVE PLAY SAND	REMOVE AND DISPOSE OF PLAY SAND SURFACING INCLUDING ALL BASE MATERIALS.
D-3		REMOVE AC PAVING	REMOVE AND DISPOSE OF ASPHALT PAVING, INCLUDING BASE MATERIALS. CONTRACTOR SHALL ASSUME A 6" DEPTH OF REMOVAL, FOR BID PURPOSES.
D-4		REMOVE PLAYGROUND	REMOVE EXISTING PLAY EQUIPMENT & FOOTINGS, SURFACING, BASE AND ANY ASSOCIATED HEADERS AND EDGE RESTRAINTS. DISPOSE OF PER DIRECTION OF VUSD REPRESENTATIVE.
D-5		CLEAR AND GRUB	REMOVE EXISTING VEGETATION IN PROPOSED CONSTRUCTION AREA, EXISTING IRRIGATION DISTRIBUTION LINES, HEADS AND ALL NON-PRESSURIZED IRRIGATION PIPE.
D-6		REMOVE SHADE CANOPY	REMOVE AND DISPOSE OF SHADE CANOPY MATERIALS INCLUDING ANY FOOTINGS.
D-7		REMOVE BACKFLOW	REMOVE AND REPLACE EXISTING IRRIGATION BACKFLOW PREVENTER. SALVAGE AND REINSTALL EXISTING BACKFLOW ENCLOSURE. REFER TO IRRIGATION PLAN FOR LOCATION OF NEW BACKFLOW PREVENTER.
D-8		RELOCATE UTILITY PULL BOXES	RELOCATE & BRING TO FINISH GRADE THE EXISTING UTILITY/FIRE ALARM PULL BOXED OUT OF THE LOCATION OF PROPOSED IMPROVEMENTS. REFER TO CONSTRUCTION & GRADING PLANS, SHEET LC-1.01 - LC-1.03.

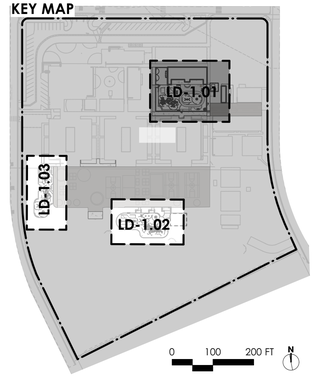
DEMOLITION NOTES

1. CONTRACTOR SHALL CHECK OR LOCATE EXISTING STRUCTURES, ELECTRIC CABLES OR CONDUITS, UTILITY LINES AND OTHER EXISTING FEATURES OR CONDITIONS ABOVE OR BELOW GROUND LEVEL THAT MIGHT BE DAMAGED AS A RESULT OF DEMOLITION AND CONSTRUCTION OPERATIONS. QUESTIONS OR CONFLICTS ARISING OUT OF SUCH EXAMINATION PRIOR TO OR DURING OPERATION SHALL BE IMMEDIATELY DIRECTED TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR NECESSARY ACTION OR DECISIONS BEFORE RESUMING OPERATION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT AT NO COST TO THE OWNER OF FEATURES OR CONDITIONS DAMAGED THROUGH FAILURE TO COMPLY WITH ABOVE PROCEDURES.
2. PRIOR TO DEMOLITION, THE CONTRACTOR SHALL CLEAR AND GRUB ALL SHRUBS, TURF AND VEGETATION WITHIN THE LIMITS OF WORK PER THESE PLANS AND THE PROJECT SPECIFICATIONS.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTINUOUSLY CLEAN AND REMOVE DEMOLISHED MATERIALS FROM THE SITE, EXCEPT WHERE SPECIFICALLY NOTED OTHERWISE, DAILY AND TO ENSURE SUB-CONTRACTORS ADHERE TO THESE REQUIREMENTS. DO NO ALLOW MATERIALS TO ACCUMULATE ON SITE.
4. DEMOLITION SHALL CONSIST OF FURNISHING ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO REMOVE EXISTING STRUCTURES, VEGETATION AND OTHER OBJECTIONABLE MATERIAL FROM THE PROJECT SITE.
5. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE REMOVAL OF MATERIAL FROM THE SITE AND ALL OBJECTIONABLE MATERIALS COVERED BY THESE PLANS. DISPOSAL OF MATERIALS SHALL BE DONE IN A SAFE AND LEGAL MANNER AND SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.
6. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE EXISTING SURFACE ELEVATIONS WHERE PROPOSED IMPROVEMENT ELEVATIONS ARE INTENDED TO MATCH AND REPORT ANY DISCREPANCIES TO THE OWNER.
7. CONTRACTOR SHALL REMOVE ALL NON-PRESSURIZED IRRIGATION AND APPURTENANCES NOT REQUIRED FOR THE EXISTING OR PROPOSED IRRIGATION. ALL PRESSURIZED MAINLINE NOT REQUIRED FOR THE EXISTING OR PROPOSED SYSTEM SHALL BE ABANDONED IN PLACE.
8. ALL EXISTING IRRIGATION APPURTENANCES TO BE REMOVED DURING DEMOLITION SHALL BE DISPOSED OF IN A SAFE AND LEGAL MANNER AND SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS.

DUST CONTROL NOTES

1. AFTER CLEARING, GRADING, EARTH MOVING, OR EXCAVATION OPERATIONS ARE COMPLETED THE ENTIRE AREA OF DISTURBED SOIL IS TO BE TREATED TO PREVENT WIND PICKUP OF THE SOIL. THIS MAY BE ACCOMPLISHED BY:
   A. SPREADING SOIL BINDERS.
   B. WETTING THE AREA DOWN, SUFFICIENT TO FORM A CRUST ON THE SURFACE WITH REPEATED SOAKING AS NECESSARY TO MAINTAIN THE CRUST AND PREVENT DUST PICKUP BY THE WIND.
   C. OTHER METHODS APPROVED IN ADVANCE BY THE OWNER'S REPRESENTATIVE.
2. CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT AND METHODS REQUIRED TO PREVENT THEIR IS OPERATIONS FROM PRODUCING DUST IN AMOUNTS DAMAGING TO ADJACENT PROPERTY, CULTIVATED VEGETATION AND DOMESTIC ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE CAUSED BY DUST FROM THEIR GRADING OPERATION.
3. IN ADDITION TO THESE NOTES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DUST AND EROSION CONTROL DURING THE ENTIRE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL UTILIZE DUST CONTROL METHODS ON ANY DUST-PRODUCING CONDITION IN COMPLIANCE WITH REGULATIONS OF THE DISTRICT AND THE COUNTY OF VENTURA AIR POLLUTION CONTROL DISTRICT.
4. THE CONSTRUCTION CONTRACTOR SHALL DESIGNATE A PERSON(S) TO MONITOR THE DUST CONTROL PROGRAM AND TO ORDER INCREASED WATERING, AS NECESSARY, TO PREVENT TRANSPORT OF DUST OFFSITE. THEIR DUTIES SHALL BE FOR THE ENTIRE CONSTRUCTION DURATION, INCLUDING HOLIDAY AND WEEKEND PERIODS WHEN WORK MAY NOT BE IN PROGRESS.
5. WATERING OR APPLICATION OF SOIL BINDERS SHALL CONTINUE IN THE AMOUNTS NECESSARY TO CONTROL DUST UNTIL THE SITE CONSTRUCTION IS COMPLETED.

KEY MAP



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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZIELSDORF
#6044
Signature
10/31/25
Renewal Date
12/05/24
Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

JUNIPERO SERRA ELEMENTARY PLAYGROUNDS E9-24

8880 HALIFAX ST,
VENTURA, CA 93004

CONSTRUCTION DOCUMENTS

No.	Description	Date
1	BID ADD 01	12/19/2024

Sheet Name

DEMOLITION PLAN

	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ
Sheet Number	LD-1.01

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CONSTRUCTION NOTES

1. ALL PAVING AREAS SHALL BE GRADED NOT TO EXCEED 2% CROSS SLOPE IN ANY DIRECTION. WALKWAY RUNNING SLOPES SHALL NOT EXCEED 5% SLOPE UNLESS AN ADA RAMP IS PROVIDED.
2. CONSTRUCT 1/2" EXPANSION JOINTS W/FIBER JOINTS AND SEAL W/W.R. MEADOWS GREY DECK-O-SEAL.
3. CONTRACTOR SHALL COORDINATE INSTALLATION OF ELECTRICAL CONDUIT, IRRIGATION PIPE, AND UTILITY BOXES TO AVOID CONFLICTS WITH FOOTING, DRAINAGE AREAS, OR INSTALLATION OF AMENITIES SUCH AS BOLLARDS, BOULDERS, BENCHES, AND ROOF DRAINS.
4. FINISH GRADE IN PLANTER AREAS SHALL BE 3" BELOW ADJACENT FINISH SURFACE, TYPICAL.
5. LAYOUT OF FORMS SHALL BE INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT OF RECORD 24 HOURS PRIOR TO POURING. INSPECTION PRIOR TO FORM CONSTRUCTION IS PREFERRED.
6. PRESERVE AND PROTECT ALL TREES THAT ARE TO REMAIN. DAMAGED TREES ARE TO BE REPLACED IN KIND AND SIZE BY CONTRACTOR. SEE DEMOLITION AND TREE PROTECTION PLAN FOR MORE DETAIL.
7. ALL MANUFACTURER SPECIFIED ITEMS TO BE PROVIDED AS SPECIFIED OR AN APPROVED EQUAL.
8. ALL PLAY EQUIPMENT SHALL BE OWNER FURNISHED, CONTRACTOR INSTALLED.

GENERAL GRADING NOTES

1. CONTOURS ON THE PLAN ARE ILLUSTRATED AT 1-FOOT INTERVALS.
2. GRADING SUPERVISION REQUIREMENTS SHALL BE COMPLIED WITH AS FOLLOWS:
   A. LINE AND GRADE STAKES SHALL BE SET BY A CALIFORNIA LICENSED SURVEYOR HIRED BY THE CONTRACTOR UNDER THE GENERAL SUPERVISION OF THE VUSD REPRESENTATIVE.
   B. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL PREPARE RECORD DRAWINGS AND AND SUBMIT A REPORT INDICATING THAT THE IMPROVEMENTS HAVE BEEN COMPLETED IN SUBSTANTIAL CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.
   C. THE VUSD REPRESENTATIVE AND PROJECT INSPECTOR SHALL PROVIDE GENERAL REVIEW OF THE GRADING AND SUBGRADE PREPARATION, PERFORM COMPACTION TESTING, MEASURE THE THICKNESS OF PAVEMENT AND BASE DURING CONSTRUCTION, TEST AND REVIEW THE QUALITY OF PAVEMENT AND BASE, ETC.
3. NOISE GENERATING CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE HOURS OF 7: 00 AM TO 7: 00 PM, MONDAY THROUGH SATURDAY. CONSTRUCTION EQUIPMENT MAINTENANCE SHALL BE LIMITED TO THE SAME HOURS. STATIONARY CONSTRUCTION EQUIPMENT THAT GENERATES NOISE WHICH EXCEEDS 65 dBA AT THE PROJECT BOUNDARIES SHALL BE SHIELDED TO THE DISTRICT'S SATISFACTION AND SHALL BE LOCATED AT A MINIMUM OF 50 FEET FROM OCCUPIED BUILDINGS.
4. SURFACE IMPROVEMENT AREAS SHALL BE PREPARED FOR CONSTRUCTION BY REMOVING SURFACE AND UNDERGROUND IMPROVEMENTS, I.E. PIPELINES, CONDUITS, ETC., VEGETATION, LARGE ROOTS, DEBRIS, AND OTHER DELETERIOUS MATERIALS. EXISTING UTILITY LINES THAT WILL NOT REMAIN IN SERVICE SHALL BE EITHER REMOVED OR ABANDONED, IF APPROVED BY THE DISTRICT'S REPRESENTATIVE.
5. VOIDS CREATED BY THE REMOVAL OF MATERIALS OR UTILITIES DESCRIBED ABOVE SHALL BE CALLED TO THE ATTENTION OF THE DISTRICT'S REPRESENTATIVE. NO FILL SHALL BE PLACED UNLESS THE UNDERLYING SOIL HAS BEEN OBSERVED BY THE DISTRICT'S REPRESENTATIVE.
6. FOLLOWING SITE PREPARATION, THE SOILS IN THE PAVEMENT SURFACE IMPROVEMENT AREA SHALL BE REMOVED TO A LEVEL PLANE AT A MINIMUM DEPTH OF 1-FOOT BELOW THE PROPOSED SUBGRADE ELEVATION OR 1-FOOT BELOW THE EXISTING GROUND SURFACE, WHICHEVER IS DEEPER, AND TO MINIMUM 1 FOOT BEYOND THE PROPOSED PAVEMENT LIMITS. DURING CONSTRUCTION, LOCALLY DEEPER REMOVALS MAY BE REQUIRED, BASED ON FIELD CONDITIONS. THE RESULTING SOIL SURFACE SHALL THEN BE SCARIFIED TO A MINIMUM DEPTH OF 8-INCHES, MOISTURE CONDITIONED TO WITHIN 2 PERCENT OF THE OPTIMUM MOISTURE CONTENT, AND COMPACTED TO MINIMUM 95 PERCENT COMPACTION PRIOR TO PLACING ANY FILL.
7. VOIDS CREATED BY DISLODGING COBBLES AND/OR DEBRIS DURING SCARIFICATION SHALL BE BACKFILLED AND COMPACTED, AND THE DISLODGED MATERIALS SHOULD BE REMOVED FROM THE AREA OF WORK.
8. ON-SITE MATERIAL AND APPROVED IMPORT MATERIALS MAY BE USED AS GENERAL FILL. FILL SHALL BE PLACED IN LEVEL LIFTS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS, MOISTURE CONDITIONED TO A MINIMUM OF OPTIMUM MOISTURE CONTENT OF 95 PERCENT UNDER PAVED AREAS AND 80-85% UNDER LANDSCAPE AREAS OF MAXIMUM DRY DENSITY. THE UPPER 1-FOOT OF SUBGRADE AND ALL AGGREGATE BASE AREAS TO BE PAVED WITH CONCRETE, FLUSH CONCRETE HEADER, OR COMPACTED NATIVE SOIL INFIELD SHALL BE COMPACTED TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY. SUBGRADE AND AGGREGATE BASE SHALL BE FIRM AND UNYIELDING WHEN PROOF-ROLLED WITH HEAVY, RUBBER-TIRED GRADING EQUIPMENT PRIOR TO CONTINUING CONSTRUCTION.
9. EARTH MOVING AND WORKING OPERATIONS SHALL BE CONTROLLED TO PREVENT WATER FROM RUNNING INTO EXCAVATED AREAS. EXCESS WATER SHALL BE PROMPTLY REMOVED AND THE SITE KEPT DRY. FILL MATERIAL SHALL NOT BE PLACED, SPREAD, OR ROLLED DURING UNFAVORABLE WEATHER CONDITIONS. WHEN THE WORK IS INTERRUPTED BY HEAVY RAIN, FILL OPERATIONS SHALL NOT BE RESUMED UNTIL FIELD TESTS BY THE DISTRICT'S REPRESENTATIVE INDICATE THAT THE MOISTURE CONTENT AND DENSITY OF THE FILL ARE ABLE TO BE PLACED AND MEET THE REQUIRED COMPACTION.
10. WHEN THE MOISTURE CONTENT OF THE FILL MATERIAL IS NOT SUFFICIENT TO ACHIEVE REQUIRED COMPACTION, WATER SHALL BE ADDED UNTIL THE SOILS ATTAIN A MOISTURE CONTENT SO THAT THOROUGH BONDING IS ACHIEVED DURING THE COMPACTING PROCESS. WHEN THE MOISTURE CONTENT OF THE FILL MATERIAL IS EXCESSIVE, THE FILL MATERIAL SHALL BE AERATED BY BLADING OR OTHER SATISFACTORY METHODS UNTIL THE MOISTURE CONTENT IS REDUCED TO AN ACCEPTABLE CONTENT TO ACHIEVE PROPER COMPACTION.
11. IMPORT SOILS SHALL BE GRANULAR NON-EXPANSIVE SOILS WHICH ARE EQUAL TO OR SUPERIOR IN QUALITY TO THE ON SITE SOILS AS DETERMINED BY THE DISTRICT'S REPRESENTATIVE PRIOR TO IMPORTATION OF THE FILL MATERIAL TO THE SITE.
12. THE COMPACTION STANDARD SHALL BE THE ASTM D 1557-12 METHOD OF COMPACTION AND THE LATEST EDITION.
13. BEFORE BEGINNING WORK REQUIRING EXPORTING OR IMPORTING MATERIALS, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE CITY OF VENTURA AND COUNTY OF VENTURA PUBLIC WORKS ROAD DIVISION FOR HAUL ROUTES USED AND METHODS PROVIDED TO MINIMIZE THE DEPOSIT OF SOILS ON CITY AND COUNTY ROADS.
14. FILL MATERIAL SHALL BE SPREAD IN LIFTS NOT EXCEEDING 6" IN LOOSE THICKNESS, MOISTENED OR DRIED AS NECESSARY TO NEAR OPTIMUM MOISTURE CONTENT AND COMPACTED BY AN APPROVED METHOD. FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY UNDER PAVED AREAS AND 80-85% UNDER LANDSCAPE AREAS AS DETERMINED BY ASTM D-1557-12 MODIFIED PROCTOR (AASHTO) TEST OR SIMILAR APPROVED METHODS. SOILS TESTS SHALL BE CONDUCTED AT NOT LESS THAN FOR EACH 18" OF FILL AND/OR FOR EACH 500 CUBIC YARDS OF FILL PLACED.
15. NO GRADING SHALL OCCUR UNLESS APPROVED EROSION CONTROL AND SEDIMENT CONTROL MEASURES ARE IN PLACE. DISCHARGES OF SEDIMENT FROM THE PROJECT SITE MAY RESULT IN A "STOP WORK ORDER".
16. CONTRACTOR TO REVIEW THE GRADING AND DRAINAGE PLAN FOR PAVEMENT GRADES AND CONTOURS AND MAY MAKE ADJUSTMENTS FROM THE APPROVED GRADING DESIGN AFTER RECEIVING THE DISTRICT REPRESENTATIVE'S APPROVAL.
17. CONTRACTOR SHALL PROVIDE EROSION CONTROL PLAN WITH PROPOSED BMPs TO DISTRICT FOR REVIEW AND APPROVAL PRIOR TO COMMENCING WITH CONSTRUCTION OPERATIONS.

DRAINAGE SCHEDULE

ID#	ITEM	DESCRIPTION	DETAIL
S-1	DRAIN PIPE	CONSTRUCT 4" PVC SDR 35 STORM DRAIN LINE. FIELD ROUTE AND SLOPE 1% MIN. TO STORM DRAIN LINE CONNECTION.	E /LC-4.02
S-2	PERFORATED PIPE	4" PERFORATED, PVC SDR 35 UNDERDRAIN BELOW PLAY AREA SURFACING PER DETAIL. FIELD ROUTE AND SLOPE 1% MIN. TO STORM DRAIN LINE CONNECTION.	C/LC-4.02
S-3	POP-UP EMITTER	4" POP-UP, GREEN POLY DRAINAGE EMITTER WITH ELBOW AND UNIVERSAL ADAPTER, MODEL #430, FROM NDS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.	B/LC-4.02
S-4	ATRIUM DRAIN	4" ROUND, BLACK ATRIUM GRATE, MODEL #78, FROM NDS. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.	A/LC-4.02

PAVING SCHEDULE

ID#	ITEM	DESCRIPTION	DETAIL	
P-1	PEDESTRIAN CONCRETE PAVING	UNCOLORED CONCRETE WITH HEAVY BROOM FINISH PERPENDICULAR TO WALKWAY. SAWCUT CONTROL JOINTS. ADD FELT EXPANSION JOINT AT 30' O.C. MAX., AT KEY INTERSECTIONS AND WHERE CONCRETE MEETS STRUCTURAL FOOTINGS.	B, C /LC-4.01	
P-2	POURED IN PLACE RUBBERIZED SURFACING	GT IMPAX POURED-IN-PLACE RUBBER PLAY SURFACING WITH UV-STABLE ALIPHATIC RESIN BINDER. COLOR: COLOR BLEND 50% BLACK AND 50% STANDARD COLOR BLUE. FINAL COLOR SELECTION AND MIX TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. AVAIL. FROM GREAT WESTERN, CONTACT TYLER KYRIOPOULOS (435) 760-5103.	A /LC-4.01	
~~P-3~~	~~RAISED CONCRETE HEADER~~	~~6" WIDE, UNCOLORED CONCRETE HEADER. TOP OF CURB 6" ABOVE ADJACENT FINISH SURFACE. HEAVY BROOM FINISH.~~	~~B, C /LC-4.01~~	OMIT
P-4	CONCRETE HEADER	6" WIDE, UNCOLORED CONCRETE HEADER. TOP FLUSH WITH ADJACENT FINISH SURFACE. HEAVY BROOM FINISH.	A /LC-4.01	
P-5	TRIKE TRACK STRIPING	SURFACE PAINTED TRIKE TRACK CROSSWALK AND DIRECTIONAL ARROWS. PAINT CONCRETE WITH 100% ACRYLIC ENAMEL PORCH, FLOOR AND PATIO ANTI-SKID PRIMER AND PAINT FROM VALSPAR ~~OR APPROVED EQUAL. COLOR: TIDAL TEAL (5006-8B) HEX #3d979b.~~	G / LC-4.01	
~~P-6~~	~~PLAY SAND~~	~~16" MIN. DEPTH, MEDIUM SAND MEETING ASTM C 33 SIZE GRADATION (BY WEIGHT).~~	~~D/LC-4.01~~	OMIT
P-7	AC PAVING	~~CONSTRUCT AC PAVEMENT (MATCH EXISTING SECTION OR 4" AC OVER 6" AGG. BASE SECTION,~~ WHICHEVER IS GREATER) PER DETAIL.	H/LC-4.01	

WALL AND FENCE SCHEDULE

ID#	ITEM	DESCRIPTION	DETAIL
W-1	CHAIN LINK FENCE ATOP MOW CURB	3'-6" HT. BLACK, VINYL COATED CHAIN LINK FENCE. WIRE TO BE NO LESS THAN 11 GAUGE WITH 'BLACK', EXTRUDED VINYL COATING; POSTS SHALL BE BLACK GALV. PIPE. OPENINGS IN CHAIN LINK SHALL NOT BE GREATER THAN 1-3/4" MEASURED HORIZONTALLY. CENTER FENCE ATOP 16" WIDE x 4" DEPTH UNCOLORED, CONCRETE MOW CURB.	E/LC-4.02
W-2	CHAIN LINK FENCE ATOP RETAINING CURB	3'-6" HT. BLACK, VINYL COATED CHAIN LINK FENCE. WIRE TO BE NO LESS THAN 11 GAUGE WITH 'BLACK', EXTRUDED VINYL COATING; POSTS SHALL BE BLACK GALV. PIPE. OPENINGS IN CHAIN LINK SHALL NOT BE GREATER THAN 1-3/4" MEASURED HORIZONTALLY. CENTER FENCE ATOP 16" WIDE x 8" DEPTH UNCOLORED, CONCRETE RETAINING CURB, INSTALL WEEP HOLES AS INDICATED ON PLAN.	F/LC-4.02
W-3	PEDESTRIAN GATE	4'-0" WIDE ACCESS GATE, REFER TO ARCHITECT'S PLANS	PER ARCH
W-4	CONCRETE SEAT WALL	STEEL REINFORCED CAST-IN-PLACE CONCRETE SEAT WALL WITH SKATE STOPS, PER DETAIL. UNCOLORED CONCRETE WITH 'TOPCAST', GRADE 03 FINISH OR EQUAL. SKATE STOPS, GORILLA 135 ALUMINUM, SURFACE MOUNT FROM SKATE STOPPERS.COM.	E, F/LC-4.01
W-5	MAINTENANCE MOWING GATE	16'-0" WIDE ACCESS GATE, REFER TO ARCHITECT'S PLANS FOR DETAIL.	PER ARCH
W-6	MAINTENANCE PEDESTRIAN GATE	5'-0" WIDE ACCESS GATE, REFER TO ARCHITECT'S PLANS	PER ARCH

PLAYGROUND EQUIPMENT SCHEDULE- OWNER FURNISHED, CONTRACTOR INSTALLED

ID#	ITEM	DESCRIPTION	DETAIL
E-1	TK/K - LARGE INCLUSIVE PLAY STRUCTURE	GREAT WESTERN TK/K INCLUSIVE PLAY STRUCTURE, #110673-01-05-TK/K - GROUND AND ELEVATED ACCESSIBLE COMPONENTS, 2-5 Y.O.	PER MANUF.
E-2	TK/K - GROUP SPINNER	GREAT WESTERN SPIN WITH ME, WITH HANDLE, #6372 - GROUND ACCESSIBLE COMPONENTS, 2-5 Y.O.	PER MANUF.
E-3	TK/K - INCLUSIVE SEESAW	GREAT WESTERN INCLUSIVE SEESAW#6299 - GROUND ACCESSIBLE COMPONENTS, 2-5 Y.O.	PER MANUF.
E-4	TK/K - DRAMATIC PLAY HOUSE	GREAT WESTERN DRAMATIC PLAY HOUSE, #36058 - GROUND ACCESSIBLE COMPONENTS, 2-5 Y.O.	PER MANUF.
E-5	TK/K - MELODY CHIMES	GREAT WESTERN MELODY CHIMES, #4677 - GROUND ACCESSIBLE COMPONENTS, 2-5 Y.O.	PER MANUF.
E-6	TK/K - CONCERT TRIO	GREAT WESTERN CONCERT TRIO, #3259 - GROUND ACCESSIBLE COMPONENTS, 2-5 Y.O.	PER MANUF.
E-7	TK/K - GROUP SWING	GREAT WESTERN ARCH SWING, #5058 - GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.
E-8	TK/K - SINGLE BAY SWING	GREAT WESTERN SINGLE BAY SWING, #10740, WITH (X2) ADAPTIVE SWING SEATS #8537 - GROUND ACCESSIBLE COMPONENTS, 2-5 Y.O.	PER MANUF.
E-9	TK/K ELEVATED SAND BOX WITH PLAY SAND	KOMPAN SPLASH TABLE, #NRO506, COLOR: ROBINIA NATURAL WOOD, INCLUDE 2" MIN. OF PLAY SAND , MEDIUM SAND MEETING ASTM C 33 SIZE GRADATION (BY WEIGHT).	PER MANUF.
E-10	TK/K - PRETEND GAS STATION	KOMPAN GAS STATION WITH 2 PUMPS, #NRO513, COLOR: ROBINIA TURQUOISE ROOF, ROBINIA UNT. WOOD BASE, GROUND ACCESSIBLE COMPONENTS 2-5 Y.O.	PER MANUF.
E-11	1ST-3RD - LARGE INCLUSIVE PLAY STRUCTURE	GREAT WESTERN 1ST-3RD INCLUSIVE PLAY STRUCTURE, #110673-01-05-1-3 - GROUND AND ELEVATED ACCESSIBLE COMPONENTS, 5-12 Y.O.	PER MANUF.
E-12	1ST-3RD - INCLUSIVE WHIRL	GREAT WESTERN INCLUSIVE WHIRL- NATURAL, #6263- GROUND ACCESSIBLE COMPONENTS, 5-12 Y.O.	PER MANUF.
E-13	1ST-3RD - SOLO SPINNER	GREAT WESTERN SOLO SPINNER, #6246- 5-12 Y.O.	PER MANUF.
E-14	1ST-3RD - SHADOW PLAY FLOWER	GREAT WESTERN SHADOW PLAY FLOWER, #6236, 5-12 Y.O.	PER MANUF.
E-15	1ST-3RD - BUCK-A-BOUT COIL SPRING	GREAT WESTERN BUCK-A-BOUT COIL SPRING, #200, 5-12 Y.O.	PER MANUF.
E-16	1ST-3RD - TRIPLE BAY SWING	GREAT WESTERN PRIMETIME SWING, #18826, WITH (X2) BELT SWINGS #8910, AND (X2) EXPRESSION SWING W/ ADAPTIVE SEAT #5165 AND (X2) ADAPTIVE SWING PACKAGE #8537- GROUND ACCESSIBLE COMPONENTS, 5-12 Y.O.	PER MANUF.
E-17	1ST-3RD - SENSORY WALL	GREAT WESTERN SENSORY WAVE WALL, #6301 WITH METALLOPHONE PANEL #91547, TWO (2) SHADOW GROVE #91030, STEEL DRUM #90719, GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.
E-18	4TH-5TH - BUCK-A-BOUT COIL SPRING	GREAT WESTERN BUCK-A-BOUT COIL SPRING, #200, 5-12 Y.O.	PER MANUF.
E-19	4TH-5TH - SHADOW PLAY SKY RUNNER	GREAT WESTERN SHADOW PLAY SKY RUNNER, #6237, ELEVATED COMPONENT, 5-12 Y.O.	PER MANUF.
E-20	4TH-5TH - SINGLE BAY SWING SET	GREAT WESTERN SINGLE POST SWING, #10740 WITH TWO (2) EXPRESSION SWINGS W/ ADAPTIVE SEAT #5165- GROUND ACCESSIBLE COMPONENTS, 5-12 Y.O.	PER MANUF.
E-21	4TH-5TH - ARCH SWING	GREAT WESTERN ARCH SWING, #5058 - GROUND ACCESSIBLE COMPONENTS, 2-12 Y.O.	PER MANUF.
E-22	4TH-5TH - LARGE PLAY STRUCTURE	GREAT WESTERN 4TH-5TH INCLUSIVE PLAY STRUCTURE, #110673-01-05-4-5 - GROUND AND ELEVATED ACCESSIBLE COMPONENTS, 5-12 Y.O.	PER MANUF.

AMENITIES SCHEDULE- OWNER FURNISHED, CONTRACTOR INSTALLED

ID#	ITEM	DESCRIPTION	DETAIL
A-1	1ST-3RD - PLAYGROUND SIGNAGE	GAMETIME 5-12 WELCOME SIGN, #5179; INCLUSIVE PLAY SIGN PACKAGE, #14928; AND PLAY ON SIGN PACKAGE #14927	PER MANUF.

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LICENSED LANDSCAPE ARCHITECT MICHAEL ZITELSDORF #6044 Signature 10/31/25 Renewal Date 12/05/24 Date STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

JUNIPERO SERRA ELEMENTARY PLAYGROUNDS E9-24

8880 HALIFAX ST, VENTURA, CA 93004

CONSTRUCTION DOCUMENTS

No.	Description	Date
1	BID ADD 01	12/19/2024

Sheet Name

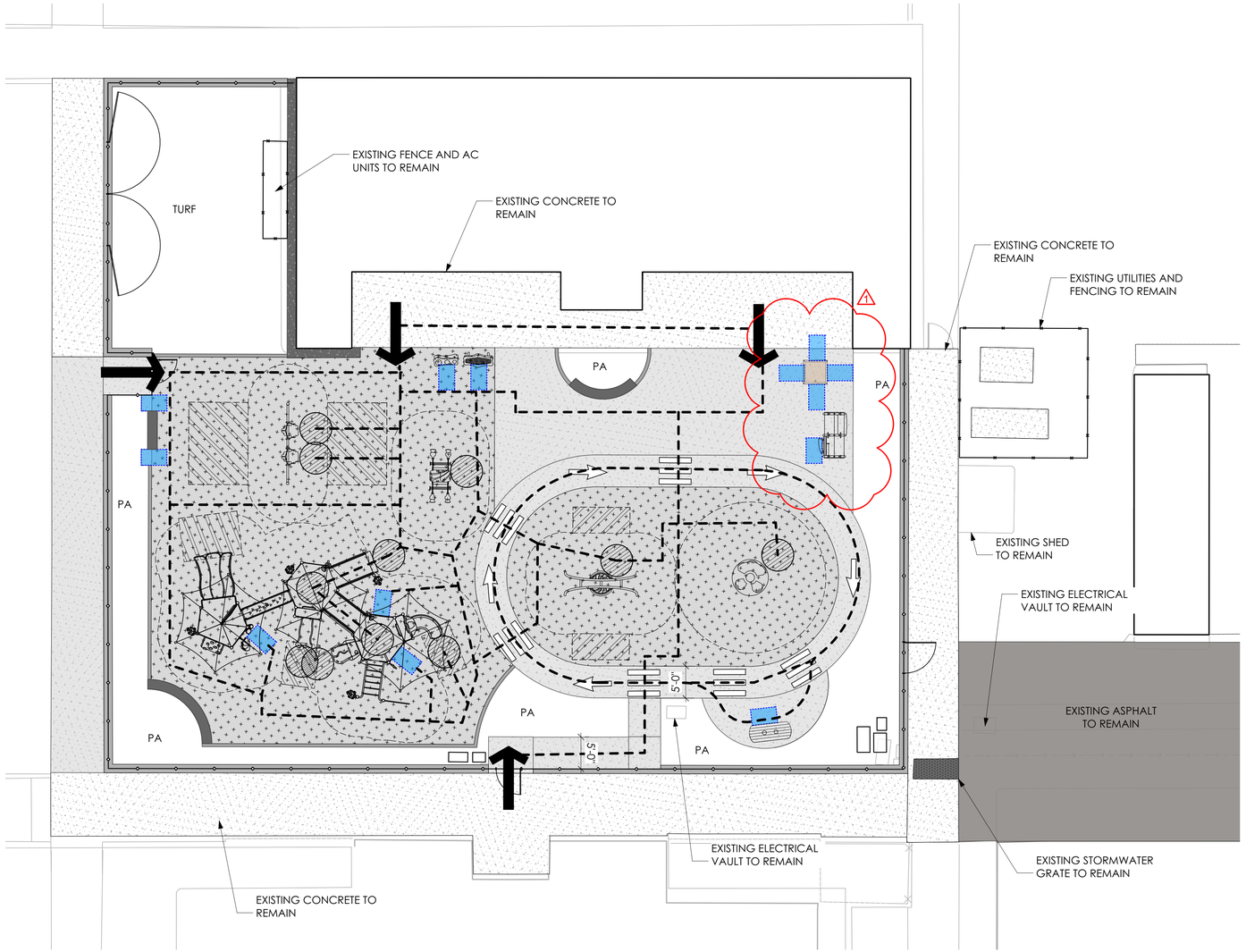
LANDSCAPE NOTES & SCHEDULES

	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ

Sheet Number

LC-0.01

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Junipero Serra Playground (TK-K) - Accessibility Plan

Scale: 1" = 10'-0"

0 10 20 30 FT

N

SITE ACCESSIBILITY LEGEND

SYMBOL	DESCRIPTION	NOTES
	PEDESTRIAN POINT OF ACCESS	
	TURNING SPACE	ADA REQUIREMENT- 60" DIAMETER
	ACCESSIBLE PATH OF TRAVEL- GROUND	ACCESSIBLE ROUTE TO ACCESSIBLE GROUND LEVEL PLAY EVENTS. PATH SHALL NOT EXCEED 1.75% CROSS SLOPE IN ANY DIRECTION AND 4.5% RUNNING SLOPE. SEE GRADING PLANS FOR PRECISE GRADING.
	14" x 24" TRANSFER SPACE	PROVIDE MIN. 14" X 24" ACCESSIBLE TRANSFER SPACE CLEAR OF OBSTRUCTIONS. TRANSFER MODULE SHALL MEET THE DIMENSIONS AND STANDARDS OF CBC 11B-1008.3
	30" x 48" CLEAR FLOOR SPACE	PROVIDE MIN. 30" X 48" CLEAR FLOOR SPACE PER CBC 11B-305. SLOPE SHALL NOT EXCEED 1.75% IN ANY DIRECTION. SEE GRADING PLANS FOR PRECISE GRADING.
	RUBBERIZED PLAY SURFACE - MULTI-DIRECTIONAL	SLIP-RESISTANT, STABLE AND FIRM. RUBBERIZED SURFACE MUST COMPLY WITH ASTM F1951 AND ASTM F1292. SLOPE OF SURFACE SHALL NOT EXCEED 1.75% IN ANY DIRECTION. SEE GRADING PLANS FOR PRECISE GRADING. SEE CONSTRUCTION SCHEDULE, SHEET LC-0.01 FOR MATERIAL, FINISH AND DETAIL REFERENCES

PLAYGROUND COMPONENTS

ID#	AGE GROUP	DESCRIPTION	PLAY MFR.	MODEL #
E-1	2-5 Y.O.	TK/K - LARGE INCLUSIVE PLAY STRUCTURE	GREAT WESTERN	#110673-01-05-TK/K
E-2	2-5 Y.O.	TK/K - GROUP SPINNER	GREAT WESTERN	#6372
E-3	2-5 Y.O.	TK/K - INCLUSIVE SEESAW	GREAT WESTERN	#6299
E-4	2-5 Y.O.	TK/K - DRAMATIC PLAY HOUSE	GREAT WESTERN	#36058
E-5	2-5 Y.O.	TK/K - MELODY CHIMES	GREAT WESTERN	#4677
E-6	2-5 Y.O.	TK/K - CONCERT TRIO	GREAT WESTERN	#3259
E-7	2-5 Y.O.	TK/K - GROUP SWING	GREAT WESTERN	#5058
E-8	2-5 Y.O.	TK/K - SINGLE BAY SWING	GREAT WESTERN	#10740
E-9	2-5 Y.O.	TK/K ELEVATED SAND BOX WITH PLAY SAND	KOMPAN	#NRO506
E-10	2-5 Y.O.	TK/K - PRETEND GAS STATION	KOMPAN	#NRO513

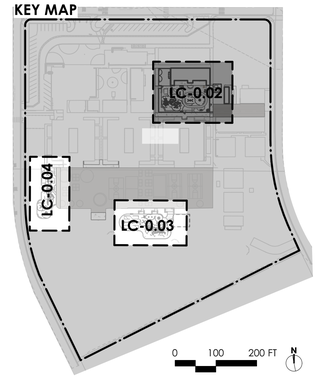
SITE PLAYGROUND ACCESSIBILITY (PER CBC 11B-240.2.1.2)

AREA	DESCRIPTION	# REQUIRED	# PROVIDED
2-5 PLAYGROUND			
	TOTAL ELEVATED PLAY COMPONENTS	--	15
	TOTAL ELEVATED ACCESSIBLE COMPONENTS (BY RAMP)	4	10
	TOTAL ELEVATED ACCESSIBLE COMPONENTS (BY TRANSFER)	4	15
	TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	5	9
	TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	3	6

ACCESSIBILITY NOTES

1. ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/4" MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL DOES NOT EXCEED 1:20 UNLESS OTHERWISE INDICATED. SEE GRADING PLANS FOR PRECISE GRADING.
2. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN., AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". OWNER'S REPRESENTATIVE SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
3. REFER TO SHEET LC-1.01 FOR CONSTRUCTION PLAN

KEY MAP



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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZIELSDORF
#6044
Signature
10/31/25
Renewal Date
12/05/24
Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

JUNIPERO SERRA ELEMENTARY PLAYGROUNDS E9-24

8880 HALIFAX ST, VENTURA, CA 93004

CONSTRUCTION DOCUMENTS

No.	Description	Date
1	BID ADD 01	12/19/2024

Sheet Name

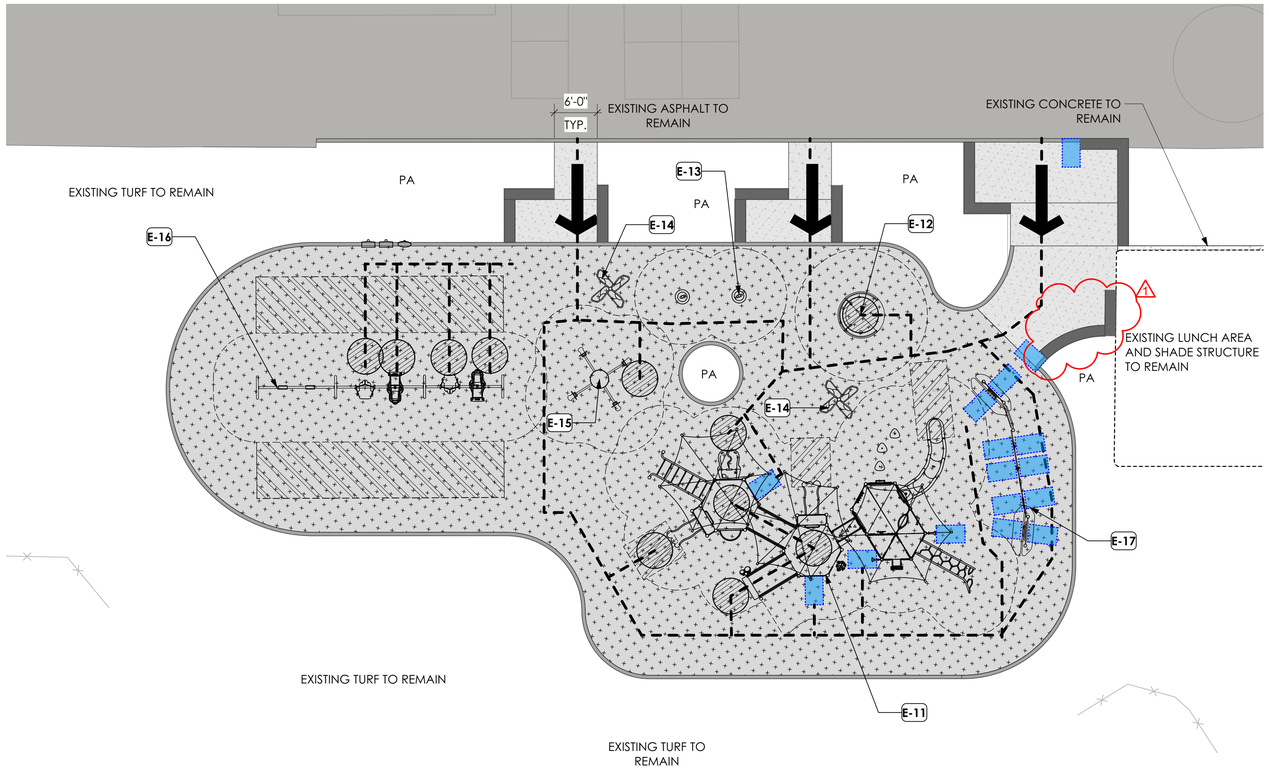
PLAYGROUND ACCESSIBILITY PLAN

	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ

Sheet Number

LC-0.02

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Junipero Serra Playground (1st-3rd) - Accessibility Plan

Scale: 1" = 10'-0"

0 10 20 30 FT N

SITE ACCESSIBILITY LEGEND

SYMBOL	DESCRIPTION	NOTES
	PEDESTRIAN POINT OF ACCESS	
	TURNING SPACE	ADA REQUIREMENT- 60" DIAMETER
	ACCESSIBLE PATH OF TRAVEL- GROUND	ACCESSIBLE ROUTE TO ACCESSIBLE GROUND LEVEL PLAY EVENTS. PATH SHALL NOT EXCEED 1.75% CROSS SLOPE IN ANY DIRECTION AND 4.5% RUNNING SLOPE. SEE GRADING PLANS FOR PRECISE GRADING.
	14" x 24" TRANSFER SPACE	PROVIDE MIN. 14" X 24" ACCESSIBLE TRANSFER SPACE CLEAR OF OBSTRUCTIONS. TRANSFER MODULE SHALL MEET THE DIMENSIONS AND STANDARDS OF CBC 11B-1008.3
	30" x 48" CLEAR FLOOR SPACE	PROVIDE MIN. 30" X 48" CLEAR FLOOR SPACE PER CBC 11B-305. SLOPE SHALL NOT EXCEED 1.75% IN ANY DIRECTION. SEE GRADING PLANS FOR PRECISE GRADING.
	RUBBERIZED PLAY SURFACE - MULTI-DIRECTIONAL	SLIP-RESISTANT, STABLE AND FIRM. RUBBERIZED SURFACE MUST COMPLY WITH ASTM F1951 AND ASTM F1292. SLOPE OF SURFACE SHALL NOT EXCEED 1.75% IN ANY DIRECTION. SEE GRADING PLANS FOR PRECISE GRADING. SEE CONSTRUCTION SCHEDULE, SHEET LC-0.01 FOR MATERIAL, FINISH AND DETAIL REFERENCES

PLAYGROUND COMPONENTS

ID#	AGE GROUP	DESCRIPTION	PLAY MFR.	MODEL #
E-11	5-12 Y.O.	1ST-3RD - LARGE INCLUSIVE PLAY STRUCTURE	GREAT WESTERN	#110673-01-05-1-3
E-12	5-12 Y.O.	1ST-3RD - INCLUSIVE WHIRL	GREAT WESTERN	#6263
E-13	5-12 Y.O.	1ST-3RD - SOLO SPINNER	GREAT WESTERN	#6246
E-14	5-12 Y.O.	1ST-3RD - SHADOW PLAY FLOWER	GREAT WESTERN	#6238
E-14	5-12 Y.O.	1ST-3RD - SHADOW PLAY FLOWER	GREAT WESTERN	#6238
E-15	5-12 Y.O.	1ST-3RD - BUCK-A-BOUT COIL SPRING	GREAT WESTERN	#200
E-16	5-12 Y.O.	1ST-3RD - TRIPLE BAY SWING	GREAT WESTERN	#18827 // 12584 // 18826
E-17	5-12 Y.O.	1ST-3RD - SENSORY WALL	GREAT WESTERN	#6301

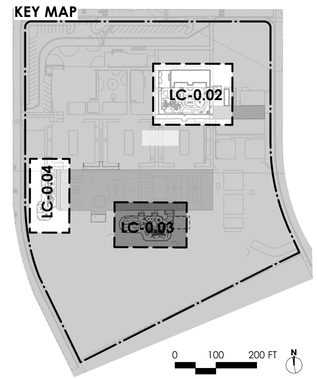
SITE PLAYGROUND ACCESSIBILITY (PER CBC 11B-240.2.1.2)

AREA	DESCRIPTION	# REQUIRED	# PROVIDED
5-12 PLAYGROUND			
	TOTAL ELEVATED PLAY COMPONENTS	--	19
	TOTAL ELEVATED ACCESSIBLE COMPONENTS (BY RAMP)	5	8
	TOTAL ELEVATED ACCESSIBLE COMPONENTS (BY TRANSFER)	5	11
	TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	6	24
	TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	3	7

ACCESSIBILITY NOTES

1. ACCESSIBLE PATH OF TRAVEL AS INDICATED ON PLAN IS A BARRIER-FREE ACCESS ROUTE WITHOUT ANY ABRUPT LEVEL CHANGES EXCEEDING 1/4" MAX, AND AT LEAST 48" IN WIDTH. SURFACE IS STABLE, FIRM AND SLIP RESISTANT. CROSS SLOPE DOES NOT EXCEED 1:48 AND SLOPE IN THE DIRECTION OF TRAVEL DOES NOT EXCEED 1:20 UNLESS OTHERWISE INDICATED. SEE GRADING PLANS FOR PRECISE GRADING.
2. ACCESSIBLE PATH OF TRAVEL SHALL BE MAINTAINED FREE OF OVERHANGING OBSTRUCTIONS TO 80" MIN., AND PROTRUDING OBJECTS GREATER THAN 4" PROJECTION FROM WALL AND ABOVE 27" AND LESS THAN 80". OWNER'S REPRESENTATIVE SHALL VERIFY THAT THERE ARE NO BARRIERS IN THE PATH OF TRAVEL.
3. REFER TO SHEET LC-1.01 FOR CONSTRUCTION PLAN

KEY MAP



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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZITELSDORF
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Signature
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Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

JUNIPERO SERRA ELEMENTARY PLAYGROUNDS E9-24

8880 HALIFAX ST, VENTURA, CA 93004

CONSTRUCTION DOCUMENTS

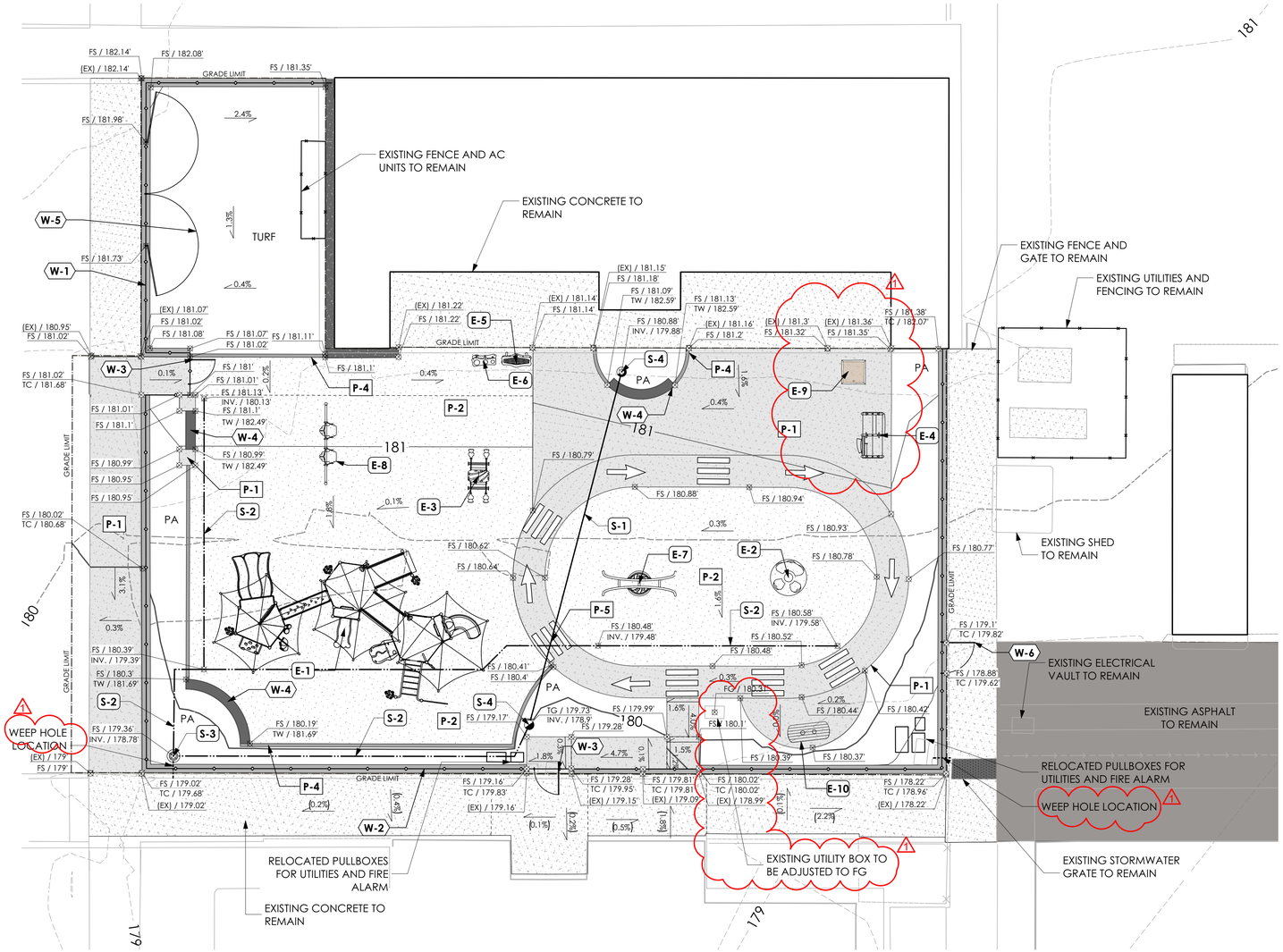
No.	Description	Date
1	BID ADD 01	12/19/2024

Sheet Name

PLAYGROUND ACCESSIBILITY PLAN

	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ
Sheet Number	LC-0.03

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Junipero Serra Playground (TK-K) - Construction Plan

Scale: 1" = 10'-0"

0 10 20 30 FT

N

CONSTRUCTION NOTES

1. SEE SHEET LC-0.01 FOR CONSTRUCTION SCHEDULES AND NOTES.

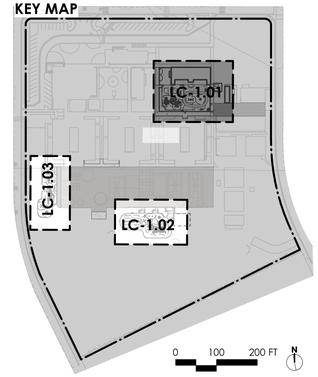
CONSTRUCTION SCHEDULE (THIS SHEET)

ID#	DESCRIPTION
PAVING	
P-1	PEDESTRIAN CONCRETE PAVING
P-2	POURED IN PLACE RUBBERIZED SURFACING
P-4	CONCRETE HEADER
P-5	TRIKE TRACK STRIPING
PLAY EQUIPMENT	
E-1	TK/K - LARGE INCLUSIVE PLAY STRUCTURE
E-2	TK/K - GROUP SPINNER
E-3	TK/K - INCLUSIVE SEESAW
E-4	TK/K - DRAMATIC PLAY HOUSE
E-5	TK/K - MELODY CHIMES
E-6	TK/K - CONCERT TRIO
E-7	TK/K - GROUP SWING
E-8	TK/K - SINGLE BAY SWING
E-9	TK/K ELEVATED SAND BOX WITH PLAY SAND
E-10	TK/K - PRETEND GAS STATION
WALLS AND FENCES	
W-1	CHAIN LINK FENCE ATOP MOW CURB
W-2	CHAIN LINK FENCE ATOP RETAINING CURB
W-3	PEDESTRIAN GATE
W-4	CONCRETE SEAT WALL
W-5	MAINTENANCE MOWING GATE
W-6	MAINTENANCE PEDESTRIAN GATE
STORMWATER AND DRAINAGE	
S-1	DRAIN PIPE
S-2	PERFORATED PIPE
S-3	POP-UP EMITTER
S-4	ATRIUM DRAIN

LINETYPE LEGEND

- GRADING LIMIT LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- GRADE BREAK
- PERFORATED DRAIN PIPE
- DRAIN PIPE
- CHAINLINK FENCE

KEY MAP



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CONSTRUCTION DOCUMENTS

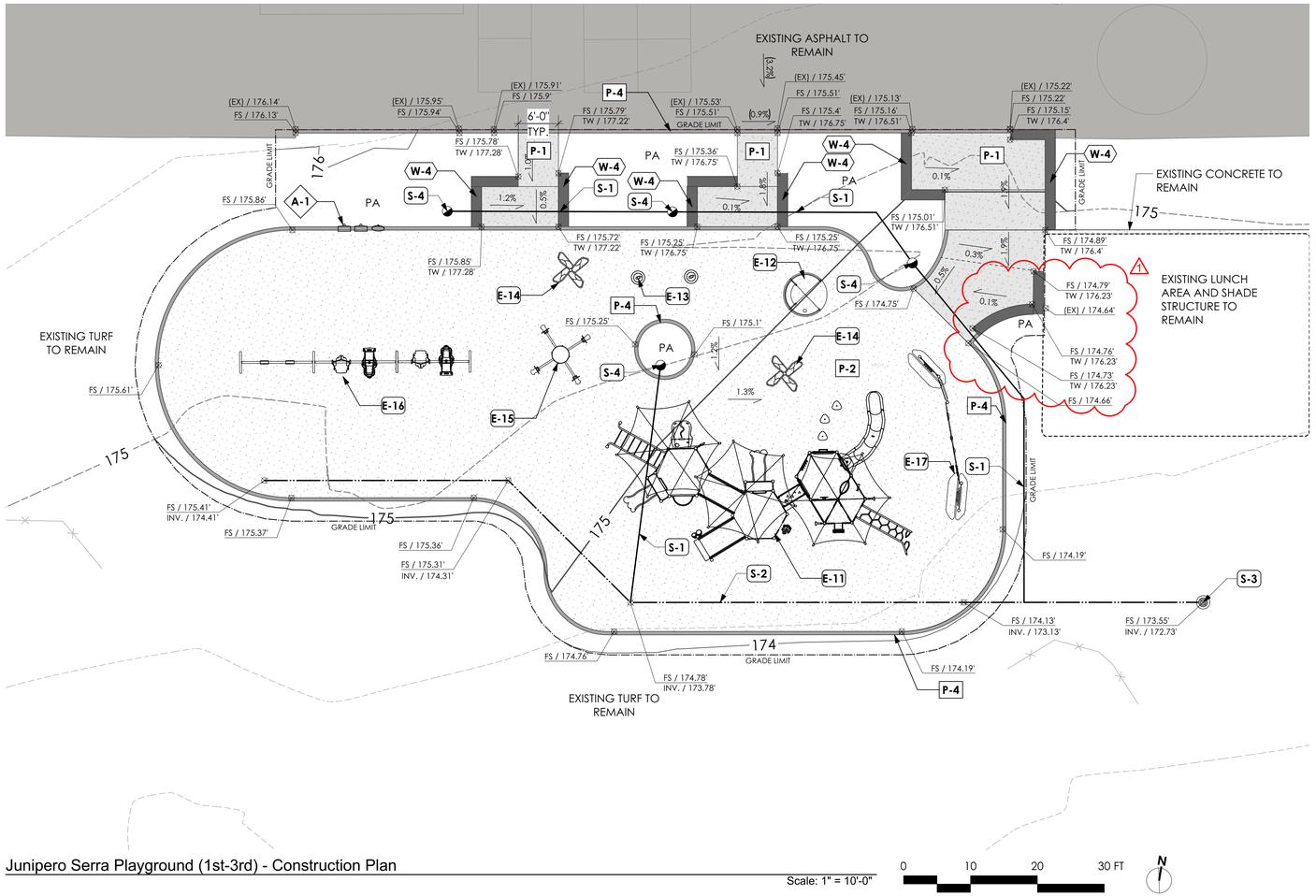
No.	Description	Date
1	BID ADD 01	12/19/2024

Sheet Name

CONSTRUCTION & GRADING PLANS

	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ
Sheet Number	LC-1.01

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Junipero Serra Playground (1st-3rd) - Construction Plan

Scale: 1" = 10'-0"

0 10 20 30 FT

N

CONSTRUCTION NOTES

1. SEE SHEET LC-0.01 FOR CONSTRUCTION SCHEDULES AND NOTES.

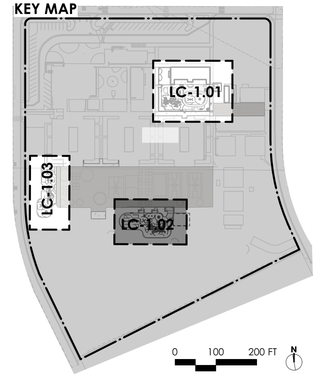
CONSTRUCTION SCHEDULE (THIS SHEET)

ID#	DESCRIPTION
PAVING	
P-1	PEDESTRIAN CONCRETE PAVING
P-2	POURED IN PLACE RUBBERIZED SURFACING
P-4	CONCRETE HEADER
AMENITIES	
A-1	1ST-3RD - PLAYGROUND SIGNAGE
PLAY EQUIPMENT	
E-11	1ST-3RD - LARGE INCLUSIVE PLAY STRUCTURE
E-12	1ST-3RD - INCLUSIVE WHIRL
E-13	1ST-3RD - SOLO SPINNER
E-14	1ST-3RD - SHADOW PLAY FLOWER
E-15	1ST-3RD - BUCK-A-BOUT COIL SPRING
E-16	1ST-3RD - TRIPLE BAY SWING
E-17	1ST-3RD - SENSORY WALL
WALLS AND FENCES	
W-4	CONCRETE SEAT WALL
STORMWATER AND DRAINAGE	
S-1	DRAIN PIPE
S-2	PERFORATED PIPE
S-3	POP-UP EMITTER
S-4	ATRIUM DRAIN

LINETYPE LEGEND

- GRADING LIMIT LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- GRADE BREAK
- PERFORATED DRAIN PIPE
- DRAIN PIPE
- CHAINLINK FENCE

KEY MAP



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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZIELSDORF
#6044
Signature
10/31/25
Renewal Date
12/05/24
Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

JUNIPERO SERRA ELEMENTARY PLAYGROUNDS E9-24

8880 HALIFAX ST, VENTURA, CA 93004

CONSTRUCTION DOCUMENTS

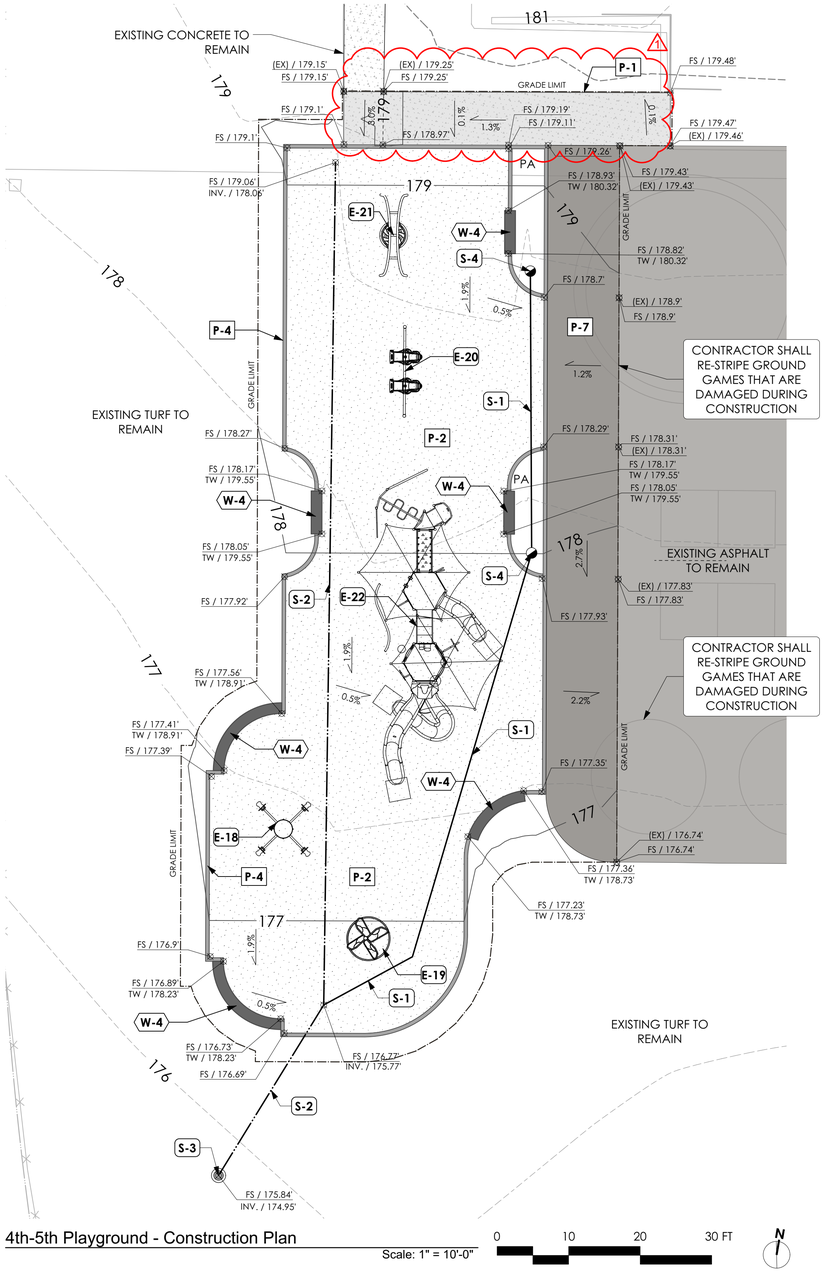
No.	Description	Date
1	BID ADD 01	12/19/2024

Sheet Name

CONSTRUCTION & GRADING PLANS

	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ
Sheet Number	LC-1.02

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4th-5th Playground - Construction Plan

Scale: 1" = 10'-0"

0 10 20 30 FT

N

CONSTRUCTION NOTES

1. SEE SHEET LC-0.01 FOR CONSTRUCTION SCHEDULES AND NOTES.

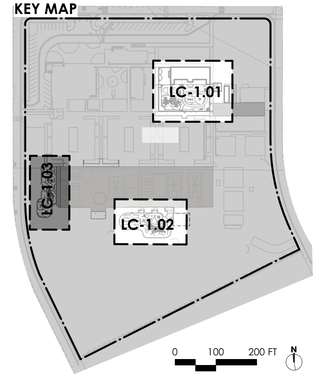
CONSTRUCTION SCHEDULE (THIS SHEET)

ID#	DESCRIPTION
PAVING	
P-1	PEDESTRIAN CONCRETE PAVING
P-2	POURED IN PLACE RUBBERIZED SURFACING
P-4	CONCRETE HEADER
P-7	AC PAVING
PLAY EQUIPMENT	
E-18	4TH-5TH - BUCK-A-BOUT COIL SPRING
E-19	4TH-5TH - SHADOW PLAY SKY RUNNER
E-20	4TH-5TH - SINGLE BAY SWING SET
E-21	4TH-5TH - ARCH SWING
E-22	4TH-5TH - LARGE PLAY STRUCTURE
WALLS AND FENCES	
W-4	CONCRETE SEAT WALL
STORMWATER AND DRAINAGE	
S-1	DRAIN PIPE
S-2	PERFORATED PIPE
S-3	POP-UP EMITTER
S-4	ATRIUM DRAIN

LINETYPE LEGEND

- GRADING LIMIT LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- GRADE BREAK
- PERFORATED DRAIN PIPE
- DRAIN PIPE
- CHAINLINK FENCE

KEY MAP



TERADA ARCHITECTS ROESLING NAKAMURA

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CONSTRUCTION DOCUMENTS

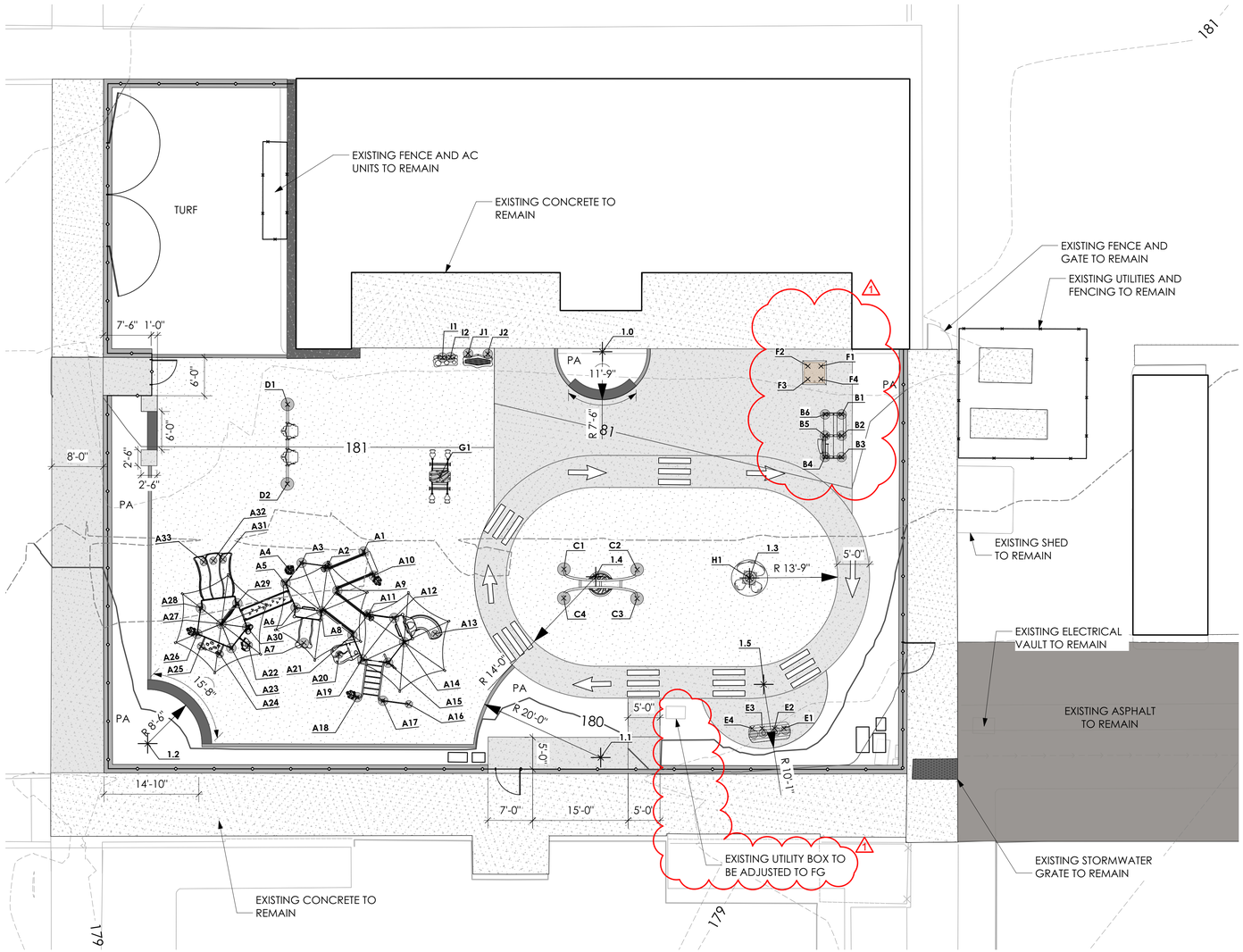
No.	Description	Date
1	BID ADD 01	12/19/2024

Sheet Name

CONSTRUCTION & GRADING PLANS

	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ
Sheet Number	LC-1.03

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Junipero Serra Playground (TK-K) - Footing Plan

Scale: 1" = 10'-0"

0 10 20 30 FT N

PLAYGROUND FOOTING LEGEND

ID	EASTING	NORTHING
1 - (2-5 Y.O.) LARGE PLAY STRUCTURE		
A1	6207144.51	1921814.30
A2	6207139.30	1921811.07
A3	6207135.22	1921810.94
A4	6207133.54	1921809.53
A5	6207133.29	1921807.34
A6	6207135.45	1921803.87
A7	6207137.66	1921798.64
A8	6207139.53	1921804.00
A9	6207141.46	1921807.60
A10	6207146.66	1921810.83
A11	6207146.86	1921804.71
A12	6207150.94	1921804.84
A13	6207157.66	1921803.45
A14	6207153.09	1921801.37
A15	6207151.16	1921797.77
A16	6207155.43	1921791.90
A17	6207151.35	1921791.77
A18	6207147.27	1921791.64
A19	6207147.08	1921797.64
A20	6207143.41	1921797.76
A21	6207144.93	1921801.11
A22	6207129.20	1921796.88
A23	6207126.58	1921795.97
A24	6207124.95	1921794.72
A25	6207121.86	1921795.45
A26	6207120.96	1921797.28
A27	6207124.43	1921799.44
A28	6207120.83	1921801.37
A29	6207126.36	1921803.04
A30	6207128.51	1921799.57
A31	6207122.97	1921809.42
A32	6207121.53	1921808.98
A33	6207120.10	1921808.55
2 - DRAMATIC PLAYHOUSE		
B1	6207214.73	1921847.85
B2	6207215.27	1921844.56
B3	6207215.81	1921841.27
B4	6207213.25	1921840.85
B5	6207212.71	1921844.14
B6	6207212.16	1921847.43
3 - ARCH SWING		
C1	6207175.87	1921816.76
C2	6207187.19	1921818.60
C3	6207187.92	1921814.12
C4	6207176.60	1921812.29
4 - SINGLE BAY SWINGS		
D1	6207128.95	1921835.04
D2	6207130.97	1921822.76
5 - GAS STATION		
E1	6207213.96	1921797.90
E2	6207212.51	1921797.65
E3	6207210.58	1921797.33
E4	6207209.05	1921797.07
6 - OASIS SAND HUT		
F1	6207210.29	1921854.76
F2	6207208.27	1921854.43
F3	6207208.60	1921852.41
F4	6207210.62	1921852.74
7 - INCLUSIVE SEESAW		
G1	6207154.33	1921827.87
8 - SPIN WITH ME		
H1	6207204.74	1921820.22
9 - CONCERT TRIO		
I1	6207151.64	1921846.28
I2	6207152.87	1921846.54
10 - MELODY CHIMES		
J1	6207155.50	1921847.56
J2	6207158.54	1921848.01

SITE FEATURES LAYOUT TABLE

ID	EASTING	NORTHING
1.0	6207176.18	1921851.32
1.1	6207186.43	1921788.64
1.2	6207116.14	1921779.05
1.3	6207204.74	1921820.22
1.4	6207180.98	1921816.41
1.5	6207209.69	1921804.16

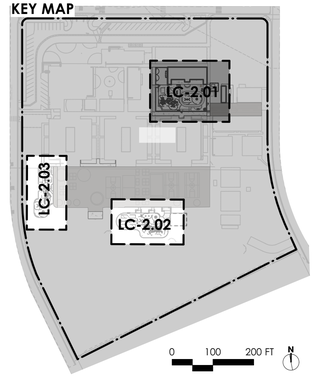
PLAY STRUCTURE FOOTING NOTES

1. CONTRACTOR SHALL CONFIRM FALL ZONE COMPLIANCE WHEN LAYING OUT PLAY EQUIPMENT, FOOTINGS AND ADJACENT SAFETY SURFACE EDGE CONDITIONS. NOTIFY DISTRICT REPRESENTATIVE IF CONFLICTS BETWEEN PLAYGROUND LAYOUT, SAFETY SURFACE EDGE CONDITIONS, OR ADJACENT EQUIPMENT INSTALLATIONS EXISTS. ANY ADJUSTMENTS TO THE LAYOUT REQUIRED TO MEET FALL ZONE COMPLIANCE WILL BE AT THE CONTRACTOR'S EXPENSE.

NOTE:

1. THIS TABLE SHALL SUPERCEDE MAUFACTURER'S ORDINATE TABLE.
2. REFERENCE MANUFACTURER'S FOOTING TABLE FOR FOOTING TYPES AND SIZES.

KEY MAP



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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZIELSDORF
#6044
Signature
10/31/25
Renewal Date
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Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

JUNIPERO SERRA ELEMENTARY PLAYGROUNDS E9-24

8880 HALIFAX ST,
VENTURA, CA 93004

CONSTRUCTION DOCUMENTS

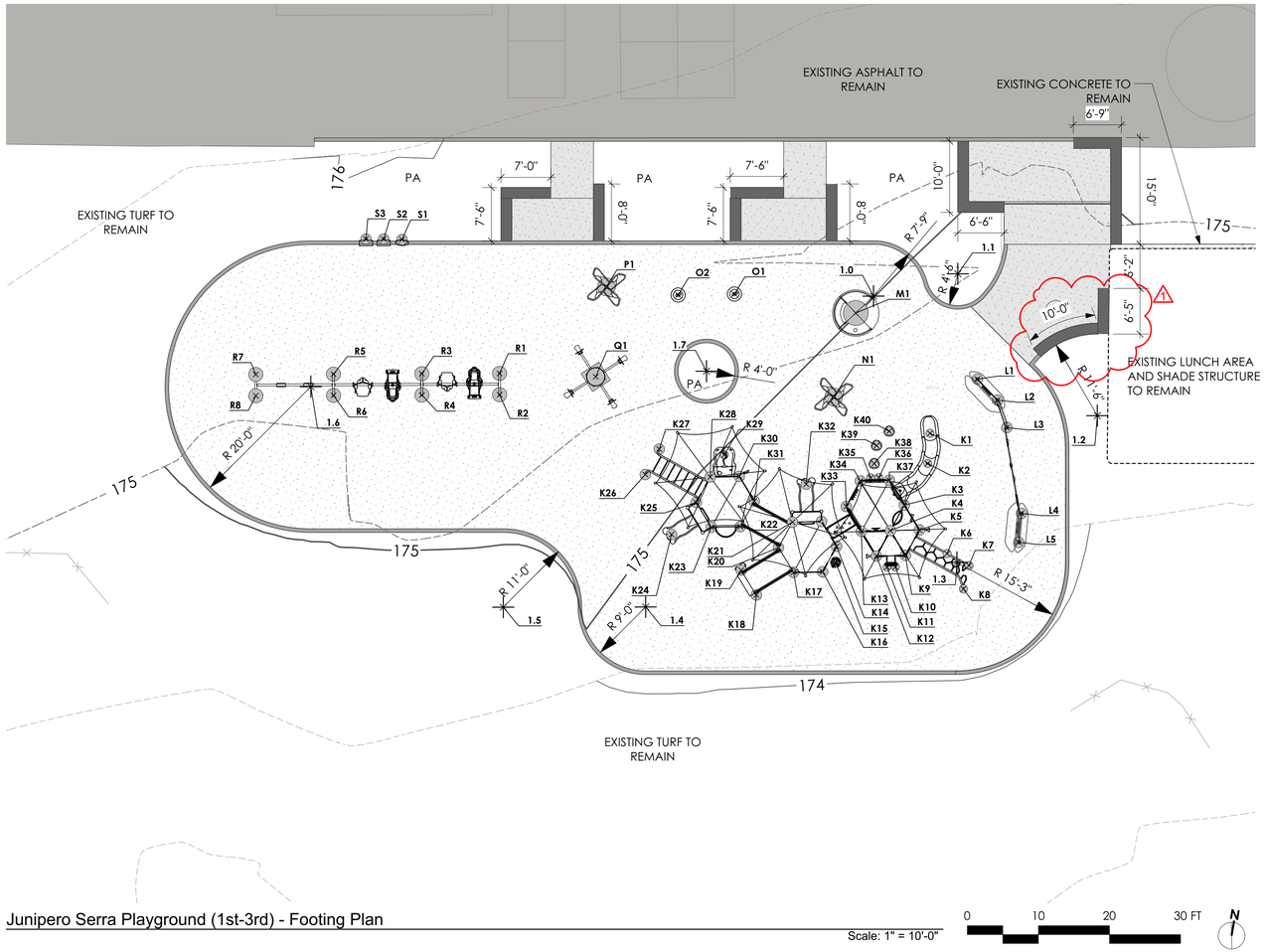
No.	Description	Date
1	BID ADD 01	12/19/2024

Sheet Name

HORIZONTAL CONTROL PLAN

	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ
Sheet Number	LC-2.01

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Junipero Serra Playground (1st-3rd) - Footing Plan

Scale: 1" = 10'-0"

0 10 20 30 FT N

PLAYGROUND FOOTING LEGEND

ID	EASTING	NORTHING
11 - (1st-3rd) LARGE PLAY STRUCTURE		
K1	6207166.80	1921503.95
K2	6207167.17	1921499.71
K3	6207164.90	1921493.39
K4	6207163.55	1921489.54
K5	6207167.56	1921490.30
K6	6207171.95	1921487.66
K7	6207175.25	1921486.50
K8	6207175.03	1921483.13
K9	6207166.21	1921486.44
K10	6207165.08	1921484.62
K11	6207163.92	1921484.40
K12	6207162.20	1921485.68
K13	6207159.54	1921488.77
K14	6207156.44	1921486.11
K15	6207156.69	1921483.87
K16	6207155.10	1921482.26
K17	6207151.08	1921481.50
K18	6207146.44	1921477.50
K19	6207143.78	1921480.59
K20	6207148.42	1921484.59
K21	6207149.77	1921488.44
K22	6207142.64	1921486.61
K23	6207138.63	1921485.85
K24	6207133.28	1921483.94
K25	6207135.96	1921488.94
K26	6207128.25	1921491.64
K27	6207129.60	1921495.49
K28	6207137.31	1921492.80
K29	6207138.75	1921496.18
K30	6207141.32	1921493.56
K31	6207143.99	1921490.47
K32	6207150.79	1921494.03
K33	6207156.87	1921491.87
K34	6207158.22	1921495.72
K35	6207159.58	1921496.40
K36	6207160.72	1921496.62
K37	6207162.23	1921496.48
K38	6207159.75	1921498.45
K39	6207159.65	1921501.02
K40	6207161.08	1921503.29
12 - SENSORY WAVE WALL		
L1	6207172.10	1921512.57
L2	6207175.37	1921510.12
L3	6207177.31	1921506.53
L4	6207181.34	1921494.96
L5	6207181.64	1921490.89
13 - INCLUSIVE WHIRL		
M1	6207153.70	1921518.92
14 - SHADOW PLAY FLOWER		
N1	6207152.58	1921506.77
15 - SOLO SPINNERS		
O1	6207136.44	1921518.75
O2	6207128.64	1921517.30
16 - SHADOW PLAY FLOWER		
P1	6207118.52	1921516.77
17 -BUCK-A-BOUT COIL SPRING		
Q1	6207119.11	1921504.05
18 - TRIPLE BAY SWING SET		
R1	6207105.69	1921502.29
R2	6207106.19	1921499.34
R3	6207094.92	1921500.45
R4	6207095.42	1921497.49
R5	6207082.67	1921498.35
R6	6207083.17	1921495.39
R7	6207071.90	1921496.50
R8	6207072.40	1921493.54
19 - PLAYGROUND SIGNAGE		
S1	6207089.06	1921518.60
S2	6207086.50	1921518.25
S3	6207084.05	1921517.84

PLAY STRUCTURE FOOTING NOTES

1. CONTRACTOR SHALL CONFIRM FALL ZONE COMPLIANCE WHEN LAYING OUT PLAY EQUIPMENT, FOOTINGS AND ADJACENT SAFETY SURFACE EDGE CONDITIONS. NOTIFY DISTRICT REPRESENTATIVE IF CONFLICTS BETWEEN PLAYGROUND LAYOUT, SAFETY SURFACE EDGE CONDITIONS, OR ADJACENT EQUIPMENT INSTALLATIONS EXISTS. ANY ADJUSTMENTS TO THE LAYOUT REQUIRED TO MEET FALL ZONE COMPLIANCE WILL BE AT THE CONTRACTOR'S EXPENSE.

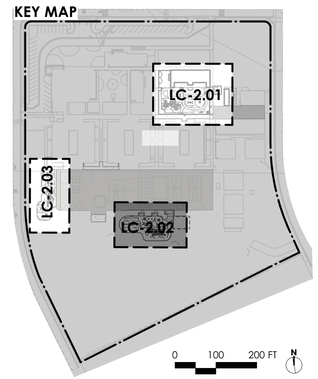
NOTE:

1. THIS TABLE SHALL SUPERCEDE MAUFACTURER'S ORDINATE TABLE.
2. REFERENCE MANUFACTURER'S FOOTING TABLE FOR FOOTING TYPES AND SIZES.

SITE FEATURES LAYOUT TABLE

ID	EASTING	NORTHING
1.0	6207155.78	1921521.67
1.1	6207166.95	1921526.73
1.2	6207189.59	1921510.27
1.3	6207173.52	1921486.66
1.4	6207131.37	1921473.27
1.5	6207111.63	1921469.94
1.6	6207079.82	1921496.08
1.7	6207134.35	1921507.39

KEY MAP



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VENTURA UNIFIED SCHOOL DISTRICT

JUNIPERO SERRA ELEMENTARY PLAYGROUNDS E9-24

8880 HALIFAX ST, VENTURA, CA 93004

CONSTRUCTION DOCUMENTS

No.	Description	Date
1	BID ADD 01	12/19/2024

Sheet Name

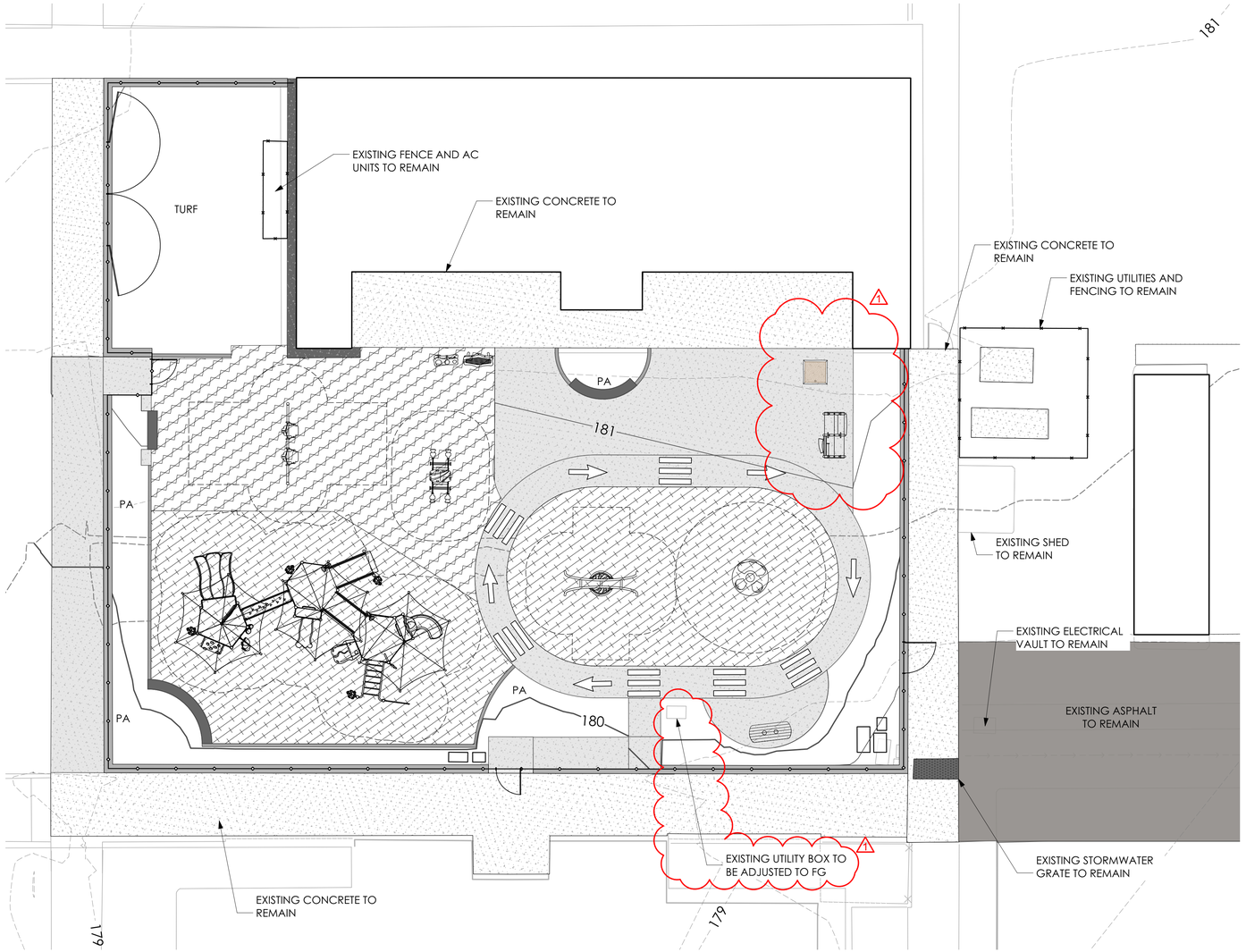
HORIZONTAL CONTROL PLAN

	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ

Sheet Number

LC-2.02

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Junipero Serra Playground (TK-K) - Surfacing Plan

Scale: 1" = 10'-0"

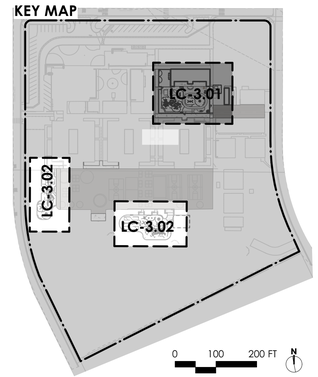
0 10 20 30 FT N

POURED IN PLACE SURFACING DEPTHS

SYMBOL	BASEMAT THICKNESS - MIN. (INCHES)	CRITICAL FALL HEIGHT (FEET)
	2 1/2 in.	5 ft.
	3 in.	6 ft.
	3 3/4 in.	8 ft.
	4 1/2 in.	10 ft.

NOTE: SURFACING BASEMAT THICKNESSES PER GT IMPAX POURED IN PLACE SURFACING SPECIFICATIONS. CONTRACTOR SHALL ADD 1/2" ADDITIONAL BASEMAT FOR CONTINGENCY. POURED IN PLACE SURFACE TOP SURFACE COAT SHALL BE 1/2 INCHES.

KEY MAP



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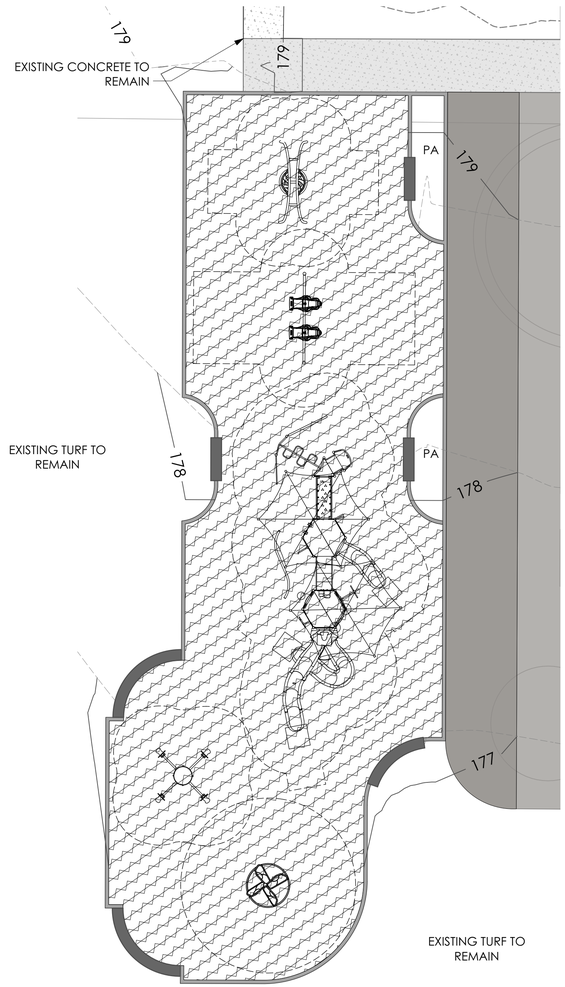
PLAYGROUND SURFACING DEPTHS PLAN

	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ

Sheet Number

LC-3.01

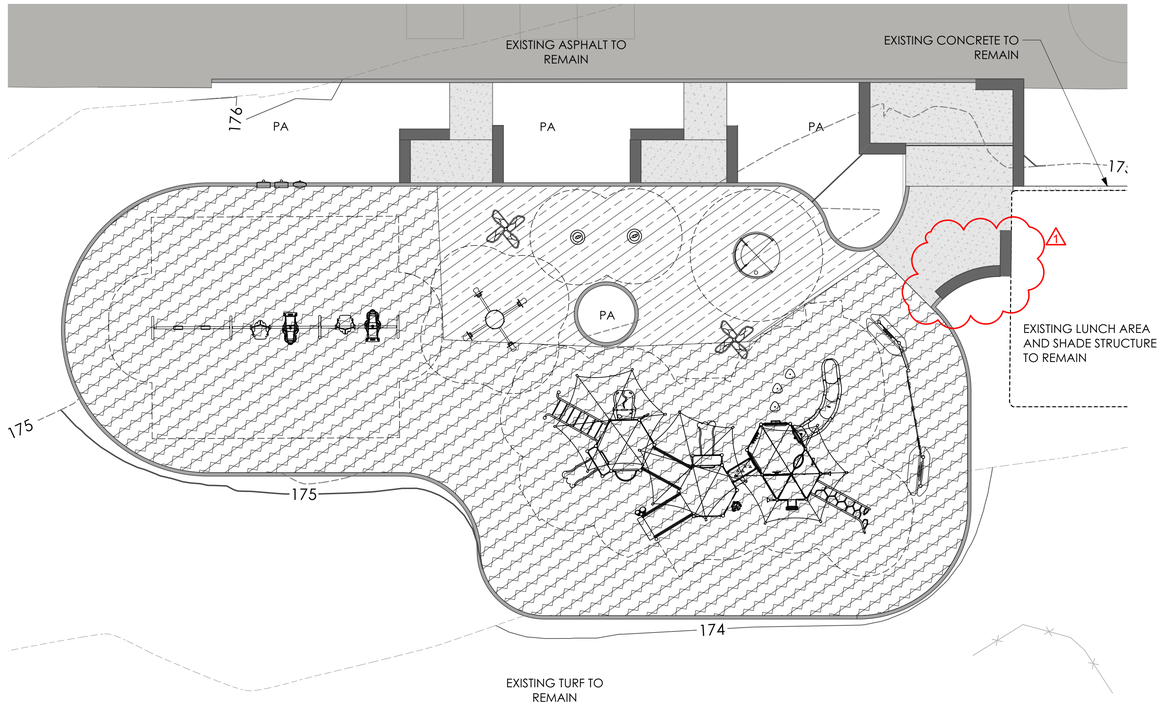
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4th-5th Playground - Surfacing Plan

Scale: 1" = 10'-0"

0 10 20 30 FT N



Junipero Serra Playground (1st-3rd) - Surfacing Plan

Scale: 1" = 10'-0"

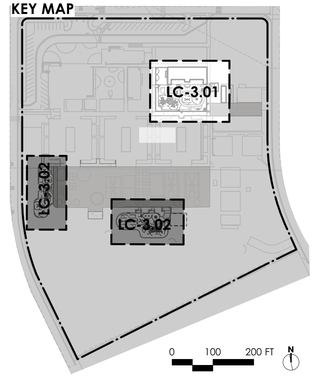
0 10 20 30 FT N

POURED IN PLACE SURFACING DEPTHS

SYMBOL	BASEMAT THICKNESS - MIN. (INCHES)	CRITICAL FALL HEIGHT (FEET)
	2 1/2 in.	5 ft.
	3 in.	6 ft.
	3 3/4 in.	8 ft.
	4 1/2 in.	10 ft.

NOTE: SURFACING BASEMAT THICKNESSES PER GT IMPAX POURED IN PLACE SURFACING SPECIFICATIONS. CONTRACTOR SHALL ADD 1/2" ADDITIONAL BASEMAT FOR CONTINGENCY. POURED IN PLACE SURFACE TOP SURFACE COAT SHALL BE 1/2 INCHES.

KEY MAP



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CONSTRUCTION DOCUMENTS

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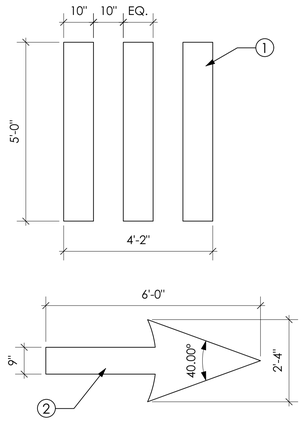
PLAYGROUND SURFACING DEPTHS PLAN

	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ

Sheet Number

LC-3.02

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LEGEND:

1. TRIKE TRACK CROSSWALK STRIPING
2. TRIKE TRACK DIRECTIONAL ARROW

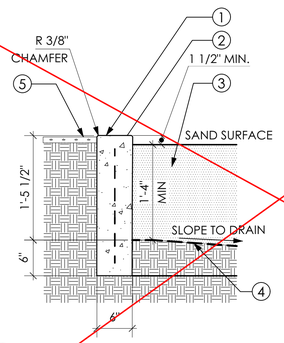
NOTES:

1. REFER TO CONSTRUCTION SCHEDULE FOR GROUND PAINT TEXTURE, MANUFACTURER AND COLOR.
2. COAT ALL PAINTED SURFACES W/ 'VANDLGUARD TEN' NON-SACRIFICIAL GRAFFITI COATING AND VANDLGUARD FINISH COAT NON-SACRIFICIAL GRAFFITI COATING BY RAINGUARD INTERNATIONAL.

G TRIKE TRACK GROUND PAINT

Scale: 1/2" = 1'-0"

OMIT



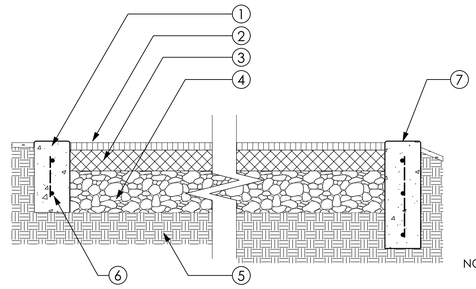
LEGEND:

1. CONCRETE HEADER
2. (3) #3 BARS CONTINUOUS HORIZONTAL. BEND #3 BARS VERT. @ 24" OC INTO FOOTING
3. NO. 16 PLAY SAND, 16" MIN. DEPTH
4. GEOTEXTILE FABRIC BETWEEN SAND & COMPACTED SUBGRADE
5. ADJ. BARK MULCH, DG OR TURF

   ADJ. GRADE = 2" TURF
   1" TOP OF MULCH
   1/2" DG

D PLAY SAND

Scale: 1" = 1'-0"



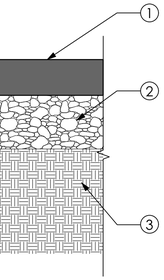
1. REINFORCED CONCRETE HEADER
2. POURED IN PLACE TOP COAT WEAR COURSE
3. POURED IN PLACE BASEMAT IMPACT COURSE. THICKNESS VARIES. SEE MANUFACTURER'S RECOMMENDATIONS.
4. CLASS 2 AGGREGATE. MIN. 3"
5. COMPACTED SUBGRADE DRAINS TO INLET. SEE GRADING PLANS
6. (2) #3 REBAR CONTINUOUS HORIZ. #3 REBAR VERT. @24" O.C.
7. DEEPENED, RETAINING CURB WHERE APPLICABLE

NOTES:

1. CLASS 2 AGGREGATE BASE TO BE COMPACTED TO 95% AND FULLY CONTAINED.
2. STONE BASE ELEVATION SHALL DRAIN PER GRADING PLAN.
3. POUR IN PLACE SURFACE (P.I.P.) MATERIAL VARIES IN THICKNESS.

A POURED IN PLACE RUBBERIZED PLAY SURFACING WITH HEADER CURB

Scale: 1" = 1'-0"



LEGEND:

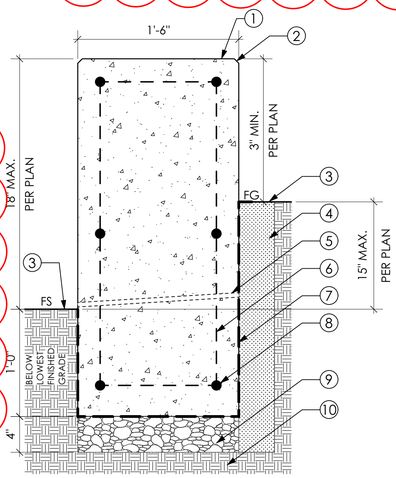
1. AC PAVING
2. 95% COMPACTED CLASS 2 AGGREGATE BASE
3. COMPACTED SUB-GRADE TO MIN. 95% RELATIVE COMPACTION

NOTES:

1. MATCH EXISTING SECTION OR 4" AC ON 6" AGGREGATE BASE (WHICHEVER IS GREATER).
2. REFER TO SPECIFICATIONS WHERE EXISTING ASPHALT IS DEMOLISHED AND REMOVED AND EXISTING BASE EXISTS.

H AC PAVING

Scale: 1 1/2" = 1'-0"



LEGEND:

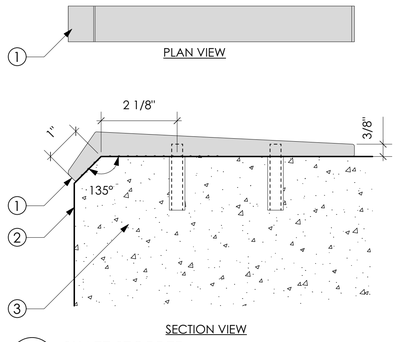
1. SKATE STOPPER. SEE DETAIL, THIS SHEET
2. C.I.P. CONCRETE WALL PER PLANS (RETAINING WHERE REQUIRED). #3 REBAR HORIZONTAL CONTINUOUS AT 4 CORNERS. SET MIN. 2" FROM CORNER. 3/4" CHAMFER ON TOP EDGES
3. ADJACENT FINISH GRADE VARIES. SEE PLANS FOR SPOT ELEVATIONS
4. 4" MIN. CRUSHED GRAVEL BACKFILL
5. 1/2" WEEP HOLE @ 24" O.C. TYP.
6. #4 REBAR CAGE AT 2'-0" O.C.
7. HENRY CM 100 WATERPROOFING MATERIAL PER MANUFACTURER'S RECOMMENDATIONS
8. #3 CONT. HORIZONTAL BARS
9. 4" MIN. COMPACTED CLASS 2 AGGREGATE BASE
10. COMPACTED SUBGRADE

NOTES:

1. BOTTOM OF FOOTING IS 12" BELOW LOWEST FG, (TYP.)
2. SEE GRADING PLAN FOR WALL ELEV. AND ADJACENT FS ELEV.

E CONCRETE RETAINING SEATWALL

Scale: 1 1/2" = 1'-0"



LEGEND:

1. ALUMINUM SKATE STOPPER
2. CONCRETE SEATING EDGE, SEE DETAIL, THIS SHEET
3. ANCHORING STUDS AND EPOXY (3/8" x 1-1/2")

NOTES:

1. INSTALL PER MANUFACTURER'S INSTRUCTIONS
2. FIRST SKATE STOP IS 18" FROM THE END OF THE WALL/SEAT, ALL PROCEEDING SKATE STOPS ARE 36" O.C.

F SKATE STOPPER

Scale: 6"=1'-0"

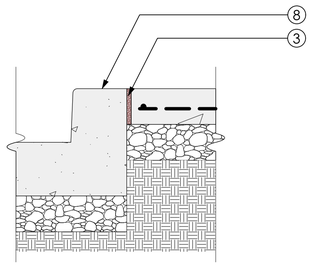
4" CONCRETE PAVING/WALKS - ISOLATION JOINT WITH SEALANT

LEGEND:

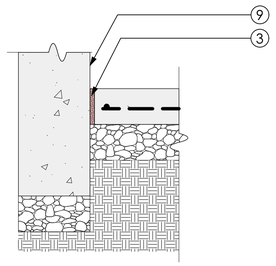
1. CONCRETE COLOR AND FINISH PER HARDSCAPE PLAN.
2. CENTER #4, REBAR @ 16" BOTH WAYS.
3. 1/2" FOAM EXPANSION JOINT W/MASTIC SEALER PER CONSTRUCTION NOTES, LOCATIONS PER HARDSCAPE PLANS.
4. #4 REBAR DOWEL WITH 1/2" DOWEL SLEEVE AT 16" O.C. GROUT IN SLEEVE AND INSERT BAR.
5. SAW-CUT 3/16" WIDE x 3/4" DEEP SCORING; SCORE LOCATIONS PER HARDSCAPE PLANS.
6. CLASS 2 AGGREGATE BASE, COMPACTED 90%.
7. COMPACTED SUBGRADE PER ENGINEER.
8. CONCRETE CURB. PER CIVIL PLANS.
9. BUILDING OR OTHER VERTICAL ELEMENT. PER CIVIL OR ARCHITECTURAL PLANS.

NOTES:

1. ATTACH 1/2" THICK FOAM EXPANSION MATERIAL TO CONCRETE PLACEMENT 1 USING SPRAY GLUE.
2. FOAM EXPANSION MATERIAL MUST BE STRAIGHT AND FLUSH WITH THE FACE OF CONCRETE PLACEMENT 1.



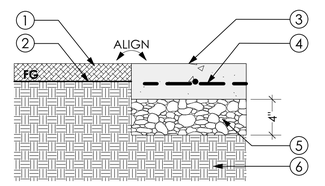
ISOLATION JOINT WITH SEALANT - HORIZONTAL ELEMENT CONDITION



ISOLATION JOINT WITH SEALANT - VERTICAL ELEMENT CONDITION

B CONCRETE PAVING

Scale: 1 1/2" = 1'-0"



LEGEND:

1. PLANTER AREA MULCH PER PLANS
2. PLANTER AREA FINISHED GRADE
3. CONCRETE COLOR AND FINISH PER HARDSCAPE PLAN.
4. REBAR PER HARDSCAPE PLAN AND DETAILS.
5. CLASS 2 AGGREGATE BASE, COMPACTED PER HARDSCAPE PLAN AND DETAILS.
6. COMPACTED SUBGRADE PER ENGINEER.

NOTE:

1. REFER TO TREE PLANTING DETAIL FOR INSTALLATION OF ROOT BARRIER.

C CONCRETE ADJACENT TO PLANTING AREA

Scale: 1 1/2" = 1'-0"

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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZITELSDORF
#6044
Signature
10/31/25
Renewal Date
12/05/24
Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

JUNIPERO SERRA ELEMENTARY PLAYGROUNDS
E9-24

8880 HALIFAX ST,
VENTURA, CA 93004

CONSTRUCTION DOCUMENTS

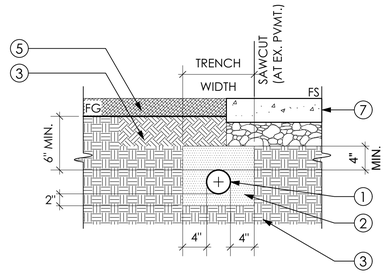
No.	Description	Date
1	BID ADD 01	12/19/2024

Sheet Name

CONSTRUCTION DETAILS

	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ
Sheet Number	LC-4.01

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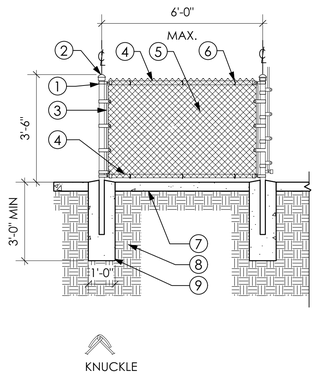
LEGEND

1. PIPE SIZE PER PLAN
2. FILL MATERIAL FOR PVC: FILL SAND (S.E.=30 MIN). 95% COMPACTION
3. COMPACTED SUBGRADE TO MINIMUM 90% RELATIVE DRY DENSITY
4. PAVEMENT SECTION
5. NON-PAVED AREAS

NOTES:
1. CONTRACTOR SHALL VERIFY EXISTING UTILITIES BY POTHOLING PRIOR TO CONSTRUCTION AND NOTIFY THE LANDSCAPE ARCHTIECT OF ANY CONFLICTS OR DISCREPANCIES.

D GRAVITY PIPE TRENCH

Scale: 1" = 1'-0"



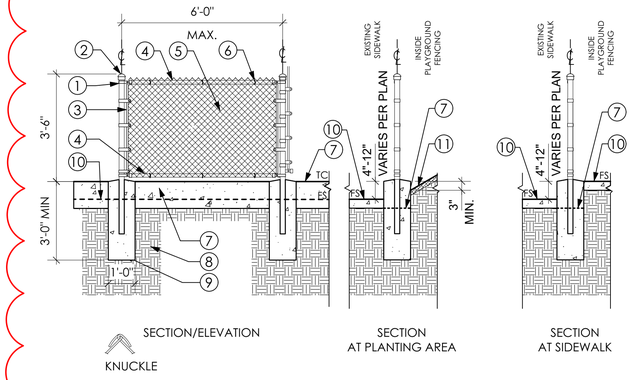
LEGEND:

1. RAIL END & BAND
2. 2 3/8" O.D. ROUND POWDER COATED TERMINAL POST W/ DOMED CAP
3. TENSION BAR & BAND
4. 1 5/8" O.D. ROUND POWDER COATED TOP & BOTTOM RAIL
5. 2" CHAIN LINK FABRIC 9 GAUGE FINISH
6. 9 GAUGE WIRE FENCE TIES
7. CONCRETE MOW CURB, 16" WIDE x 4" DEPTH
8. SUBGRADE
9. CONCRETE FOOTING

NOTES:
1. ALL CHAIN LINK FABRIC AND FENCE HARDWARE SHALL BE GALVANIZED AND VINYL COATED.
2. TOP AND BOTTOM FABRIC SELVEDGE TO BE KNUCKLED.
3. FABRIC SHALL BE INSTALLED ON THE OUTSIDE.
4. TENSION BARS TO BE 5 FOR EVERY 6' OF POST.
5. WIRE TIES TO BE 24" O.C. ON TOP AND BOTTOM RAIL.
6. TROWEL FINISH CONCRETE AROUND ALL POSTS AND SLOPE DOWNWARD TO FINISHED GRADE.
7. CENTER FENCE ON CONCRETE MOW CURB. CONTRACTOR SHALL TIE MOW CURB INTO POST FOOTINGS.
8. CONTRACTOR SHALL CONSTRUCT MOW CURB PER ARCHITECT'S DETAIL.

E CHAIN LINK FENCE ATOP MOW CURB

Scale: 3/8" = 1'-0"



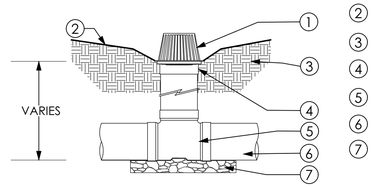
LEGEND:

1. RAIL END & BAND
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3. TENSION BAR & BAND
4. 1 5/8" O.D. ROUND POWDER COATED TOP & BOTTOM RAIL
5. 2" CHAIN LINK FABRIC 9 GAUGE FINISH
6. 9 GAUGE WIRE FENCE TIES
7. CONCRETE MOW CURB, 16" WIDE x DEPTH PER PLAN
8. SUBGRADE
9. CONCRETE FOOTING
10. ADJACENT PAVING
11. ADJACENT SLOPED MULCH AREA

NOTES:
1. ALL CHAIN LINK FABRIC AND FENCE HARDWARE SHALL BE GALVANIZED AND VINYL COATED.
2. TOP AND BOTTOM FABRIC SELVEDGE TO BE KNUCKLED.
3. FABRIC SHALL BE INSTALLED ON THE OUTSIDE.
4. TENSION BARS TO BE 5 FOR EVERY 6' OF POST.
5. WIRE TIES TO BE 24" O.C. ON TOP AND BOTTOM RAIL.
6. TROWEL FINISH CONCRETE AROUND ALL POSTS AND SLOPE DOWNWARD TO FINISHED GRADE.
7. CENTER FENCE ON CONCRETE RAISED CURB. CONTRACTOR SHALL TIE RAISED CURB INTO POST FOOTINGS.

F CHAIN LINK FENCE ATOP RAISED CURB

Scale: 3/8" = 1'-0"



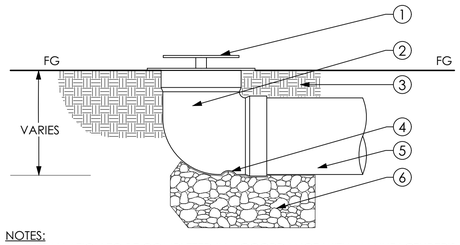
LEGEND:

1. ATRIUM DRAIN PER CONSTRUCTION SCHEDULE
2. SLOPE TO DRAIN
3. COMPACTED SOIL
4. NDS UNIVERSAL OUTLET OR APPROVED EQUAL
5. SEWER AND DRAIN TEE
6. SEWER AND DRAIN PIPE
7. CLASS 2 AGGREGATE BASE

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS

A ATRIUM DRAIN

Scale: 1" = 1'-0"



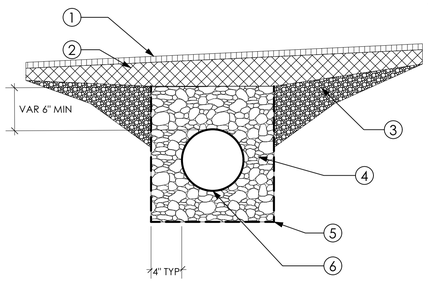
LEGEND:

1. NDS POP-UP DRAINAGE EMITTER WITH U.V. INHIBITOR.
2. NDS 1/4 BEND SEWER DRAIN ELBOW.OR APPROVED EQUAL
3. COMPACTED SOIL
4. 1/4" LEACH HOLE
5. SEWER & DRAIN PIPE
6. CLASS 2 AGGREGATE BASE

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

B POP-UP EMITTER

Scale: 1" = 1'-0"



LEGEND:

1. PLAY SURFACING PER HARDSCAPE PLANS
2. PLAY SURFACING BASEMAT WEARCOURSE SLOPED TOWARDS SUBDRAIN (1% MIN)
3. CLASS 2 AGGREGATE BASE, SLOPE TO SUBDRAIN
4. WASHED NO. 57 DRAINAGE STONE
5. NON-WOVEN 180N GEOTEXTILE (MIRAFI OR APPROVED EQUAL) WRAPPED AROUND STONE RESERVOIR
6. 4" PERFORATED PVC UNDERDRAIN 1% MIN SLOPE PER PLAN

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS

C PERFORATED UNDERDRAIN

Scale: 1" = 1'-0"

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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZITELSDORF
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JUNIPERO SERRA ELEMENTARY PLAYGROUNDS E9-24

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No.	Description	Date
1	BID ADD 01	12/19/2024

Sheet Name

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	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ

Sheet Number

LC-4.02

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IRRIGATION NOTES

1. IF IT IS FOUND DURING INSTALLATION THAT THE SITE VARIES FROM THE DRAWINGS, NOTIFY THE PROJECT MANAGER BEFORE PROCEEDING WITH THE WORK.
2. COORDINATE THE INSTALLATION OF ALL SLEEVING WITH LANDSCAPE CONSTRUCTION PLANS.
3. PIPE SLEEVE SHALL ALLOW FOR IRRIGATION PIPING AND RELATED COUPLINGS TO EASILY SLIDE THROUGH SLEEVING. EXTEND NEW SLEEVES 12 INCHES BEYOND EDGE OF PAVING. ALL IRRIGATION MAINLINE CROSSINGS SHALL BE INSTALLED IN SCHEDULE 40 SLEEVES THAT ARE A MIN. OF 2X THE DIAMETER OF THE PRESSURE PIPE. PROVIDE LOCATOR WIRE OR TAPE ALONG LENGTH OF SLEEVE. ALSO PROVIDE A SEPARATE IRRIGATION WIRE CONDUIT TAPED TO MAINLINE SLEEVE SIZED TO EASILY PULL WIRES THAT RUNS PARALLEL TO THE SLEEVE. ALL SLEEVES AND CONDUIT MUST BE PERPENDICULAR TO ROAD.

   ALL IRRIGATION MAINLINE CROSSOVERS SHALL BE INSTALLED IN SCHEDULE 40 OR CLASS 315 SLEEVES (SEE SLEEVE SIZING LEGEND) THAT ARE IN A MIN. OF 2X THE DIAMETER OF THE PRESSURE PIPE. PROVIDE LOCATOR WIRE OR TAPE ALONG LENGTH OF SLEEVE. ALSO PROVIDE A SEPARATE IRRIGATION WIRE CONDUIT TAPED TO MAINLINE SLEEVE SIZED TO EASILY PULL WIRES THAT RUNS PARALLEL TO THE SLEEVE. ALL SLEEVES AND CONDUIT MUST BE PERPENDICULAR TO ROAD. (1)
4. COORDINATE THE INSTALLATION OF ALL IRRIGATION MATERIALS, INCLUDING PIPE, WITH THE PLANTING PLAN TO AVOID INTERFERING WITH THE PLANTING.
5. CONTRACTOR SHALL TEST PRESSURE PRIOR TO CONSTRUCTION. IF PRESSURE IS LESS THAN 80 PSI, NOTIFY THE PROJECT MANAGER PRIOR TO CONSTRUCTION.
6. IRRIGATION DRAWINGS ARE DIAGRAMMATIC. LOCATE MAIN LINE AS DIRECTED PER PLAN. LOCATE NEW PIPELINES, VALVES AND EQUIPMENT IN PLANTING AREAS WHEREVER POSSIBLE.
7. PVC SHALL BE LAID WITH CONNECTIONS HORIZONTAL, NOT VERTICAL.
8. SCHEDULE 40 PVC ONLY, NO EXCEPTIONS.
9. ALL NEW TREES SHALL RECEIVE (1) 20 GALLON TREEGATOR ORIGINAL WATERING BAG
10. CONTRACTOR SHALL ADJUST ALL HEADS TO INSURE FULL COVERAGE WITH MINIMUM OVERSPRAY ONTO PAVED SURFACES.
11. PRESSURE TEST ON ALL MAINLINES 4 HOURS AT 150 PSI. CALL INSPECTOR 24 HOURS PRIOR TO TEST.
12. NO IRRIGATION LINES SHALL BE PLACED UNDER ROOTBALLS OF EXISTING OR PROPOSED PLANTS.
13. PRESSURE REGULATING DEVICES ARE REQUIRED IF WATER PRESSURE IS BELOW OR EXCEEDS THE RECOMMENDED PRESSURE OF THE SPECIFIED IRRIGATION DEVICES
14. CHECK VALVES OR ANTI-DRAIN VALVES ARE REQUIRED ON ALL SPRINKLER HEADS WHERE LOW POINT DRAINAGE COULD OCCUR
15. CONTRACTOR SHALL ENSURE EXISTING IRRIGATION REMAINS OPERATIONAL DURING & POST CONSTRUCTION.
16. CONTRACTOR SHALL RELOCATE/ADJUST EXISTING TURF SPRAY HEADS, LATERALS, MAINLINE, VALVES, AND ANY IRRIGATION APPURTENANCES LOCATED WITHIN THE PROJECT LIMITS OF WORK TO ENSURE FULL COVERAGE OF THE EXISTING IRRIGATION SYSTEM.
17. CONTRACTOR SHALL REPAIR/REPLACE ANY IRRIGATION PIPE & ANY IRRIGATION APPURTENANCES DAMAGED DURING CONSTRUCTION.
18. CONTRACTOR SHALL REMOVE EXISTING IRRIGATION BACKFLOW PREVENTER DURING DEMOLITION OPERATIONS AND INSTALL A NEW BACKFLOW PREVENTER. INSTALL IN NEW LOCATION PER PLAN USING EXISTING ENCLOSURE.

PLANTING NOTES

1. ALL PLANTED AREAS SHALL BE THOROUGHLY RIPPED TO A DEPTH OF 8", USING RIPPER WITH TEETH NO WIDER THAN 12" O.C. WHERE POSSIBLE. THE RIPPING SHOULD BE DONE IN TWO DIRECTIONS TO REDUCE THE COMPACTION WHICH OCCURS AS A RESULT OF CONSTRUCTION.
2. THE CONTRACTOR SHALL COLLECT A MINIMUM OF THREE SOIL SAMPLES FROM NEW PLANTING AREAS FOR AGRONOMIC TESTING & AMENDMENT RECOMMENDATIONS FROM FRUIT GROWERS LAB @ (805) 392-2000. RESULTS SHALL BE TRANSMITTED TO CLIENT AND LANDSCAPE ARCHITECT OF RECORD. SOIL MANAGEMENT REPORT RECOMMENDATIONS SHALL ADDRESS THE FOLLOWING AT A MINIMUM: SOIL TEXTURE, SOIL INFILTRATION RATE, SOIL PH, AND SUGGESTED AMENDMENTS BASED UPON PROPOSED PLANTING PALETTE. SEE SPECIFICATIONS.
3. FOR SOILS LESS THAN 6% ORGANIC MATTER IN THE TOP 6 INCHES OF SOIL, COMPOST AT A RATE OF A MINIMUM OF FOUR CUBIC YARDS PER 1,000 SQUARE FEET OR PERMEABLE AREA SHALL BE INCORPORATED TO A DEPTH OF SIX INCHES INTO THE SOIL
4. ALL AMENDMENTS TO BE APPLIED PER SOIL MANAGEMENT REPORT, OR IF NO TECHNIQUE IS SPECIFIED, THEN MIXED TOGETHER AND ROTOTILLED INTO PLANTING AREAS TO A DEPTH OF 6". (UNTIL RESULTS OF SOIL MANAGEMENT REPORT ARE OBTAINED. THE FOLLOWING AMENDMENTS MAY BE USED FOR BID PURPOSES ONLY. RESULTS OF SOILS ANALYSIS SUPERSEDE THESE QUANTITIES):

   5 LBS/1000 SF POTASSIUM SULFATE
   5 LBS/1000 SF AMMONIUM SULFATE
   5 LBS/1000 SF SINGLE SUPERPHOSPHATE OR EQ.
   80 LBS/1000 SF AGRICULTURAL GYPSUM
   6 CY GENERAL PURPOSE SOIL AMENDMENT
5. GRO-POWER PLANTING TABLETS PLACED 2 INCHES DEEP AND 2" OUTSIDE ROOT BALL: (3) PER 1 GAL; (9) PER 5 GAL; (15) PER 15 GAL, (16) PER 24" BOX AND (20) PER 36" BOX
6. PLANT MATERIAL QUANTITIES LISTED FOR CONVENIENCE OF CONTRACTOR. ACTUAL NUMBER OF SYMBOLS SHALL HAVE PRIORITY OVER QUANTITY DESIGNATED.
7. A MINIMUM 3-INCH LAYER OF MULCH SHALL BE APPLIED ON ALL EXPOSED SOIL SURFACES OF PLANTING AREAS EXCEPT TURF AREAS AND DIRECT SEEDING APPLICATIONS WHERE MULCH IS CONTRADICTORY.
8. MULCH SHALL BE ES-2 MULCH FROM AGROMIN PREMIUM SOIL PRODUCTS (805) 482.8749. PROVIDE SAMPLE TO LANDSCAPE ARCHITECT OF RECORD FOR APPROVAL.
9. SEE SHEET, LP-2.01 FOR ALL PLANTING DETAILS
10. ALL BERMUDAGRASS TO BE SOD.
11. CONTRACTOR TO PROVIDE TEMPORARY IRRIGATION/WATERING TO TREES AND RESEEDED/SODDED TURF DURING CONTRACTOR PLANT ESTABLISHMENT PERIOD.
12. ALL TREES WITHIN 5 FT. OF PAVEMENT TO HAVE CENTURY PRODUCTS LINEAR CP36-2 'POLYETHYLENE' ROOT BARRIERS INSTALLED PER MANUFACTURER'S RECOMMENDATIONS 1 1/2" OFF BACK OF CURB OR EDGE OF PAVEMENT. ROOT BARRIER TO BE INSTALLED AT BACK OF HARDSCAPE, IN 10 FOOT PANELS CENTERED ON THE TREE TRUNK, (NOT IN CIRCLE AROUND ROOT BALL.
13. LIMITS OF TURF REPLACEMENT ARE APPROXIMATE. CONTRACTOR SHALL PATCH AND REPAIR ALL TURF DAMAGED DURING CONSTRUCTION OPERATIONS.

MASTER TREE SCHEDULE

SYMBOL	QTY	*LATIN NAME*	COMMON NAME	WUCOLS	SIZE
TREES					
	1	*Cercis occidentalis*	Western Redbud	L	24" BOX
	4	*Chilopsis linearis 'Regal'*	Regal Desert Willow	L	24" BOX
	3	*Michelia doltsopa*	Sweet Michelia	M	24" BOX
	8	*Pistacia x 'Red Push'*	Red Push Pistache	M	24" BOX
	9	*Platanus racemosa 'Roberts'*	Robert's Western Sycamore	M	24" BOX
	4	*Searsia lancea*	African sumac	L	24" BOX
	3	*Tipuana tipu*	Tipu Tree	M	24" BOX

MASTER PLANT SCHEDULE

SYMBOL	QTY	*LATIN NAME*	COMMON NAME	WUCOLS	SIZE
GROUND COVER					
	3,820 SF	*Hybrid Bermudagrass*	"Tifway II Bermuda" by West Coast Turf, Palm Desert, CA, westcoastturf.com, (760) 340-7300 or approved equal.	H	SOD
	3,255 SF	Mulch	Install per notes #7-8, this sheet	N/A	N/A

SLEEVE SIZING LEGEND

PIPE SIZE	SLEEVE SIZE
3/4"	2" SCH. 40 PVC
1"	
1-1/4"	3" SCH. 40 PVC
1-1/2"	
2"	4" CLASS 315
2-1/2"	6" CLASS 315
3"	
4"	
WIRE	2" CLASS 315 4" CLASS 315

LATERAL PIPE SIZING

GPM	SIZE	SIZE IN TURF
1-8	3/4"	1"
8-12	1"	1"
12-22	1 1/4"	1 1/4"
22-30	1 1/2"	1 1/2"
30+	2"	2"

IRRIGATION SCHEDULE

SYMBOL	DESCRIPTION	MANUFACTURER	MODEL			GPM	PSI	DETAIL / SHEET
ROTORS			*SERIES*	*NOZZLE MODEL*	*BODY MODEL*			
	ROTOR - PGJ-F 16' RADIUS	Hunter Industries(R)	PGJ 06in Pop-Up	PGJ-06-0.50-V		0.50	20 - 100	B/LP-2.01
	ROTOR - PGJ-H 16' RADIUS	Hunter Industries(R)	PGJ 06in Pop-Up	PGJ-06-0.50-V	1802	0.50	20 - 100	B/LP-2.01
	ROTOR - PGJ-Q 16' RADIUS	Hunter Industries(R)	PGJ 06in Pop-Up	PGJ-06-0.50-V	1802	0.50	20 - 100	B/LP-2.01
VALVES			*SERIES*	*MODEL*	*NOTES*			
	REMOTE CONTROL VALVE	Rain Bird(R)	PESB-R Series	100-PESB-R	HZ1	0.25 - 200	20 - 200	D/LP-2.01
	GATE VALVE	Nibco	Gate Valve	T-113		0.25 - 30	10 - 150	C / LP-2.01
PIPE			*TYPE*	*NOTES*				
	MAIN LINE	WESTERN LASCO	PVC Schedule 40	LINE SIZE OF EXISTING MAINLINE				E / LP-2.01
	LATERAL	WESTERN LASCO	PVC Schedule 40	SIZE PER PLAN				E / LP-2.01
	SLEEVES	WESTERN LASCO	PVC Sch. 40 or Class 315	REFER TO SLEEVE SIZING LEGEND (1)				E / LP-2.01
POINT OF CONNECTION			*MODEL*	*NOTES*				
	BACKFLOW PREVENTER	ZURN WILKINS	975XL	SIZE NEW BACKFLOW TO EXISTING SIZE				F / LP-2.01
MISCELLANEOUS								
PB	PULL BOX	NA	PER DETAIL					G / LP-2.01

***CONTRACTOR TO INSTALL MANUFACTURER LISTED EQUIPMENT OR APPROVED EQUAL*

Roesling Nakamura Terada Architects
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Ventura, CA 93001
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Landscape Architecture · Urban Design · Environmental Planning
461 East Main Street, Ventura, CA 93001
805.644.9697 www.pc-ld.com

LICENSED LANDSCAPE ARCHITECT
MICHAEL ZITELSDORF
#6044
Signature
10/31/25
Renewal Date
12/05/24
Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

JUNIPERO SERRA ELEMENTARY PLAYGROUNDS E9-24

8880 HALIFAX ST,
VENTURA, CA 93004

CONSTRUCTION DOCUMENTS

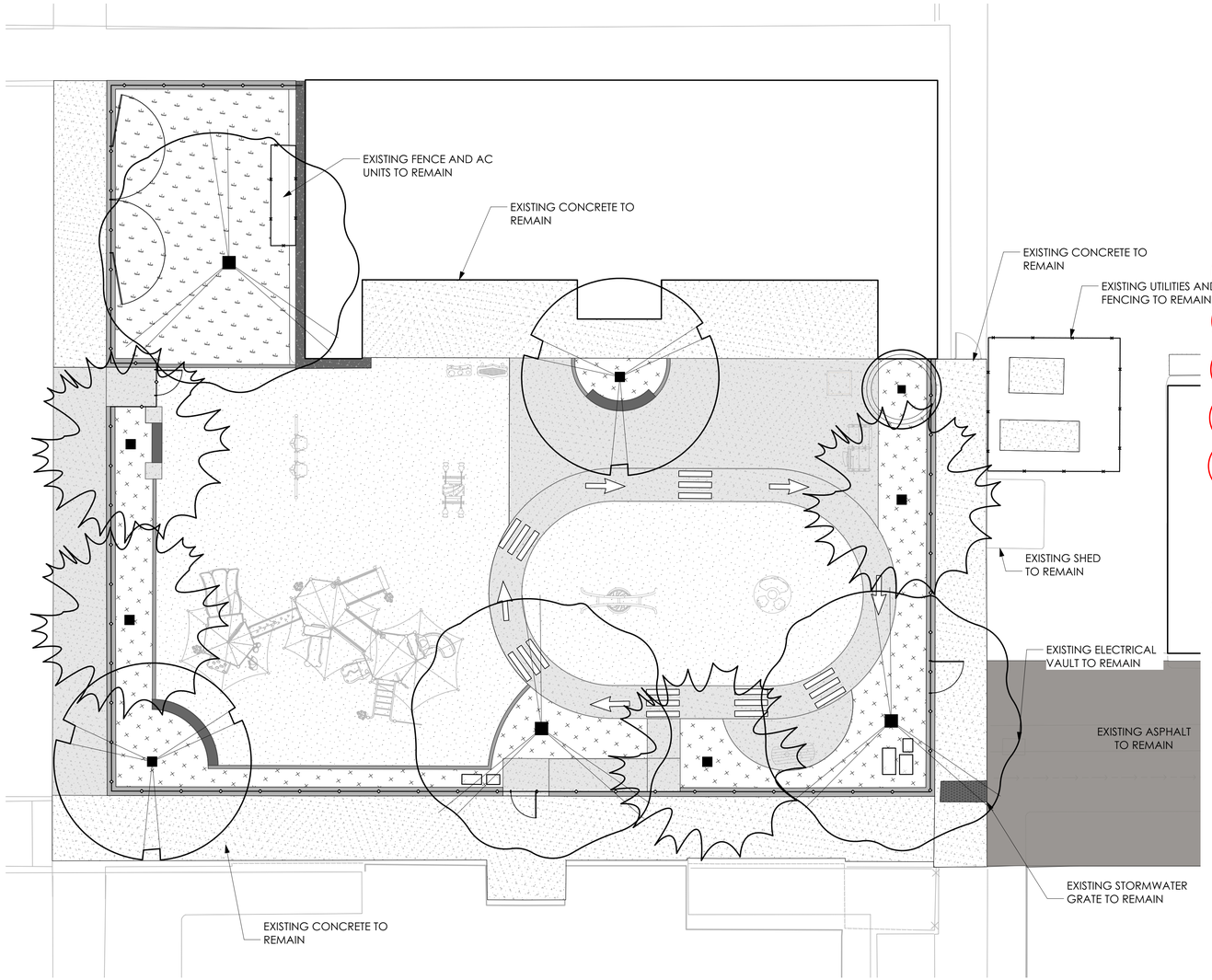
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Sheet Name

LANDSCAPE NOTES & SCHEDULES

	23-034
Date	12/17/2024
Drawn by	EEB
Checked by	BM, MZ
Sheet Number	LP-0.01

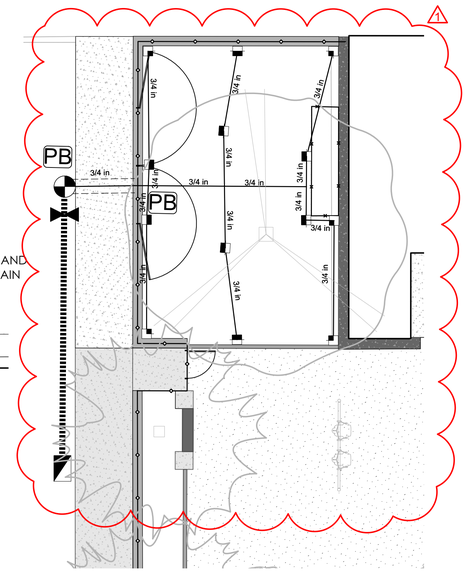
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Junipero Serra Playground (TK-K) - Planting Plan

Scale: 1" = 10'-0"

0 10 20 30 FT N



Junipero Serra Playground (TK-K) - Irrigation Plan

Scale: 1" = 10'-0"

0 10 20 30 FT N

IRRIGATION SCHEDULE (THIS SHEET)

SYMBOL	DESCRIPTION
ROTORS	
	ROTOR - PGJ-F 16' RADIUS
	ROTOR - PGJ-H 16' RADIUS
	ROTOR - PGJ-Q 16' RADIUS
VALVES	
	REMOTE CONTROL VALVE
	GATE VALVE
PIPE	
	LATERAL
	MAIN LINE
	SLEEVES
POINT OF CONNECTION	
	BACKFLOW PREVENTER
MISCELLANEOUS	
PB	PULL BOX

***SEE SHEET LP-0.01 FOR COMPLETE IRRIGATION SCHEDULE*

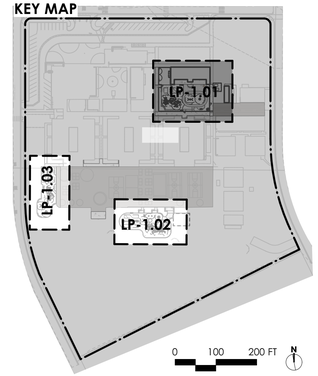
PLANT SCHEDULE (THIS SHEET)

SYMBOL	LATIN NAME	SIZE
TREES		
	Platanus racemosa 'Roberts'	24" BOX
	Chilopsis linearis 'Regal'	24" BOX
	Pistacia x 'Red Push'	24" BOX
	Tipuana tipu	24" BOX
	Michelia doltsopa	24" BOX
	Searsia lancea	24" BOX
	Cercis occidentalis	24" BOX
GROUNDCOVERS AND TURF		
	Hybrid Bermudagrass	SOD
	Mulch	N/A

PLANTING NOTES

1. SEE SHEET LP-0.01 FOR DETAILED PLANTING SCHEDULES AND NOTES.

KEY MAP



Roesling Nakamura Terada Architects
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LICENSED LANDSCAPE ARCHITECT
MICHAEL ZIELSDORF
#6044
Signature
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Date
STATE OF CALIFORNIA

VENTURA UNIFIED SCHOOL DISTRICT

JUNIPERO SERRA ELEMENTARY PLAYGROUNDS E9-24

8880 HALIFAX ST, VENTURA, CA 93004

CONSTRUCTION DOCUMENTS

No.	Description	Date
1	BID ADD 01	12/19/2024

Sheet Name

PLANTING AND IRRIGATION PLANS

23-034

Date 12/17/2024

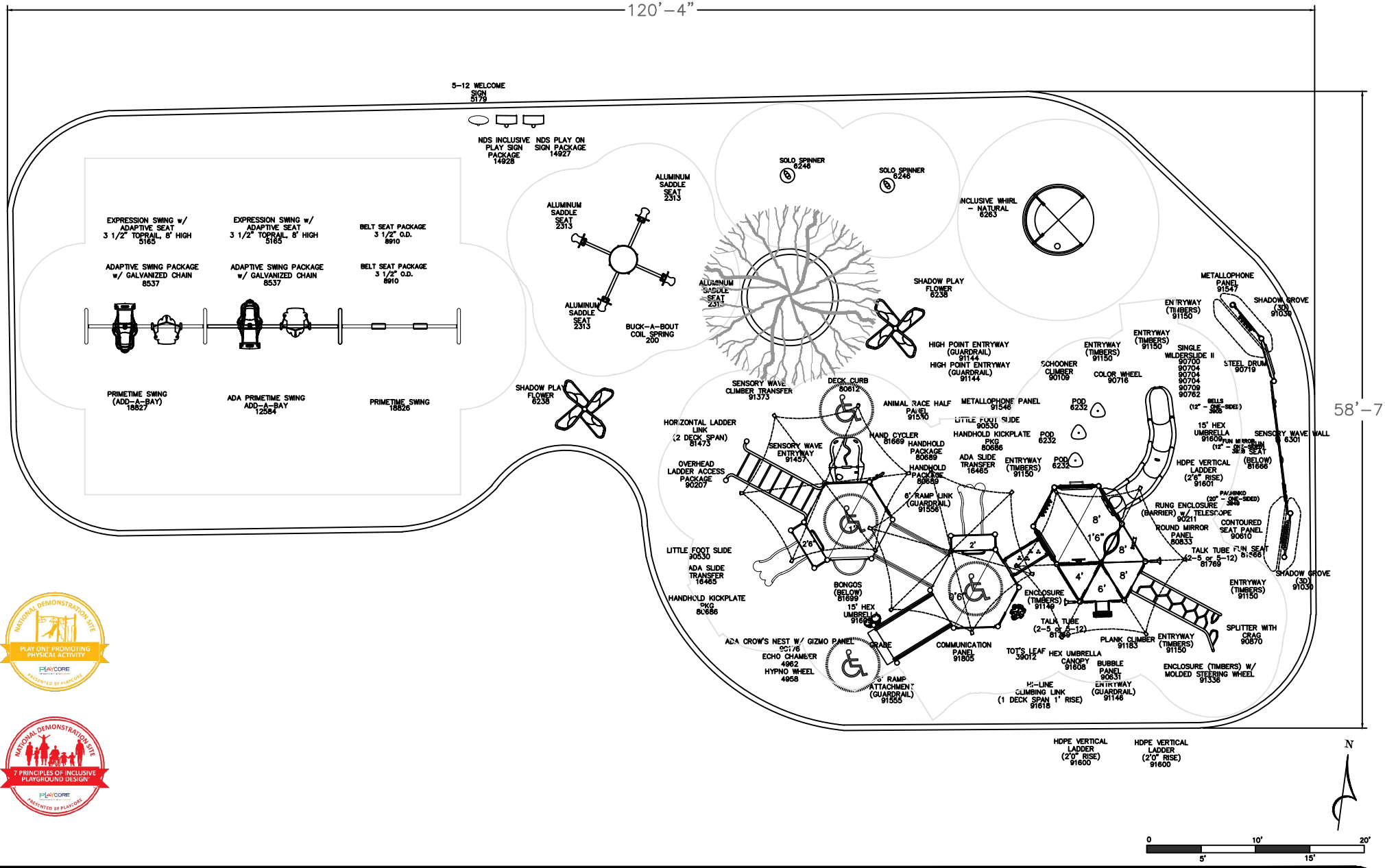
Drawn by EEB

Checked by BM, MZ

Sheet Number

LP-1.01

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NATIONAL DEMONSTRATION SITE
PLAY ON! PROMOTING PHYSICAL ACTIVITY
PLAYCORE
PRESENTED BY PLAYCORE

NATIONAL DEMONSTRATION SITE
7 PRINCIPLES OF INCLUSIVE PLAYGROUND DESIGN
PLAYCORE
PRESENTED BY PLAYCORE

GREAT WESTERN RECREATION

ISO 9001 CERTIFIED

Great Western Bid
Junipero Serra Elementary Playgrou
Ventura, CA
Representative
Great Western

SALES REP
TYLER KYRIOPOULOS
435-760-5103
TYLER@GWPARK.COM

Total Elevated Play Components	19		
Total Elevated Play Components Accessible By Ramp	8	Required	5
Total Elevated Components Accessible By Transfer	11	Required	5
Total Accessible Ground Level Components Shown	24	Required	6
Total Different Types Of Ground Level Components	7	Required	3

This play equipment is recommended for children ages 5 - 12

Minimum Area Required: -

Scale: -

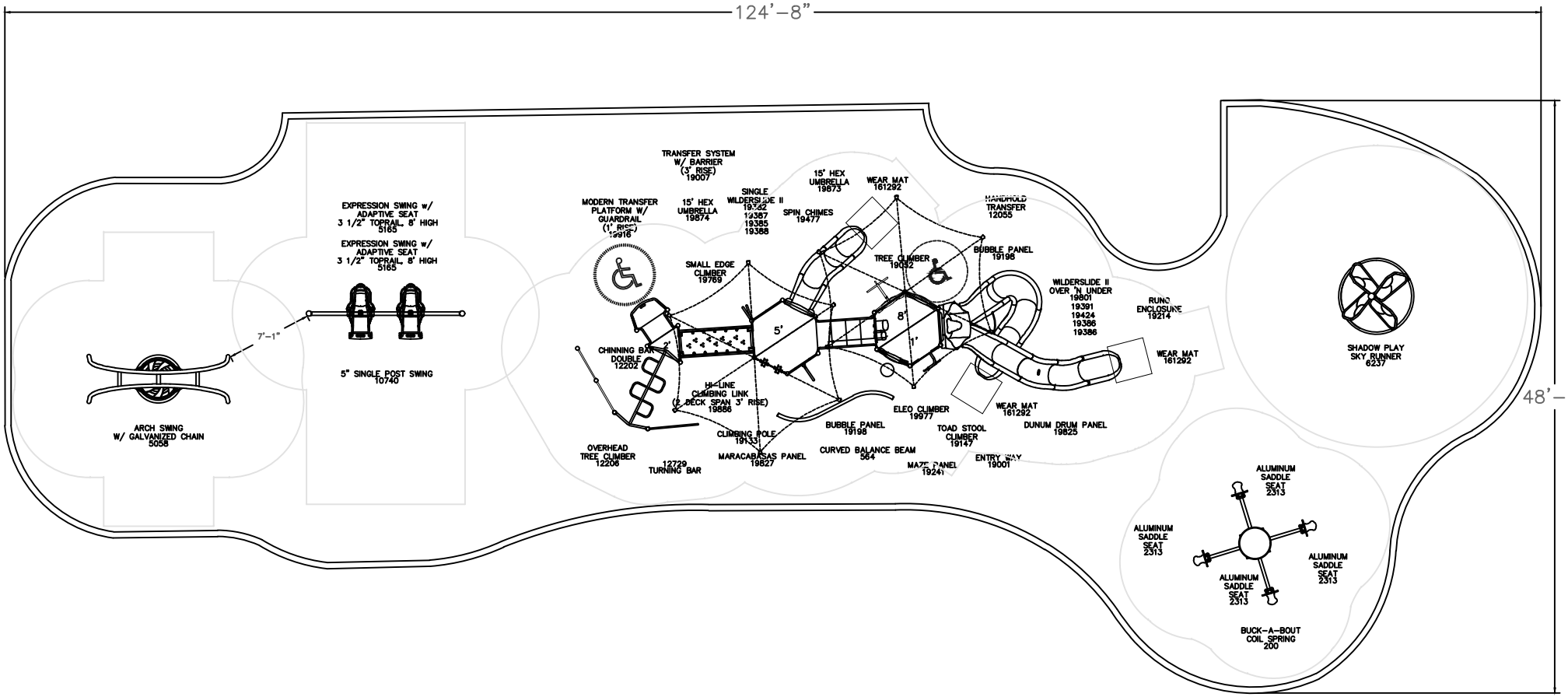
This drawing can be scaled only when in an 18" x 24" format

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

Drawn By: BR

Date: 10/4/2024

Drawing Name: 110673-01-Opt 5 1-3 G



GREAT WESTERN RECREATION

ISO 9001 CERTIFIED

Great Western Bid
Junipero Serra Elementary Playgrou
Ventura, CA
Representative
Great Western

SALES REP
TYLER KYRIOPOULOS
435-760-5103
TYLER@GWPARK.COM

Total Elevated Play Components	15		
Total Elevated Play Components Accessible By Ramp	-	Required	-
Total Elevated Components Accessible By Transfer	15	Required	8
Total Accessible Ground Level Components Shown	8	Required	5
Total Different Types Of Ground Level Components	5	Required	3

This play equipment is recommended for children ages
5-12

Minimum Area Required:
-

Scale: -

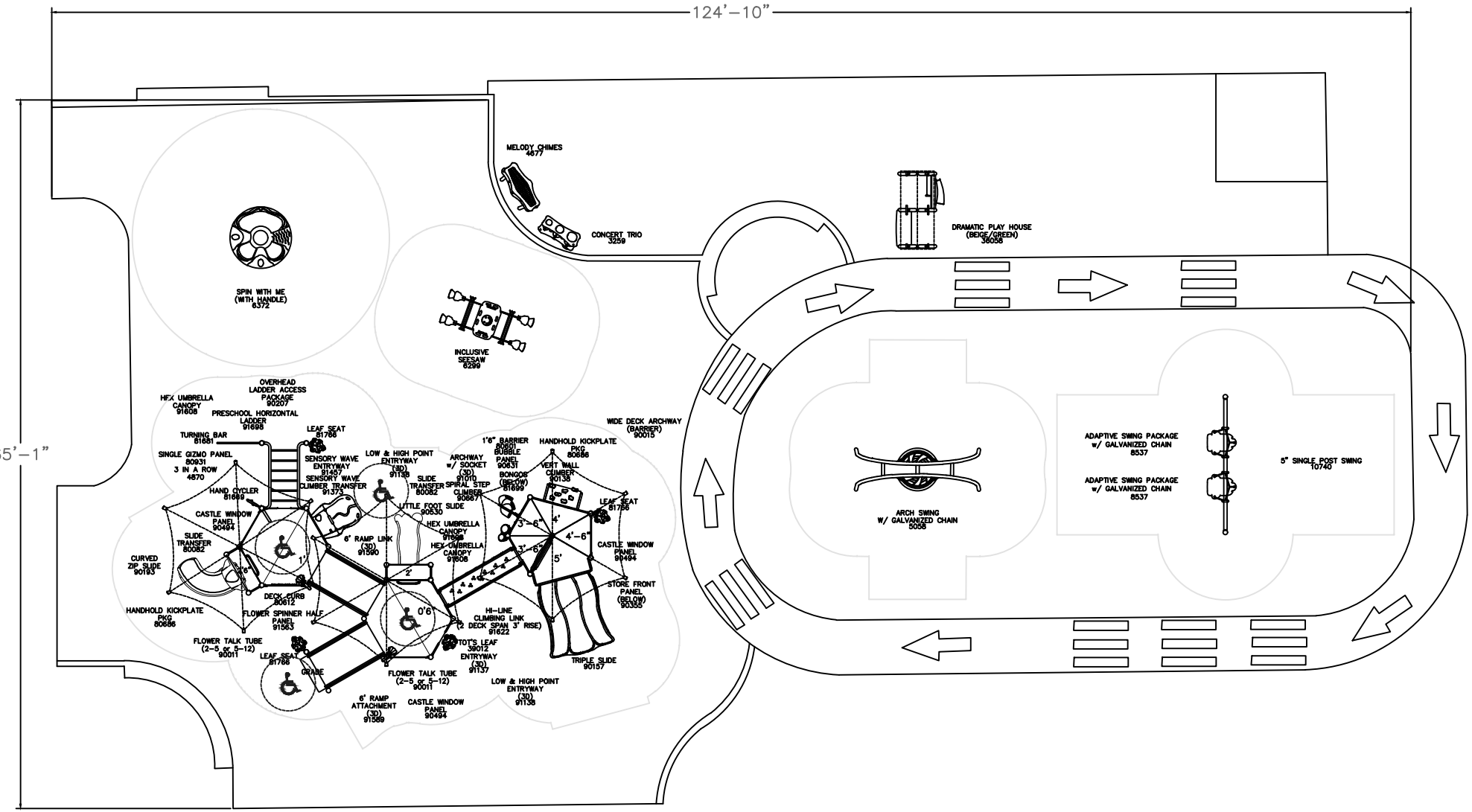
This drawing can be scaled only when in an 18" x 24" format

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

Drawn By:
BR

Date:
10/4/2024

Drawing Name:
110673-01-Opt 5 4-5 G



GREAT WESTERN RECREATION

ISO 9001 CERTIFIED

Great Western Bid
Junipero Serra Elementary Playgrou
Ventura, CA
Representative
Great Western

SALES REP
TYLER KYRIOPOULOS
435-760-5103
TYLER@GWPARK.COM

Total Elevated Play Components	15		
Total Elevated Play Components Accessible By Ramp	10	Required	4
Total Elevated Components Accessible By Transfer	15	Required	4
Total Accessible Ground Level Components Shown	9	Required	5
Total Different Types Of Ground Level Components	6	Required	3

This play equipment is recommended for children ages
2-5

Minimum Area Required:
-

Scale: -

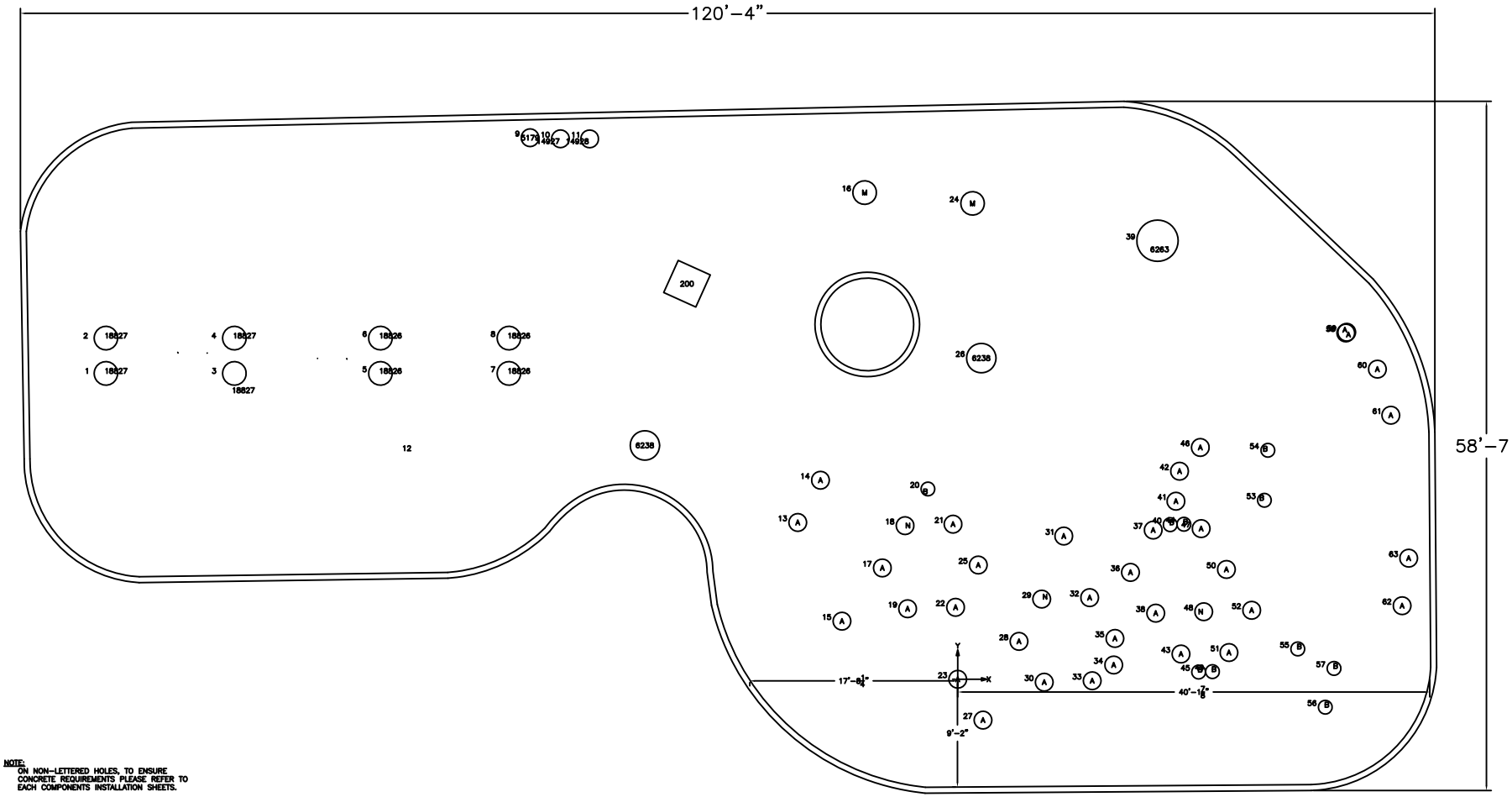
This drawing can be scaled only when in an 18" x 24" format

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

Drawn By:
BR

Date:
9/26/2024

Drawing Name:
11067-01-Opt 4 TK-K G



FOOTINGS ORDINATE TABLE			
HOLE	X	Y	DIAG
1	-72'-5 1/2"	26'-0"	77'-0"
2	-72'-5 1/2"	29'-0"	76'-0 1/2"
3	-61'-6 1/2"	26'-0"	66'-10"
4	-61'-6 1/2"	29'-0"	65'-0 1/2"
5	-49'-1 1/2"	26'-0"	55'-7"
6	-49'-1 1/2"	25'-0"	57'-0 1/2"
7	-38'-2"	26'-0"	46'-2 1/2"
8	-38'-2"	29'-0"	47'-11 1/2"
9	-36'-4 1/2"	46'-0 1/2"	58'-8 1/2"
10	-33'-9 1/2"	45'-11 1/2"	57'-0 1/2"
11	-31'-4"	45'-11 1/2"	55'-7 1/2"
12	-26'-7 1/2"	19'-10 1/2"	33'-2 1/2"
13	-13'-7 1/2"	13'-4"	19'-0 1/2"
14	-11'-8"	16'-11"	20'-7"
15	-9'-10"	4'-11 1/2"	11'-0 1/2"
16	-7'-11"	41'-5"	42'-2"
17	-6'-5"	9'-5 1/2"	11'-5 1/2"
18	-4'-6"	13'-1"	13'-10"
19	-4'-3"	8'-0"	7'-4 1/2"
20	-2'-8 1/2"	16'-2"	16'-4 1/2"
21	-0'-5"	13'-2 1/2"	13'-2 1/2"
22	-0'-2"	6'-1 1/2"	6'-1 1/2"
23	0'-0"	0'-0"	0'-0"
24	1'-3"	40'-5 1/2"	40'-8"
25	1'-8"	9'-8 1/2"	9'-10 1/2"
26	2'-0"	27'-4"	27'-4 1/2"
27	2'-2"	-3'-5 1/2"	4'-1"
28	5'-2 1/2"	3'-2 1/2"	6'-1 1/2"
29	7'-1 1/2"	6'-10"	9'-10 1/2"
30	7'-4 1/2"	-0'-3"	7'-4 1/2"
31	9'-0"	12'-2"	15'-2"
32	11'-2 1/2"	6'-11 1/2"	13'-2 1/2"
33	11'-5 1/2"	-0'-1 1/2"	11'-5 1/2"
34	13'-3"	1'-2 1/2"	13'-4"
35	13'-4 1/2"	3'-5 1/2"	13'-10"
36	14'-5 1/2"	9'-1"	17'-3 1/2"
37	16'-7 1/2"	12'-8 1/2"	20'-11"
38	16'-10"	5'-7 1/2"	17'-9"
39	17'-0"	37'-3 1/2"	41'-0"
40	18'-1"	13'-2"	22'-4"
41	18'-6 1/2"	15'-2"	23'-11 1/2"
42	18'-10 1/2"	17'-8 1/2"	25'-10 1/2"
43	19'-0"	2'-2"	19'-1 1/2"
44	19'-3"	13'-2"	23'-4"
45	20'-6"	0'-7 1/2"	20'-6"
46	20'-7 1/2"	19'-8 1/2"	28'-6 1/2"
47	20'-8 1/2"	12'-10"	24'-4"
48	20'-11"	5'-9"	21'-8 1/2"
49	21'-8"	0'-8"	21'-8"
50	22'-10 1/2"	9'-4"	24'-8 1/2"
51	23'-1"	2'-3 1/2"	23'-2"
52	25'-0"	5'-10 1/2"	25'-8"
53	26'-1"	15'-2 1/2"	30'-2 1/2"
54	26'-4 1/2"	19'-5 1/2"	32'-9 1/2"
55	28'-11"	2'-7"	29'-0 1/2"
56	31'-3"	-2'-4 1/2"	31'-4 1/2"
57	32'-0"	0'-11"	32'-0 1/2"
58	33'-0"	29'-5 1/2"	44'-3"
59	33'-1"	29'-8"	44'-4"
60	35'-8 1/2"	26'-4 1/2"	44'-4 1/2"
61	36'-10"	22'-5 1/2"	43'-2"
62	37'-9 1/2"	8'-3"	38'-4"
63	38'-4 1/2"	10'-3 1/2"	39'-8 1/2"

* IN GROUND 91708 EXTENSION REQUIRED

FOOTINGS TABLE			
TYPE	DIAMETER/SIDE	DEPTH*	QTY.
A	1'-6" (45.72cm)	2'-6" (76.20cm)	33
B	1'-2" (35.56cm)	2'-6" (76.20cm)	10
M	2'-0" (60.96cm)	3'-6" (106.68cm)	2
N	1'-6" (45.72cm)	3'-6" (106.68cm)	3

*DEPTH IS MEASURED FROM FINISHED GRADE

NOTE:
ON NON-LETTERED HOLES, TO ENSURE CONCRETE REQUIREMENTS PLEASE REFER TO EACH COMPONENTS INSTALLATION SHEETS.

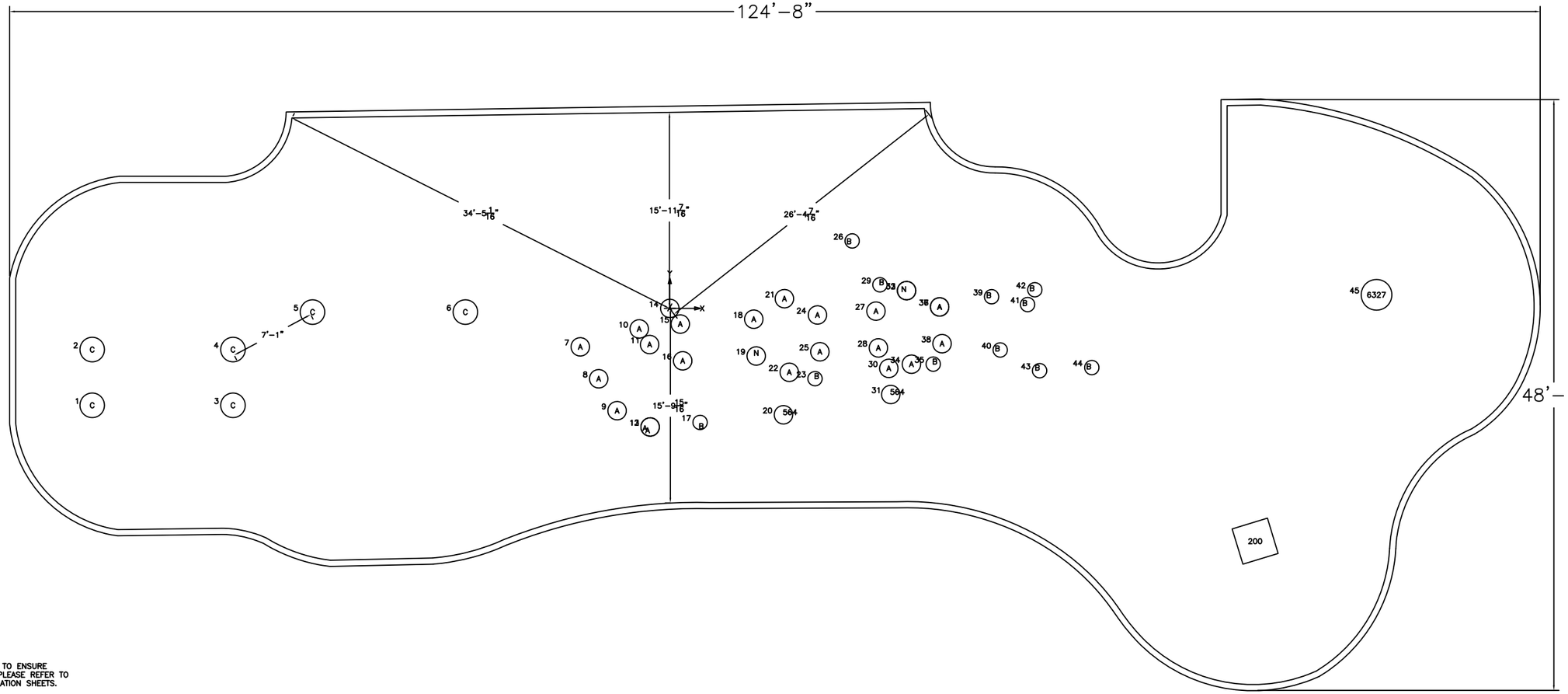
FOOTINGS ORDINATE TABLE			
HOLE	X	Y	DIAG
1	-47'-0 1/2"	-7'-10 1/2"	47'-8 1/2"
2	-47'-0 1/2"	-3'-4"	47'-2"
3	-35'-7"	-7'-10 1/2"	36'-5"
4	-35'-7"	-3'-4"	35'-9"
5	-29'-1"	-0'-3 1/2"	29'-1"
6	-16'-8"	-0'-3 1/2"	16'-8"
7	-7'-3 1/2"	-3'-1 1/2"	7'-11"
8	-5'-9 1/2"	-5'-8 1/2"	8'-1 1/2"
9	-4'-3 1/2"	-8'-4"	9'-4 1/2"
10	-2'-6"	-1'-8"	3'-0"
11	-1'-7 1/2"	-2'-11 1/2"	3'-4 1/2"
12	-1'-7"	-9'-8"	9'-9 1/2"
13	-1'-7"	-9'-8"	9'-9 1/2"
14	0'-0"	0'-0"	0'-0"
15	0'-10"	-1'-3 1/2"	1'-6 1/2"
16	1'-0 1/2"	-4'-3"	4'-4 1/2"
17	2'-5 1/2"	-9'-3 1/2"	9'-7"
18	6'-10"	-0'-10 1/2"	6'-10 1/2"
19	7'-0 1/2"	-3'-10 1/2"	8'-0 1/2"
20	9'-3"	-8'-8"	12'-8"
21	9'-4"	0'-9 1/2"	9'-4 1/2"
22	9'-8 1/2"	-5'-2 1/2"	11'-0 1/2"
23	11'-10"	-5'-8 1/2"	13'-1 1/2"
24	12'-0 1/2"	-0'-6 1/2"	12'-0 1/2"
25	12'-2 1/2"	-3'-6 1/2"	12'-8 1/2"
26	14'-10"	5'-6"	15'-10"
27	16'-9 1/2"	-0'-2 1/2"	16'-9 1/2"
28	17'-0"	-3'-2 1/2"	17'-3 1/2"
29	17'-1 1/2"	1'-11"	17'-2 1/2"
30	17'-10"	-4'-10 1/2"	18'-6"
31	18'-0"	-7'-0"	19'-3 1/2"
32	19'-3 1/2"	1'-5 1/2"	19'-4"
33	19'-3 1/2"	1'-5 1/2"	19'-4"
34	19'-8"	-4'-6 1/2"	20'-2 1/2"
35	21'-5 1/2"	-4'-6 1/2"	21'-11"
36	21'-11 1/2"	0'-1 1/2"	21'-11 1/2"
37	21'-11 1/2"	0'-1 1/2"	21'-11 1/2"
38	22'-2"	-2'-10 1/2"	22'-4"
39	26'-2 1/2"	0'-11 1/2"	26'-2 1/2"
40	26'-11"	-3'-4 1/2"	27'-1 1/2"
41	29'-1 1/2"	0'-4"	29'-1 1/2"
42	29'-8 1/2"	1'-6"	29'-9"
43	30'-1 1/2"	-5'-1"	30'-6 1/2"
44	34'-4 1/2"	-4'-10"	34'-8 1/2"
45	57'-6 1/2"	1'-1 1/2"	57'-6 1/2"

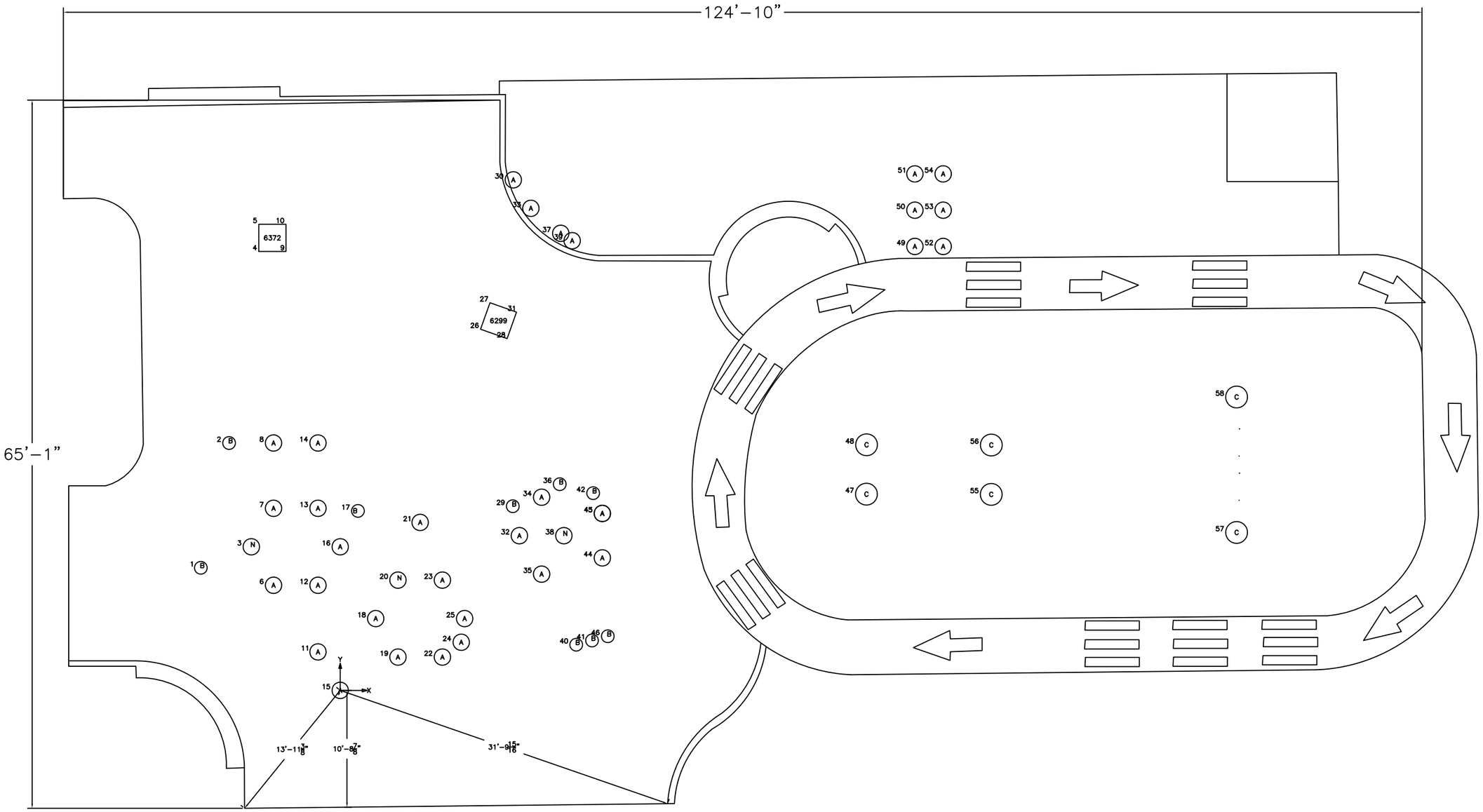
* IN GROUND 9170B EXTENSION REQUIRED

FOOTINGS TABLE			
TYPE	DIAMETER/SIDE	DEPTH*	QTY.
A	1'-6" [45.72cm]	2'-6" [76.20cm]	22
B	1'-2" [35.56cm]	2'-6" [76.20cm]	11
C	2'-0" [60.96cm]	4'-0" [121.92cm]	6
N	1'-6" [45.72cm]	3'-6" [106.68cm]	2

*DEPTH IS MEASURED FROM FINISHED GRADE

NOTE:
ON NON-LETTERED HOLES, TO ENSURE CONCRETE REQUIREMENTS PLEASE REFER TO EACH COMPONENTS INSTALLATION SHEETS.





FOOTINGS ORDINATE TABLE			
HOLE	X	Y	DIAG
1	–12'–9 1/2"	11'–3"	17'–0 1/2"
2	–10'–2 1/2"	22'–9"	24'–11"
3	–8'–2"	13'–2 1/2"	15'–6"
4	–7'–5 1/2"	40'–4"	41'–0 1/2"
5	–7'–5 1/2"	42'–10"	43'–6"
6	–6'–1 1/2"	9'–8"	11'–5 1/2"
7	–6'–1 1/2"	16'–9"	17'–10"
8	–6'–1 1/2"	22'–9"	23'–6 1/2"
9	–4'–11 1/2"	40'–4"	40'–7 1/2"
10	–4'–11 1/2"	42'–10"	43'–1 1/2"
11	–2'–0 1/2"	3'–6 1/2"	4'–1"
12	–2'–0 1/2"	9'–8"	9'–10 1/2"
13	–2'–0 1/2"	16'–9"	16'–10 1/2"
14	–2'–0 1/2"	22'–9"	22'–10"
15	0'–0"	0'–0"	0'–0"
16	0'–0"	13'–2 1/2"	13'–2 1/2"
17	1'–7 1/2"	16'–6"	16'–7"
18	3'–3"	6'–7"	7'–4 1/2"
19	5'–3 1/2"	3'–0 1/2"	6'–1 1/2"
20	5'–3 1/2"	10'–1 1/2"	11'–5 1/2"
21	7'–4"	15'–5"	17'–1"
22	9'–4 1/2"	3'–0 1/2"	9'–10 1/2"
23	9'–4 1/2"	10'–1 1/2"	13'–10"
24	11'–1 1/2"	4'–5"	11'–11 1/2"
25	11'–5"	6'–7"	13'–2 1/2"
26	12'–10 1/2"	33'–2 1/2"	35'–7 1/2"
27	13'–9"	35'–7 1/2"	38'–2 1/2"
28	15'–4"	32'–4"	35'–9 1/2"
29	15'–10"	16'–11"	23'–2 1/2"
30	15'–11"	46'–11"	49'–6 1/2"
31	16'–2 1/2"	34'–9"	38'–4"
32	16'–5 1/2"	14'–2 1/2"	21'–9"
33	17'–6"	44'–3 1/2"	47'–7 1/2"
34	18'–6"	17'–9"	25'–7 1/2"
35	18'–6"	10'–8"	21'–4 1/2"
36	20'–2"	18'–11 1/2"	27'–8"
37	20'–3"	42'–0"	46'–2 1/2"
38	20'–6 1/2"	14'–2 1/2"	25'–0"
39	21'–3 1/2"	41'–4"	46'–6"
40	21'–8"	4'–2 1/2"	22'–1"
41	23'–1 1/2"	4'–7"	23'–7"
42	23'–3"	18'–1 1/2"	29'–5 1/2"
43	24'–1"	16'–3"	29'–0 1/2"
44	24'–1"	12'–2"	27'–0"
45	24'–1"	16'–3"	29'–0 1/2"
46	24'–7"	4'–11 1/2"	25'–1"
47	48'–4"	18'–0 1/2"	51'–7"
48	48'–4"	22'–7"	53'–4 1/2"
49	52'–9 1/2"	40'–9 1/2"	66'–8 1/2"
50	52'–9 1/2"	44'–1 1/2"	68'–9 1/2"
51	52'–9 1/2"	47'–5 1/2"	71'–0"
52	55'–4 1/2"	40'–9 1/2"	68'–9 1/2"
53	55'–4 1/2"	44'–1 1/2"	70'–10"
54	55'–4 1/2"	47'–5 1/2"	72'–11 1/2"
55	59'–9 1/2"	18'–0"	62'–5 1/2"
56	59'–10"	22'–6 1/2"	63'–11"
57	82'–4"	14'–6"	83'–7 1/2"
58	82'–4"	26'–11 1/2"	86'–8"
* IN GROUND 91708 EXTENSION REQUIRED			

FOOTINGS TABLE			
TYPE	DIAMETER/SIDE	DEPTH*	QTY.
A	1'–6" [45.72cm]	2'–6" [76.20cm]	31
B	1'–2" [35.56cm]	2'–6" [76.20cm]	9
C	2'–0" [60.96cm]	4'–0" [121.92cm]	6
N	1'–6" [45.72cm]	3'–6" [106.68cm]	3
*DEPTH IS MEASURED FROM FINISHED GRADE			

NOTE:
ON NON–LETTERED HOLES, TO ENSURE CONCRETE REQUIREMENTS PLEASE REFER TO EACH COMPONENTS INSTALLATION SHEETS.

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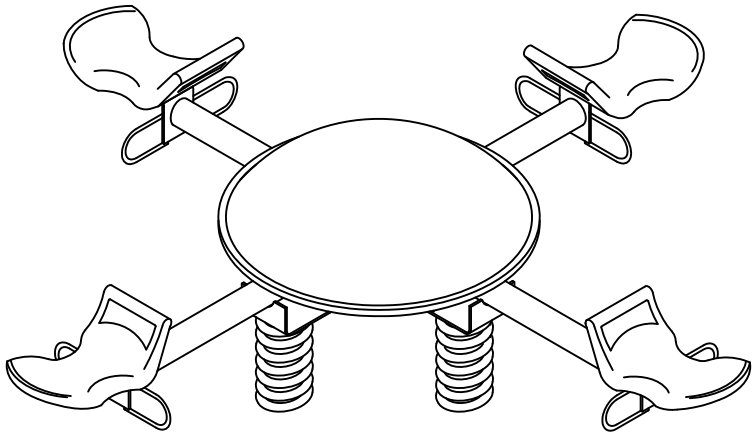
200
BUCK-A-BOUT

ISSUED/REVISED: 6/30/23

⬡ = INSTALLATION DETAIL

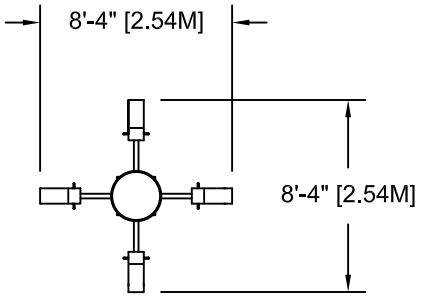
◯ = PARTS LIST REFERENCE





2313 Seats Ordered Seperately

•THIS PRODUCT 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 PRODUCT TO COMPLY WITH ASTM F1292 AND ASTM F-1487 (U.S.) OR CAN/CSA-614 (CANADA). USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) FOR THIS PRODUCT SHALL EXTEND TO 13'-8" [4.1 M] DIAMETER MINIMUM.
•FOR CANADIAN INSTALLATIONS ONLY. AN ADDITIONAL 1.8 M LONG NO ENCROACHMENT ZONE IS REQUIRED BEYOND THE PROTECTIVE SURFACING ZONE OF SLIDES, SPACE SHUTTLES AND OTHER PLAY EQUIPMENT CAUSING THE USER TO BE PROPELLED FORWARD.



TOP VIEW

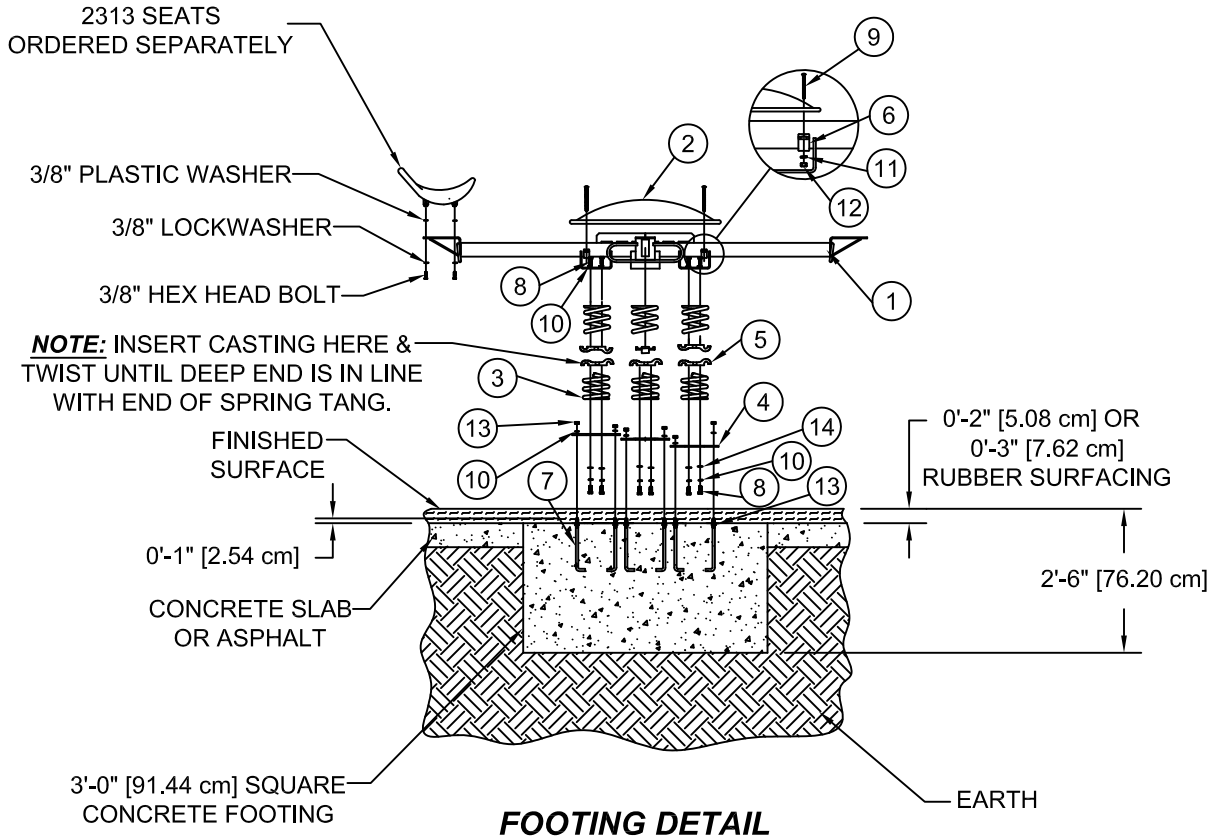
SPECIFICATIONS

FRAME: Cross Bars shall be fabricated of 2-7/8" O.D. galvanized pipe. Top plates shall be fabricated of 1/4" x 4" H.R. steel plate. Footbuck shall be fabricated of 1/2" diameter rod. Spring mount brackets shall be fabricated of 1/4" x 6" H.R. steel. Dome shall be fabricated of 14 gauge H.R. steel, 2'-7-1/2" [80.01 cm] diameter with 3/4" O.D. rolled edge. All shall be electric welded to form frame assembly. Dome will bolt to frame assembly.
BASE PLATES: Shall be fabricated of 1/4" x 6" x 10" H.R. steel and precision drilled to receive 1/2" spring mount bolts and anchor bolts.
SPRING MOUNT CASTING: Shall be high strength type 32510 malleable iron.
SADDLEMATES: Shall be cast in one piece from aluminum. The nominal wall thickness of the saddlemates shall be 1/4" thick. A 1-1/16" diameter aluminum rod shall extend through the saddlemate to provide a handhold. Handhold shall be capped with a 3-3/16" O.D. aluminum guard casting.
SEATS: Cast aluminum with handhold molded to seat to form a one piece seat.
FINISH: Powder coating. Animals shall be painted and decorated bright permacryl colors.

GENERAL: Buck-A-Bout shall be supported on four springs. Spring shall be attached to base plate and spring mount plate with malleable iron castings. No welding shall be done on springs.
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.

STOP IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS STOP

❑ 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.
❑ Regular checking of all parts, castings, etc., should be made. If a part is broken or worn it should be replaced immediately.
❑ A soft, resilient surface should be placed under all climbers, extending at least six feet in all directions surrounding the equipment. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.



FOOTING DETAIL

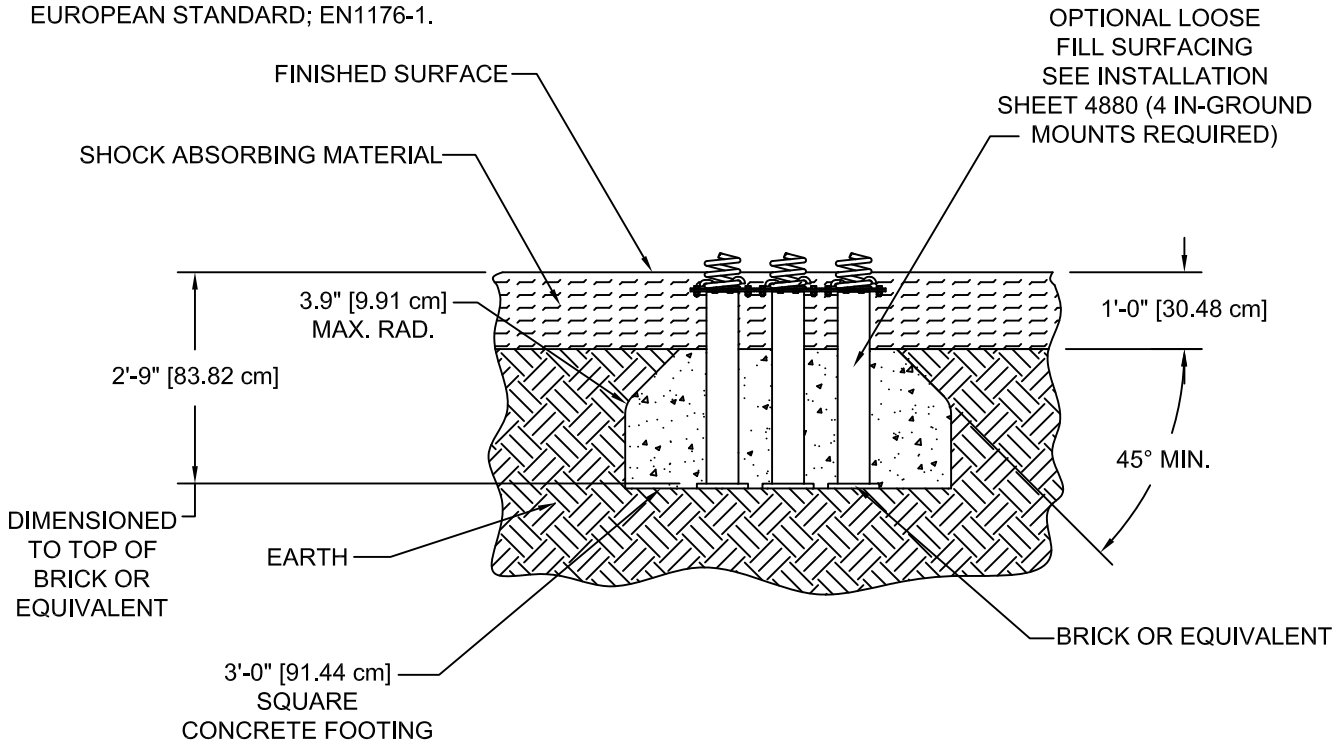
Rubber Surfacing
(Corner View)

NOTES:

- 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.
- SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI.
- HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE GROUND DETAIL. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.
- NO MORE THAN TWO THREADS MAY EXTEND PAST NUT ON COMPLETED ASSEMBLY. IF MORE THAN TWO THREADS ARE SHOWING CUT END OFF BOLT AND TREAT TO PREVENT CORROSION.

Concrete Requirement
for Rubber Surfacing
.75 Cubic Yards
[.57 Cubic Meters]

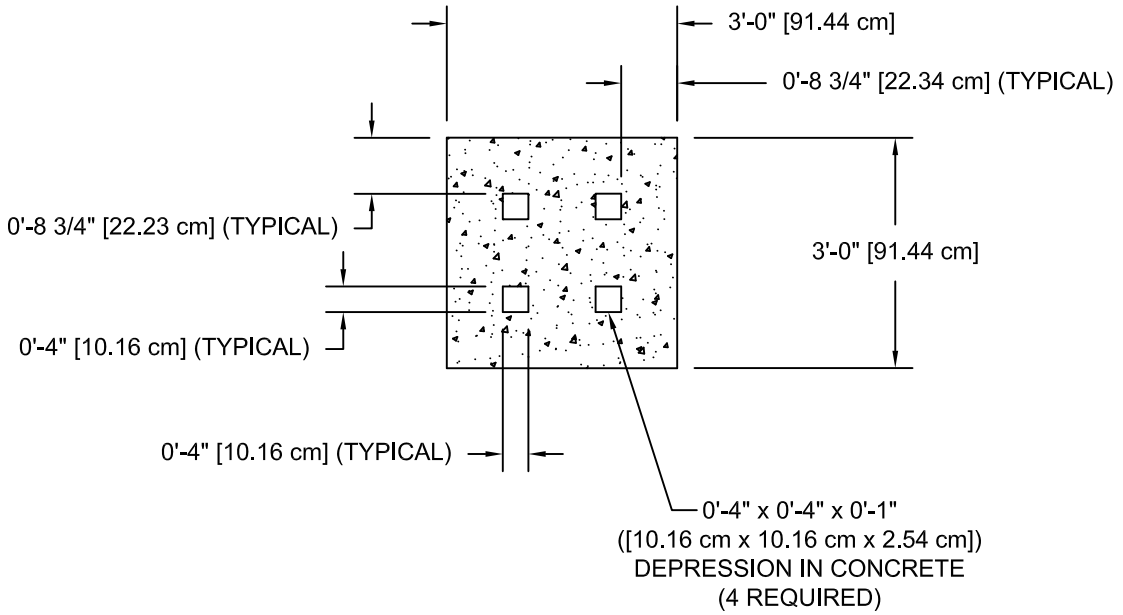
NOTE:
SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD; EN1176-1.



ALTERNATE FOOTING

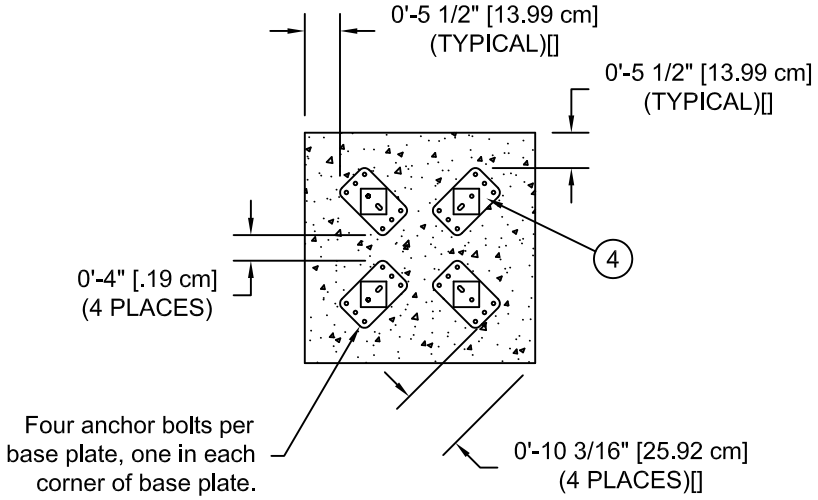
FOR LOOSE FILL SURFACING
(CORNER VIEW)

CONCRETE REQUIREMENT
FOR LOOSE FILL SURFACING
.58 CUBIC YARDS
[.45 CUBIC METERS]



DETAIL 'A'

HOLE LOCATIONS
FOR SPRING BOLTS



DETAIL 'B'

LOCATION FOR
BASE PLATES

SET UP INSTRUCTIONS

NOTE: THIS SPECIFICATION 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.
STEP 1: Dig hole 3'-0" [91.44 cm] square x 2'-6" [76.20 cm] deep and fill with concrete. Note: Check footing detail for correct shape.
NOTE: After installation, the seat area height should be between 1'-2" [35.56 cm] and 2'-4" [71.12 cm] above the protective surfacing.
STEP 2: Attach anchor bolts to base plates. Four anchor bolts per base plate, one in each corner of base plate. Make indentations in concrete for spring bolts. See Detail 'A'. Set base plates in concrete when concrete has set long enough to support base plate. Level and wait 48 hours before proceeding.
STEP 3: After concrete has hardened, remove base plate. Place frame assembly upside down on the ground. Fasten springs to frame assembly using 1/2" x 1-1/4" hex head bolts and lockwashers then fasten base plates to springs using 1/2" x 1-1/4" hex head bolts (fine thread), lockwasher, flatwasher and spring castings. Do not tighten bolt until all springs and base plates are secured.
STEP 4: Turn assembly over and secure to anchor bolts. Fasten dome to frame using clamps and 3/8" x 4 1/2" carriage bolts, nut and lockwasher.
STEP 5: (FOR SADDLE SEATS) Fasten seat to frame using 3/8" hex head bolts, lockwashers and plastic washers. **VERY IMPORTANT.** Place the 4 special plastic washers between bottom of seat and plate of Frame Assembly.
STEP 5: (FOR SADDLEMATES) Refer to set-up instructions under Saddlemate spec sheet.
NOTE: Loctite (supplied by others) should be used on all threaded hardware.
NOTE: We suggest you retighten all bolts after the unit has been used three to four days.
NOTE: Approximately .75 cubic yards [.57 cubic meters] of concrete required for rubber surfacing. Approximately .58 cubic yards [.45 cubic meters] is required for optional loose fill footing.
NOTE: For optional loose fill surfacing refer to specification sheet 4880.
NOTE: Allow 48 hours minimumfor concrete to cure before using.
NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions.
NOTE: No more than two threads may extend past nut on completed assembly. If more than two threads are showing cut end off bolt and treat to prevent corrosion.

PARTS LIST

REF NO.	*DESCRIPTION*	*No. REQ'D*	*PART NUMBER*
1	Frame Ass'y	1	126778
2	Dome	1	100543
3	Spring	4	100334
4	Base Plate	4	126776
	Hardware Complete	1	127248
5	Spring Mount Casting	8	1089*
6	Clamp for Dome	2	157002*
7	Anchor Bolt	16	800000*
8	1/2" x 1-1/4" Hex Head Bolts (Fine Thread)	16	801254*
9	3/8" x 4 1/2" Carriage Bolt	4	800267*
10	1/2" Lockwasher	32	817342*
11	3/8" Lockwasher	4	817334*
12	3/8" Hex Nut	4	804053*
13	1/2" Hex Nut	32	804055*
14	1/2" Flatwasher	8	817412*

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

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

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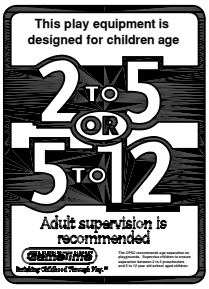
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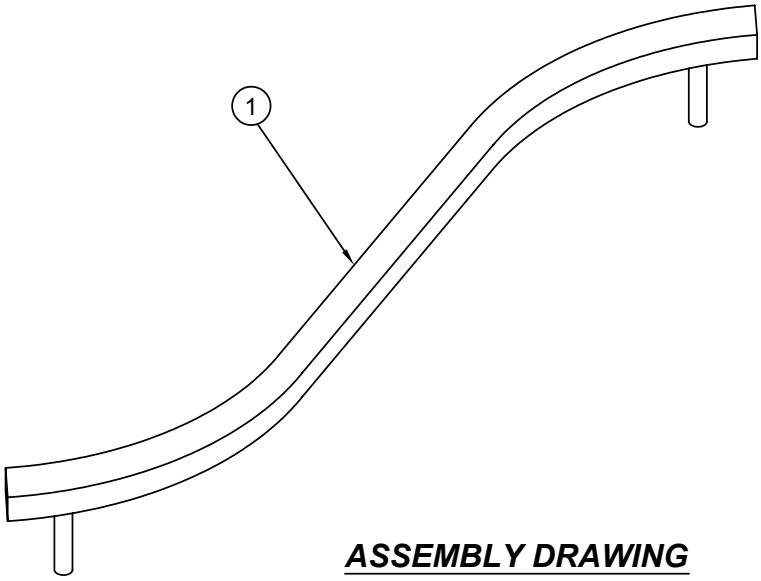
CURVED BALANCE BEAM

ISSUED/REVISED: 08/04/04

= INSTALLATION DETAIL

= PARTS LIST REFERENCE

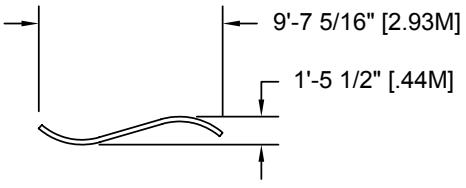




ASSEMBLY DRAWING

OWNER/OPERATOR SHALL INSTALL AND MAINTAIN PROTECTIVE SURFACING WITHIN THE USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) OF ALL PLAY EQUIPMENT TO COMPLY WITH ASTM F-1292 AND ASTM F-1487 (U.S.) or CAN/CSA-Z-614 (CANADA).

THE ASTM USE ZONE AND CSA PROTECTIVE SURFACING ZONE ARE DETERMINED BY EXTENDING THE PRODUCT OUTSIDE DIMENSIONS SHOWN A MINIMUM ADDITIONAL DISTANCE OF 6'-0" [1.8M] IN ALL DIRECTIONS.



TOP VIEW

SPECIFICATIONS

BEAM ASSEMBLY: Beam shall be fabricated of 3/16" x 3" square tubing. Caps shall be fabricated of 3/16" H.R. flat. Legs shall be fabricated of 1-7/8" O.D. galvanized pipe. Balance beam shall be an all-welded construction.

GENERAL: Beam shall be approximately 1'-0" [30.48cm] high and approximately 9'-8" [294.64cm] long. Uprights shall be anchored in 2'-0" [60.96cm] deep concrete footings.

FINISH: Unit shall have a powder coat finish.

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

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

STOP IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS STOP

☐ 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.

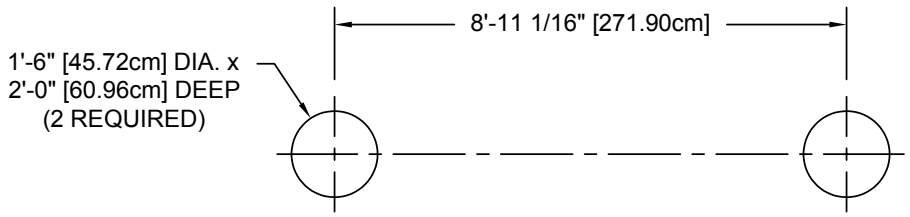
☐ Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.

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

☐ 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.

☐ A soft, resilient surface should be placed under all climbers, extending at least six feet in all directions surrounding the equipment. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.



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

GROUND PLAN

Concrete Required:
.14 Cubic Yards
[.11 Cubic Meters]

PARTS LIST

REF. NO.	*DESCRIPTION*	*NO. REQ'D*	*PART NUMBER*
1	Beam Assembly	1	103409

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.

INSTALLATION INSTRUCTIONS

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

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

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

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

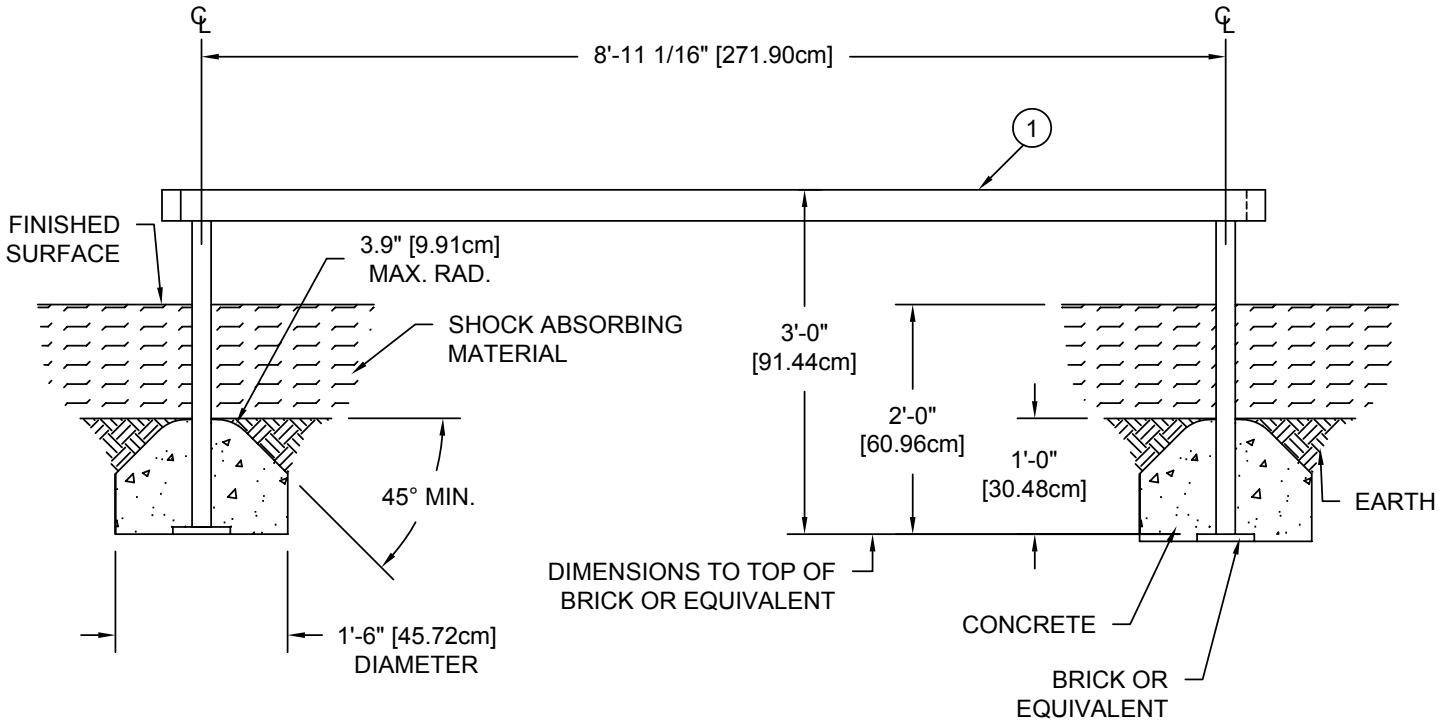
STEP 1: Dig (2) holes 1'-6" [45.72cm] diameter x 2'-0" [60.96cm] deep, spaced on 8'-11 1/16" [271.90cm] centers. *NOTE: Due to extremes in weather and soil conditions, hole sizes may have to be increased to meet local conditions.*

STEP 2: Tip Balance Beam into holes, making sure legs rest on foundation blocks.

STEP 3: Plumb and sway brace.

STEP 4: Pour concrete to within 1'-0" [30.48cm] of finished surface. (See Ground Detail).

NOTE: Allow 48 hours minimum for concrete to cure and harden before using Balance Beam.



GROUND DETAIL

NOTES:

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.

2.) Sloped footing is a requirement of European Standard EN1176-1.

3.) Suggested minimum concrete rating: 3000psi.

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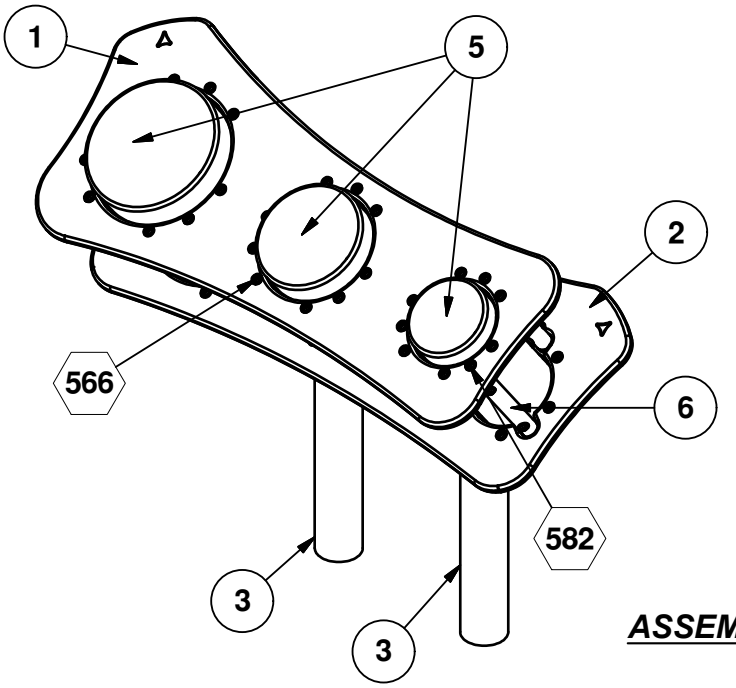
CONCERT TRIO

ISSUED/REVISED: 10/4/2017

= INSTALLATION DETAIL

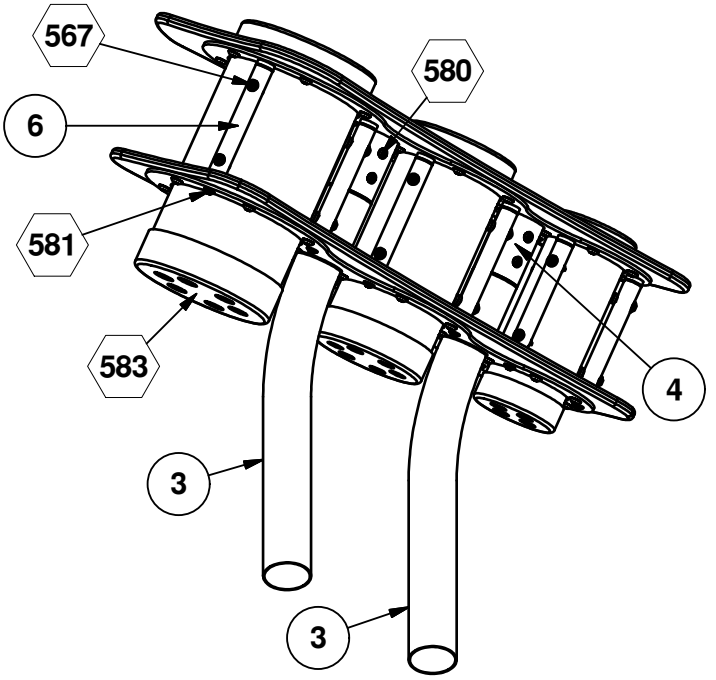
= PARTS LIST REFERENCE

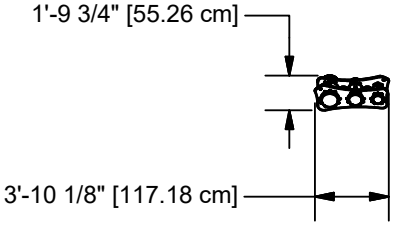




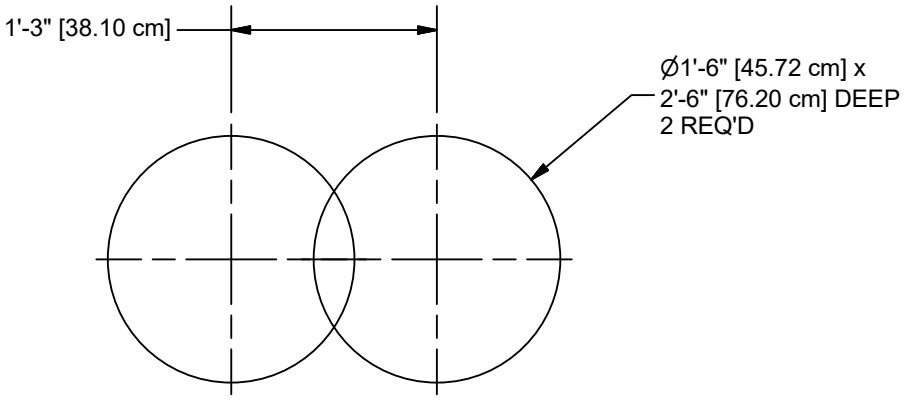
ASSEMBLY VIEW

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





TOP VIEW



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

GROUND PLAN

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

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	CONCERT TRIO FRONT HDPE PANEL	1	314066
2	CONCERT TRIO BACK HDPE PANEL	1	212793
3	CONCERT TRIO UPRIGHT SUPPORT	1	314065
4	CONCERT TRIO RING ASSEMBLY	1	314062
5	DRUM PKG. (SET OF THREE)	1	314097
6	SPACER WITH INSERTS	9	314057
	HARDWARE COMPLETE	1	314070
	3/8" x 3/4" P.B.H.C.S. w/PATCH	36	812052*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	18	812053*
	3/8" x 2 1/2" P.B.H.C.S. w/PATCH	18	812057*
	3/8" x 3 1/4" P.B.H.C.S. w/PATCH	4	812060*
	3/8" FLAT WASHER	72	817410*
	3/8" BARREL NUT	40	804804*
	3/8" HEX NUT	18	804053*
	3/8" LOCK WASHER	22	817334*
	3/8" PLASTIC SPACER	36	817613*

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

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

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

INSTALLATION INSTRUCTIONS

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

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

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

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

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

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

1. Locate and dig footing holes according to Plan View. See Plan View for dimensions and notes regarding surfacing, etc.

2. Attach Concert Trio Back HDPE Panel to Concert Trio Support Assembly. See Detail 566. **NOTE:** *Rotate panel so that the reference arrow is face up in the top right corner.*

3. Attach Spacer with Inserts to Concert Trio Upright Support. See Detail 581. **NOTE:** *Do not tighten connection until entire assembly is complete. Rotate Spacers so that the holes are orientated toward the center hole for the drum.*

4. Attach Concert Trio Ring Assembly to Concert Trio Upright Support. See Detail 580.

5. Attach Concert Trio Front HDPE Panel to Concert Trio Ring Assembly. See Detail 566. **NOTE:** *Rotate panel so that the reference arrow is face up in the top left corner.*

6. Attach Concert Trio Ring Assembly and Concert Trio Front HDPE Panel to Spacer with Inserts. See Detail 582.

7. Insert Concert Trio 6, Concert Trio 8, and Concert Trio 10 (included in Concert Trio Drum Package) into appropriate hole for each drum. Place the open end toward ground and allow the top to rest on the Concert Trio Support Assembly. Align each Spacer with Inserts so that the holes face each drum and field drill 3/8" hole thru each drum. Attach Concert Trio to Spacers. See Detail 567.

8. Plumb and level the entire assembly and tighten all fasteners

9. Attach bottom cover for Concert Trio 6, Concert Trio 8, and Concert Trio 10 using supplied adhesive. See Detail 583.

10. After entire unit is assembled, pour concrete footings within 4" to the top and taper away from post for water drainage. Allow to cure at least 48 hours before use. Temporary bracing may be required until concrete cures.

11. When structure is finished and satisfactory, eliminate sharp points and edges (burring) on installed hardware like bolts, nuts, etc. Install resilient surfacing material within the use zone of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the safety guidelines.

SPECIFICATIONS

CONCERT TRIO FRONT HDPE PANEL AND CONCERT TRIO BACK HDPE PANEL:
Shall be 3/4" thick high-desnity polyethylene.

CONCERT TRIO 6, CONCERT TRIO 8, AND CONCERT TRIO 10:
Shall be constructed of 6" plastic pipe, 8", and 10" plastic pipe, and molded plastic lid.

CONCERT TRIO RING ASSEMBLY:
Shall be an all welded construction fabricated from 3-1/2” O.D. X .095” (13 gauge) wall galvanized steel tubing and 1/4" thick laser cut steel. The Concert Trio Ring Assembly shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with specifications outlined herein.

CONCERT TRIO UPRIGHT SUPPORT:
Shall be an all welded construction fabricated from 3-1/2” O.D. X .095” (13 gauge) wall galvanized steel tubing and 1/4" thick laser cut steel. The Concert Trio Upright Support shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with specifications outlined herein.

SPACER WITH INSERTS:
Shall be fabricated from 1-5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing and 1.120" threaded insert. The Spacer shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with specifications outlined herein.

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.

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 protuding 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 fron and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

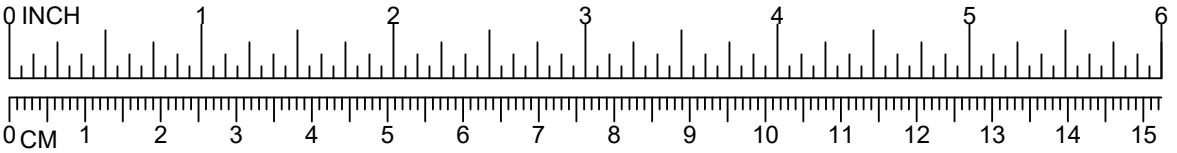
DETAILS -for-
3259

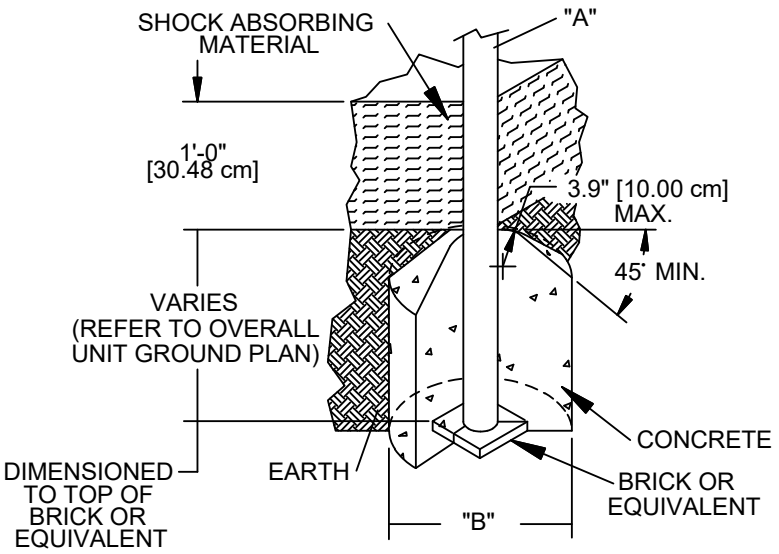
IMPORTANT

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

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

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



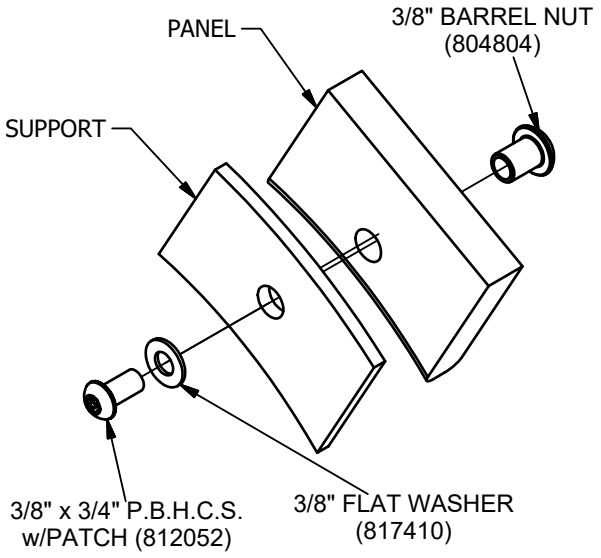


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS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

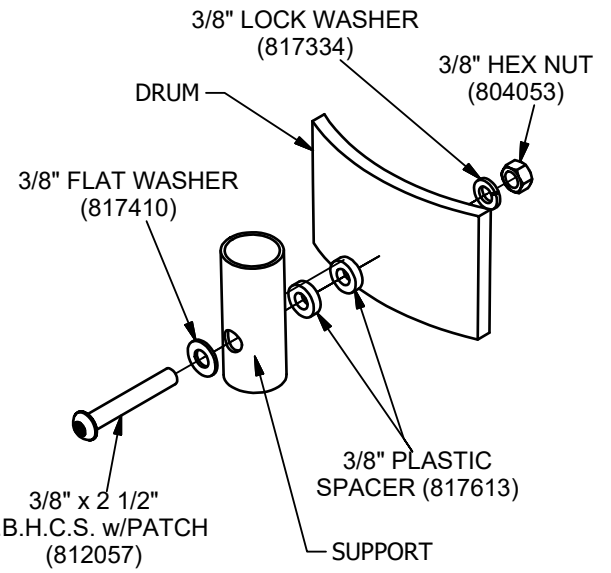
NOTES:
-SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
-SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

032

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



566



567

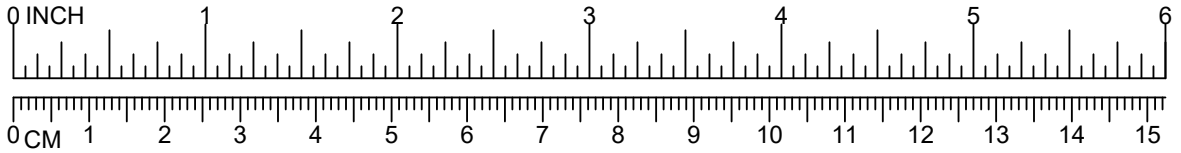
DETAILS -for-
3259

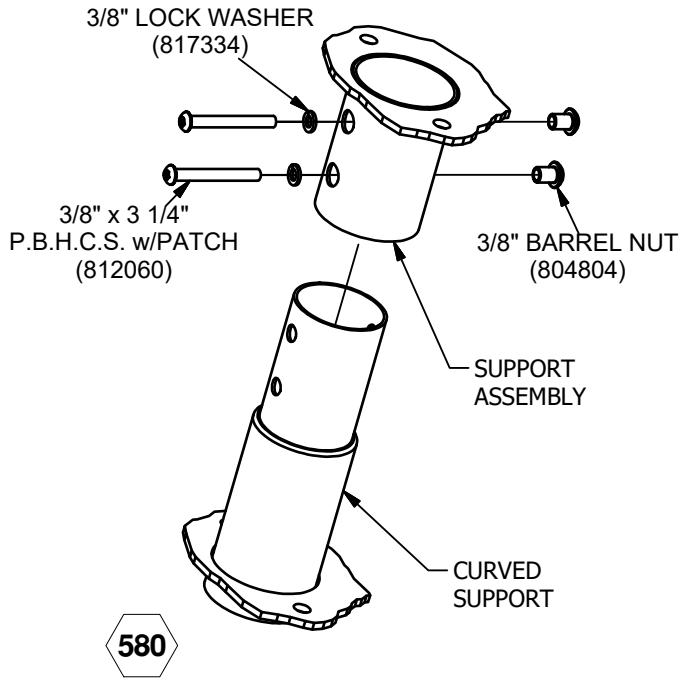
IMPORTANT

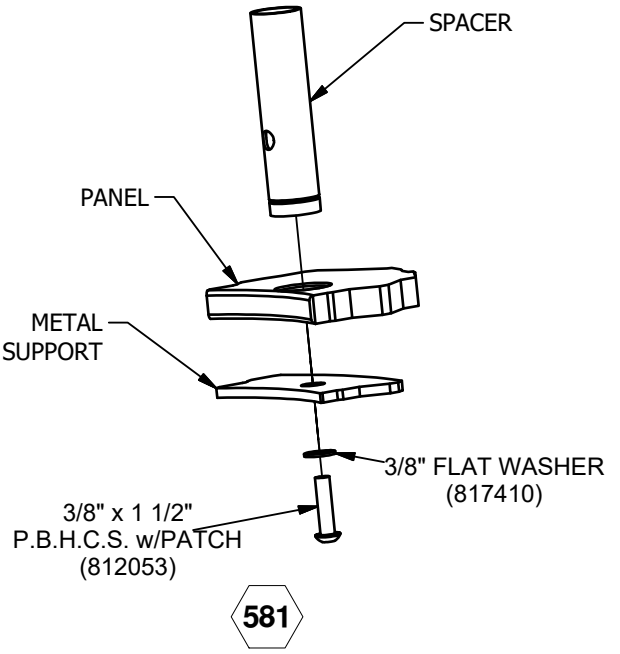
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

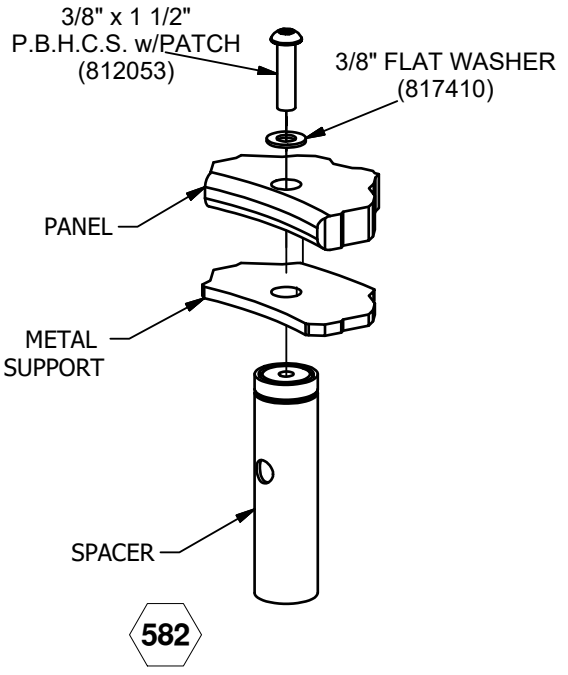
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

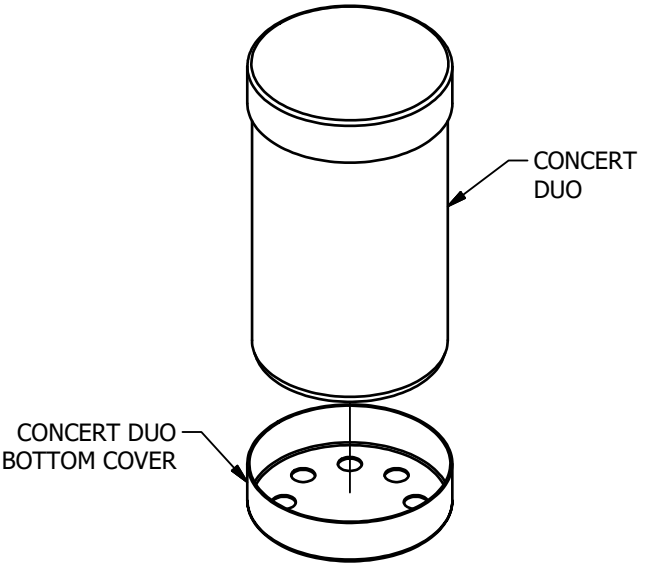
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.











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1-800-235-2440

3904

BELLS

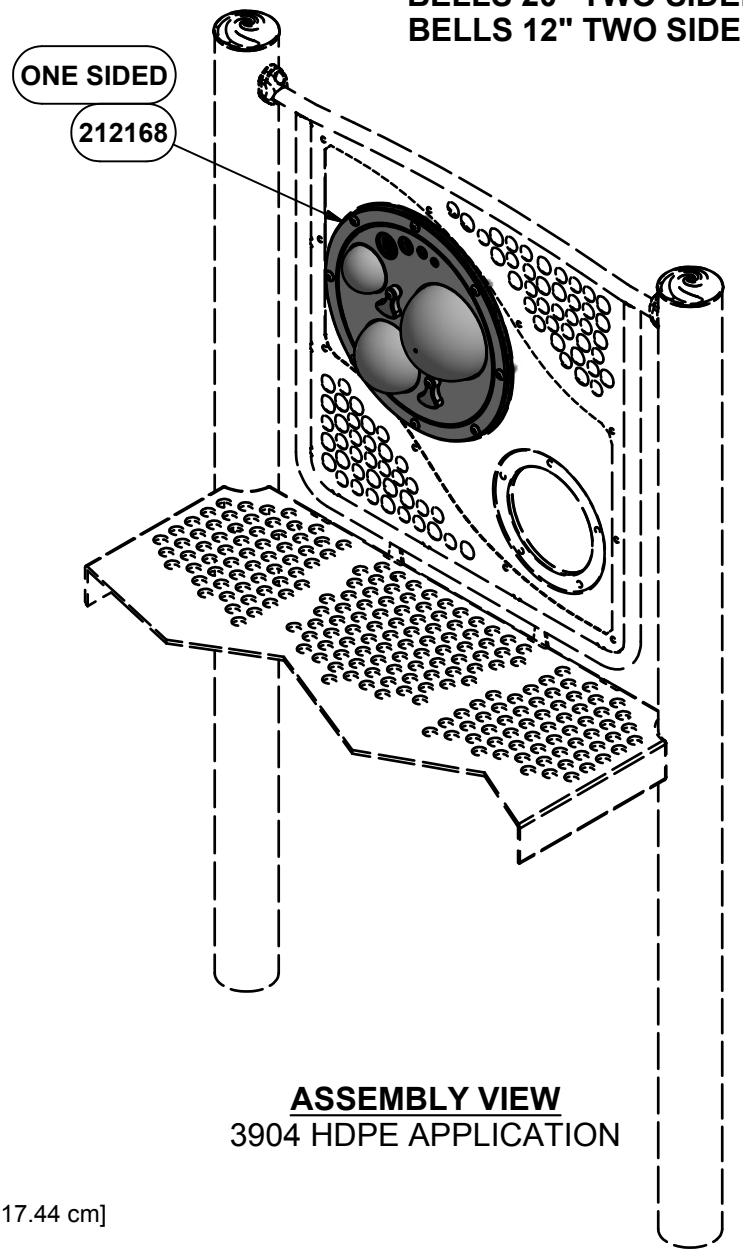
ISSUED/REVISED: 9/24/2021



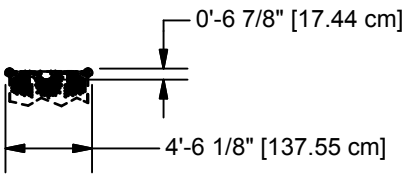
BELLS 20" ONE SIDED 3904
BELLS 12" ONE SIDED 3905
BELLS 20" TWO SIDED 3906
BELLS 12" TWO SIDED 3907

INSTALLATION INSTRUCTIONS

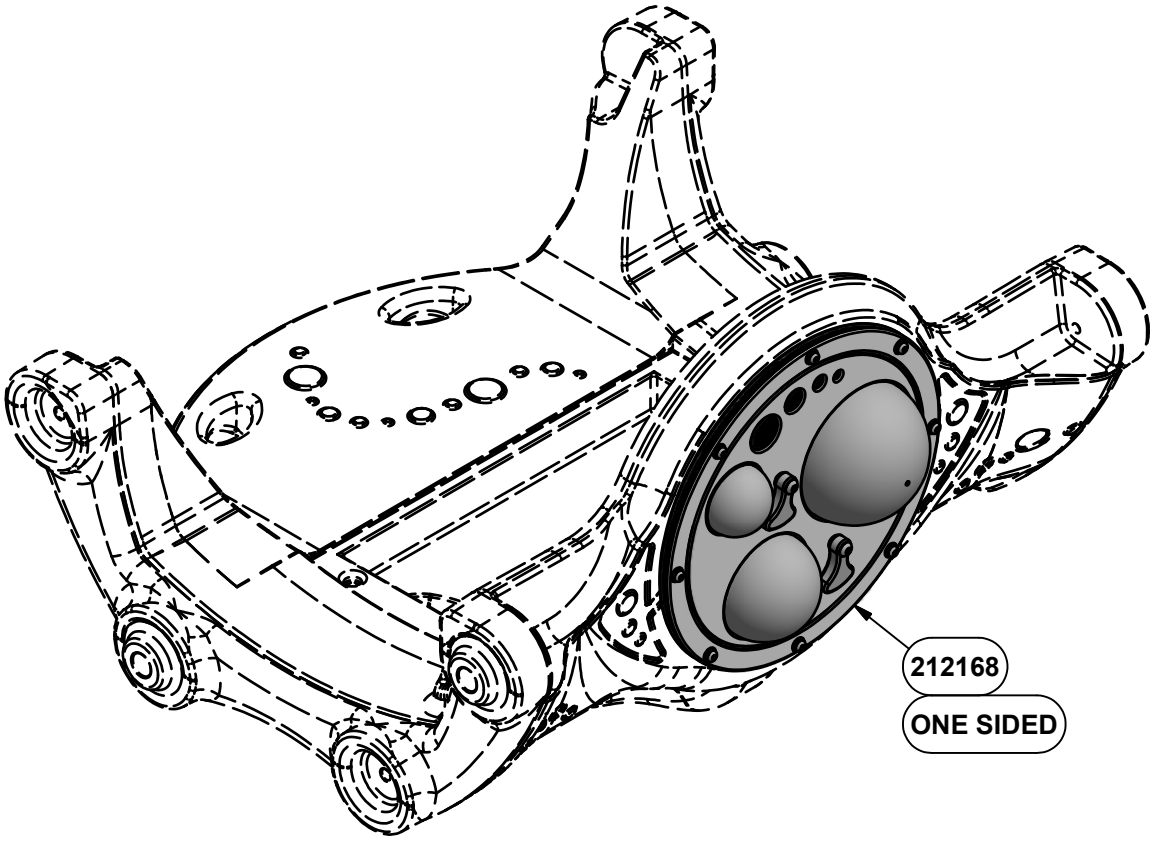
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.



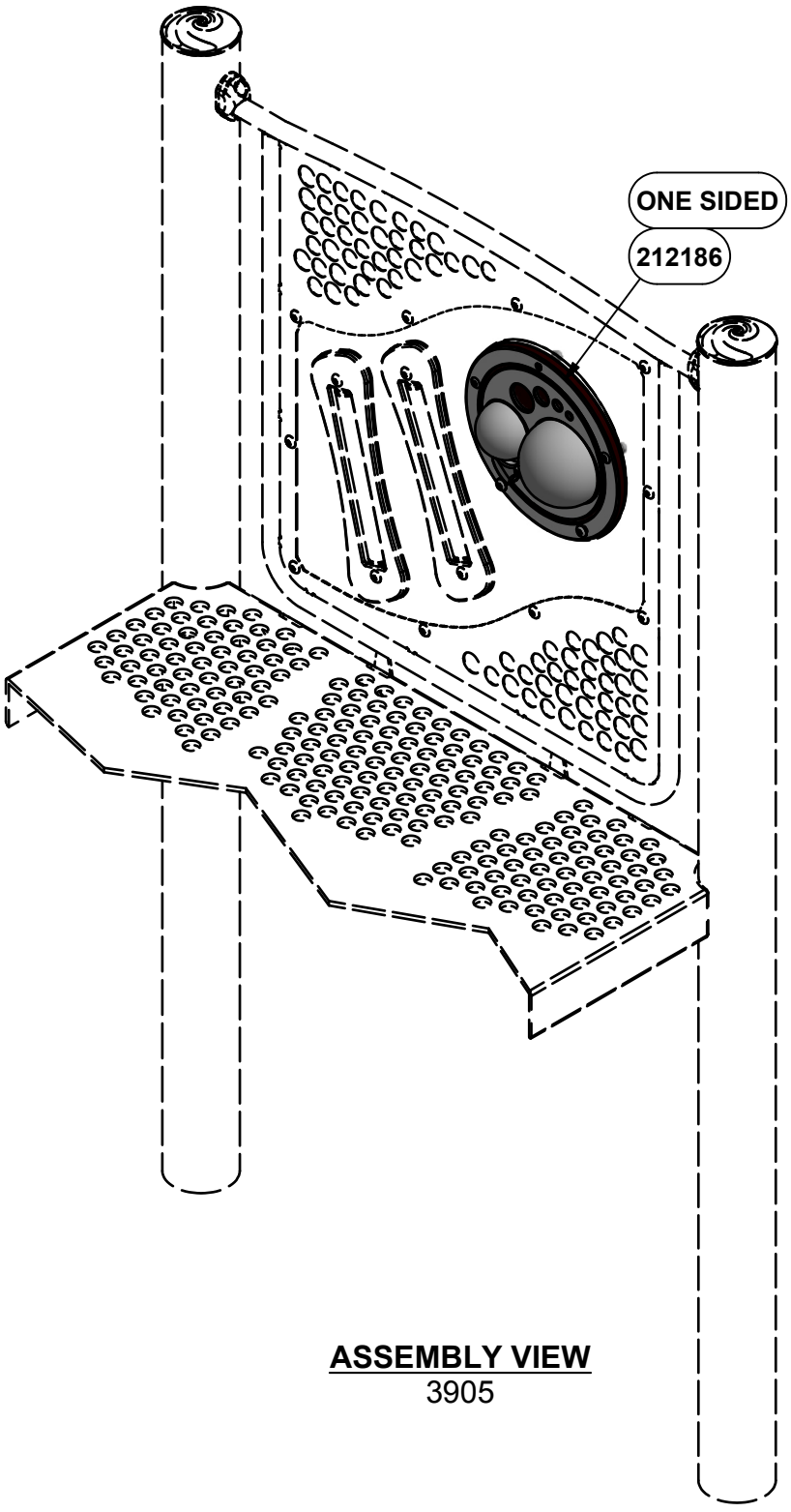
ASSEMBLY VIEW
3904 HDPE APPLICATION



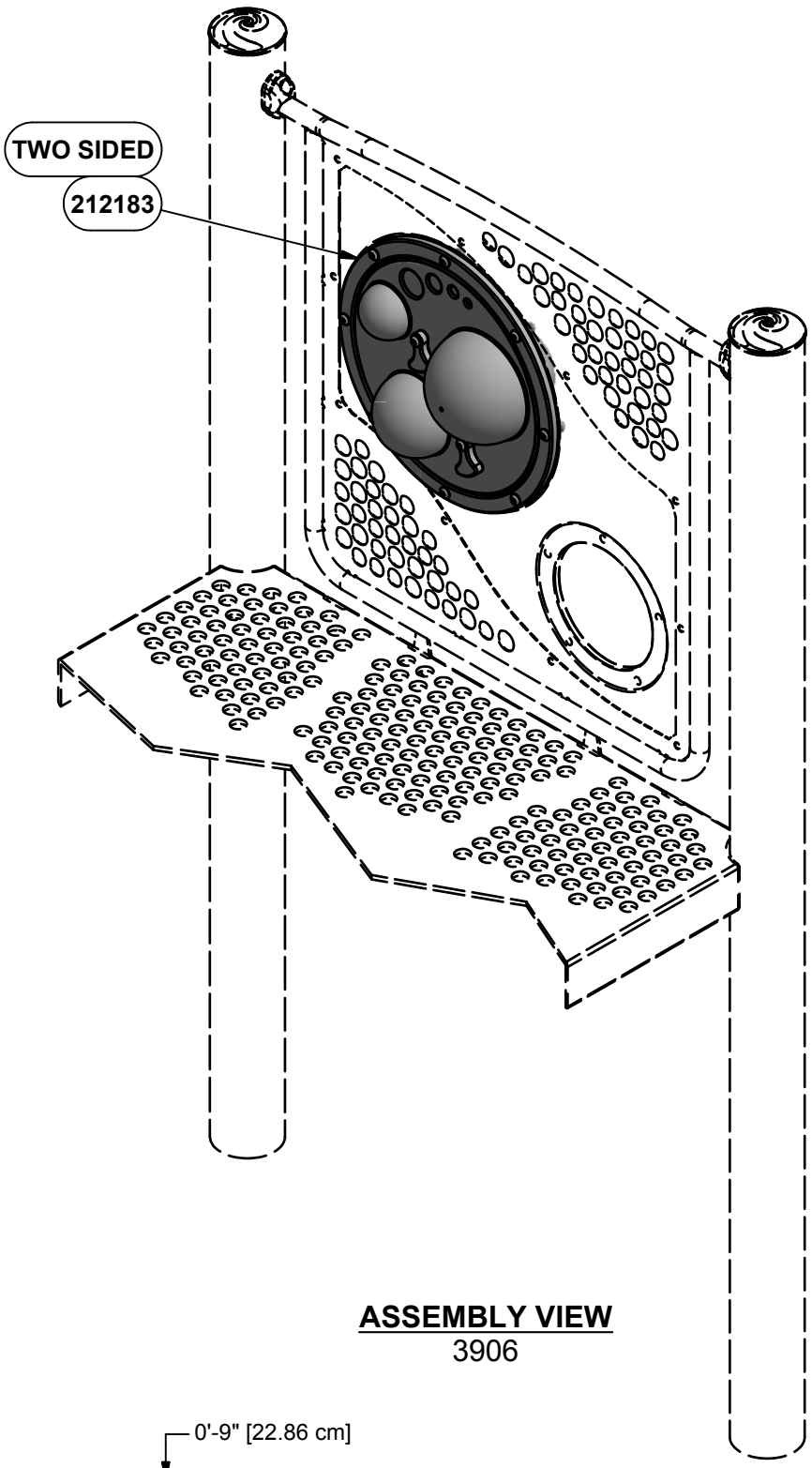
TOP VIEW
3904 SHOWN
3905 SIMILAR



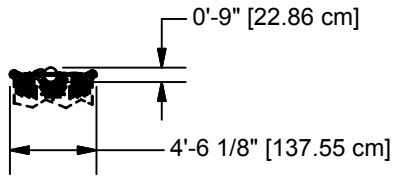
ASSEMBLY VIEW
3904 ROTO APPLICATION



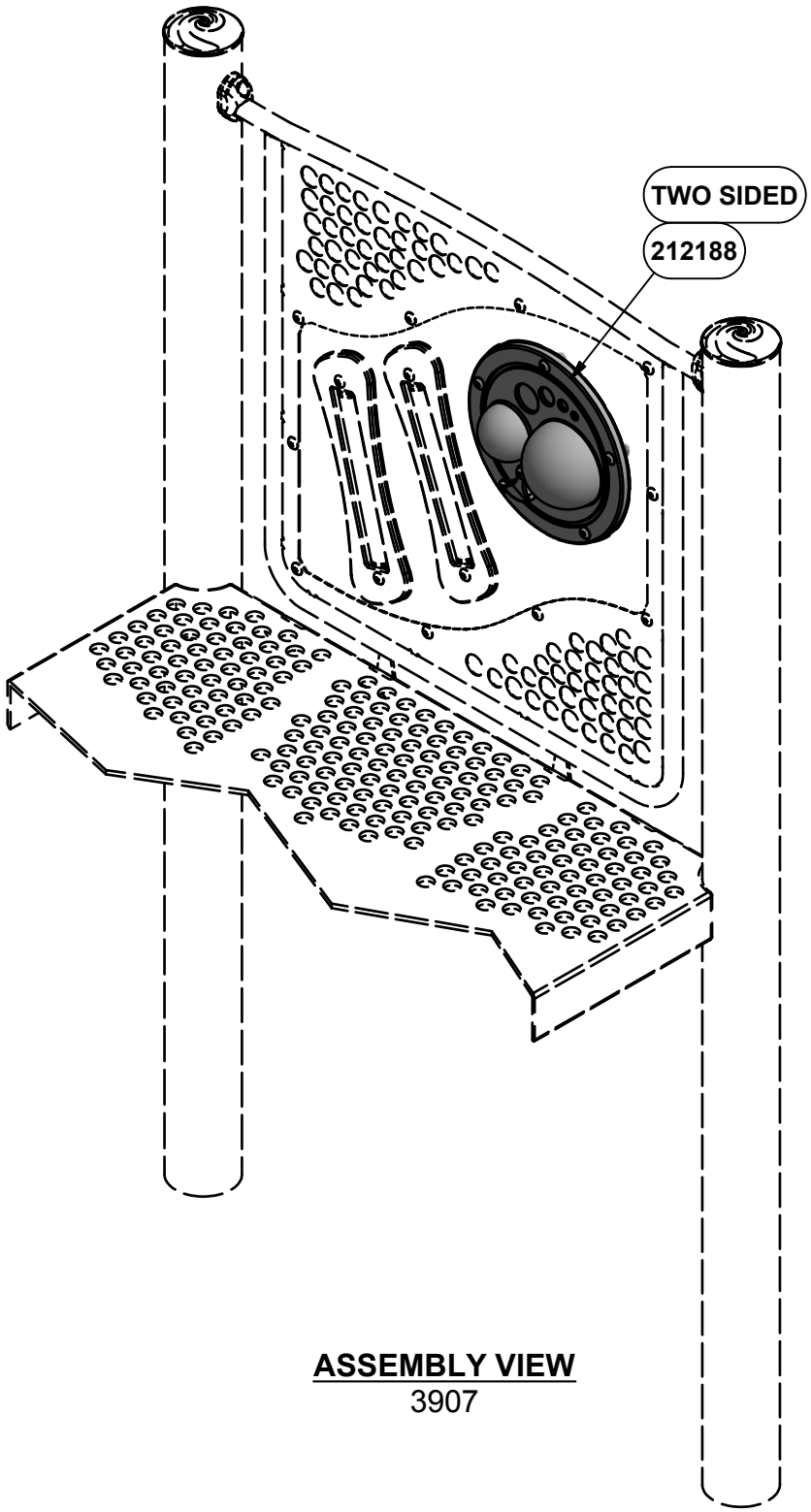
ASSEMBLY VIEW
3905



ASSEMBLY VIEW
3906



TOP VIEW
3906 SHOWN
3907 SIMILAR



ASSEMBLY VIEW
3907

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 protuding 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 fron 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.

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

HDPE APPLICATION STEP 1: Attach Bell Assembly to HDPE Panel. **REFER TO PAGE 8.**

ROTO APPLICATION STEP 1: Attach Bell Assembly to Roto Panel. **REFER TO PAGE 9.**

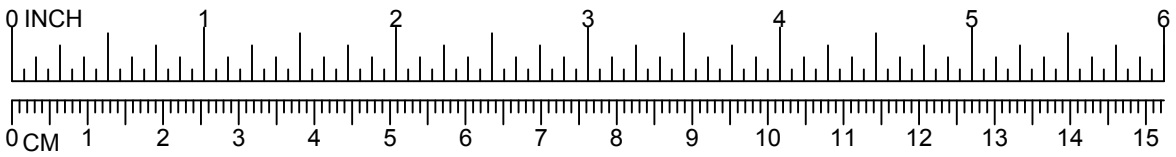
SPECIFICATIONS

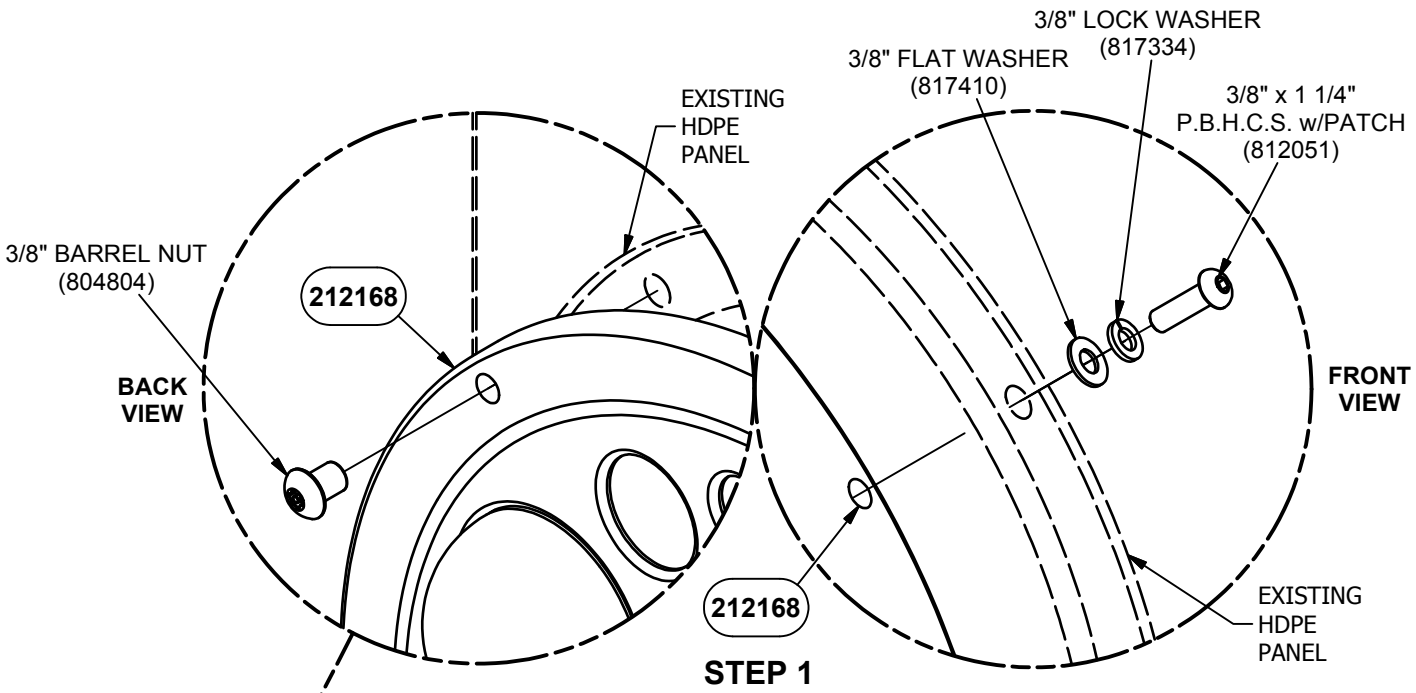
BELL ASSEMBLY: Shall be fabricated from 3/4" thick high density polyethylene. Bells shall be fabricated from 1-5/16" O.D. x .083" (14 Gauge) wall galvanized steel tubing, 11 Gauge H.R. Steel, and purchased machined stainless steel insert. Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

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.

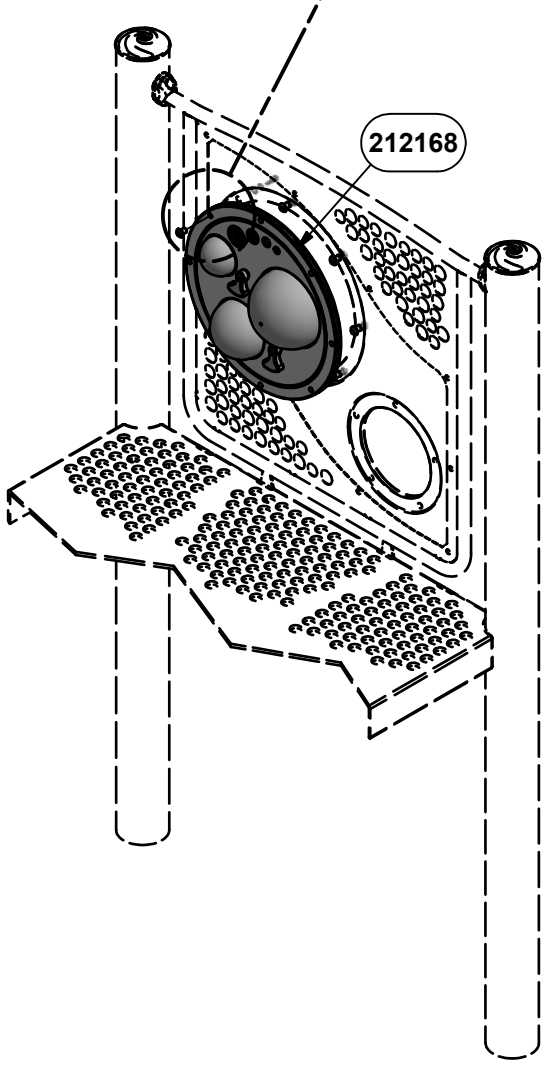
SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.





STEP 1

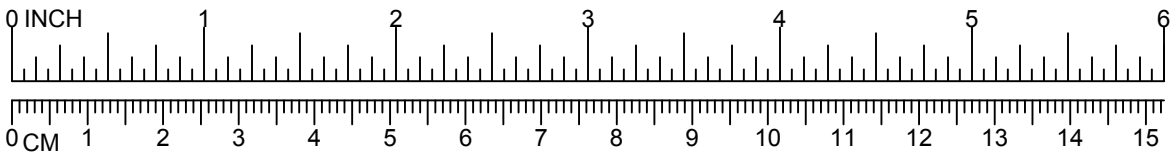
3904 - 8 PLACES
3905 - 5 PLACES
3906 - 8 PLACES
3907 - 5 PLACES

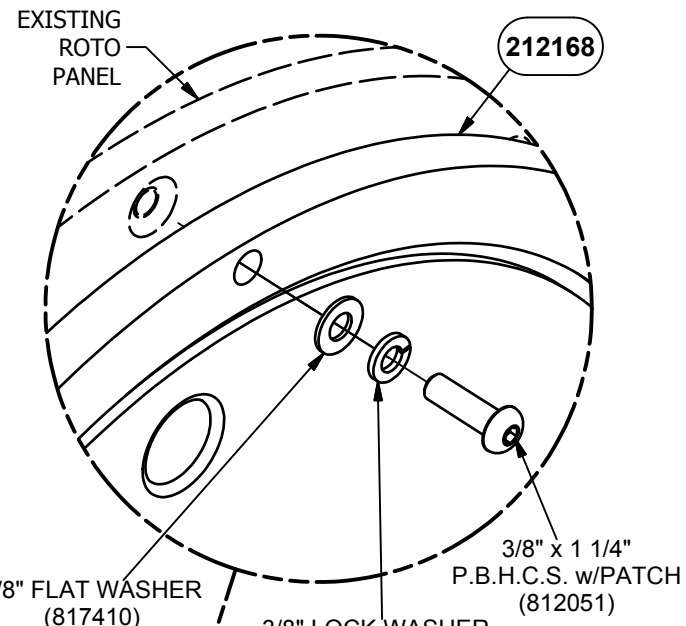


THIS VIEW IS FOR HDPE APPLICATION ONLY

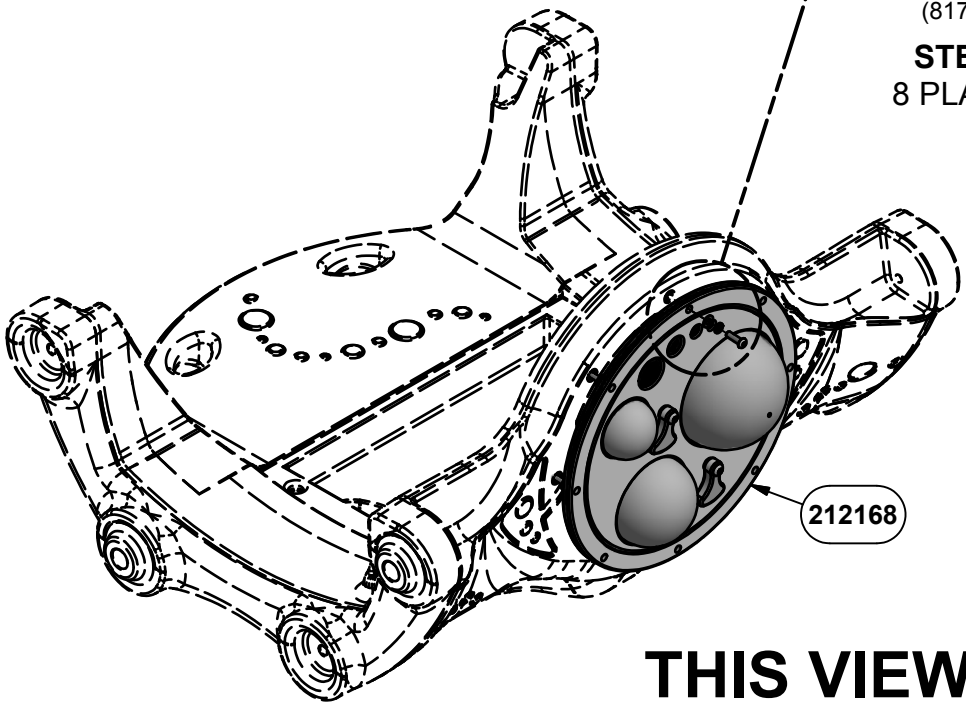
REFER TO PARTS LIST FOR PROPER BELL ASSEMBLY

DETAIL VIEW
3904 SHOWN
OTHERS SIMILAR





STEP 1
8 PLACES



THIS VIEW IS FOR ROTO APPLICATION ONLY

DETAIL VIEW
3904 SHOWN

Parts List					
DESCRIPTION	3904	3905	3906	3907	PART NUMBER
20" BELL ASSEMBLY ONE SIDED	1	0	0	0	212168
12" BELL ASSEMBLY ONE SIDED	0	1	0	0	212186
20" BELL ASSEMBLY TWO SIDED	0	0	1	0	212183
12" BELL ASSEMBLY TWO SIDED	0	0	0	1	212188
HARDWARE COMPLETE	1	0	1	0	212190
HARDWARE COMPLETE	0	1	0	1	212191
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	8	5	8	5	812051*
3/8" BARREL NUT	8	5	8	5	804804*
3/8" FLAT WASHER	8	5	8	5	817410*
3/8" LOCK WASHER	8	5	8	5	817334*

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

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

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

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

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.

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3924

SENSORY MIRRORS

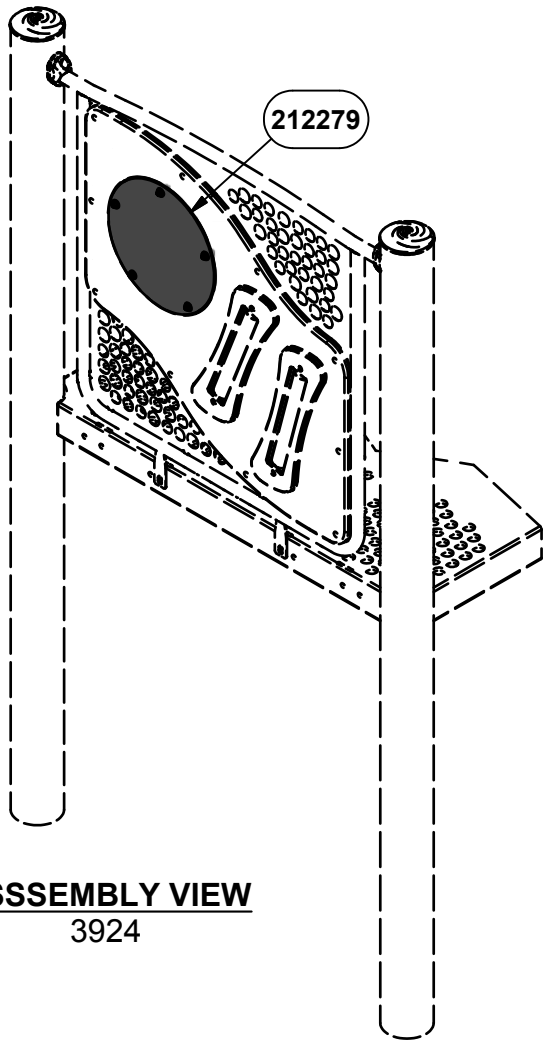
ISSUED/REVISED: 10/4/2021



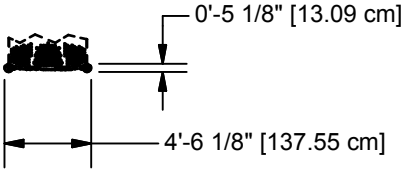
12" MIRROR ONE SIDED	3924
12" MIRROR TWO SIDED	3925
20" MIRROR ONE SIDED	3926
20" MIRROR TWO SIDED	3927
12" FUN MIRROR ONE SIDED	3928
12" FUN MIRROR TWO SIDED	3929
20" FUN MIRROR ONE SIDED	3930
20" FUN MIRROR TWO SIDED	3931

INSTALLATION INSTRUCTIONS

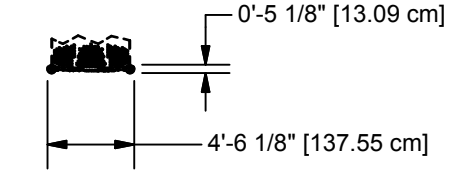
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.



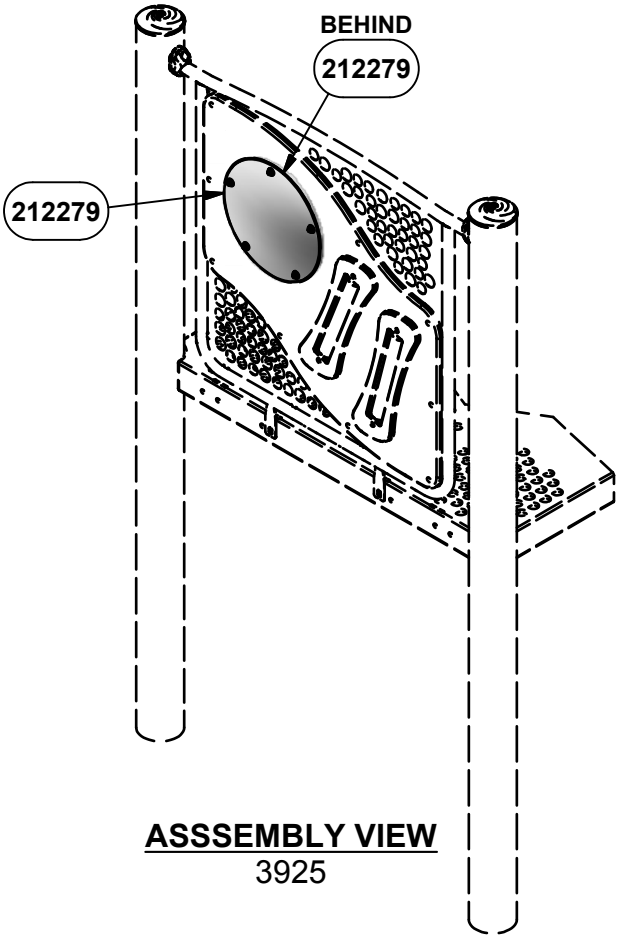
ASSSEMBLY VIEW
3924



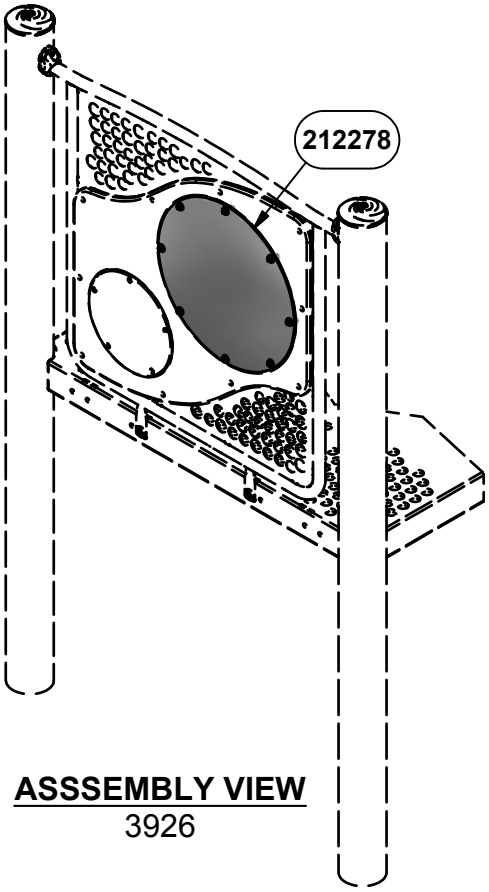
TOP VIEW
3924



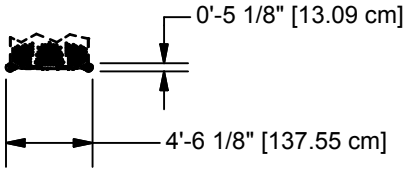
TOP VIEW
3925



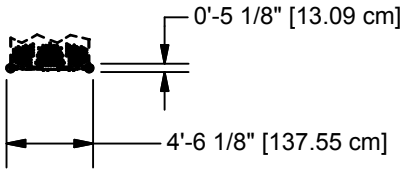
ASSSEMBLY VIEW
3925



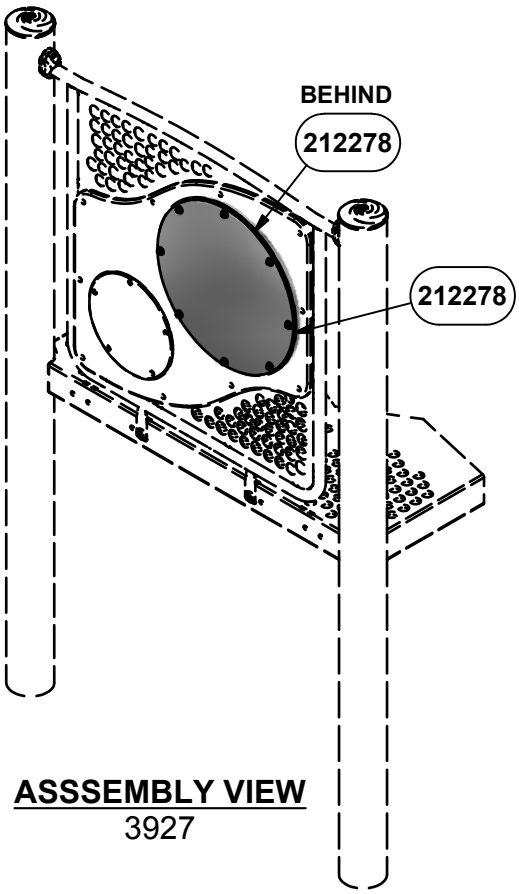
ASSSEMBLY VIEW
3926



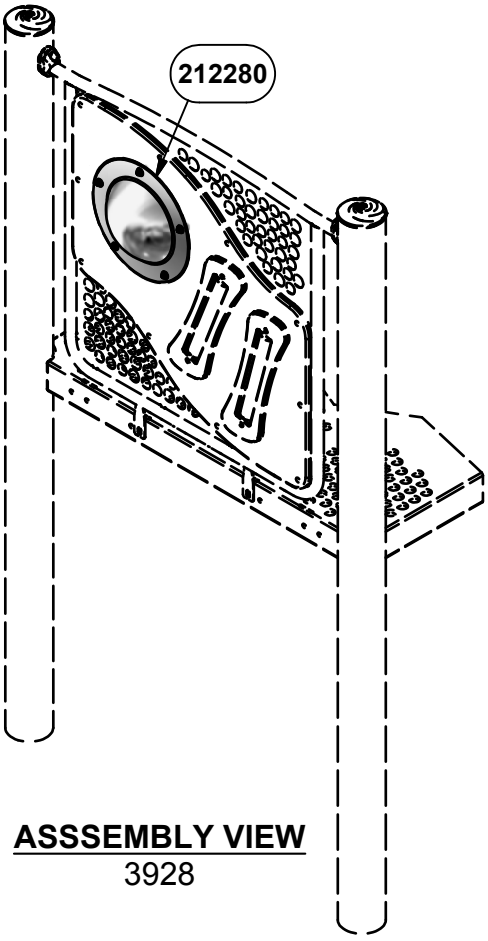
TOP VIEW
3926



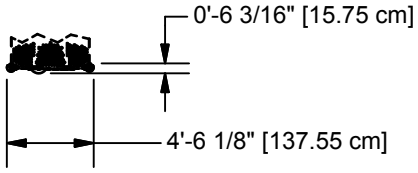
TOP VIEW
3927



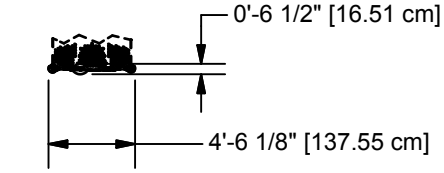
ASSSEMBLY VIEW
3927



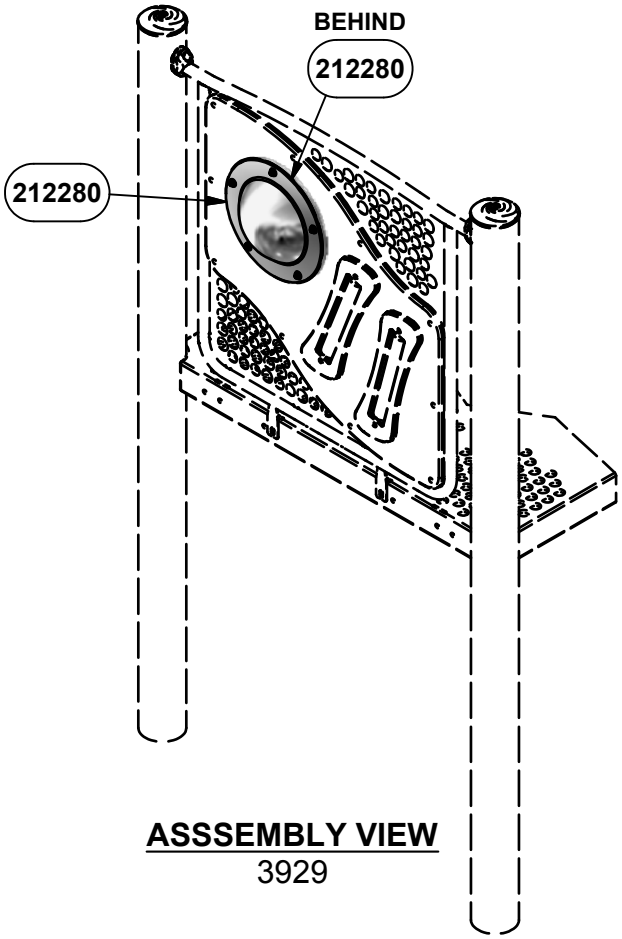
ASSSEMBLY VIEW
3928



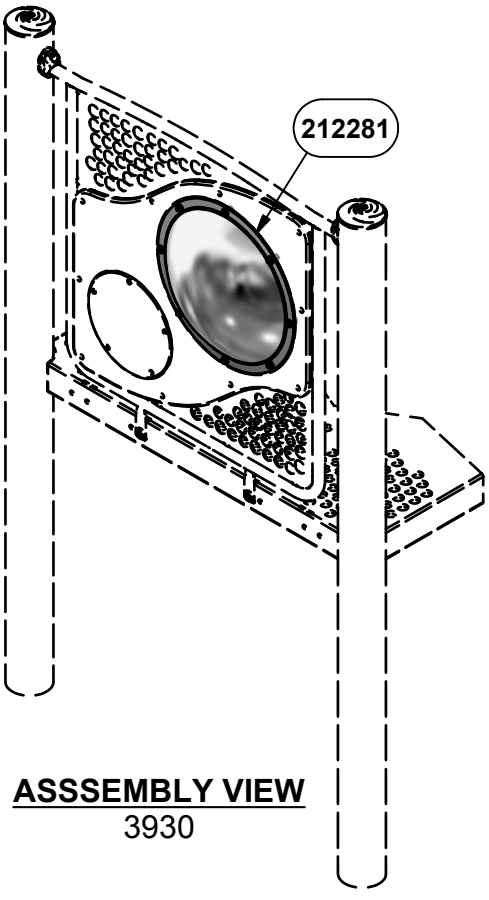
TOP VIEW
3928



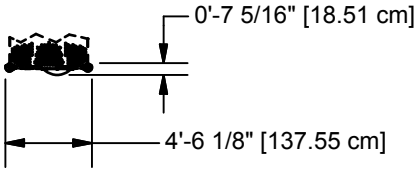
TOP VIEW
3929



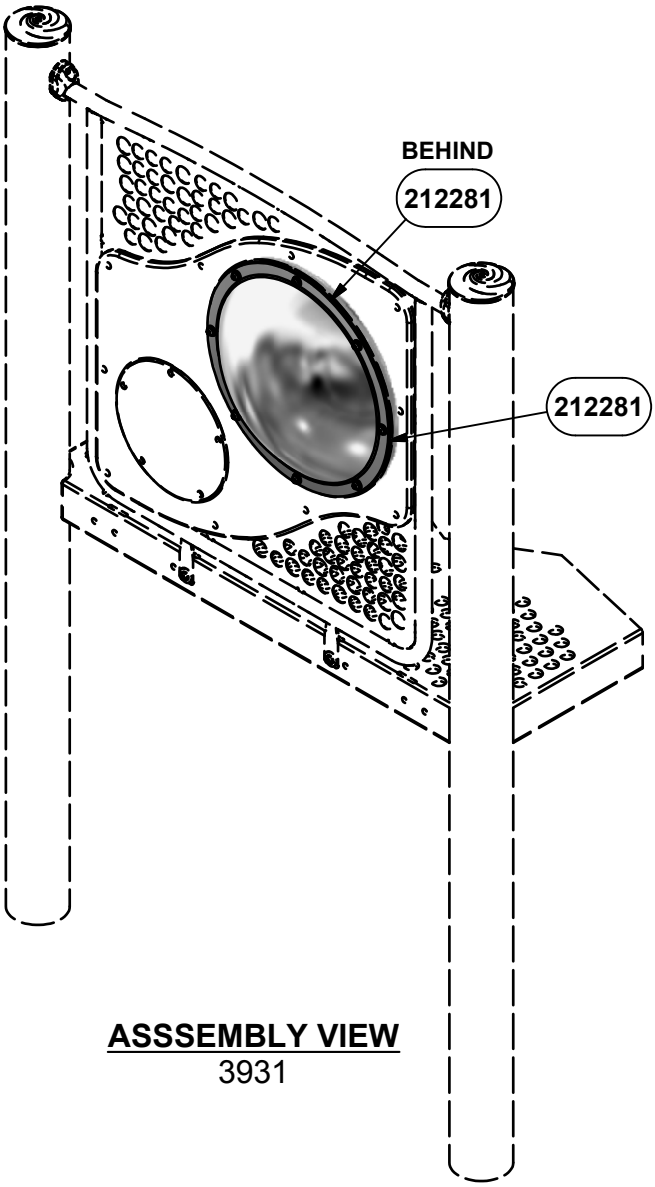
ASSSEMBLY VIEW
3929



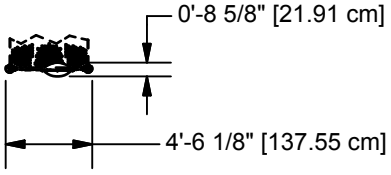
ASSSEMBLY VIEW
3930



TOP VIEW
3930



ASSSEMBLY VIEW
3931



TOP VIEW
3931



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 protuding 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 fron 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.

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

ONE SIDED STEP 1: Attach one Mirror to Panel. **REFER TO PAGE 8.**

TWO SIDED STEP 1: Attach two Mirrors to Panel. **REFER TO PAGE 9.**

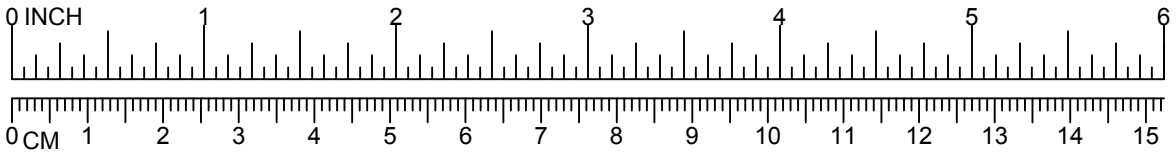
SPECIFICATIONS

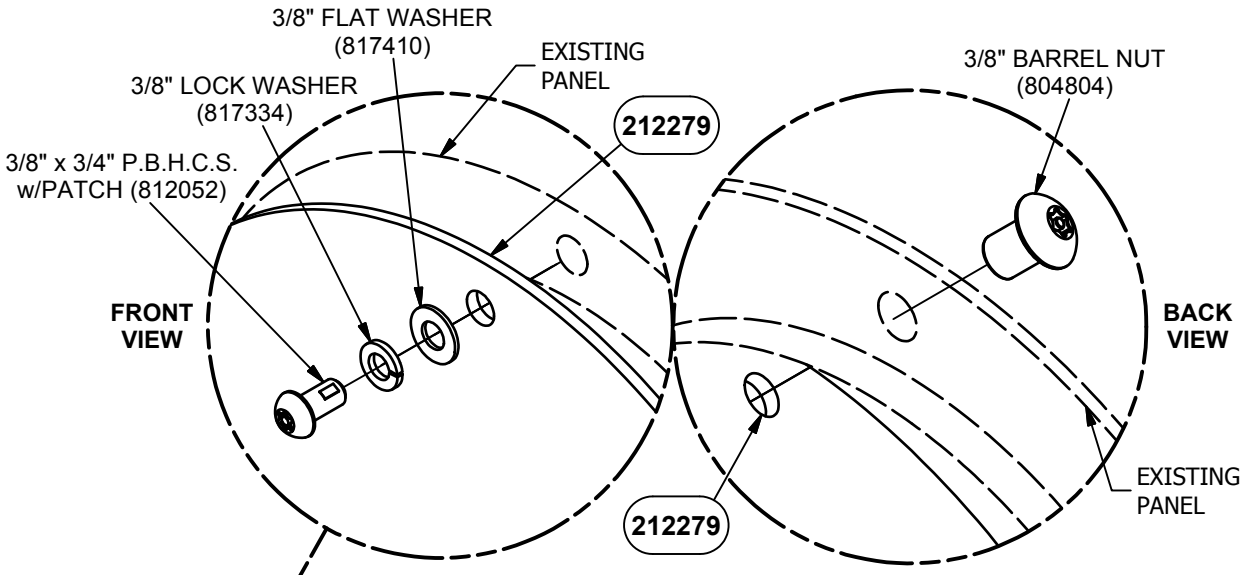
MIRROR PANEL: Shall be fabricated from 3/16" thick acrylic with UV inhibitve reflective coating.

FUN MIRROR PANEL: Shall be fabricated from 3/16" thick acrylic with UV inhibitve reflective coating.

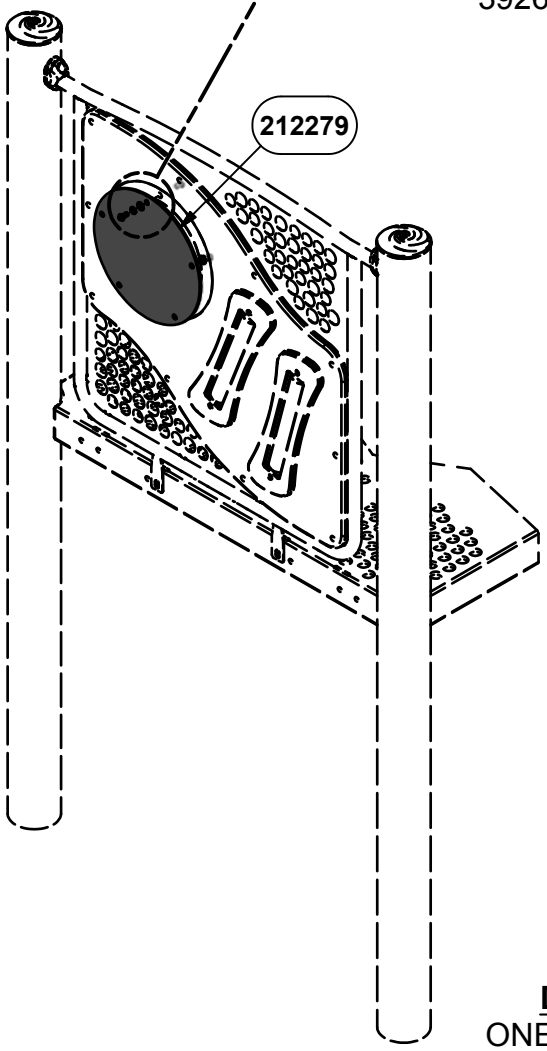
HARDWARE: All nuts, bolts, screws, inserts, and lockwashers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series 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.





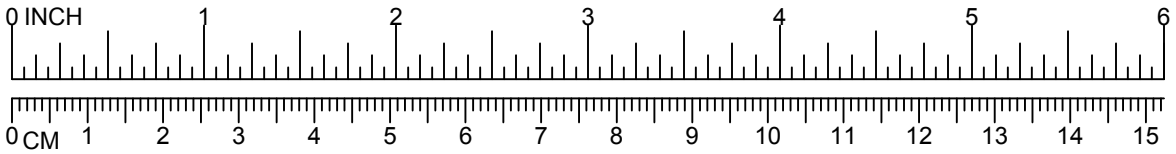
STEP 1
3924 AND 3928 - 5 PLACES
3926 AND 3930 - 8 PLACES

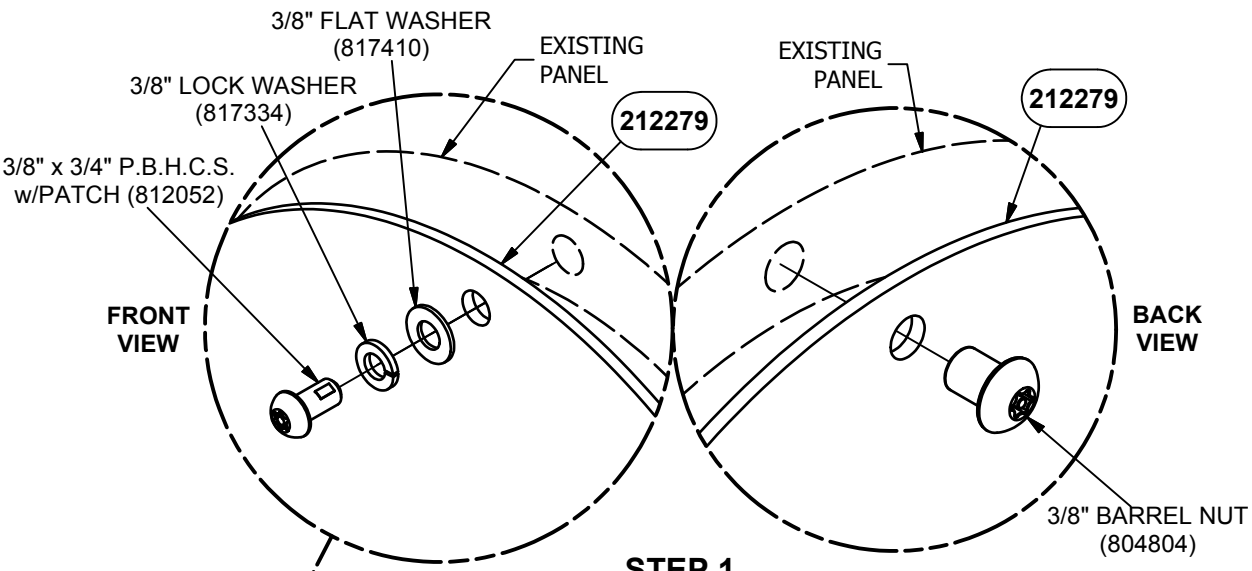


THIS VIEW IS FOR ONE SIDED MIRRORS ONLY

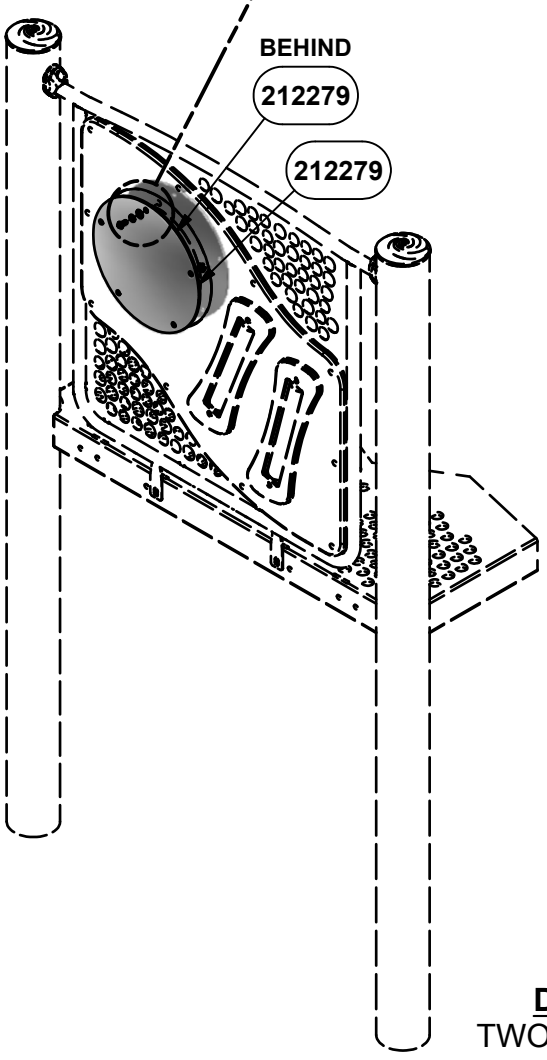
REFER TO PARTS LIST FOR PROPER MIRROR PANEL

DETAIL VIEW
ONE SIDED MIRROR





STEP 1
3925 AND 3929 - 5 PLACES
3927 AND 3931 - 8 PLACES



THIS VIEW IS FOR TWO SIDED MIRRORS ONLY

REFER TO PARTS LIST FOR PROPER MIRROR PANEL

DETAIL VIEW
TWO SIDED MIRROR

Parts List									
DESCRIPTION	3924	3925	3926	3927	3928	3929	3930	3931	PART NUMBER
SMALL MIRROR	1	2	0	0	0	0	0	0	212279
LARGE MIRROR	0	0	1	2	0	0	0	0	212278
SMALL FUN MIRROR	0	0	0	0	1	2	0	0	212280
LARGE FUN MIRROR	0	0	0	0	0	0	1	2	212281
HARDWARE COMPLETE	1	1	0	0	1	1	0	0	212226
HARDWARE COMPLETE	0	0	1	1	0	0	1	1	212225
3/8" x 3/4" P.B.H.C.S. w/PATCH	5	5	8	8	5	5	8	8	812052*
3/8" BARREL NUT	5	5	8	8	5	5	8	8	804804*
3/8" FLAT WASHER	5	5	8	8	5	5	8	8	817410*
3/8" LOCK WASHER	5	5	8	8	5	5	8	8	817334*

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

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

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

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

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.

GameTime
A PLAYCORE Company
1-800-235-2440

3947

PACHINKO

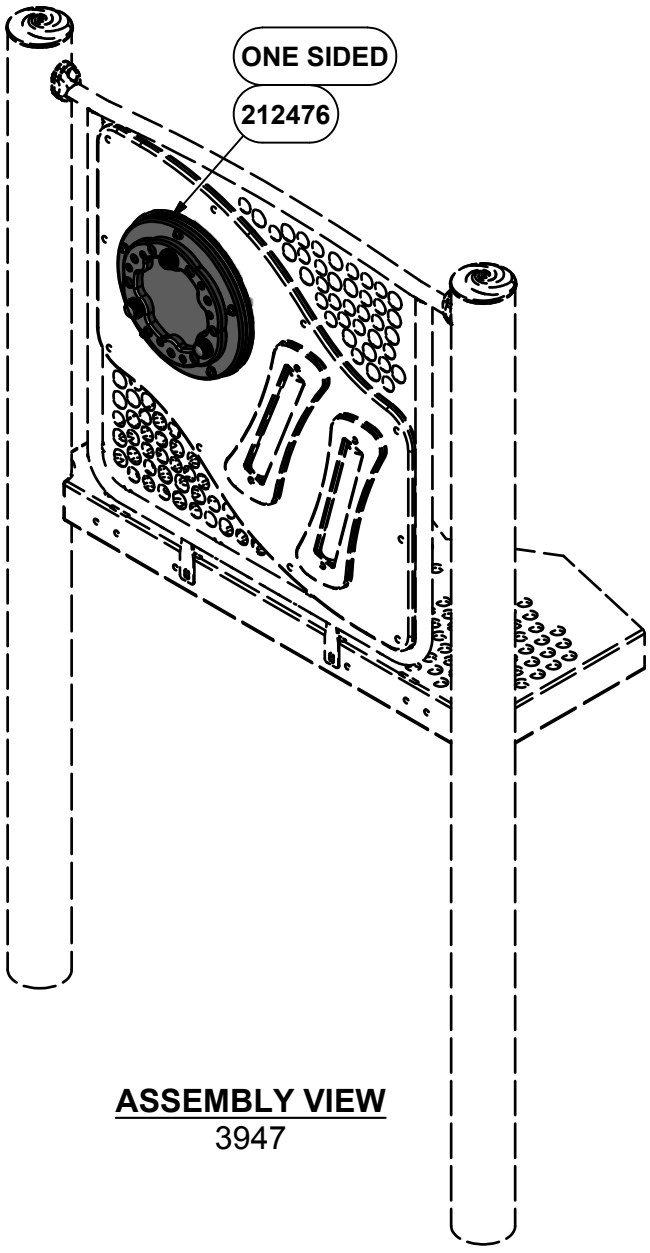
ISSUED/REVISED: 9/27/2021



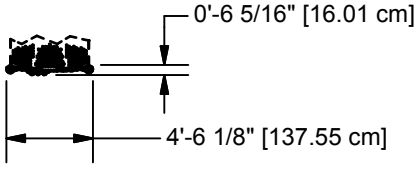
12" ONE SIDED	**3947**
20" TWO SIDED	**3948**
20" ONE SIDED	**3949**

INSTALLATION INSTRUCTIONS

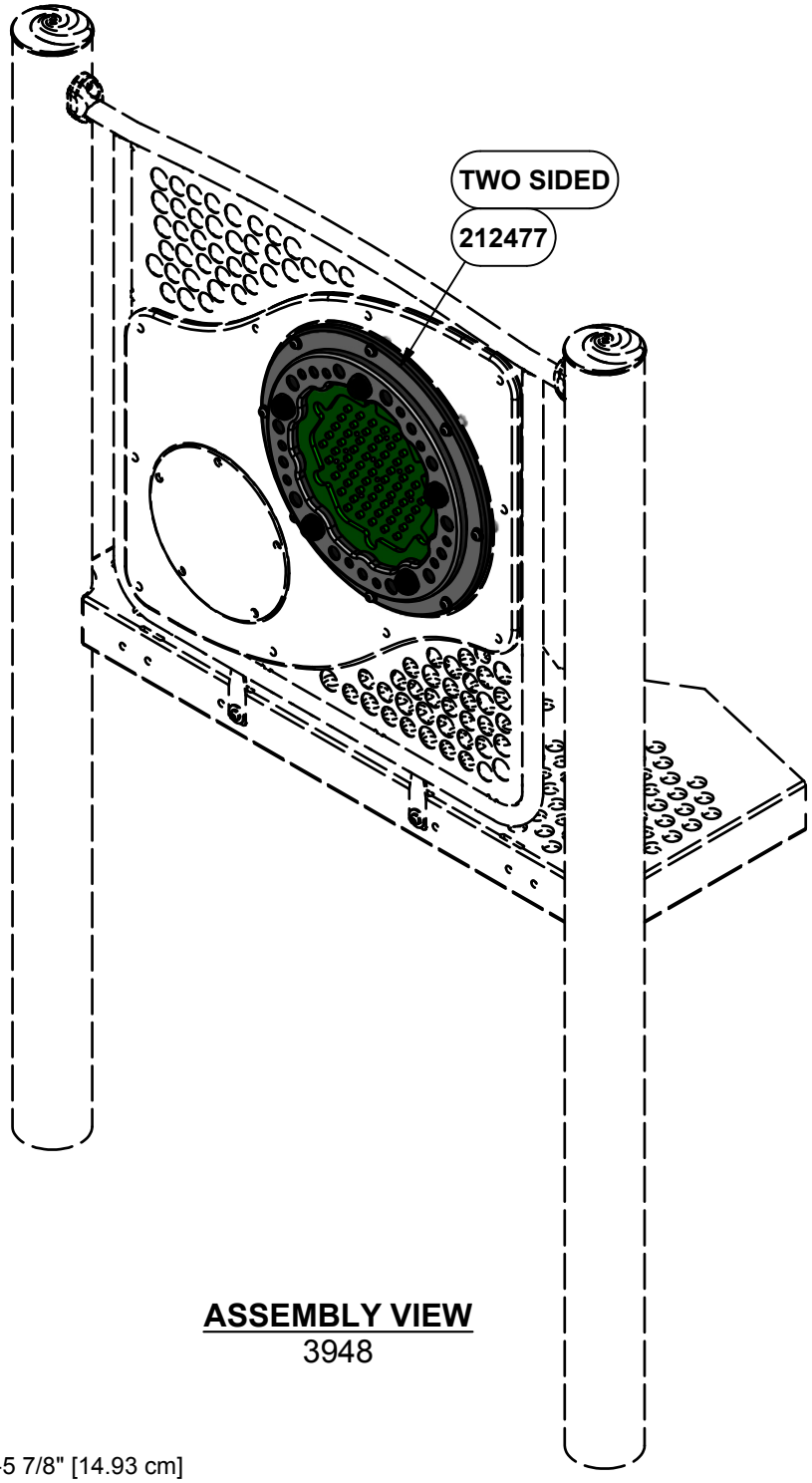
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.



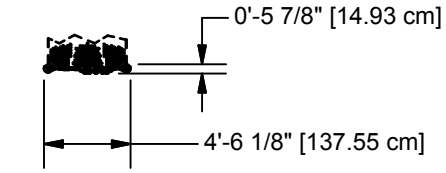
ASSEMBLY VIEW
3947



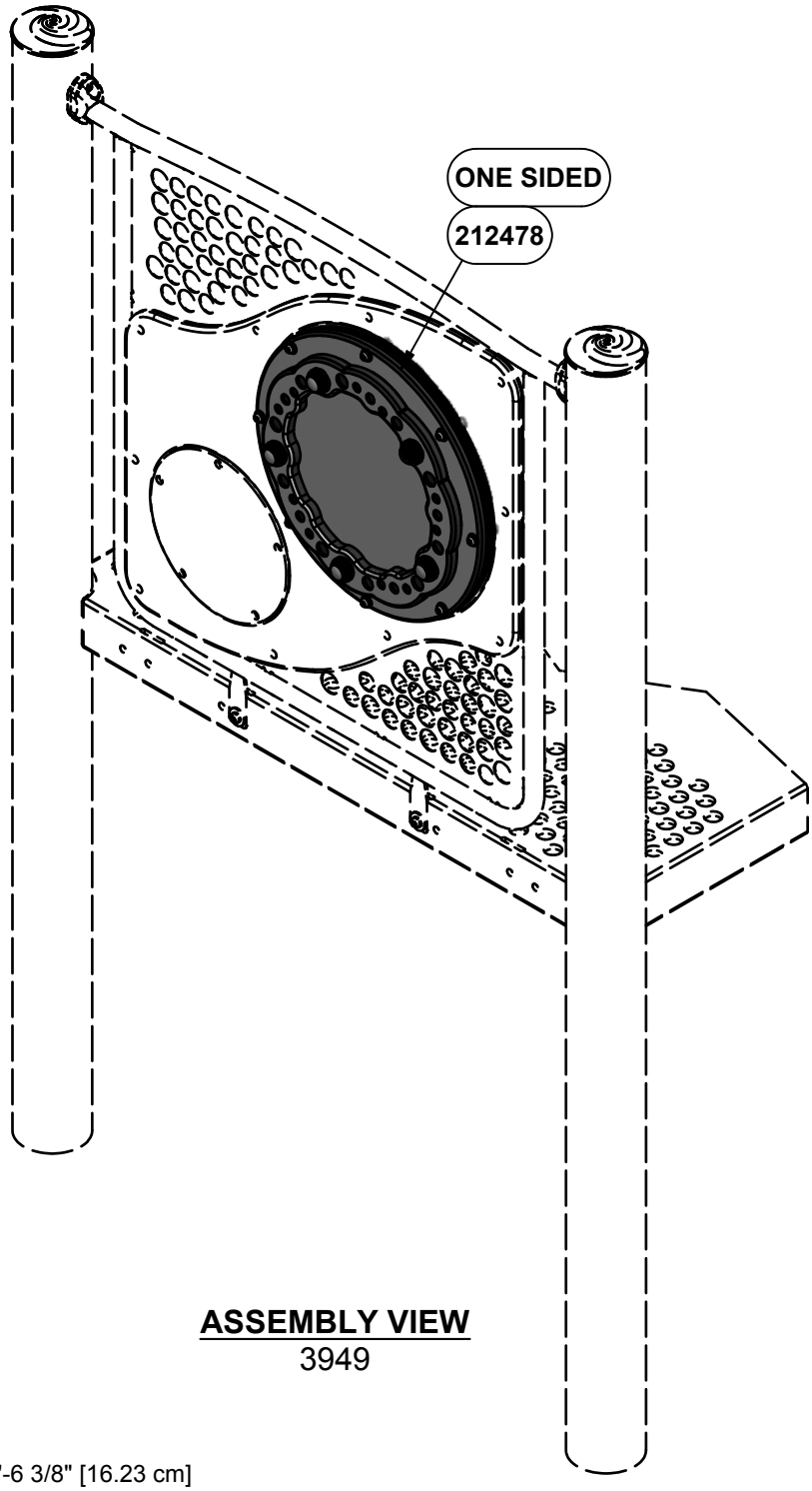
TOP VIEW
3947



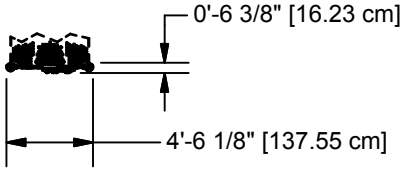
ASSEMBLY VIEW
3948



TOP VIEW
3948



ASSEMBLY VIEW
3949



TOP VIEW
3949

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 protuding 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 fron 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.

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

3947 AND 3949 STEP 1: Attach Pachinko One Sided Panel to HDPE Panel. **REFER TO PAGE 6.**

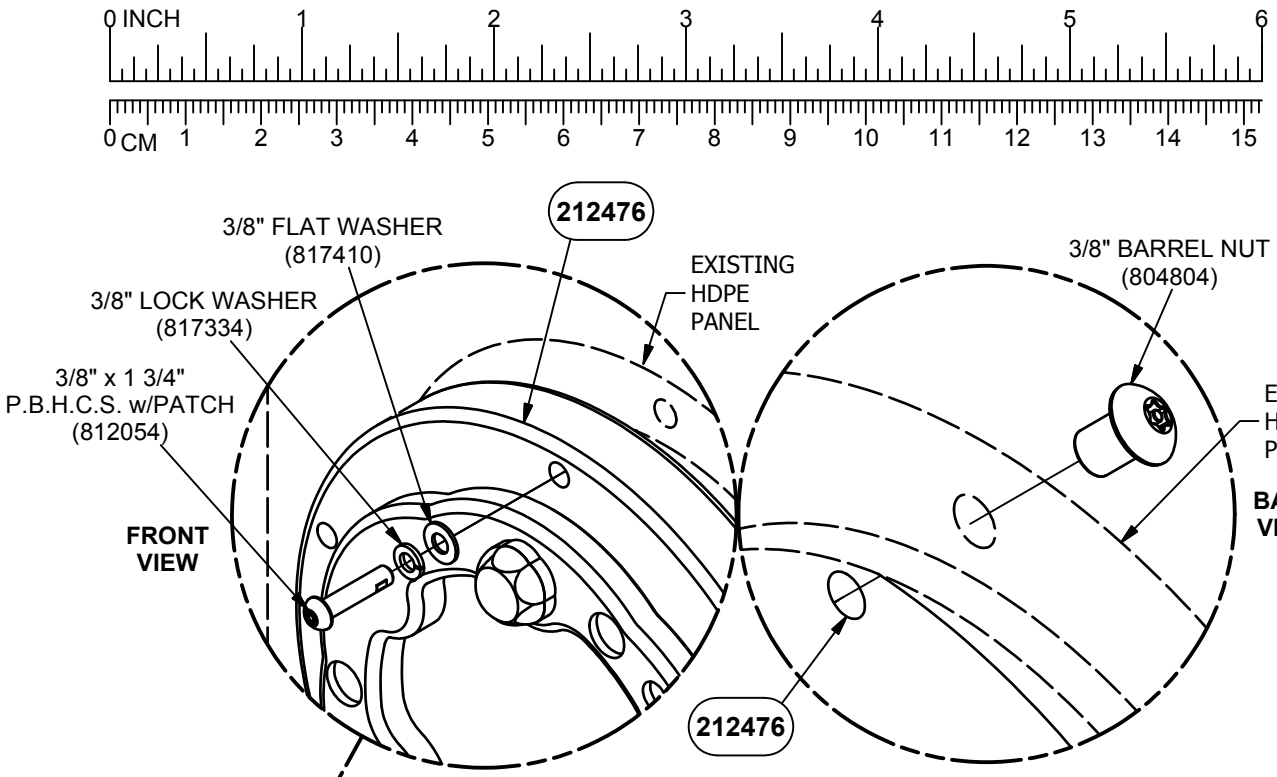
3948 STEP 1: Attach Pachinko Two Sided Panel to HDPE Panel. **REFER TO PAGE 7.**

SPECIFICATIONS

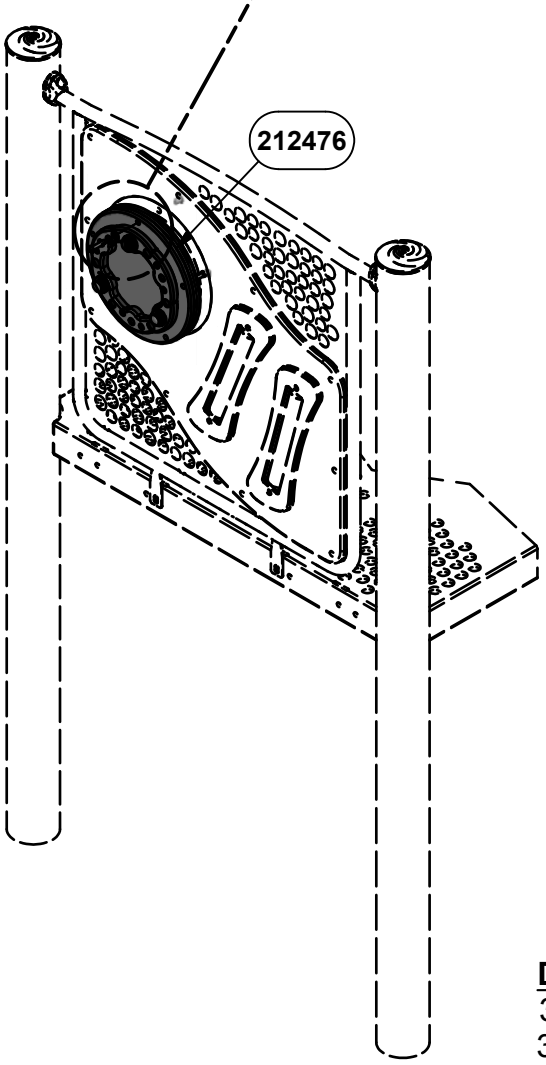
PACHINKO PANEL: Shall be fabricated from 1/2" Thick high density polyethylene, nylon spacers, and 3/16" thick UV inhibitive acrylic with 10mm nylon ball.

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



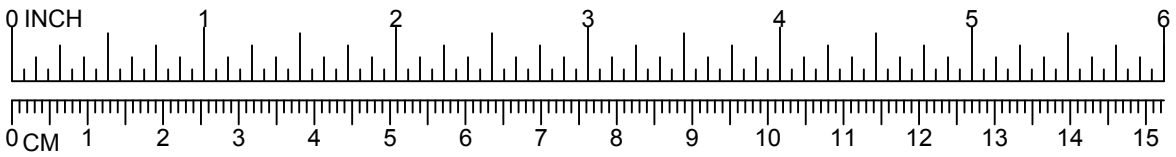
STEP 1
3947 - 5 PLACES
3949 - 8 PLACES

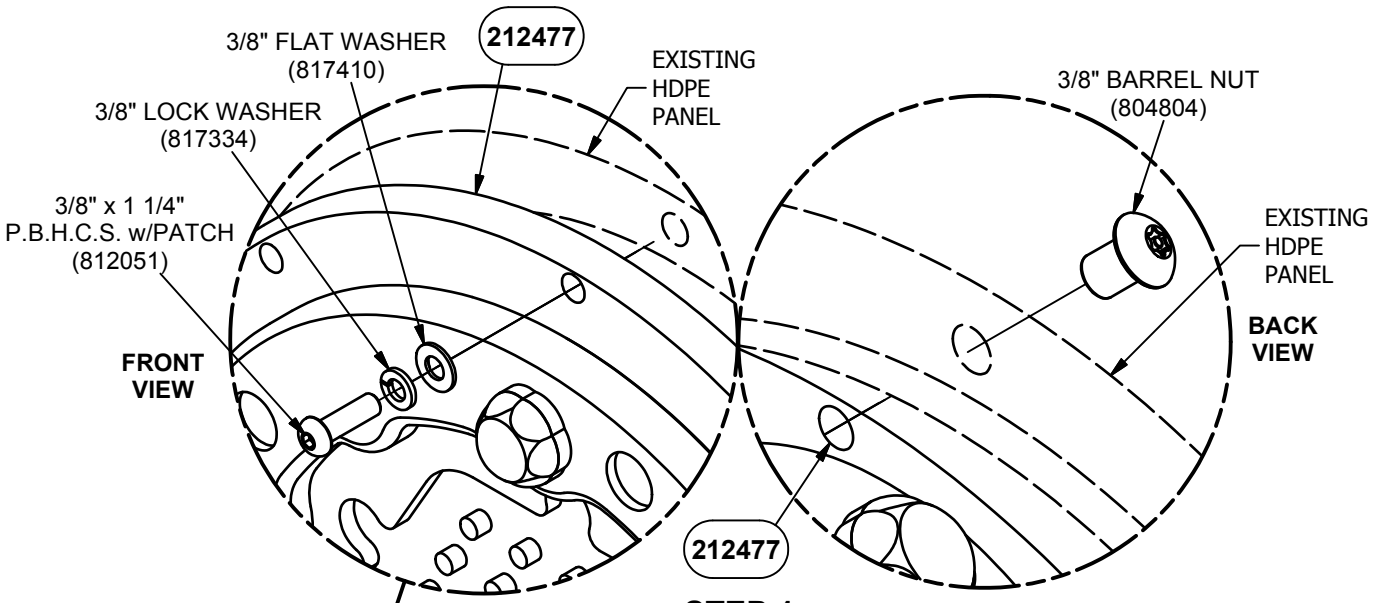


THIS VIEW IS FOR ONE SIDED PANELS ONLY

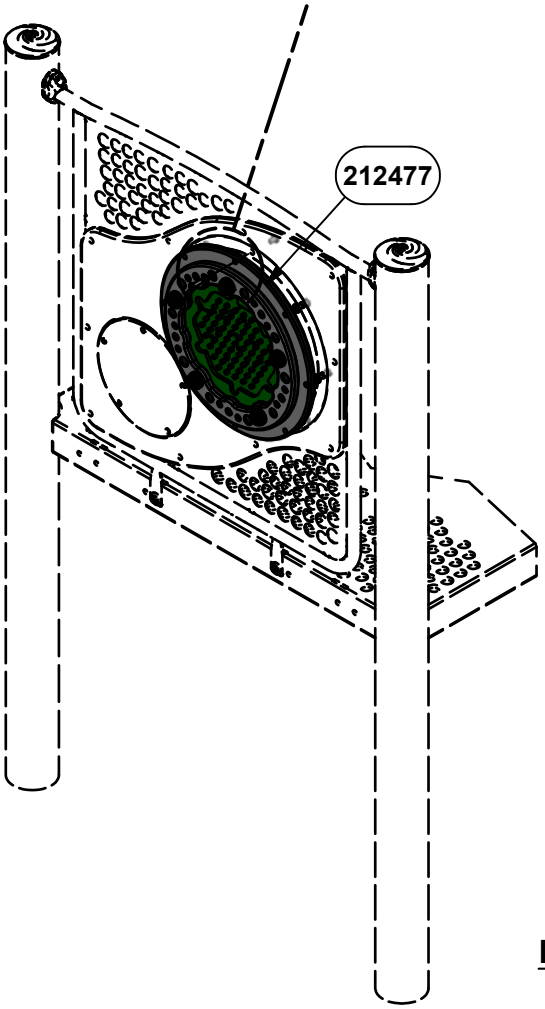
REFER TO PARTS LIST FOR PROPER PACHINKO PANEL

DETAIL VIEW
3947 SHOWN
3949 SIMILAR





STEP 1
3948 - 8 PLACES



THIS VIEW IS FOR TWO SIDED PANELS ONLY

DETAIL VIEW
3948 ONLY

Parts List				
DESCRIPTION	3947	3948	3949	PART NUMBER
12" PACHINKO PANEL ONE SIDED	1	0	0	212476
20" PACHINKO PANEL TWO SIDED	0	1	0	212477
20" PACHINKO PANEL ONE SIDED	0	0	1	212478
HARDWARE COMPLETE	1	0	0	212479
HARDWARE COMPLETE	0	1	0	212475
HARDWARE COMPLETE	0	0	1	212472
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	0	8	0	812051*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	5	0	8	812054*
3/8" BARREL NUT	5	8	8	804804*
3/8" FLAT WASHER	5	8	8	817410*
3/8" LOCK WASHER	5	8	8	817334*

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

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

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

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.

4677

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MELODY CHIMES

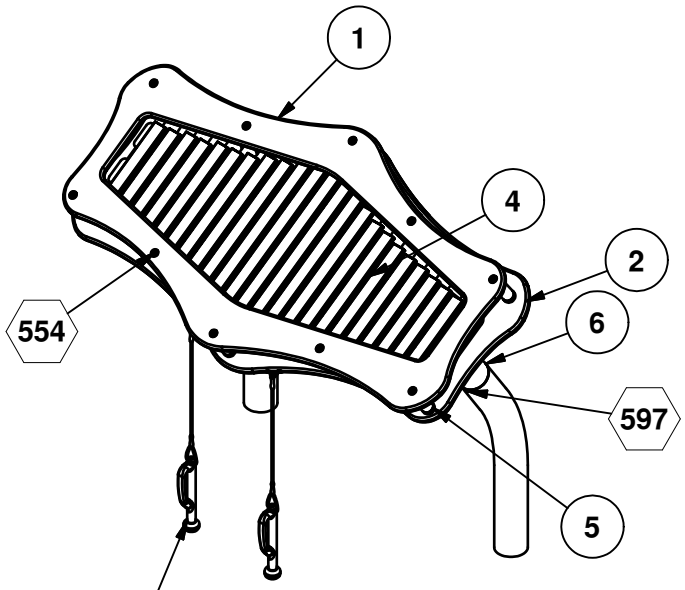
ISSUED/REVISED: 1/10/2020

⬡ = INSTALLATION DETAIL

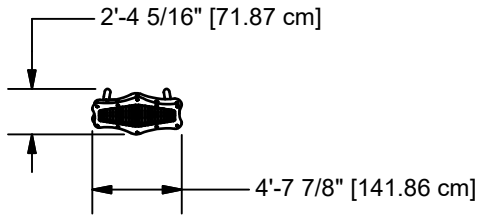
◯ = PARTS LIST REFERENCE



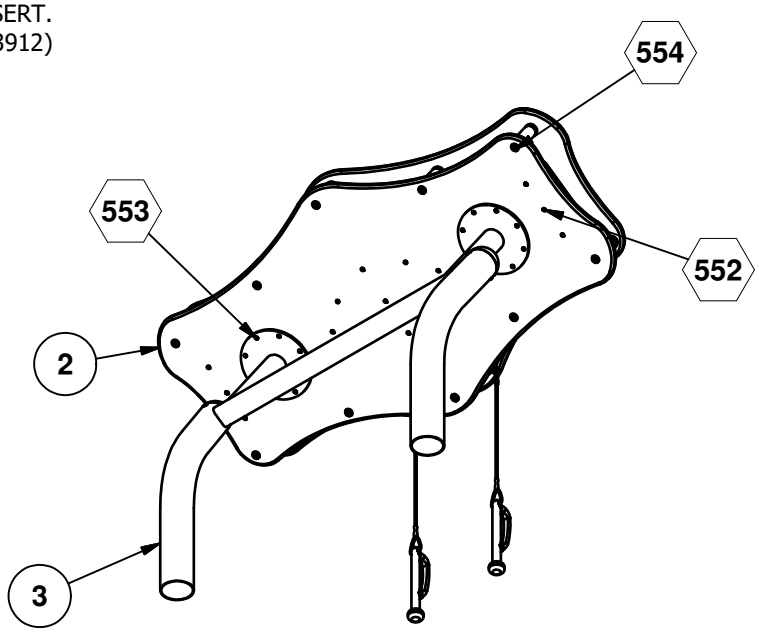
NOTE:
LOWER PRODUCT 0'-8" [20.32 cm] IF INTENDED SPECIFICALLY FOR USE BY 2-5 AGE GROUP



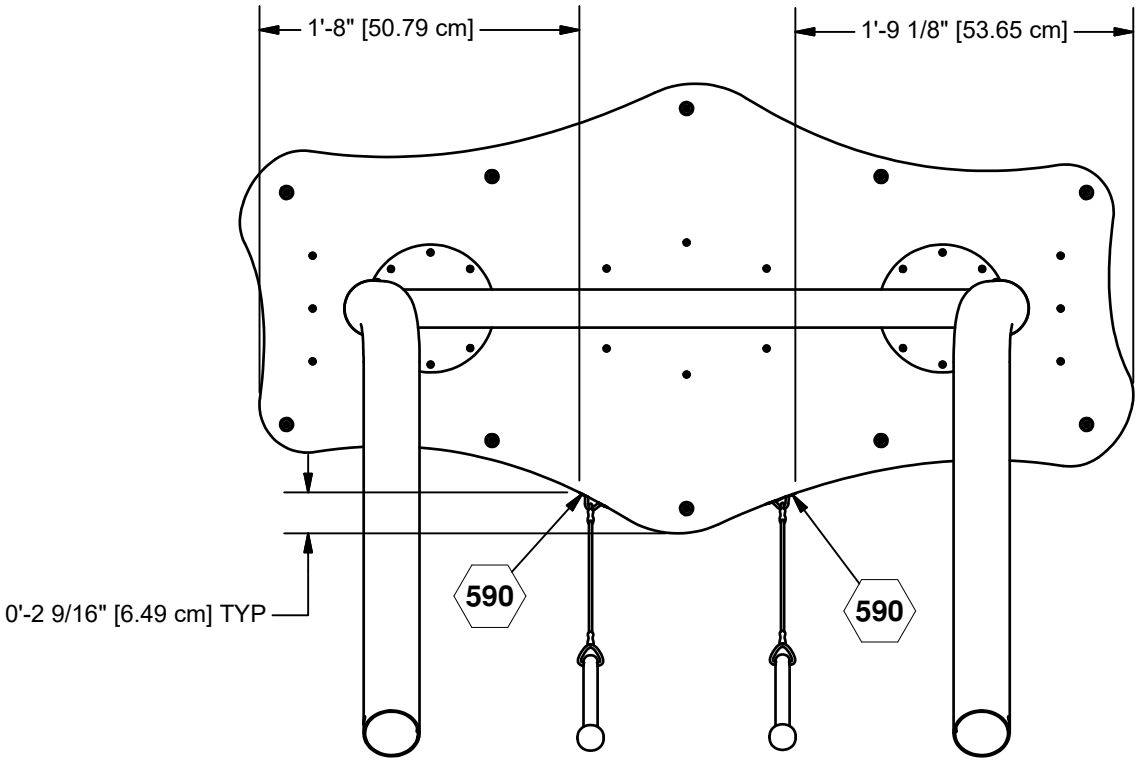
NOTE: MALLETS ARE INCLUDED WITH MELODY CHIMES INSTRUMENT INSERT. (313912)



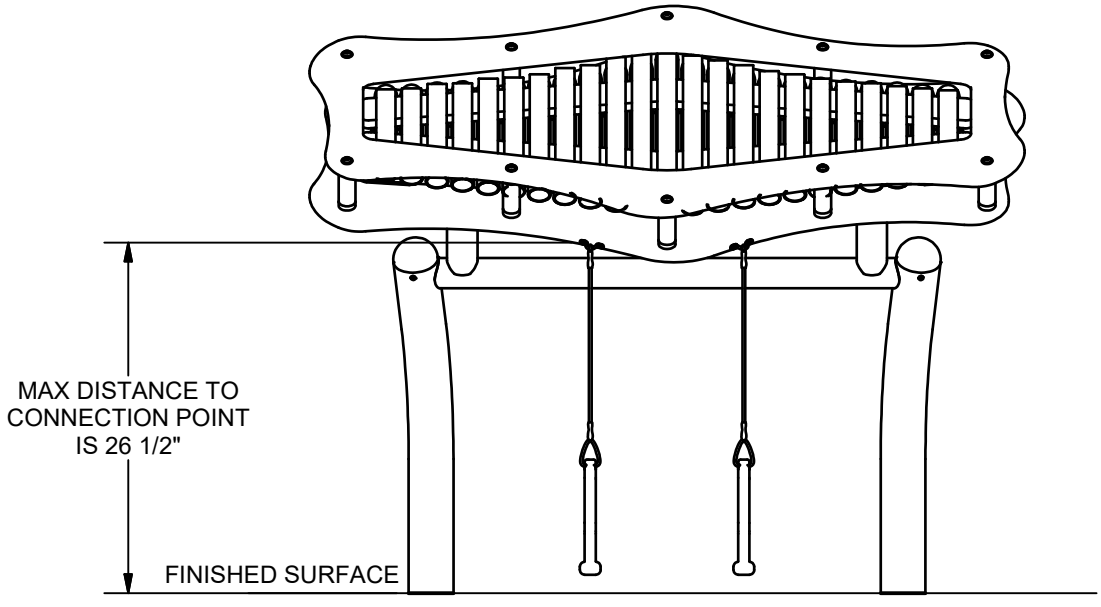
TOP VIEW



ASSEMBLY VIEWS



MALLET PLACEMENT VIEW



MALLET CONNECTION POINT 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 protuding 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 fron and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	MELODY CHIMES FRONT HDPE PANEL	1	313914
2	MELODY CHIMES BACK HDPE PANEL	1	212794
3	MELODY CHIMES SUPPORT ASSEMBLY	1	313919
4	MELODY CHIMES INSTRUMENT INSERT	1	313912
5	MELODY CHIMES SPACER	10	313917
6	3 1/2" DOME CAP	2	212995
	HARDWARE COMPLETE	1	313972
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	20	812053*
	3/8" FLAT WASHER	20	817410*
	#10 x 1 1/4" SHEET METAL SCREW	15	810069*
	#10 x 1 1/2" SHEET METAL SCREW	16	810064*
	3/16" x 13/32" DRIVE RIVET	4	805366*
	#10 x 1" SCREW	4	815506*

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

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.

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

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

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

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

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

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

1. Locate and dig footing holes according to Ground Plan. See Detail 032.

2. Attach Melody Chimes Back HDPE Panel to Melody Chimes Support Assembly. See Detail 553. Attach Caps to Support Assembly using Detail 597.

3. Attach Melody Chimes Instrument Insert to Melody Chimes Back HDPE Panel. See Detail 552

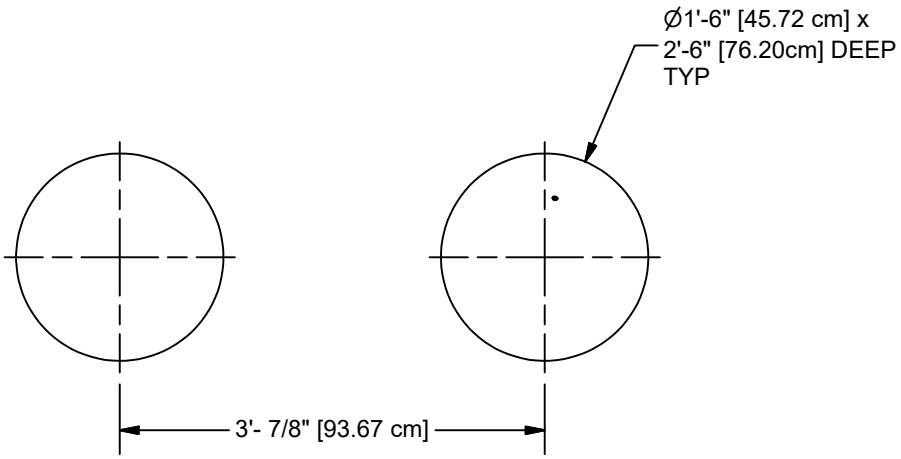
4. Attach Melody Chimes Spacer to Melody Chimes Back HDPE Panel and Melody Chimes Front HDPE Panel. See Detail 554.

5. Attach Mallet Package to Melody Chimes Back HDPE Panel. See Detail 590. Reference Mallet Placement View for placement.

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

7. After entire unit is assembled, pour concrete footings within 4" to the top and taper away from post for water drainage. Allow to cure at least 48 hours before use. Temporary bracing may be required until concrete cures.

8. When structure is finished and satisfactory, eliminate sharp points and edges (burring) on installed hardware like bolts, nuts, etc. Install resilient surfacing material within the use zone of play structure in accordance with ASTM specifications F1292 appropriate for the fall height of each structure. Refer to the safety guidelines.



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

GROUND PLAN

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

SPECIFICATIONS

MELODY CHIMES FRONT HDPE PANEL AND MELODY CHIMES BACK HDPE PANEL:
The HDPE pieces shall be made from 3/4" thick (solid) high density, UV-stabilized and color impregnated polyethylene.

MELODY CHIMES INSTRUMENT PACKAGE:
Shall be constructed of anodized aluminum chimes, plastic slats, and 3/8" thick pvc sheet. Mallet shall be an all plastic construction with stainless steel hardware.

MELODY CHIMES SUPPORT ASSEMBLY:
Shall be an all welded construction fabricated from 2-3/8" O.D. x .095" (13 gauge) wall galvanized steel tubing, 1/4" thick laser cut plate, and 3-1/2" O.D. X .095" (13 gauge) wall galvanized steel tubing.
The Melody Chimes Support Assembly shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with specifications outlined herein.

MELODY CHIMES SPACER:
Shall be fabricated from 1-5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing and threaded insert. The Melody Chimes Spacer shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with specifications outlined herein.

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.

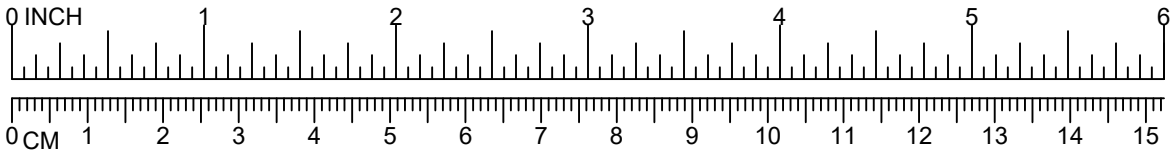
DETAILS -for-
4677

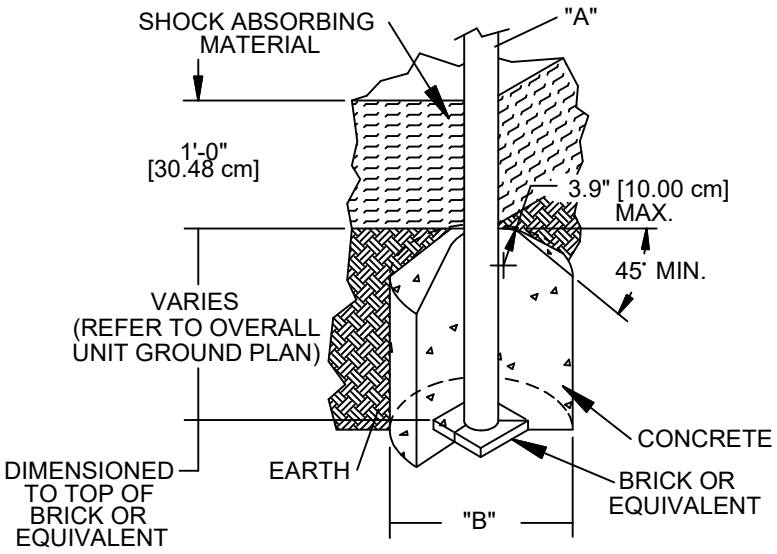
*I*MPORTANT

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

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

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





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

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

032

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

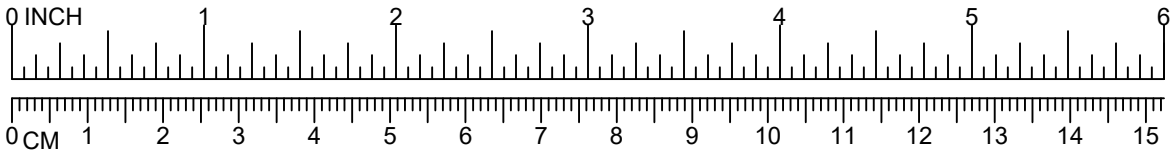
DETAILS -for-
4677

*I*MPORTANT

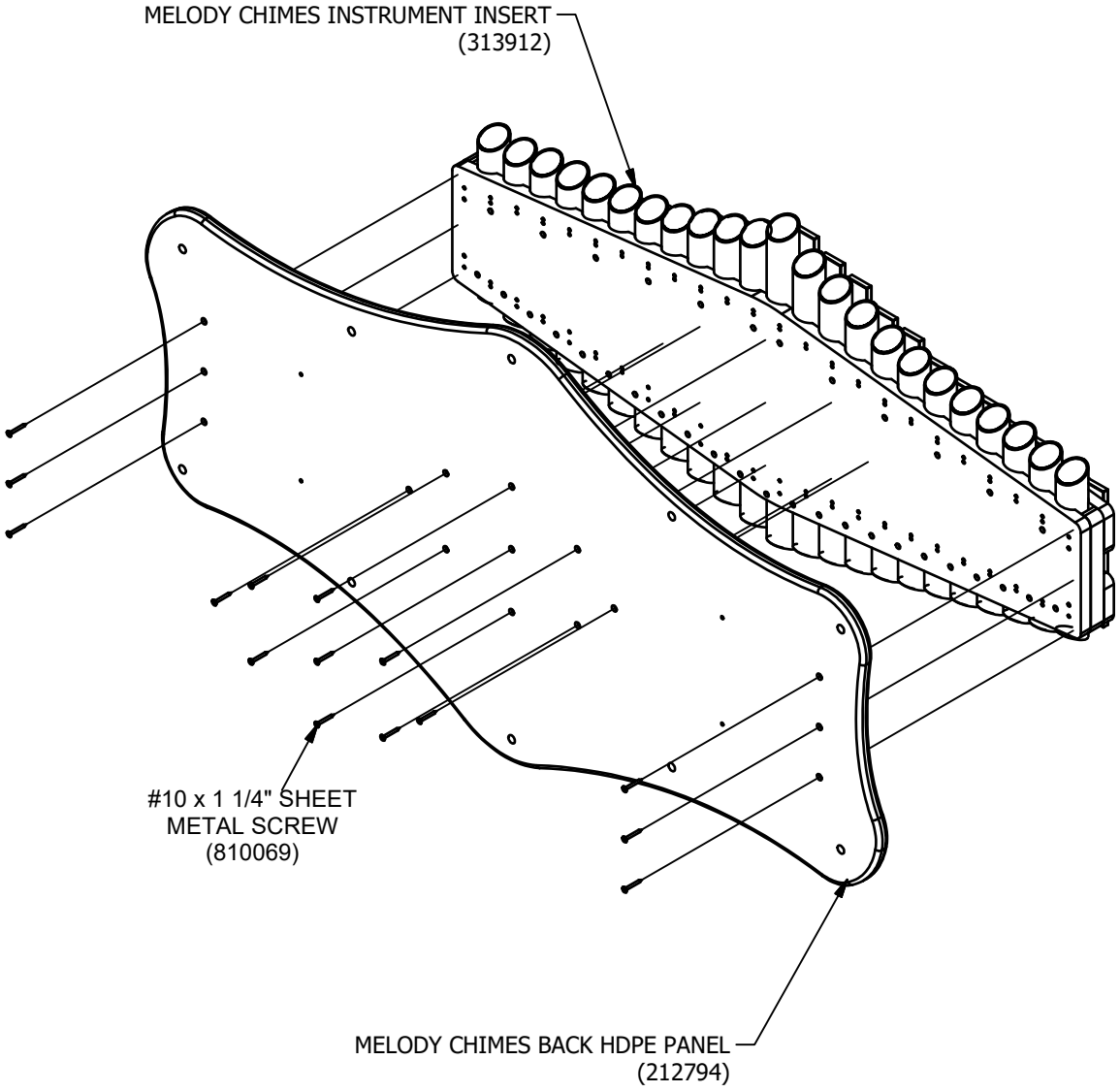
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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.



INPORTANT: ORIENTATION OF INSTRUMENT INSERT IS CRITICAL.
OPEN END OF CHIMES MUST BE FACING DOWN TO ALLOW DRAINAGE.



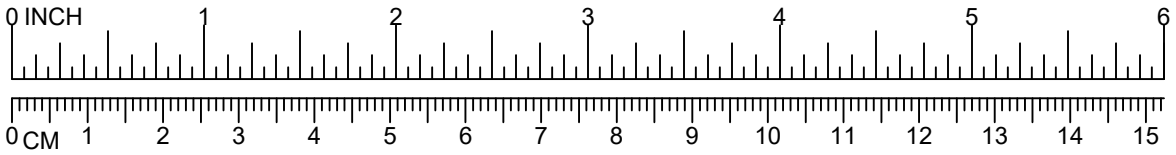
DETAILS -for-
4677

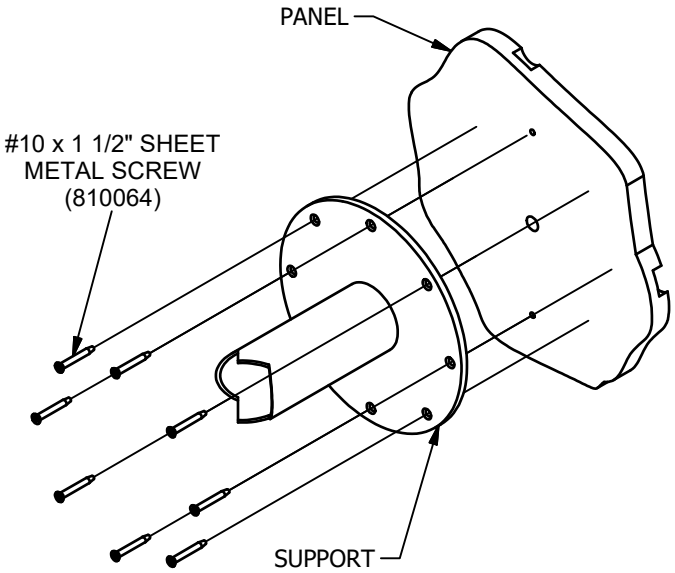
*I*MPORTANT

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.

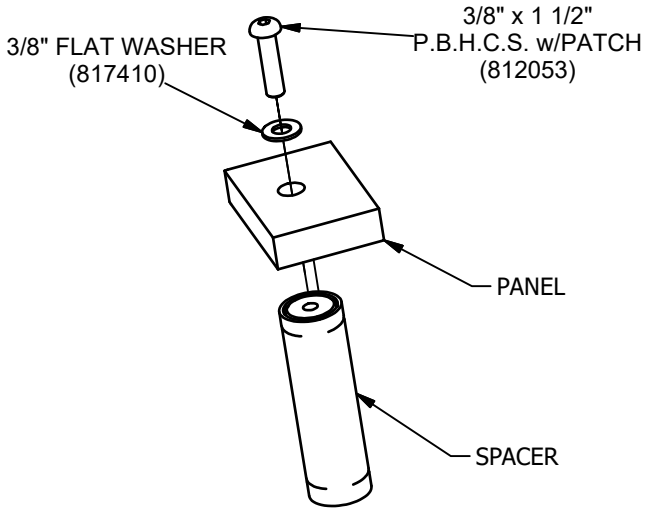
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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

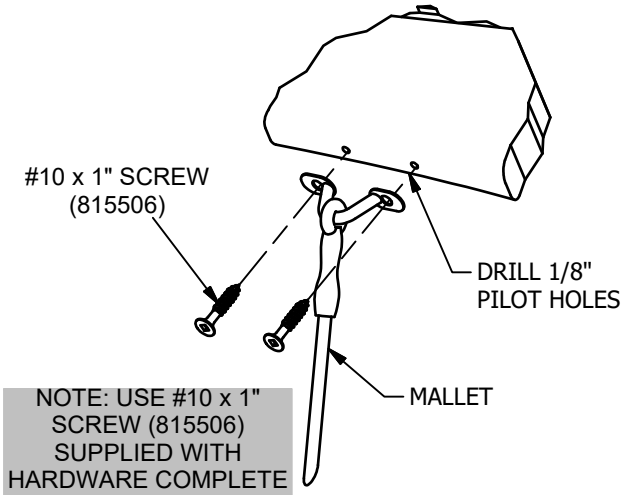




553

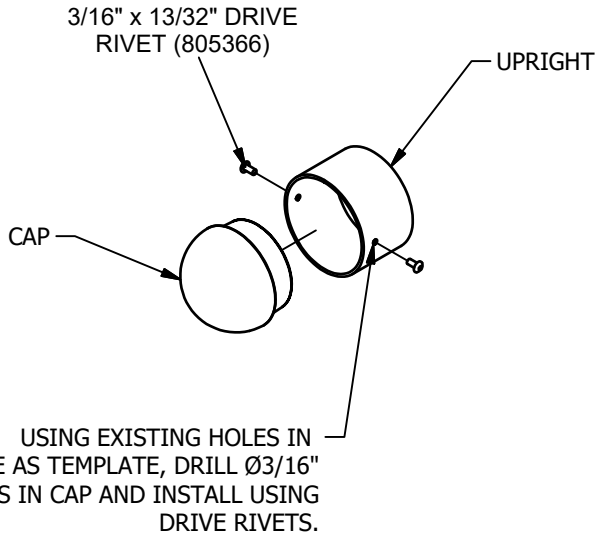


554



NOTE: USE #10 x 1" SCREW (815506) SUPPLIED WITH HARDWARE COMPLETE IN PLACE OF SCREW SUPPLIED WITH MALLET.
PILOT HOLE MUST BE DRILLED BEFORE ATTACHING.

590



597

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4870

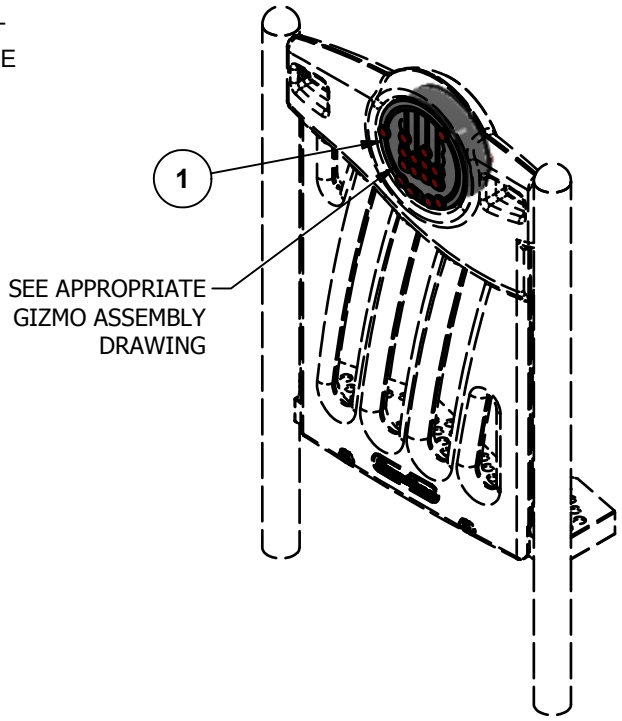
GIZMO
3 IN-A-ROW

ISSUED/REVISED: 10/23/2019

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

3 IN-A-ROW	**4870**
3 IN-A-ROW W/ BACK	**4871**
3 IN-A-ROW W/ MAZE	**4872**
MAZE	**4873**
MAZE W/ BACK	**4874**



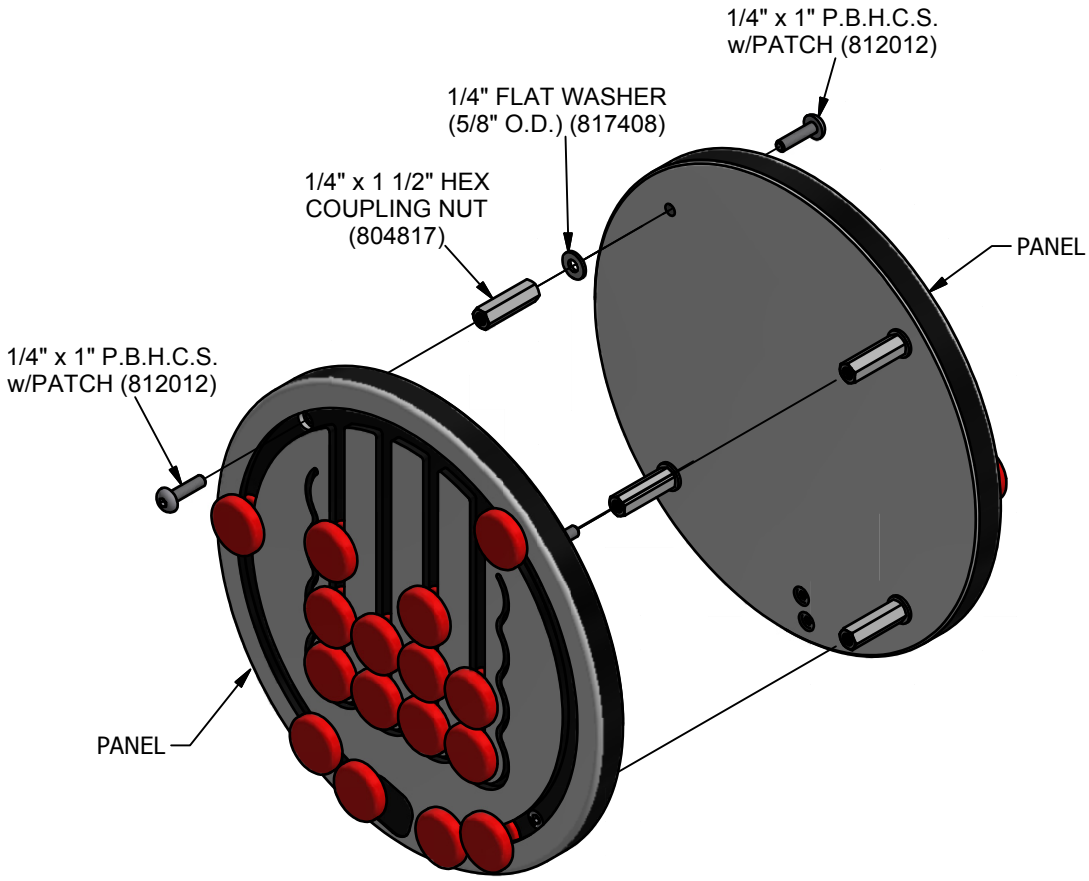
ASSEMBLY DRAWING
4870 SHOWN
OTHERS SIMILAR

Parts List							
REF	DESCRIPTION	4870	4871	4872	4873	4874	PART NUMBER
1	3 IN-A-ROW GIZMO PANEL	2	1	1	0	0	218366
2	BACK FINGER MAZE GIZMO PANEL	0	1	0	0	1	218367
3	MAZE SLIDER GIZMO PANEL	0	0	1	2	1	218368
	HARDWARE COMPLETE	1	1	1	1	1	218369
	1/4" x 1" P.B.H.C.S. w/PATCH	8	8	8	8	8	812012*
	1/4" FLAT WASHER (5/8" O.D.)	4	4	4	4	4	817408*
	1/4" x 1 1/2" HEX COUPLING NUT	4	4	4	4	4	804817*

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.



ASSEMBLY DRAWING

4870/4871/4872/4873/4874

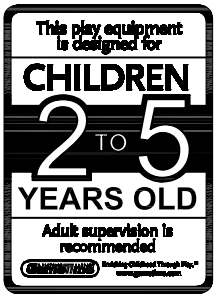
A PLAYCORE COMPANY GameTime®
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1-800-235-2440

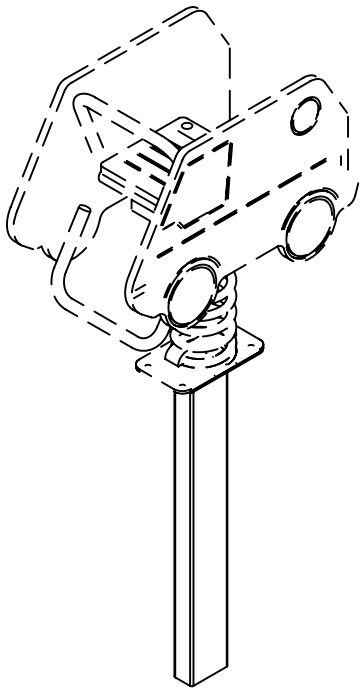
4880
INGROUND MOUNT FOR SPRING RIDER

ISSUED/REVISED: 10/19/07

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE





VAN SPRING RIDER SHOWN
(SOLD SEPARATELY)

SPECIFICATIONS

BASE ASSEMBLY: Shall be one piece all welded construction made from 4" x 2" x 3/16" Rectangular Structural Tubing and 3/16" x 6" x 10" hot rolled steel plate. The
assembly shall be coated with a custom formula TGIC polyester powder coating.
HARDWARE: All nuts, bolts, screws and lockwashers used in the assembly of all equipment, shall be stainless
steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/ yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.
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.

☐ Check to be sure all fittings are tight and that the bars and pipes do not move.

☐ A soft, resilient surface should be placed under all climbers, extending at least six feet in all directions surrounding the climbers. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

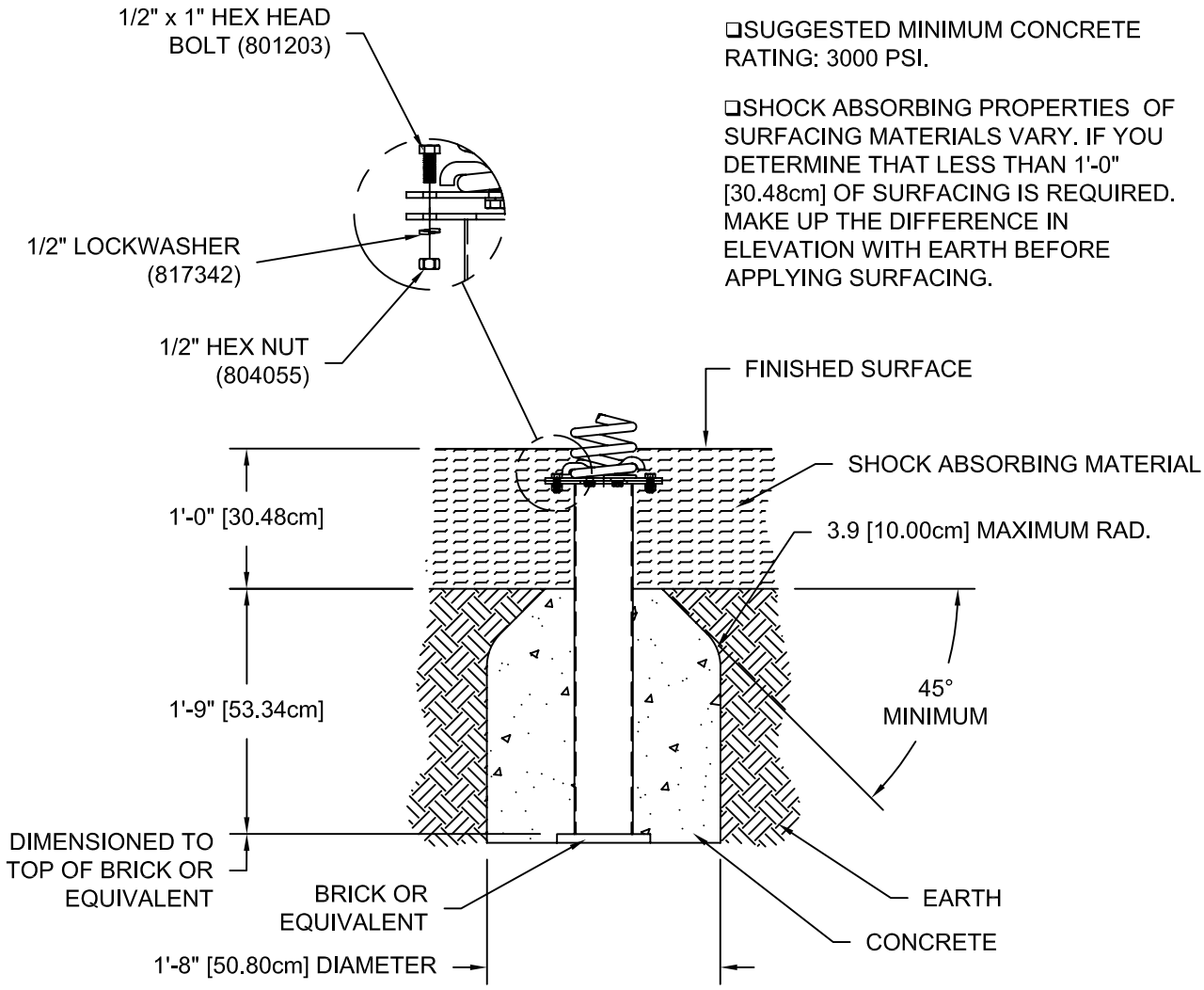
SET UP INSTRUCTIONS

NOTE: THIS SPECIFICATION BOOKLET SHOULD BE KEPT IN
CUSTOMERS FILE FOR FUTURE REFERENCE.
NOTE: Do not over tighten bolts. To over tighten may cause buckling or dimpling of some parts.
NOTE: Read installation instructions thoroughly before starting assembly. Pour concrete only after final assembly is complete. Bracing material may be required during assembly.
NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.
NOTE: Assembly and leveling time will be greatly reduced if a transit is used to set location and depth of ground holes.
NOTE: Due to extremes in weather and soil conditions, hole size may have to be increased to meet local conditions.
STEP 1: Dig ground hole per "Assembly Drawing".
NOTE: After installation, the seat height should be between 1'-2" [35.56 cm] and 2'-4" [71.12 cm] above the protective surfacing.
STEP 2: Place Base Assembly in ground hole and fill with concrete per "Assembly Drawing". Allow 72 hours for concrete to cure.
STEP 3: Attach base plate of Spring Rider to base assembly using the 1/2" hardware shown in the Assembly Drawing.
NOTE: Shaft and bearing retainer should be used on all threaded hardware.

❑SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1.

❑SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI.

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



NOTES:

CONCRETE REQUIREMENT: .14 CUBIC YARDS [.11 CUBIC METERS]

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

ASSEMBLY DRAWING

PARTS LIST

REF. NO.	*DESCRIPTION*	*NO. REQ'D.*	*PART NUMBER*
1	Base Ass'y.	1	177218
	Hardware Complete	1	161648
	1/2" x 1" Hex Head Bolt	4	801203*
	1/2" Hex Nut	4	804055*
	1/2" Lockwasher	4	817342*
	Shaft and Bearing Retainer	1	803517*

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.

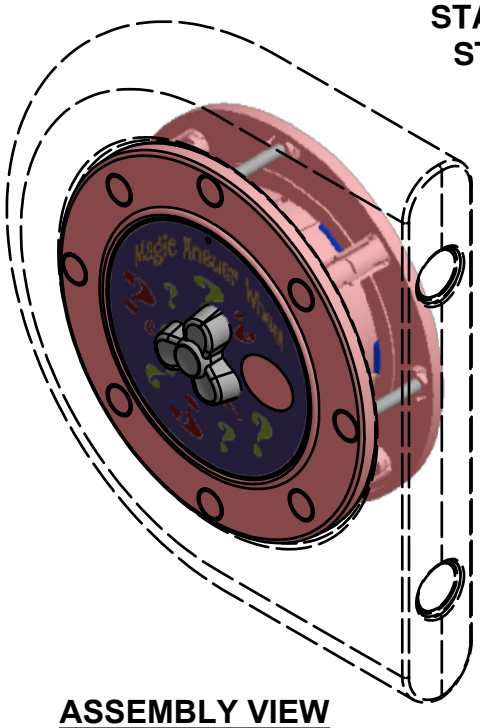
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4956

GIZMO ASSEMBLIES

ISSUED/REVISED: 11/15/2021

ANSWER WHEEL	**4956**
BUBBLE MIRROR	**4957**
HYPNO WHEEL	**4958**
MAZE WHEEL	**4959**
STAINED GLASS YELLOW	**4960**
STAINED GLASS GREEN	**4961**
ECHO CHAMBER	**4962**



ASSEMBLY VIEW
4956 SHOWN
OTHERS SIMILAR

Parts List								
DESCRIPTION	4956	4957	4958	4959	4960	4961	4962	PART NUMBER
ANSWER WHEEL	1	0	0	0	0	0	0	219419
BUBBLE MIRROR	0	1	0	0	0	0	0	219420
HYPNO WHEEL	0	0	1	0	0	0	0	219421
MAZE WHEEL	0	0	0	1	0	0	0	219422
STAINED GLASS YELLOW	0	0	0	0	1	0	0	219423
STAINED GLASS GREEN	0	0	0	0	0	1	0	219725
ECHO CHAMBER	0	0	0	0	0	0	1	220825

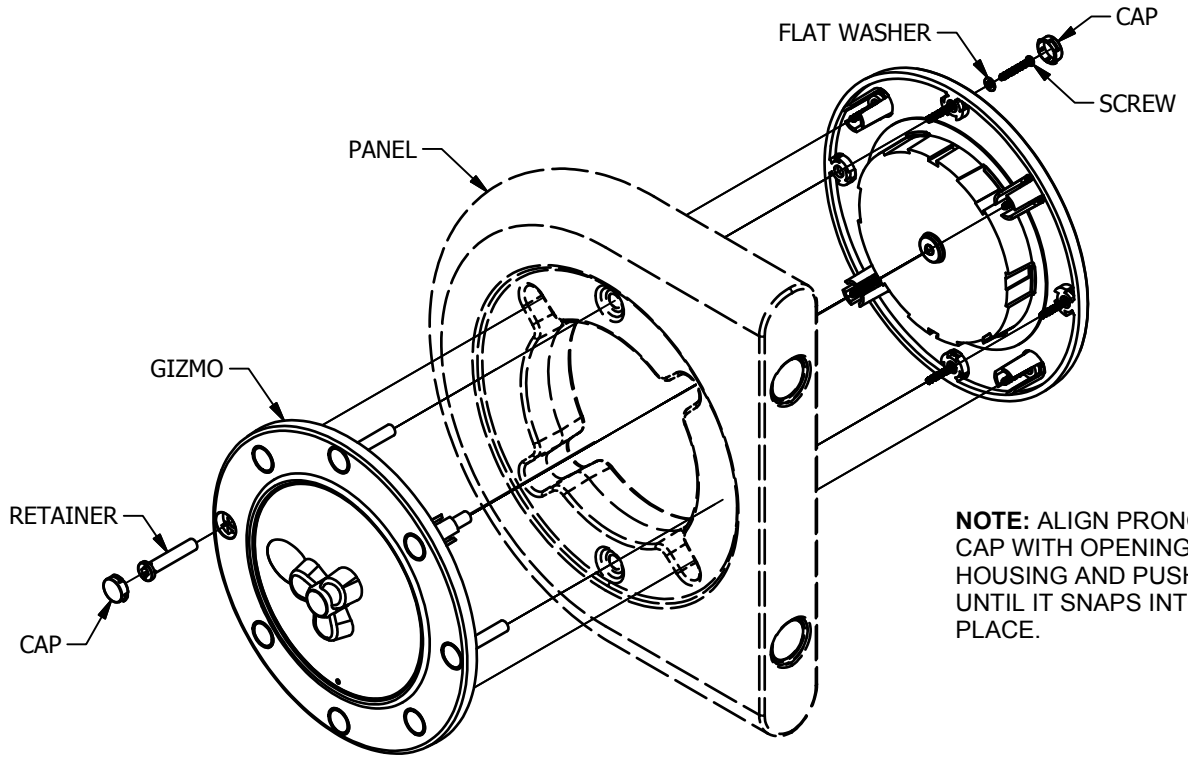
Unless Otherwise Specified, All Units of Measure are Each

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

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

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

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.

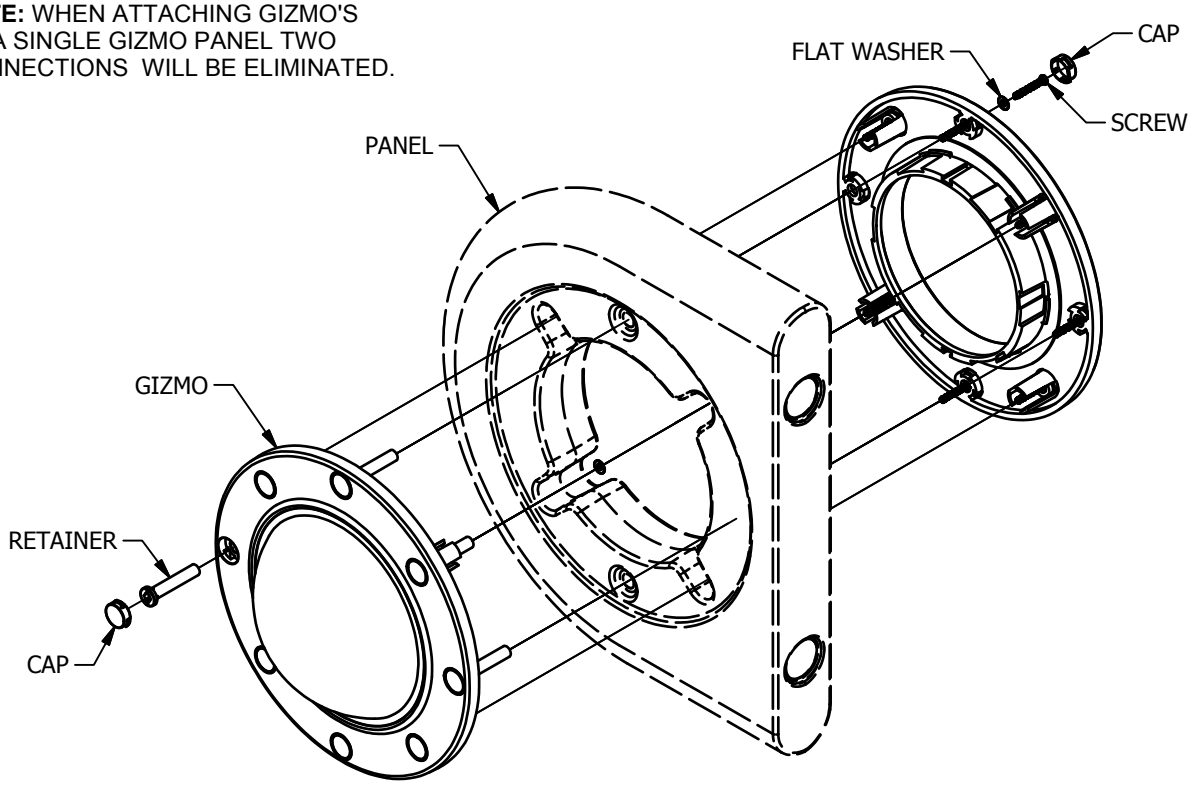


NOTE: ALIGN PRONGS OF CAP WITH OPENINGS OF HOUSING AND PUSH IN UNTIL IT SNAPS INTO PLACE.

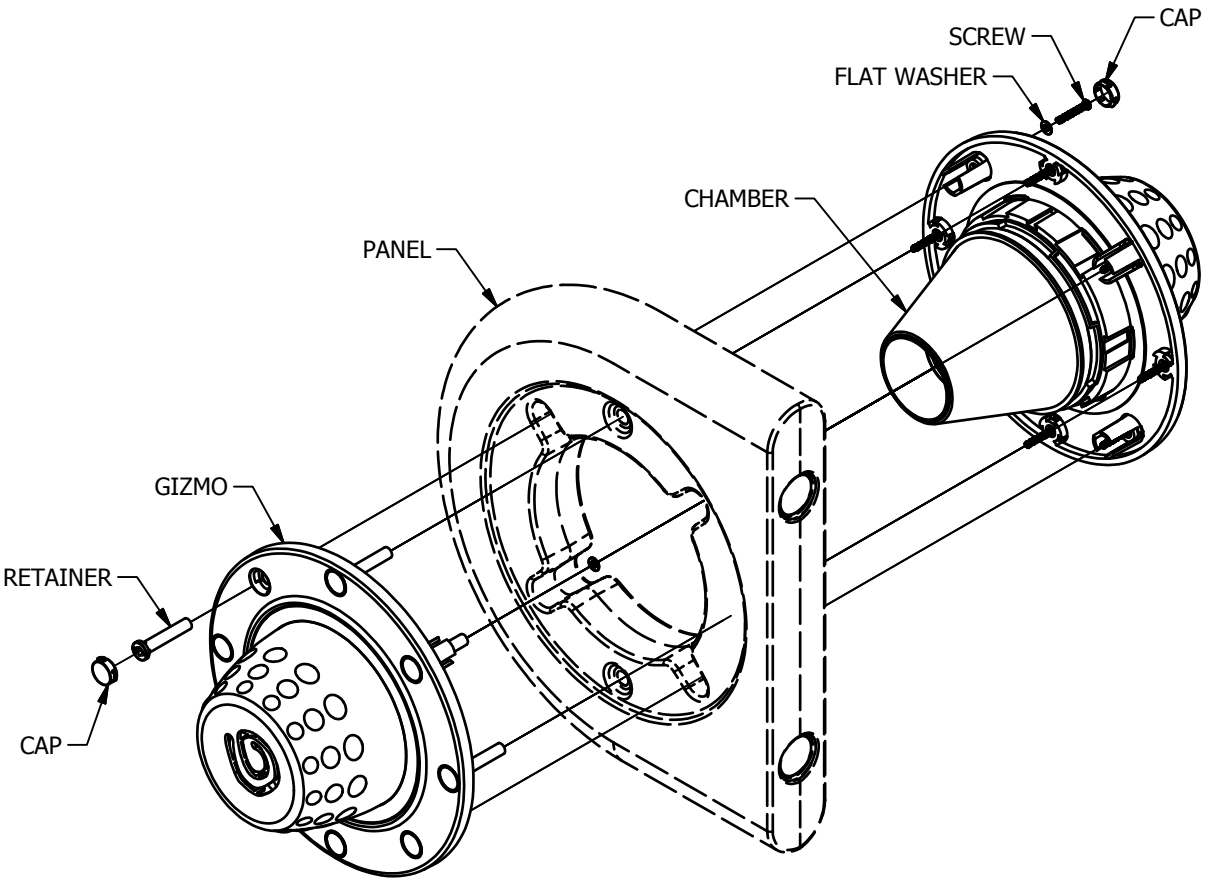
DETAIL VIEW
4956, 4958, AND 4959

4956 ONLY: MOUNT ANSWER WHEEL SO ANSWER IN WINDOW IS ON THE RIGHT SIDE.

NOTE: WHEN ATTACHING GIZMO'S TO A SINGLE GIZMO PANEL TWO CONNECTIONS WILL BE ELIMINATED.



DETAIL VIEW
4957, 4960, AND 4961



DETAIL VIEW
4962 ONLY

NOTE: WHEN ATTACHING GIZMO'S TO A SINGLE GIZMO PANEL TWO CONNECTIONS WILL BE ELIMINATED.

NOTE: ALIGN PRONGS OF CAP WITH OPENINGS OF HOUSING AND PUSH IN UNTIL IT SNAPS INTO PLACE.

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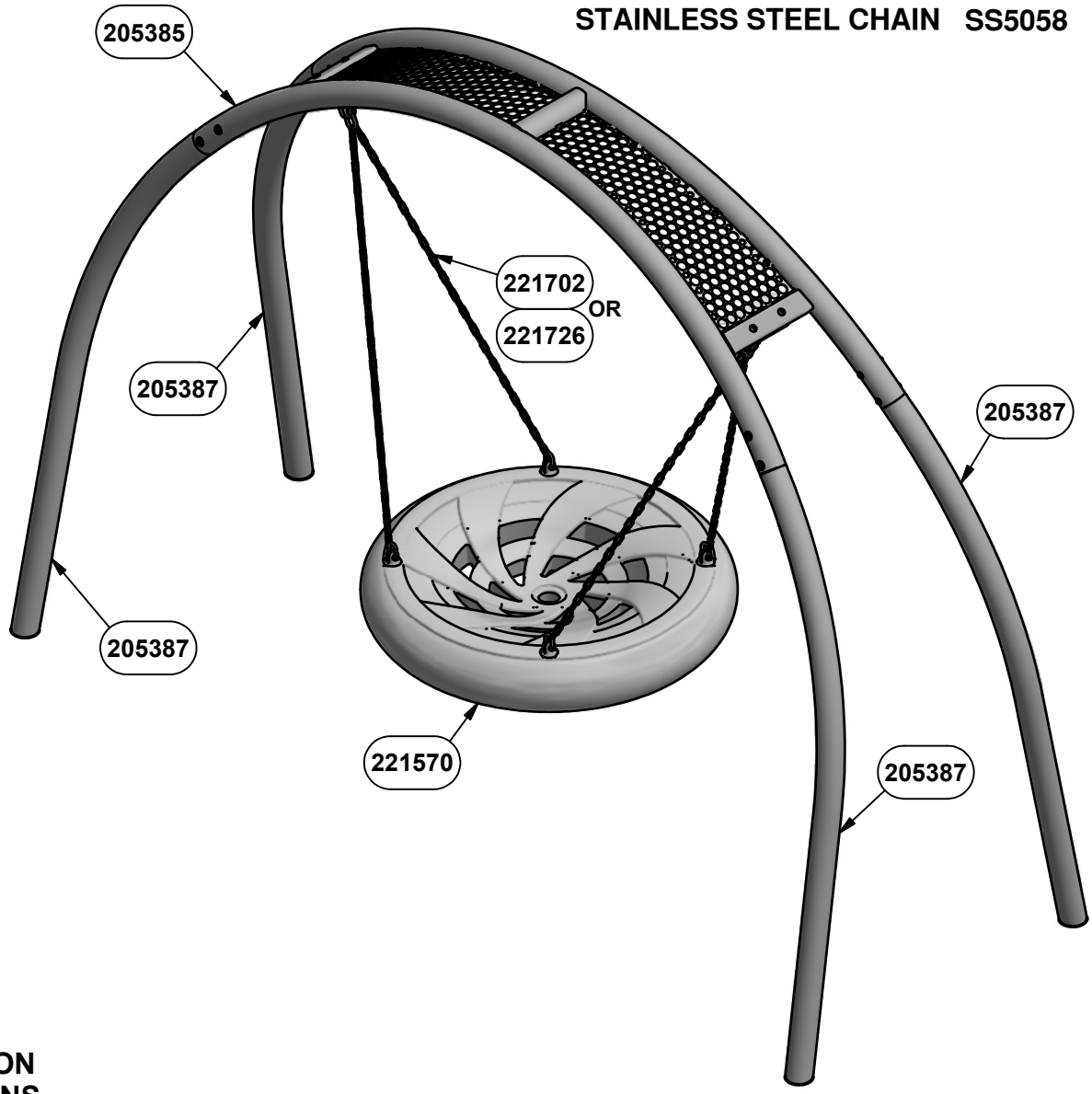
5058

ARCH SWING

ISSUED/REVISED: 8/13/2024



GALVANIZED CHAIN 5058
STAINLESS STEEL CHAIN SS5058



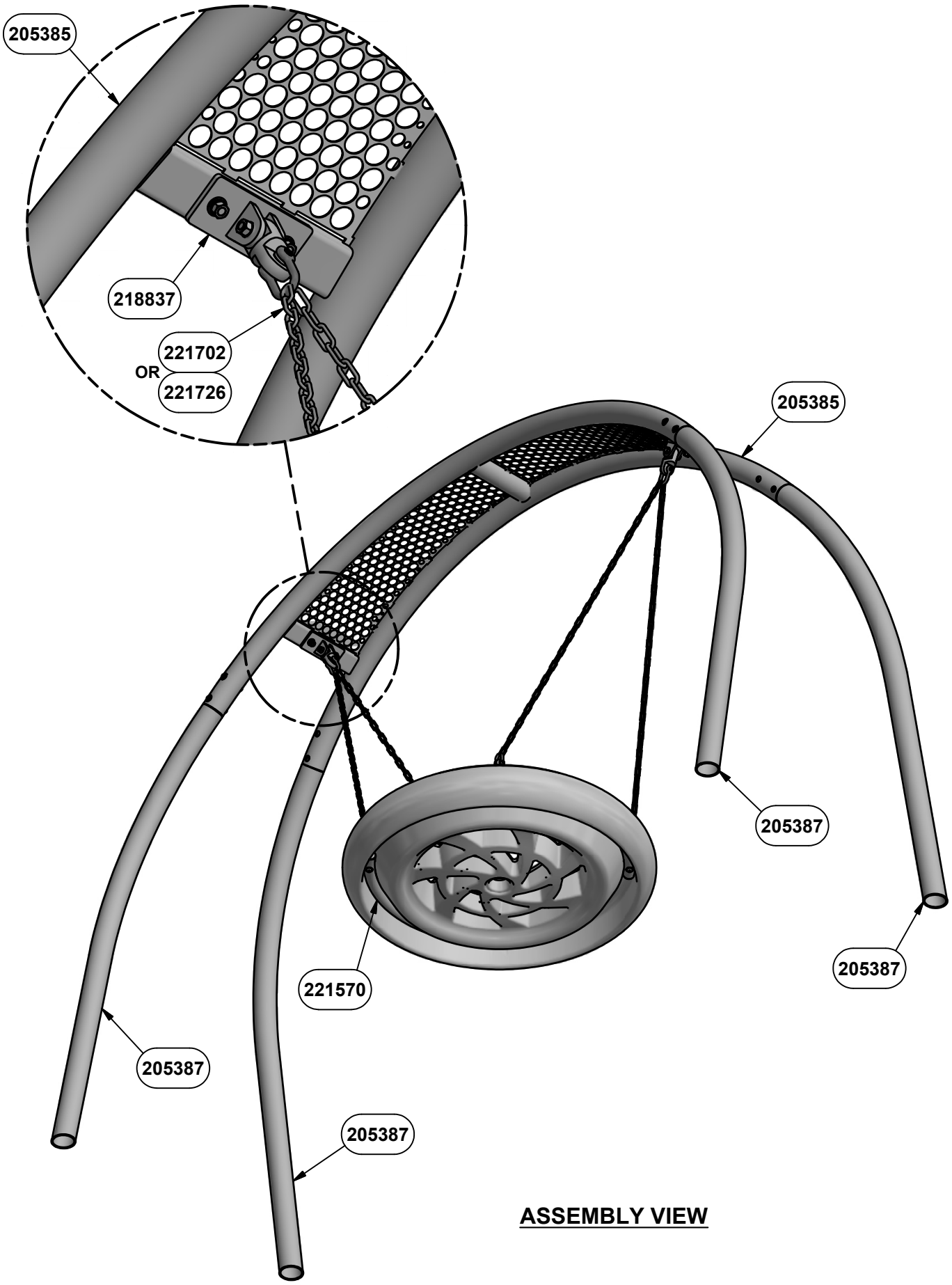
ASSEMBLY VIEW

INSTALLATION INSTRUCTIONS

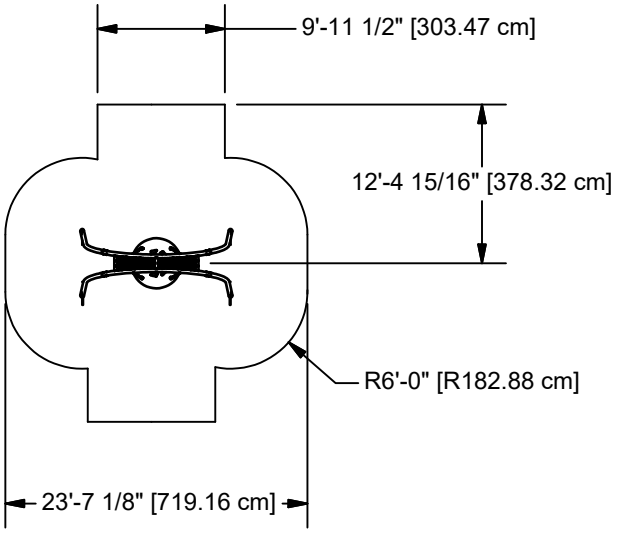
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE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

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

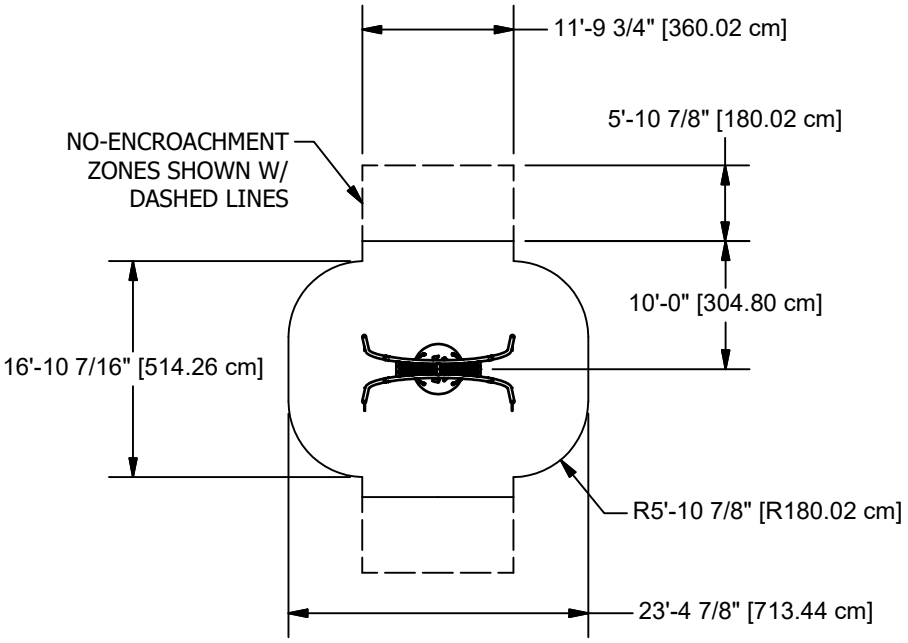
*UNDER LOADED CONDITION BASED ON WEIGHT OF 165lb. [75kg.]



ASSEMBLY VIEW

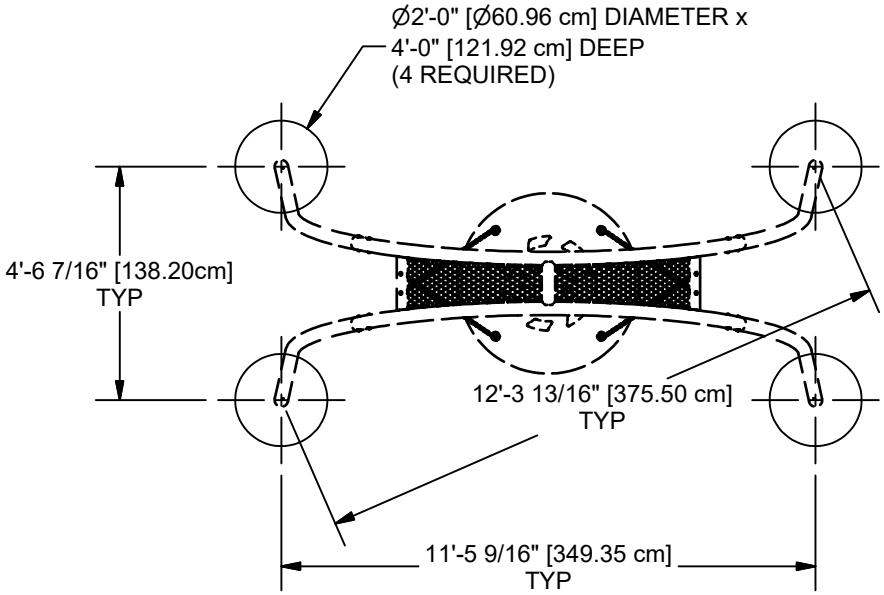


TOP VIEW



CSA ONLY

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



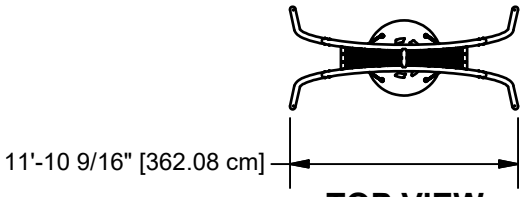
PLAN VIEW

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.

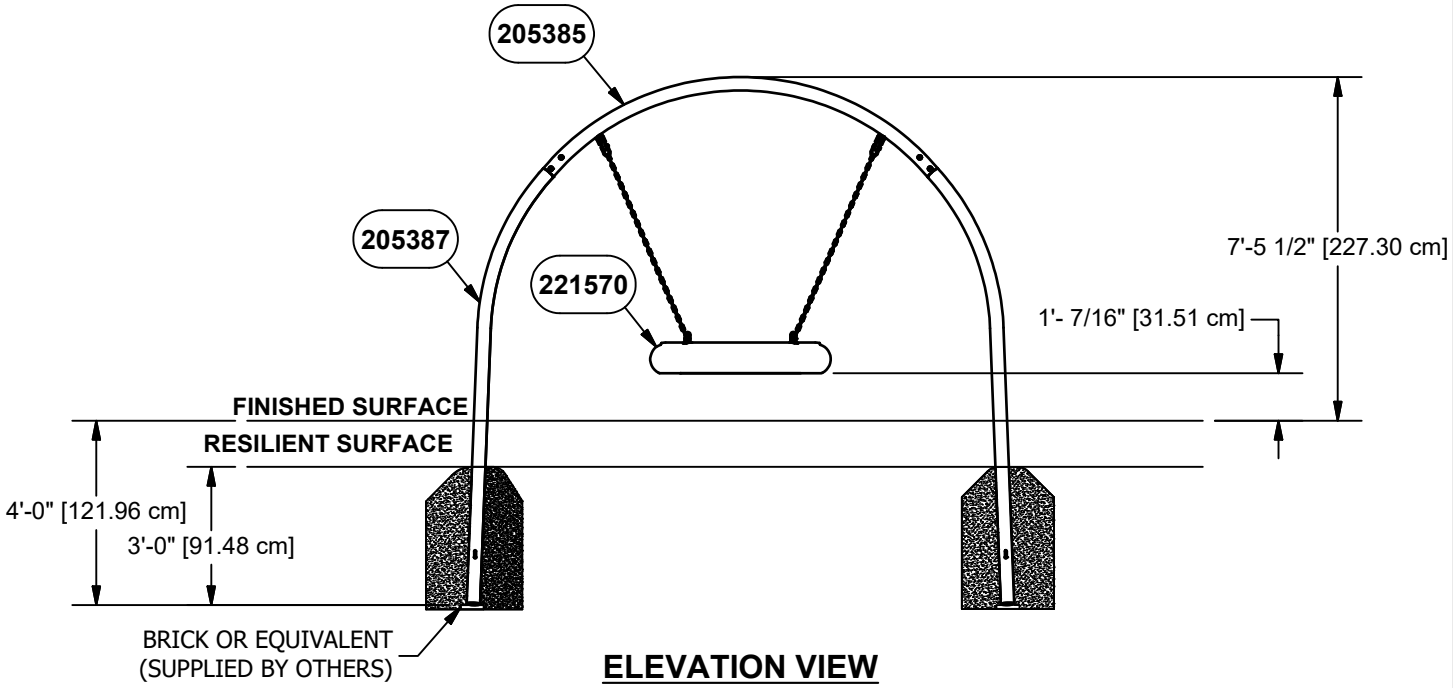
CONCRETE REQUIRED
1.40 CUBIC YARDS
[1.07 CUBIC METERS]

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

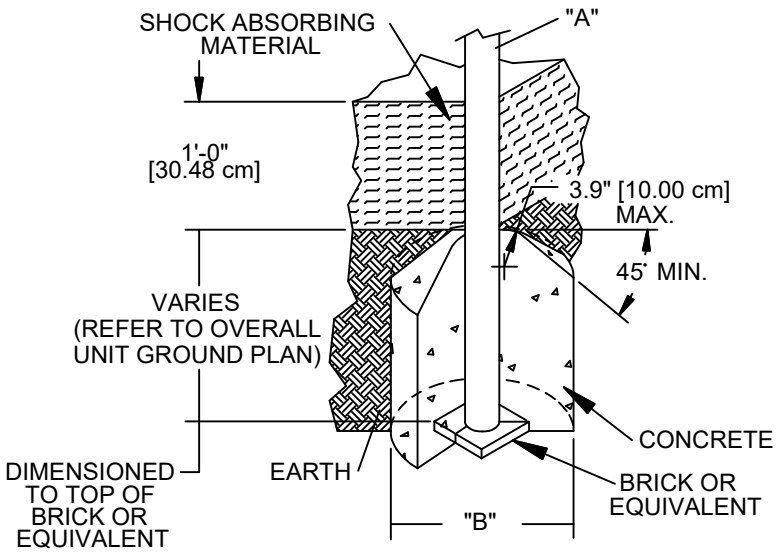
*UNDER LOADED CONDITION BASED ON WEIGHT OF 165lb. [75kg.]



TOP VIEW



ELEVATION VIEW

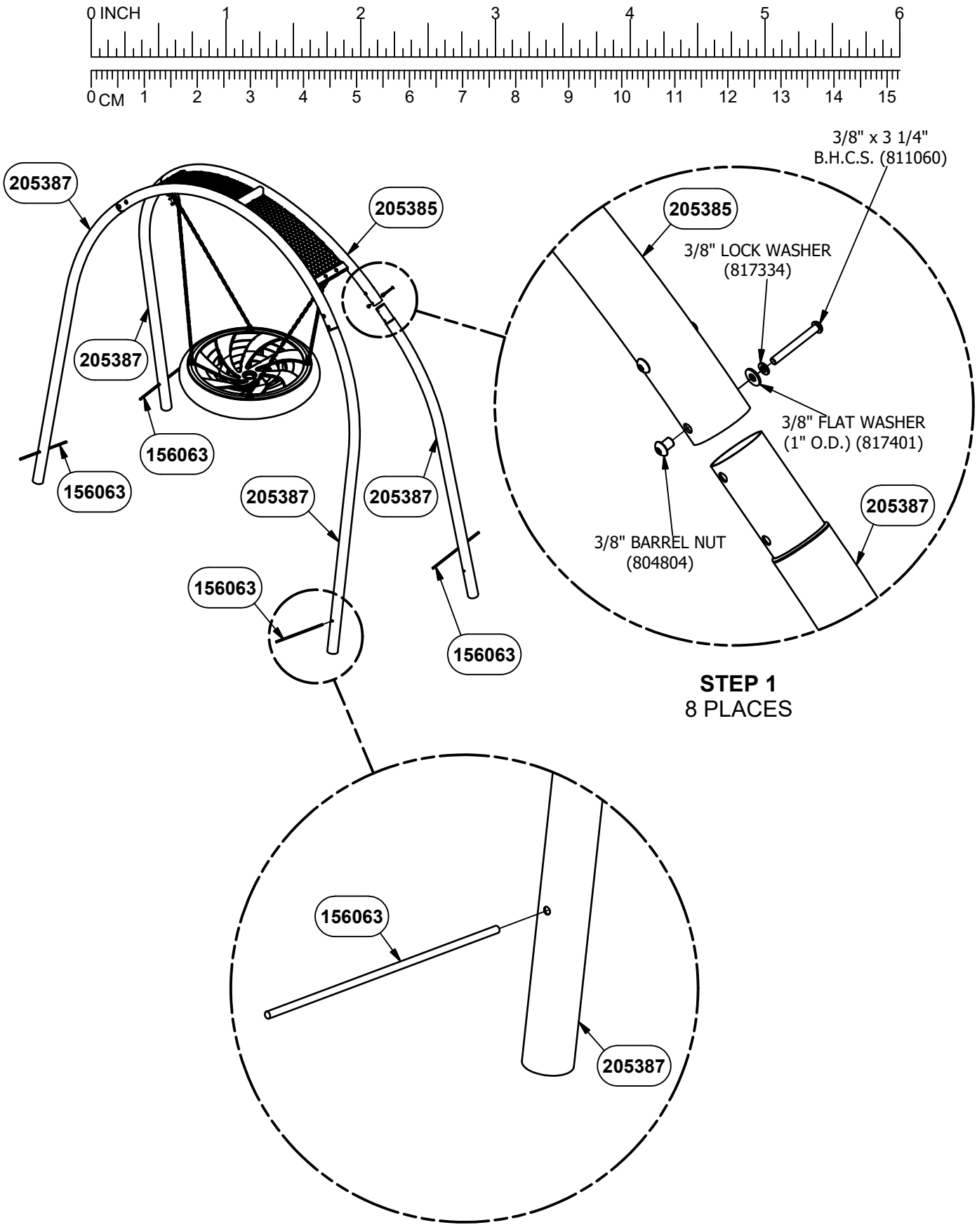


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
ARCH SWING	
5" [12.70 cm]	2'-0" [60.96 cm]

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

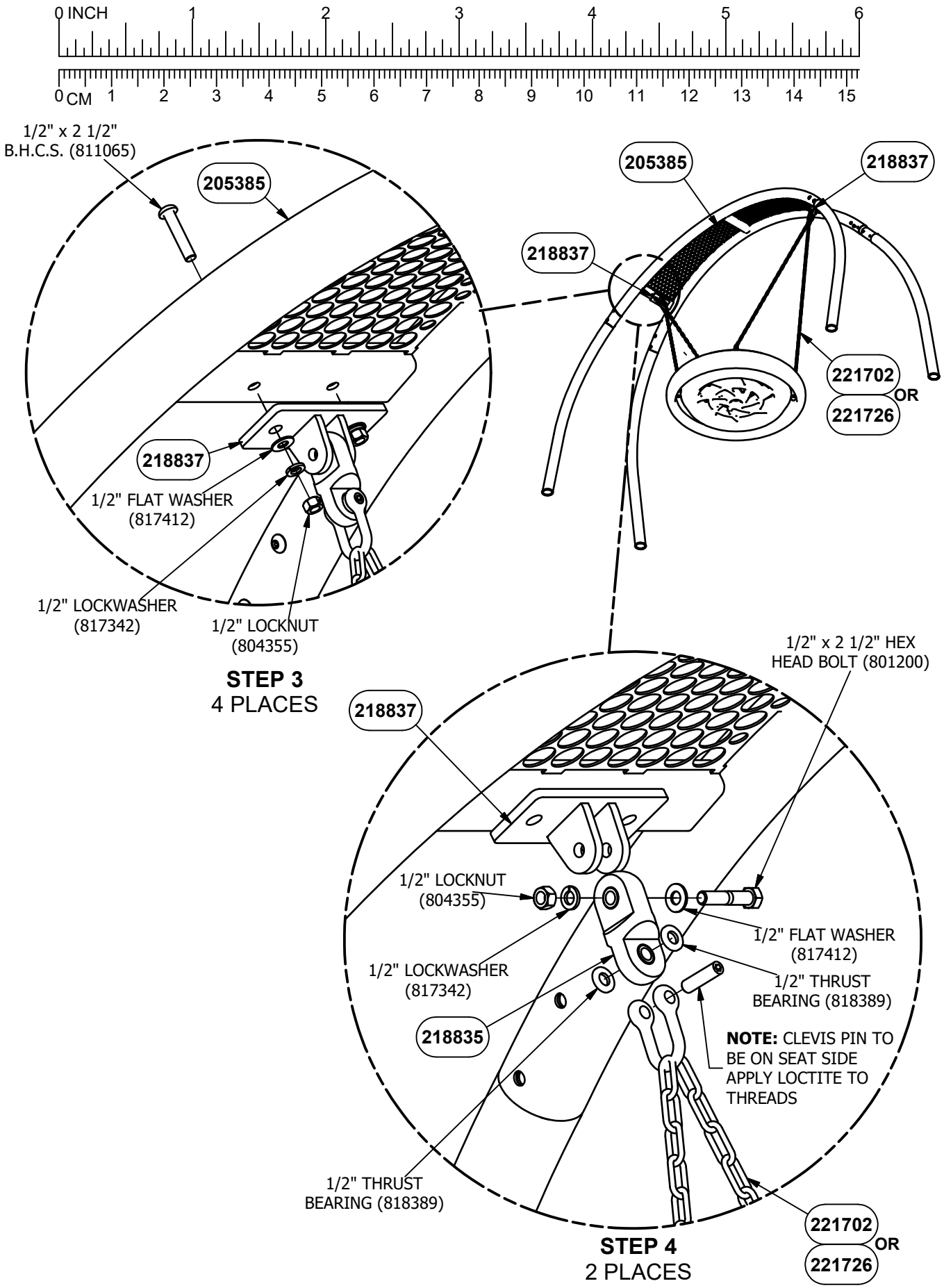
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

FOOTING DETAIL



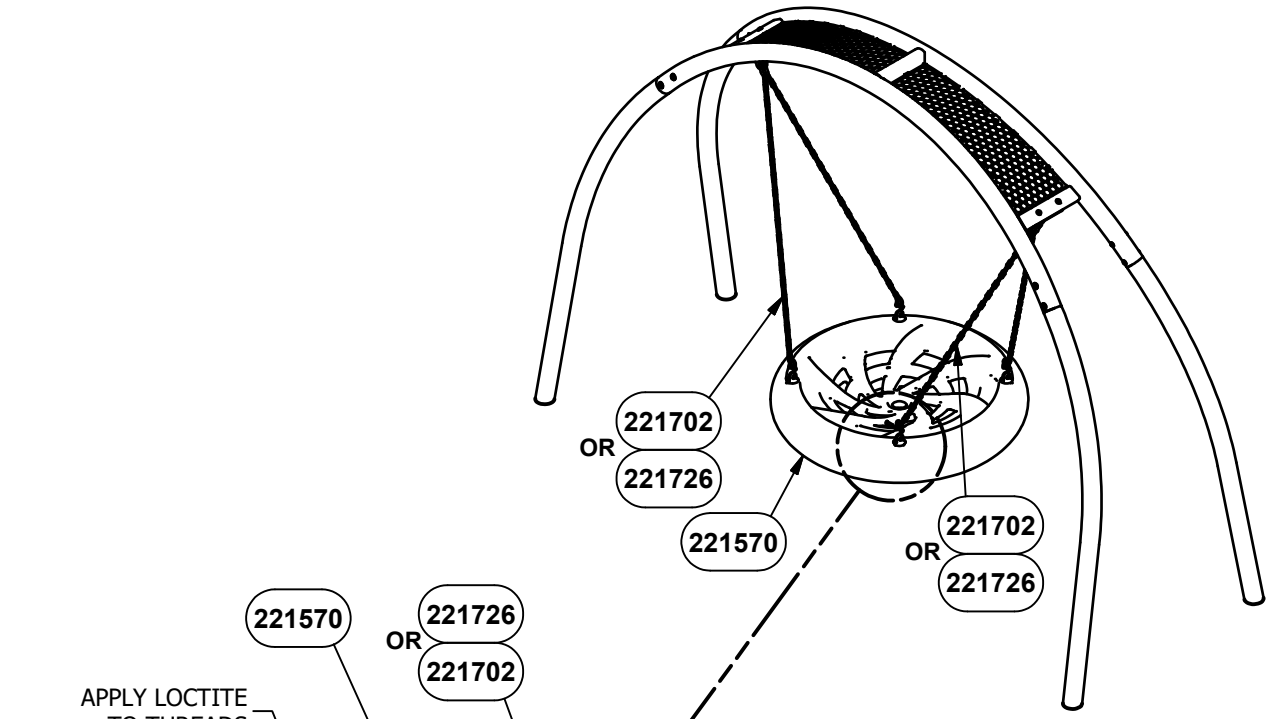
DETAIL VIEW

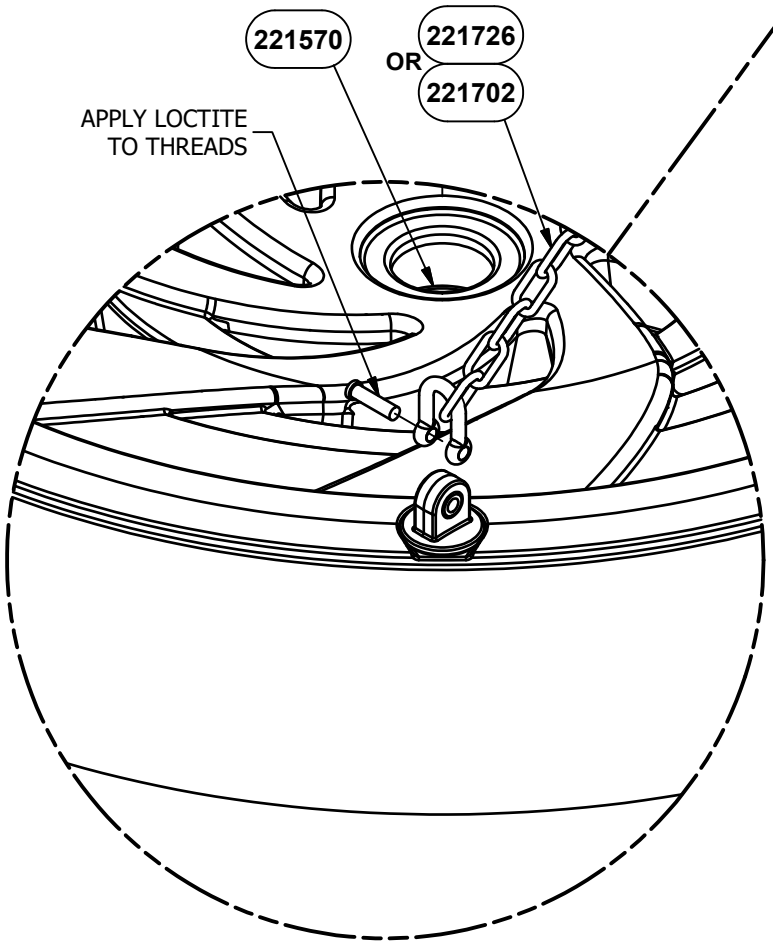
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



DETAIL VIEW

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





NOTE: POSITION SHACKLE SO THAT PIN ENTERS ON THE SEAT SIDE.

WHEN ATTACHING SAUCER SWING TO CHAIN POSITION MOUNTING PINS AS SHOWN.

STEP 5
4 PLACES

DETAIL VIEW

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

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 protuding 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 fron and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

SPECIFICATIONS

TOPRAIL ASSEMBLY: Shall be fabricated of 3-1/2" O.D. (11 Gauge) galvanized steel tubing and from .083" (12 Gauge) 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.

LEGS: Shall be fabricated of 3-1/2" O.D. (11 Gauge) galvanized steel tubing. Fabricated Part shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

MOUNTING PLATE WELD ASSEMBLY: Shall be fabricated of 3/8" thick HR steel. Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a customformula of TGIC polyester powder coating in conformance with the specifications outlined herein.

ARCH SWING CONNECTOR: Shall be fabricated from 304 Stainless Steel and SAE 841 Oil Impregnated Bronze Bushings.

GALVANIZED CHAIN: Shall be fabricated from #80 4/0 straight link coil Steel chain, cut to length.

STAINLESS STEEL CHAIN: Shall be fabricated from #50 4/0 straight link coil Stainless Steel chain, cut to length.

SAUCER ASSEMBLY: Saucer seat assembly shall be constructed using rotationally molded plastic and coated steel cable. Rotationally Molded Products are manufactured from linear low-density polyethylene UV-stabilized color and an anti-static compound additive. The tensile strength of this material is to be 2500 PSI as defined by ASTM D638. The typical wall thickness will be .250" (¼"). All 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). All solid plastic panels are manufactured from high-density polyethylene. All solid plastic panels shall meet or exceed the following specifications: Density (ASTM D- 1505); Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM D-790). Cable shall be 18mm diameter UV protected Polyamide Nylon rope with breaking load greater than or equal to 60KN. 6 strands each containing 19 steel reinforcement cords. (0.49mm cords within a Polypropylene Thermo-fixed sleeve wrapped around a reinforced fiber core containing 3 3.7mm strands.)

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.

Parts List			
DESCRIPTION	5058	SS5058	PART NUMBER
TOPRAIL ASSEMBLY	1	1	205385
LEG	4	4	205387
MOUNTING PLATE WELD ASSEMBLY	2	2	218837
GALVANIZED CHAIN CONNECTION ASSEMBLY	2	0	221702
STAINLESS STEEL CHAIN CONNECTION ASSEMBLY	0	2	221726
SAUCER SWING ASSEMBLY	1	1	221570
HARDWARE COMPLETE	1	1	221577
3/8" x 3 1/4" B.H.C.S.	8	8	811060*
3/8" FLAT WASHER (1" O.D.)	8	8	817401*
3/8" LOCK WASHER	8	8	817334*
3/8" BARREL NUT	8	8	804804*
1/2" x 2 1/2" B.H.C.S.	4	4	811065*
1/2" x 2 1/2" HEX HEAD BOLT	2	2	801200*
1/2" FLAT WASHER	6	6	817412*
1/2" LOCKWASHER	6	6	817342*
1/2" LOCKNUT	6	6	804355*
ARCH SWING CONNECTOR	2	2	218835*
22" ANCHOR ROD	4	4	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 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.

GameTime
A PLAYCORE Company
1-800-235-2440

5165

EXPRESSION SWING w/ ADAPTIVE SEAT

ISSUED/REVISED: 1/19/2023

3 1/2" O.D. x 8' TOPRAIL 5165
5" O.D. x 8' TOPRAIL 5166

⬡ = INSTALLATION DETAIL

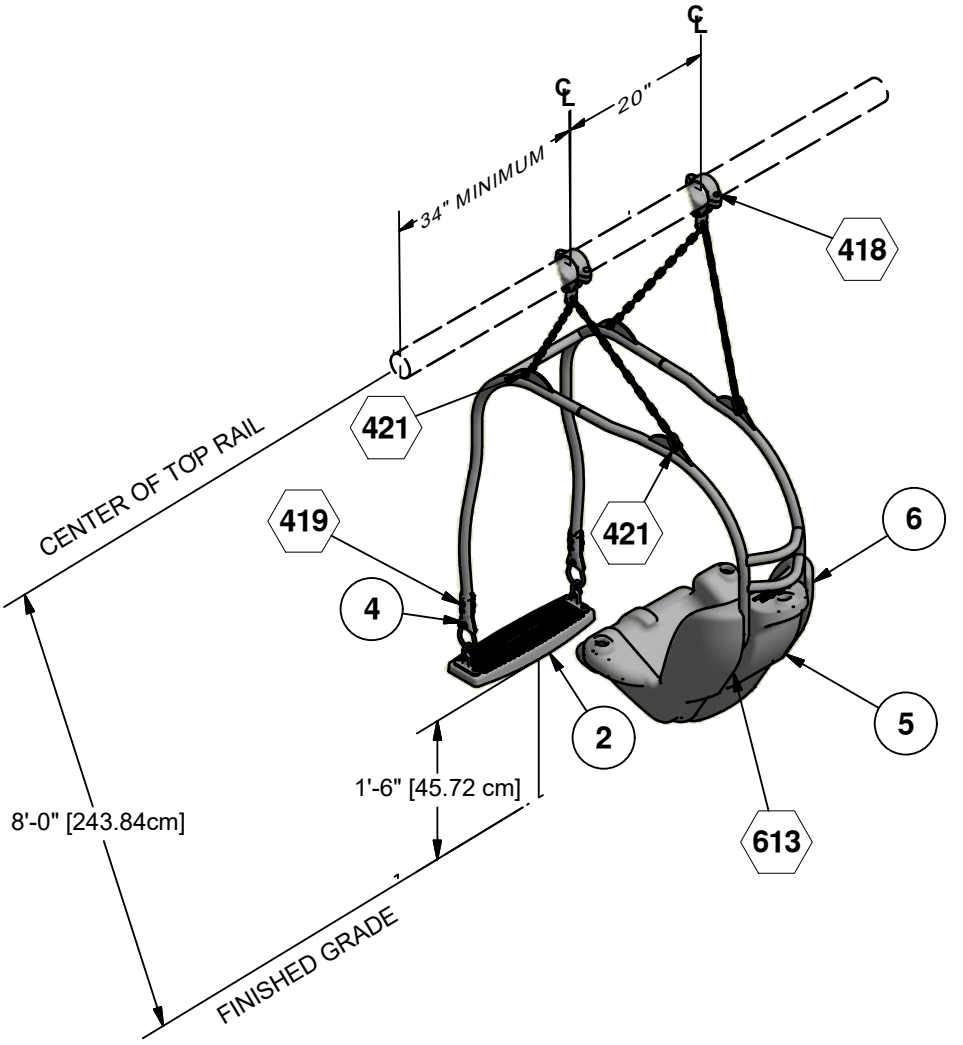
◯ = PARTS LIST REFERENCE

This play equipment is designed for CHILDREN 5 TO 12 YEARS OLD Adult supervision is recommended

Enriching Childhood Through Play.™ www.gametime.com

INSTALLATION INSTRUCTIONS

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



ASSEMBLY DRAWING
5165 SHOWN

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

Unless Otherwise Specified, All Units of Measure are Each
** Included in Hardware*
***Included in Expression Swing W/ Adaptive Seat Package 213059*
****Included in Adaptive Seat Package 3 1/2" Top Rail 213062*
*****Included in Adaptive Seat Package 5" Top Rail 213063*

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

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

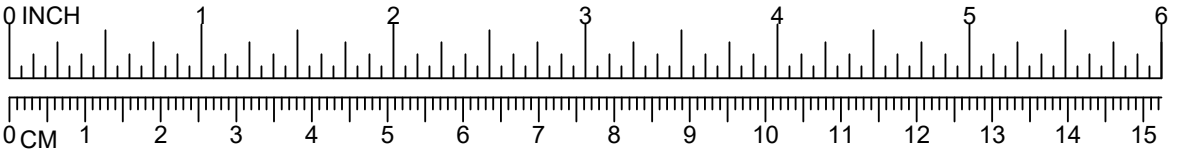
DETAILS -for-
5165 & 5166

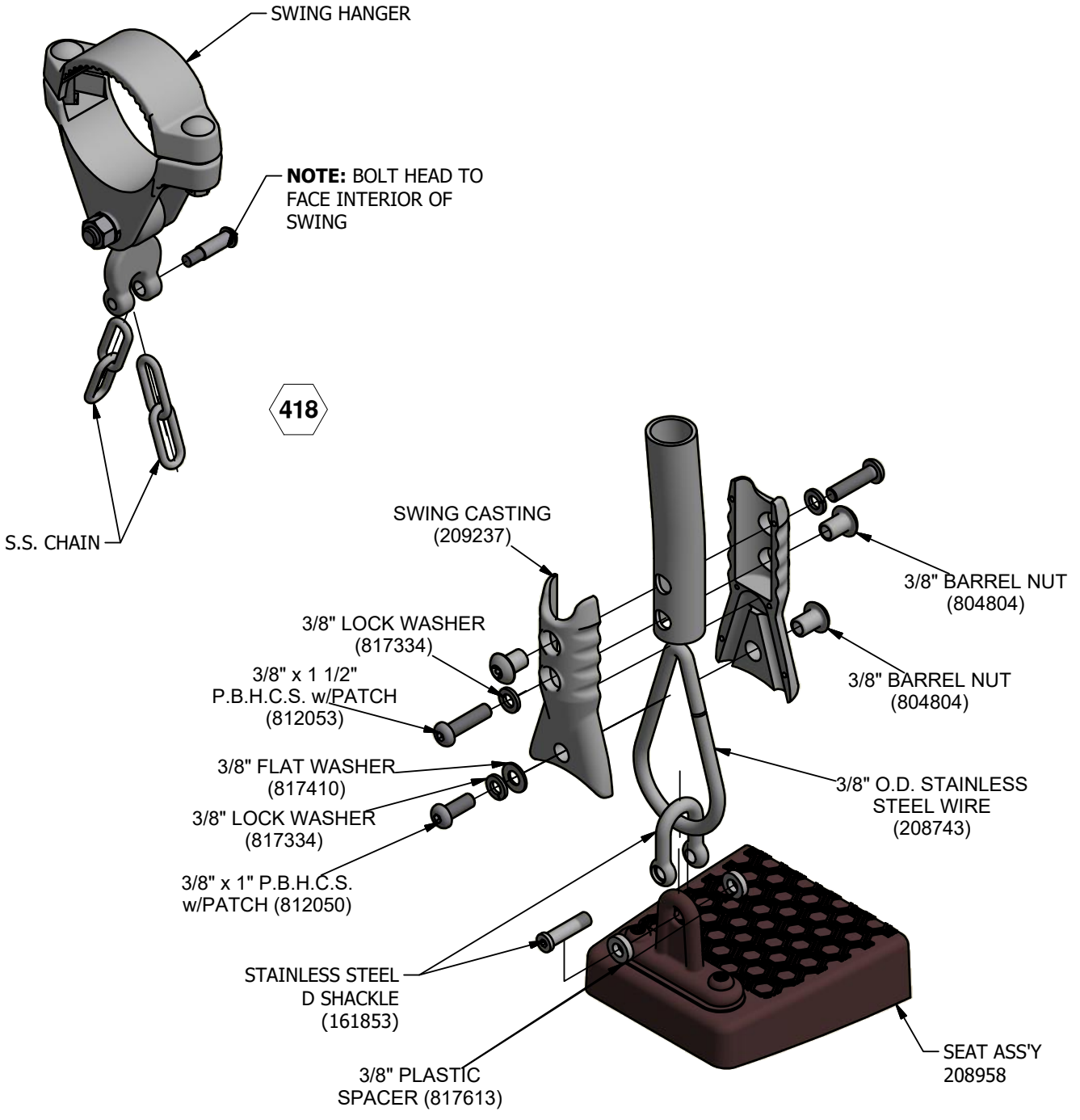
IMPORTANT

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

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

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





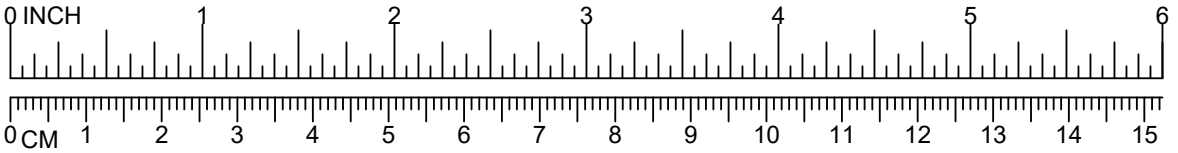
DETAILS -for-
5165 & 5166

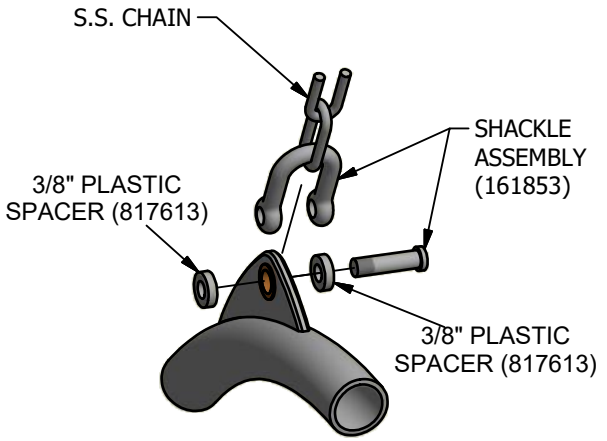
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NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





NOTE:
SPACERS LOCATED BETWEEN TAB AND INTERIOR OF SHACKLE.

421

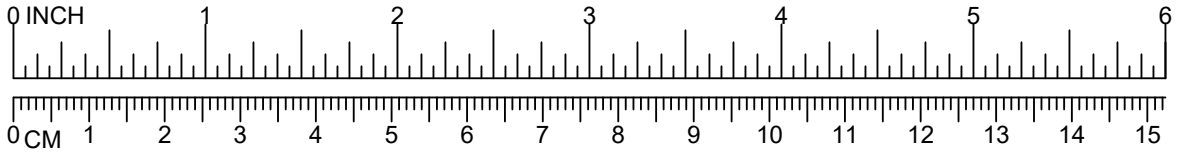
DETAILS -for-
5165 & 5166

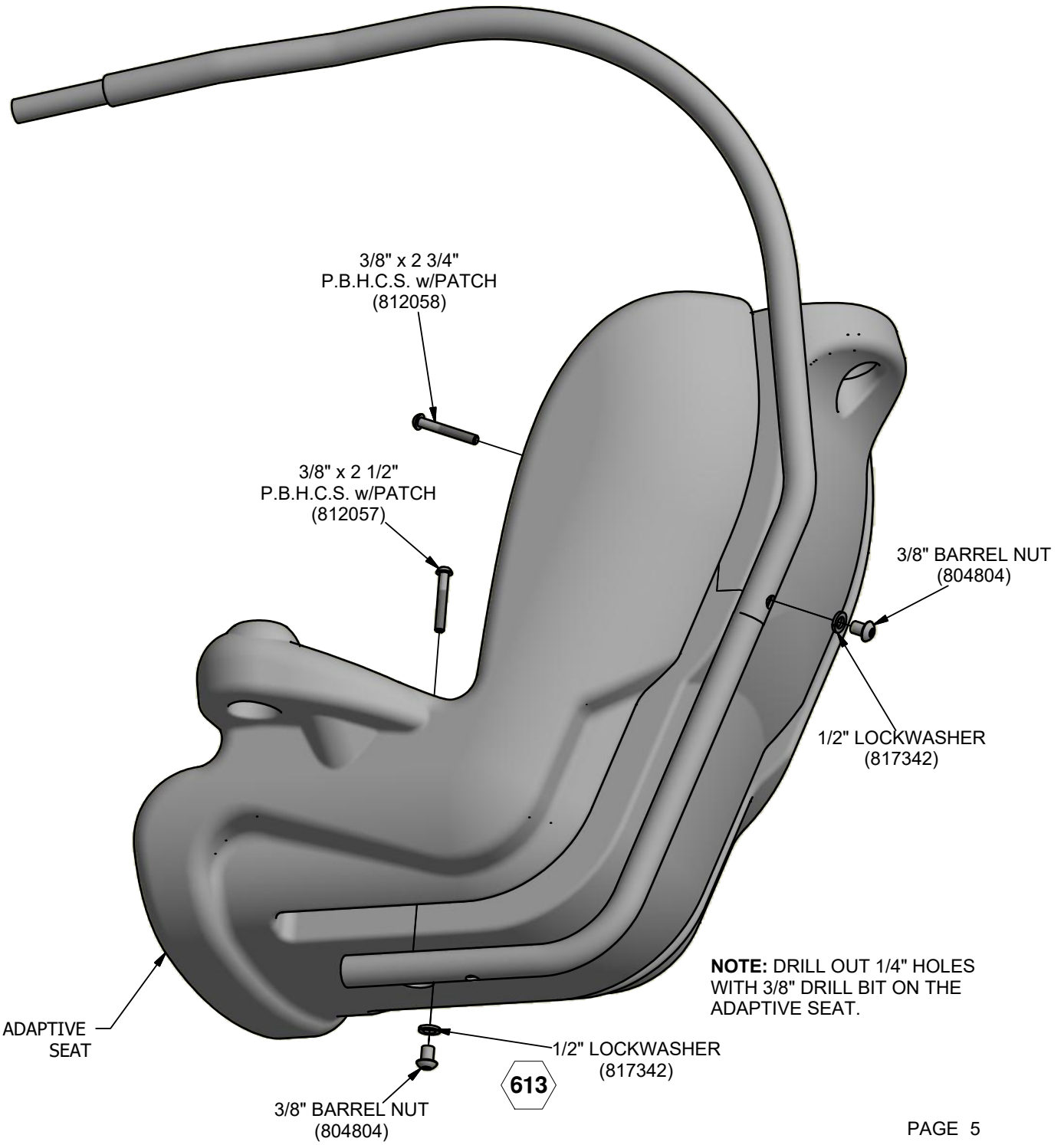
IMPORTANT

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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.





NOTE: DRILL OUT 1/4" HOLES WITH 3/8" DRILL BIT ON THE ADAPTIVE SEAT.

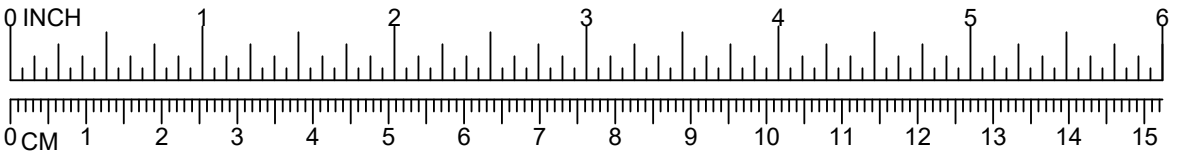
DETAILS -for-
5165 & 5166

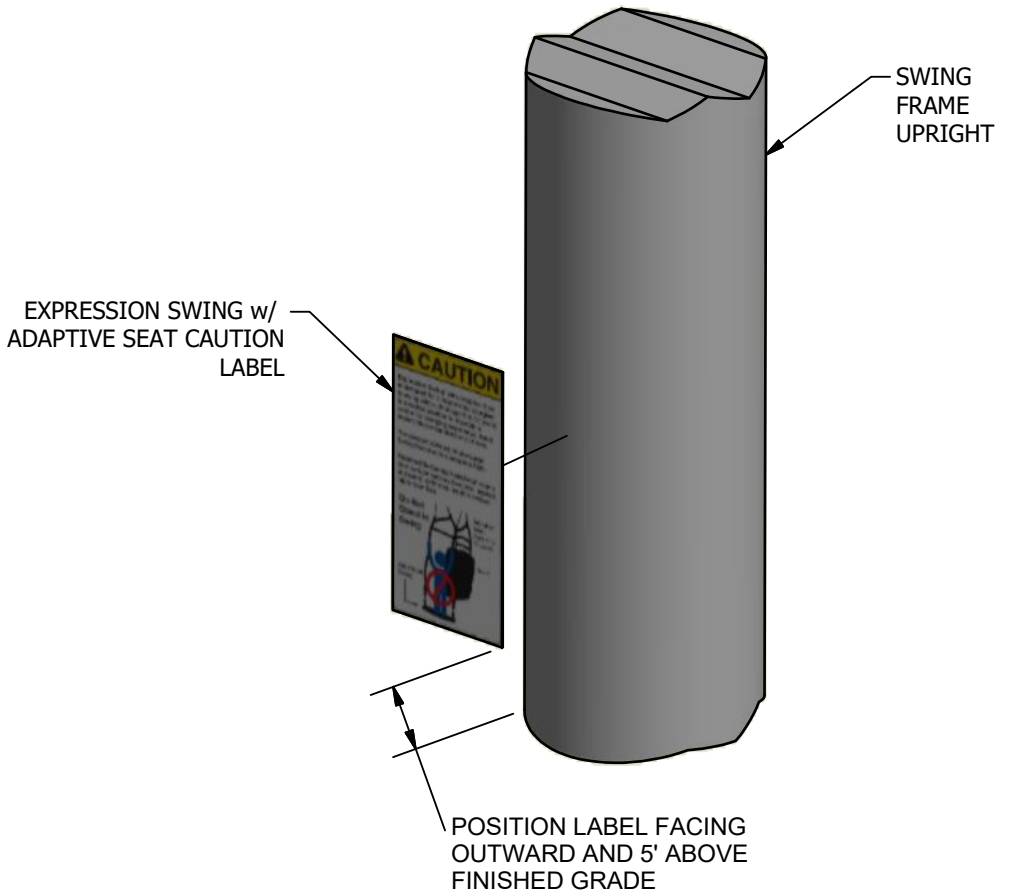
IMPORTANT

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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.





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5173

ADAPTIVE SWING W/ RUNG SAFETY BELT KIT

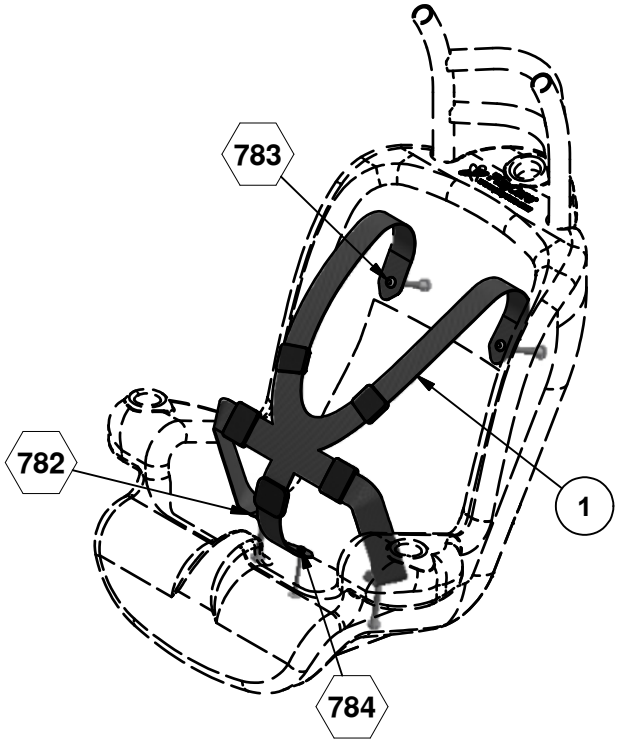
ISSUED/REVISED: 9/25/2018

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

INSTALLATION INSTRUCTIONS

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



ASSEMBLY DRAWING

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

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

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

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

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

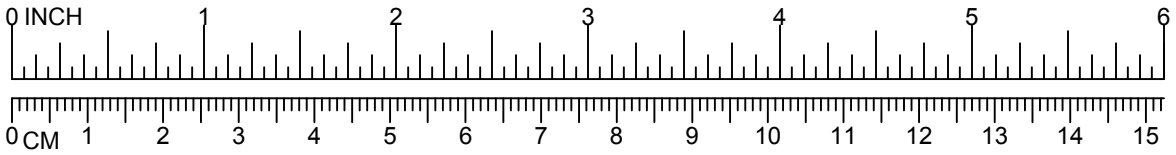
DETAILS -for-
5173

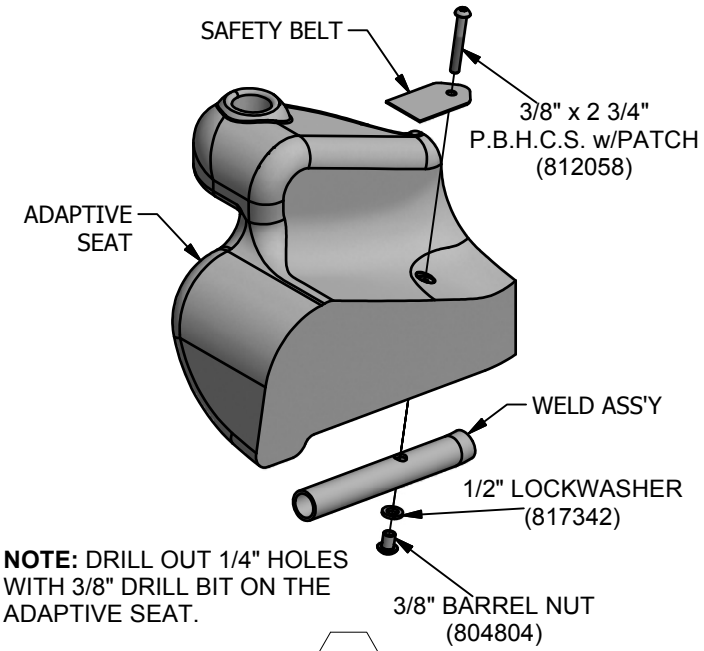
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NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

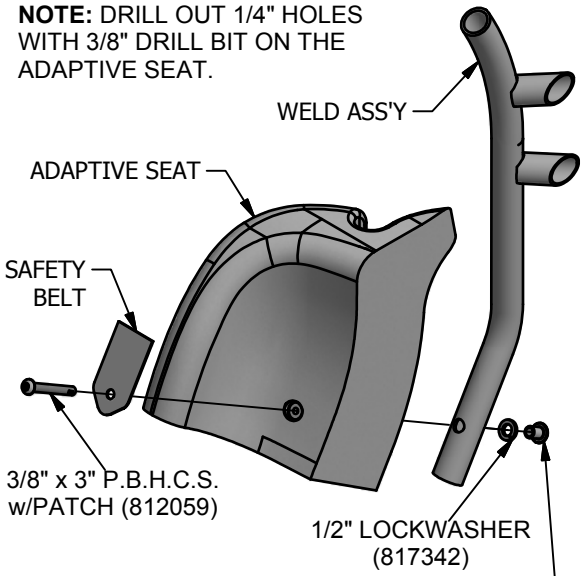
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



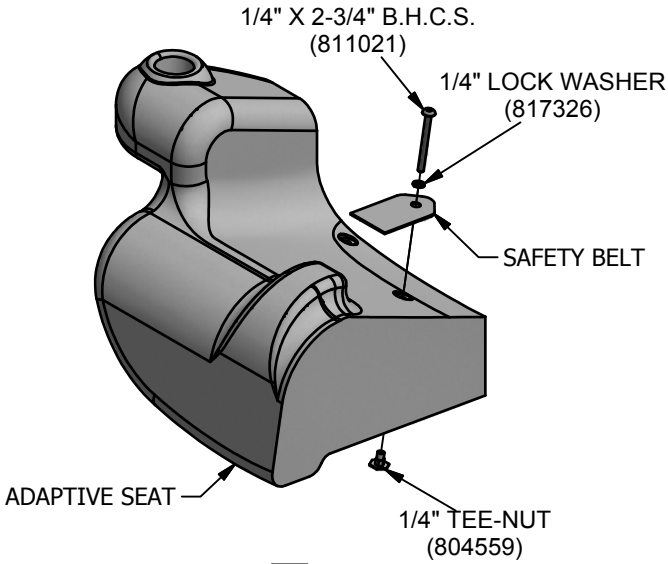


NOTE: DRILL OUT 1/4" HOLES WITH 3/8" DRILL BIT ON THE ADAPTIVE SEAT.

782



783



784

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5178

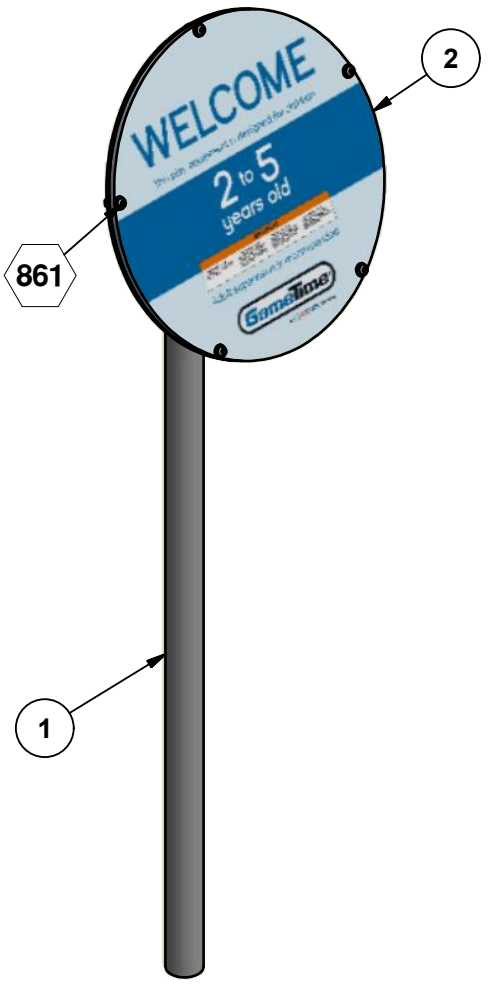
WELCOME SIGN

ISSUED/REVISED: 2/3/2020

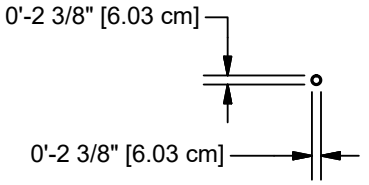
= INSTALLATION DETAIL

= PARTS LIST REFERENCE

2-5 YEAR OLD	**5178**
5-12 YEAR OLD	**5179**
2-5 OR 5-12 YEAR OLD	**5180**



ASSEMBLY VIEW



TOP VIEW

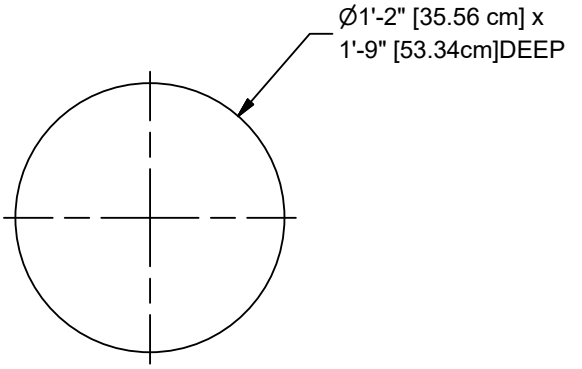
Parts List					
REF.	DESCRIPTION	5178	5179	5180	PART NUMBER
1	WELCOME SIGN WELD ASS'Y	1	1	1	215665
2	2 TO 5 WELCOME SIGN	1	0	0	217318
2	2 TO 5 OR 5 TO 12 WELCOME SIGN	0	0	1	217320
2	5 TO 12 WELCOME SIGN	0	1	0	217319
	HARDWARE COMPLETE	1	1	1	219264
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	5	5	5	812051*
	3/8" LOCK WASHER	5	5	5	817334*
	3/8" FLAT WASHER	5	5	5	817410*
	3/8" HEX NUT	5	5	5	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.



GROUND PLAN

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

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

INSTALLATION INSTRUCTIONS

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

STEP 2: Bolt Sign onto Mounting Plate as shown in Detail 861.

STEP 3: Place Assembly into center of ground hole. Plumb and level Assembly.

SPECIFICATIONS

WELCOME SIGN: The Welcome Signs shall be 1/2" thick exterior DHPL with a 12 color high definition printed graphic.

WELCOME SIGN WELD ASSEMBLY: Shall be an all welded construction consisting of 2 3/8" O.D. x .095" (13 gauge) wall galvanized steel tubing and a 1/4" thk. 22" dia. hot rolled steel mounting plate. Assembly shall have a powder coat finish.

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.

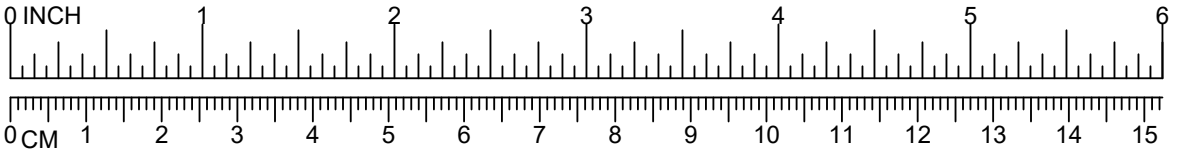
DETAILS -for-
5178, 5179 & 5180

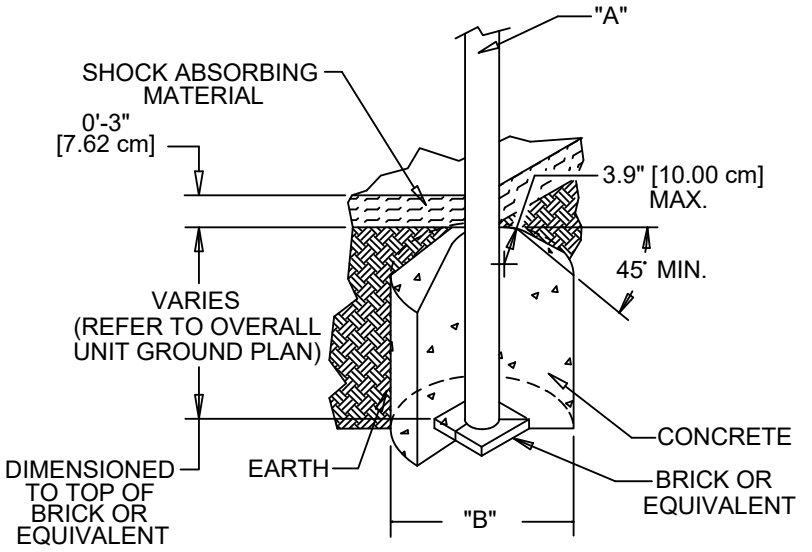
IMPORTANT

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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.

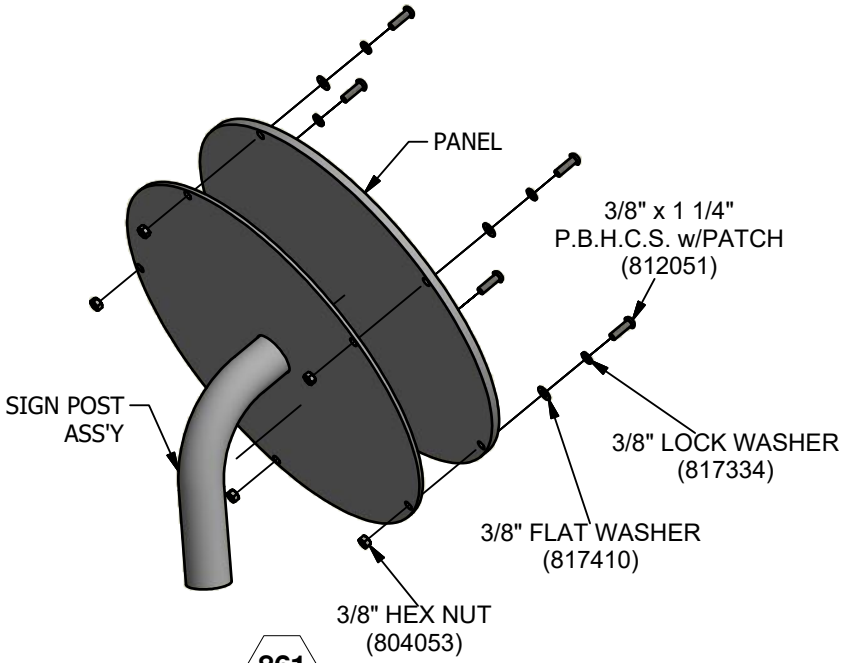




DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]

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

298



861

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6232

POD

ISSUED/REVISED: 5/1/19

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

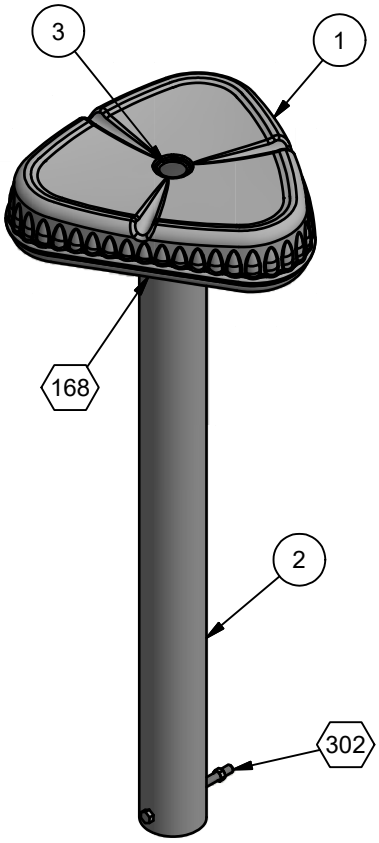
POD 1'-0"	**6232**
POD 2'-0"	**6233**
POD 2'-6"	**6236**



6232



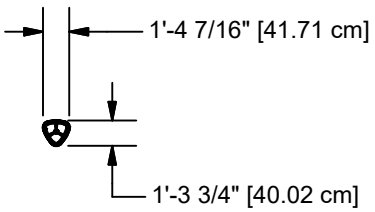
6233 & 6236



ASSEMBLY DRAWING
6232 SHOWN

*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 ARE 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.



TOP 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.

☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.

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

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

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

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

☐ Never add components not intended for use with this product.

☐ Regular checking of all parts, castings, etc. should be made. If a part is broken or worn it should be replaced immediately.

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

☐ Check to be sure all fittings are tight and that the bars and pipes do not move.

☐ A soft, resilient surface should be placed under all climbers, extending at least six feet in all directions surrounding the climbers. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

☐ Assembly all slides on level ground to insure proper run-off of slide bedway. The runoff portion of bedway should slope downward no more than 4 degrees.

☐ Examine bedway, bedrails, handrails for foreign objects, holes, and rough edges.

☐ Because metal slides left in the sun can cause burns, they should be placed in shaded areas whenever possible. Placing metal slides in a shaded location will also prevent them from reflecting the glare of the sun and interfering with children's vision.

☐ A soft resilient surface should be placed under all slides, extending at least six feet in all directions surrounding the slides. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

SPECIFICATIONS

MINI POD: The Mini Pod shall be rotational molded from polyethylene. The polyethylene shall be linear low-density material with UV-stabilized color and an anti-static compound additive. All rotational 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-155); Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM D-790); Heat Distortion (ASTM-648); Low Temperature Impact (ARM-STD).

FRAME: Shall be an all welded assembly fabricated of 3.500" O.D. galvanized steel tubing with a wall thickness of .095" and 11 gauge (.120") hot rolled flat steel that is formed. This assembly shall have a powder coat finish.

PLUG: Shall be fabricated of black butyl rubber with a durometer of 60.

HARDWARE: All nuts, bolts, screws, inserts, and lock washers 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.

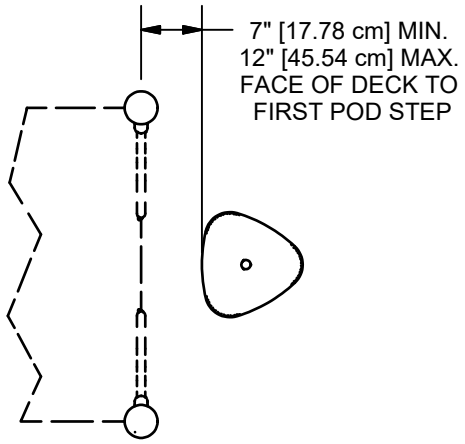
NOTE: All weights are based on average comparisons of each part.

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

SET-UP INSTRUCTIONS

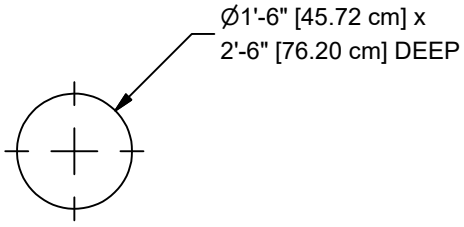
NOTE: THIS SPECIFICATION BOOKLET SHOULD BE KEPT IN CUSTOMERS FILE FOR FUTURE REFERENCE
NOTE: Do not over tighten bolts. To over tighten may cause buckling or dimpling of some parts.
NOTE: Read installation instructions thoroughly before starting assembly. Pour Concrete only after final assembly is complete. Bracing material may be required during assembly.
NOTE: Do not tighten any nuts, bolts, rods, etc. until the unit is completely assembled.
NOTE: apply construction adhesive or rubber glue to Rubber Plug when installing.
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, holes size may have to be increased to meet local conditions.

STEP 1: Dig required hole. See Ground Plan for correct shape and size.
STEP 2: Insert the Plug into the Pod and fasten the Pod to the Post using Detail 168.
STEP 3: Fasten the carriage bolt to the Post as an anchoring devise, using Detail 302.
STEP 4: Tighten all connections. Plumb and level the Pod and pour concrete. ALLOW THE CONCRETE TO SET AT LEAST 72 HOURS BEFORE USE.
Note: After Installation, the Pod height should be 1'-0" [30.48 cm], 2'-0" [60.96 cm] or 2'-6" [76.20 cm] above the protective surfacing.
NOTE: We suggest you retighten all bolts after the unit has been used three to four days.
NOTE: Loctite (supplied by others) should be used on all threaded hardware.



TOP VIEW

PODS SHALL BE NO GREATER THAN 12" (300 mm) APART WHEN INTENDED FOR USE BY 2 THROUGH 5 YEAR OLDS AND NO GREATER THAN 18" (460mm) APART WHEN INTENDED FOR USE BY 5 THROUGH 12 YEAR OLDS. THIS DIMENSION SHALL BE MEASURED EDGE TO EDGE BETWEEN ADJACENT PODS. THIS MEASUREMENT WILL BE HORIZONTAL WHEN ADJACENT PODS ARE THE SAME HEIGHT AND IT WILL BE DIAGONAL WHEN ADJACENT PODS ARE AT DIFFERENT HEIGHTS.



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

GROUND PLAN

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

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

NOTE:

SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

Parts List					
REF.	DESCRIPTION	6232	6233	6236	PART NUMBER
1	MINI POD	1	1	1	176364
2	POST WELD ASS'Y	1	0	0	205169
2	POST WELD ASS'Y	0	1	0	205172
2	POST WELD ASS'Y	0	0	1	209319
	HARDWARE COMPLETE	1	1	1	205176
3	PLUG TOP	1	1	1	176441*
	3/8" x 1" B.H.C.S.	4	4	4	811050*
	3/8" FLAT WASHER	4	4	4	817410*
	3/8" LOCK WASHER	4	4	4	817334*
	3/8" HEX NUT	1	1	1	804053*
	3/8" x 6" HEX HEAD BOLT	1	1	1	801021*

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.

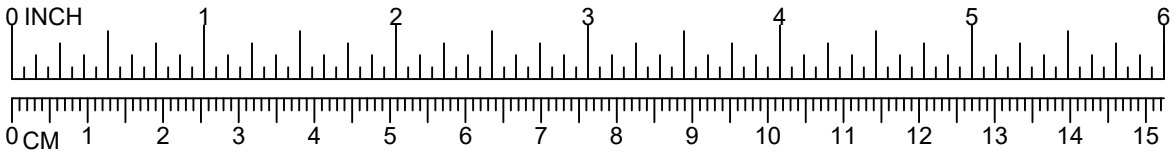
DETAILS -for-
6232, 6233 & 6236

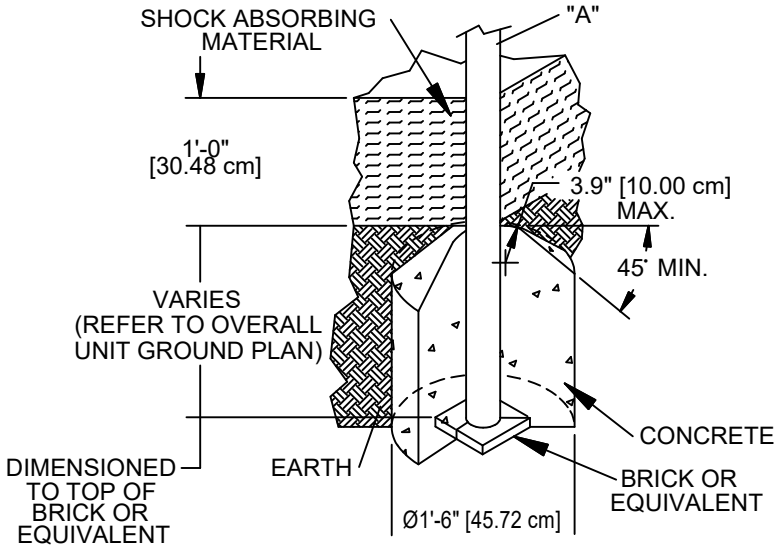
IMPORTANT

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.

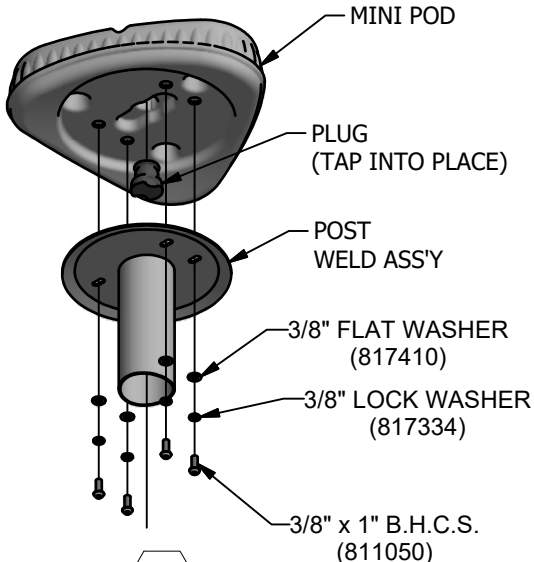




NOTES:
-SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
-SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

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.



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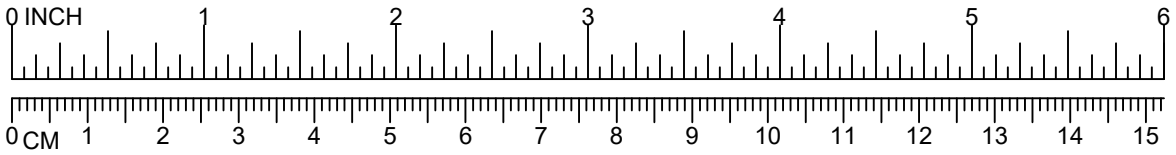
DETAILS -for-
6232, 6233 & 6236

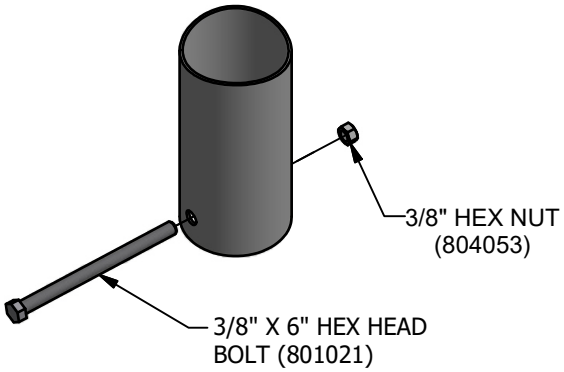
*I*MPORTANT

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.





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6237

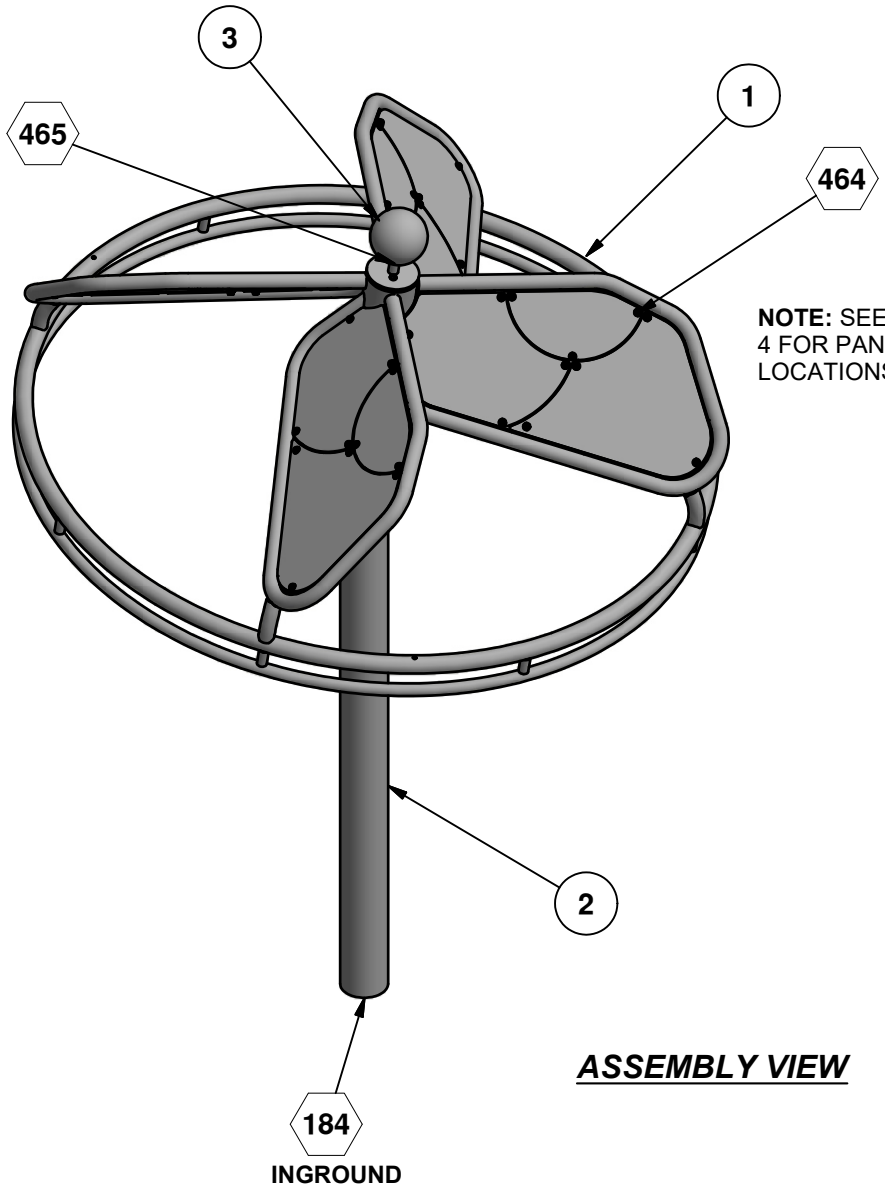
SHADOWPLAY®
SKYRUNNER®

ISSUED/REVISED: 9/21/2021

= INSTALLATION DETAIL

= PARTS LIST REFERENCE

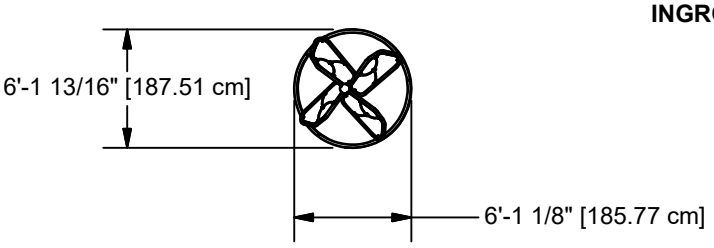
This play equipment is designed for
CHILDREN
5 TO 12
YEARS OLD
Adult supervision is recommended
Enriching Childhood Through Play.™
www.gametime.com



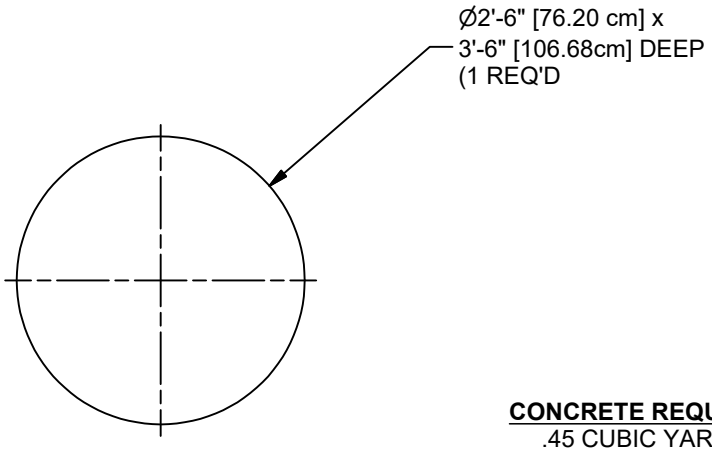
NOTE: SEE PAGE 4 FOR PANEL LOCATIONS

INGROUND

ASSEMBLY VIEW



TOP VIEW



CONCRETE REQUIRED
.45 CUBIC YARDS
[.35 CUBIC METERS]

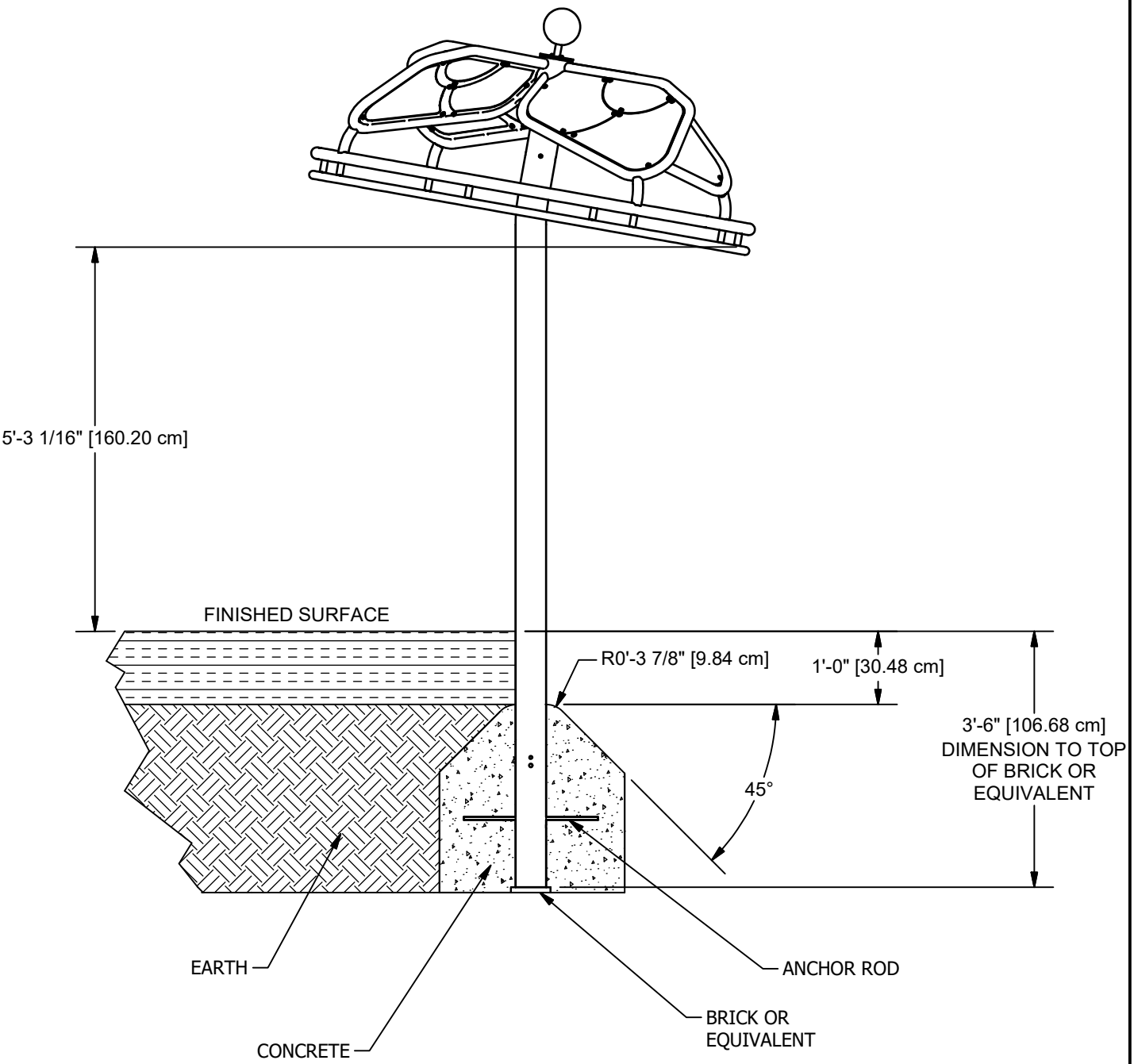
Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	BEARING ASS'Y	1	210705
2	UPRIGHT POST WELD ASS'Y	1	177351
3	FINIAL	1	177367
4	TRANSPARENT ACRYLIC DARK BLUE OUTER PANEL	1	210694
5	TRANSPARENT ACRYLIC RED OUTER PANEL	1	210693
6	TRANSPARENT ACRYLIC ORANGE OUTER PANEL	1	210696
7	TRANSPARENT ACRYLIC LIGHT BLUE OUTER PANEL	1	210695
8	TRANSPARENT ACRYLIC ORANGE INNER PANEL	1	210692
9	TRANSPARENT ACRYLIC LIGHT BLUE INNER PANEL	1	210689
10	TRANSPARENT ACRYLIC YELLOW INNER PANEL	1	210691
11	TRANSPARENT ACRYLIC GREEN INNER PANEL	1	210690
12	TRANSPARENT ACRYLIC RED SMALL PANEL	1	210700
13	TRANSPARENT ACRYLIC DARK BLUE SMALL PANEL	1	210699
14	TRANSPARENT ACRYLIC GREEN SMALL PANEL	1	210697
15	TRANSPARENT ACRYLIC YELLOW SMALL PANEL	1	210698
	HARDWARE COMPLETE	1	210742
	3/8" x 1" P.B.H.C.S. w/PATCH	2	812050*
	3/8" LOCKWASHER	2	817334*
	5/16" x 3/4" P.B.H.C.S. w/Patch	44	812040*
	5/16" FLATWASHER (3/4" O.D.)	88	817404*
	5/16" LOCK WASHER	44	817330*
	5/16" LOCKNUT	44	804359*
	22" ANCHOR ROD	2	156063*

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

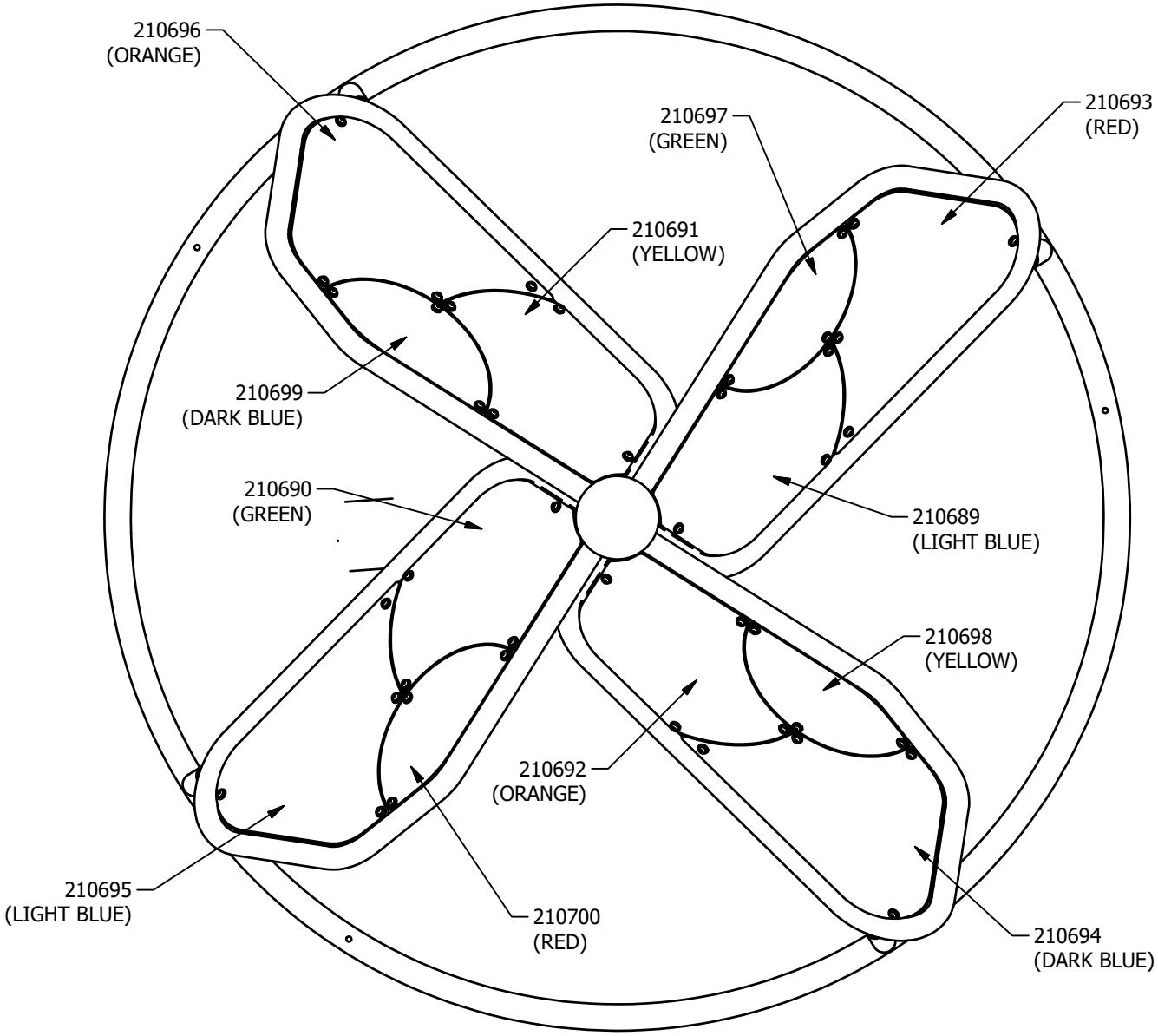
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.

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.

CONCRETE REQUIREMENTS:
APPROXIMATELY .45 CUBIC YARDS
9.35 CUBIC METERS) OF CONCRETE REQUIRED.
SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI
SLOPED FOOTING IS A REQUIREMENT OF
EUROPEAN STANDARD EN11761-1.



FOOTING DETAIL



ACRYLIC PANEL DETAIL

(SOME LINES OMITTED FOR CLARITY)

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: Dig required hole and place a brick or equivalent at the bottom of holes (where shown) to provide a solid foundation. Allow for this in hole depth. See Footing Detail.

STEP 2: Attach the handhold assembly and the finial. Refer to detail # 465.

STEP 3: Attach acrylic panels onto the handhold assembly. Refer to detail # 464.

STEP 4: Place anchor rods in the holes in lower end of the upright post weld assembly. Refer to detail 184. Place assembly in hole. See Footing Detail.

STEP 5: Check and make sure the upright is vertical and plumb. Make adjustments as required.

STEP 6: Pour concrete to within 1'-0" [30.48cm] of ground level and fill remaining with compacted subgrade and surfacing. Allow a minimum of 48 hours for concrete to cure and harden before using. Refer to Footing Detail.

SPECIFICATIONS

UPRIGHT SUPPORTS: The Upright Supports shall be constructed of 5" O.D. X (Heavy Wall: 0.1875) galvanized pipe. The Upright Support Assemblies shall be welded constructions and coated with a custom formula of TGIC polyester powder coating after fabrication.

BEARING SYSTEM: Shall be fabricated from 5.500" o.d. x .500" wall D.O.M. MEC. tube and 3/16" H.R. steel plate. Two bearings shall be press fit into the weld assembly. 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

HANDHOLD ASSEMBLY: Shall constructed of formed 1 ¼" L.W. galvanized pipe (1.66 O.D.), 1 ½" L.W. galvanized pipe (1.9" O.D), and 1.029" O.D. galvanized pipe. The Overhead Assembly shall be welded constructions and coated with a custom formula of TGIC polyester powder coating after fabrication. ***FINIAL:*** Shall be an all welded assembly fabricated with a 6" diameter 11 gauge H.R. steel ball, 3/16" thick H.R. steel plate, and 1.029" O.D. galvanized pipe.

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

POWDER COAT FINISH: Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a six stage bath system with an iron phosphate wash, as a rust inhibitor, and a sealer to prevent flash rusting before coating. The coating shall have a super tough finish with maximum exterior durability and will have superior adhesion characteristics. Typical characteristics are: 3.0 - 5.0 mil thickness and oven cured between 375 to 425 degrees Fahrenheit. Pencil Hardness H (ASTM D-3363), Impact (ASTM D-2794- 69), Wedge Bend (ASTM D-522-68),

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

IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS

☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.

☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.

☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.

☐ Equipment should be placed to eliminate conflicting traffic patterns.

☐ To reduce risk of clothing entanglement in compliance with ASTM F1487, any bolt end protuding 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 fron and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

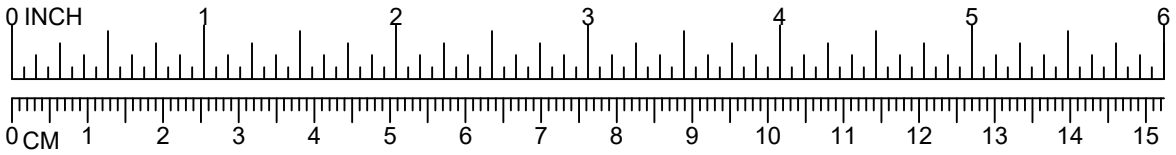
DETAILS -for-
6237

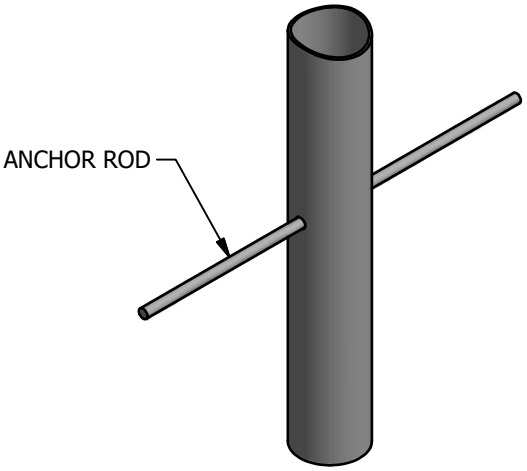
IMPORTANT

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.





184

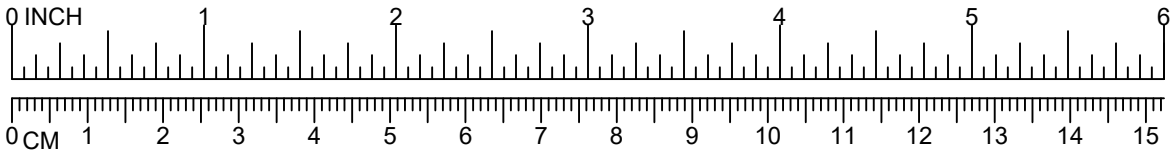
DETAILS -for-
6237

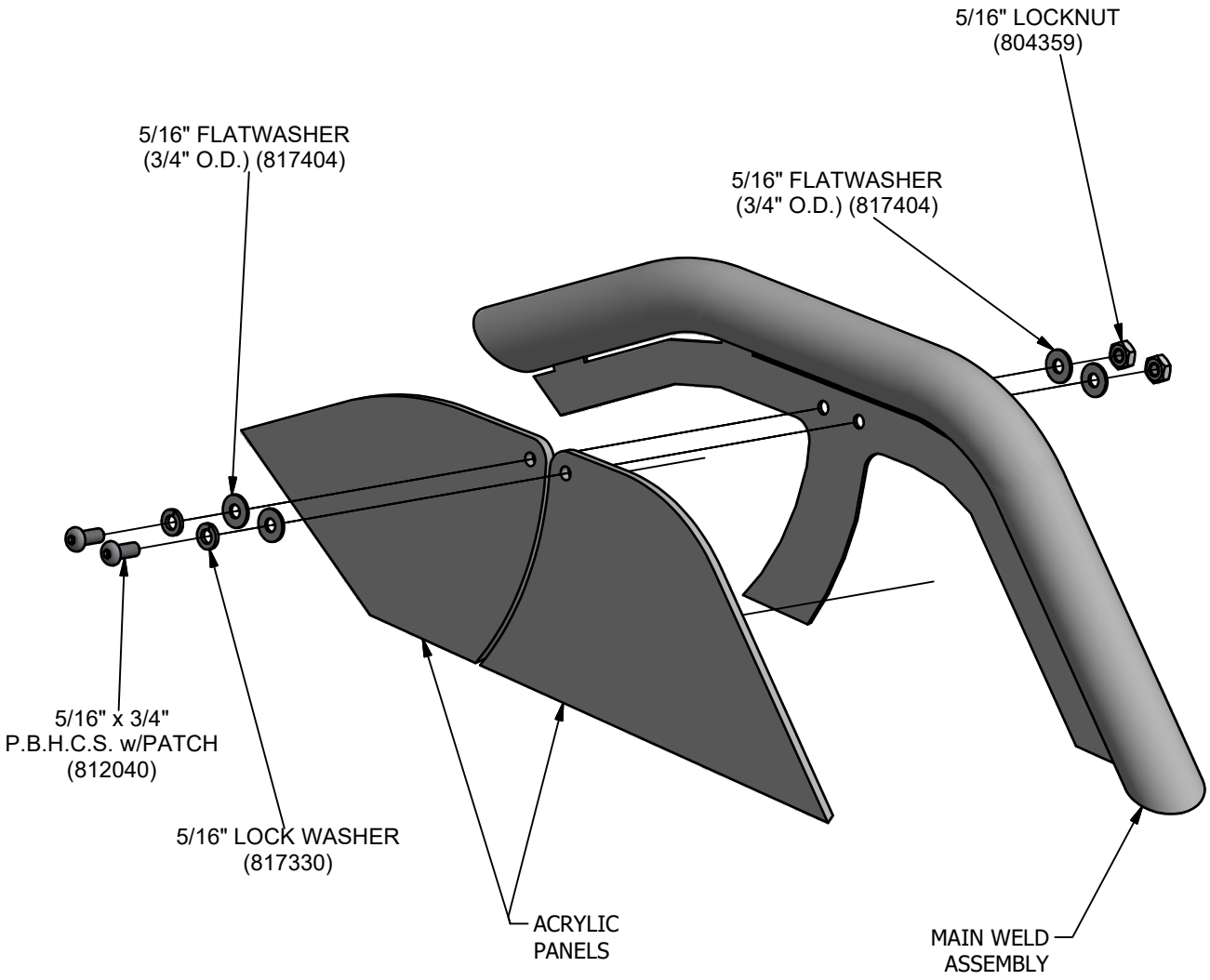
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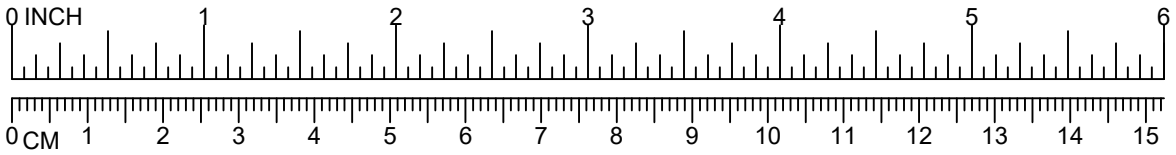
DETAILS -for-
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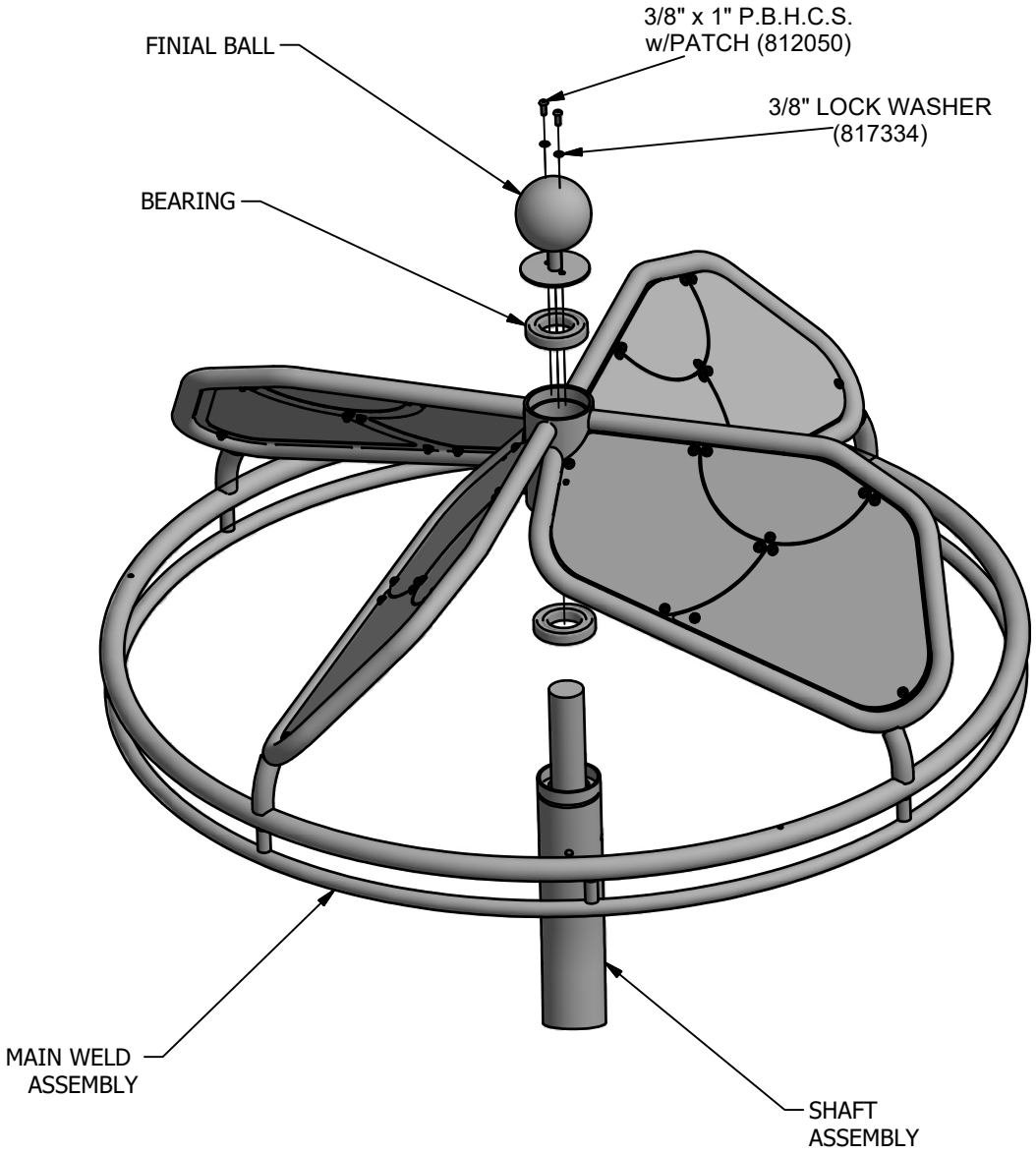
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NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





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6238

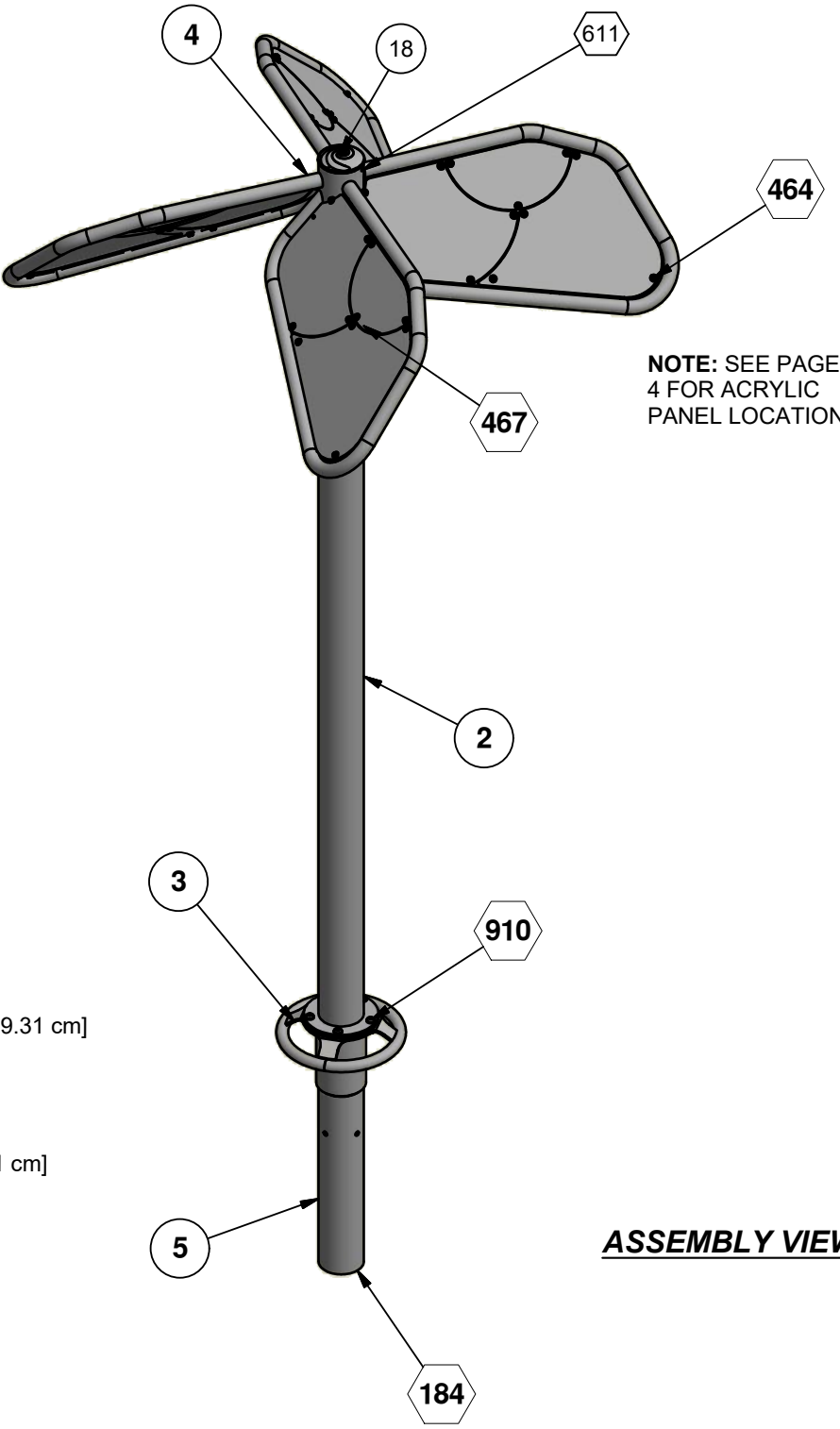
SHADOWPLAY® FLOWER

ISSUED/REVISED: 10/10/2022

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

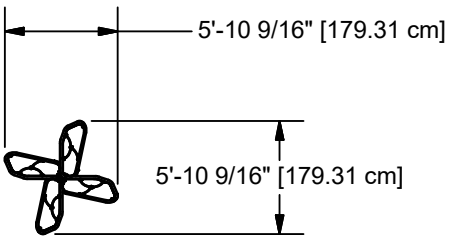




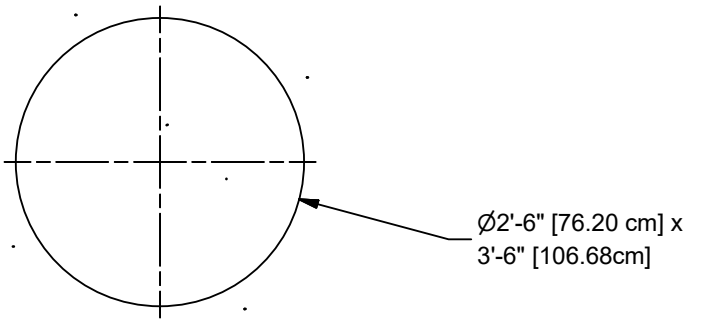
NOTE: SEE PAGE 4 FOR ACRYLIC PANEL LOCATIONS

ASSEMBLY VIEW

INGROUND



TOP VIEW

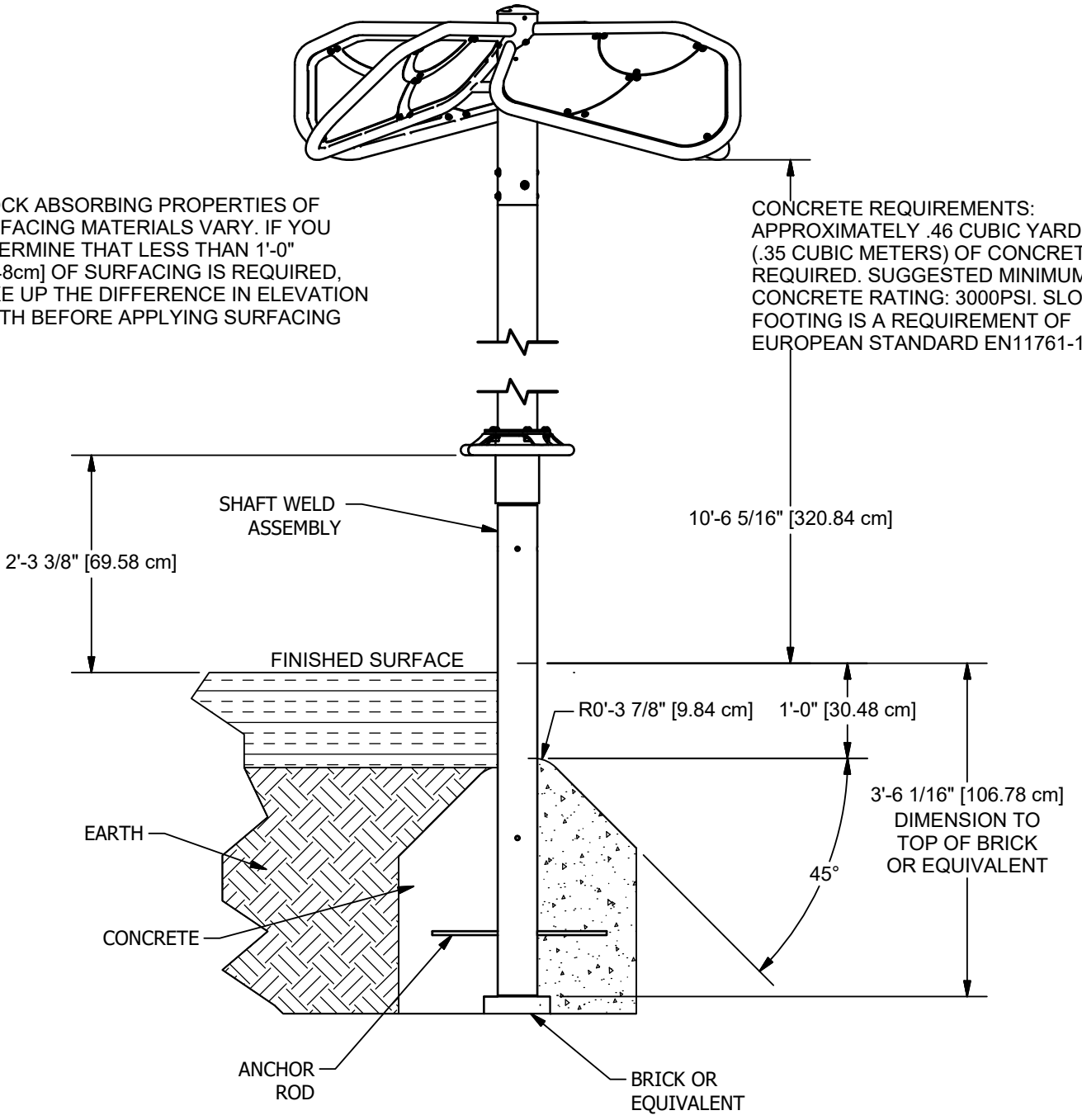


GROUND PLAN

CONCRETE REQUIRED
.46 CUBIC YARDS
[.35 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 EARTH BEFORE APPLYING SURFACING

CONCRETE REQUIREMENTS: APPROXIMATELY .46 CUBIC YARDS (.35 CUBIC METERS) OF CONCRETE REQUIRED. SUGGESTED MINIMUM CONCRETE RATING: 3000PSI. SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN11761-1.



FOOTING DETAIL

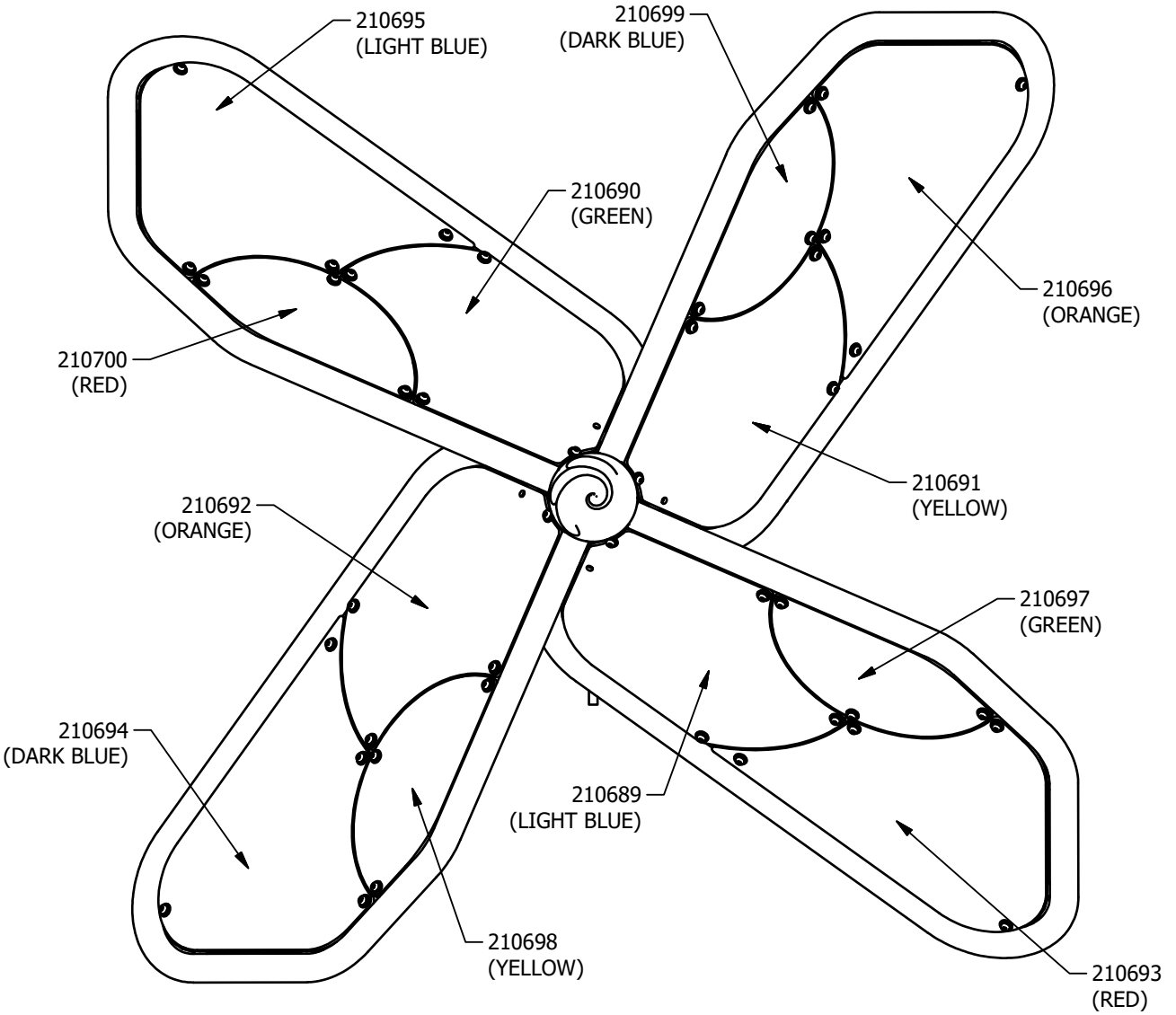
Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	HUB BEARING ASS'Y	1	220563
2	UPRIGHT WELD ASS'Y	1	220571
3	HANDHOLD ASSEMBLY	1	220568
4	SKY FLOWER ASS'Y	1	210932
5	SHAFT WELD ASS'Y	1	210625
6	TRANSPARENT ACRYLIC LIGHT BLUE INNER PANEL	1	210689
7	TRANSPARENT ACRYLIC RED OUTER PANEL	1	210693
8	TRANSPARENT ACRYLIC YELLOW INNER PANEL	1	210691
9	TRANSPARENT ACRYLIC GREEN INNER PANEL	1	210690
10	TRANSPARENT ACRYLIC ORANGE INNER PANEL	1	210692
11	TRANSPARENT ACRYLIC DARK BLUE SMALL PANEL	1	210699
12	TRANSPARENT ACRYLIC DARK BLUE OUTER PANEL	1	210694
13	TRANSPARENT ACRYLIC YELLOW SMALL PANEL	1	210698
14	TRANSPARENT ACRYLIC GREEN SMALL PANEL	1	210697
15	TRANSPARENT ACRYLIC LIGHT BLUE OUTER PANEL	1	210695
16	TRANSPARENT ACRYLIC RED SMALL PANEL	1	210700
17	TRANSPARENT ACRYLIC ORANGE OUTER PANEL	1	210696
18	SWIRL CAP	1	213000
	HARDWARE COMPLETE	1	220575
	5/16" x 3/4" P.B.H.C.S. w/PATCH	44	812040*
	5/16" FLATWASHER (3/4" O.D.)	88	817404*
	5/16" LOCK WASHER	44	817330*
	5/16" LOCKNUT	44	804359*
	3/8" x 3/4" P.B.H.C.S. w/PATCH	2	812052*
	3/8" x 5" P.B.H.C.S. w/PATCH	3	812078*
	3/8" FLAT WASHER (1" O.D.)	3	817401*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
	3/8" BARREL NUT	3	804804*
	3/8" LOCK WASHER	5	817334*
	1/2" x 1 1/2" B.H.C.S.	5	811073*
	1/2" LOCKWASHER	5	817342*
	1/2" LOCKNUT	5	804355*
	9/16" FLATWASHER	10	817470*
	22" ANCHOR ROD	2	156063*
	3/16" x 13/32" DRIVE RIVET	2	805366*

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.



ACRYLIC PANEL LOCATIONS

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: Dig required hole and place a brick or equivalent at the bottom of holes (where shown) to provide a solid foundation. Allow for this in hole depth. See Footing Detail.

STEP 2: Attach the acrylic panels to the top weld assembly. Refer to detail # 464.

STEP 3: Attach the top weld assembly onto the upright. Refer to detail # 467

STEP 4: Attach the Upright Assembly, Handhold Assembly and Hub Bearing Assembly to the Shaft Assembly using Detail 910.

STEP 5: Place anchor rods in the holes in lower end of the upright post weld assembly. Refer to detail 184. Place assembly in hole. See Footing Detail.

STEP 6: Check and make sure the upright is vertical and plumb. Make adjustments as required.

STEP 7: Pour concrete to within 1'-0" [30.48cm] of ground level and fill remaining with compacted subgrade and surfacing. Allow a minimum of 48 hours for concrete to cure and harden before using. Refer to Footing Detail.

SPECIFICATIONS

UPRIGHT ASSEMBLY & FOOTING UPRIGHT: The Upright Supports shall be constructed of 5" O.D. X (Heavy Wall: 0.1875) galvanized pipe, ¼" thick plate. The Upright assembly shall be welded constructions and coated with a custom formula of TGIC polyester powder coating after fabrication.

HANDHOLD ASSEMBLY: Shall be an all welded assembly consisting of 1/4" thick steel and 1.315" O.D. Pipe. The Handhold Assembly shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication.

BEARING SYSTEM: Shall be fabricated from 5.500" o.d. x .500" wall D.O.M. MEC. tube and 3/16" H.R. steel plate. Two bearings shall be press fit into the weld assembly. 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

TOP WELD ASSEMBLY: Shall be constructed 5" O.D. L.W. galvanized pipe, formed 1 ¼" L.W. galvanized pipe (1.66 O.D.), The Overhead Assembly shall be welded constructions and coated with a custom formula of TGIC polyester powder coating after fabrication.

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

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

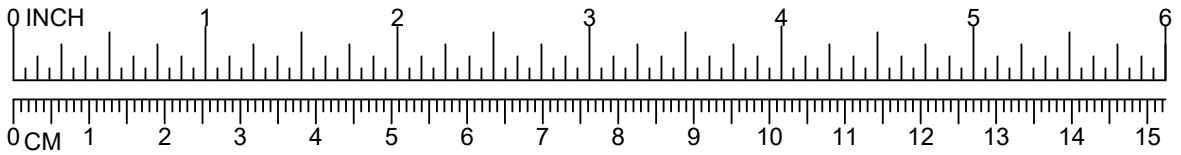
DETAILS -for-
6238

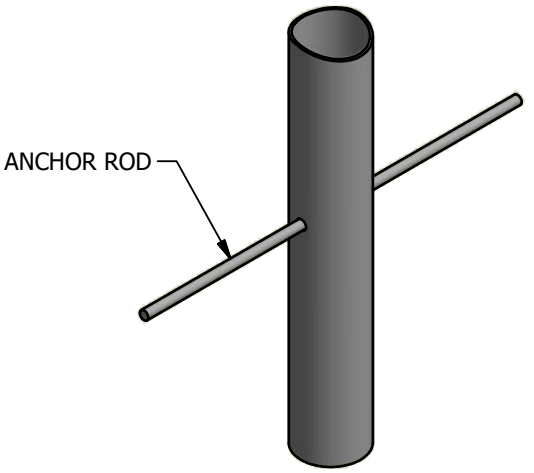
IMPORTANT

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.





184

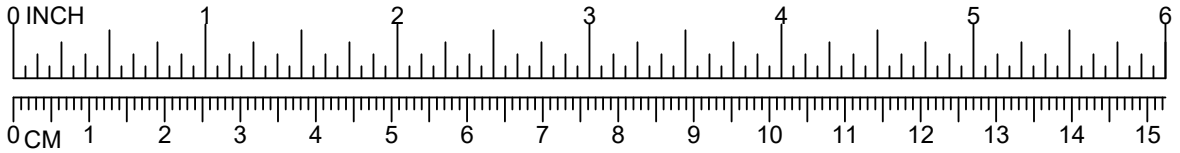
DETAILS -for-
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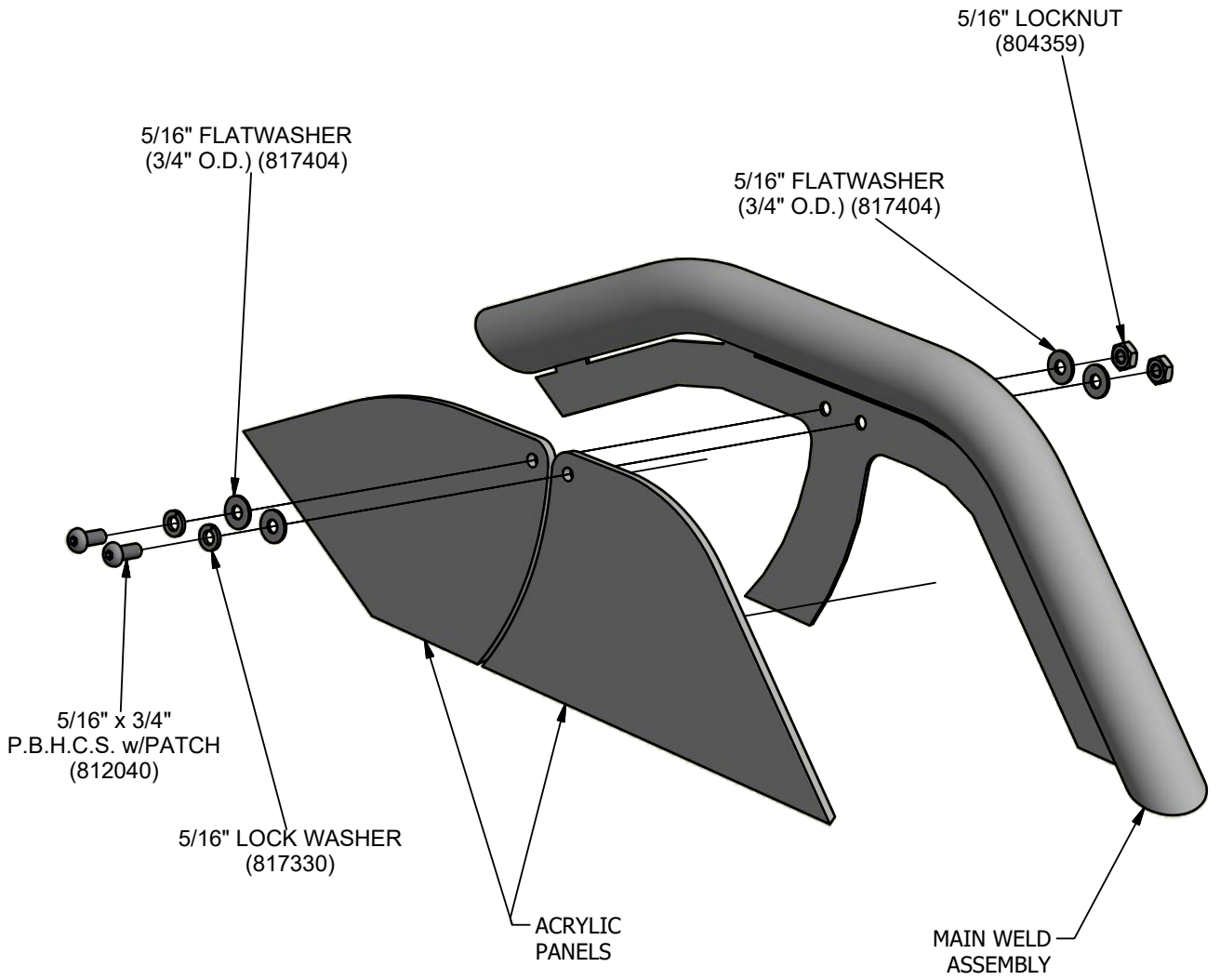
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NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.





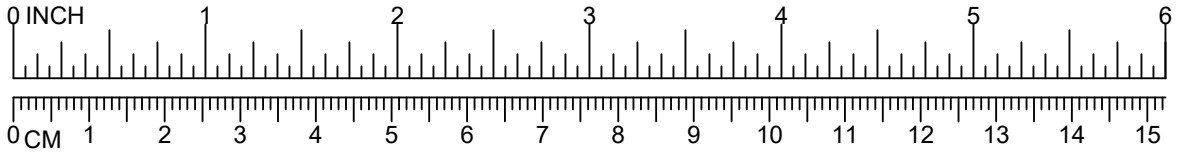
DETAILS -for-
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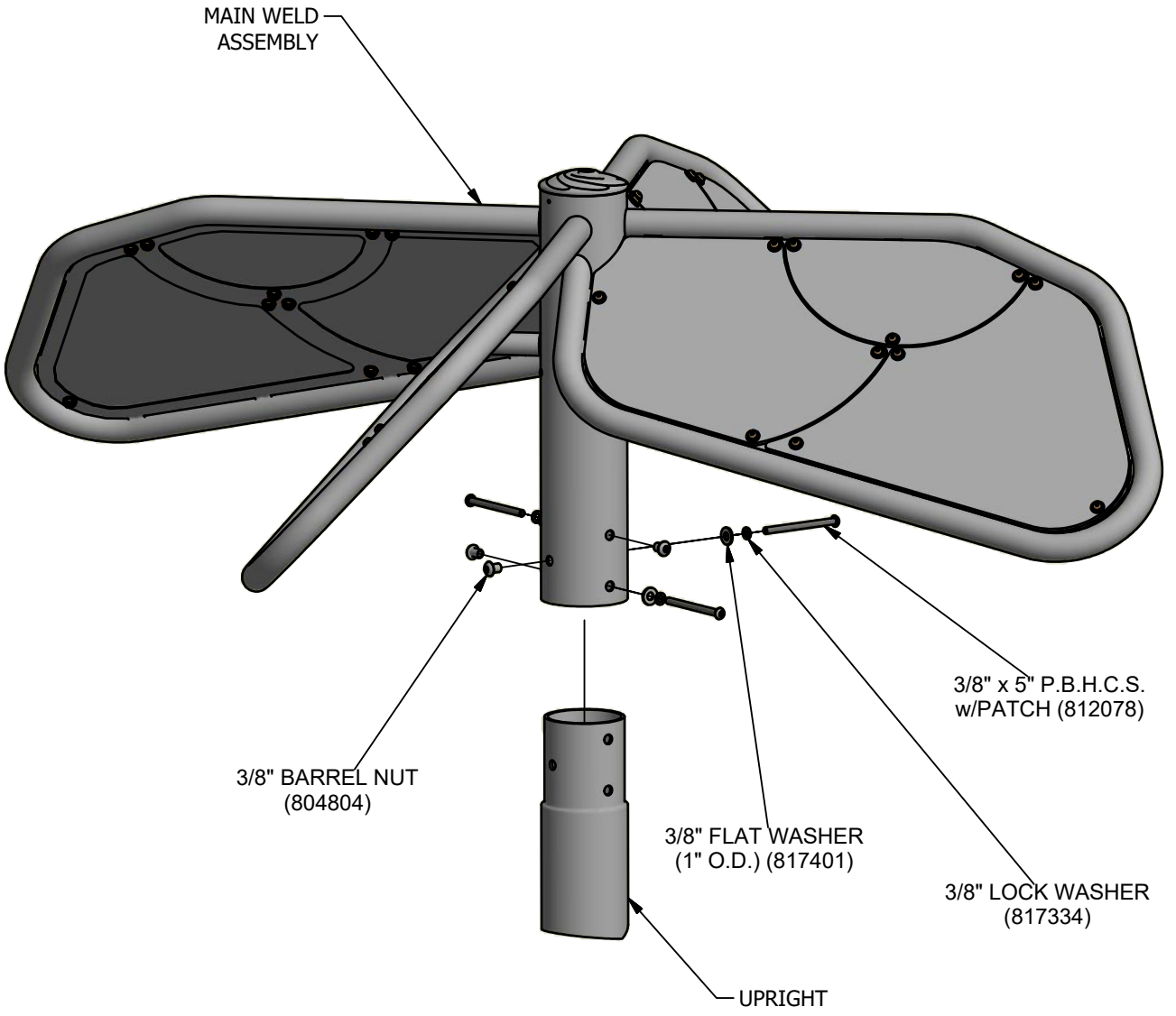
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NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





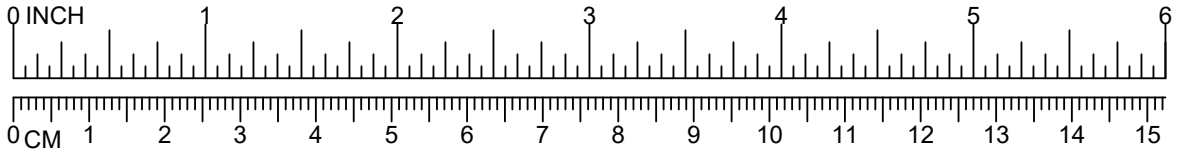
DETAILS -for-
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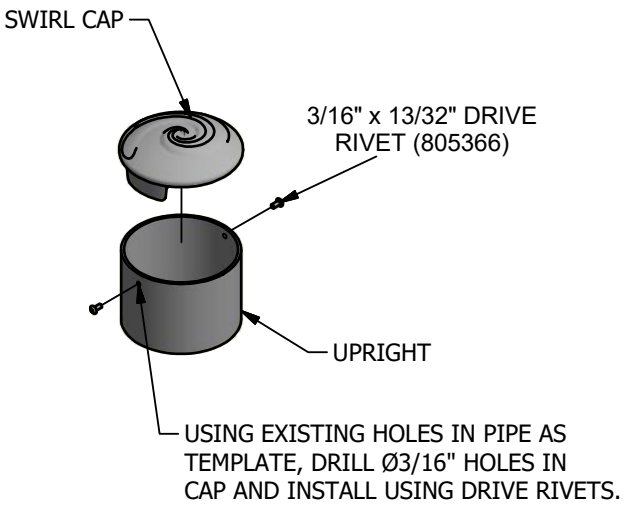
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NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





611

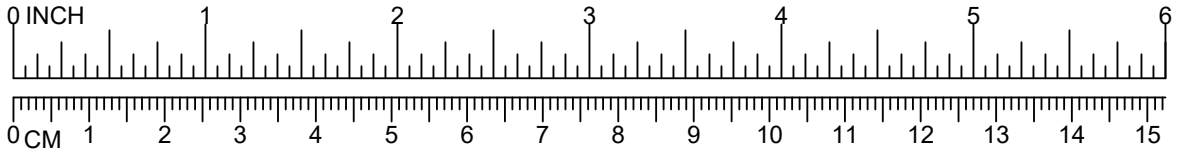
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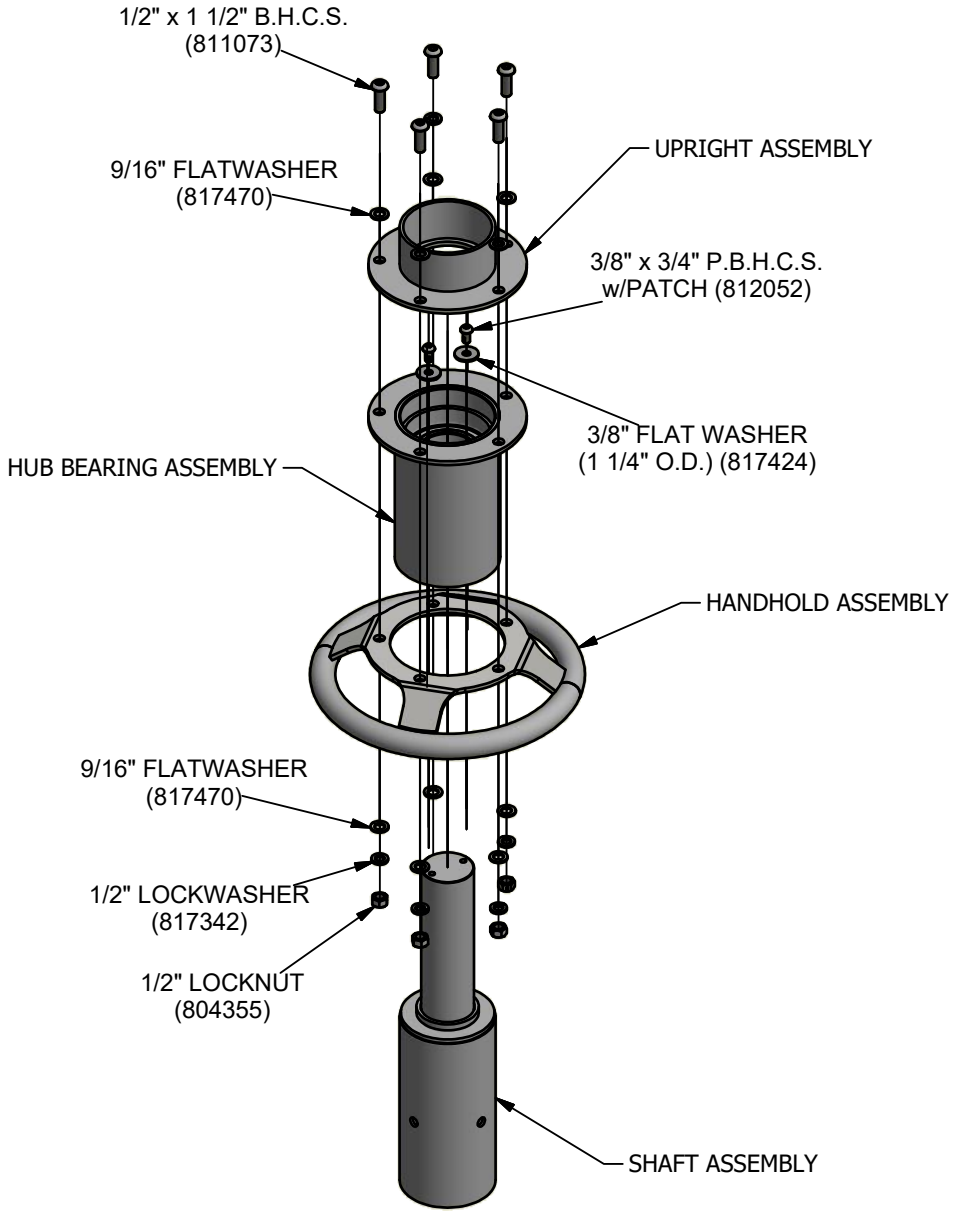
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NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





GameTime
A PLAYCORE Company
1-800-235-2440

6246

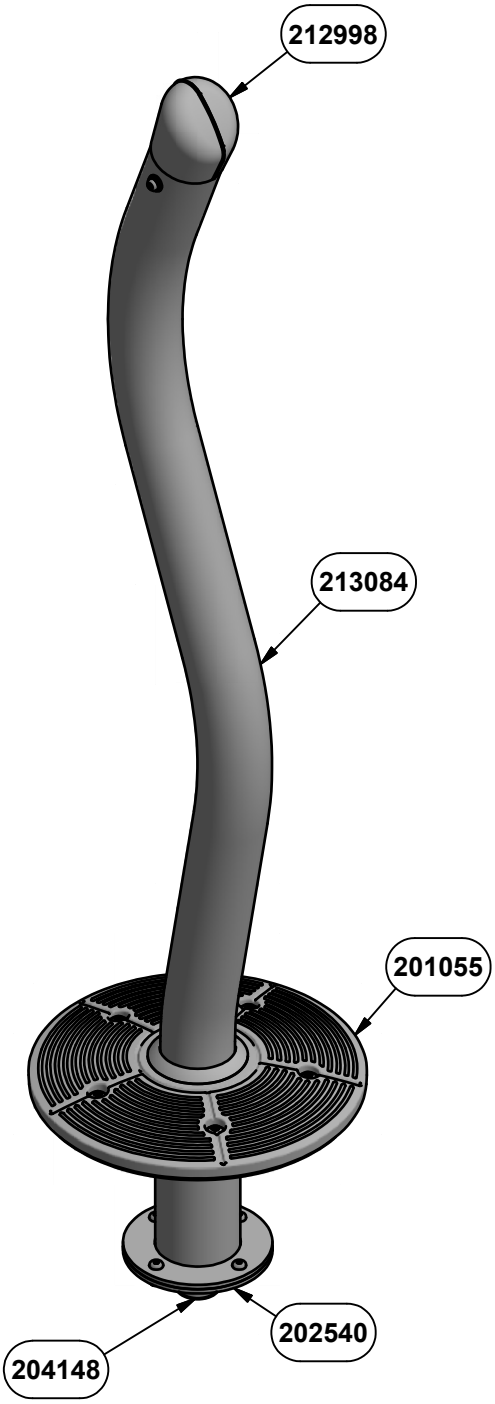
SOLO SPINNER

ISSUED/REVISED: 3/17/2023



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

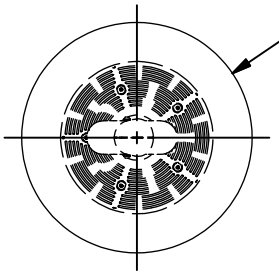


ASSEMBLY VIEW

- THIS PRODUCT 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 PRODUCT TO COMPLY WITH ASTM F1292 AND ASTM F-1487 (U.S.) OR CAN/ CSA-Z614 (CANADA). USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) FOR THIS PRODUCT SHALL EXTEND TO 13'-8" [4.1 M] DIAMETER MINIMUM.

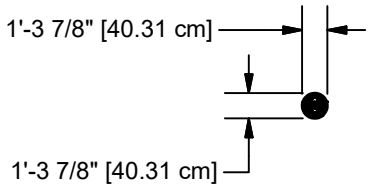
- A NO-ENCROACHMENT ZONE (REQUIRED IN CANADA) SHALL EXTEND TO 25'-8" [7.7 M] DIAMETER MINIMUM.



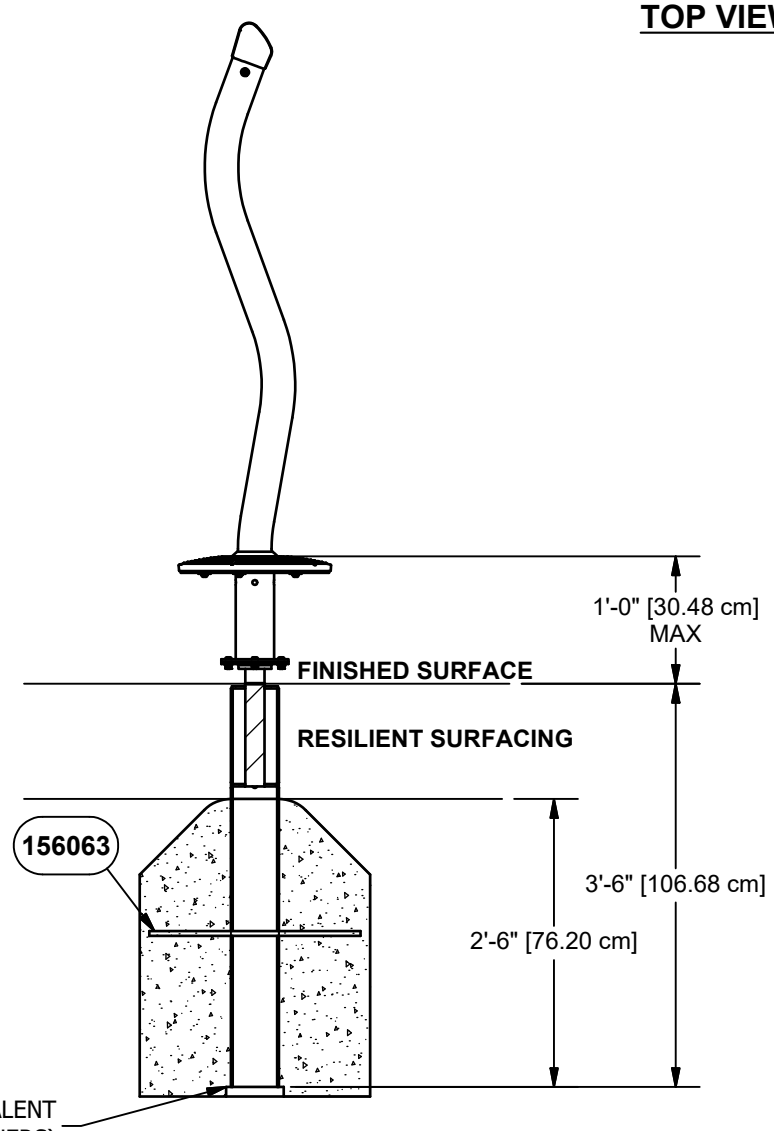
PLAN VIEW

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
.30 CUBIC YARDS
[.22 CUBIC METERS]

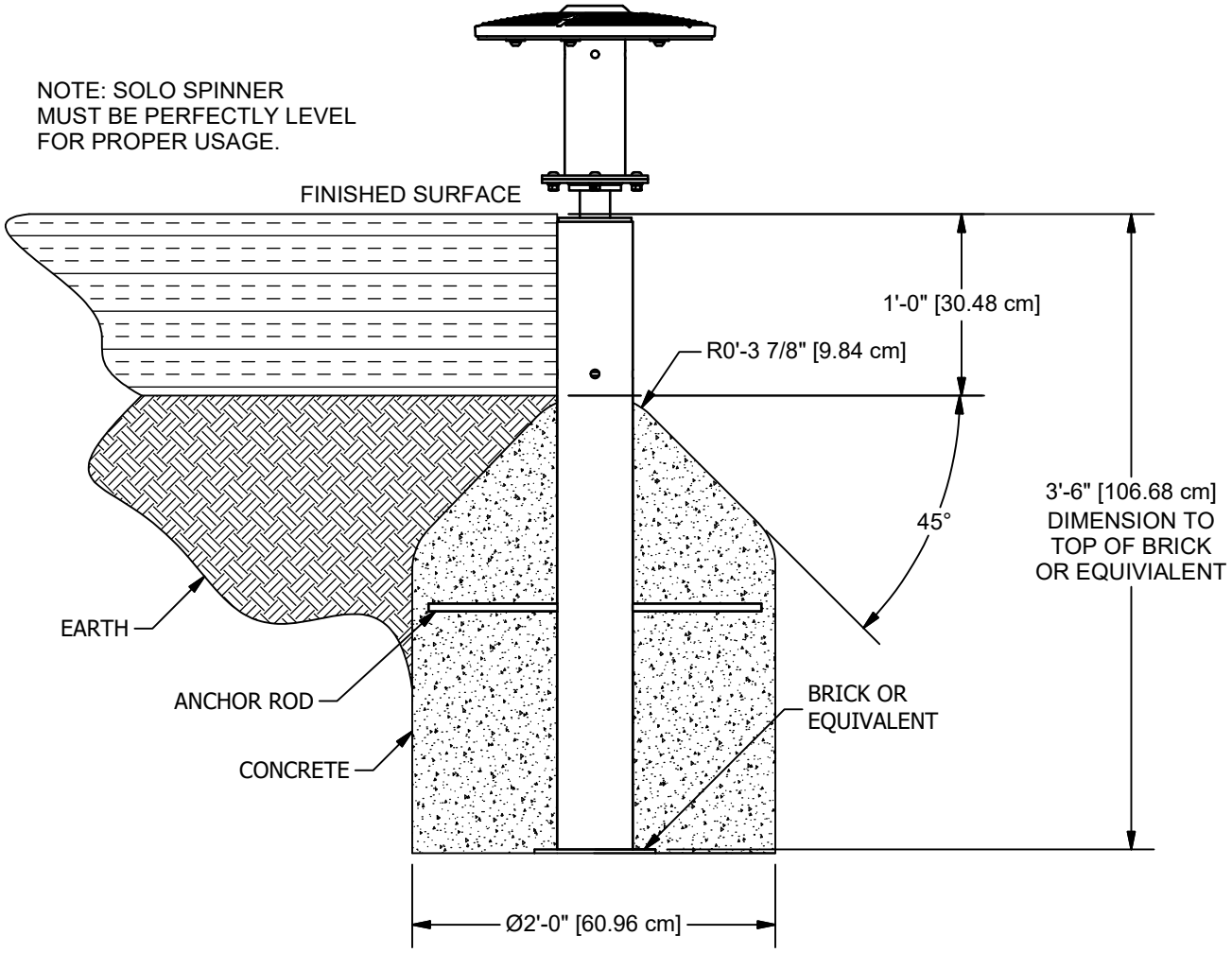


TOP VIEW



ELEVATION VIEW

NOTE: SOLO SPINNER
MUST BE PERFECTLY LEVEL
FOR PROPER USAGE.



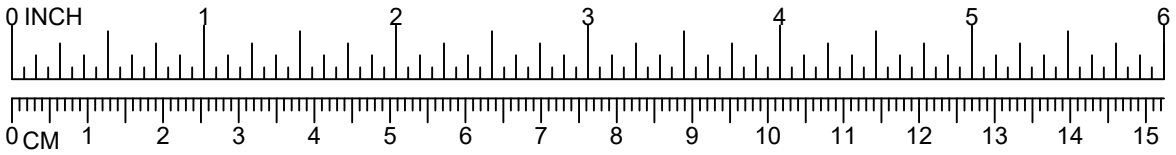
CONCRETE REQUIRED
.22 CUBIC YARDS
[.17 CUBIC METERS]

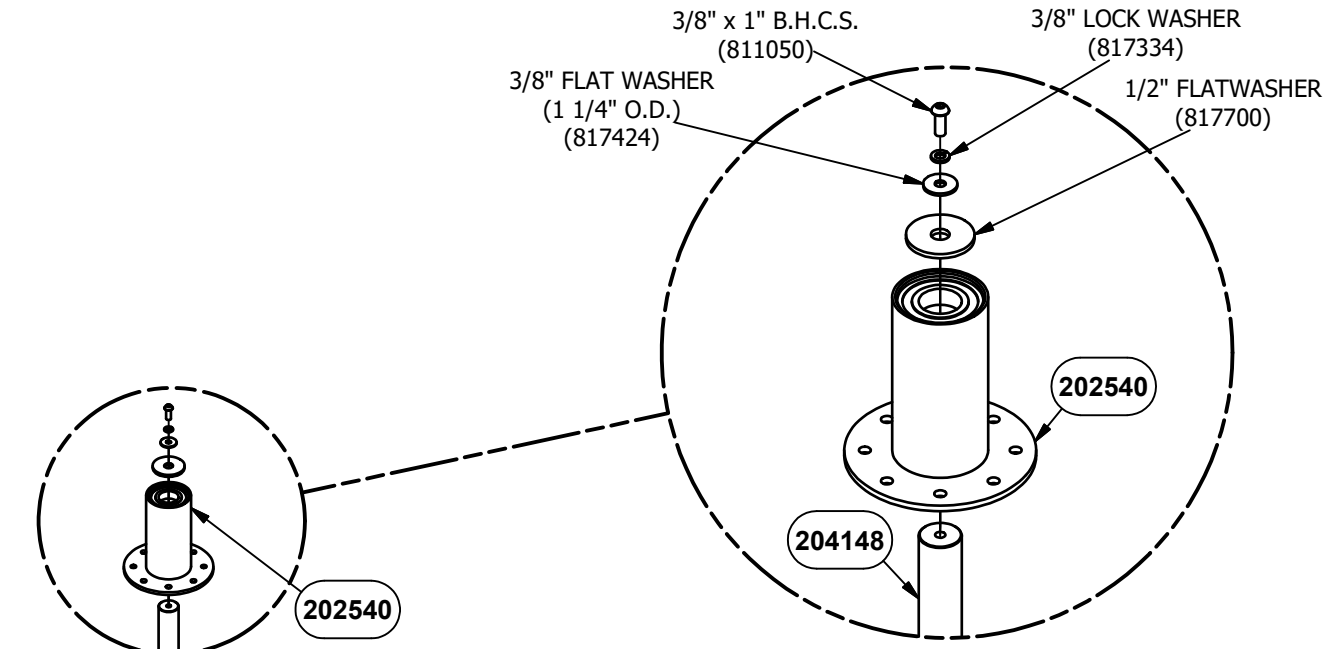
SUGGESTED MINIMUM
CONCRETE RATING:
3000 PSI

SLOPED FOOTING IS A
REQUIREMENT OF
EUROPEAN STANDARD
EN1176-1.

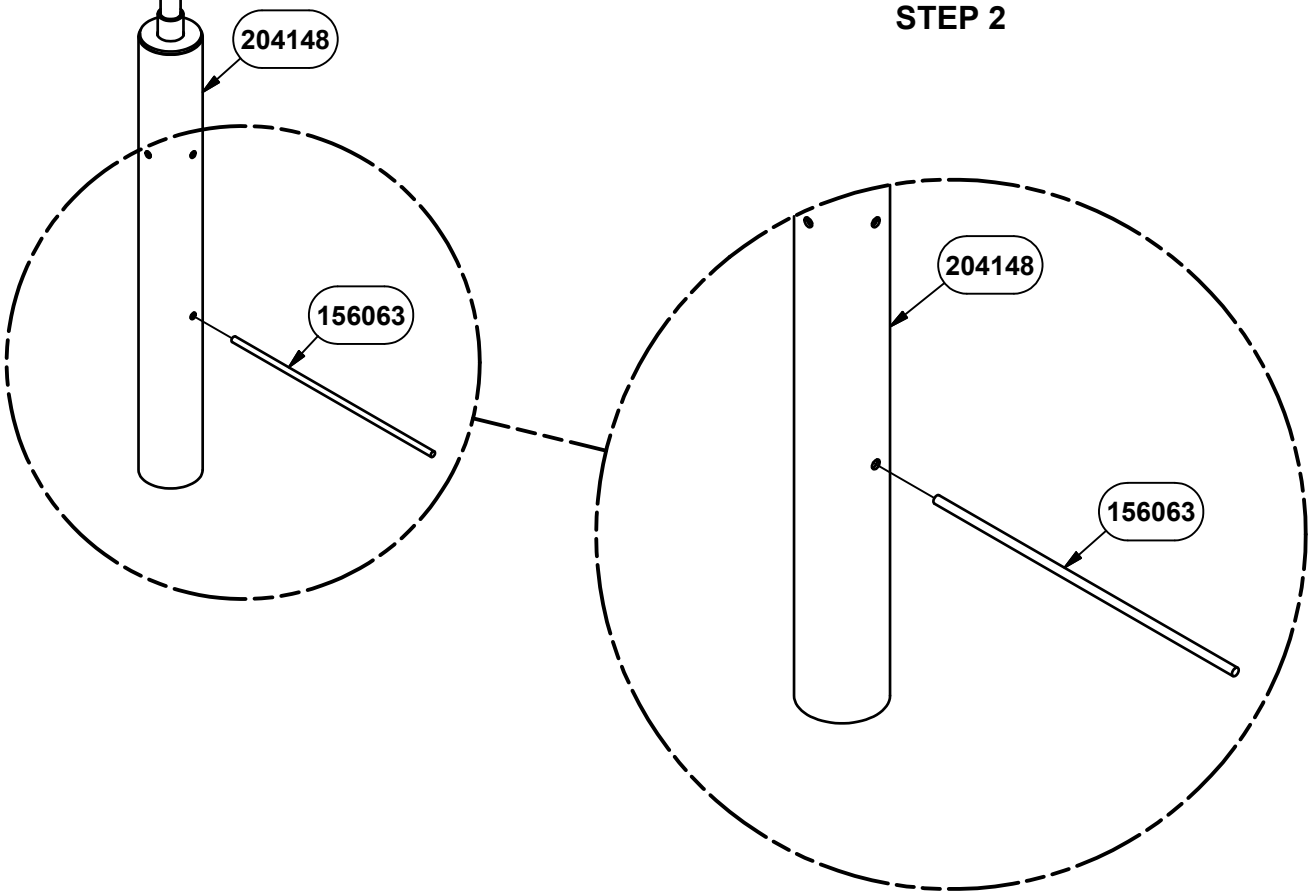
FOOTING DETAIL

SHOCK ABOSORBING PROPERTIES
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IF YOU DETERMINE THAT LESS THAN
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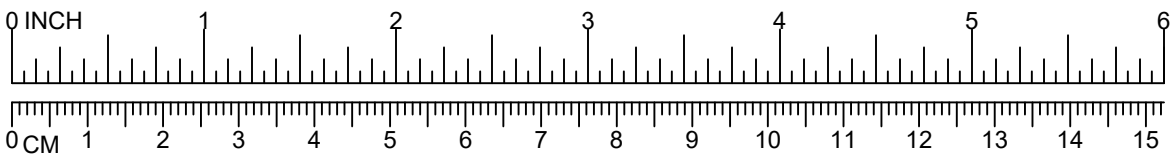
STEP 2

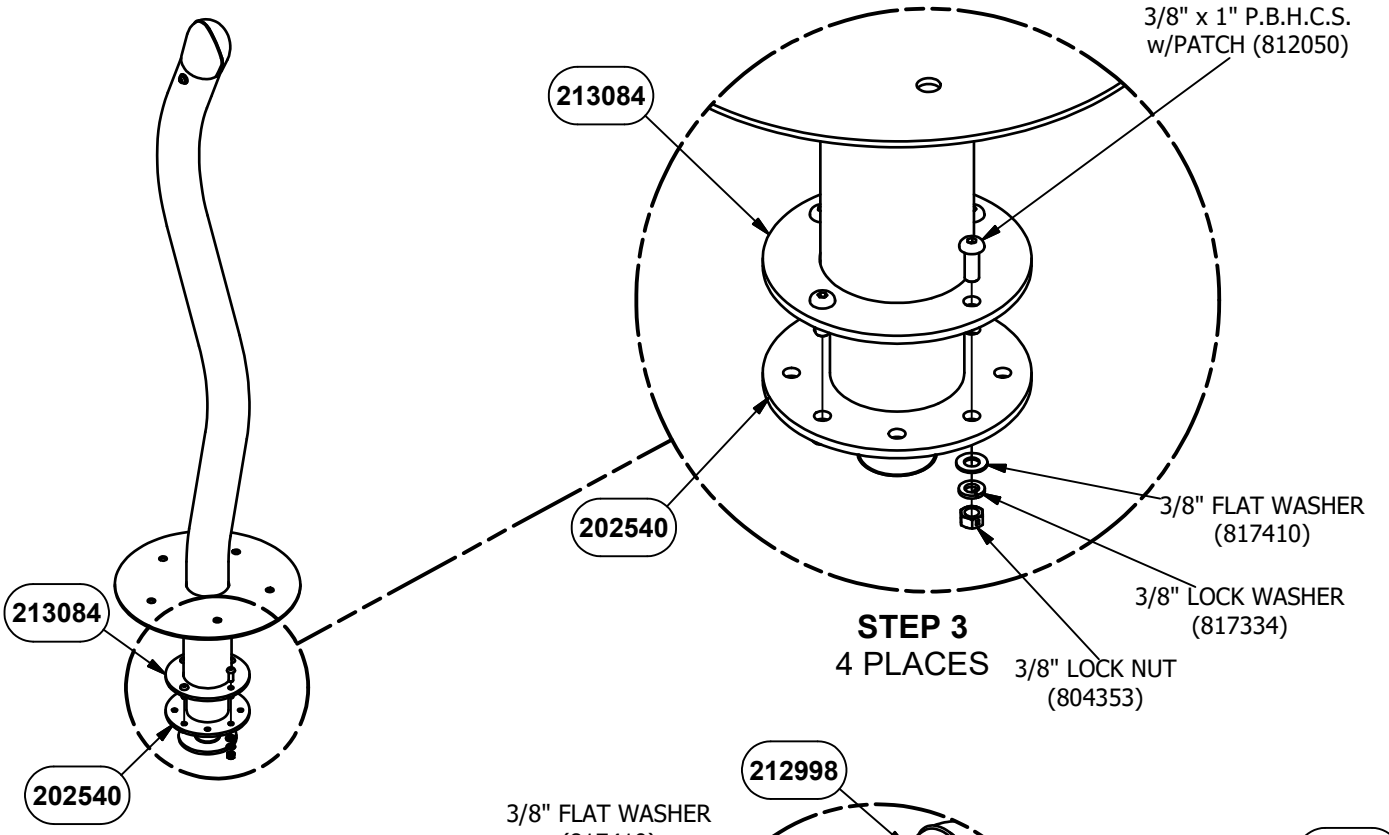


STEP 1

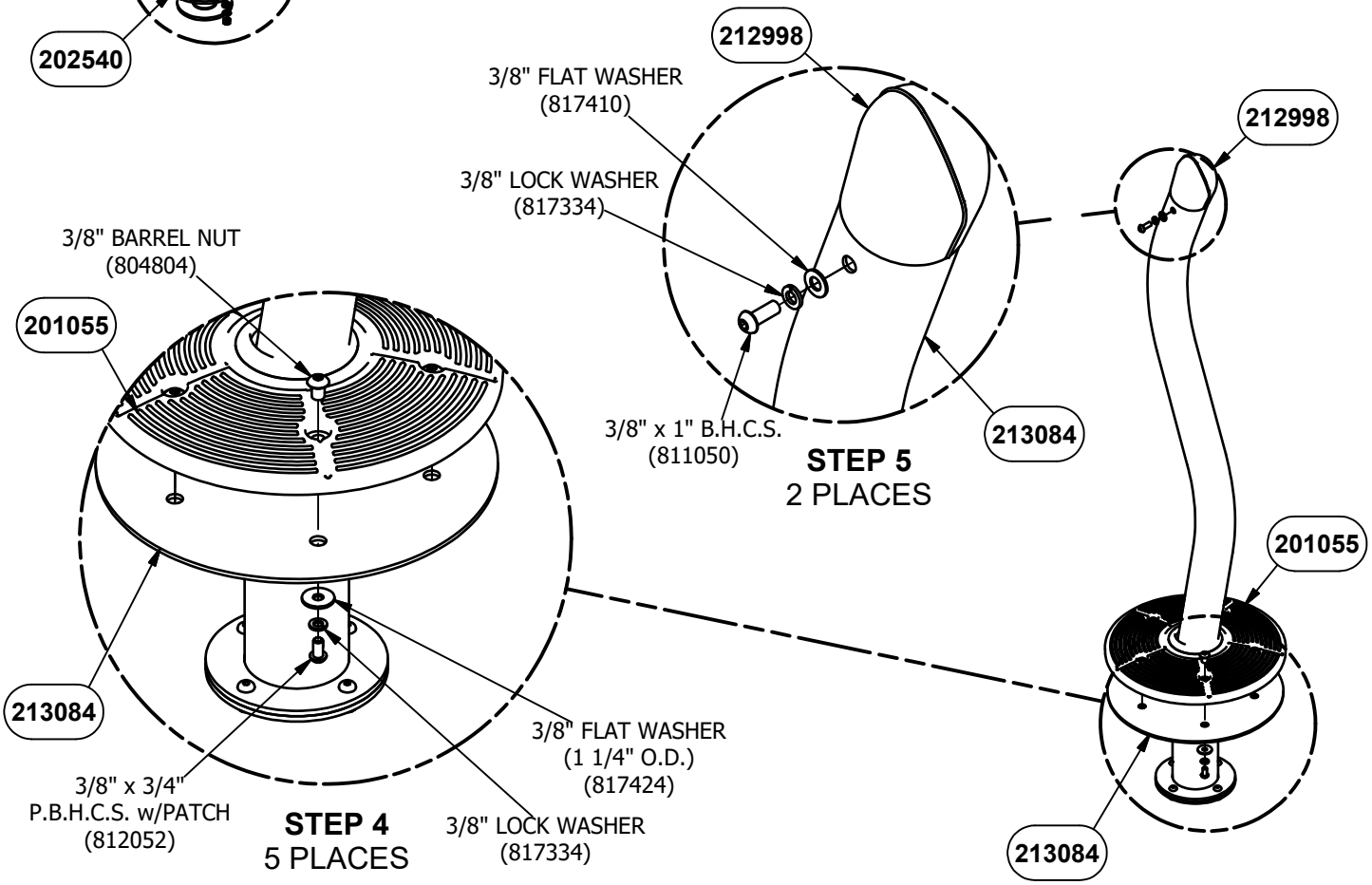
DETAIL VIEW

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





STEP 3
4 PLACES



STEP 5
2 PLACES

STEP 4
5 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 protuding 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 fron 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.

STEP 1: Attach Anchor Rod and place Ground Shaft in ground hole, check to be sure it is level and at the proper height. **REFER TO PAGE 4.**

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

STEP 3: Attach Solo Spinner Weld Assembly to Hub Bearing Assembly. **REFER TO PAGE 5.**

STEP 4: Attach X-Pod Step Surface to Solo Spinner Weld Assembly. **REFER TO PAGE 5.**

STEP 5: Attach Umbra Topper to Solo Spinner Weld Assembly. **REFER TO PAGE 5.**

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

SPECIFICATIONS

SOLO SPINNER WELD ASSEMBLY: Shall be an all welded assembly fabricated from 3 1/2" (4" O.D.) schedule 40 (.226" wall) galvanized steel pipe, 1/4" thick hot rolled steel, 3/16" hot rolled steel, and 3 1/2" O.D. 11 gauge (.120" wall) galvanized steel pipe. The Solo Spinner Weld Assembly shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

HUB BEARING ASSEMBLY: The Hub Weld Assembly shall be an all welded assembly fabricated from machined 3" (.300" wall) black steel pipe and 1/4" thick hot rolled steel plate. Two heavy duty, permanently lubricated and sealed bearings shall be press fit into the Hub Weld Assembly. The Hub Bearing Assembly shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

SHAFT WELD ASSEMBLY: Shall be an all welded assembly fabricated from machined 2.0000" O.D. cold rolled steel, 1/4" hot rolled steel plate, and 11 gauge (.12") galvannealed steel sheet. The Shaft Weld Assembly shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

X-POD STEP SURFACE: X-Pod Step Surface shall be molded EPDM with a 90 durometer.

UMBRA TOPPER: Umbra Topper shall be manufactured from linear low-density polyethylene material and shall conform to the rotationally molded specifications outlined herein. Polyethylene shall be linear low-density material with UV-stabilized color and an anti-static compound additive. Rotationally molded products shall meet or exceep the following specifications: ASTM D-1248, type 2, class A and Federal specification LP-390C, type 1, class M, grade 2, category 3; Density (ASTM D-1505); Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM-790); Heat Distortion (ASTM-648); Low Temperature Impact (ARM-STD).

POWDER COAT FINISH: Shall be an electrostatically applied custom formula of TGIC polyester powder. All components will be free of sharp edges and excess weld spatter and shall be cleaned in a 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.

Parts List		
DESCRIPTION	QTY	PART NUMBER
SOLO SPINNER WELD ASSEMBLY	1	213084
UMBRA TOPPER	1	212998
GROUND SHAFT	1	204148
HUB BEARING ASSEMBLY	1	202540
X-POD STEP SURFACE (2-5)	1	201055
HARDWARE COMPLETE	1	213350
3/8" x 3/4" P.B.H.C.S. w/PATCH	5	812052*
3/8" x 1" P.B.H.C.S. w/PATCH	4	812050*
3/8" x 1" B.H.C.S.	3	811050*
3/8" LOCK WASHER	12	817334*
3/8" FLAT WASHER (1 1/4" O.D.)	6	817424*
3/8" FLAT WASHER	6	817410*
3/8" BARREL NUT	5	804804*
3/8" LOCK NUT	4	804353*
1/2" FLATWASHER	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 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.

GameTime
A PLAYCORE Company
1-800-235-2440

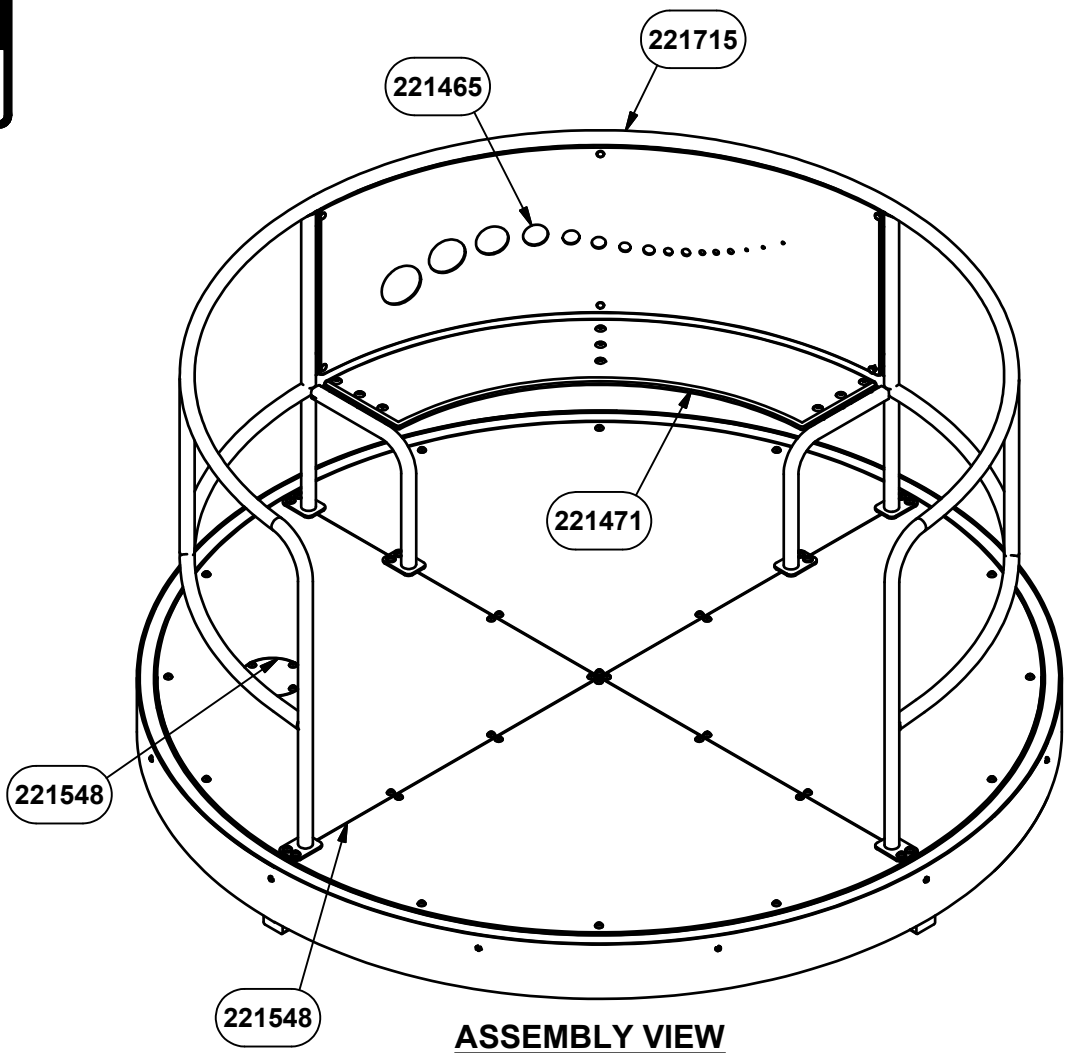
6262

INCLUSIVE WHIRL - BASIC

ISSUED/REVISED: 6/21/2023



INCLUSIVE WHIRL - BASIC	**6262**
INCLUSIVE WHIRL - NATURAL	**6263**
INCLUSIVE WHIRL - PLAYFUL	**6264**

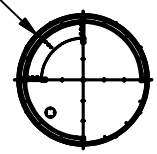


ASSEMBLY VIEW
6262 SHOWN
OTHERS SIMILAR

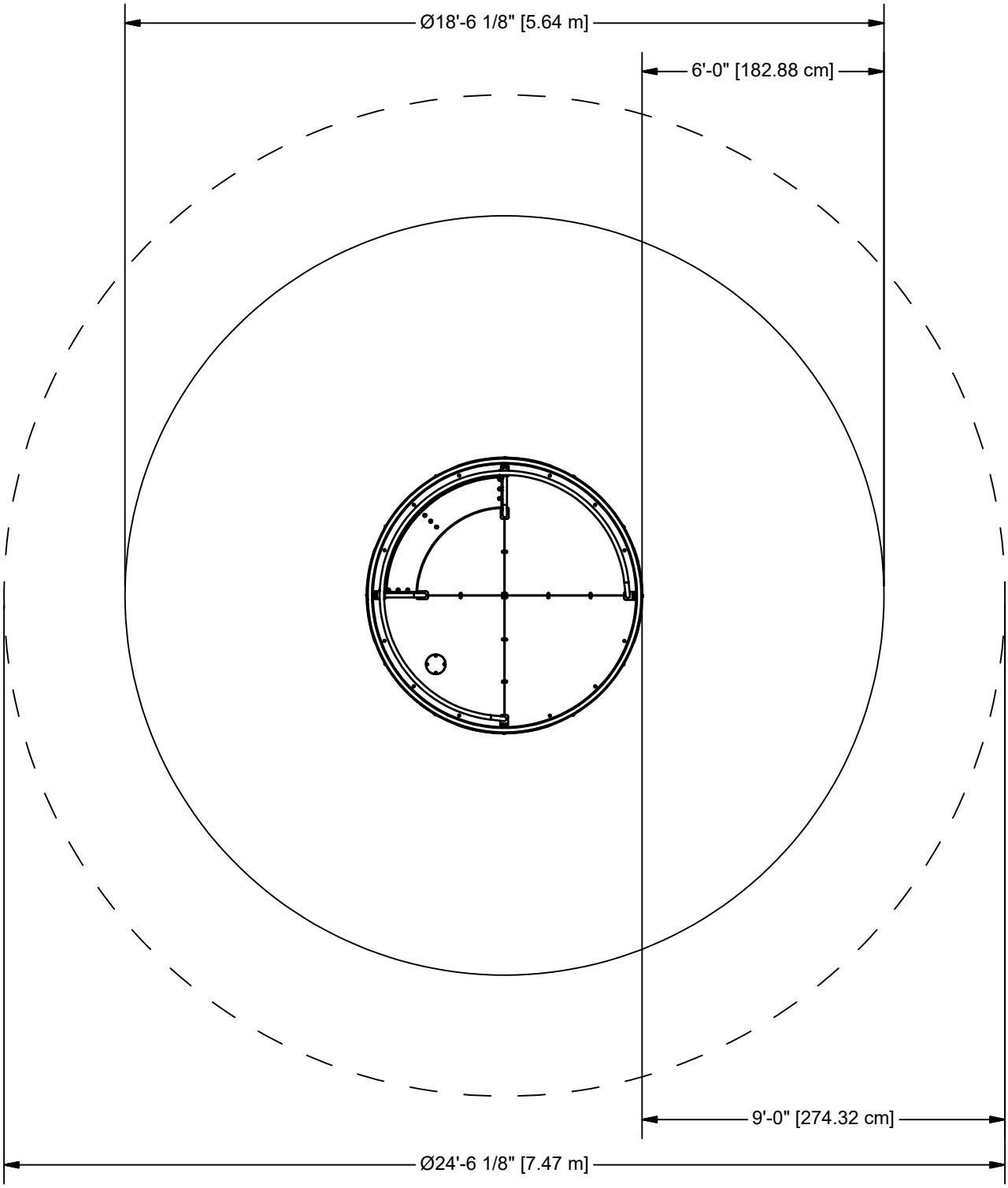
IMPORTANT:
ONCE ASSEMBLY IS COMPLETE PERFORM CRITICAL FINAL CHECKS ON PAGE 9.

* THIS WHIRL SHALL BE INSTALLED IN A LOW-TRAFFIC AREA.
* OWNER/OPERATIOR 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 WHIRL 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.

Ø6'-9 7/8" [Ø208.00 cm]



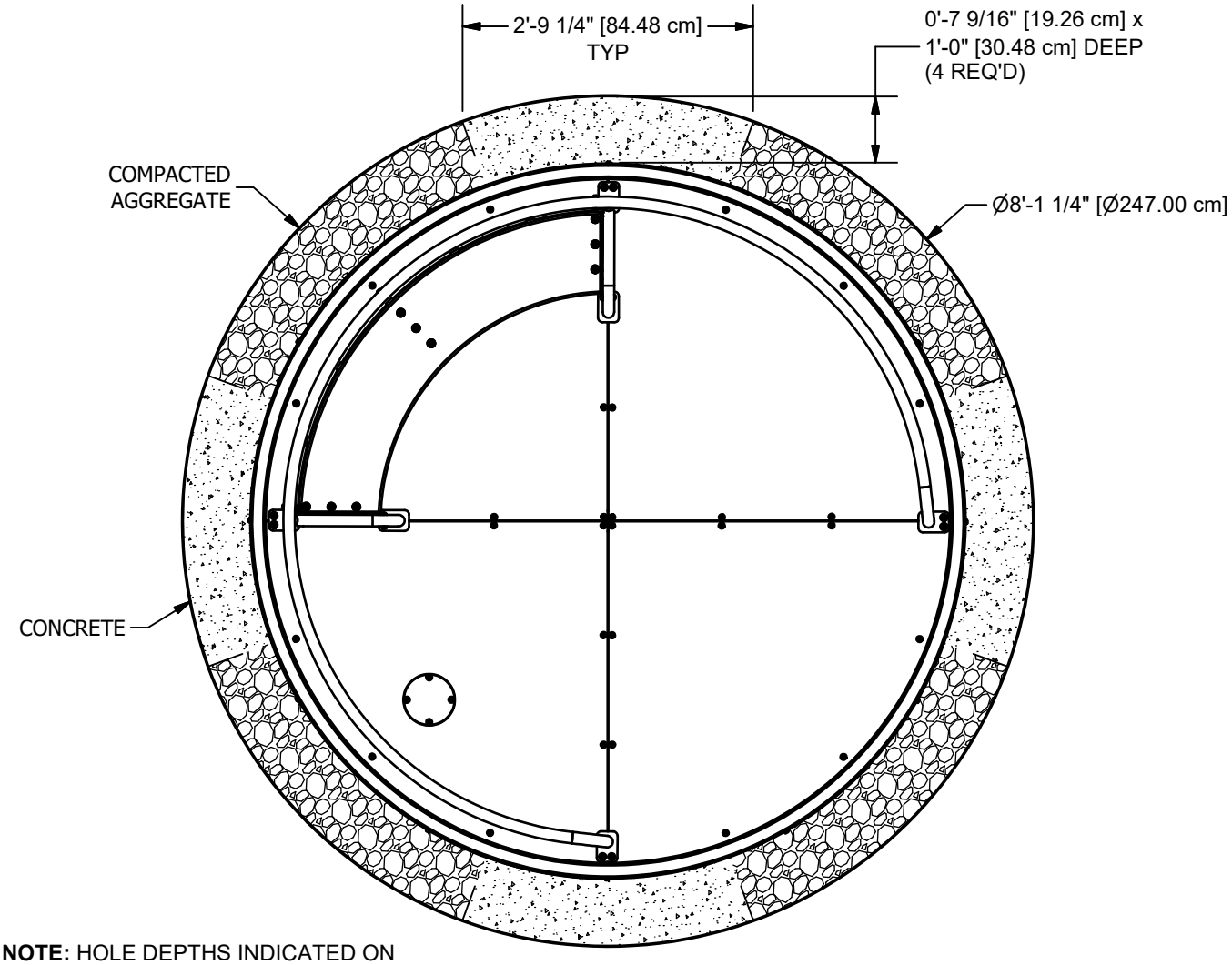
TOP VIEW



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 INCLUSIVE WHIRL SHOWN.
3. DASHED LINES REPRESENT CSA NO-ENCROACHMENT ZONE (CANADA ONLY).

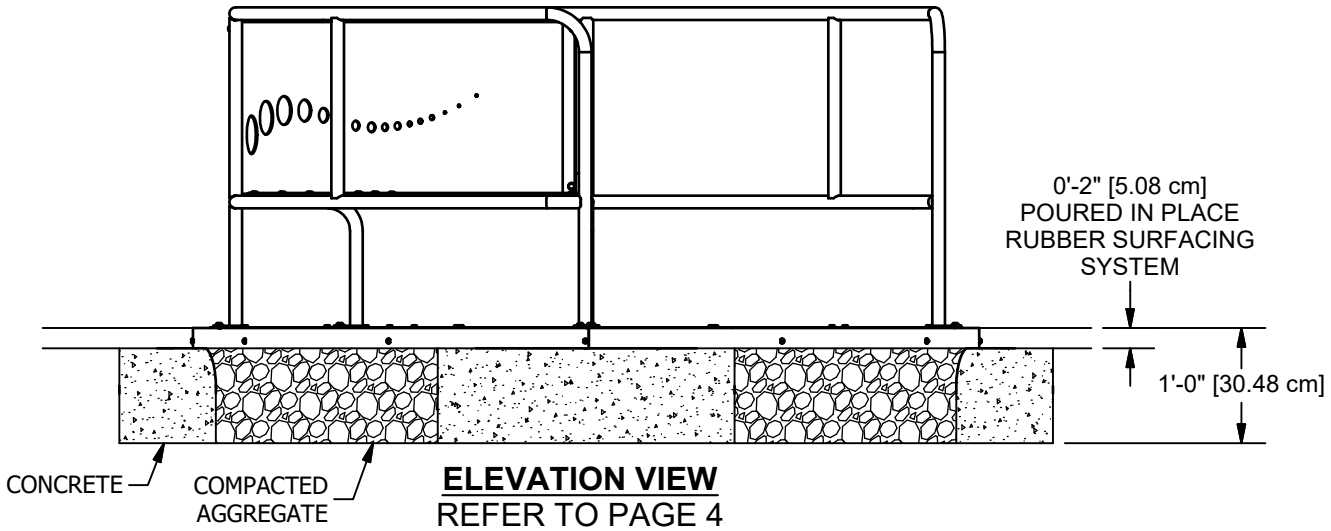
STEP 1



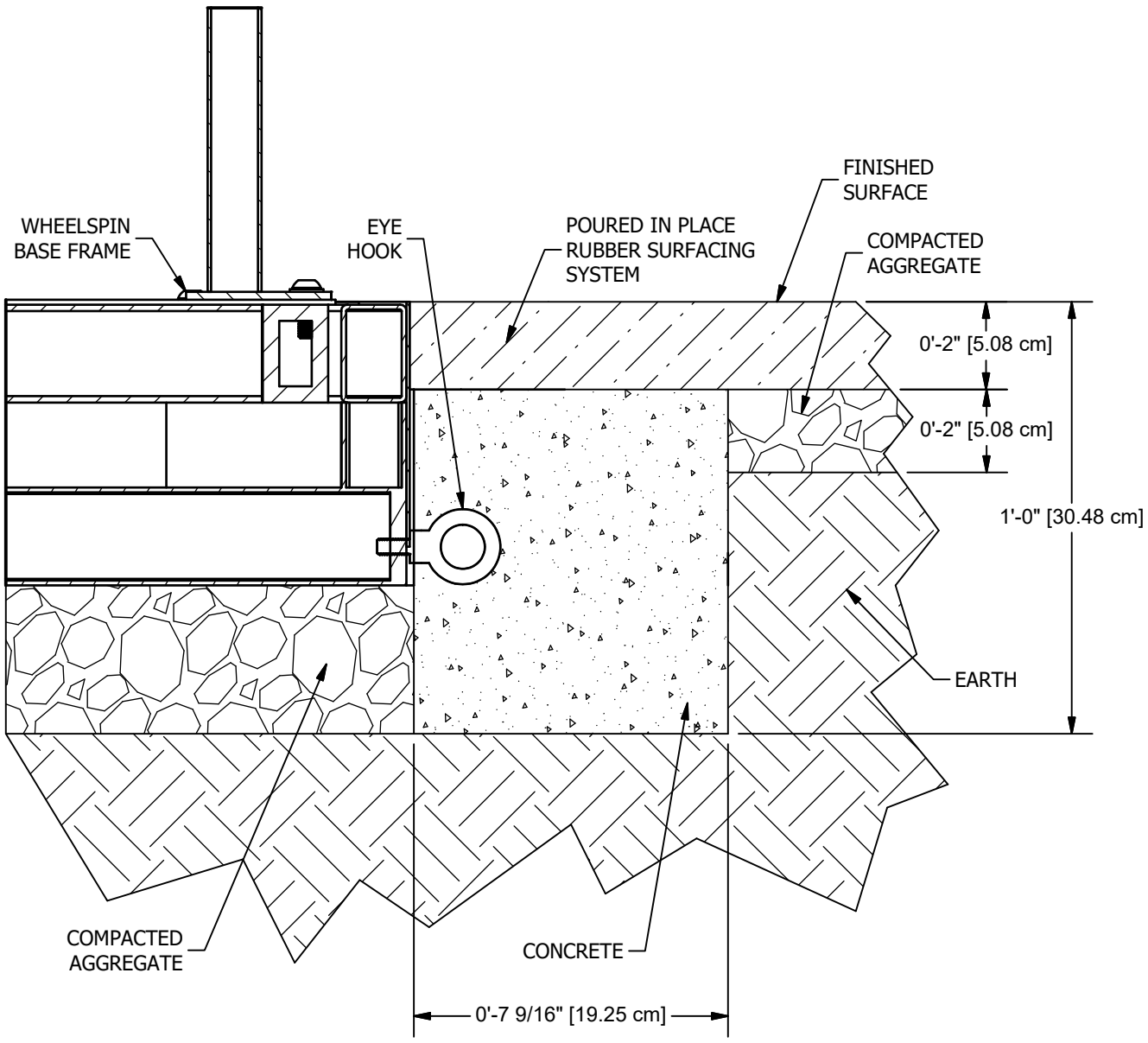
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

PLAN VIEW
REFER TO PAGE 4
FOOTING DETAIL

CONCRETE REQUIRED:
0.22 CUBIC YARDS
[0.16 CUBIC METERS]

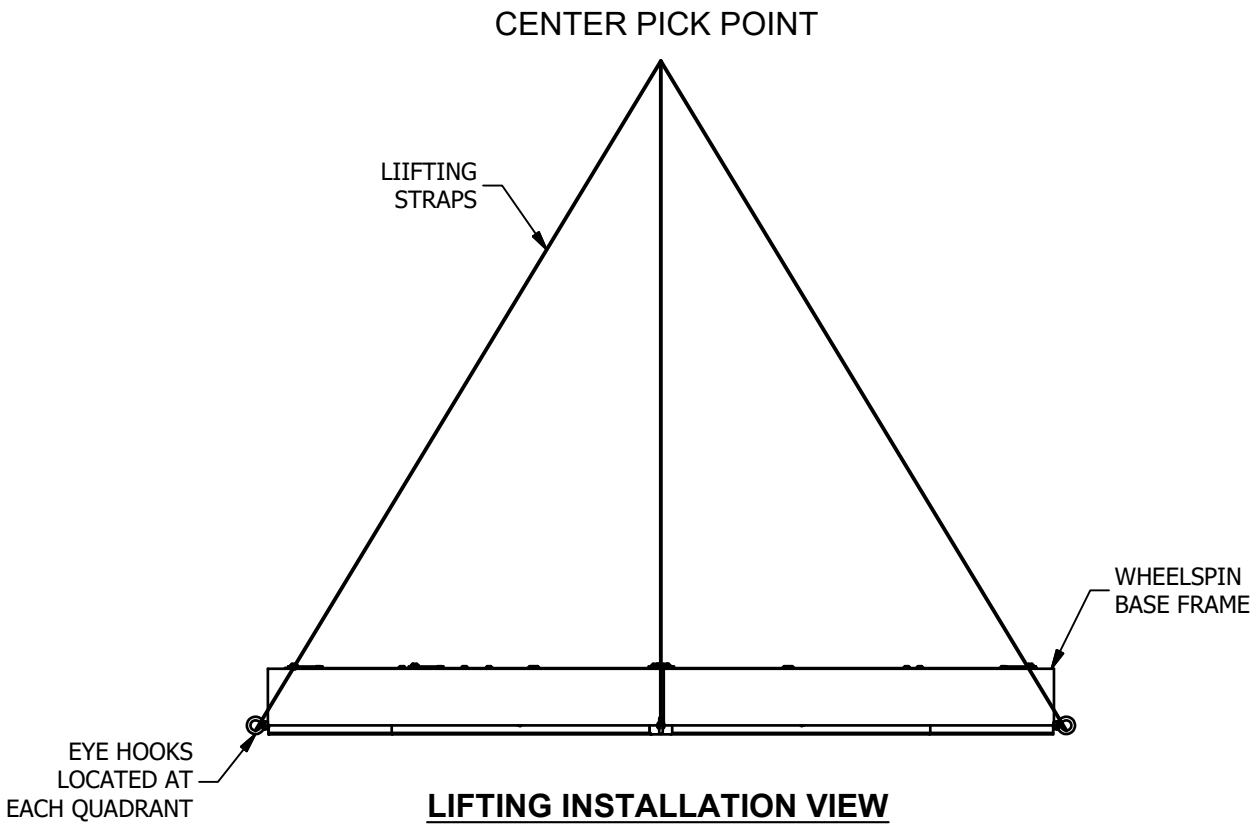


ELEVATION VIEW
REFER TO PAGE 4
FOOTING DETAIL

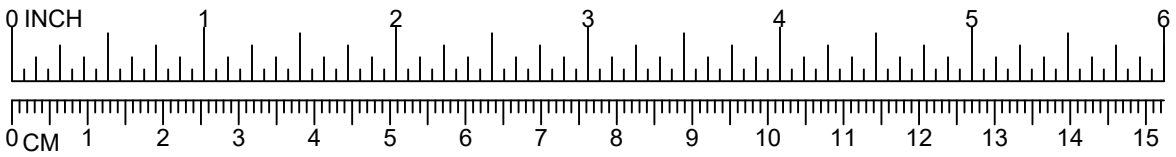


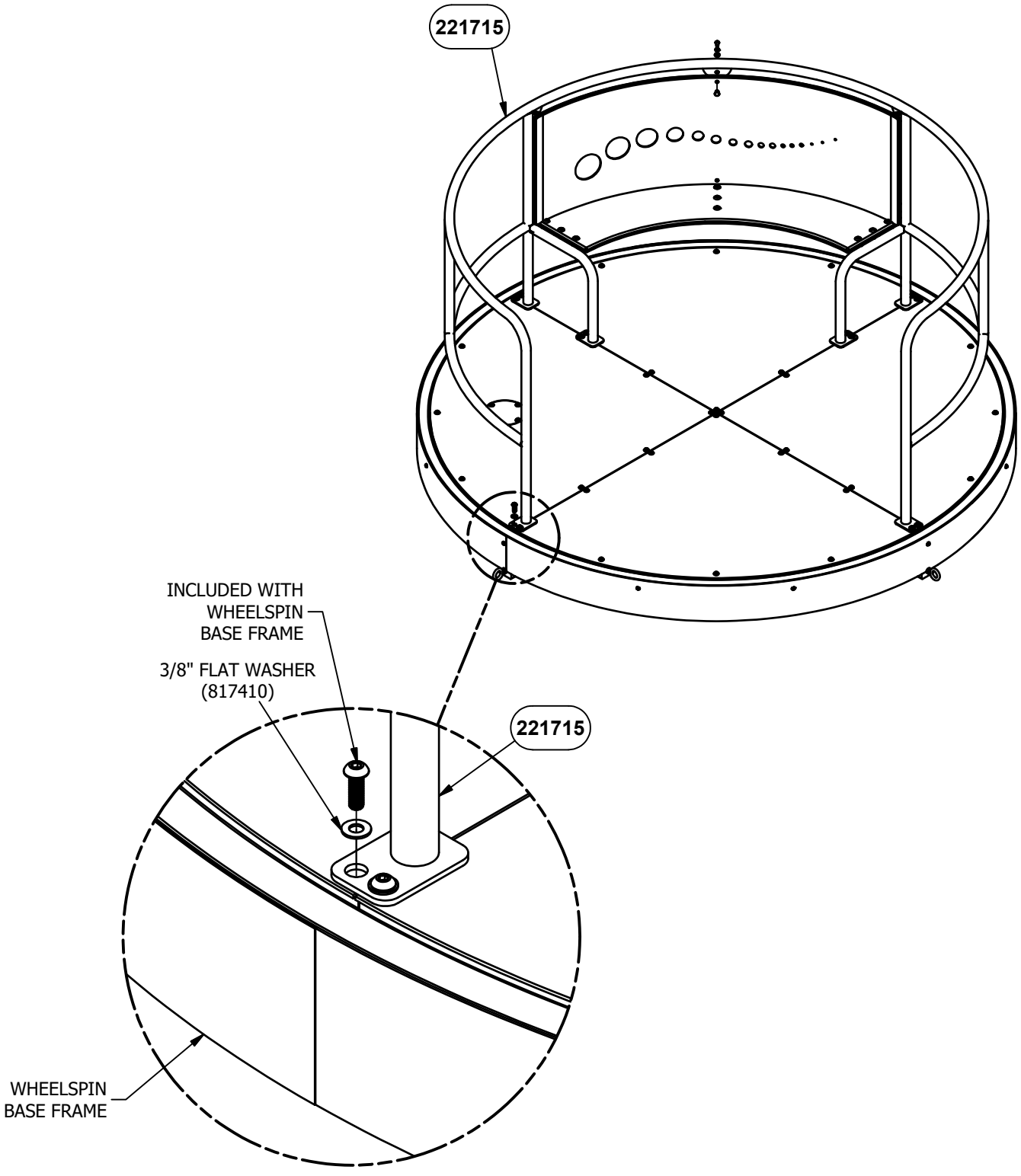
FOOTING DETAIL

STEP 2



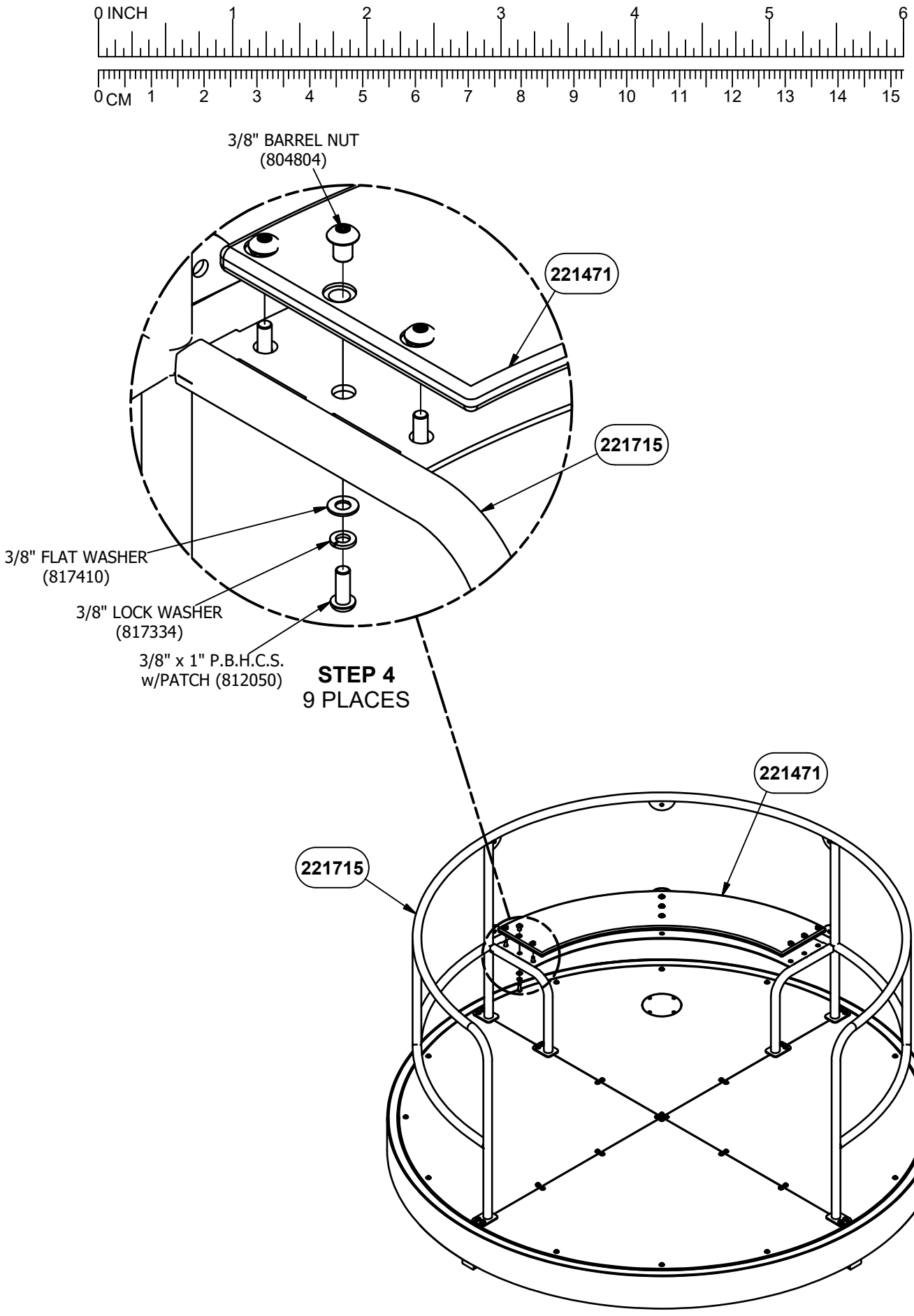
LIFTING INSTALLATION VIEW



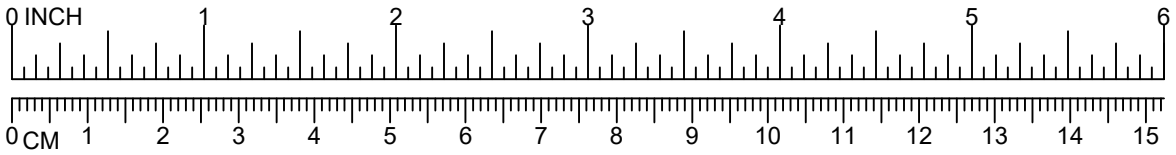


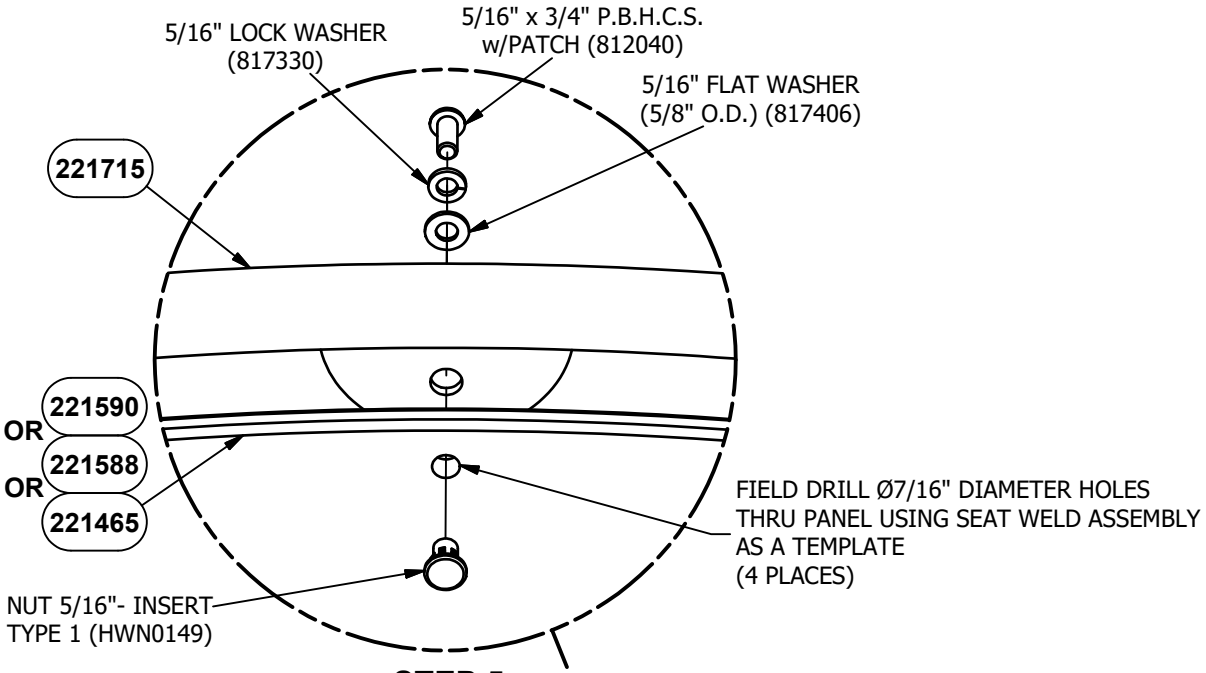
STEP 3
12 PLACES

DETAIL VIEW


0 INCH 1 2 3 4 5 6
0 CM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
3/8" BARREL NUT
(804804)
221471
221715
3/8" FLAT WASHER
(817410)
3/8" LOCK WASHER
(817334)
3/8" x 1" P.B.H.C.S.
w/PATCH (812050)
STEP 4
9 PLACES
221471
221715

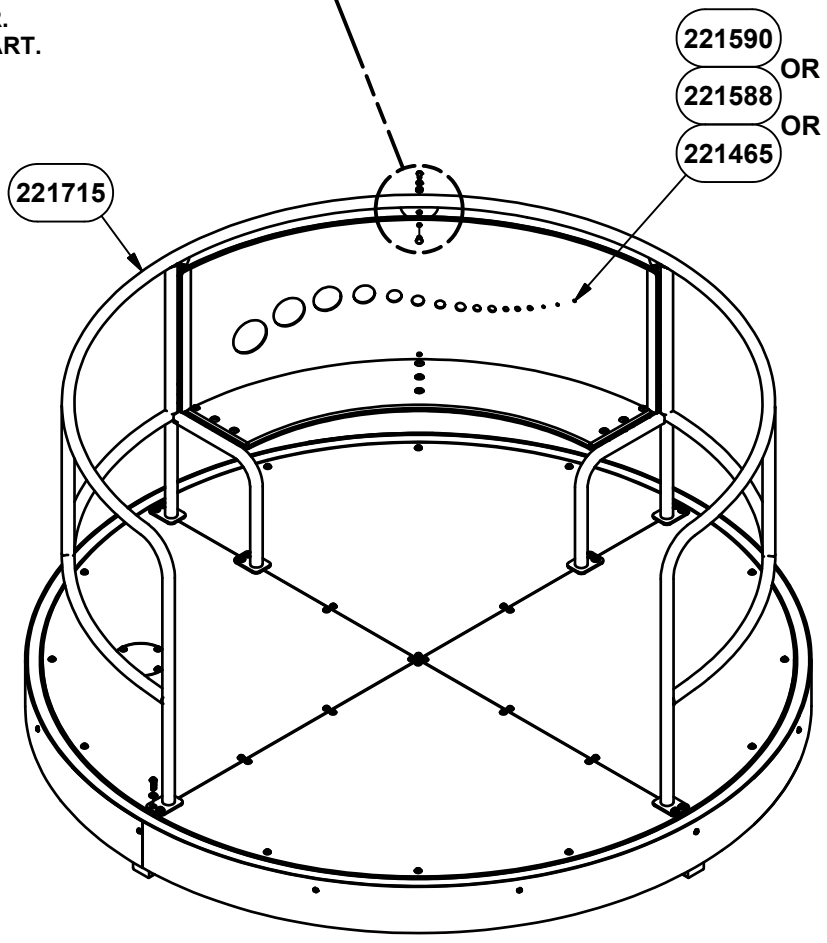
DETAIL VIEW



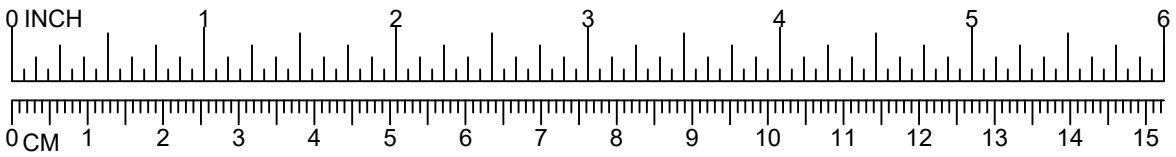


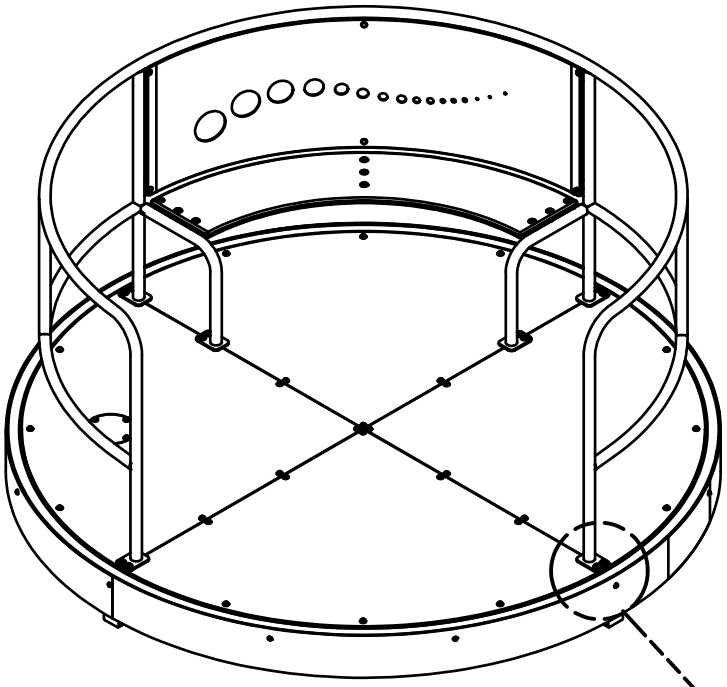
STEP 5
6 PLACES

CAUTION: WHILE INSTALLING HWN0149
USE HAND TOOLS ONLY.
DO NOT USE AN IMPACT DRIVER.
DOING SO COULD DAMAGE THE PART.



DETAIL VIEW





PROBE CHECK VIEW

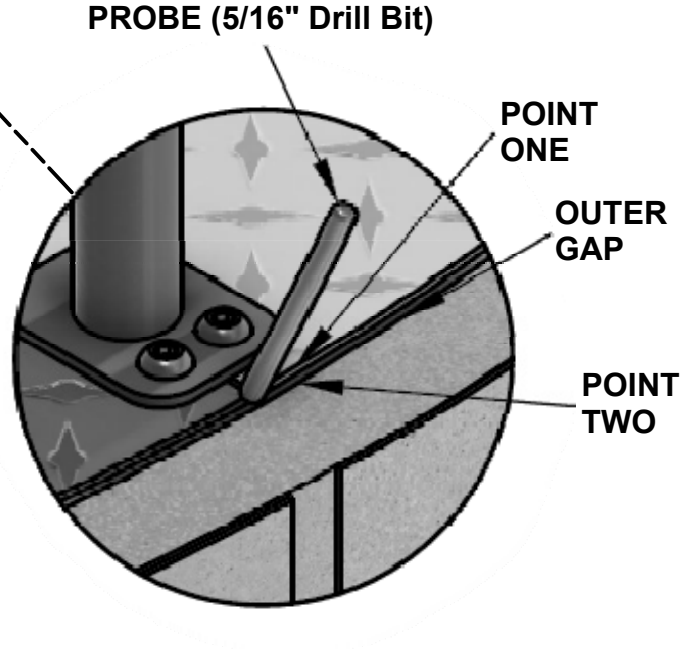
CRITICAL FINAL CHECKS

Following installation, it is vital that final checks are carried out.

1. Ensure the rotation of the Whirl runs smoothly.

2. Check that all hardware is secured tightly.

3. Slowly rotate the Whirl while using the "Probe" (5/16" Drill Bit) to ensure the gap between "**Point One"** and "**Point Two" DOES NOT EXCEED** 5/16" [8 mm] anywhere along the "**Outer Gap".**



WHIRL ADJUSTMENTS (ONLY IF REQUIRED)

1. Adjustments can be carried out by loosening the hardware on the Floor Quadrants and adjusting the position of the Floor Quadrants where necessary. This will help reduce any gaps along the Outer Gap that may exceed 5/16" [8mm].

2. Further alterations can be carried out by adjusting the top section placement of the Bearing. To do this, remove the Top Frame and Floor Quadrants and loosen the hardware connecting the Top Frame to the Bearing. This will allow you to make any slight adjustments to the Top Frame.

3. Once complete, tighten the inner section and then reattach the Floor Quadrants and Whirl Seat Weld Assembly. Ensure the gap does not exceed 5/16" [8mm] anywhere along the Outer Gap. Ensure all hardware is secured tightly.

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 protuding 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 fron 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: Dig compacted aggregate away from the four areas around the eye hooks according to Elevation View. **REFER TO PAGE 3 AND 4.**

STEP 2: Lift Inclusive Whirl into place by using lifting straps and eye hooks. **REFER TO PAGE 5.**

STEP 3: Attach Whirl Seat Weld Assembly to the Wheelspin Base Frame. **REFER TO PAGE 6.**

STEP 4: Attach HDPE Seat to the Whirl Seat Weld Assembly. **REFER TO PAGE 7.**

STEP 5: Attach HDPE Backrest to the Whirl Seat Weld Assembly. **REFER TO PAGE 8.**

CRITICAL FINAL CHECKS

REFER TO PAGE 9 FOR PROBE CHECK VIEW AND CRITICAL FINAL CHECK NOTES.

NOTE: Ensure the rotation of the Whirl runs smoothly and check that all hardware is secured tightly.

Slowly rotate the Whirl while using the "Probe" (5/16" Drill Bit) to ensure the gap between "**Point One"** and **"Point Two"** **DOES NOT EXCEED** 5/16" [8 mm] anywhere along the **"Outer Gap".**

BEARING MAINTENANCE

REFER TO PAGE 12 FOR BEARING MAINTENANCE VIEWS.

STEP 1: Inspection hatch is located under seat and attached by four security screws.

STEP 2: Fill the grease gun with waterproof grease tube and attach the grease gun to the nipple.

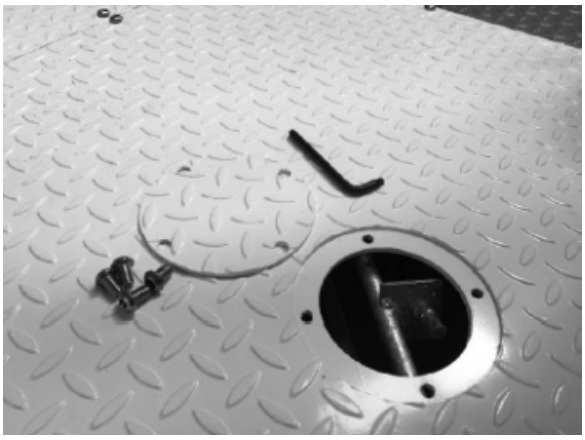
STEP 3: Pump the grease gun while slowly rotating the Whirl.

STEP 4: Continue to do this until the grease gun is empty.

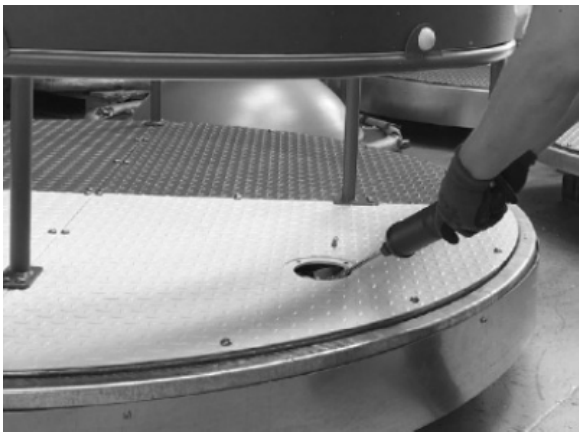
STEP 5: Spin the Whirl for a few minutes to allow the grease to settle into the bearing.

STEP 6: Ensure the inspection hatch is put securely back in place.

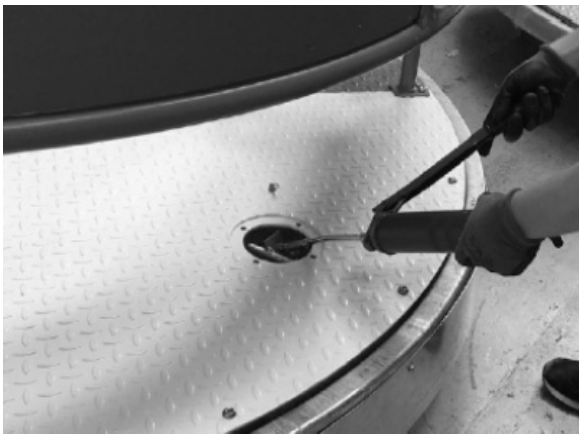
BEARING MAINTENANCE



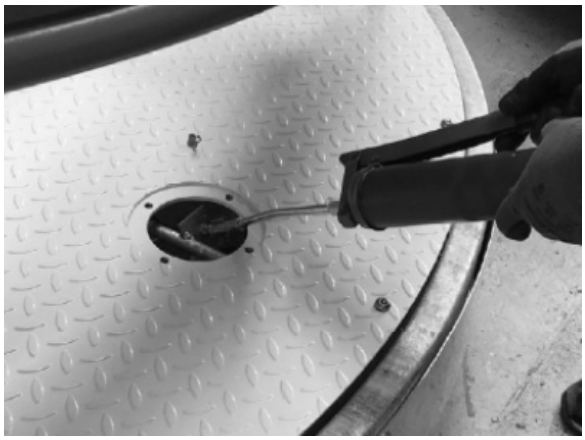
STEP 1
INSPECTION HATCH IS LOCATED UNDER SEAT AND ATTACHED BY FOUR SECURITY SCREWS.



STEP 2
FILL THE GREASE GUN WITH WATERPROOF GREASE TUBE AND ATTACH THE GREASE GUN TO THE NIPPLE.



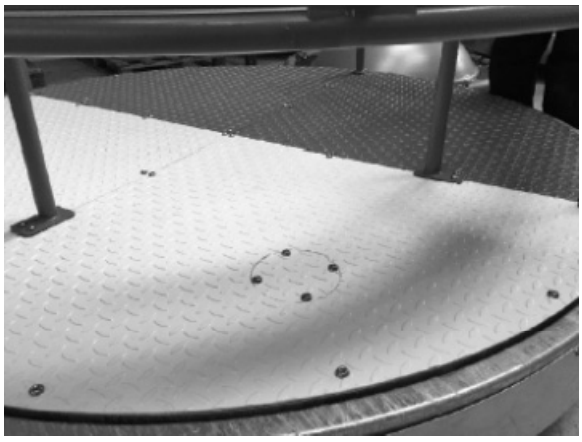
STEP 3
PUMP THE GREASE GUN WHILE SLOWLY ROTATING THE WHIRL.



STEP 4
CONTINUE TO DO THIS UNTIL THE GREASE GUN IS EMPTY.



STEP 5
SPIN THE WHIRL FOR A FEW MINUTES TO ALLOW THE GREASE TO SETTLE INTO THE BEARING.



STEP 6
ENSURE THE INSPECTION HATCH IS PUT SECURELY BACK IN PLACE.

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. Inclusive Whirl 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 Whirl Seat Weld Assembly.
4. Remove Floor Quadrants.
5. Check bearing for excessive wear and replace if required.
6. Apply a good quality waterproof grease to bearing at all grease points.
7. Refit Floor Quadrants and replace any bolts if damaged.
8. Refit Whirl Seat Weld Assembly.
9. Check for smooth operation.

Parts List				
DESCRIPTION	6262	6263	6264	PART NUMBER
WHIRL SEAT WELD ASSEMBLY	1	1	1	221715
HDPE SEAT	1	1	1	221471
HDPE BACKREST	1	0	0	221465
HDPE NATURAL BACKREST	0	1	0	221588
HDPE PLAIN BACKREST	0	0	1	221590
WHEELSPIN BASE FRAME	1	1	1	221548
UPPER MAIN FRAME	1	1	1	**
LOWER MAIN FRAME	1	1	1	**
SKIRT COVER	3	3	3	**
SLEW RING BEARING	1	1	1	**
FLOOR QUADRANT	3	3	3	**
FLOOR QUADRANT ACCESS PLATE	1	1	1	**
FLOOR QUADRANT ACCESS CAP	1	1	1	**
REMOTE GREASING NIPPLE	1	1	1	**
5/16" DRILL BIT	1	1	1	**
M10 x 30mm CSK	40	40	40	**
M12 x 30mm	4	4	4	**
SELF DRILLING SCREW	16	16	16	**
EYE HOOK	4	4	4	**
HARDWARE COMPLETE	1	1	1	221483
5/16" x 3/4" P.B.H.C.S. w/PATCH	6	6	6	812040*
5/16" FLAT WASHER (5/8" O.D.)	6	6	6	817406*
5/16" LOCK WASHER	6	6	6	817330*
NUT 5/16"- INSERT TYPE 1	6	6	6	HWN0149*
3/8" x 1" P.B.H.C.S. w/PATCH	9	9	9	812050*
3/8" FLAT WASHER	21	21	21	817410*
3/8" LOCK WASHER	9	9	9	817334*
3/8" BARREL NUT	9	9	9	804804*

Unless Otherwise Specified, All Units of Measure are Each
** Included in Hardware*
*** Included in Base Frame 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: 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.

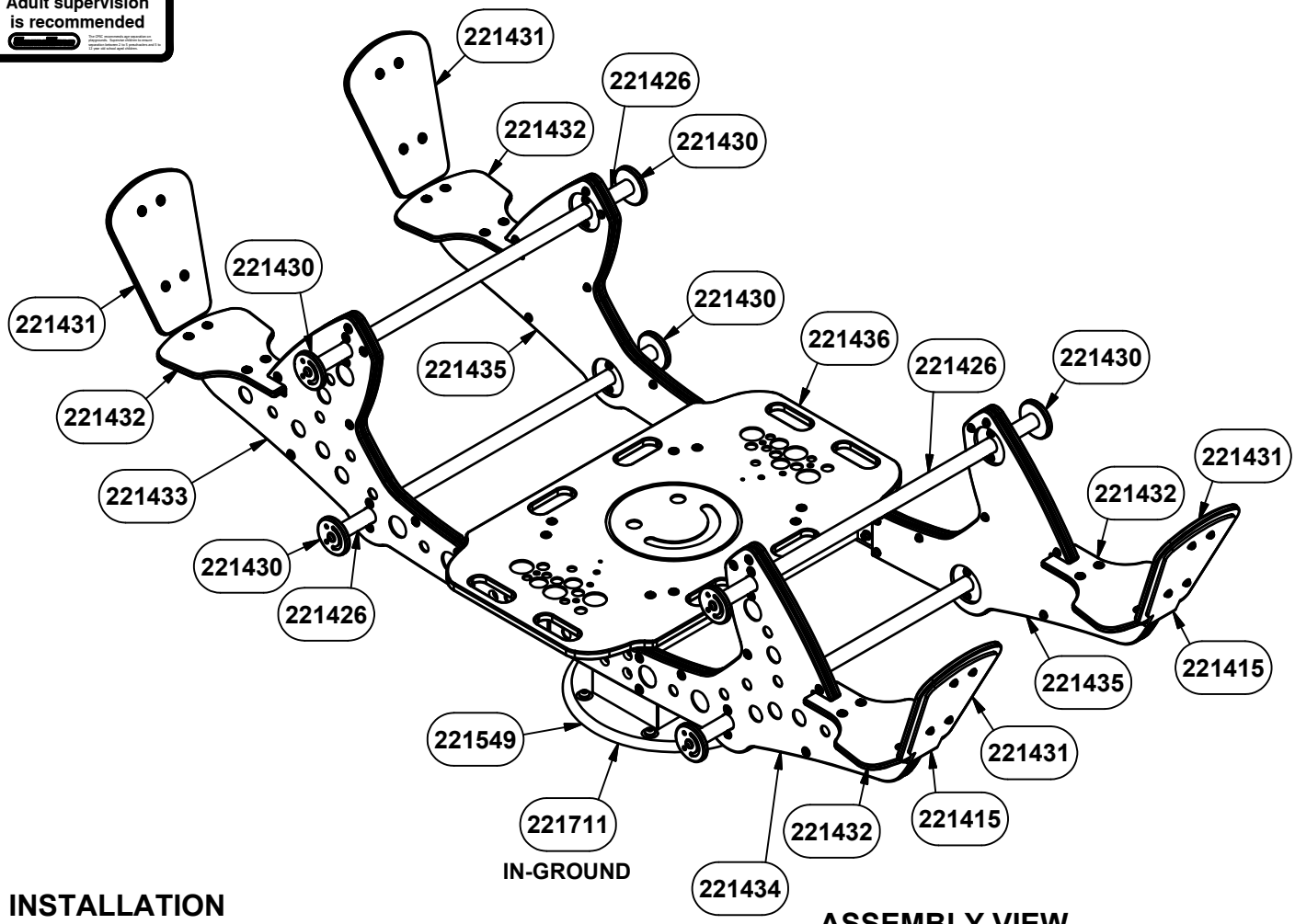
GameTime
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1-800-235-2440

6299

INCLUSIVE SEE SAW

ISSUED/REVISED: 5/31/2024

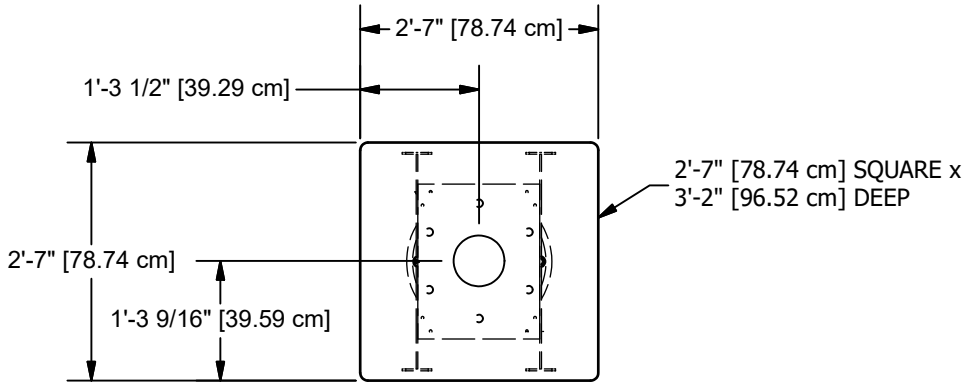




ASSEMBLY VIEW

INSTALLATION INSTRUCTIONS

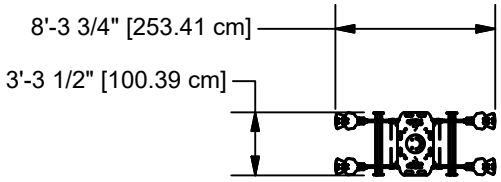
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE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



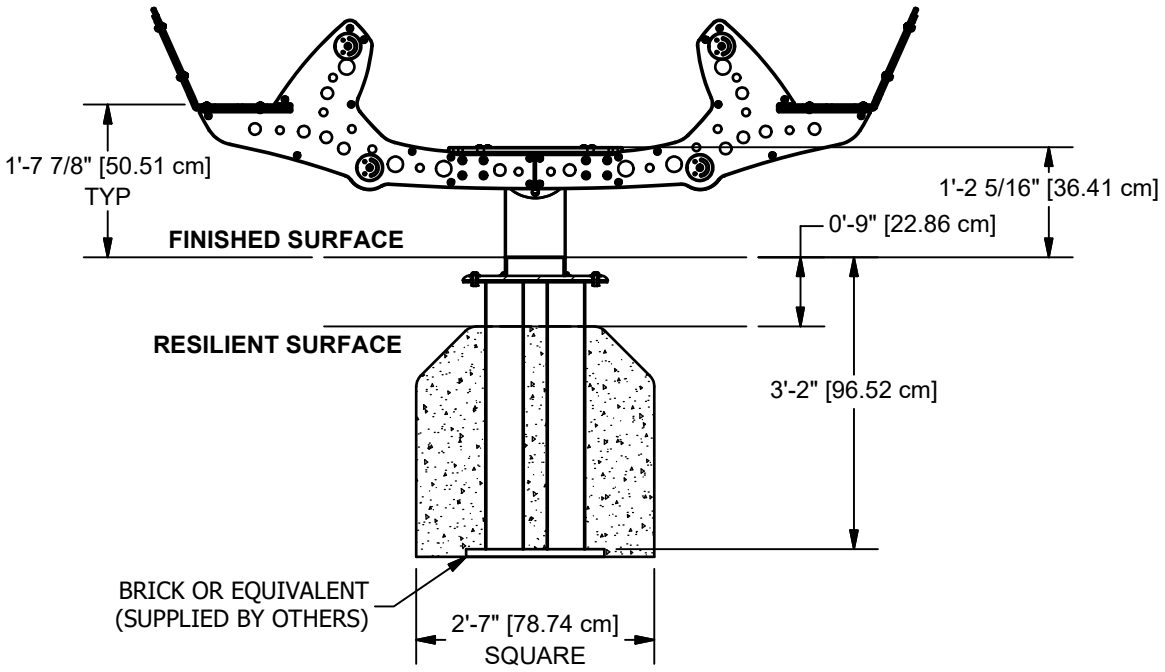
PLAN VIEW

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.

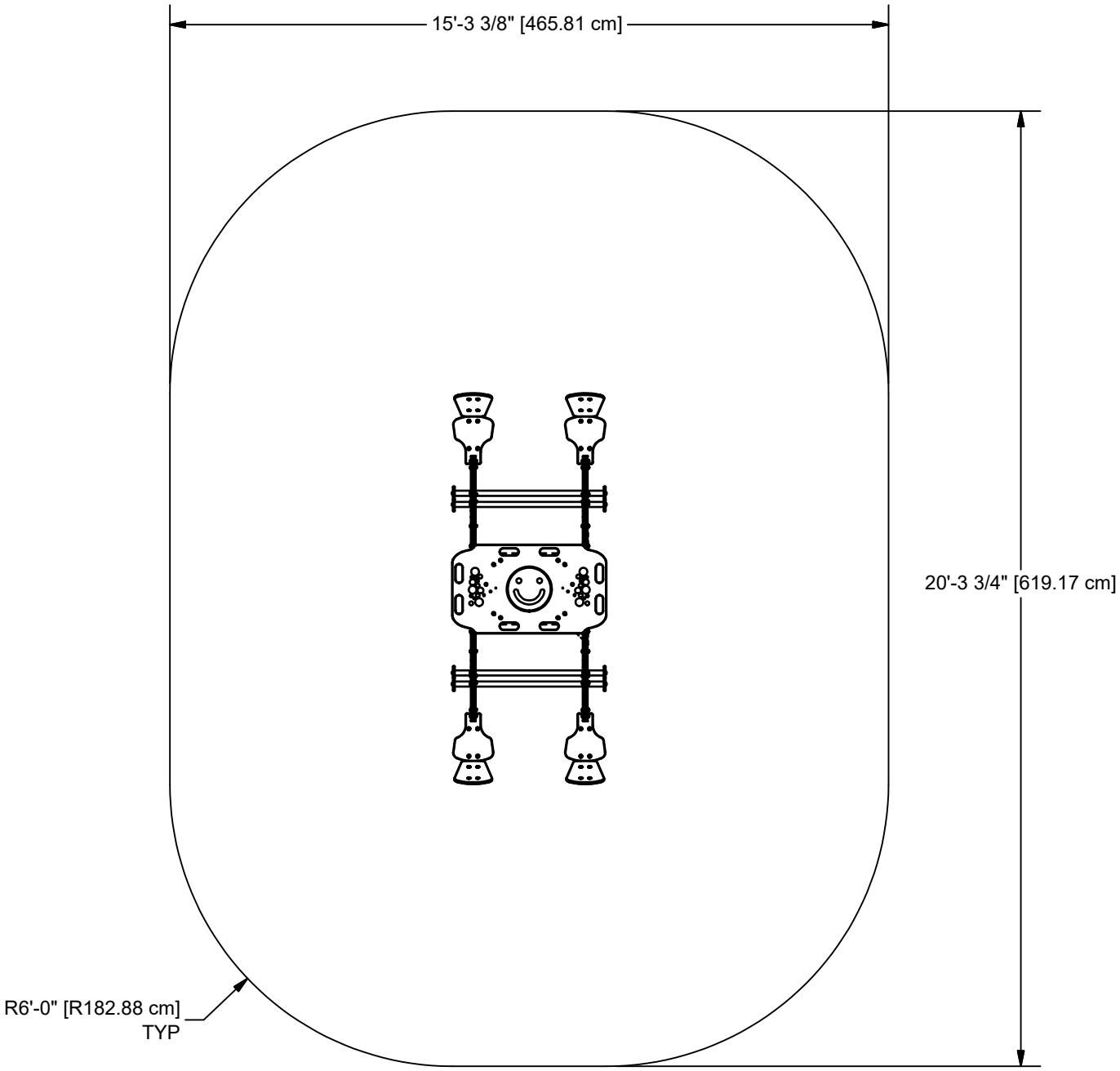
CONCRETE REQUIRED:
0.60 CUBIC YARDS
[0.46 CUBIC METERS]



TOP VIEW



ELEVATION VIEW



USE ZONE



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 protuding 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 fron 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 Inclusive See Saw Base Assembly to Inclusive See Saw Footbuck Weld Assembly. **APPLY LOCTITE GRADE 2700 (Supplied by others). REFER TO PAGE 7.**

STEP 2: Attach HDPE Body Outer Panels and HDPE Body Inner Panels to Seat Weld Assemblies. **REFER TO PAGE 8.**

STEP 3: Attach HDPE Body Outer Panels to Seat Weld Assemblies. **REFER TO PAGE 8.**

STEP 4: Attach Crossbar Weld Assemblies to one set of Seat Weld Assembly and HDPE Body Panels. **REFER TO PAGE 9.**

STEP 5: Attach Inclusive See Saw Base Assembly to one set of Seat Weld Assembly and HDPE Body Panels. **REFER TO PAGE 9.**

STEP 6: Attach Crossbar Weld Assemblies to the remaining Seat Weld Assembly and HDPE Body Panels. **REFER TO PAGE 10.**

STEP 7: Attach Inclusive See Saw Base Assembly to the remaining Seat Weld Assembly and HDPE Body Panels. **REFER TO PAGE 10.**

STEP 8: Attach HDPE Crossbar Cover to Crossbar Weld Assemblies. **REFER TO PAGE 11.**

STEP 9: Attach HDPE Middle Panel to Inclusive See Saw Base Assembly. **REFER TO PAGE 11.**

STEP 10: Attach HDPE Seat Panels and HDPE Seat Back Panels to Seat Weld Assemblies. **REFER TO PAGE 12.**

SPECIFICATIONS

INCLUSIVE SEE SAW BASE ASSEMBLY: Shall be fabricated from 11-13/16" x 7-7/8" x 1/4" wall rectangular tubing, 11 Gauge (.120") H.R. Steel, 3/8" Thick H.R. Steel, 3/16" Thick H.R. Steel, 1/4" Thick H.R. Steel, and Spring Assembly. 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.

INCLUSIVE SEE SAW FOOTBUCK WELD ASSEMBLY: Shall be fabricated from 5" O.D. x .120" (11 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.

SEAT WELD ASSEMBLY: Shall be fabricated from 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.

CROSSBAR WELD ASSEMBLY: Shall be fabricated from 1-5/16" O.D. x .083" (14 Gauge) wall galvanized steel tubing, 1/4" Thick H.R. Steel, and threaded crimped insert. Weld Assembly shall be an all weld assembly and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

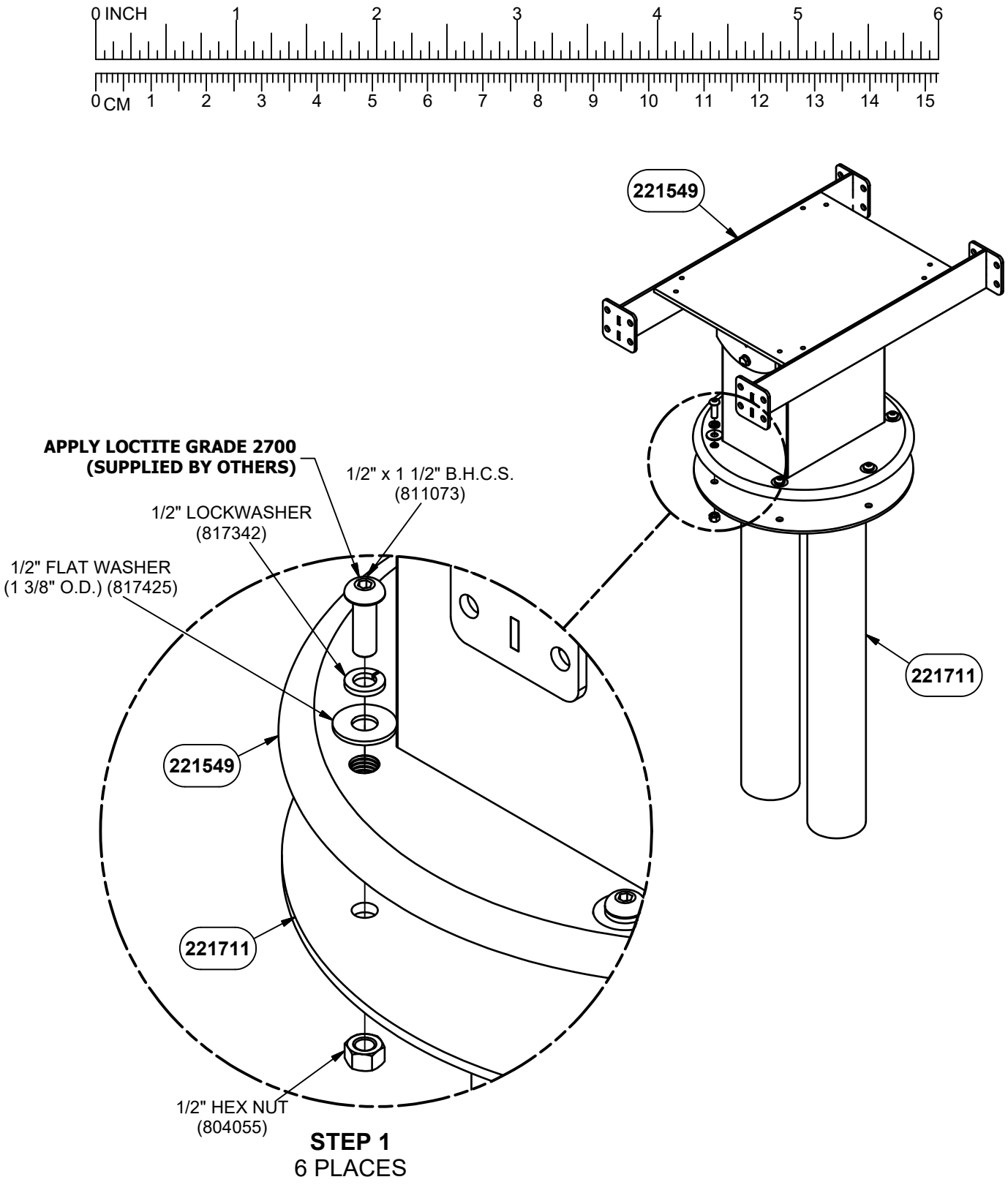
HDPE PANELS: Shall be fabricated from 1/2” thick (solid) high density, UV-stabilized and color impregnated polyethylene.

HDPE MIDDLE PANEL: Shall be fabricated from 3/4” 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 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.

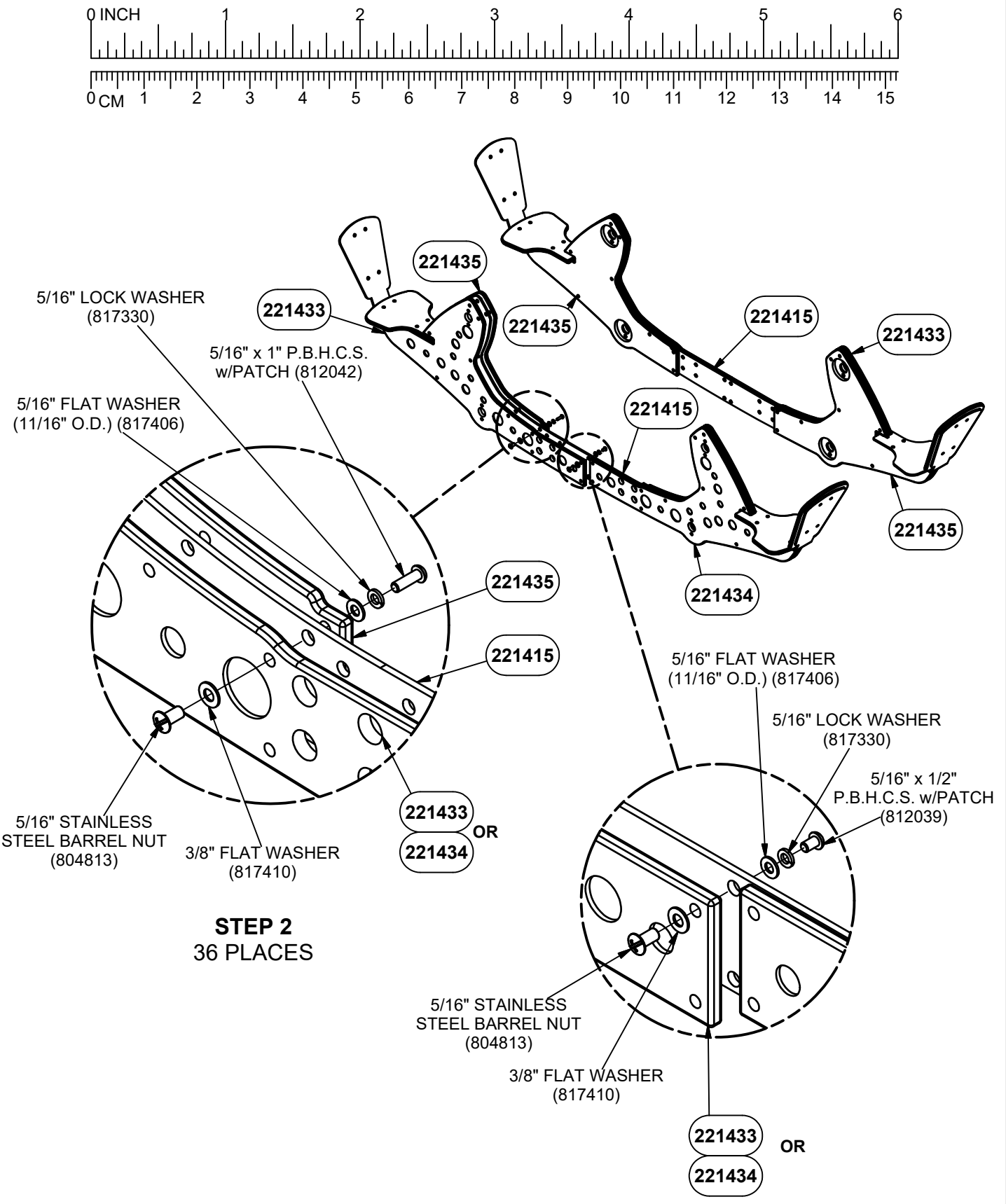
SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.



STEP 1
6 PLACES

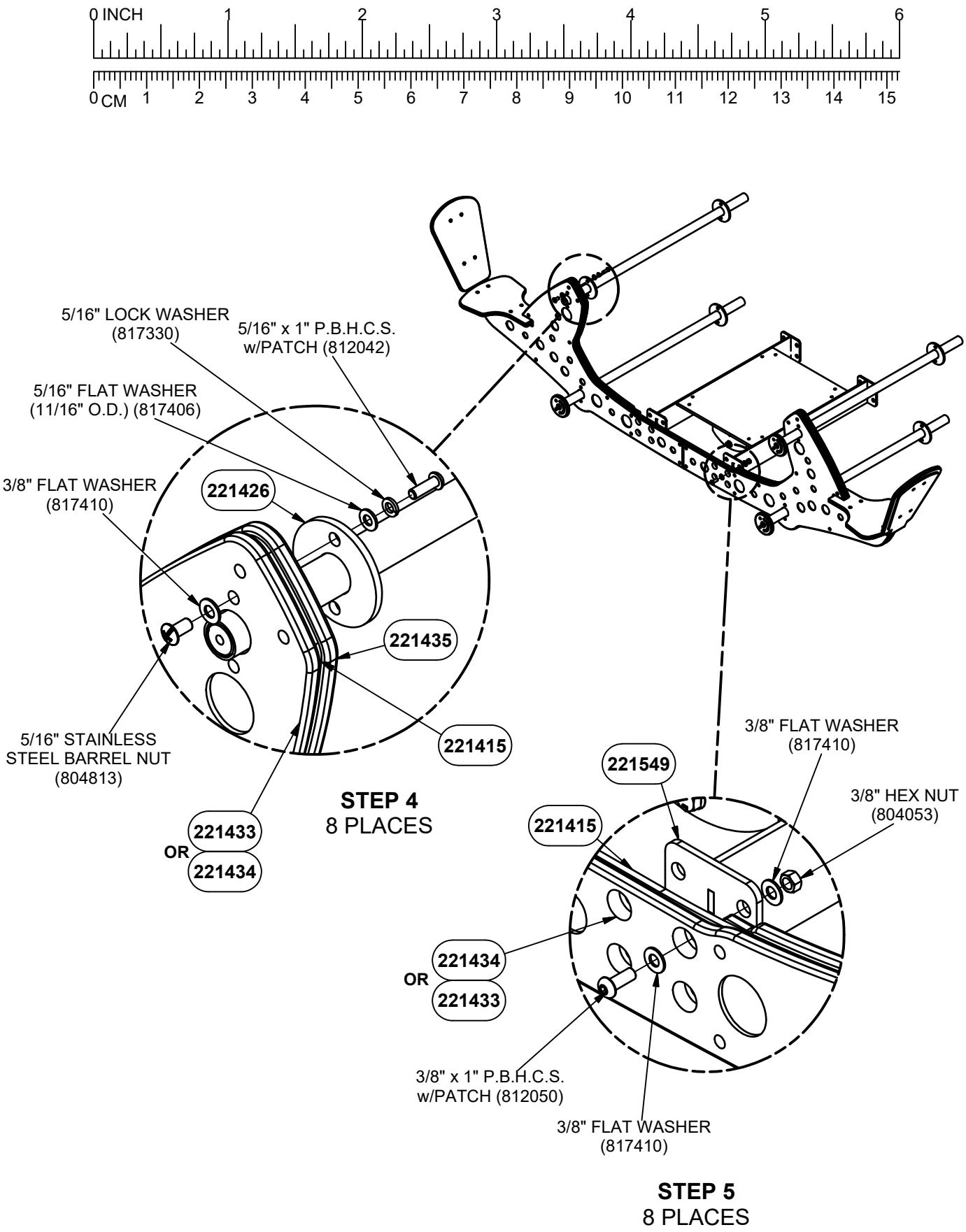
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



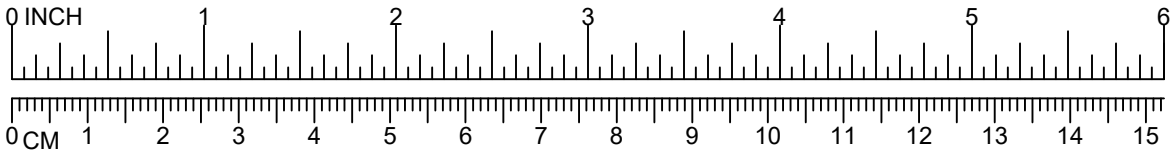
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

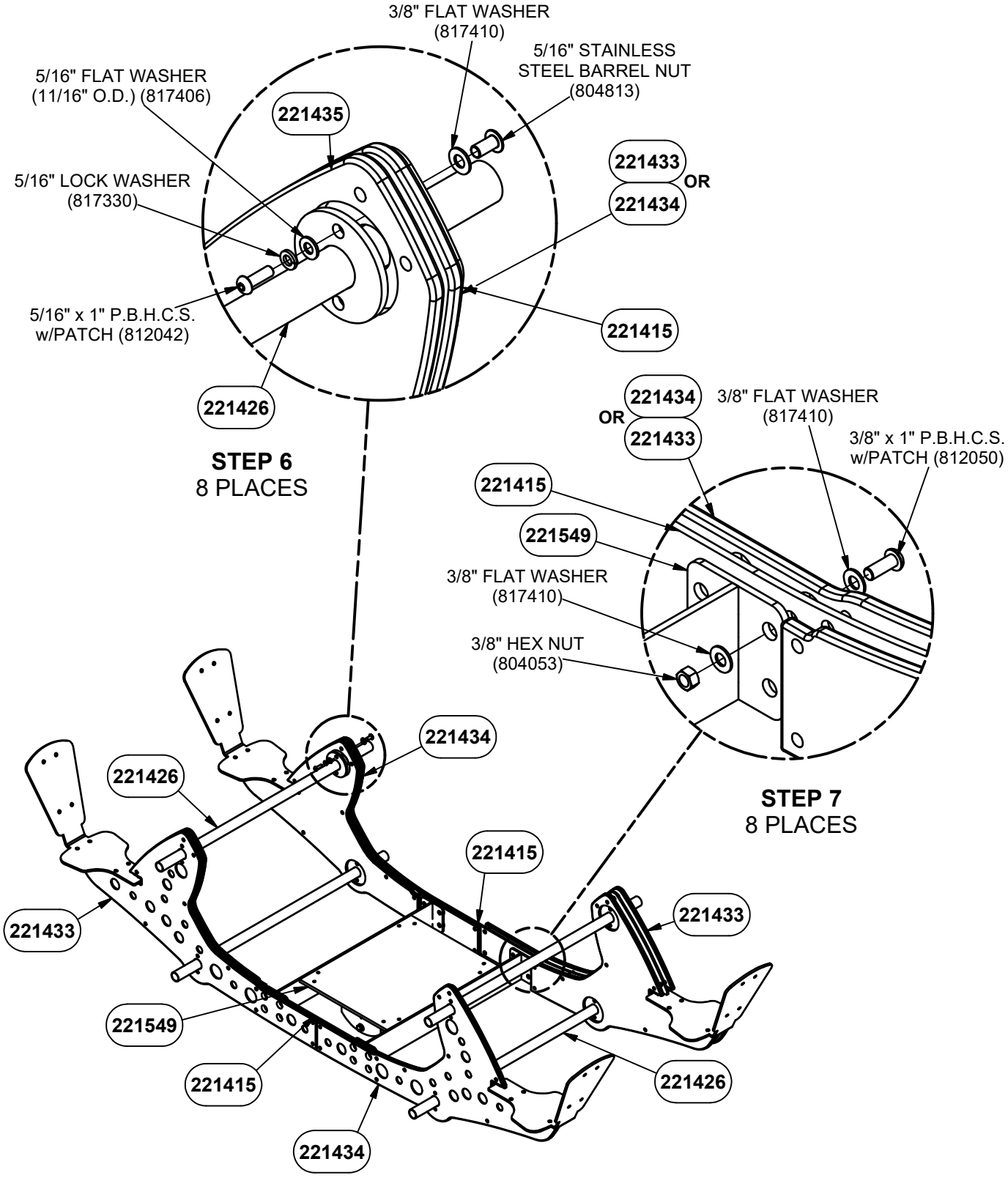
DETAIL VIEW



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

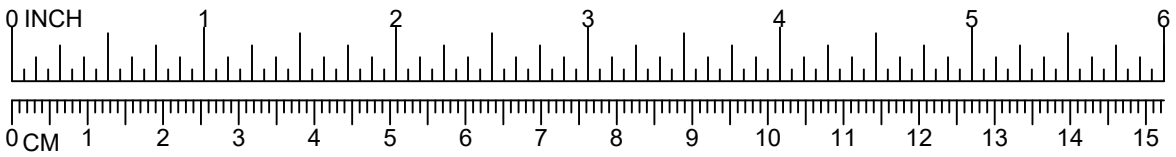
DETAIL VIEW

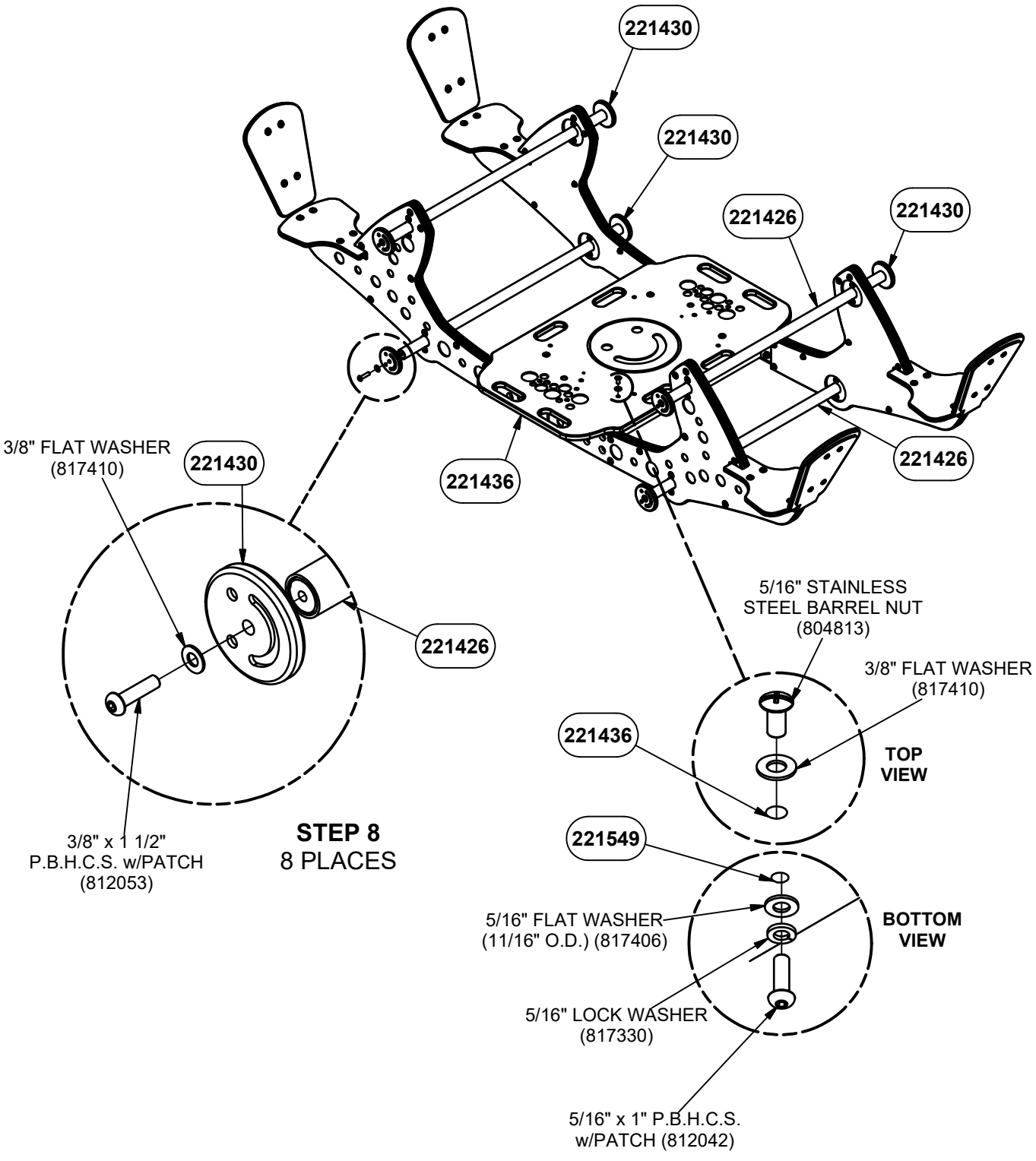




NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

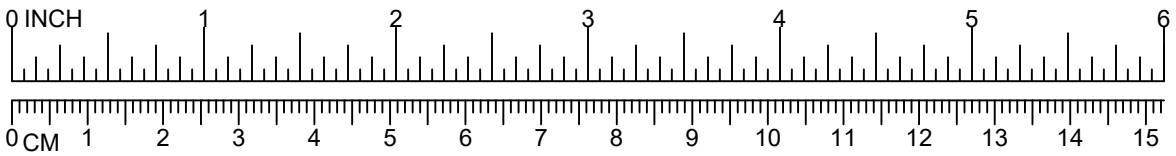


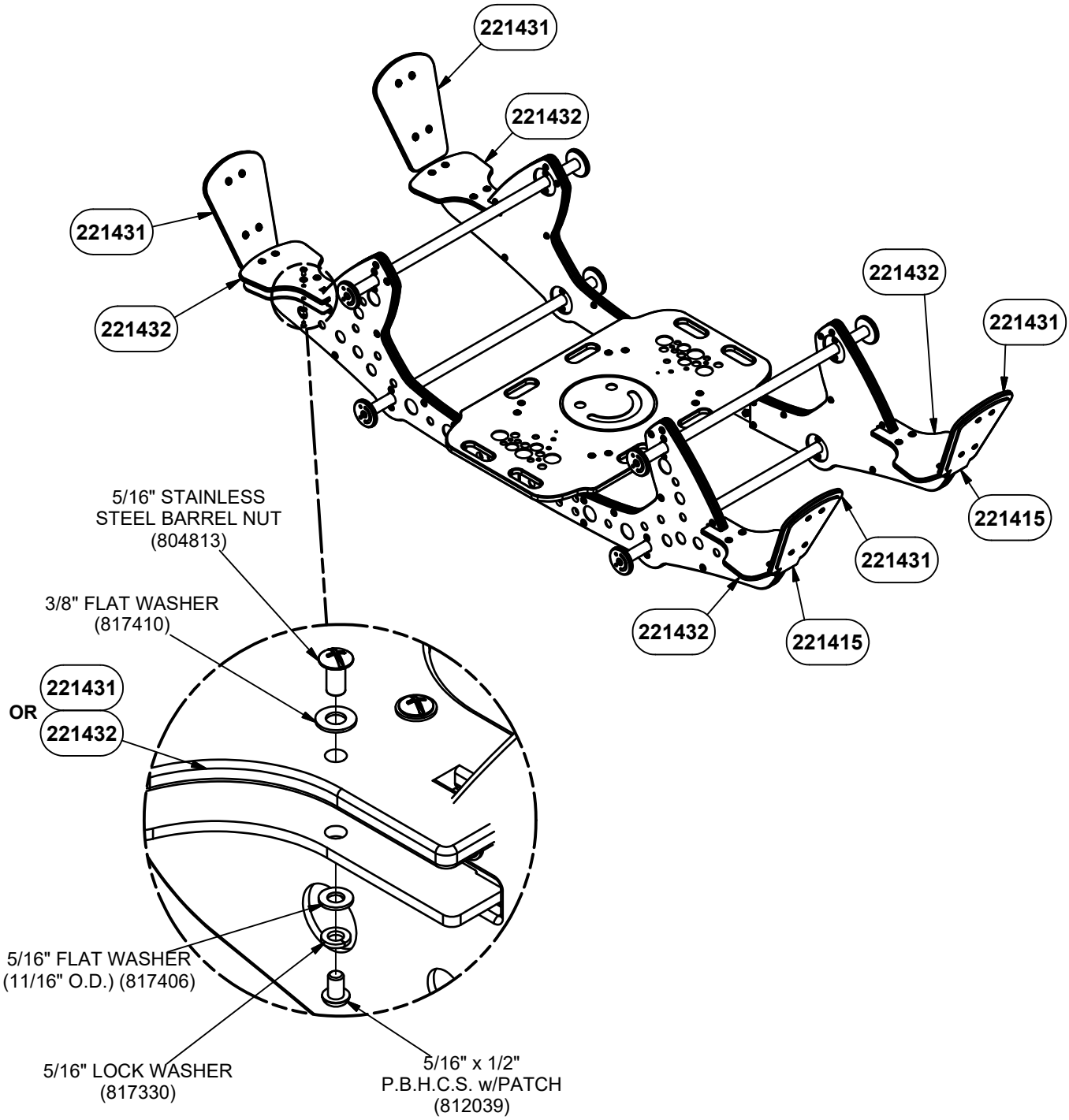


NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

STEP 9
8 PLACES

DETAIL VIEW





STEP 10
32 PLACES

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

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
INCLUSIVE SEE SAW BASE ASSEMBLY	1	221549
INCLUSIVE SEE SAW FOOTBUCK WELD ASSEMBLY	1	221711
SEAT WELD ASSEMBLY	2	221415
CROSSBAR WELD ASSEMBLY	4	221426
HDPE CROSSBAR COVER	8	221430
HDPE SEAT BACK PANEL	4	221431
HDPE SEAT PANEL	4	221432
HDPE BODY OUTER PANEL 1	2	221433
HDPE BODY OUTER PANEL 2	2	221434
HDPE BODY INNER PANEL	4	221435
HDPE MIDDLE PANEL	1	221436
HARDWARE COMPLETE	1	224482
5/16" x 1/2" P.B.H.C.S. w/PATCH	40	812039*
5/16" x 1" P.B.H.C.S. w/PATCH	60	812042*
5/16" FLAT WASHER (11/16" O.D.)	100	817406*
5/16" LOCK WASHER	100	817330*
5/16" STAINLESS STEEL BARREL NUT	100	804813*
3/8" x 1" P.B.H.C.S. w/PATCH	16	812050*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	8	812053*
3/8" FLAT WASHER	140	817410*
3/8" HEX NUT	16	804053*
1/2" x 1 1/2" B.H.C.S.	6	811073*
1/2" FLAT WASHER (1 3/8" O.D.)	6	817425*
1/2" LOCKWASHER	6	817342*
1/2" HEX NUT	6	804055*

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

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

Note: 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.

PowerScape

GameTime

A PLAYCORE Company

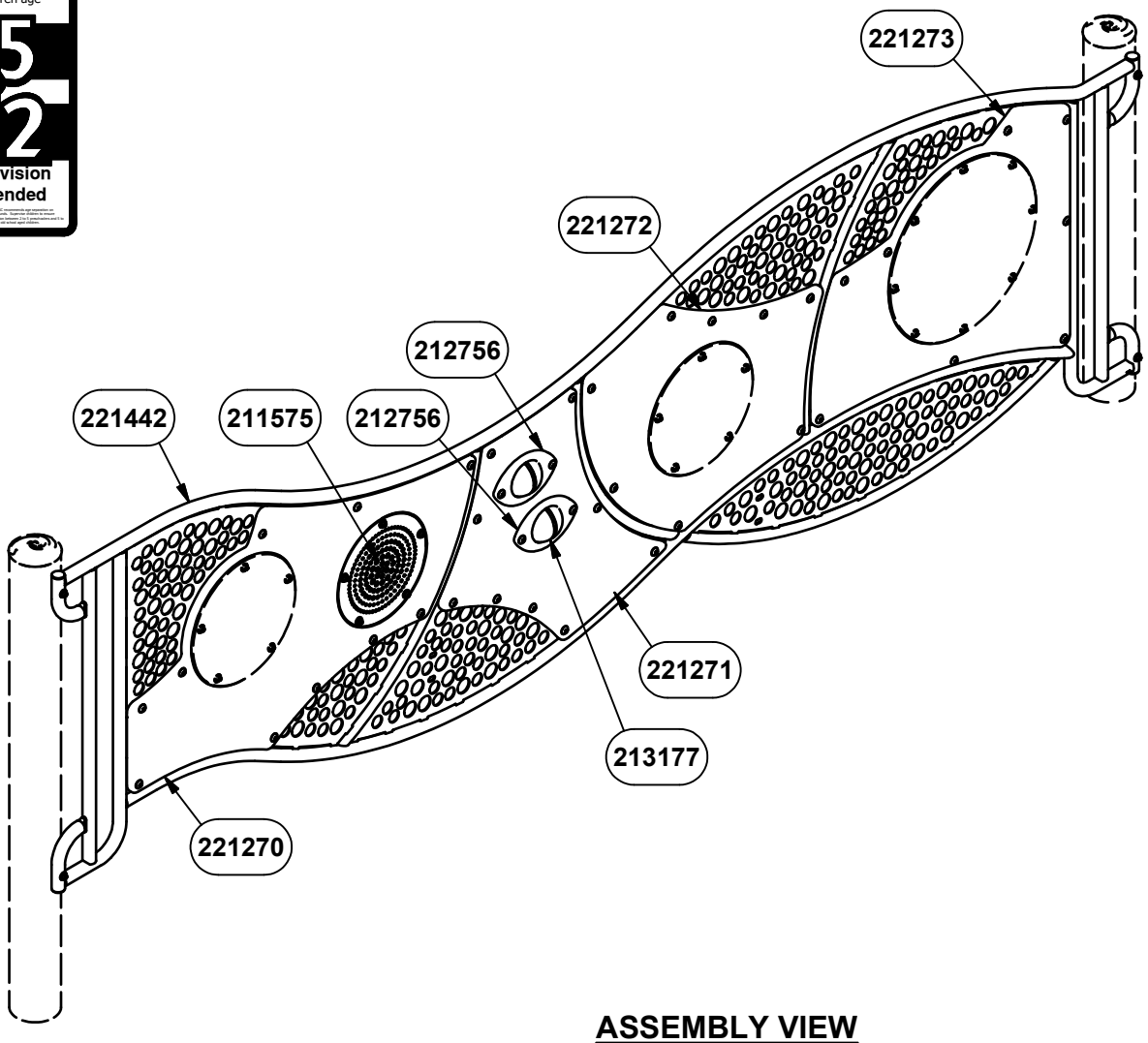
1-800-235-2440

ISSUED/REVISED: 5/16/2022

6301

SENSORY WAVE WALL



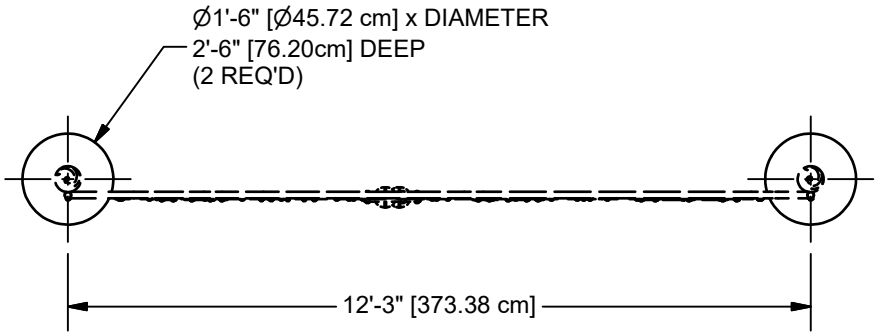


ASSEMBLY VIEW

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.

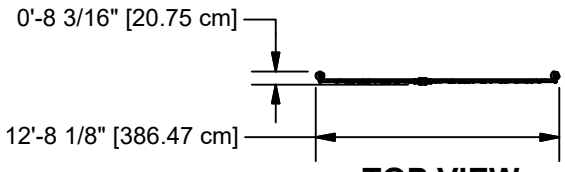
NOTE: ALL OPENINGS ON WALL MUST BE FILLED WITH A SENSOR BEFORE PLAYGROUND IS OPERATIONAL



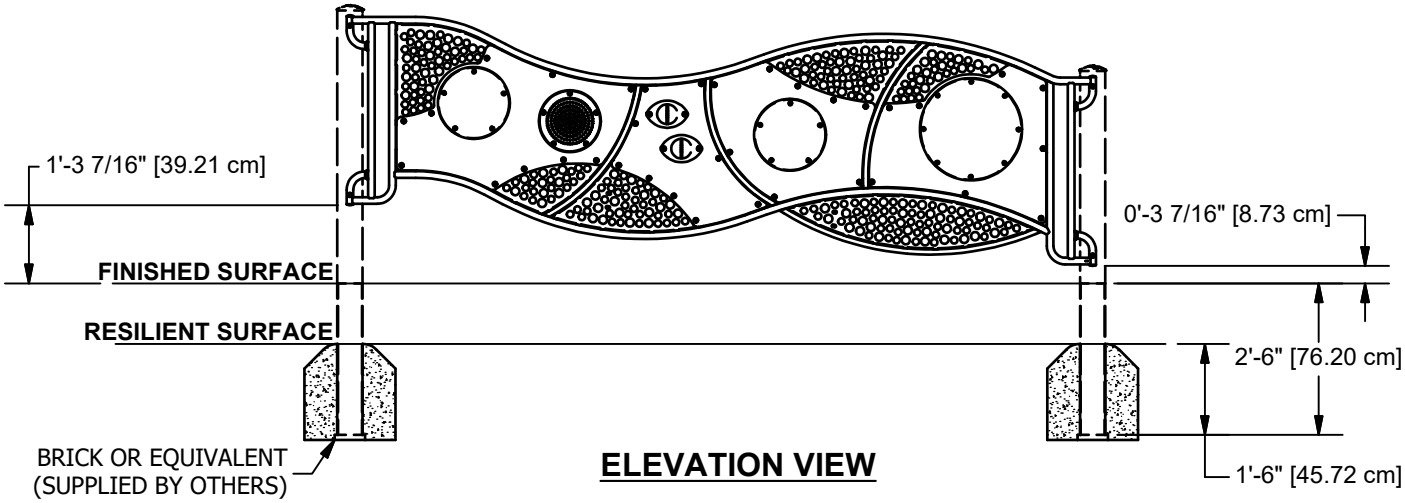
PLAN VIEW

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.

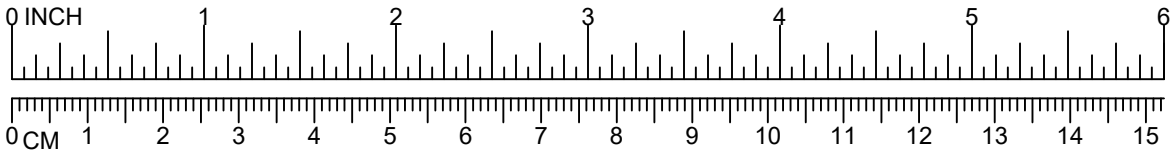
CONCRETE REQUIRED
.20 CUBIC YARDS
[.15 CUBIC METERS]

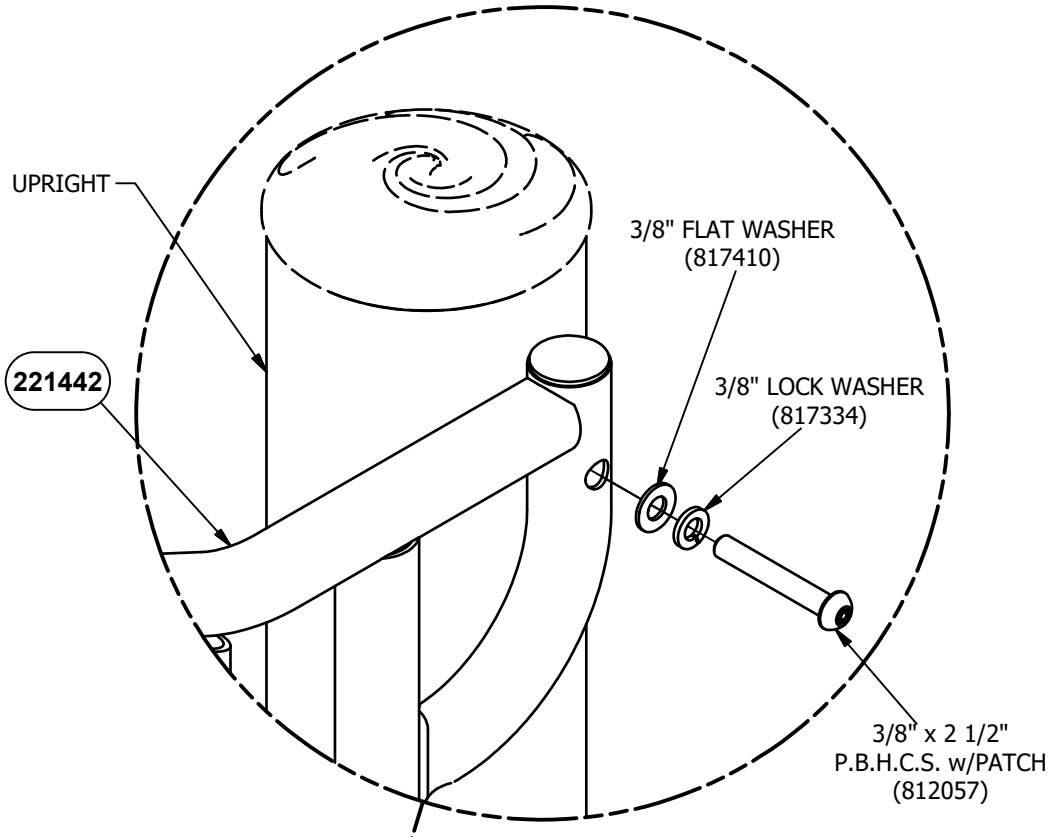


TOP VIEW

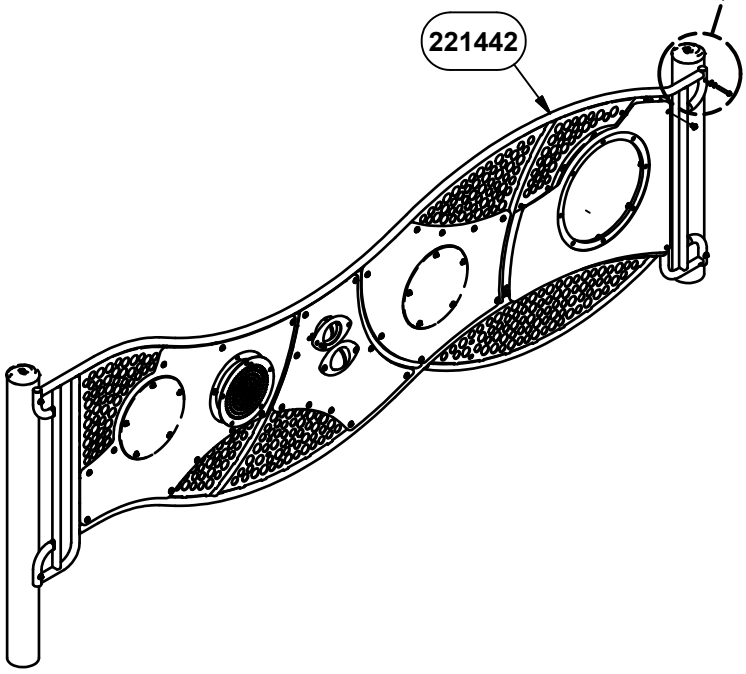


ELEVATION VIEW



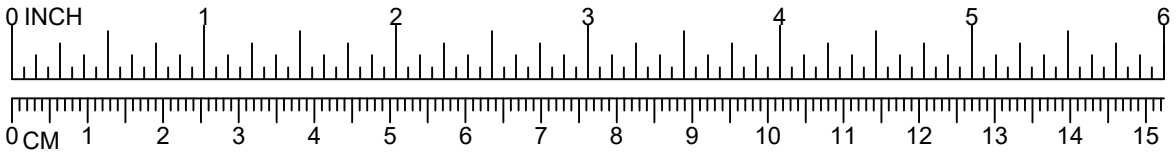


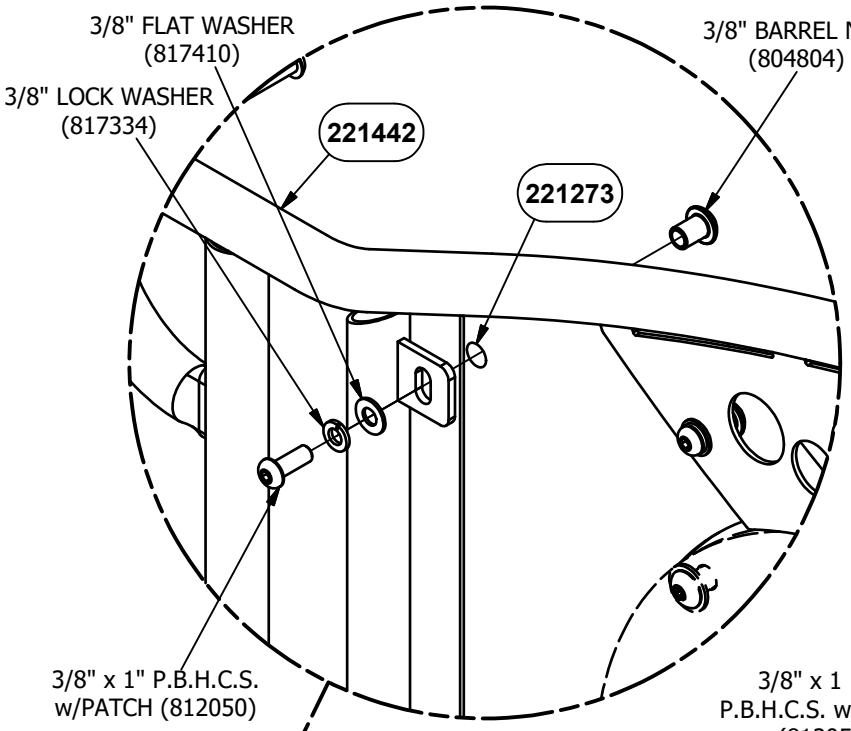
STEP 1
4 PLACES



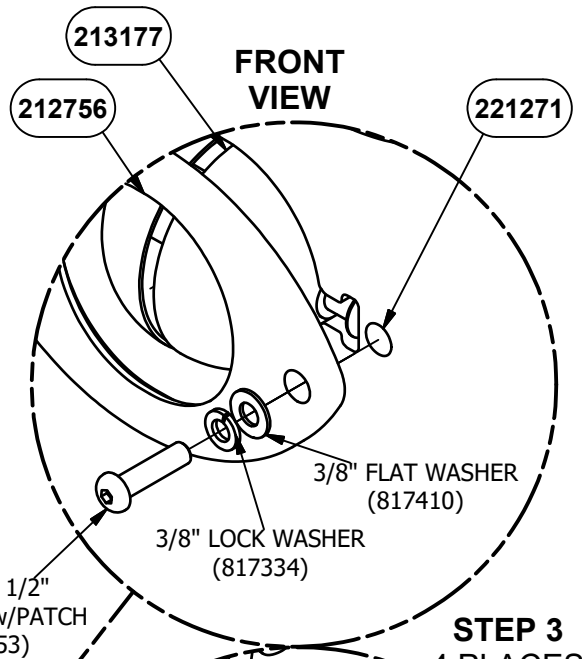
DETAIL VIEW

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



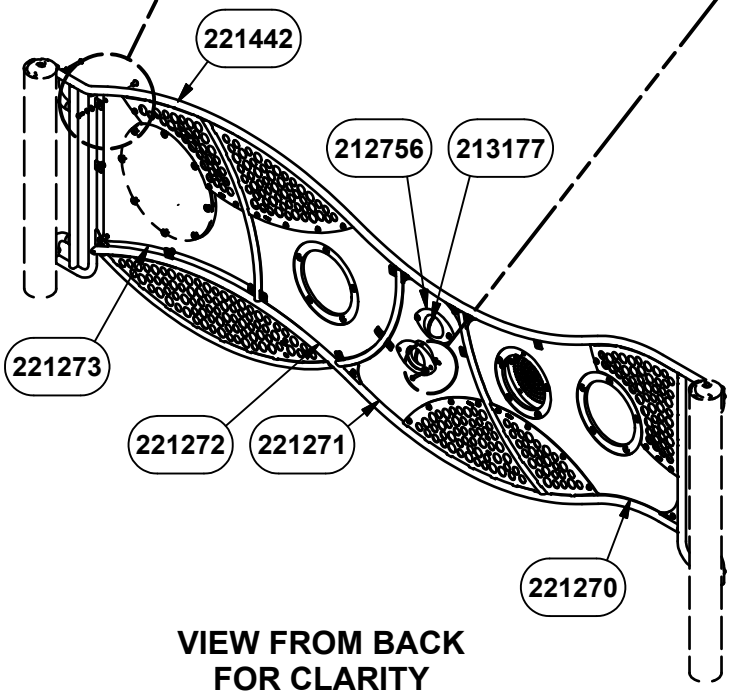


STEP 2
35 PLACES

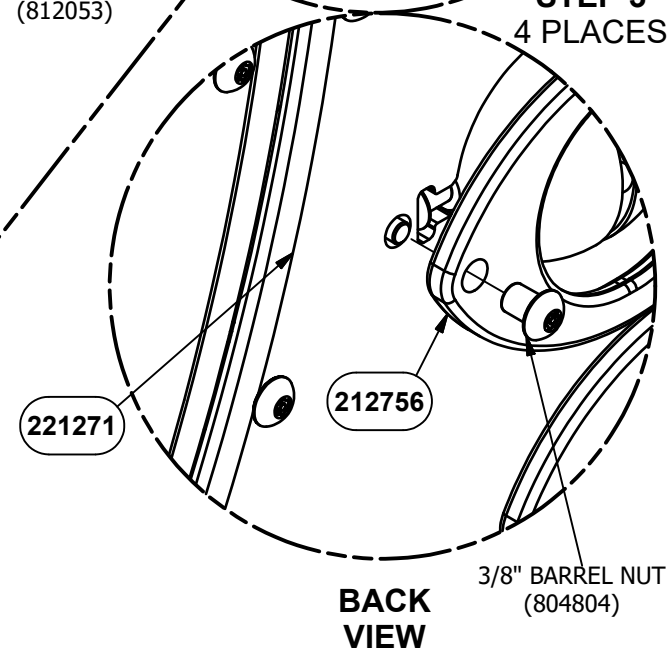


STEP 3
4 PLACES

NOTE: TO ALLOW FOR FREE SPINNING MOTION OF SPIN CHIME, DO NOT OVER TIGHTEN BOLTS DURING ASSEMBLY



VIEW FROM BACK FOR CLARITY



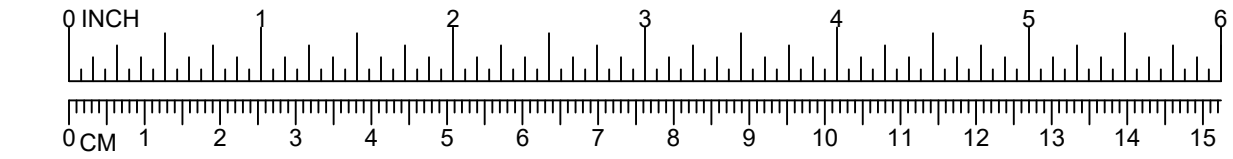
BACK VIEW

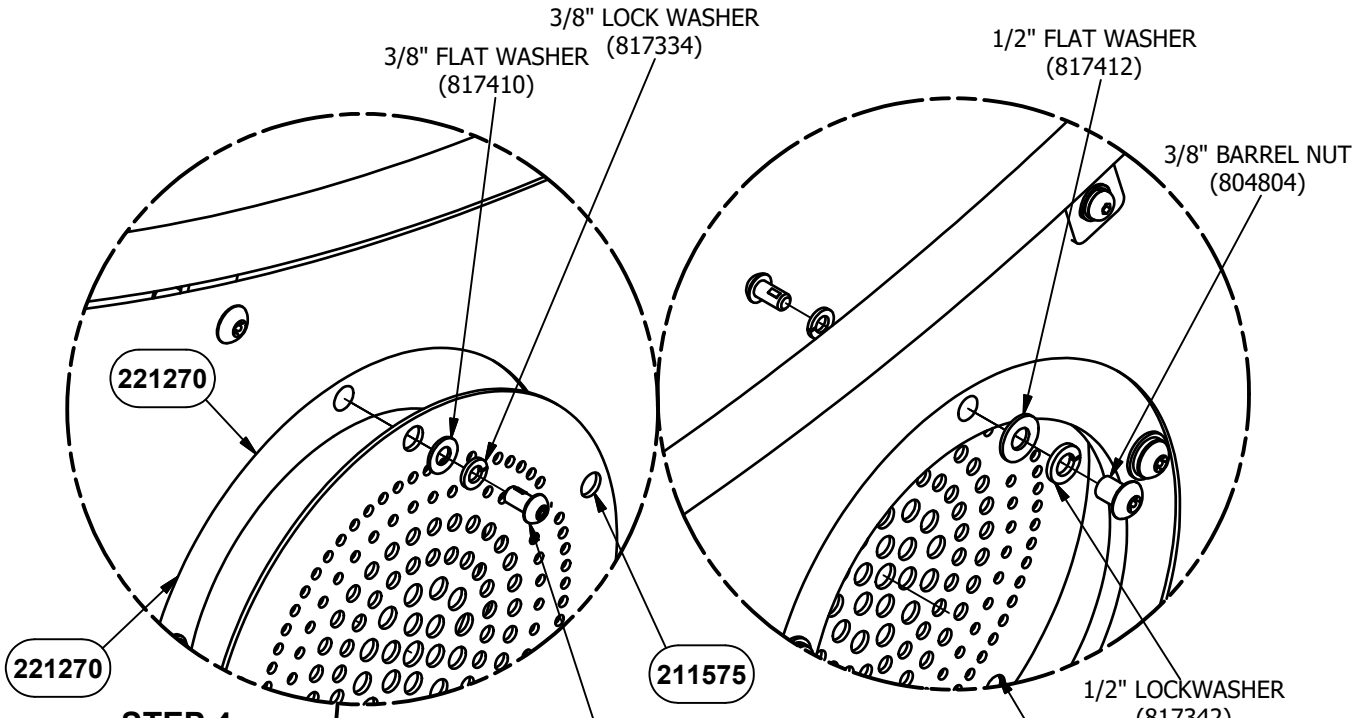
NOTE 1: HDPE PANEL PIECES MUST ALWAYS BE PLACED TO THE OUTSIDE FACE OF THE COMPONENT.

NOTE 2: USING 221269 AS A TEMPLATE FIELD DRILL Ø9/16" HOLES IN HDPE PANELS.

DETAIL VIEW

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

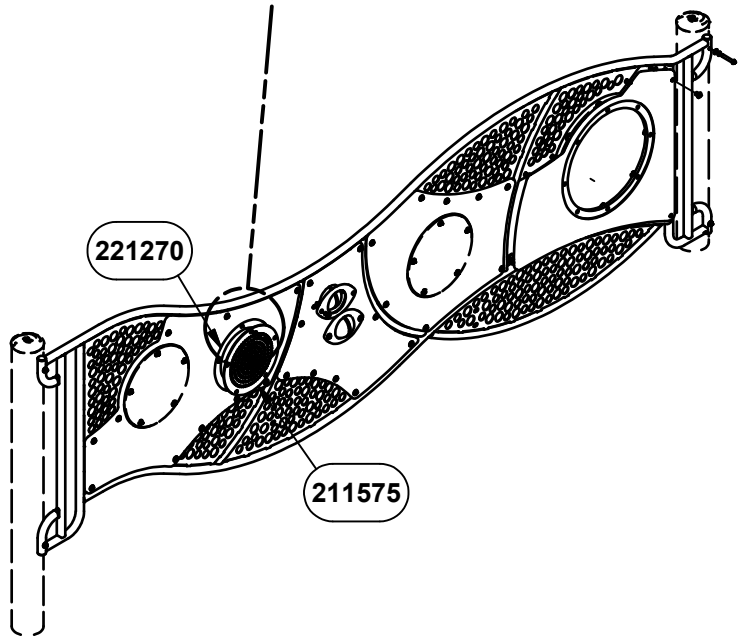




STEP 4
5 PLACES

FRONT VIEW

BACK VIEW



DETAIL VIEW

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

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 protuding 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 fron and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

SPECIFICATIONS

METAL FILLER: Shall be fabricated from .120" (11 Gauge) Thick H.R. Steel. Fabricated Parts shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

WALL WELD ASSEMBLY: Shall be fabricated from 1-5/16" O.D. x .109" (12 Gauge) wall galvanized steel tubing and 1-1/16" O.D. x .072" (15 Gauge) wall galvanized steel tubing and .120" (11 Gauge) Thick H.R. Steel and 3/16" 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.

HDPE PANELS: Shall be made from 3/4” 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 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.

Parts List		
DESCRIPTION	QTY	PART NUMBER
WALL WELD ASSEMBLY	1	221442
METAL FILLER	1	211575
SPIN CHIME COVER	4	212756
SPIN CHIME BELL ASSEMBLY	2	213177
HDPE PANEL	1	221273
HDPE PANEL 2	1	221272
HDPE PANEL 3	1	221271
HDPE PANEL 4	1	221270
HARDWARE COMPLETE	1	221443
3/8" x 3/4" P.B.H.C.S. w/PATCH	5	812052*
3/8" x 1" P.B.H.C.S. w/PATCH	35	812050*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	4	812053*
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	4	812057*
3/8" FLAT WASHER	48	817410*
3/8" BARREL NUT	44	804804*
3/8" LOCK WASHER	48	817334*
1/2" FLAT WASHER	5	817412*
1/2" LOCKWASHER	5	817342*

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

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

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

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

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

6372

GameTime
A PLAYCORE Company
1-800-235-2440

ISSUED/REVISED: 1/9/2023

SPIN WITH ME (WITH HANDLE)

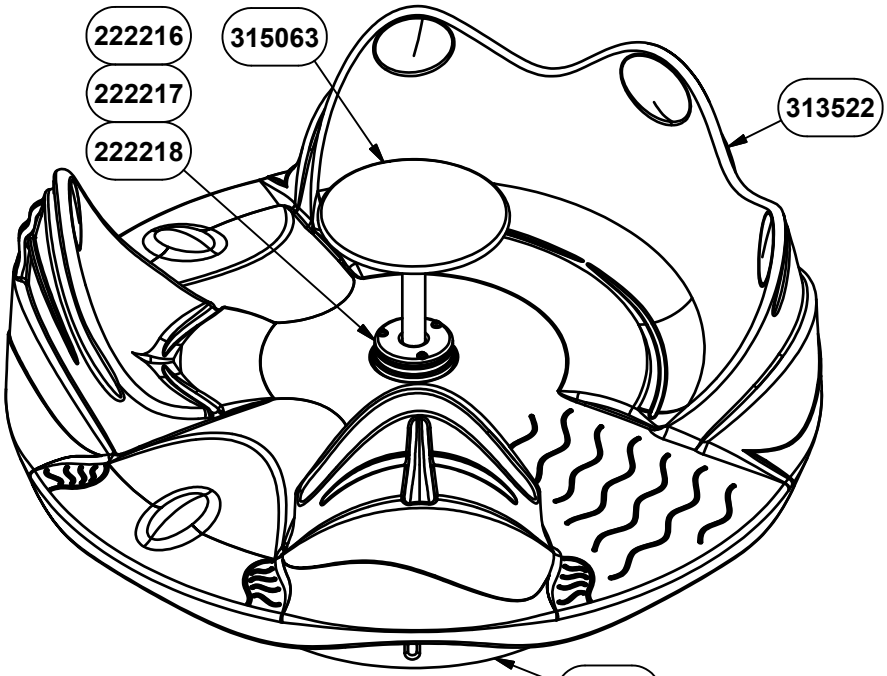


COMPLIES WITH ASTM GUIDELINES

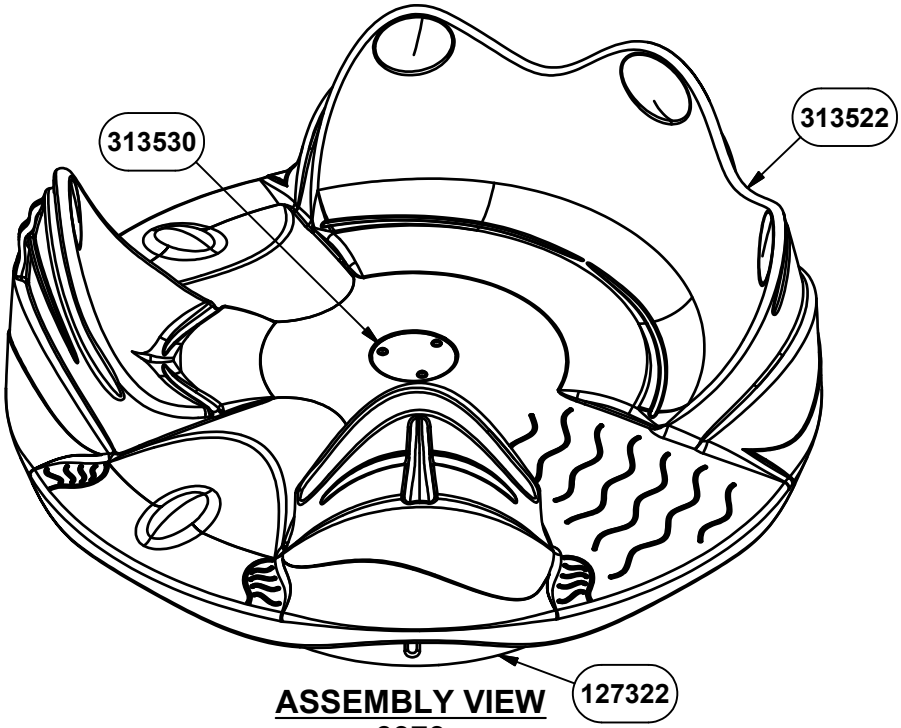


COMPLIES WITH CPSC AND CSA GUIDELINES

SPIN WITH ME 6373



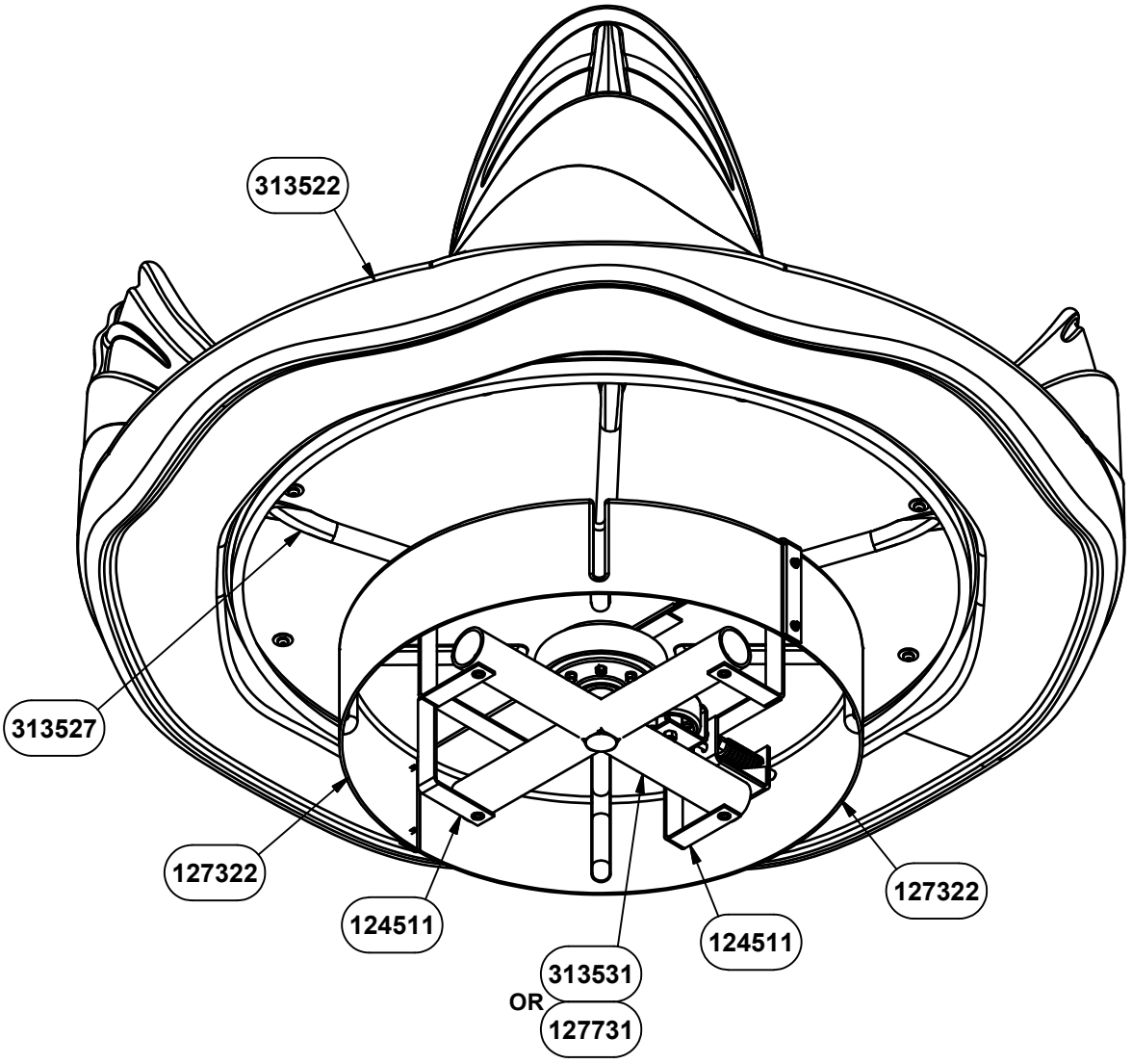
ASSEMBLY VIEW
6372



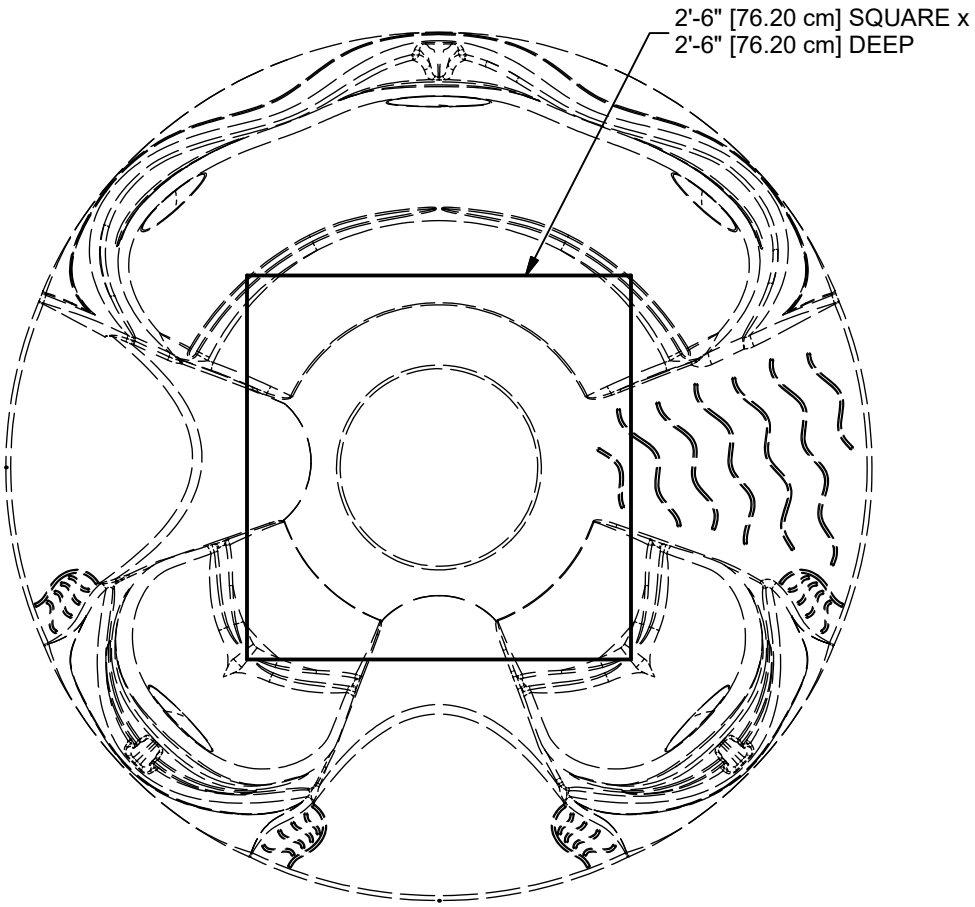
ASSEMBLY VIEW
6373

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.



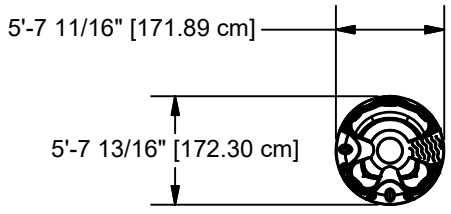
ASSEMBLY VIEW



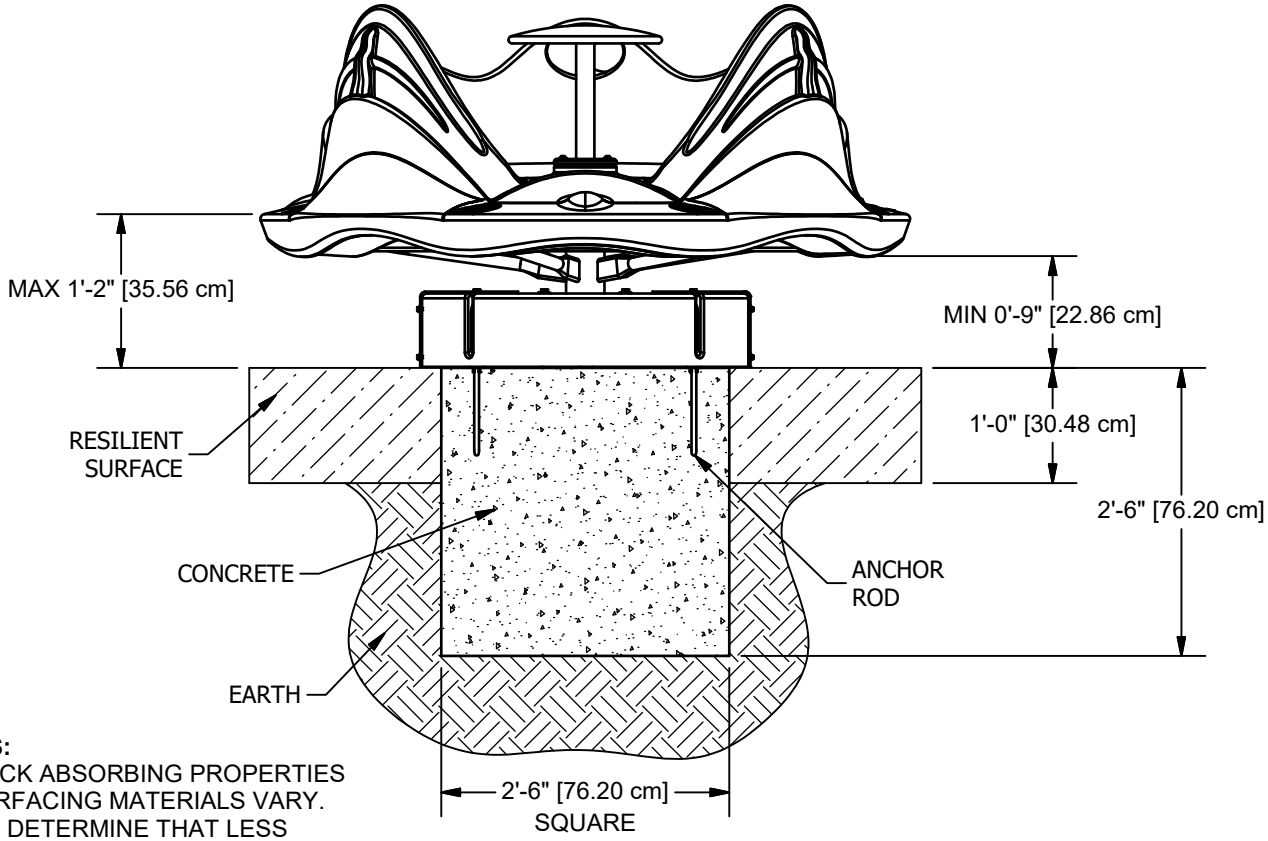
PLAN VIEW
6372 SHOWN
6373 SIMILAR

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:
0.58 CUBIC YARDS
[0.44 CUBIC METERS]

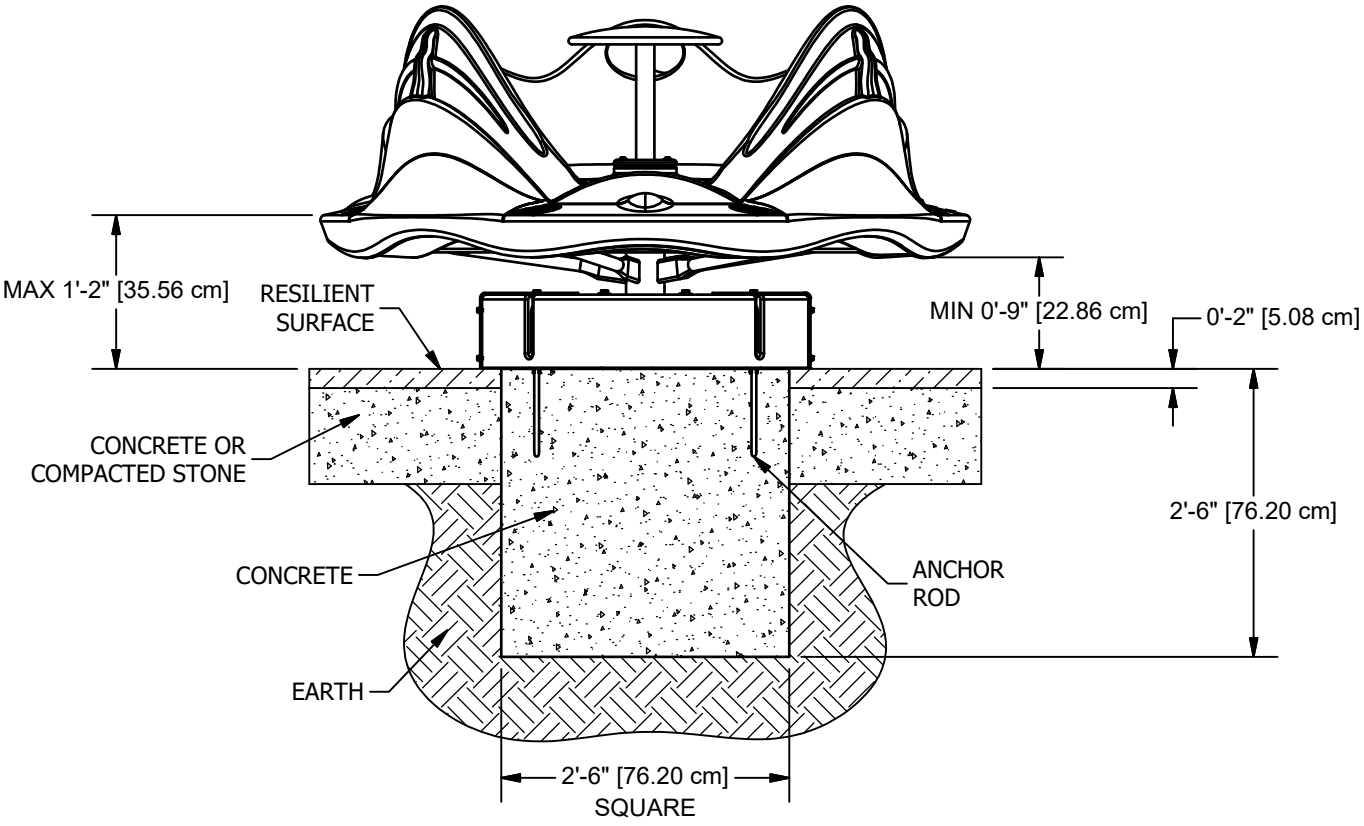


TOP VIEW
6372 SHOWN
6373 SIMILAR



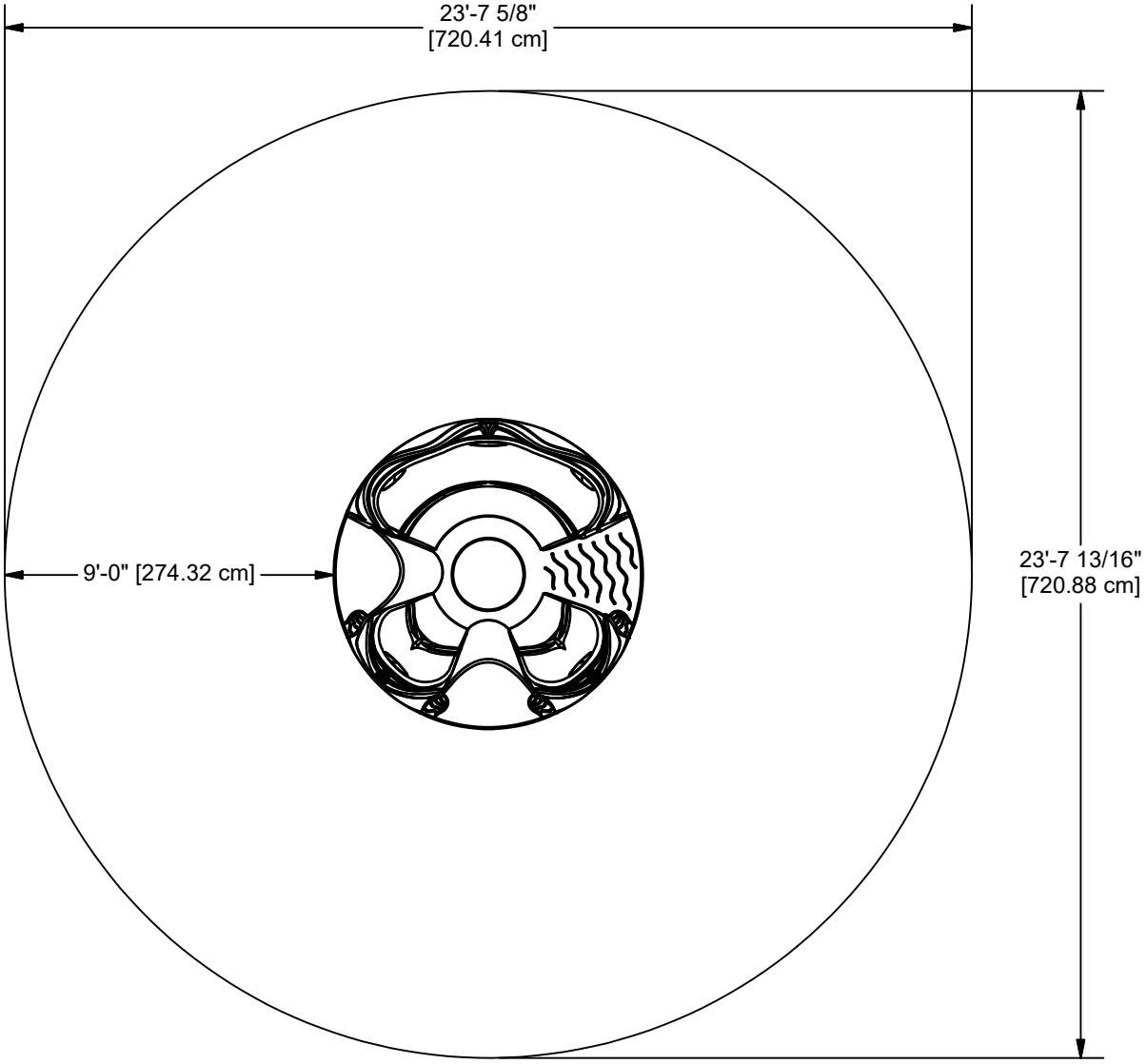
NOTES:
1. SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48 cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYIING SURFACING.
2. MINIMUM CONCRETE RATING: 3000 PSI.

ELEVATION VIEW
6372 SHOWN
6373 SIMILAR



ELEVATION VIEW
SURFACE MOUNT

NOTES:
1. THIS WHIRL SHALL BE INSTALLED IN A LOW-TRAFFIC AREA.
2. 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 F-1292 AND F-1487 (U.S.) OR CAN/CSA Z-614 (CANADA).



USE ZONE
6372 SHOWN
6373 SIMILAR

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 protuding 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 fron 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. 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.

STEP 1: Attach 1/2" Hex Nut on 1/2" Anchor Rod leaving 1-1/4" (3.18 cm) of thread exposed prior to installing Shield Mounting Brackets and Base Assembly w/Brake. **REFER TO PAGE 8.**

STEP 2: Attach Shield Mounting Brackets and Base Assembly w/Brake to Anchor Rods. **REFER TO PAGE 8.**

STEP 3: Place Shield Mounting Brackets and Base Assembly w/Brake onto concrete and force 1/2" Anchor Bolts into concrete until Shield Mounting Brackets are flush with the top of concrete. Temporary bracing may be required until concrete cures. **REFER TO PAGE 9.**

NOTE: ALLOW CONCRETE TO CURE AT LEAST 48 HOURS BEFORE PROCEEDING.

STEP 4: Attach 48" Dia. Platform Assembly to Base Assembly w/Brake. **REFER TO PAGE 10.**

STEP 5: Attach Whirl Brake Covers to Shield Mounting Brackets. **REFER TO PAGE 11.**

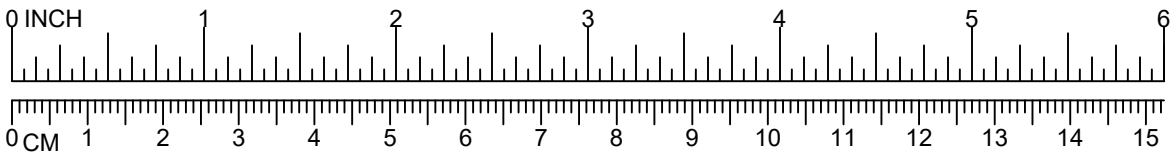
STEP 6: Attach Whirl Brake Covers together. **REFER TO PAGE 12.**

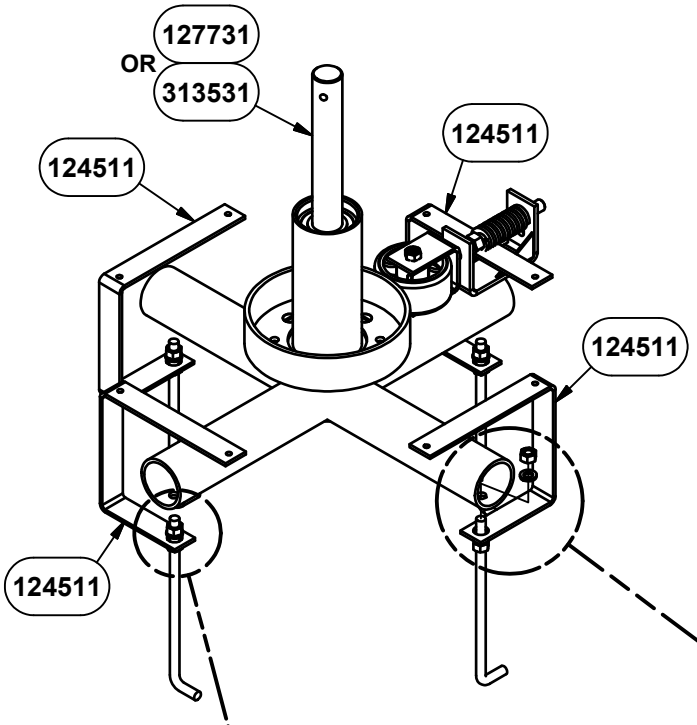
STEP 7: Attach Whirl to 48" Dia. Platform Assembly. **REFER TO PAGE 13.**

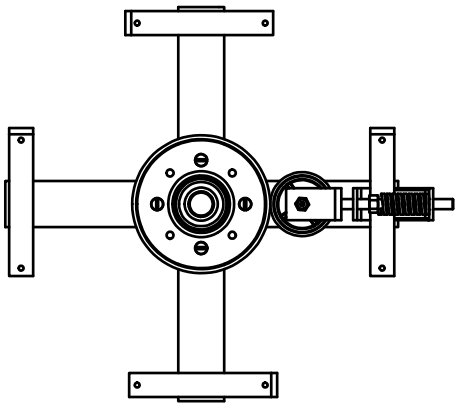
STEP 8 (6373 ONLY): Attach Cover Plate to Whirl. **REFER TO PAGE 14.**

STEP 8 (6372 ONLY): Attach Whirl Handle to Base Assembly w/Brake. **NOTE:** The Three HDPE Center Covers must be in position before installing Whirl Handle. **REFER TO PAGE 15.**

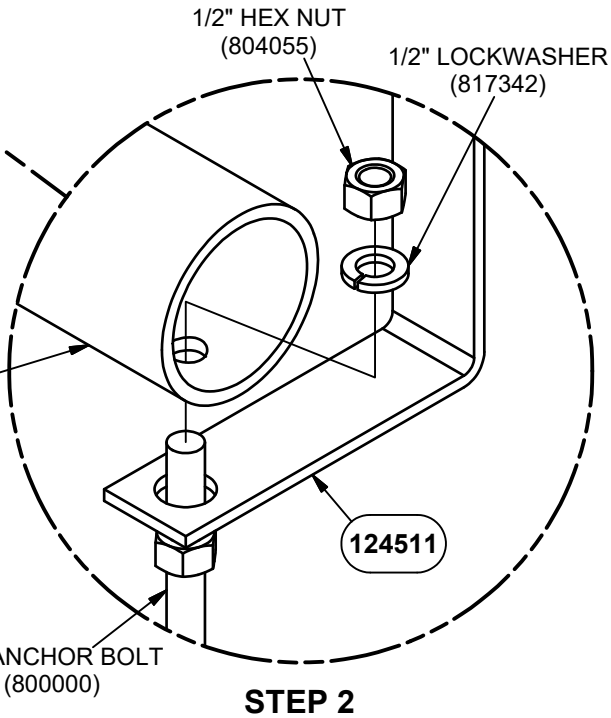
STEP 9 (6372 ONLY): Attach HDPE Center Covers to Whirl. **REFER TO PAGE 16.**



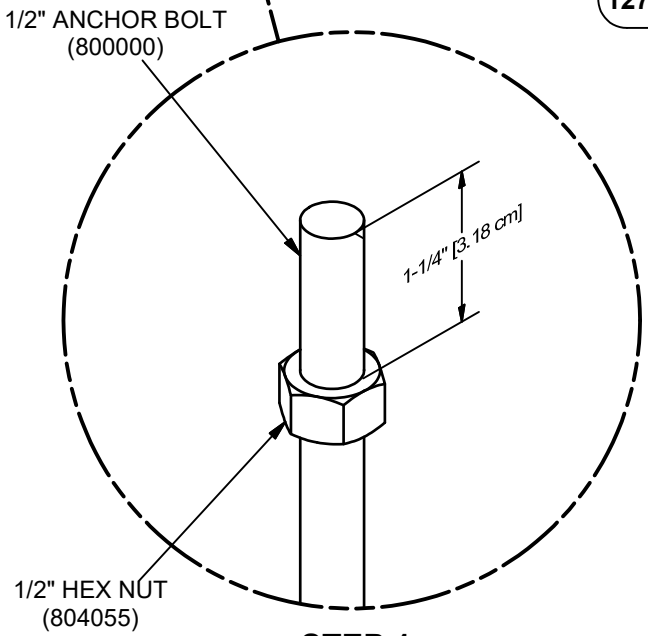




TOP VIEW FOR BRACKET CLARITY ONLY

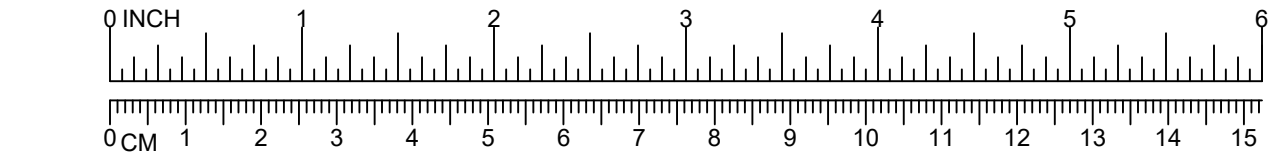


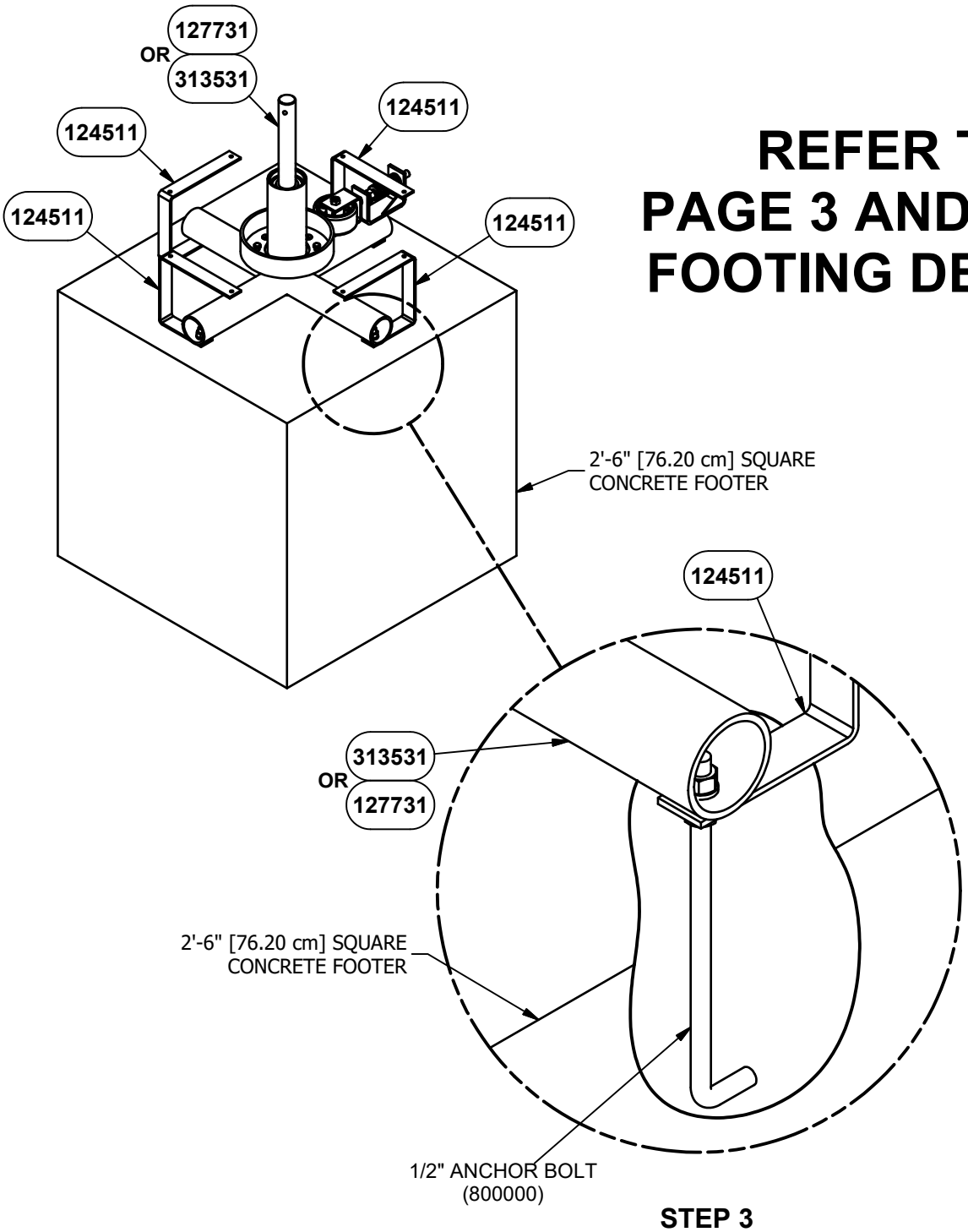
STEP 2
4 PLACES



STEP 1
4 PLACES

DETAIL VIEW



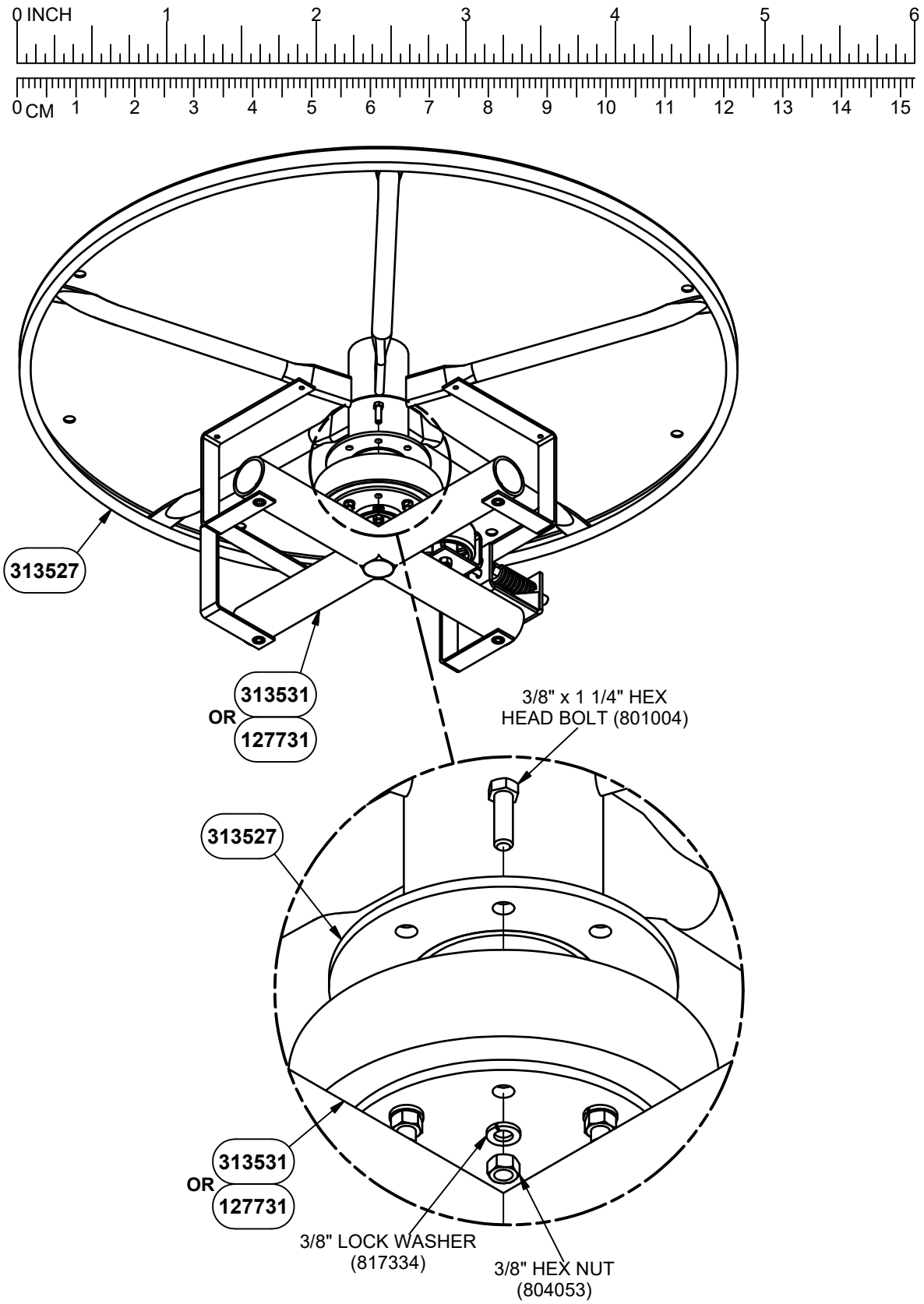


REFER TO PAGE 3 AND 4 FOR FOOTING DETAILS

STEP 3
4 PLACES

NOTE: PLACE SHIELD MOUNTING BRACKETS AND BRACE ASSEMBLY w/BRAKE ONTO CONCRETE AND FORCE 1/2" ANCHOR BOLTS INTO CONCRETE UNTIL SHIELD MOUNTING BRACKETS ARE FLUSH WITH THE TOP OF CONCRETE. TEMPORARY BRACING MAY BE REQUIRED UNTIL CONCRETE CURES.
ALLOW CONCRETE TO CURE AT LEAST 48 HOURS BEFORE PROCEEDING.

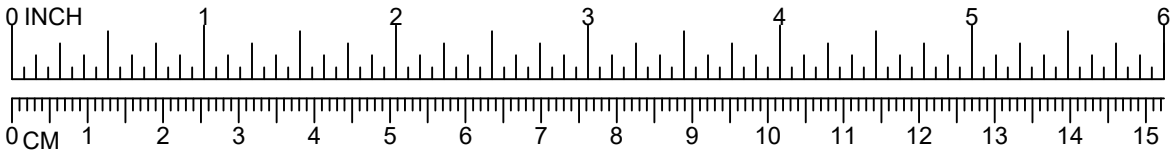
DETAIL VIEW

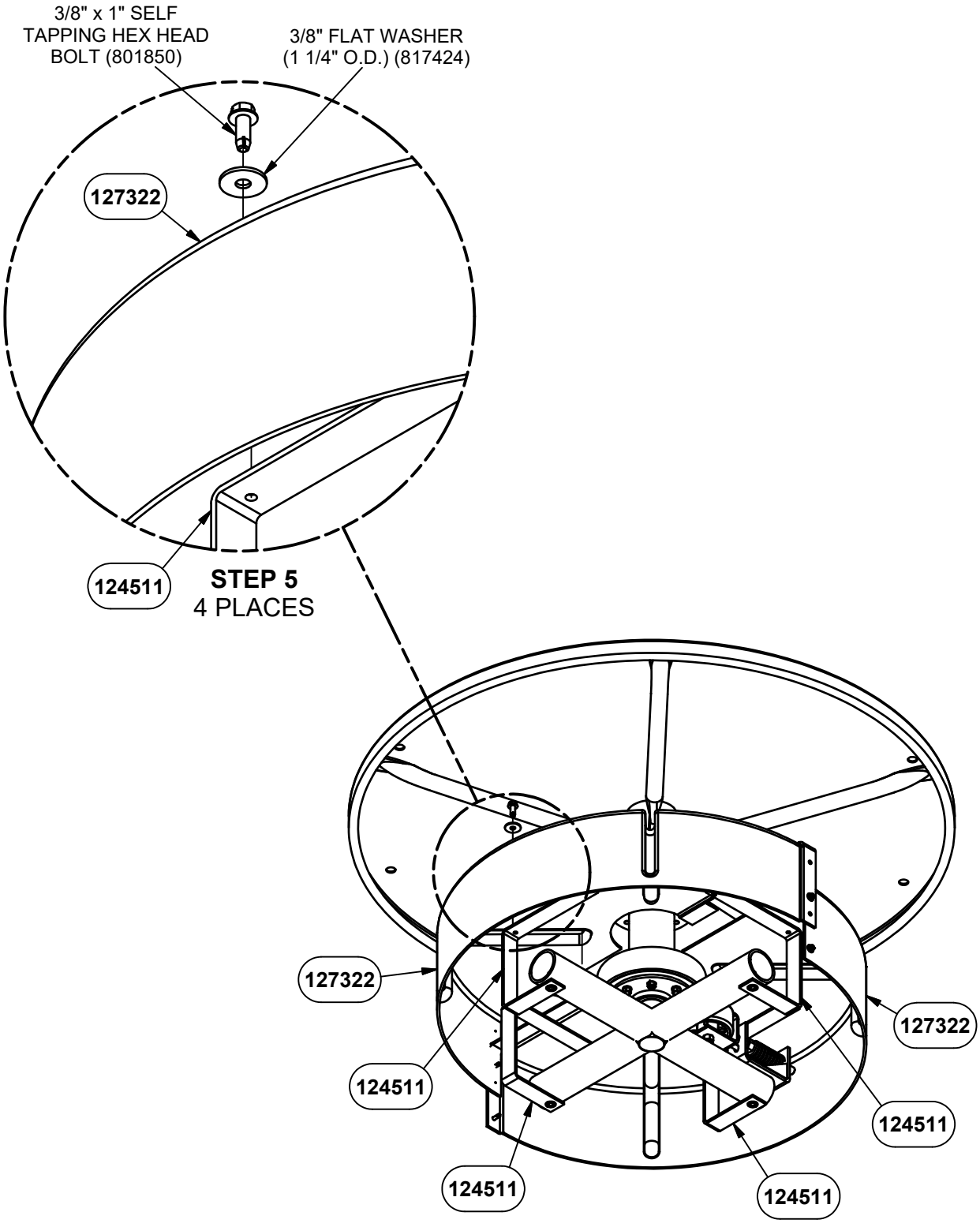


STEP 4
4 PLACES

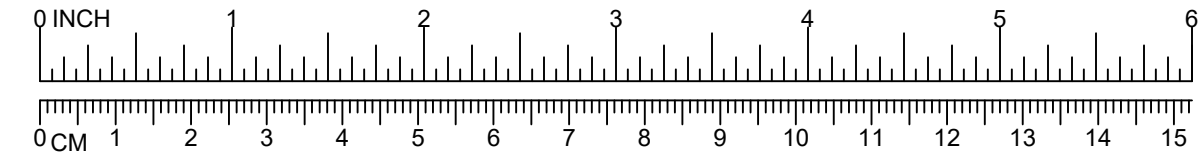
NOTE: ALLOW CONCRETE TO CURE AT LEAST 48 HOURS AFTER STEP 3 BEFORE PROCEEDING.

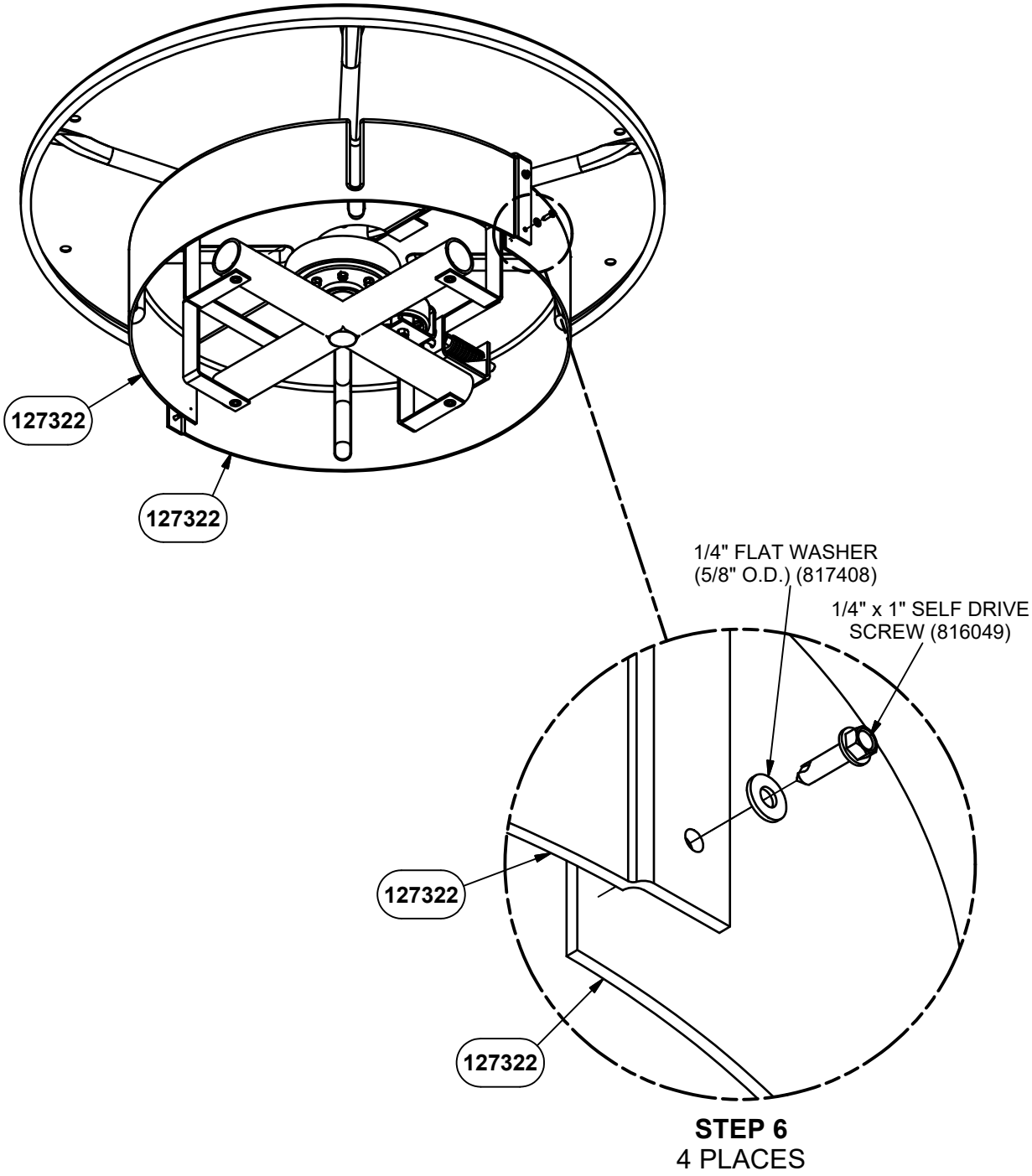
DETAIL VIEW


0 INCH
1
2
3
4
5
6
0 CM
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15


3/8" x 1" SELF TAPPING HEX HEAD BOLT (801850)
3/8" FLAT WASHER (1 1/4" O.D.) (817424)
127322
124511
STEP 5
4 PLACES
127322
124511
124511
124511
127322
124511

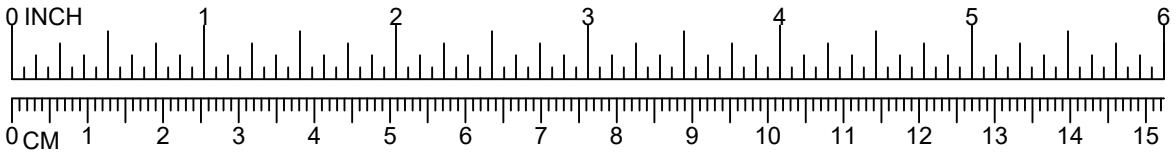
DETAIL VIEW

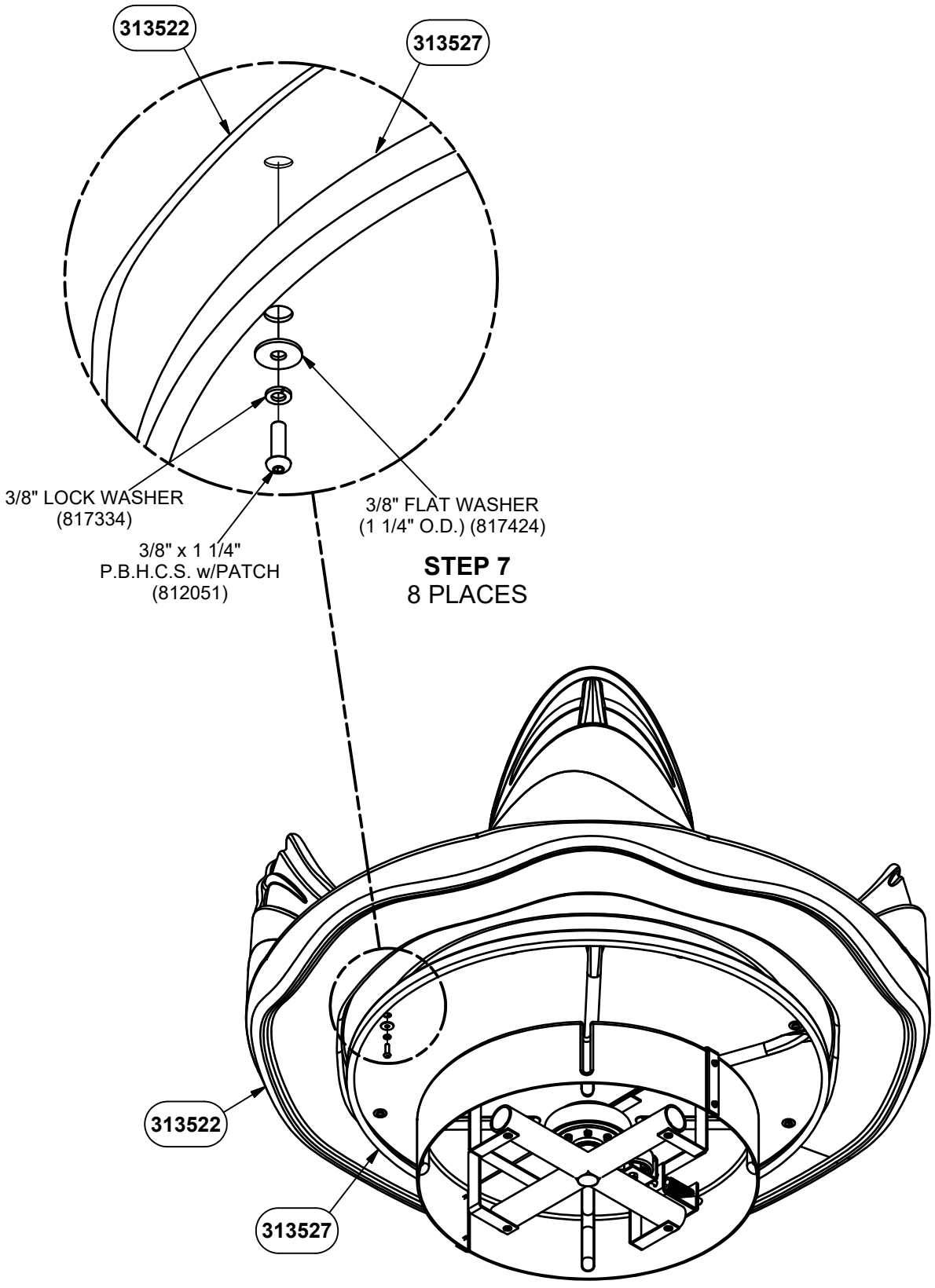




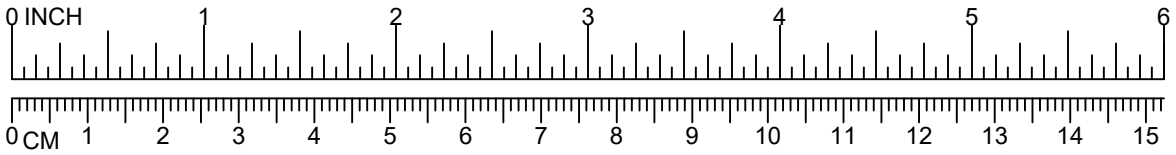
STEP 6
4 PLACES

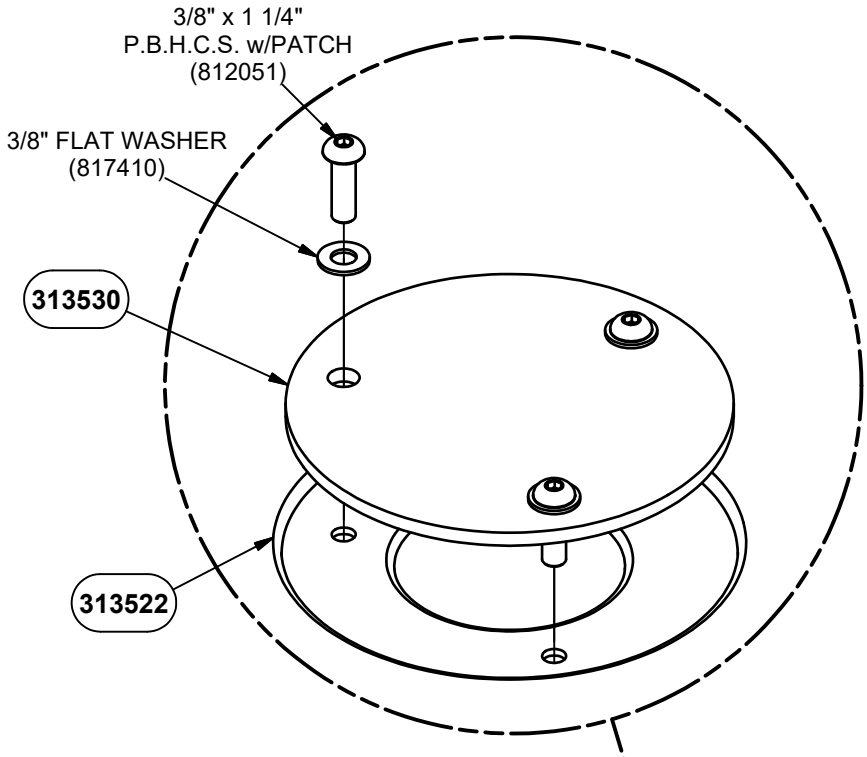
DETAIL VIEW


0 INCH 1 2 3 4 5 6
0 CM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15


313522
313527
3/8" LOCK WASHER
(817334)
3/8" x 1 1/4"
P.B.H.C.S. w/PATCH
(812051)
3/8" FLAT WASHER
(1 1/4" O.D.) (817424)
STEP 7
8 PLACES
313522
313527

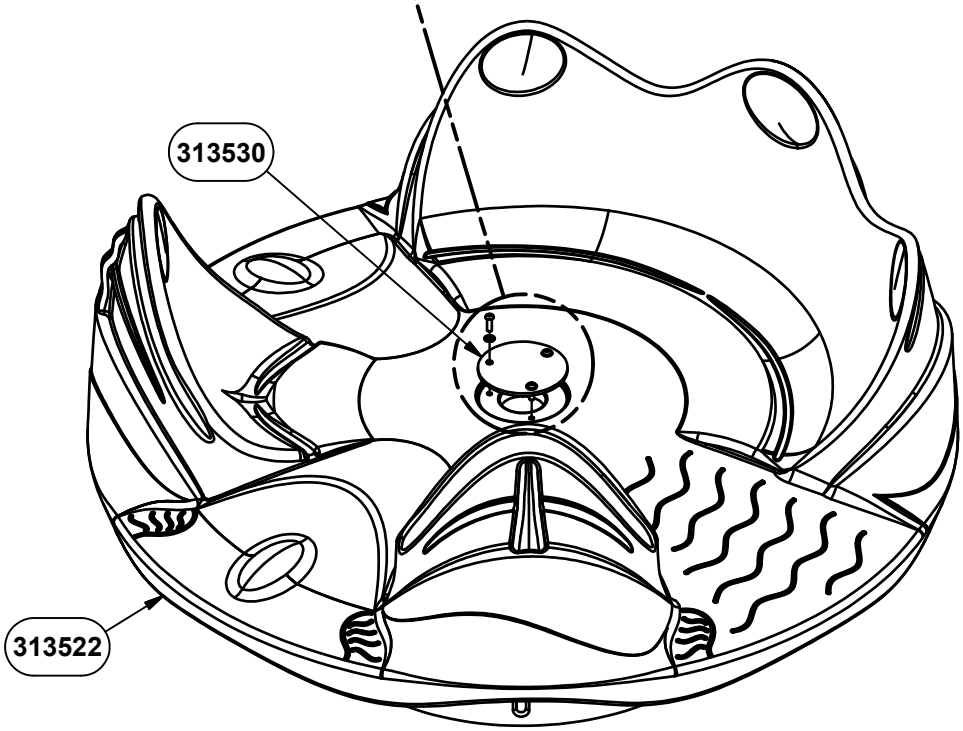
DETAIL VIEW



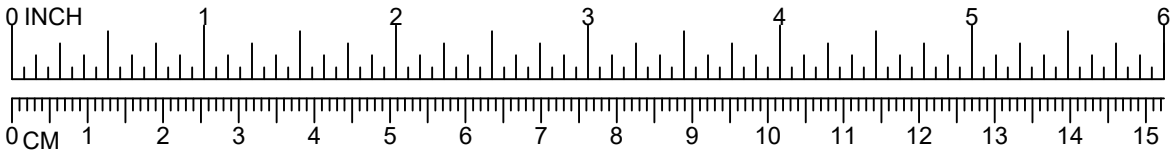


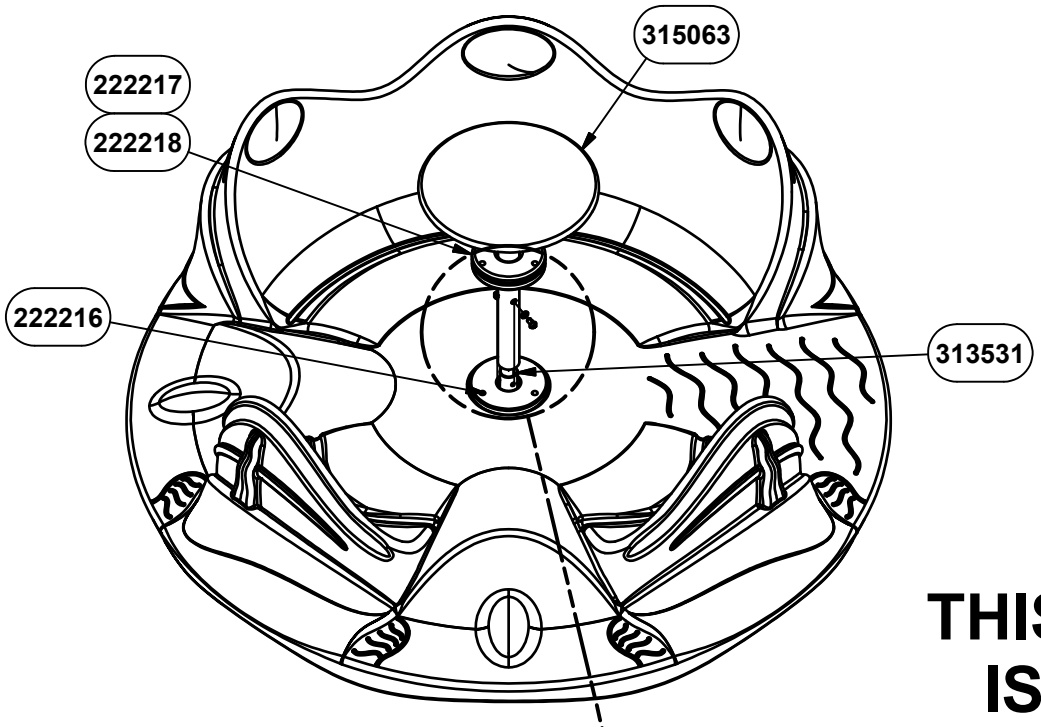
THIS VIEW IS FOR 6373 ONLY

6373 - STEP 8
3 PLACES

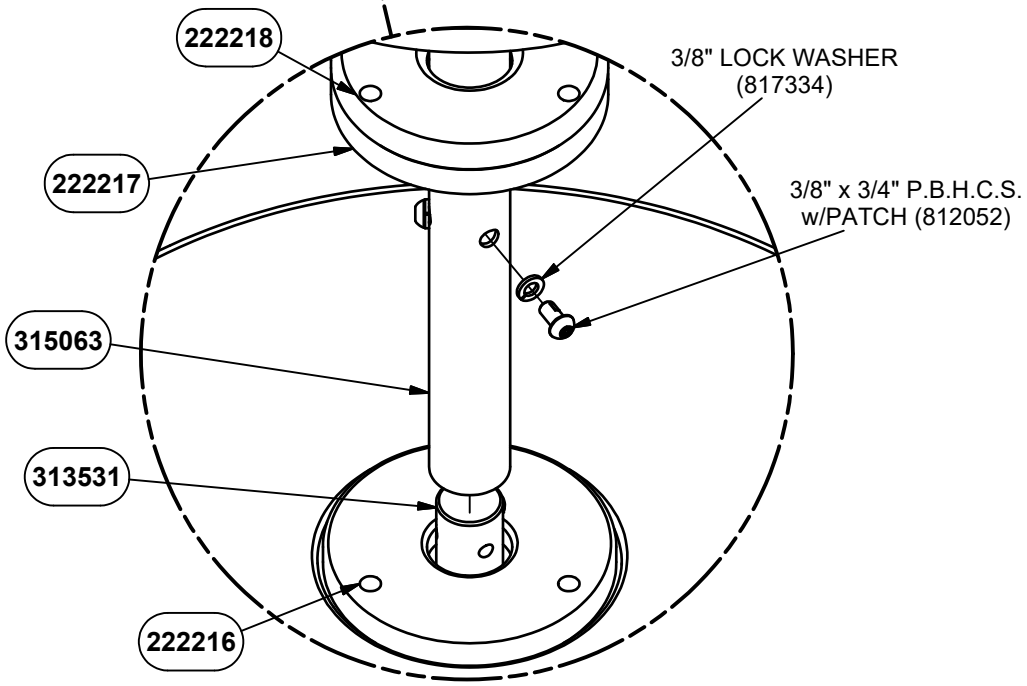


DETAIL VIEW
6373 ONLY





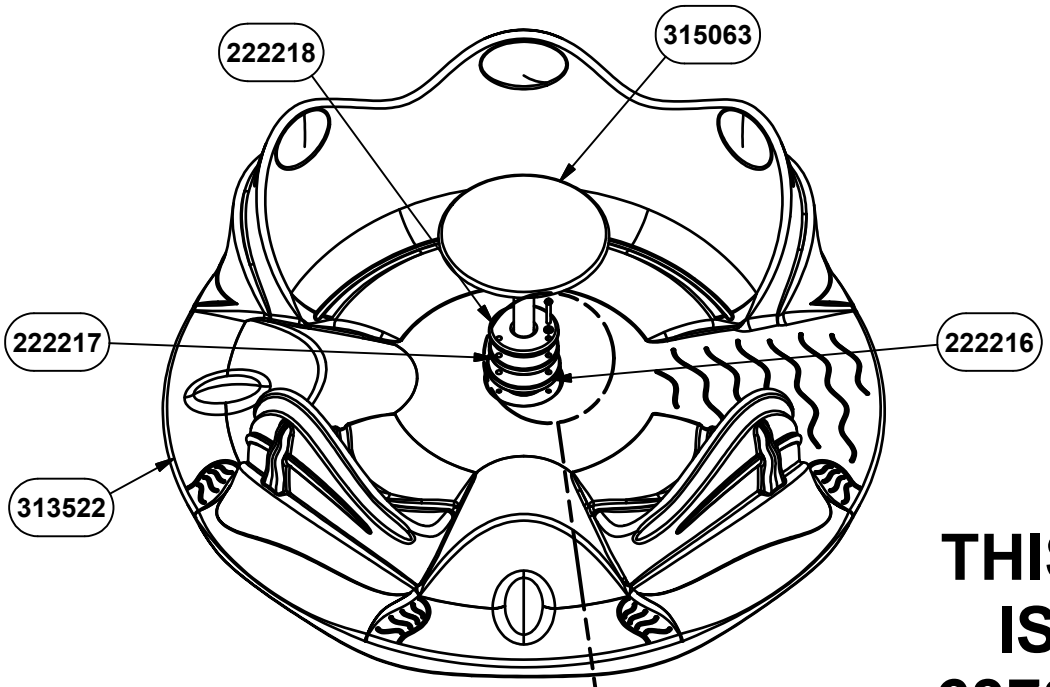
THIS VIEW IS FOR 6372 ONLY



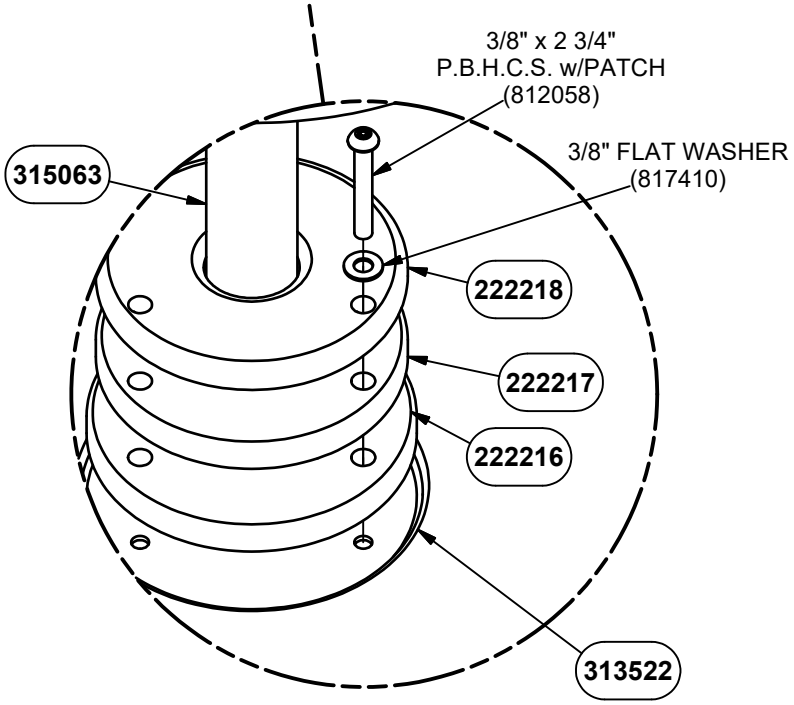
6372 - STEP 8
3 PLACES

NOTE: THE THREE HDPE CENTER COVERS MUST BE IN POSITION BEFORE INSTALLING WHIRL HANDLE.

DETAIL VIEW
6372 ONLY



THIS VIEW IS FOR 6372 ONLY



6372 - STEP 9
3 PLACES

NOTE: THE THREE HDPE CENTER COVERS MUST BE IN POSITION BEFORE INSTALLING WHIRL HANDLE DURING STEP 8.

DETAIL VIEW
6372 ONLY

Parts List			
DESCRIPTION	6372	6373	PART NUMBER
BASE ASSEMBLY w/BRAKE	1	0	313531
BASE ASSEMBLY w/BRAKE	0	1	127731
SHIELD MOUNTING BRACKET	4	4	124511
WHIRL BRAKE COVER	2	2	127322
48" DIA. PLATFORM ASSEMBLY	1	1	313527
WHIRL	1	1	313522
WHIRL HANDLE	1	0	315063
HDPE CENTER COVER BOTTOM	1	0	222216
HDPE CENTER COVER MIDDLE	1	0	222217
HDPE CENTER COVER TOP	1	0	222218
COVER PLATE	0	1	313530
HARDWARE COMPLETE	1	0	222222
HARDWARE COMPLETE	0	1	222223
1/4" x 1" SELF DRIVE SCREW	4	4	816049*
1/4" FLAT WASHER (5/8" O.D.)	4	4	817408*
3/8" x 3/4" P.B.H.C.S. w/PATCH	3	0	812052*
3/8" x 1" SELF TAPPING HEX HEAD BOLT	4	4	801850*
3/8" x 1 1/4" HEX HEAD BOLT	4	4	801004*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	8	11	812051*
3/8" x 2 3/4" P.B.H.C.S. w/PATCH	3	0	812058*
3/8" FLAT WASHER (1 1/4" O.D.)	12	12	817424*
3/8" FLAT WASHER	3	3	817410*
3/8" LOCK WASHER	15	12	817334*
3/8" HEX NUT	4	4	804053*
1/2" HEX NUT	8	8	804055*
1/2" LOCKWASHER	4	4	817342*
1/2" ANCHOR BOLT	4	4	800000*

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.

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8536
ADAPTIVE SWING
3 1/2" O.D. RAIL (8' HIGH)

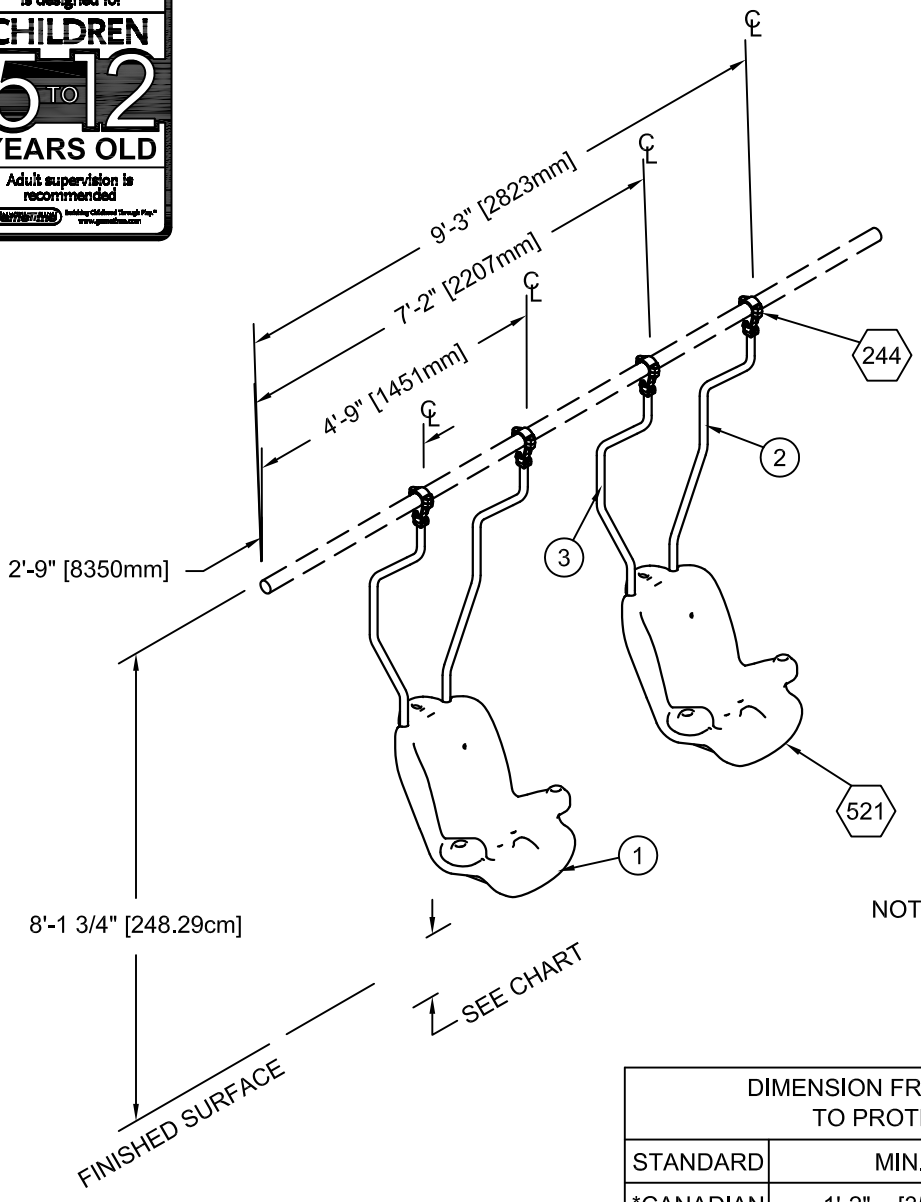
ISSUED/REVISED: 07/17/12

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

W/ RUNGS	**8536**
W/CHAIN	**8537**
W/ COATED CHAIN	**8538**
STAINLESS STEEL CHAIN	**SS8537**





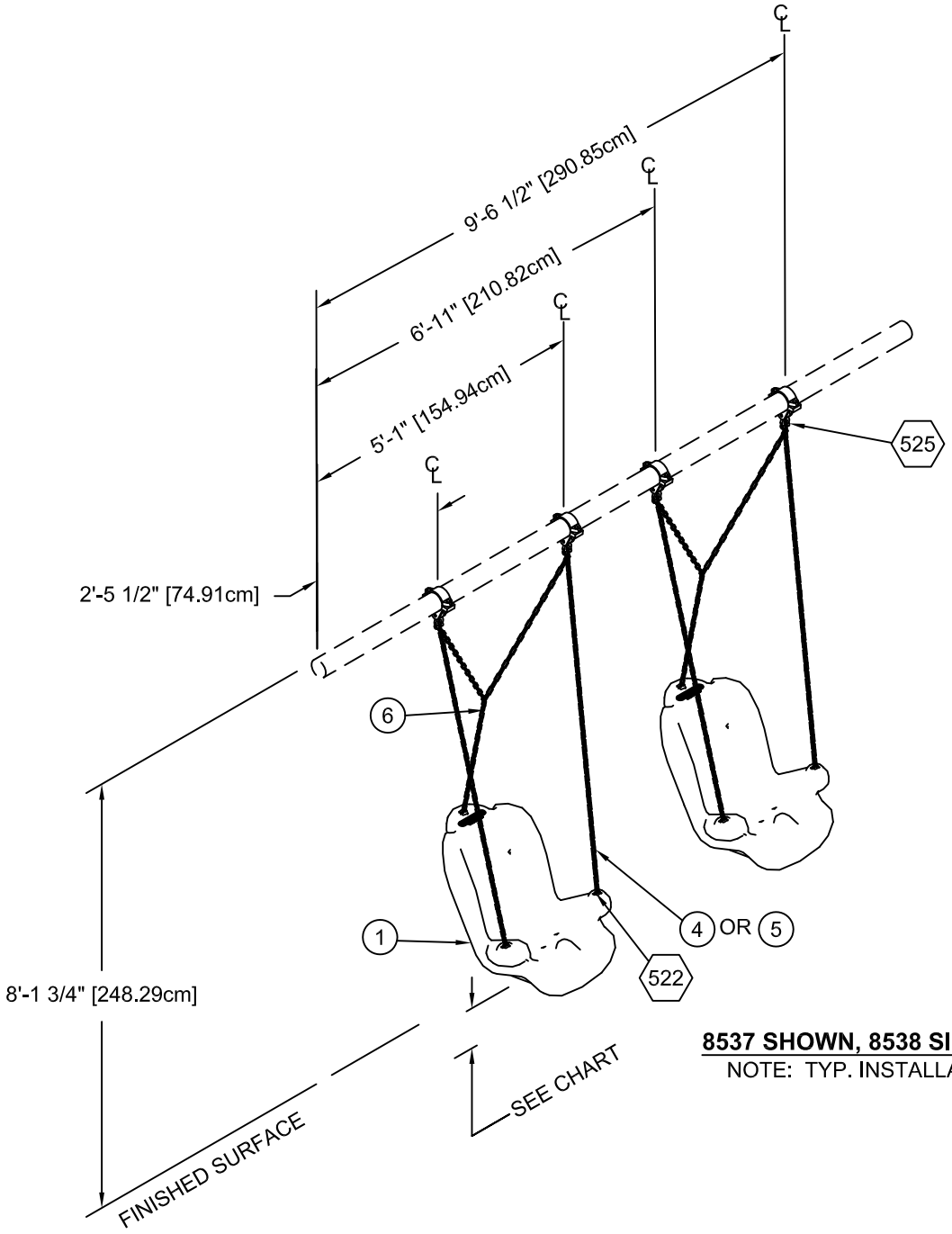
8536 SHOWN
NOTE: TYP. INSTALLATION

INSTALLATION INSTRUCTIONS

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

DIMENSION FROM UNDERSIDE OF SEAT TO PROTECTIVE SURFACING		
STANDARD	MIN.	MAX.
*CANADIAN	1'-2" [35.56cm]	1'-6" [45.72cm]
ASTM	1'-0" [30.48cm]	N/A
DIN	1'-3 3/4"[40.00cm]	N/A
CPSC	N/A	N/A

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



8537 SHOWN, 8538 SIMILAR
NOTE: TYP. INSTALLATION

DIMENSION FROM UNDERSIDE OF SEAT TO PROTECTIVE SURFACING		
STANDARD	MIN.	MAX.
*CANADIAN	1'-2" [35.56cm]	1'-6" [45.72cm]
ASTM	1'-0" [30.48cm]	N/A
DIN	1'-3 3/4"[40.00cm]	N/A
CPSC	N/A	N/A

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

PARTS LIST

REF. NO.	DESCRIPTION	NO. REQ'D. 8536	8537	8538	SS8537	PART NUMBER
1	Adaptive Swing Seat	1	1	1	1	166082
2	Right Support Arm	1	0	0	0	200637
3	Left Support Arm	1	0	0	0	200634
4	Safe-T-Grip Chain, 94 15/16" Lg.	0	0	2	0	167451
	Hardware Complete	1	0	0	0	200683
	Hardware Complete	0	1	0	0	168877
	Hardware Complete	0	0	1	0	168878
	Hardware Complete	0	0	0	1	178036
5	Chain, 94" Lg.	0	2	0	0	166921*
6	Chain, 24 5/8" Lg.	0	1	1	0	166922*
5	Stainless Steel Chain	0	0	0	2	177999*
6	Stainless Steel Chain	0	0	0	1	177989*
	Swing Clevis	0	1	1	1	166683*
	1/4" x 2 3/4" B.H.C.S	4	0	0	0	811021*
	1/4" Lockwasher	4	0	0	0	817326*
	1/4" Flatwasher 5/8" O.D.	4	0	0	0	817408*
	1/4" Tee Nut	4	0	0	0	804559*
	3/8" x 1 1/4" B.H.C.S.	0	3	3	3	811051*
	3/8" Hex Nut	0	3	3	3	804053*
	Swing Hanger	0	2	2	2	1462*
	Chain Plug Insert	0	6	6	6	179799*
	1/2" Pin-In Hex Bit (5/16")	0	1	1	1	812644*
	Top Clevis	2	0	0	0	157002*
	Bottom Clevis	2	0	0	0	157012*
	1/2" x 2 1/2" Hex Bolt	4	0	0	0	801200*
	1/2" Hex Nut	4	0	0	0	804055*
	1/2" Lockwasher	4	0	0	0	817342*
	Pendulum	2	0	0	0	200195*
	3/8" x 2" Carriage Bolt	4	0	0	0	800256*
	3/8" Lock Nut	4	0	0	0	804353*

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

Warning: Small parts and hardware items may present a potential choking hazard. Promptly remove all unused parts from play area. Any bolt end protruding more than two full threads beyond the face of the nut causes risk of clothing entanglement. Promptly cut-off flush, file smooth, and treat to prevent corrosion.

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

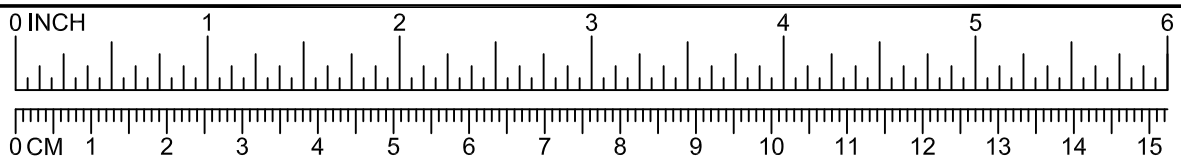
Note: Loctite (supplied by others) should be used on all threaded hardware.

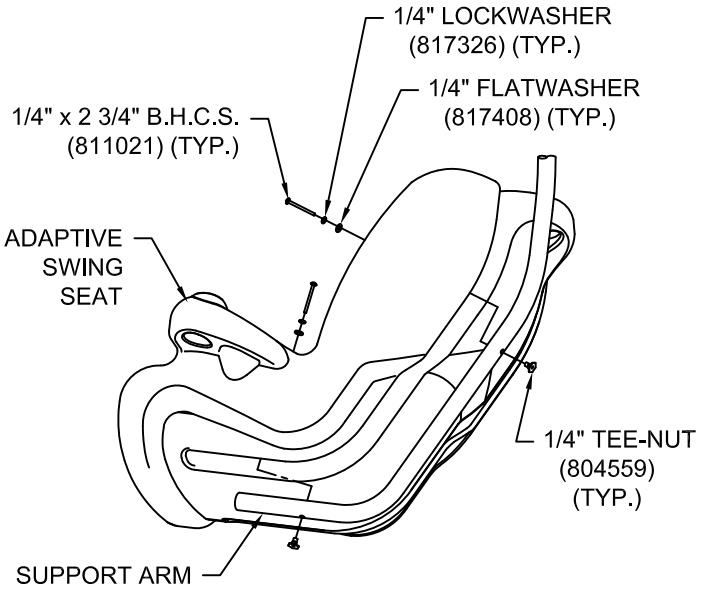
DETAILS -for-
8536, 8537, 8538, SS8537

IMPORTANT

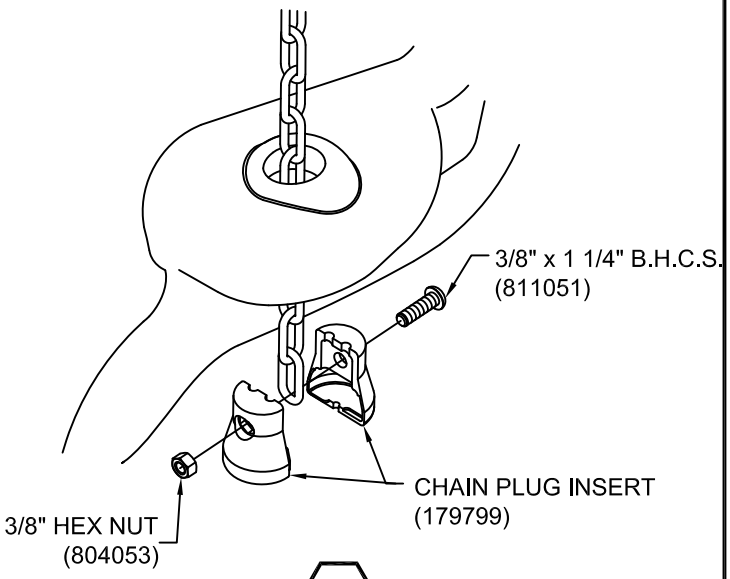
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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

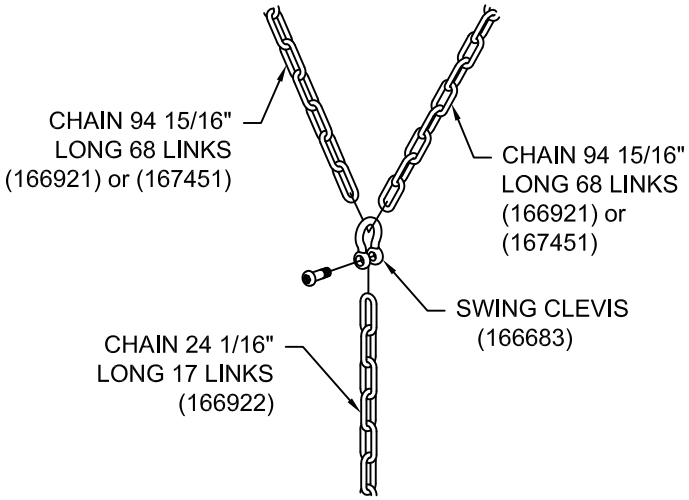




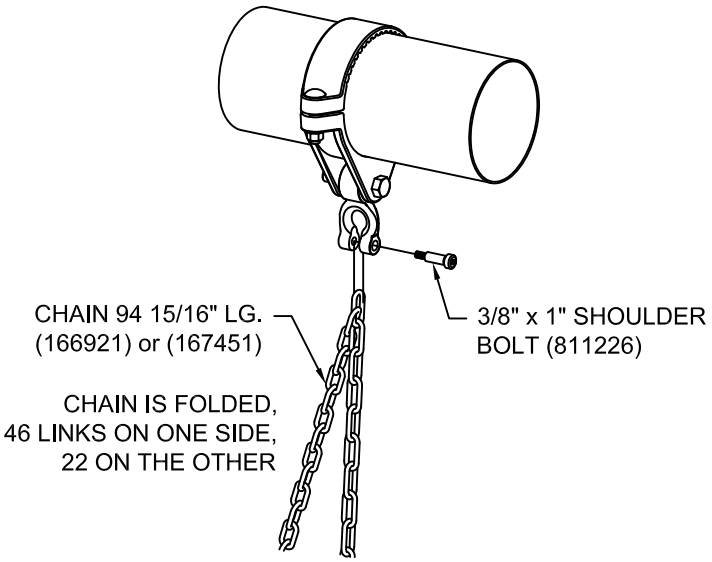
521



522



524



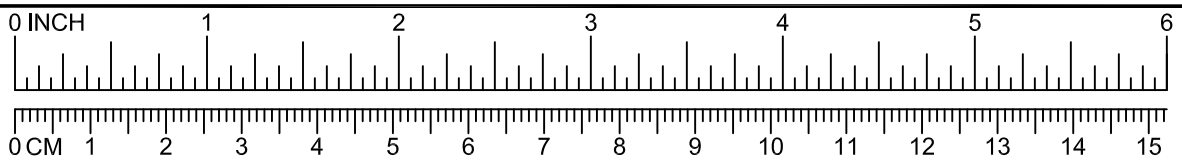
525

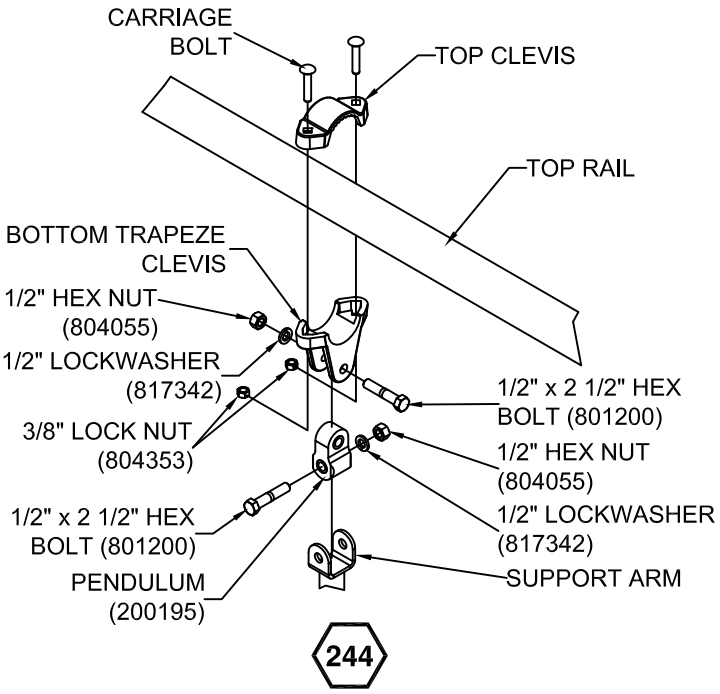
DETAILS -for-
8536, 8537,8538, SS8537

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.





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8537
ADAPTIVE SWING
3 1/2" O.D. RAIL (8' HIGH)

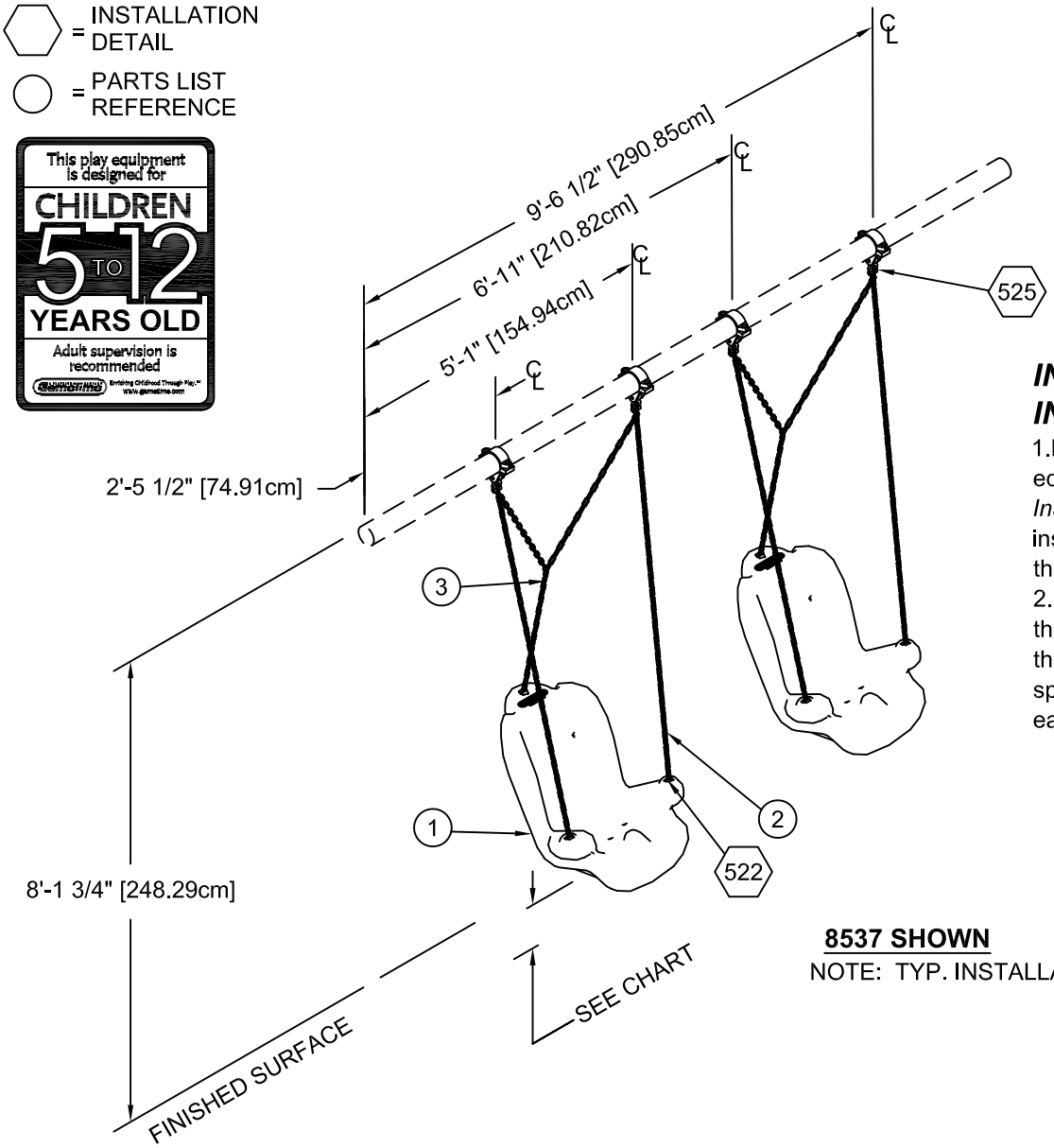
ISSUED/REVISED: 7/31/18

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

W/ CHAIN 8537
S.S. CHAIN SS8537

This play equipment is designed for CHILDREN 5 TO 12 YEARS OLD
Adult supervision is recommended



8537 SHOWN
NOTE: TYP. INSTALLATION

INSTALLATION INSTRUCTIONS

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

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

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

PARTS LIST

REF. NO.	*DESCRIPTION*	*NO. REQ'D. 8537*	*NO. REQ'D. SS8537*	*PART NUMBER*
1	Adaptive Swing Seat	1	1	166082
	Hardware Complete	1	0	168877
	Hardware Complete	0	1	178036
2	Chain, 94" Lg.	2	0	166921*
3	Chain, 24 5/8" Lg.	1	0	166922*
2	Stainless Steel Chain	0	2	177999*
3	Stainless Steel Chain	0	1	177989*
	Swing Clevis	1	1	166683*
	3/8" x 1 1/4" B.H.C.S.	3	3	811051*
	3/8" Hex Nut	3	3	804053*
	Swing Hanger	2	2	1462*
	Chain Plug Insert	6	6	179799*
	1/2" Pin-In Hex Bit (5/16")	1	1	812644*

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

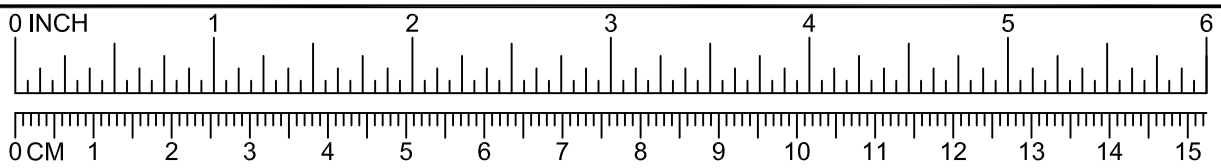
Warning: Small parts and hardware items may present a potential choking hazard. Promptly remove all unused parts from play area. Any bolt end protruding more than two full threads beyond the face of the nut causes risk of clothing entanglement. Promptly cut-off flush, file smooth, and treat to prevent corrosion.
Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on all threaded hardware.

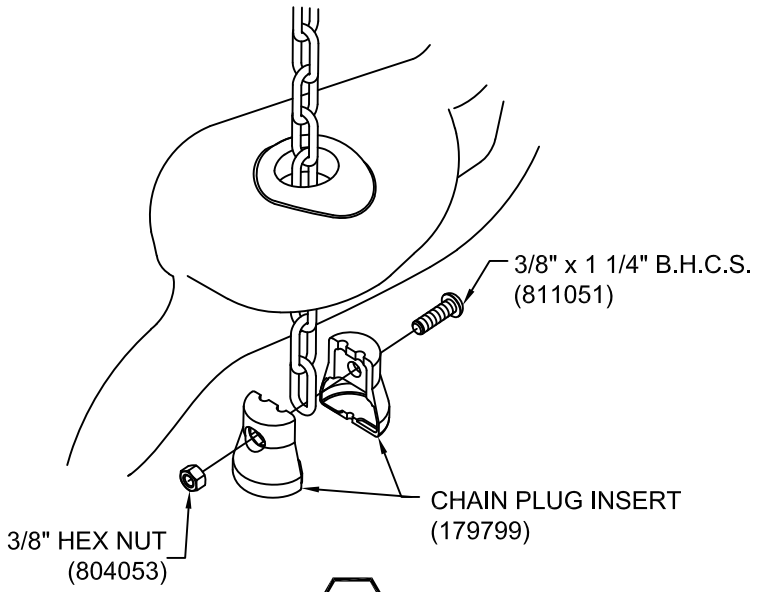
DETAILS -for-
8537, SS8537

IMPORTANT

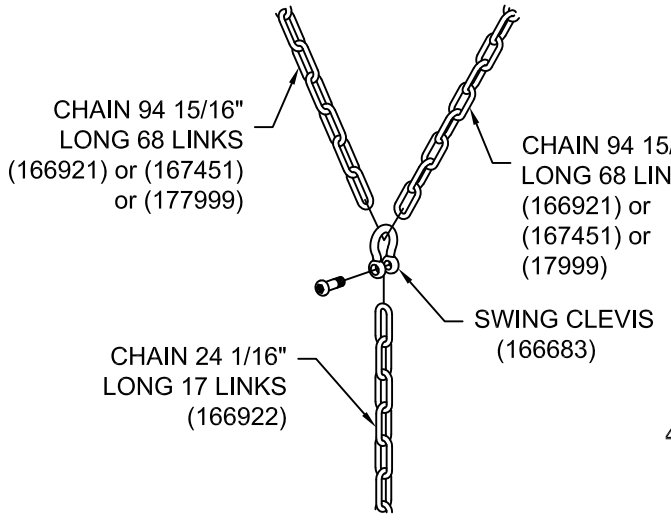
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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

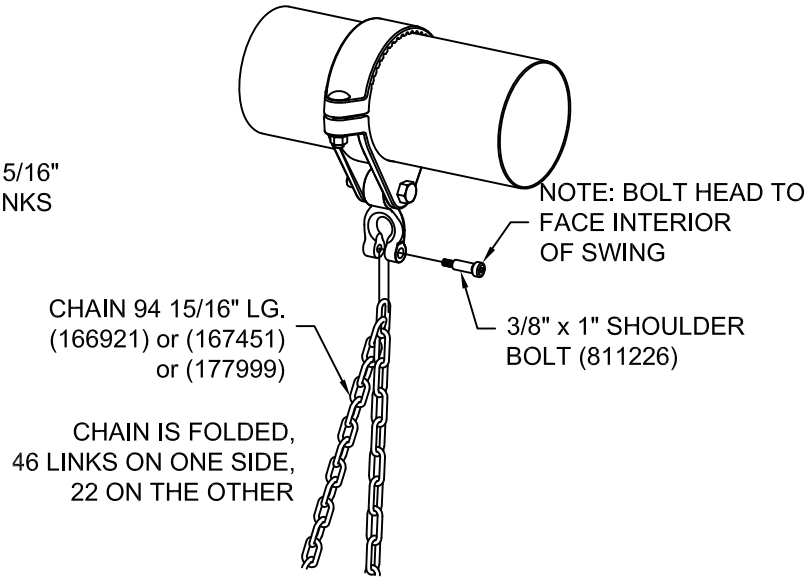




522



524



525

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8691
SEAT

ISSUED/REVISED: 10/30/17

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

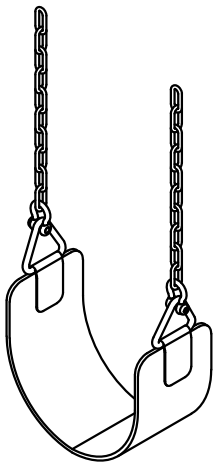
BELT SEAT 8691
FULLY ENCLOSED SEAT 8693
8695, 8696, 8908, 8909, 8910, 8911, 8914, 8918, SS8914, SS8695, SS8696, SS8918, SS8908, SS8910, SS8909, SS8911
SEAT PACKAGES



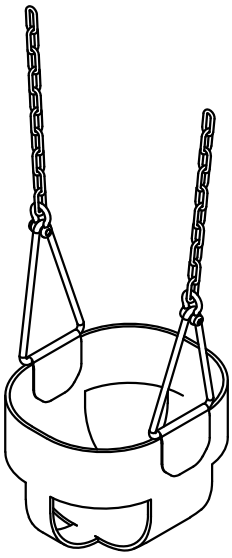
8695, 8696, 8914, SS8914, SS8695, SS8696



8908, 8909, 8910, 8911, 8918, 8915, SS8918, SS8908, SS8910, SS8909, SS8911



8691



8693

SPECIFICATIONS

*Rights are reserved to disontinue or change specifications without notice.
*Fully Enclosed Seats shall be fabricated with .025" thick stainless steel inserts covered by a dark green colored EPDM rubber.
*Commercial Belt Seat - an extra piece of fluted rubber at the front and back of seat gives it a cushion bumper.
***NOTE:** Weights are based on average comparisons of each part.

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.

PARTS LIST -for- SEATS

DESCRIPTION	NO. REQD		PART NO.
	8693	*8691*	
Belt Seat	*0*	*1*	*153738*
Enclosed Tot Seat	*1*	*0*	*153746*
Hardware Complete	*1*	*1*	*167359*
Swing Clevis	*2*	*2*	*166683**
1/2" Pin-In Hex Bit (5/16")	*1*	*1*	*812644**

PARTS LIST -for- SEAT PACKAGES

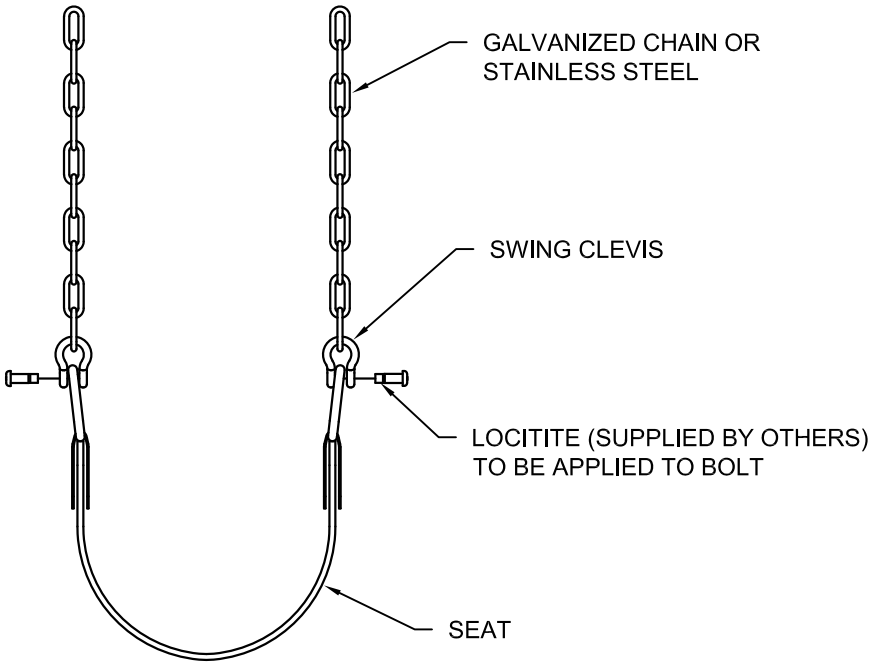
DESCRIPTION	NO. REQUIRED			PART NO.
	8914	*8695*	*8696*	
Enclosed Tot Seat	*1*	*1*	*1*	*8693*
Swing Hanger (2-3/8" O.D.)	*0*	*2*	*0*	*1461*
Swing Hanger (3-1/2" O.D.)	*0*	*0*	*2*	*1462*
Swing Hanger (5" O.D.)	*2*	*0*	*0*	*1487*
Chain	*2*	*2*	*2*	*131904*

Unless otherwise specified, all units of measure are each.
****Included in Hardware Complete.***
NOTE: "CC" prefix before package number indicates seat with coated chain.
Note: Loctite (supplied by others) should be used on all threaded hardware.

PARTS LIST -for- SEAT PACKAGES

DESCRIPTION	NO. REQUIRED								PART NO.
	8691	*8918*	*8908*	*8910*	*8909*	*8911*			
Belt Seat	*1*	*1*	*1*	*1*	*1*	*1*			*8691*
Swing Hanger (2-3/8" O.D.)	*0*	*0*	*2*	*0*	*2*	*0*			*1461*
Swing Hanger (3-1/2" O.D.)	*0*	*0*	*0*	*2*	*0*	*2*			*1462*
Swing Hanger (5" O.D.)	*0*	*2*	*0*	*0*	*0*	*0*			*1487*
Chain	*0*	*2*	*0*	*0*	*0*	*0*			*103052*
Chain	*0*	*0*	*2*	*2*	*0*	*0*			*166892*
Chain	*0*	*0*	*0*	*0*	*2*	*2*			*153867*
Swing Clevis	*2*	*2*	*2*	*2*	*2*	*2*			*166683**
1/2" Pin-In Hex Bit (5/16")	*1*	*1*	*1*	*1*	*1*	*1*			*812644**
	SS8914	*SS8695*	*SS8696*	*SS8918*	*SS8908*	*SS8910*	*SS8909*	*SS8911*	
Enclosed Tot Seat	*1*	*1*	*1*	*0*	*0*	*0*	*0*	*0*	*8693*
Belt Seat	*0*	*0*	*0*	*1*	*1*	*1*	*1*	*1*	*8691*
Swing Hanger (2-3/8" O.D.)	*0*	*2*	*0*	*0*	*2*	*0*	*2*	*0*	*1461**
Swing Hanger (3-1/2" O.D.)	*0*	*0*	*2*	*0*	*0*	*2*	*0*	*2*	*1462**
Swing Hanger (5" O.D.)	*2*	*0*	*0*	*2*	*0*	*0*	*0*	*0*	*1487**
Stainless Steel Chain	*0*	*0*	*0*	*2*	*0*	*0*	*0*	*0*	*177993**
Stainless Steel Chain	*2*	*2*	*2*	*0*	*0*	*0*	*0*	*0*	*177994**
Stainless Steel Chain	*0*	*0*	*0*	*0*	*2*	*2*	*0*	*0*	*177991**
Stainless Steel Chain	*0*	*0*	*0*	*0*	*0*	*0*	*2*	*2*	*177990**

Unless otherwise specified, all units of measure are each.
***Included in Hardware Complete.**
NOTE: "CC" prefix before package number indicates seat with coated chain.
Note: Loctite (supplied by others) should be used on all threaded hardware.



SEAT ASSEMBLY
(WITH GALVANIZED CHAIN
OR STAINLESS STEEL)

1461
SWING HANGER

ISSUED/REVISED: 3/15/16

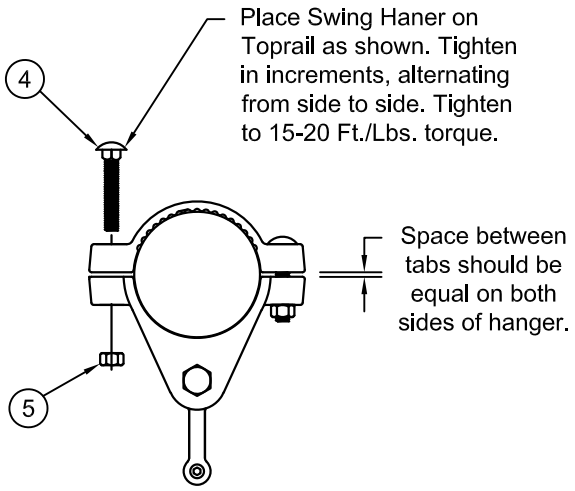
⬡ = INSTALLATION DETAIL

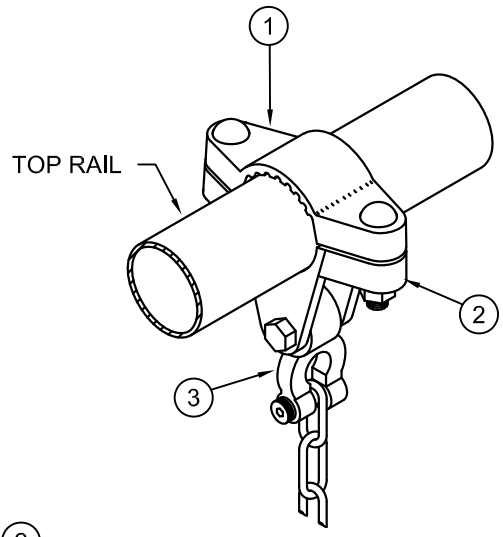
◯ = PARTS LIST REFERENCE

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

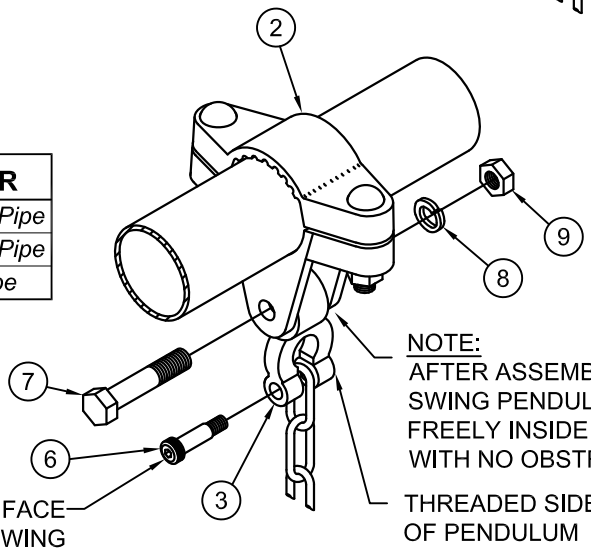
SPECIFICATIONS

MATERIAL: All swing hanger castings shall be cast of malleable iron.
HARDWARE: All Carriage bolts, lockwashers, hex nuts, and shoulder bolts shall be zinc plated with a clear chromate coating.
FINISH: All top and bottom clevis parts shall be galvanized or powder coated. The swing pendulum shall be galvanized only.
CONSTRUCTION: The swing hanger shall consist of a top clevis, bottom clevis, and swing pendulum. The top clevis shall have a non-slip-serrated surface. The pendulum shall incorporate a factory installed bronze bushing. The pendulum shall be attached to the bottom clevis with 1/2" x 2-1/2" hex bolt, 1/2" lockwasher, and 1/2" hex nut. The top and bottom clevis shall be attached with 3/8" carriage bolt and 3/8" lock nut.
SPECIFICATIONS: GAMETIME has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.





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



PARTS LIST

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

Unless otherwise specified, all units of measure are each.
Note: Loctite (supplied by others) should be used on all threaded hardware.

NEW POWERSCAPE PLUS

A PLAYCORE COMPANY GameTime

Enriching Childhood Through Play℠

1-800-235-2440

ISSUED/REVISED: 7/30/18

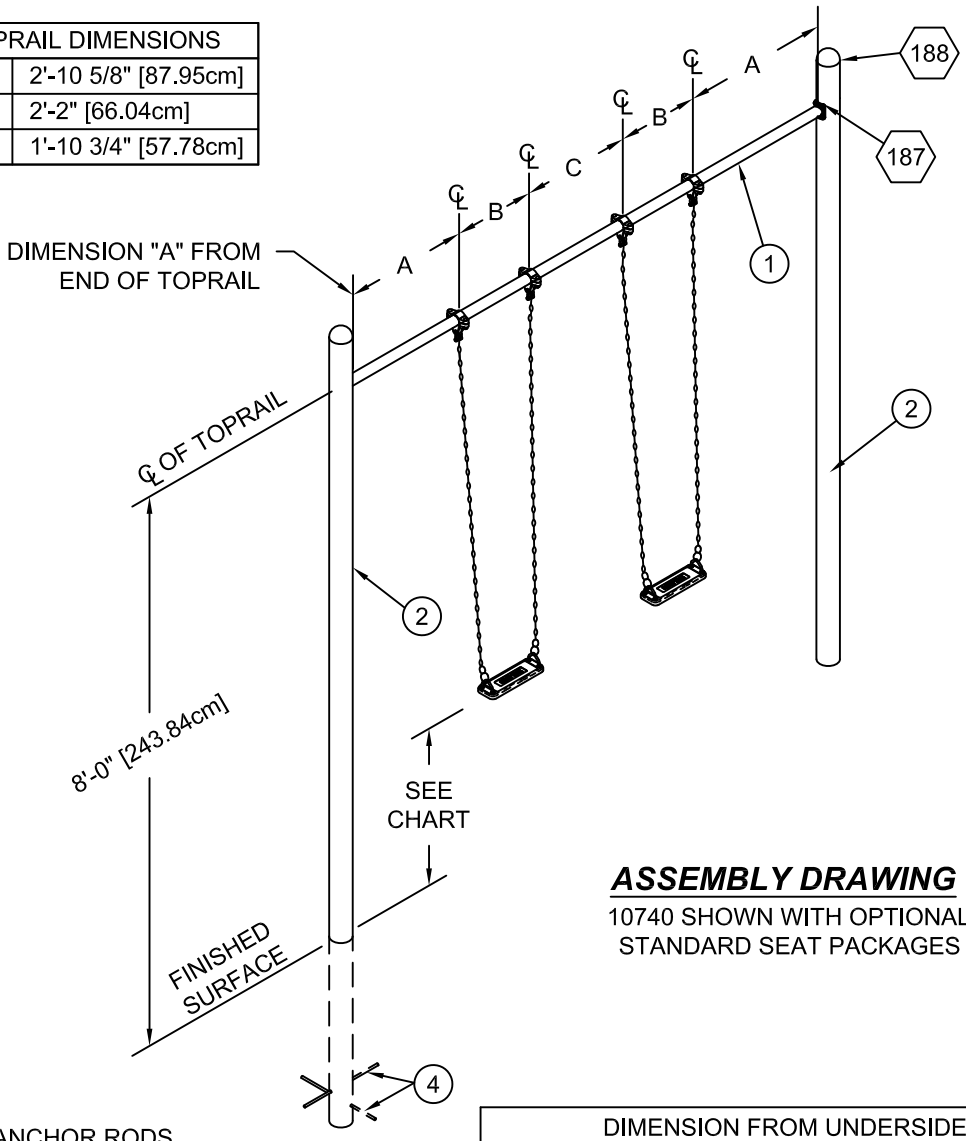
10740
SINGLE POST w/ 3 1/2" O.D. TOP RAIL

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

NOTE: 10740 SINGLE BAY
81751 DOUBLE BAY

TOPRAIL DIMENSIONS	
DIM. A	2'-10 5/8" [87.95cm]
DIM. B	2'-2" [66.04cm]
DIM. C	1'-10 3/4" [57.78cm]



ASSEMBLY DRAWING

10740 SHOWN WITH OPTIONAL STANDARD SEAT PACKAGES

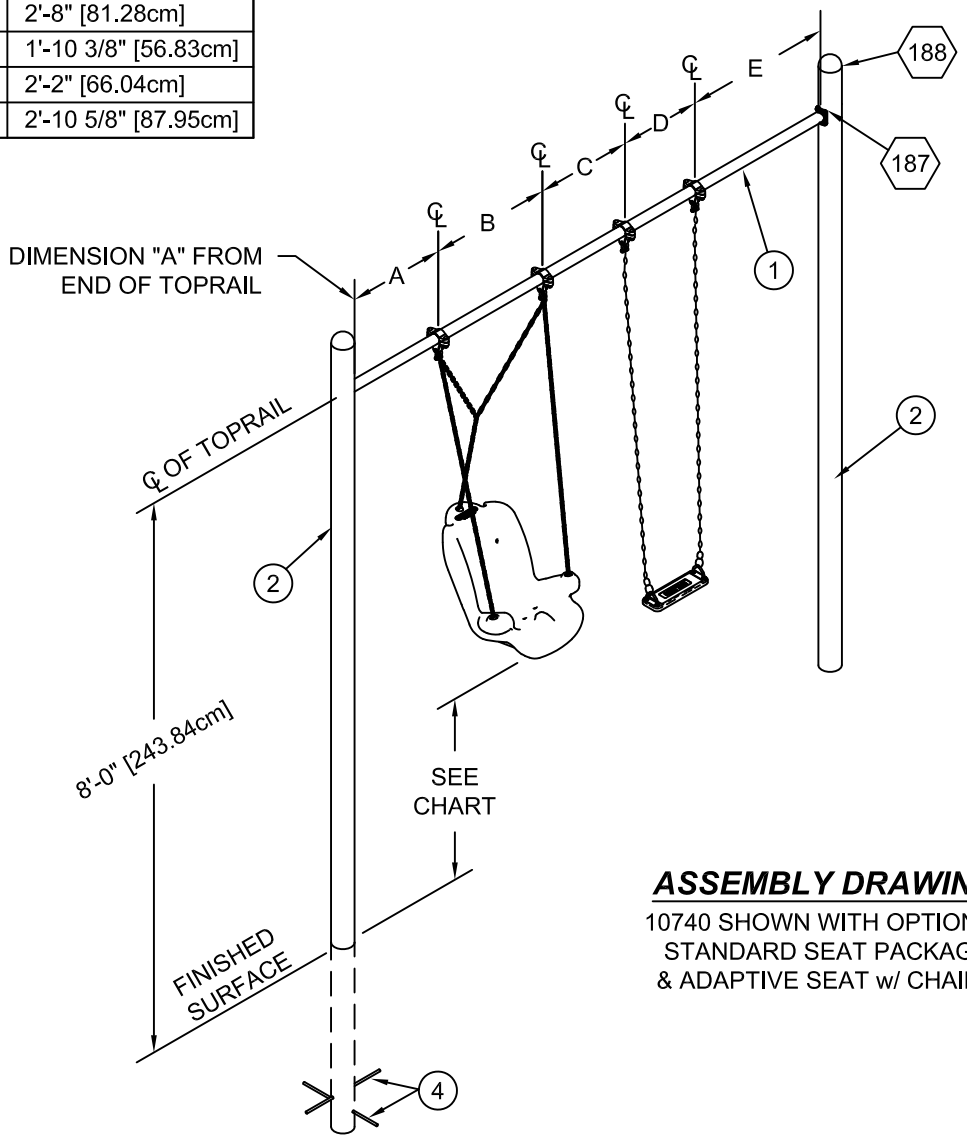
NOTE: ANCHOR RODS SHOULD BE PLACED IN UPRIGHTS BEFORE CONCRETE IS POURED.

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

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

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

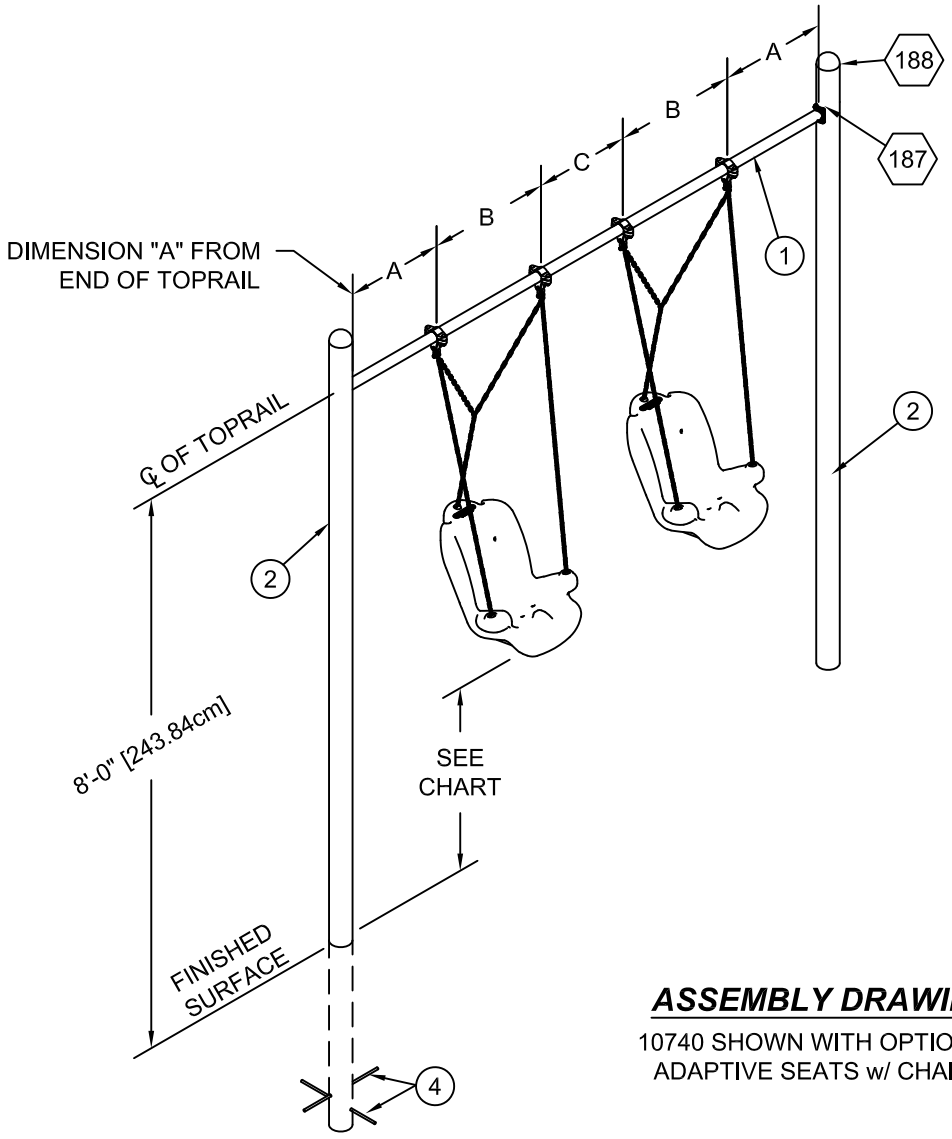
TOPRAIL DIMENSIONS	
DIM. A	2'-5" [73.66cm]
DIM. B	2'-8" [81.28cm]
DIM. C	1'-10 3/8" [56.83cm]
DIM. D	2'-2" [66.04cm]
DIM. E	2'-10 5/8" [87.95cm]



ASSEMBLY DRAWING

10740 SHOWN WITH OPTIONAL
STANDARD SEAT PACKAGE
& ADAPTIVE SEAT w/ CHAINS

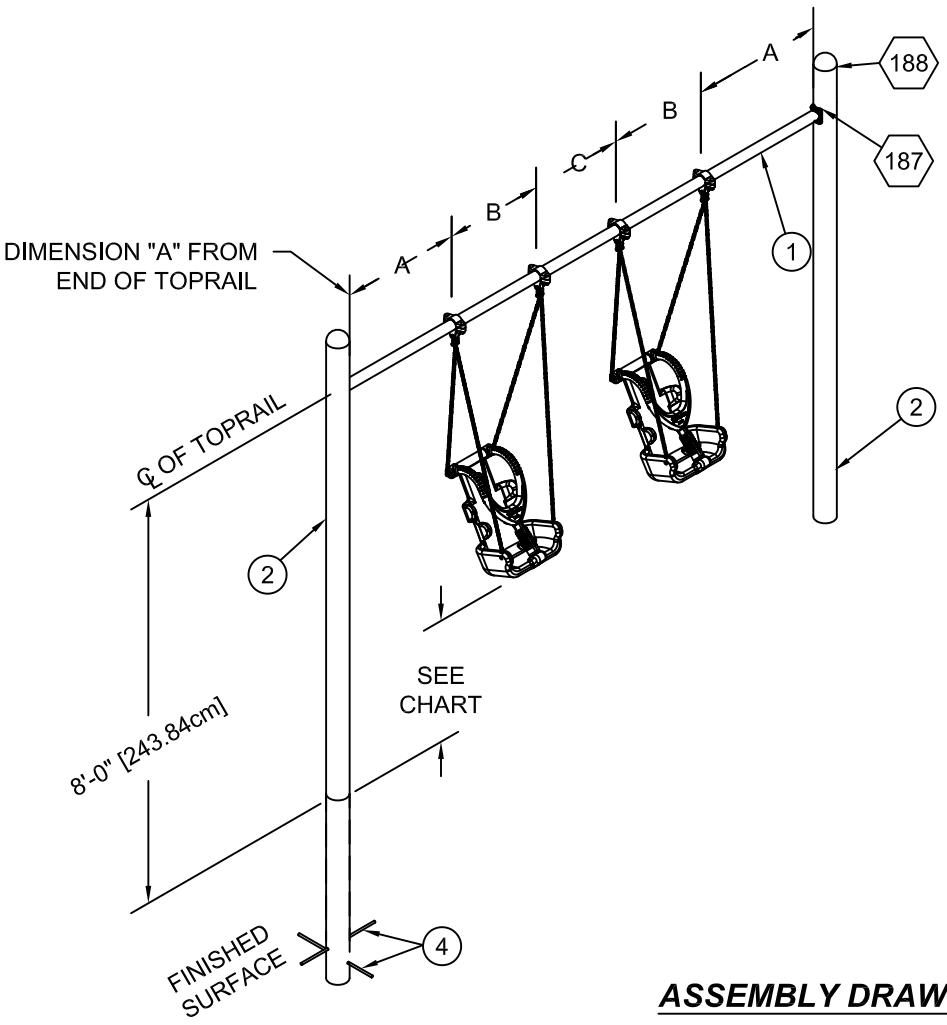
TOPRAIL DIMENSIONS	
DIM. A	2'-5" [73.66cm]
DIM. B	2'-8" [81.28cm]
DIM. C	1'-10" [55.88cm]



ASSEMBLY DRAWING

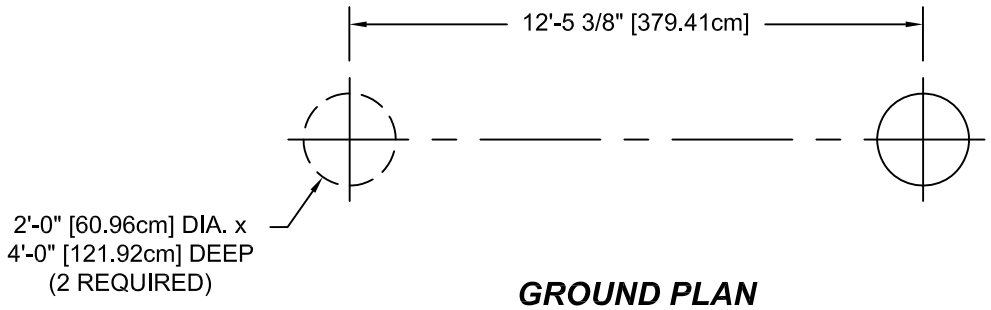
10740 SHOWN WITH OPTIONAL
ADAPTIVE SEATS w/ CHAINS

TOPRAIL DIMENSIONS	
DIM. A	2'-6" [76.2cm]
DIM. B	2'-4" [71.12cm]
DIM. C	2'-4" [71.12cm]



ASSEMBLY DRAWING

10740 SHOWN WITH OPTIONAL
ZERO-G CHAIRS

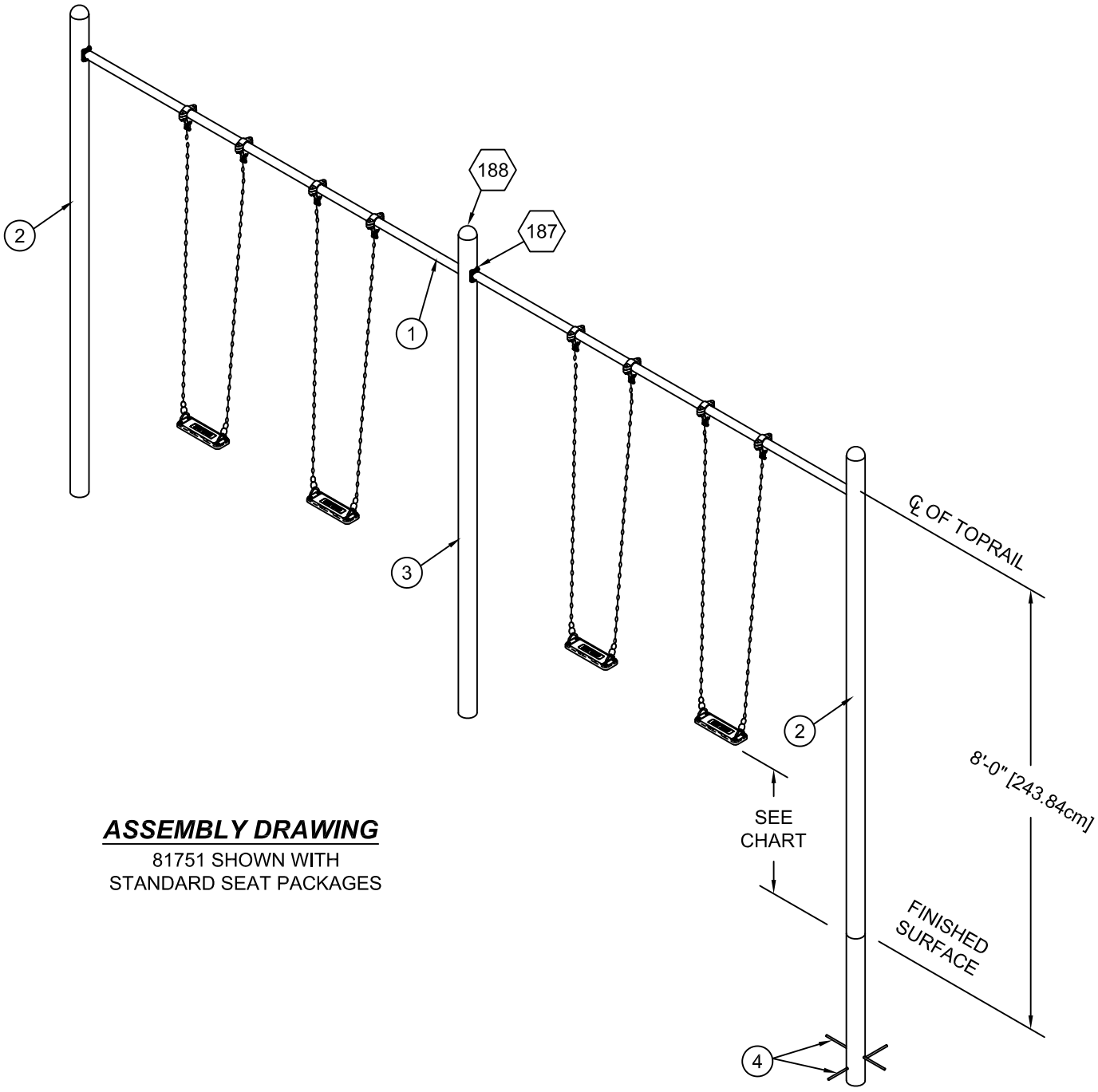


GROUND PLAN

10740

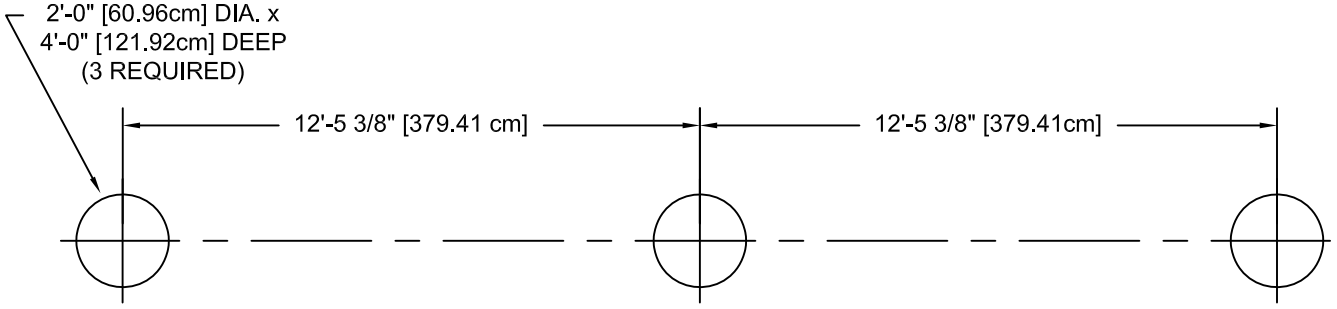
NOTE: Hole depths indicated on all ground plans are measurd from the finished surface. See Detail 005. All footing dimensions are based on level finished surface.

Concrete Required:
.70 Cubic Yards
[.54 Cubic Meters]



ASSEMBLY DRAWING

81751 SHOWN WITH
STANDARD SEAT PACKAGES



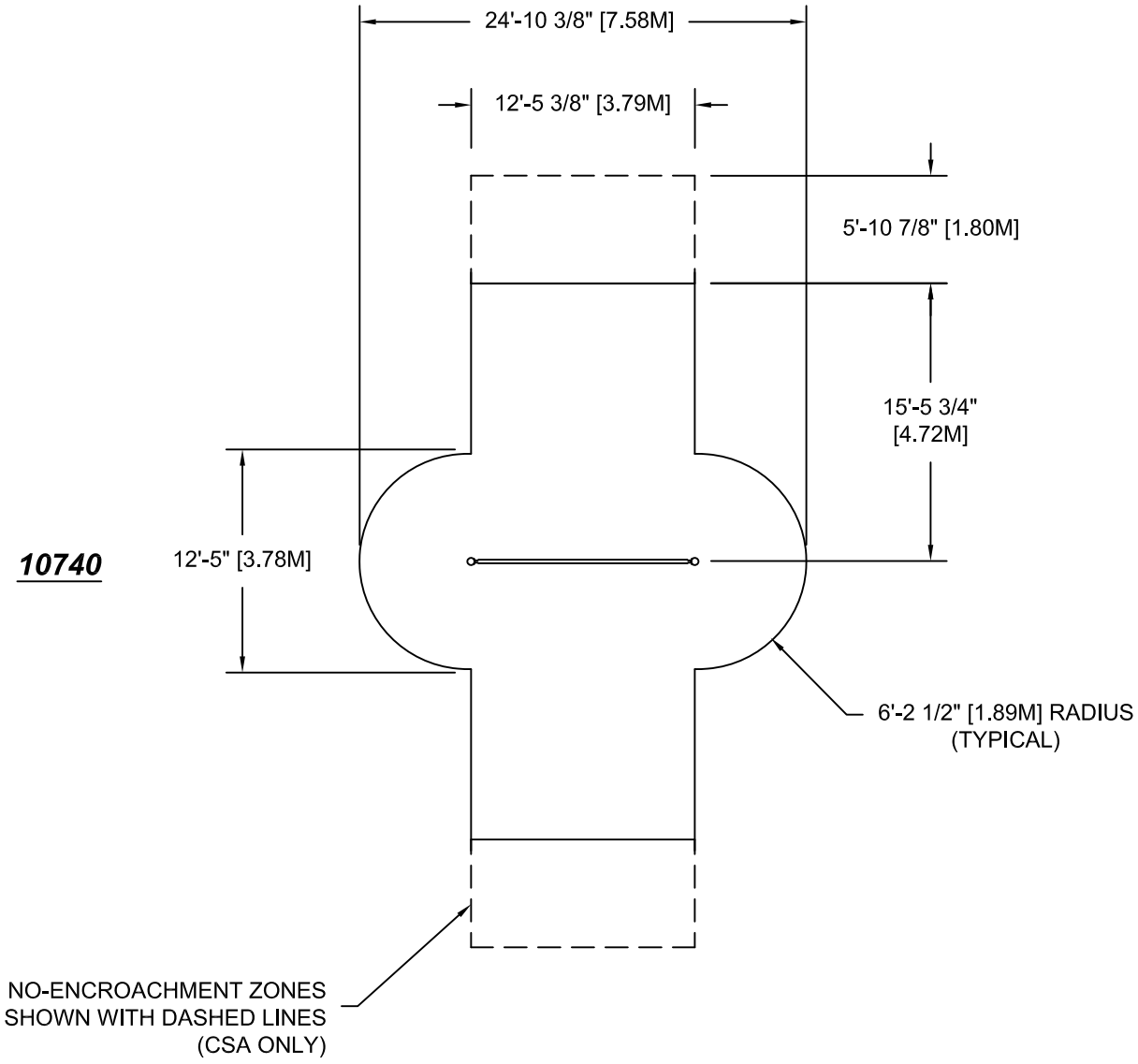
GROUND PLAN

81751

NOTE: Hole depths indicated on all ground plans are measurd from the finished surface. See Detail 005. All footing dimensions are based on level finished surface.

Concrete Required:
1.05 Cubic Yards
[.81 Cubic Meters]

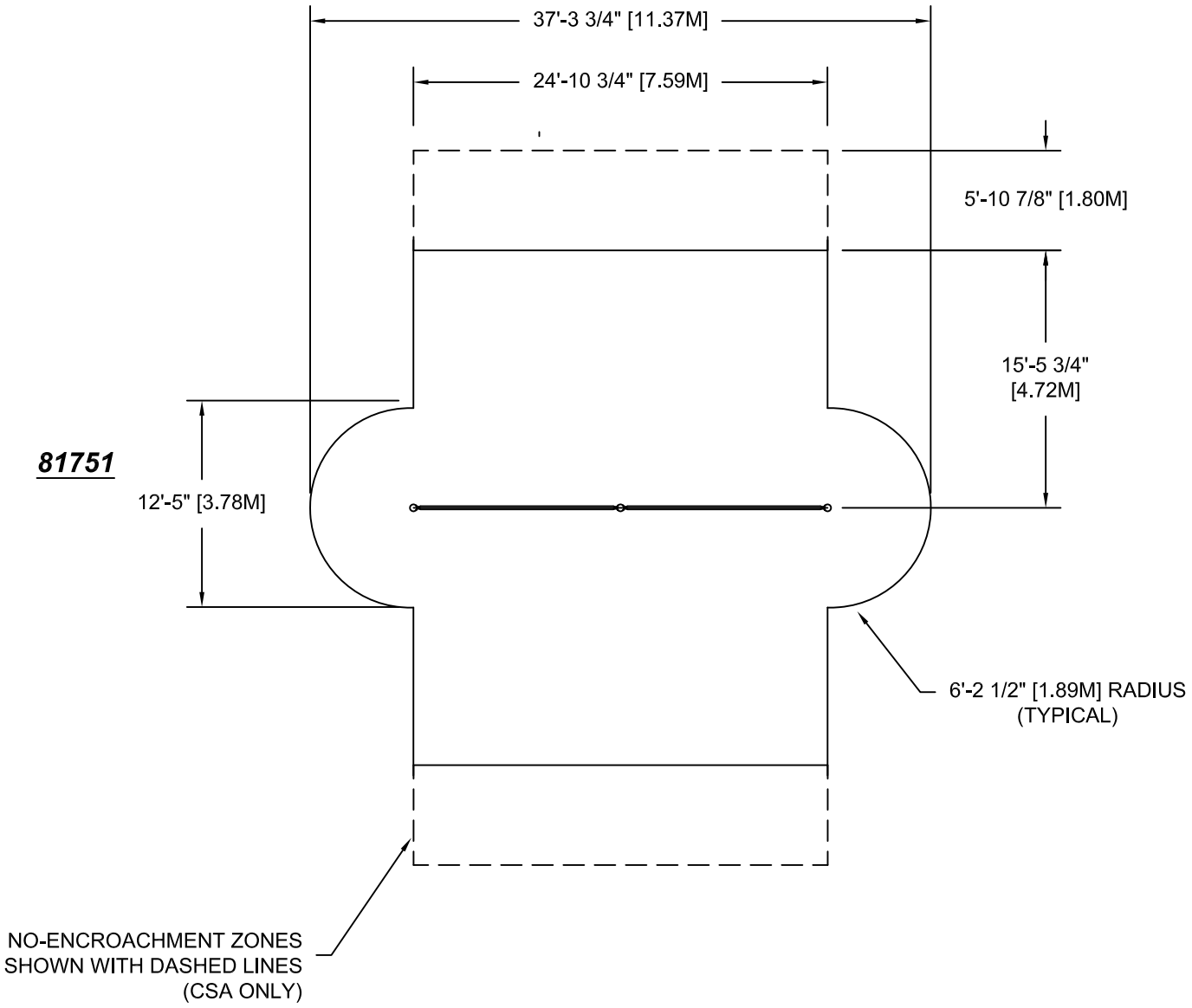
TOP VIEW



10740

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).

TOP VIEW



81751

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).

SPECIFICATIONS

POSTS: Shall be fabricated of 5" O.D. (7 Gauge) galvanized steel tubing.

TOP RAIL: Shall be fabricated of 3 1/2" O.D. (7 Gauge) steel tubing. Top rail also includes 1/4" thick HR steel tabs to attach posts.

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

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

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

STOP IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS STOP

☐ 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 INSTALLATION SHEETS AND INSTALLATION INSTRUCTIONS. THE INSTALLATION 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.

☐ Replace all worn S-Hooks. S-Hooks must be completely closed. To close S-Hooks properly, use GAMETIME® S-Hook Pliers. Failure to close S-Hooks properly can result in serious injury to the user. Never reuse S-Hooks.

☐ Test for free movement of swing hanger and other moving attached parts.

☐ Check for worn chains and replace them.

☐ Replace worn or damaged seats.

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

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

STEP 1: Dig holes according to the Ground Plan (see Detail 005 also). Place a brick or equivalent at the bottom of the hole to provide a solid foundation. Allow for this in hole depth (see Detail 005).

STEP 2: Attach toprail onto the posts and secure with 3/8" x 1 1/4" P.B.H.C.S., 3/8" flatwasher, 3/8" lockwasher and 3/8" hex nut (see Detail 187).

STEP 3: Set frame in holes, making sure that legs rest on foundation bricks. Check to ensure swing is level.

STEP 4: Fill holes with concrete per Detail 005. Plumb and brace assembly. Allow a minimum of 48 hours for concrete to harden before continuing.

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

STEP 5: Place swing hangers on toprail using Assembly Drawing for spacing. Hang seats per Installation Sheet for swing seats.

STEP 6: After assembly is complete, place manufacturer's I.D. label in a visible location.

PARTS LIST

REF. NO.	DESCRIPTION	NO. REQ'D		PART NUMBER
		10740	81751	
1	Single Post Swing Toprail	1	2	208758
2	Single Post Swing End Post	2	2	LG6545
3	Single Post Swing Center Post	0	1	LG6547
	Upright Cap	2	3	140200
	Hardware Complete	1	0	177876
	Hardware Complete	0	1	178673
4	Anchor Rod	4	6	156063*
	3/8" x 1-1/4" P.B.H.C.S. w/ Patch	8	16	812051*
	3/8" Lockwasher	8	16	817334*
	3/8" Flatwasher	8	16	817410*
	3/8" Flatwasher (1 1/4" O.D.)	8	16	817424*
	3/8" Locknut	8	16	804353*
	Pop rivet	4	6	137618*

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

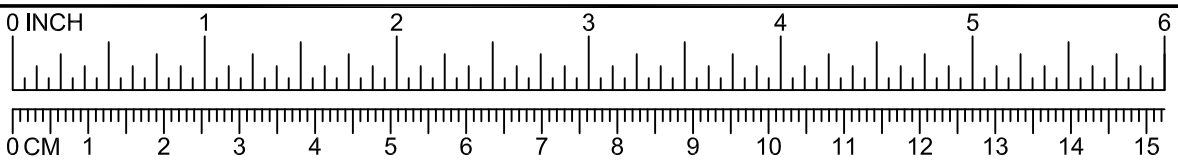
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Loctite (supplied by others) should be used on all threaded hardware.

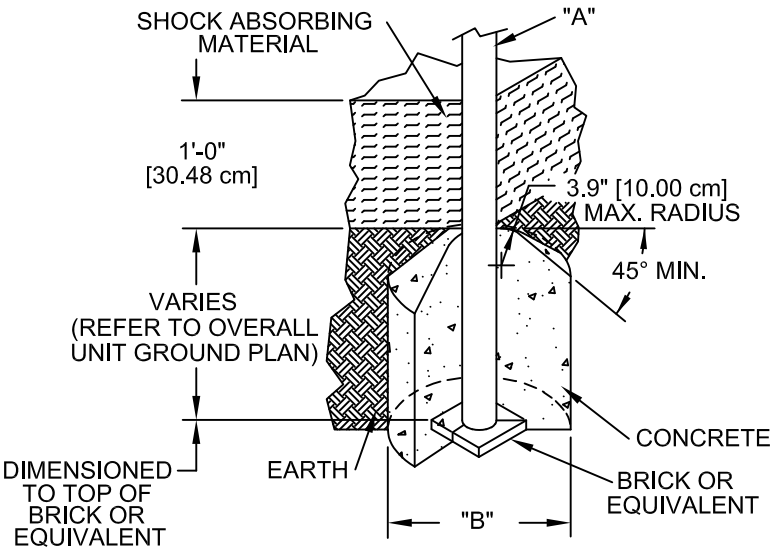
DETAILS -for-
10740 & 81751

IMPORTANT

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

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



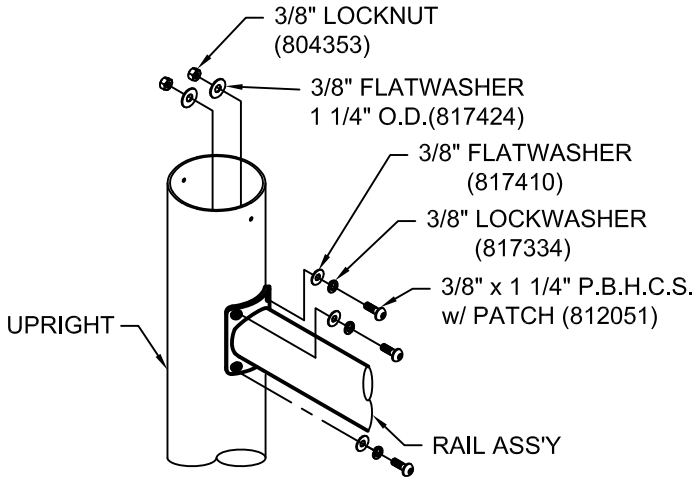


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS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

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

005

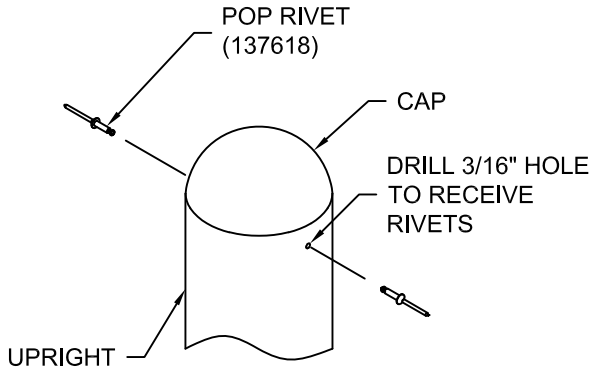
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN (817410) FLATWASHERS TO MATCH RADIUS OF PIPE.

TIGHTEN HARDWARE UNTIL (817424) FLATWASHERS FORMS TO INSIDE RADIUS OF PIPE.

187



188

PRIME TIME

A PLAYCORE COMPANY GameTime

Enriching Childhood Through Play

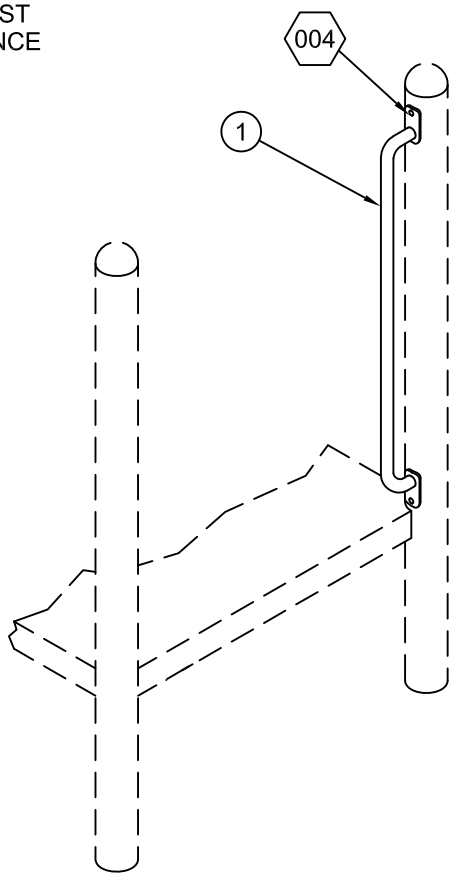
1-800-235-2440

ISSUED/REVISED: 06/7/17

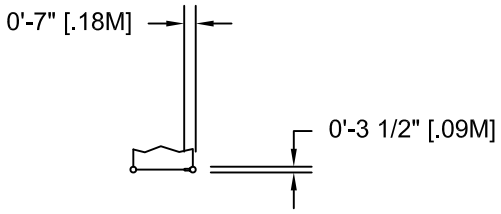
12055
HANDHOLD TRANSFER

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE



ASSEMBLY DRAWING



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

PARTS LIST

REF NO.	*DESCRIPTION*	*No. REQ'D*	*PART NUMBER*
1	Handhold	1	151345
	Hardware Complete	1	151404
	3/8" x 1 1/4" B.H.C.S.	2	811051*
	3/8" Lockwasher	2	817334*
	3/8" Flatwasher	2	817410*

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

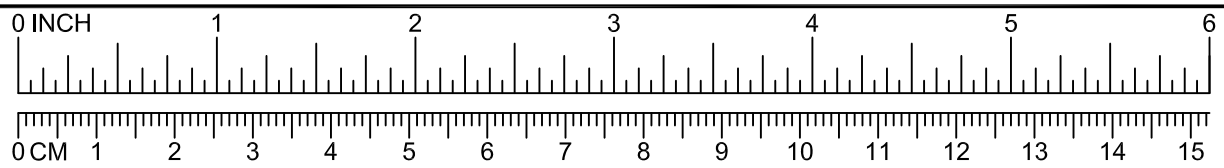
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

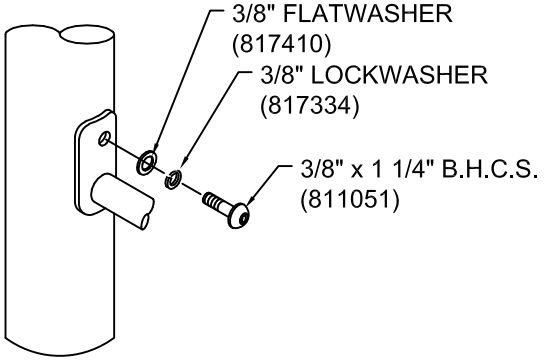
DETAILS -for-
12055

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.





004

PRIME TIME

A PLAYCORE COMPANY GameTime

Enriching Childhood Through Play

1-800-235-2440

ISSUED/REVISED: 1/24/18

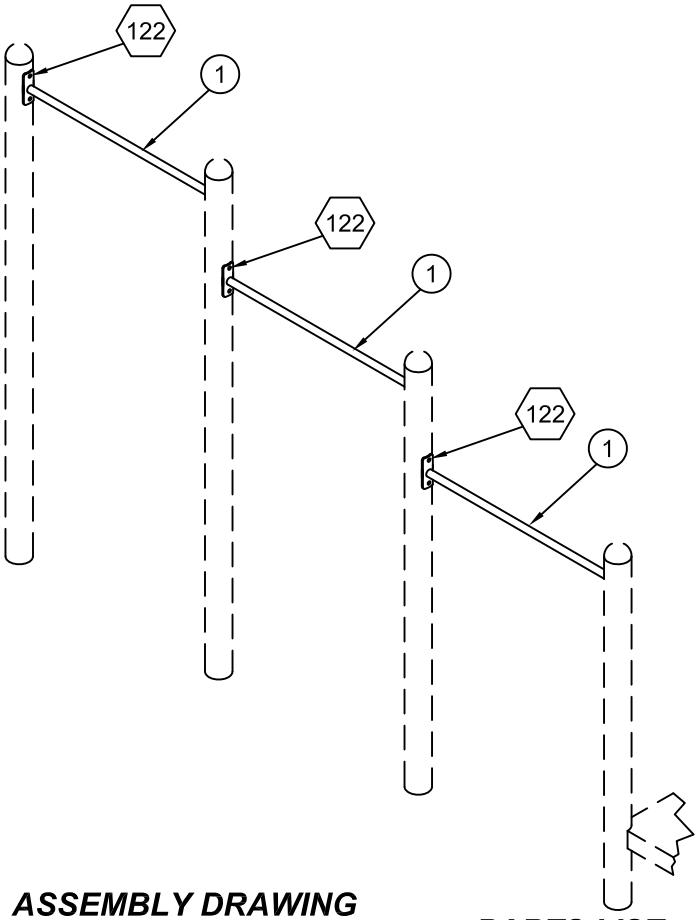
12201
CHINNING BARS

= INSTALLATION DETAIL

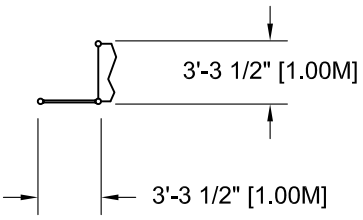
= PARTS LIST REFERENCE

COMPONENTS SHOWN UTILIZE ALUMINUM URIGHTS. FOR GALVANIZED, ADD "G" PREFIX TO FINAL NUMBER

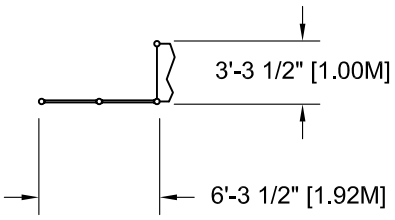
ONE-LEVEL	**12201**
TWO-LEVEL	**12202**
THREE-LEVEL	**12203**



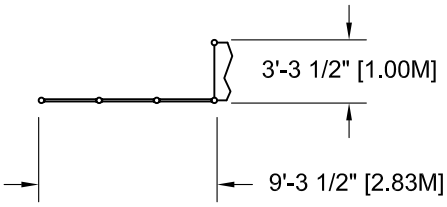
ASSEMBLY DRAWING



12201



12202



12203

TOP VIEWS

PARTS LIST

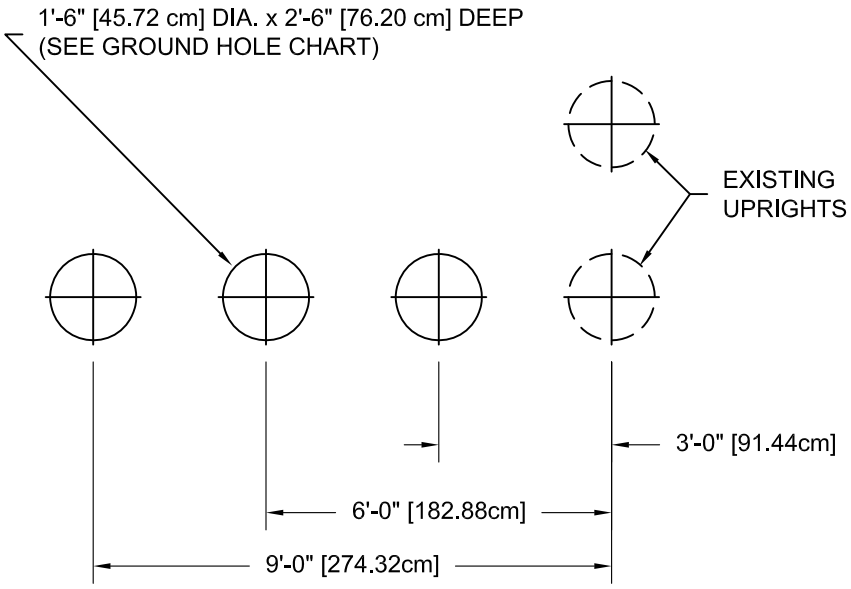
REF NO.	DESCRIPTION	No. REQUIRED 12201	12202	12203	PART NUMBER
1	Horizontal Rung	1	2	3	205945
	Upright Ass'y	SEE TOP VIEW OF YOUR MODULAR UNIT FOR PROPER UPRIGHT IDENTIFICATION			
	Hardware Complete	1	0	0	205946
	Hardware Complete	0	1	0	205947
	Hardware Complete	0	0	1	151924
	3/8" x 1 1/4" B.H.C.S.	4	8	12	811051*
	3/8" Lockwasher.	4	8	12	817334*
	3/8" Flatwasher.	4	8	12	817410*

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

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

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

PART NO.	QTY.
12201	1
12202	2
12203	3



GROUND PLAN

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

CONCRETE REQUIRED:

2'-6" [76.20cm] FOOTING DEPTH

12201
.10 CUBIC YARDS
[.07 CUBIC METERS]

12202
.20 CUBIC YARDS
[.15 CUBIC METERS]

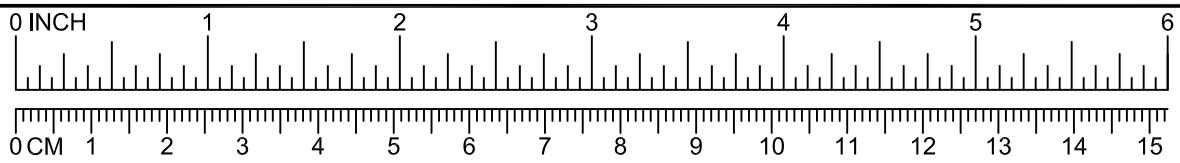
12203
.30 CUBIC YARDS
[.22 CUBIC METERS]

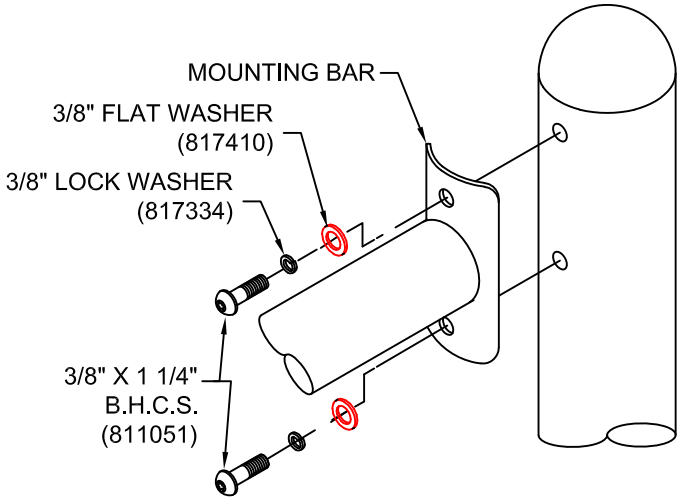
DETAILS -for-
12201, 12201, & 12203

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.





122

PRIME TIME

A PLAYCORE COMPANY GameTime

Enriching Childhood Through Play

1-800-235-2440

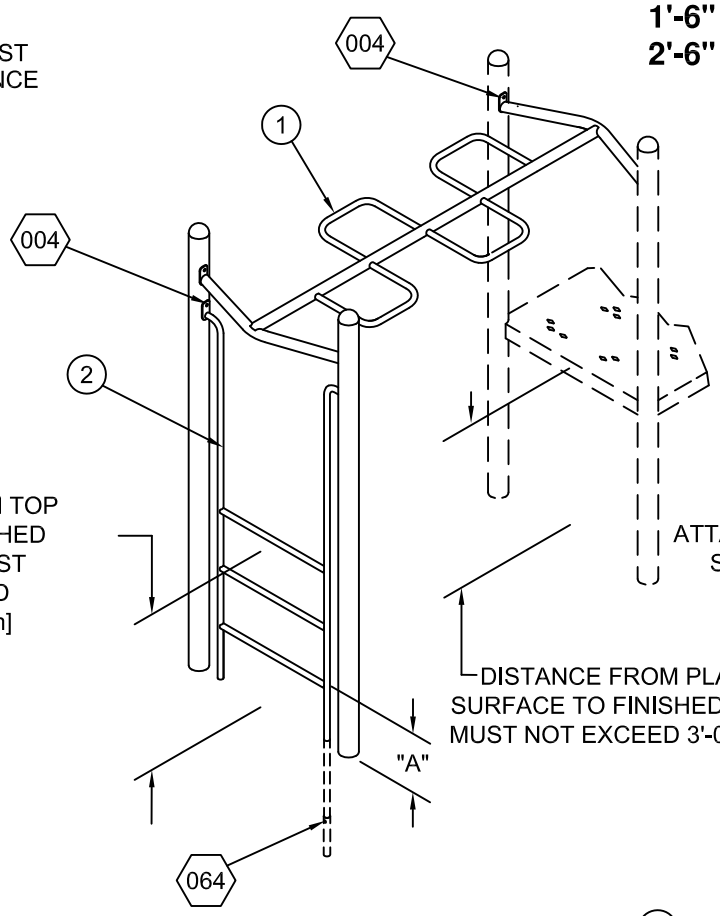
ISSUED/REVISED: 01/19/17

12205 OVERHEAD TREE CLIMBER

= INSTALLATION DETAIL

= PARTS LIST REFERENCE

1'-6" THRU 3' LINK	**12205**
1'-6" AND 2' ATTACHMENT	**12206**
2'-6" AND 3' ATTACHMENT	**12207**

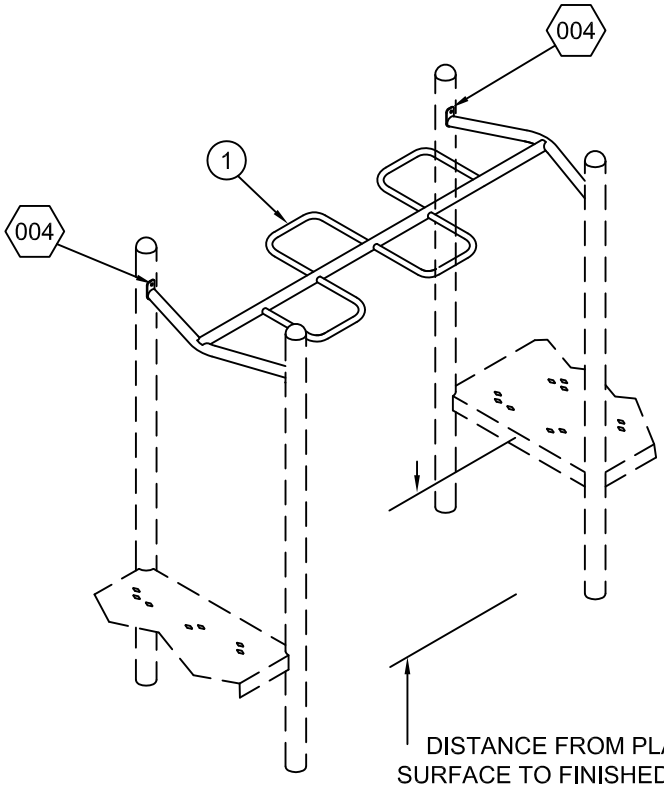


COMPONENT SHOWN UTILIZES ALUMINUM UPRIGHTS.
FOR GALVANIZED, ADD "G" PREFIX TO FINAL NUMBER.

DISTANCE FROM TOP RUNG TO FINISHED SURFACE MUST NOT EXCEED 3'-0" [91.44cm]

12207 ATTACHMENT SHOWN

DISTANCE FROM PLATFORM SURFACE TO FINISHED SURFACE MUST NOT EXCEED 3'-0" [91.44cm]



12205 LINK

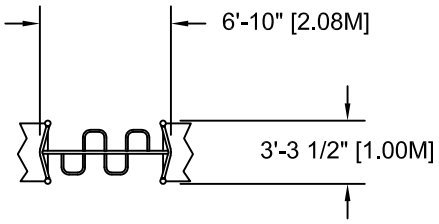
DISTANCE FROM PLATFORM SURFACE TO FINISHED SURFACE MUST NOT EXCEED 3'-0" [91.44cm]

Deck Height	Dim "A"
1'-6" & 2'-6"	0'-6" [15.24cm]
2'-0" & 3'-0"	1'-0" [30.48cm]

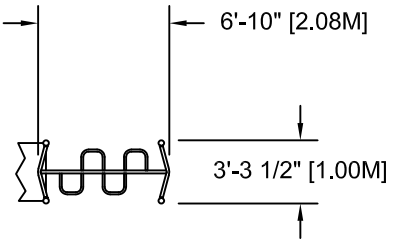
INSTALLATION INSTRUCTIONS

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

ASSEMBLY DRAWINGS

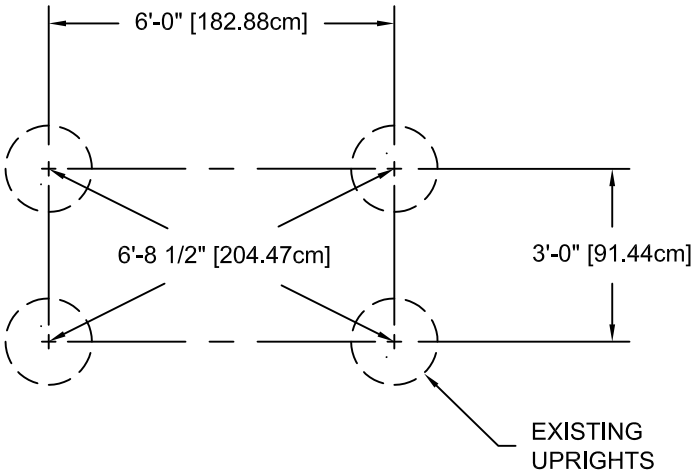


12205



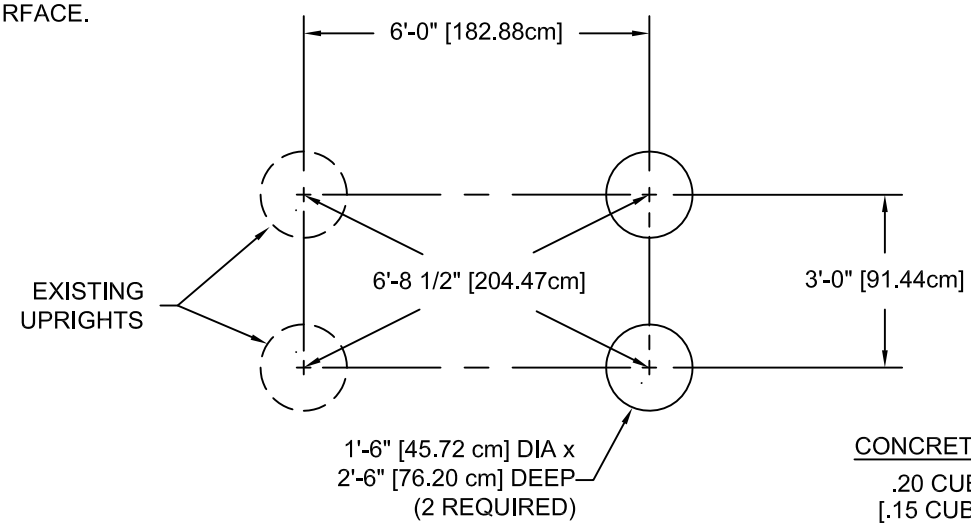
12206/12207

TOP VIEWS



12205

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



CONCRETE REQUIRED:

.20 CUBIC YARDS
[.15 CUBIC METERS]

12206/12207

GROUND PLANS

PARTS LIST

REF. NO.	*DESCRIPTION*	*No. REQ'D.*			*PART NUMBER*
		12205	*12206*	*12207*	
1	Over Head Tree Climber	1	1	1	156699
2	Vertical Ladder (Long)	0	0	1	151039
2	Vertical Ladder (Short)	0	1	0	151138
	Upright	See Top View of Your Modular Unit for Proper Upright Identification			
	Upright				
	Hardware Complete	1	0	0	212830
	Hardware Complete	0	1	1	152111
	3/8" x 1 1/4" B.H.C.S.	4	6	6	811051*
	3/8" x 2" Hex Bolt	0	2	2	801007*
	3/8" Lockwasher	4	8	8	817334*
	3/8" Hex Nut	0	2	2	804053*
	3/8" Flatwasher	4	6	6	817410*
	Extension Leg	0	2	2	152110*

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

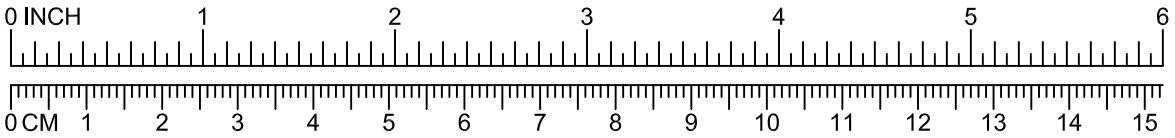
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

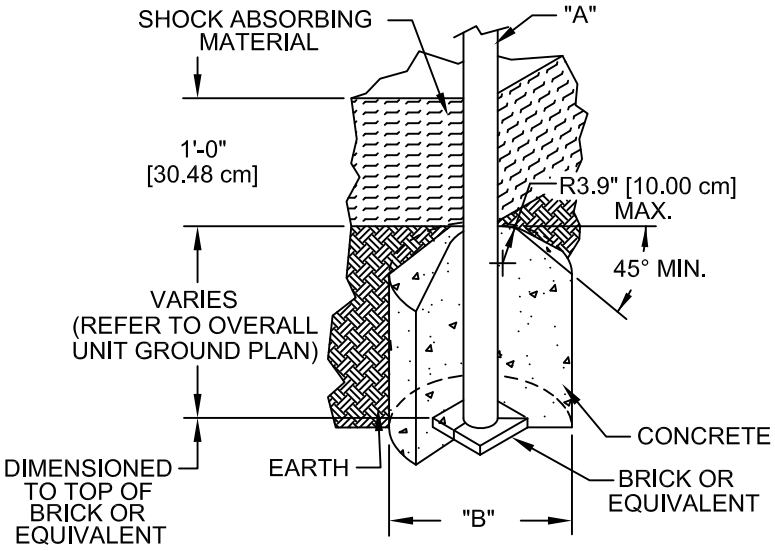
DETAILS -for-
12205, 12206, 12207

IMPORTANT

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

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



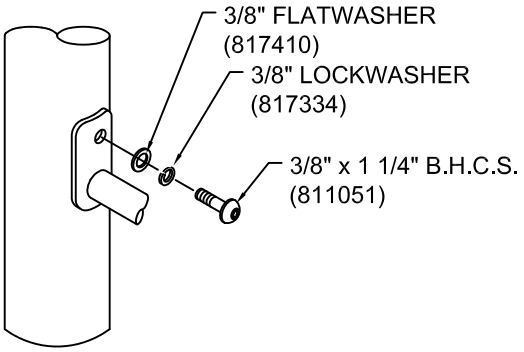


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
ARCH SWING	
3 1/2" [8.89 cm]	2'-0" [60.96 cm]

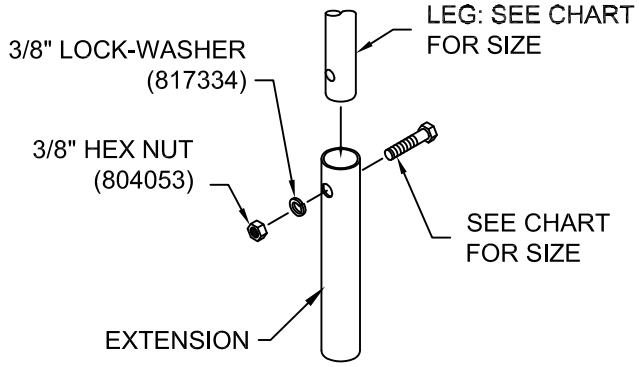
NOTES:
-SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
-SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

005

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



004



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" [6.0 cm]	**3/8" x 3" HEX HEAD (801011)**
2 3/8" [6.0 cm]	**3/8" x 3 1/2" HEX HEAD (801013)**

064

PRIME TIME

A PLAYCORE COMPANY GameTime

Enriching Childhood Through Play℠

1-800-235-2440

ISSUED/REVISED: 03/28/2022

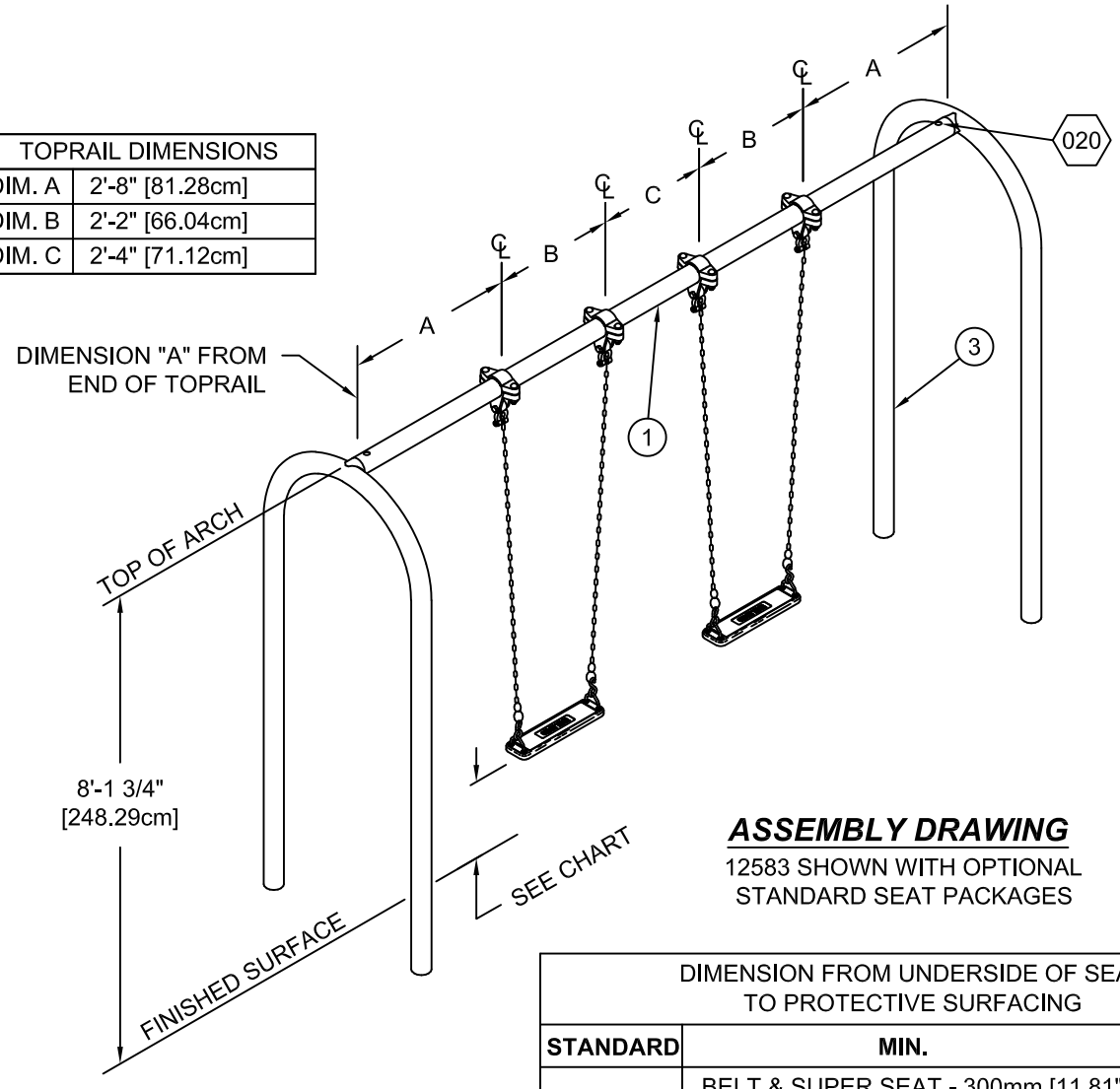
12583
ADA PRIMETIME SWING

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

NOTE: 12583 FREESTANDING
12584 ADD-A-BAY

TOPRAIL DIMENSIONS	
DIM. A	2'-8" [81.28cm]
DIM. B	2'-2" [66.04cm]
DIM. C	2'-4" [71.12cm]



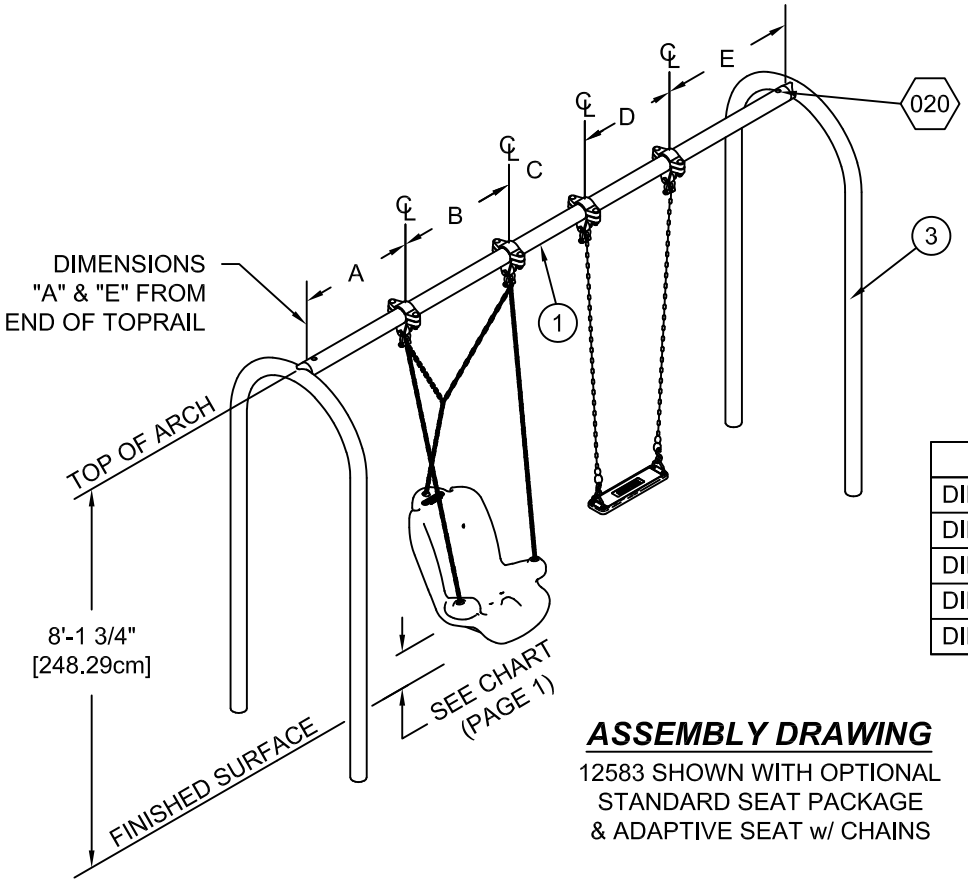
ASSEMBLY DRAWING

12583 SHOWN WITH OPTIONAL STANDARD SEAT PACKAGES

DIMENSION FROM UNDERSIDE OF SEAT TO PROTECTIVE SURFACING		
STANDARD	**MIN.**	**MAX.**
CANADIAN	BELT & SUPER SEAT - 300mm [11.81"] ENCLOSED TOT SEAT - 600mm [23.62"]	N/A
ASTM	BELT & SUPER SEAT - 12" [305mm] ENCLOSED TOT SEAT - 24" [610mm]	N/A
BS EN	350 mm [13.77"]	N/A
CPSC	BELT & SUPER SEAT - 12" [305mm] ENCLOSED TOT SEAT - 24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

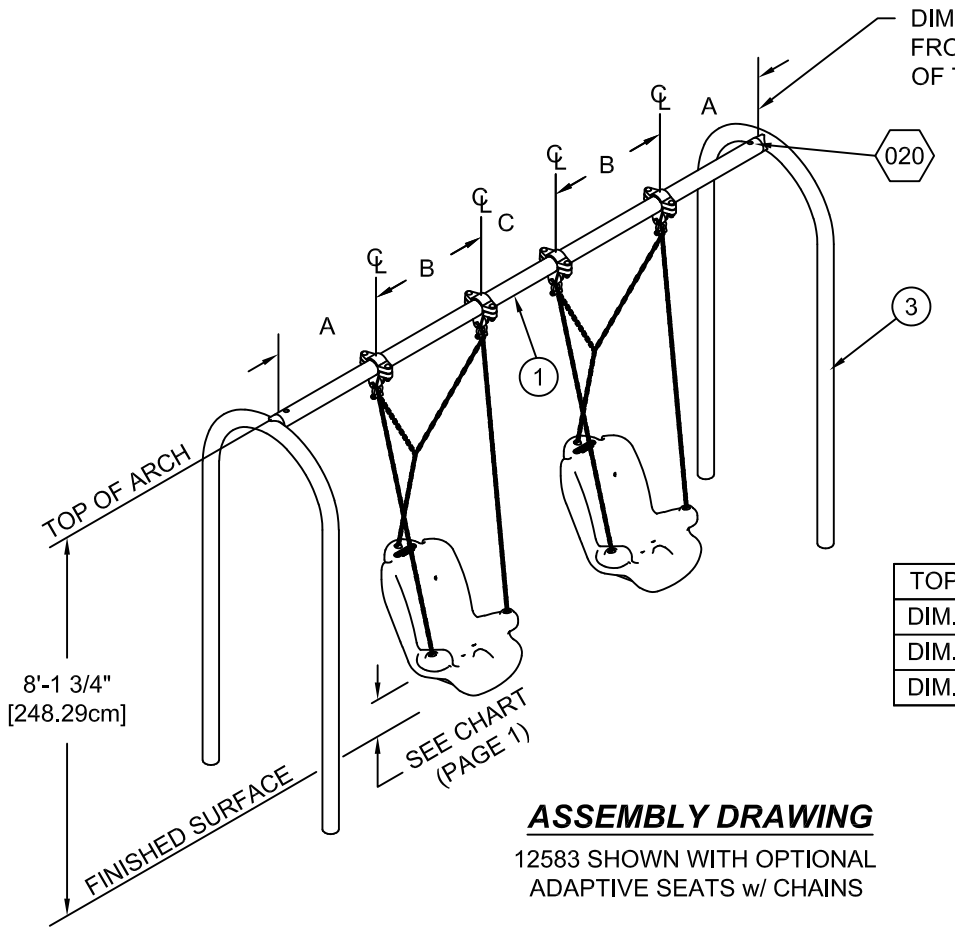
NOTE: SWING SEAT PACKAGES SHOWN ON ASSEMBLY DRAWINGS NOT INCLUDED. SHOWN FOR ILLUSTRATION ONLY.



TOPRAIL DIMENSIONS	
DIM. A	2'-6" [73.66cm]
DIM. B	2'-8" [81.28cm]
DIM. C	2'-2" [66.04cm]
DIM. D	2'-2" [66.04cm]
DIM. E	2'-6" [76.20cm]

ASSEMBLY DRAWING

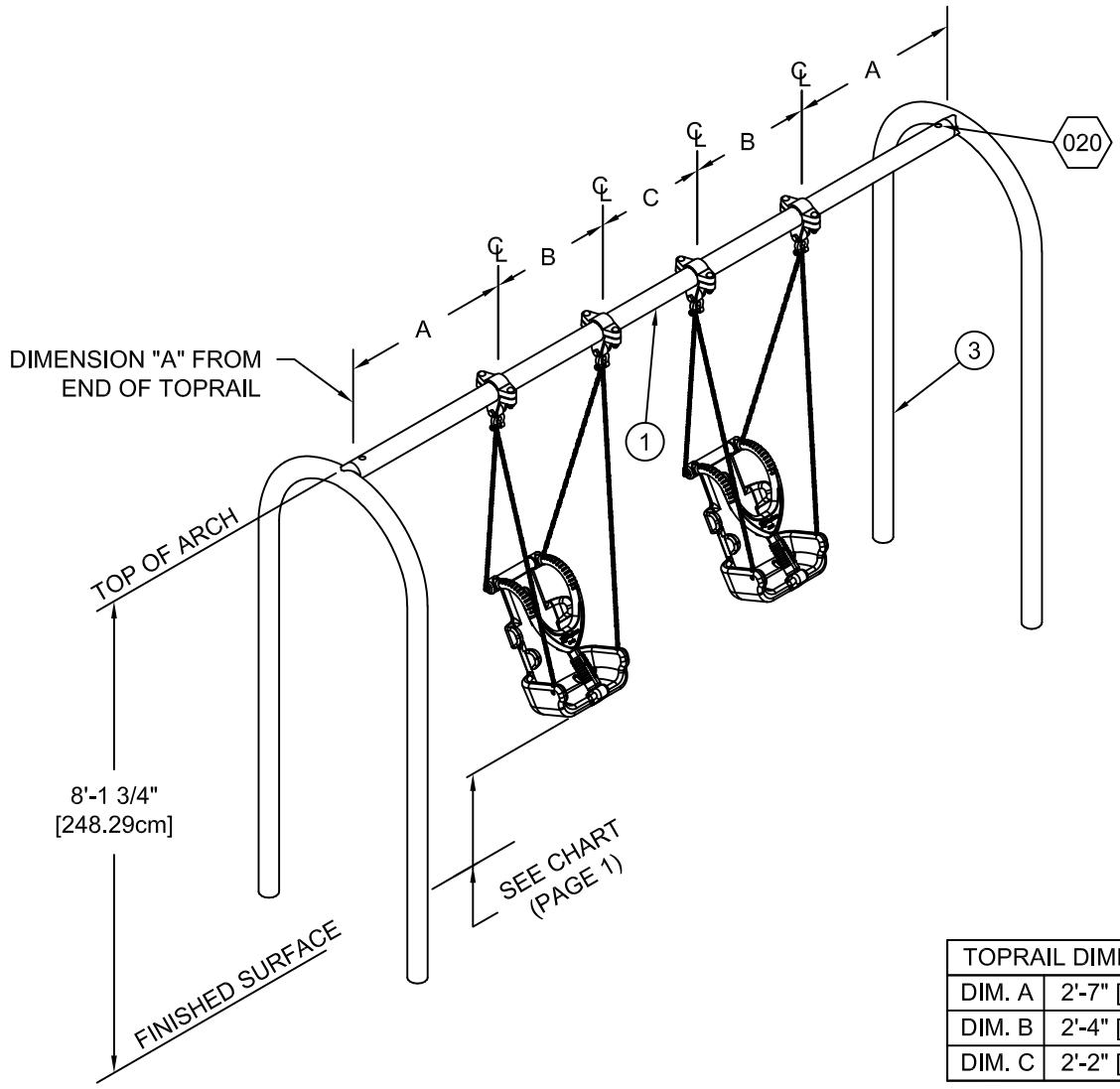
12583 SHOWN WITH OPTIONAL
STANDARD SEAT PACKAGE
& ADAPTIVE SEAT w/ CHAINS



TOPRAIL DIMENSIONS	
DIM. A	2'-5" [73.66cm]
DIM. B	2'-8" [81.28cm]
DIM. C	1'-10" [55.88cm]

ASSEMBLY DRAWING

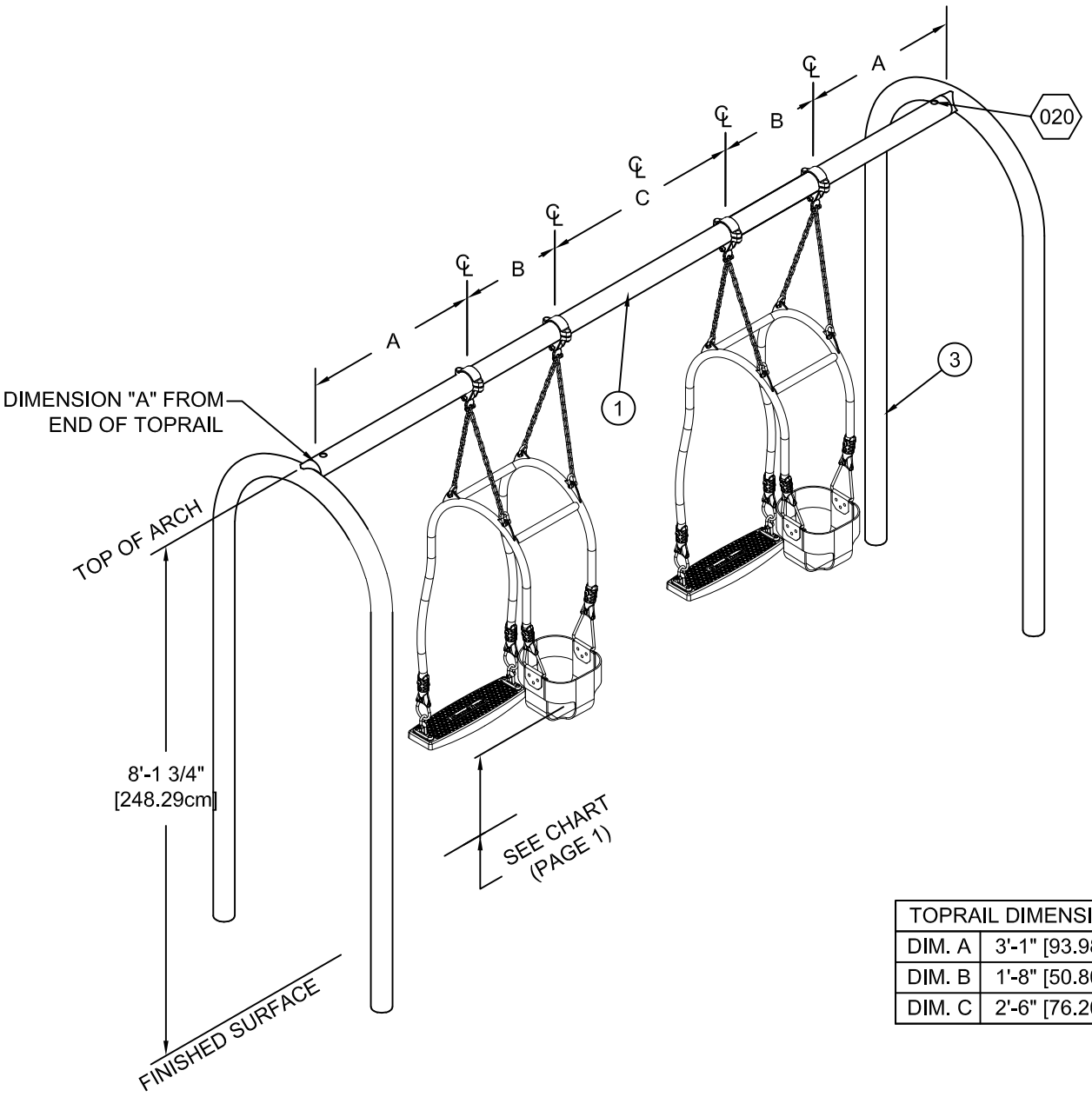
12583 SHOWN WITH OPTIONAL
ADAPTIVE SEATS w/ CHAINS



TOPRAIL DIMENSIONS	
DIM. A	2'-7" [78.74cm]
DIM. B	2'-4" [71.12cm]
DIM. C	2'-2" [66.04cm]

ASSEMBLY DRAWING

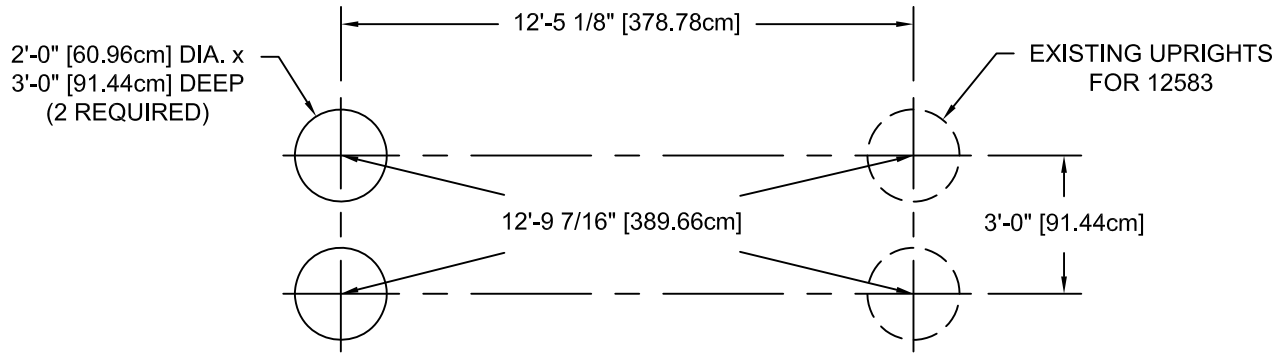
12583 SHOWN WITH OPTIONAL
ZERO-G CHAIRS



TOPRAIL DIMENSIONS	
DIM. A	3'-1" [93.98cm]
DIM. B	1'-8" [50.80cm]
DIM. C	2'-6" [76.20cm]

ASSEMBLY DRAWING

12583 SHOWN WITH OPTIONAL
EXPRESSION SWINGS

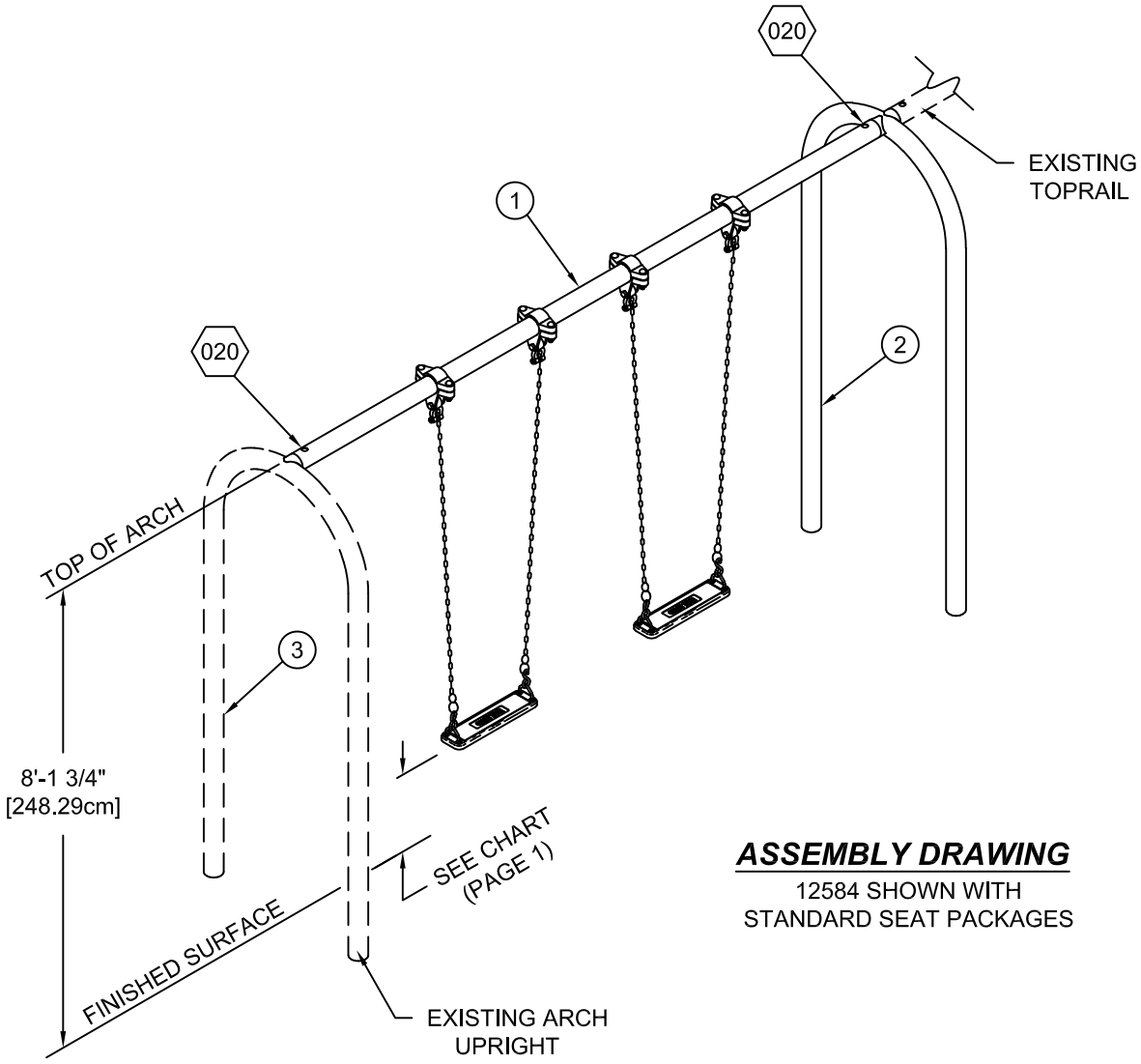


GROUND PLAN

NOTE: Hole depths indicated on all ground plans are measurd from the finished surface. See Detail 005. All footing dimensions are based on level finished surface.

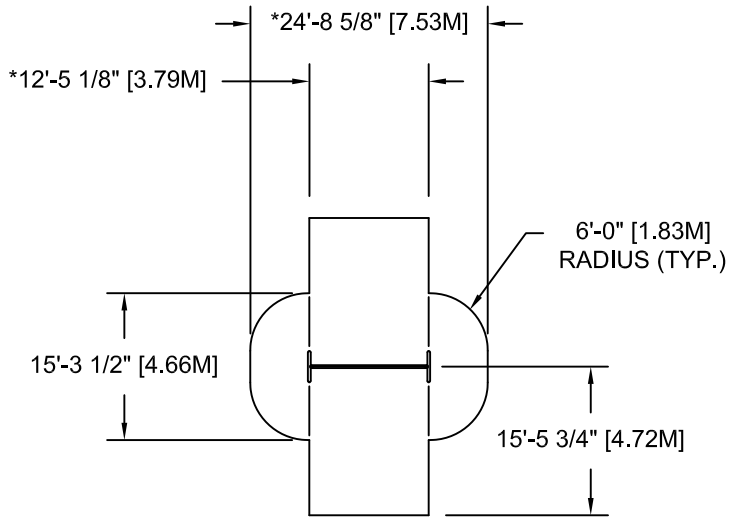
Concrete Required - 12583:
.92 Cubic Yards
[.70 Cubic Meters]

Concrete Required -12584:
.46 Cubic Yards
[.35 Cubic Meters]



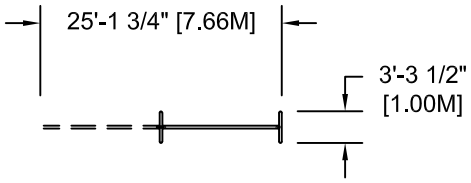
ASSEMBLY DRAWING

12584 SHOWN WITH
STANDARD SEAT PACKAGES

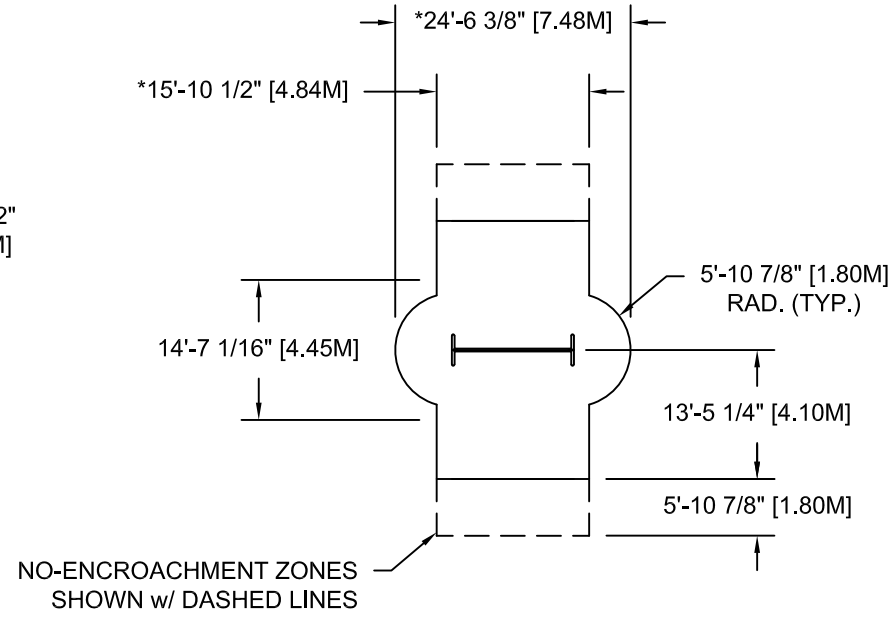


TOP VIEWS

12583



12584



12583 (CSA ONLY)

NOTE:
1. OWNER/OPERATOR SHALL INSTALL AND MAINTAIN PROTECTIVE SURFACING WITHIN THE USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) OF ALL PLAY EQUIPMENT TO COMPLY WITH ASTM F-1292 AND ASTM F-1487 (U.S.) or CAN/CSA-Z-614 (CANADA).
2. SOLID OUTSIDE BORDER REPRESENTS MINIMUM REQUIRED ASTM USE ZONE AND CSA PROTECTIVE SURFACING ZONE FOR SWING FRAME SHOWN.
3. DASHED LINES REPRESENT CSA *NO ENCROACHMENT* ZONE (CANADA ONLY).
4. *EACH ADDITIONAL CONNECTED SWING FRAME BAY INCREASES THE USE ZONE SURFACING, AND *NO ENCROACHMENT* ZONE DIMENSIONS BY 12'-5 1/8" [3.79M].

SPECIFICATIONS

TOPRAIL AND ARCH: Shall be fabricated of 3-1/2" O.D. (11 Gauge) galvanized steel tubing. Arch includes a welded 3-1/8" O.D. galvanized steel sleeve to which the toprail is fastened.

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

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

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

STOP IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS STOP

☐ 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 INSTALLATION SHEETS AND INSTALLATION INSTRUCTIONS. THE INSTALLATION 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.

☐ Replace all worn S-Hooks. S-Hooks must be completely closed. To close S-Hooks properly, use GAMETIME® S-Hook Pliers. Failure to close S-Hooks properly can result in serious injury to the user. Never reuse S-Hooks.

☐ Test for free movement of swing hanger and other moving attached parts.

☐ Check for worn chains and replace them.

☐ Replace worn or damaged seats.

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

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

STEP 1: Dig holes according to the Ground Plan (see Detail 005 also). Place a brick or equivalent at the bottom of the hole to provide a solid foundation. Allow for this in hole depth (see Detail 005).

STEP 2: Insert toprail onto socket on the arch and secure with 1/2" x 4" hex head bolt, 1/2" flatwasher, 1/2" lockwasher and 1/2" hex nut. Bolt head should recess inside oversize hole as shown in Detail 020.

STEP 3: Set frame in holes, making sure that legs rest on foundation bricks. Check to ensure swing is level.

STEP 4: Fill holes with concrete per Detail 005. Plumb and brace assembly. Allow a minimum of 48 hours for concrete to harden before continuing.

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

STEP 5: Place swing hangers on toprail using Assembly Drawing for spacing. Hang seats per Installation Sheet for swing seats.

STEP 6: After assembly is complete, place manufacturer's I.D. label in a visible location.

PARTS LIST

REF. NO.	*DESCRIPTION*	*NO. REQ'D*		*PART NUMBER*
		12583	*12584*	
1	3-1/2" O.D. Toprail	1	1	168622
2	Multi-Bay Arch Upright Ass'y	0	1	152805
3	Arch End Upright Ass'y	2	0	152803
	Hardware Complete	1	1	152821
	1/2" x 4" Hex Bolt	2	2	801215*
	1/2" Lockwasher	2	2	817342*
	1/2" Hex Nut	2	2	804055*
	1/2" Flatwasher	2	2	817412*
	Manufacturer I.D. Label	1	1	159151*

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

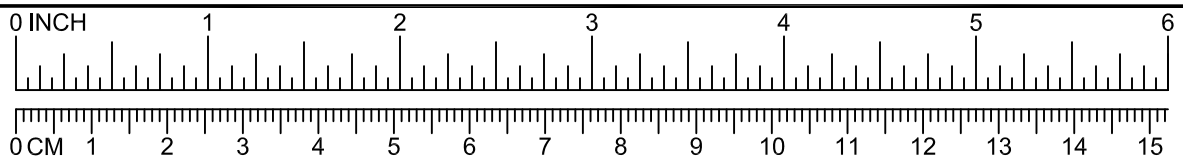
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Loctite (supplied by others) should be used on all threaded hardware.

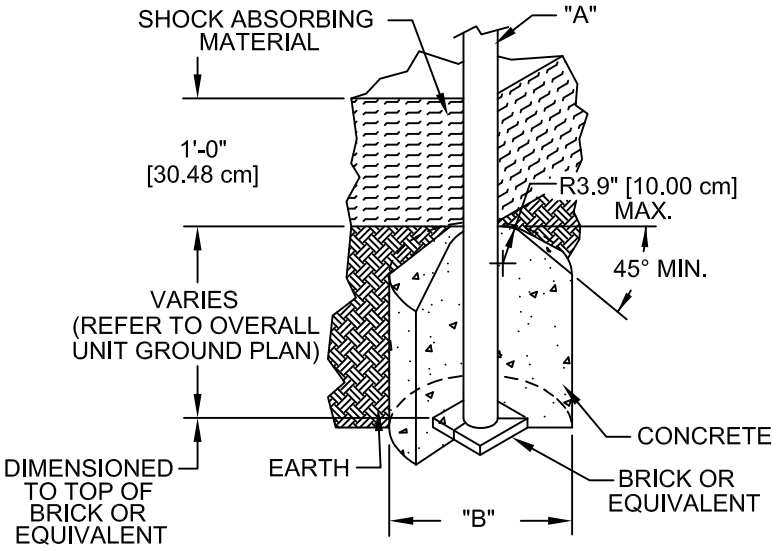
DETAILS -for-
12583 & 12584

IMPORTANT

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

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





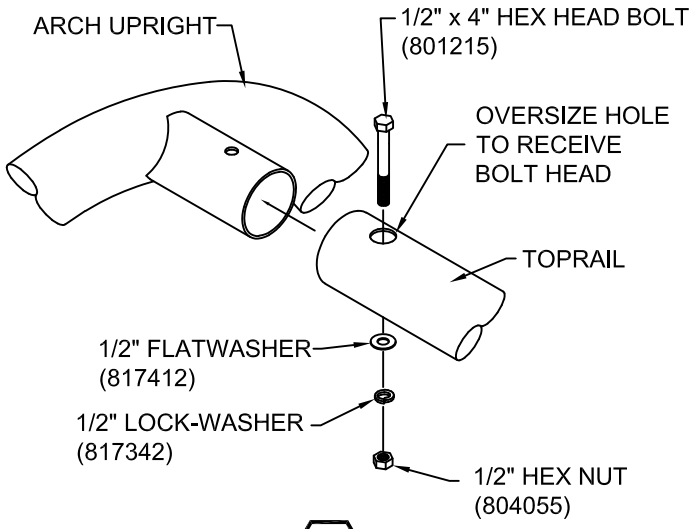
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
ARCH SWING	
3 1/2" [8.89 cm]	2'-0" [60.96 cm]

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

005

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

NOTE: PEEN FLATWASHERS AFTER INSTALLATION TO MATCH RADIUS OF TOPRAIL.



020

PRIME TIME®

A PLAYCORE COMPANY GameTime®

Enriching Childhood Through Play℠

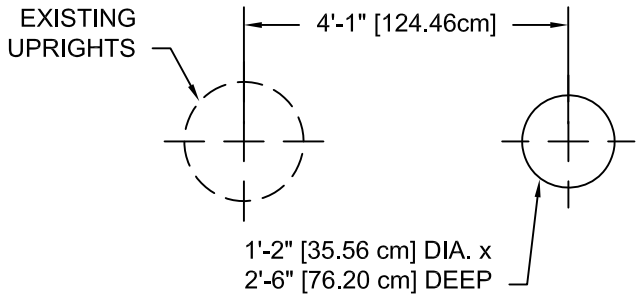
1-800-235-2440

ISSUED/REVISED: 01/26/18

12729 TURNING BAR

⬡ = INSTALLATION DETAIL

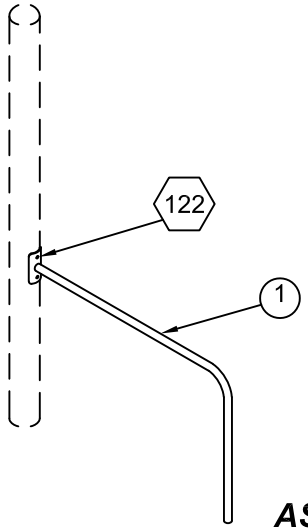
◯ = PARTS LIST REFERENCE



GROUND PLAN

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

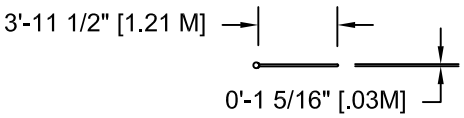
NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE DETAIL 005.
ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



ASSEMBLY DRAWING

INSTALLATION INSTRUCTIONS

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



TOP VIEW

PARTS LIST

REF NO.	DESCRIPTION	No. REQ'D	PART NUMBER
1	Turning Bar	1	160401
	Hardware Complete	1	151404
	3/8" x 1 1/4" B.H.C.S.	2	811051*
	3/8" Lockwasher	2	817334*
	3/8" Flatwasher	2	817410*

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

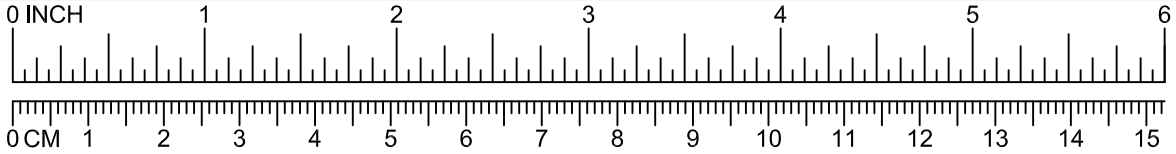
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

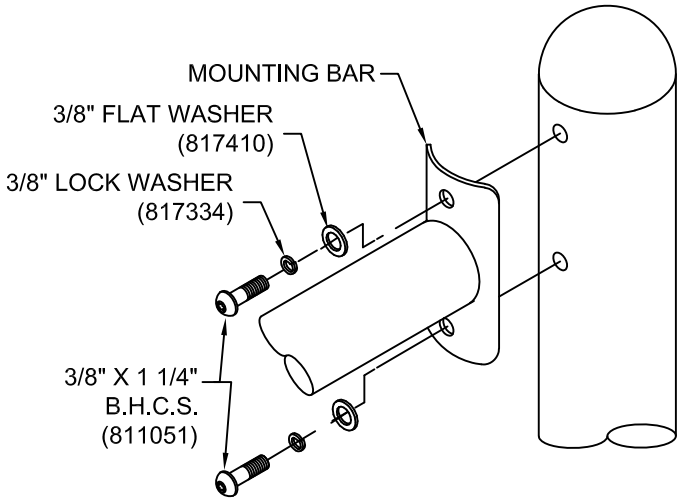
DETAILS -for-
12729

IMPORTANT

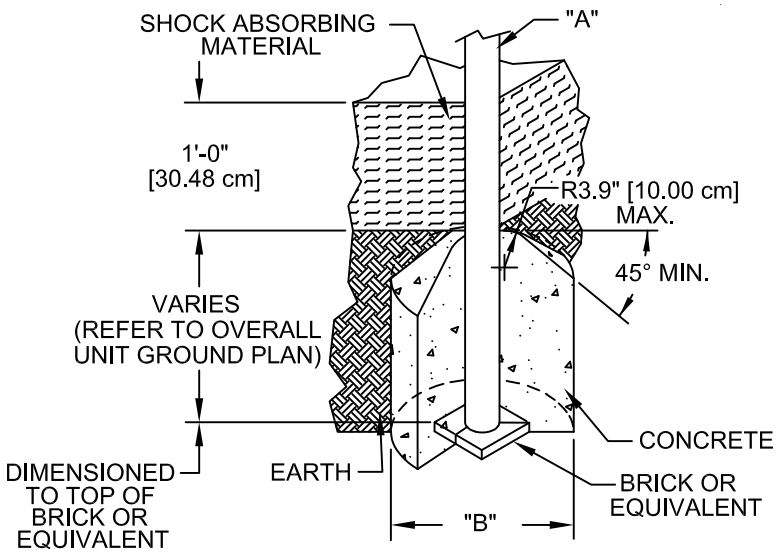
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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





122



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]
ARCH SWING	
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

005

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

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1-800-235-2440

14926

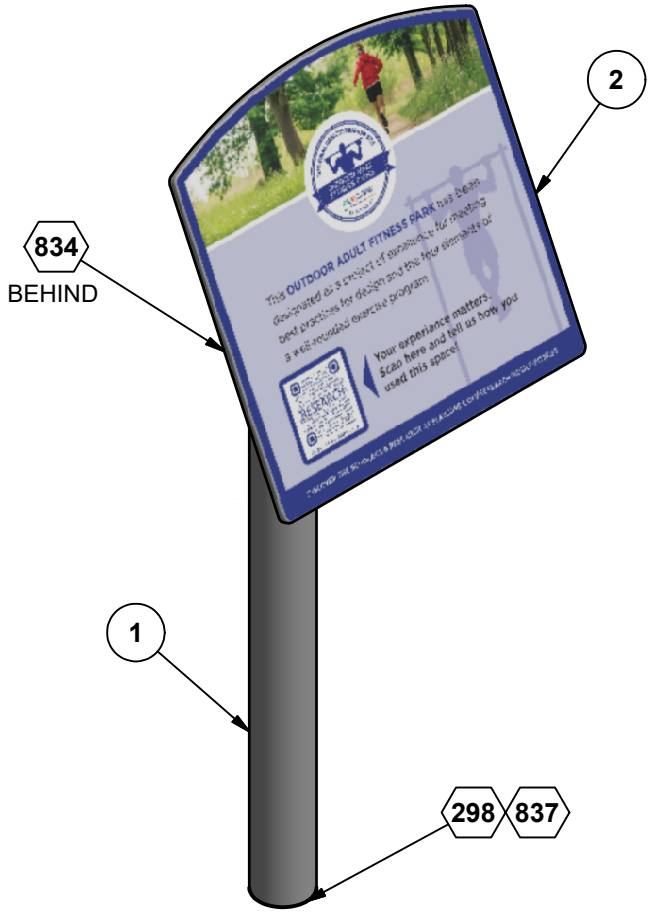
NATIONAL DEMONSTRATION SITE SIGN PACKAGE

ISSUED/REVISED: 2/15/19

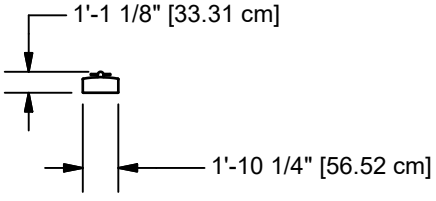
⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

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



ASSEMBLY VIEW

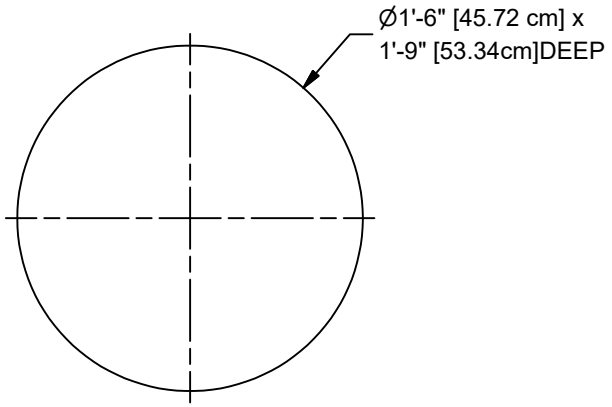


TOP VIEW

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

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

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.



GROUND PLAN

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

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

INSTALLATION INSTRUCTIONS

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

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

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

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

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

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

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

SPECIFICATIONS

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

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

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

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

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

IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS

☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.

☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.

☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.

☐ Equipment should be placed to eliminate conflicting traffic patterns.

☐ To reduce risk of clothing entanglement in compliance with ASTM F1487, any bolt end protuding 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 fron and back. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

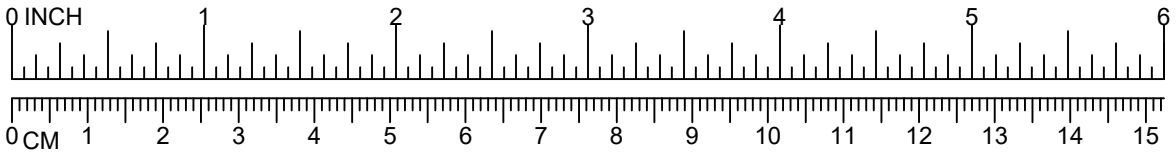
DETAILS -for-
14926-14930

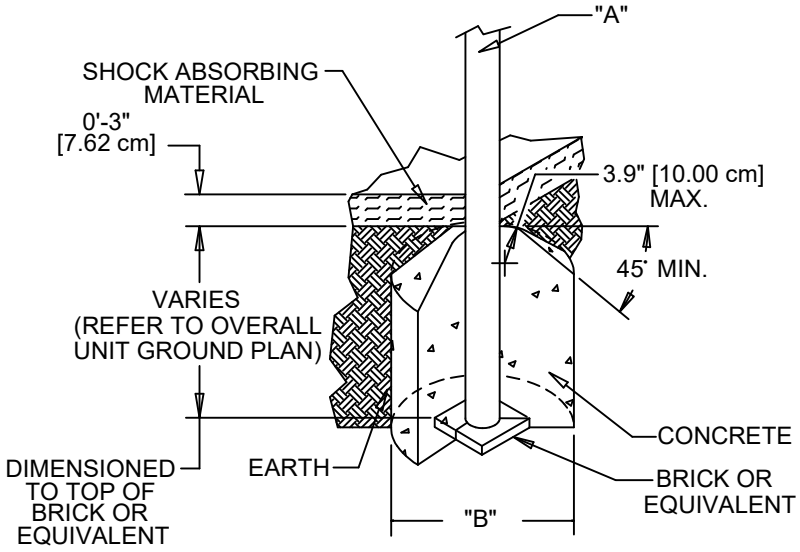
*I*MPORTANT

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

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

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

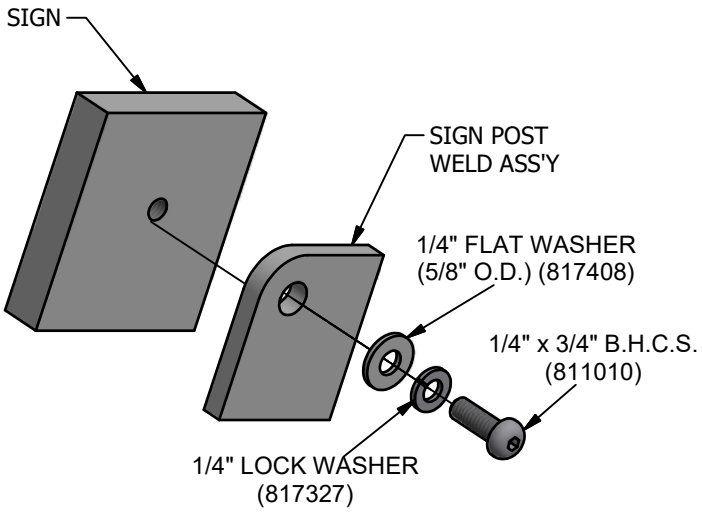




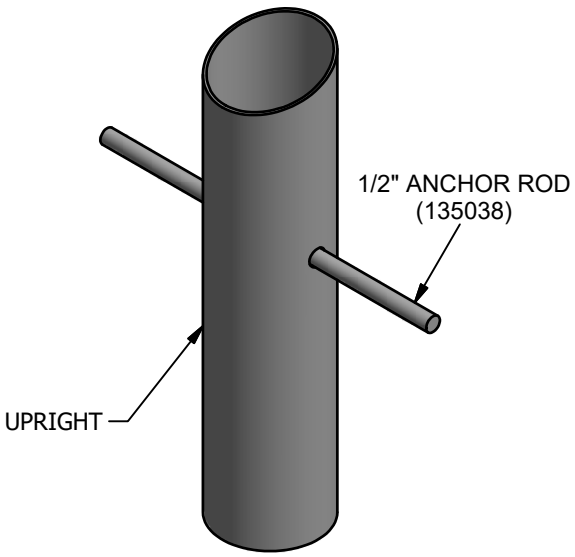
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]

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

298



834



837

NEW! POWERSCAPE® PLUS

A PLAYCORE COMPANY GameTime®

Enriching Childhood Through Play™

1-800-235-2440

ISSUED/REVISED: 08/30/2021

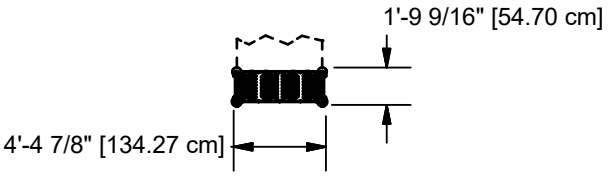
16465 ADA SLIDE TRANSFER PLATFORM

⬡ = INSTALLATION DETAIL

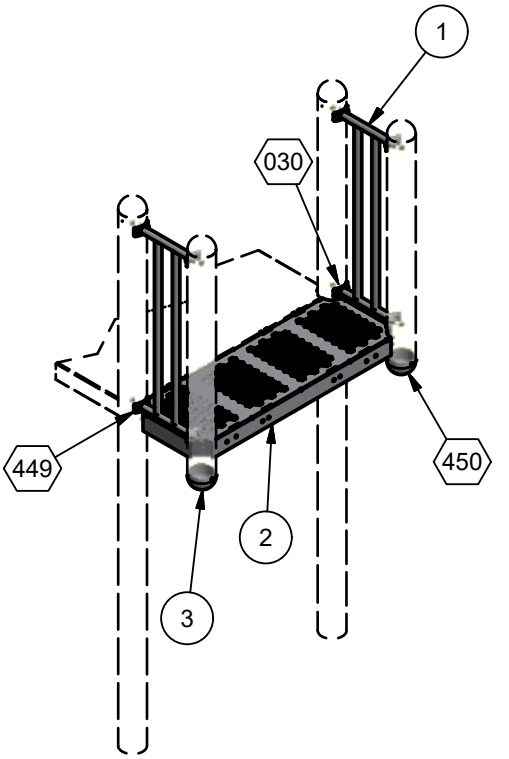
◯ = PARTS LIST REFERENCE

INSTALLATION INSTRUCTIONS

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



TOP VIEW



ASSEMBLY DRAWING

Parts List			
ITEM	DESCRIPTION	QTY	PART NUMBER
1	HANDRAIL	2	176344
2	PLATFORM	1	V10054
3	ALUMINUM END CAP	2	166376
	*********HARDWARE COMPLETE**********	1	200649
	3/8" x 1 1/2" P.B.H.C.S.	8	810053
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	16	812053
	3/8" FLAT WASHER (1 1/4" O.D.)	8	817424
	3/8" LOCK WASHER	24	817334
	SELF SEALING POP-RIVET	4	140068
	3/8" FLAT WASHER	16	817410

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

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

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

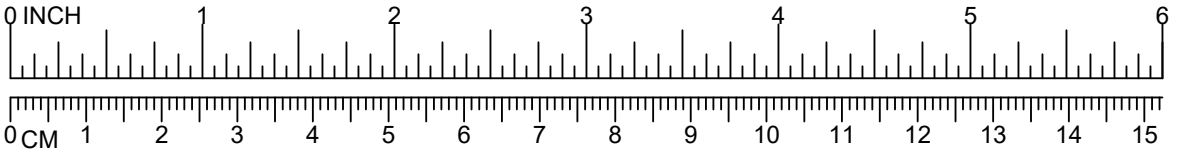
DETAILS -for-
16465

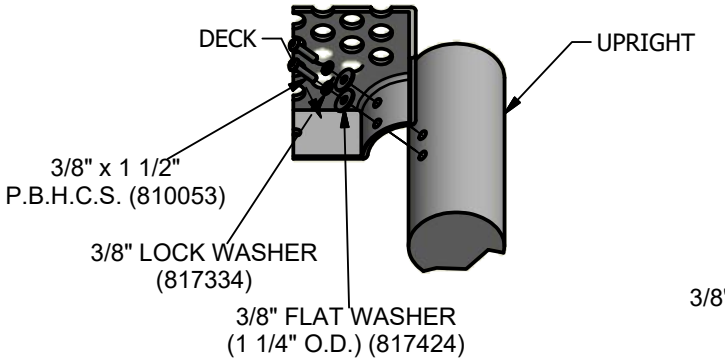
IMPORTANT

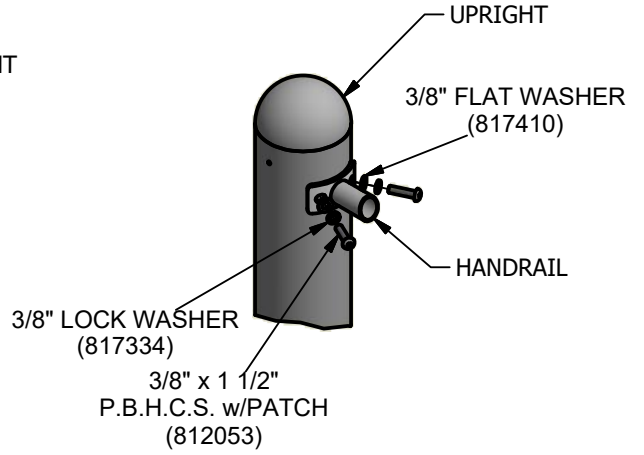
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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

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





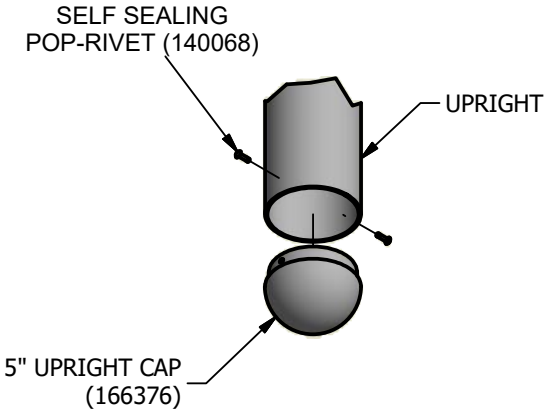


*NOTE:
BOLTS SHOULD BE TORQUED FROM 20-25 FT. LBS. FOR PROPER INSTALLATION.

030

449

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



450

PowerScape®

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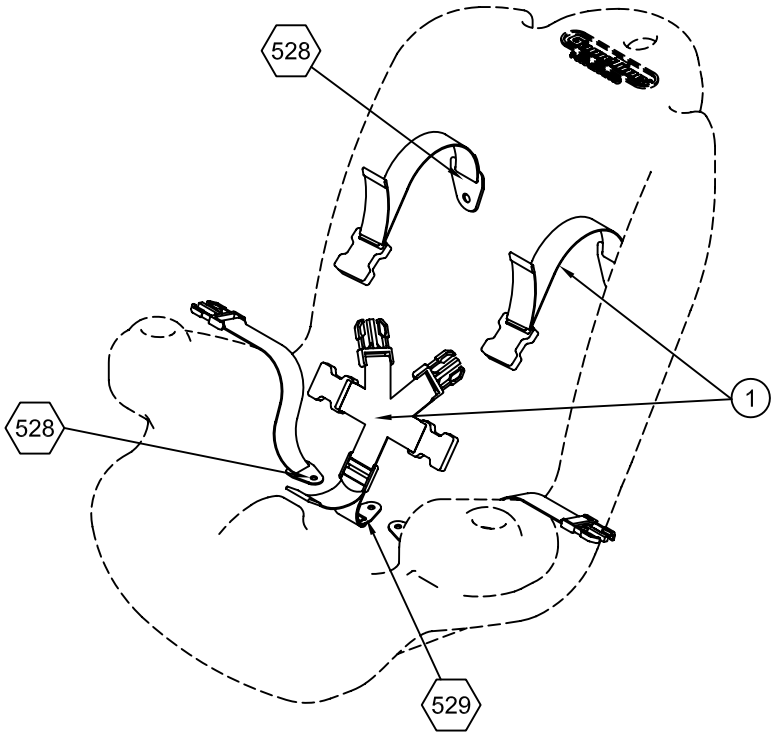
ISSUED/REVISED: 08/14/12

17247

ADAPTIVE SWING SAFETY BELT KIT

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE



INSTALLATION INSTRUCTIONS

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

PARTS LIST

REF. NO.	*DESCRIPTION*	*NO. REQ'D*	*PART NUMBER*
1	Adaptive Swing Safety Belt	1	167111
	Hardware Complete	1	167161
	1/4" x 1 1/2" B.H.C.S.	4	811014*
	1/4" x 2 3/4" B.H.C.S.	1	811021*
	1/4" Lockwasher	5	817326*
	1/4" Tee-Nut	5	804559*

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.

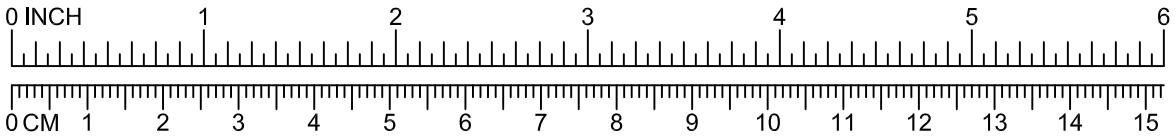
Note: Loctite (supplied by others) should be used on all threaded hardware.

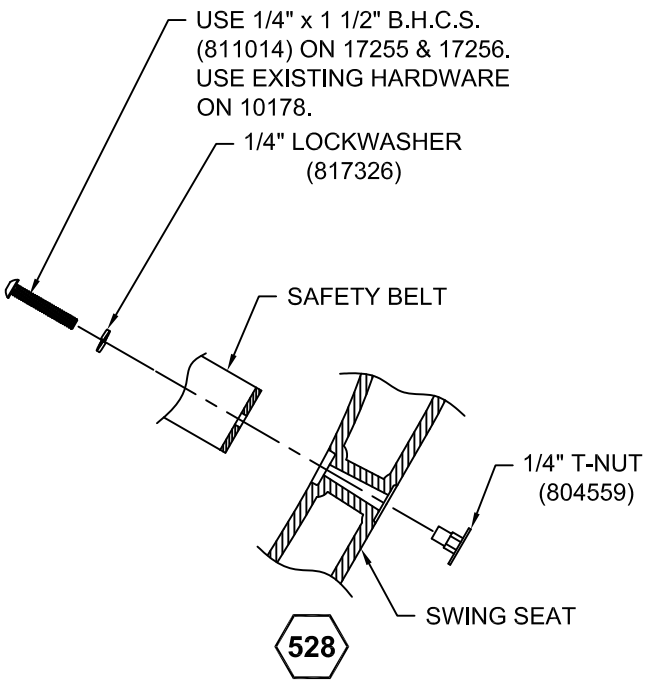
DETAILS -for-
17247

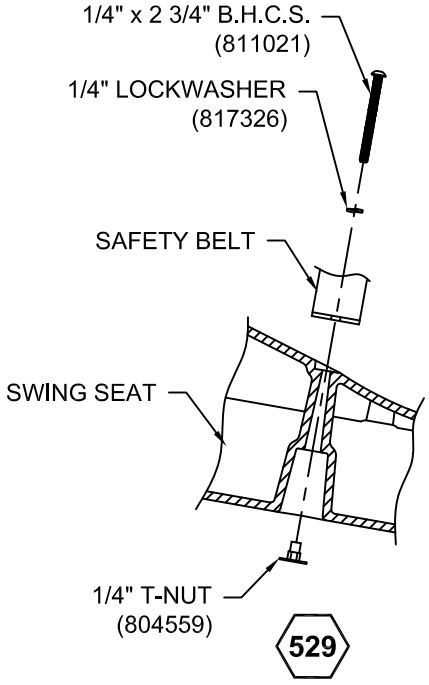
IMPORTANT

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.







PRIME TIME

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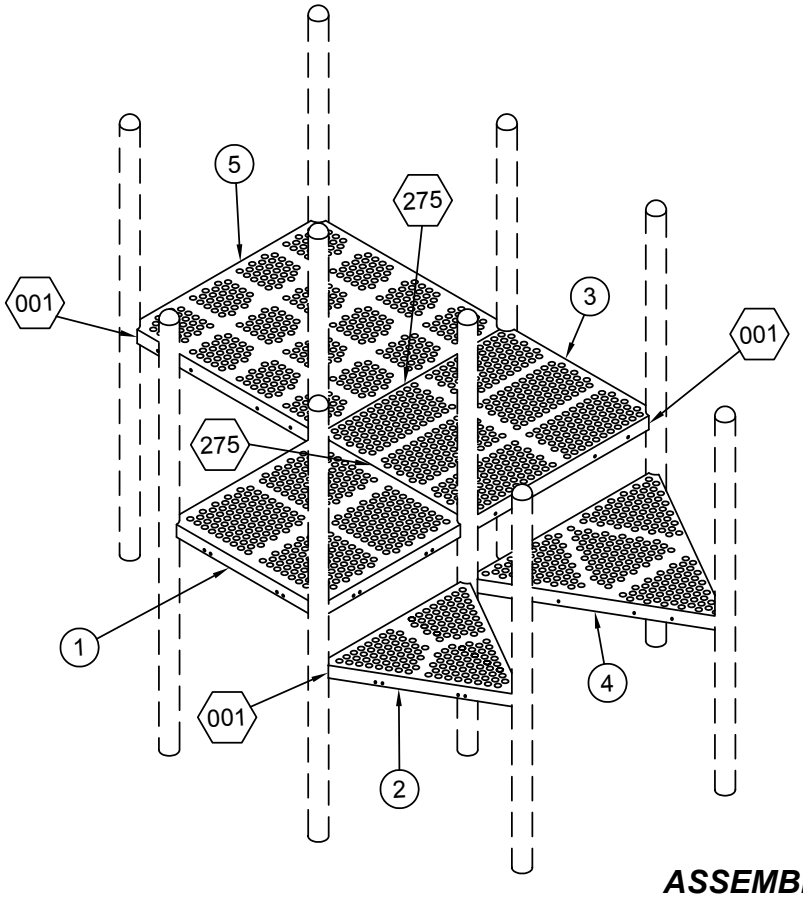
ISSUED/REVISED: 05/12/05

18200
DECKS

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

NOTE: 18200 SQUARE
18201 TRIANGULAR
18202 RECTANGULAR
18203 LARGE TRIANGULAR
18250 LARGE SQUARE

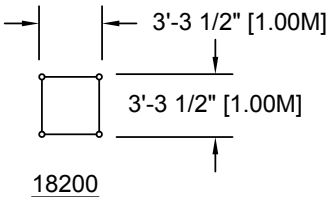


ASSEMBLY DRAWING

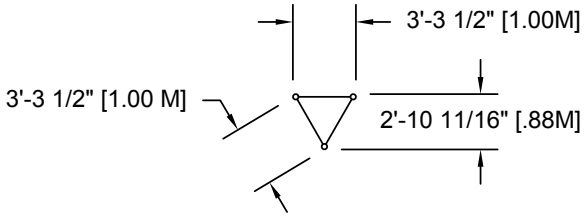
INSTALLATION INSTRUCTIONS

1.) Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2.) Using a 1/2" [1.27 cm] drill bit, remove the vinyl coating from the four corner mounting holes. When decks are to be installed side by side at the same level, remove the coating from the (2) holes in the mating edges; for a rectangular deck, use the (2) holes nearest the middle.
3.) Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
4.) Loctite (supplied by others) should be used on any non-patch hardware.

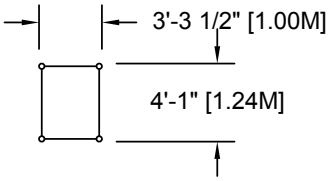
TOP VIEWS



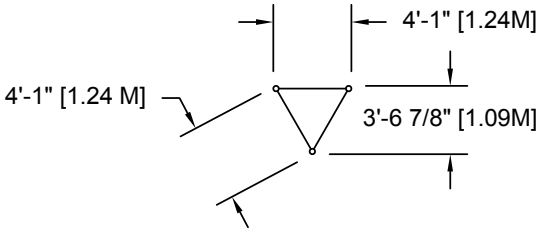
18200



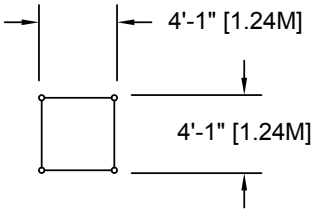
18201



18202



18203

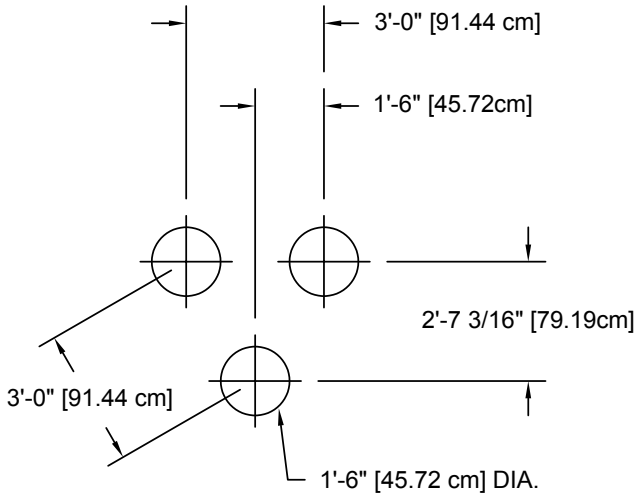


18250

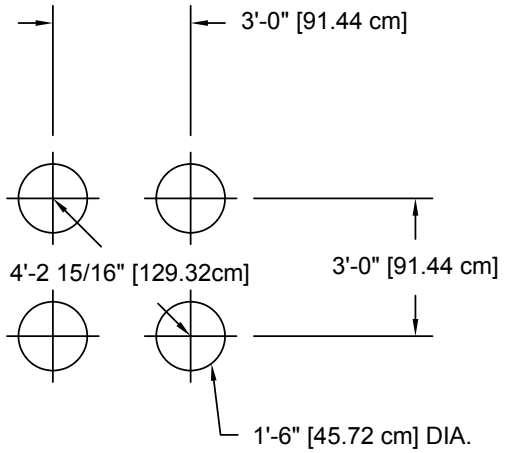
GROUND PLANS

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

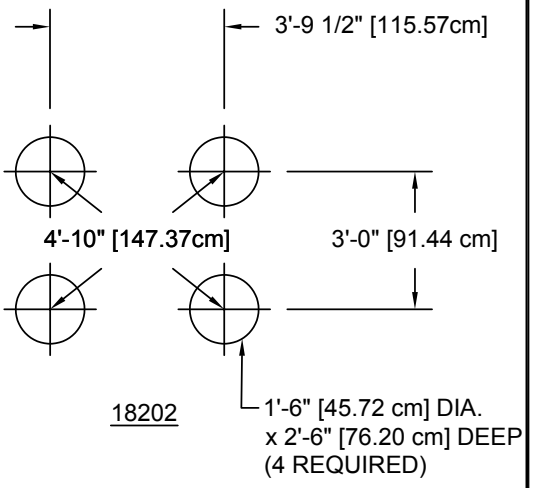
CONCRETE REQUIRED
.10 CUBIC YARDS [.07 CUBIC METERS]
(PER UPRIGHT GROUND HOLE)



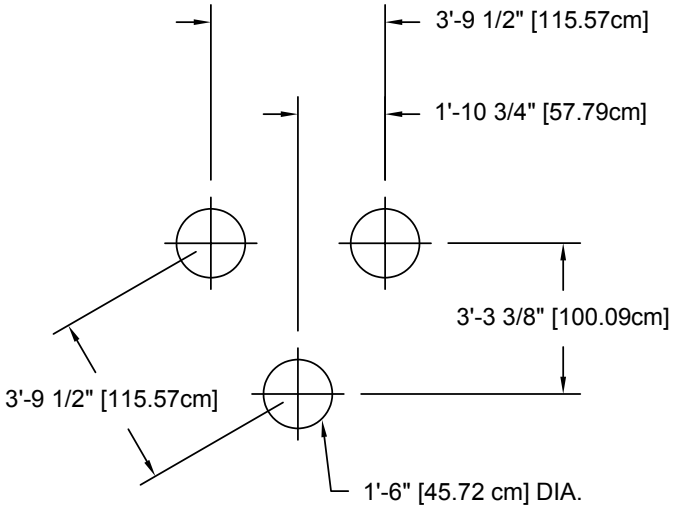
18201



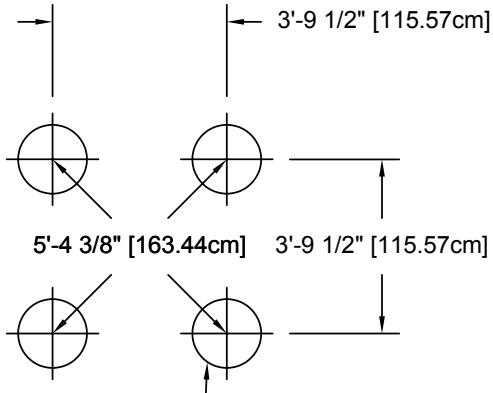
18200



18202



18203



18250

PARTS LIST

REF NO.	*DESCRIPTION*	*NUMBER REQUIRED*					*PART NUMBER*
		18200	*18201*	*18202*	*18203*	*18250*	
1	Punched Metal Square Deck	1	0	0	0	0	159258
2	Punched Metal Triangular Deck	0	1	0	0	0	159312
3	Punched Metal Rectangular Deck	0	0	1	0	0	159317
4	Punched Metal Large Triangular Deck	0	0	0	1	0	159322
5	Punched Metal Large Square Deck	0	0	0	0	1	160868
	Hardware Complete	1	0	1	0	1	161522
	Hardware Complete	0	1	0	1	0	161523
	3/8" x 3/4" B.H.C.S.	2	2	2	2	2	811052*
	3/8 x 1 1/4" B.H.C.S.	4	3	4	3	4	811051*
	3/8" Lockwasher	6	5	6	5	6	817334*
	3/8" Flatwasher	6	5	6	5	6	817424*
	3/8" Tee-Nut	2	2	2	2	2	804556*

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

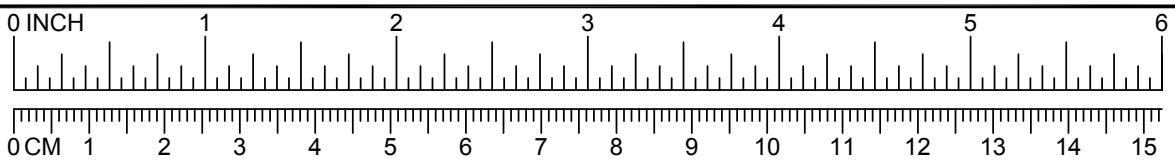
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

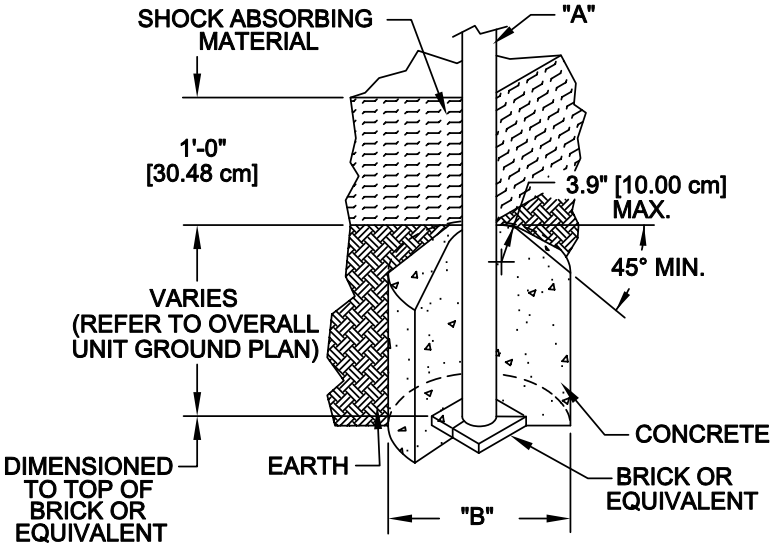
DETAILS -for-
18200, 18201, 18202, 18203 & 18250

IMPORTANT

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

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



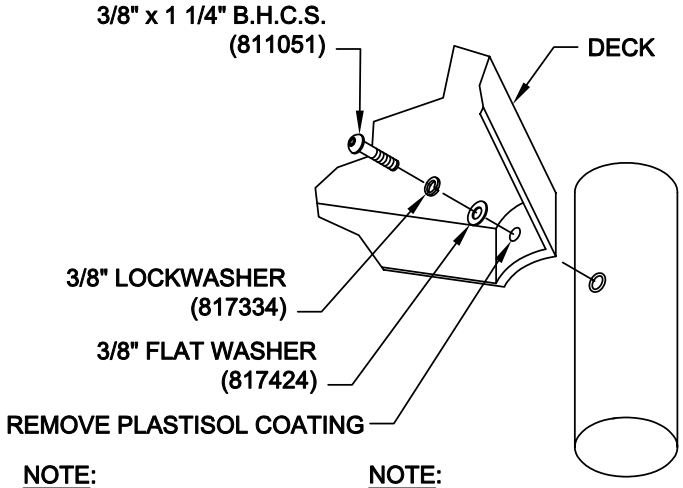


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
ARCH SWING	
3 1/2" [8.89 cm]	2'-0" [60.96 cm]

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

005

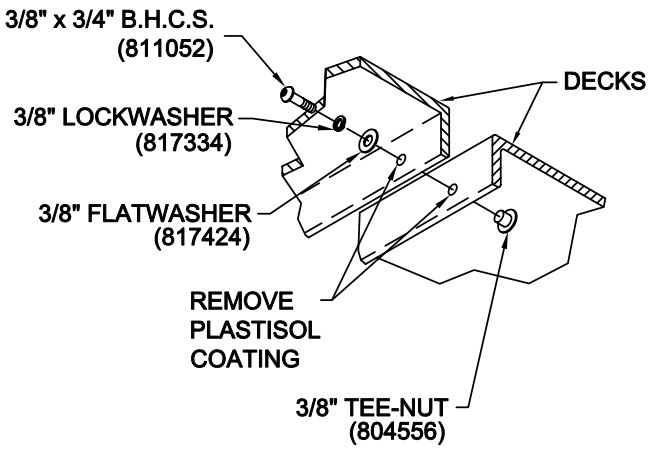
SHOCK ABSOBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



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

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

001



275

PRIME TIME

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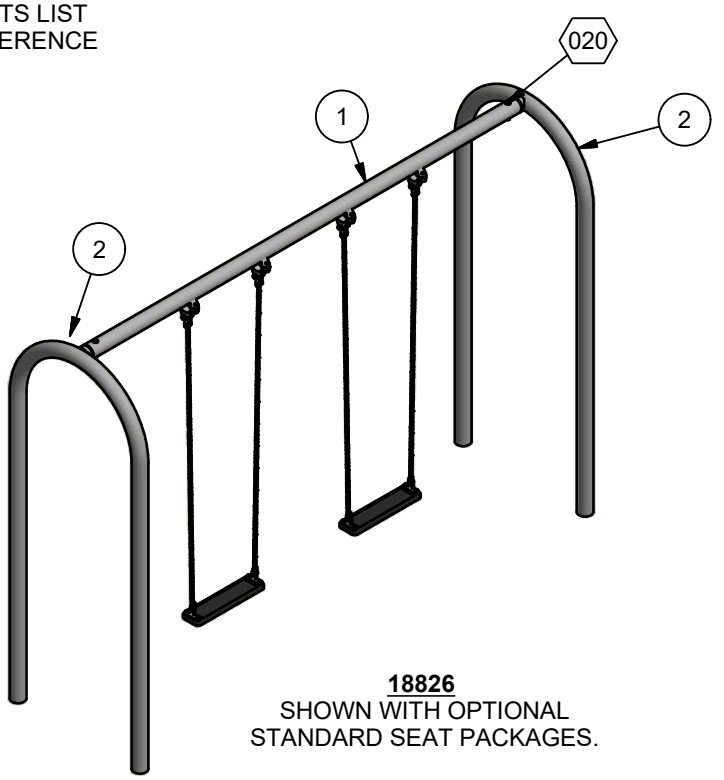
ISSUED/REVISED: 3/28/2022

18826 ARCH SWING

= INSTALLATION DETAIL

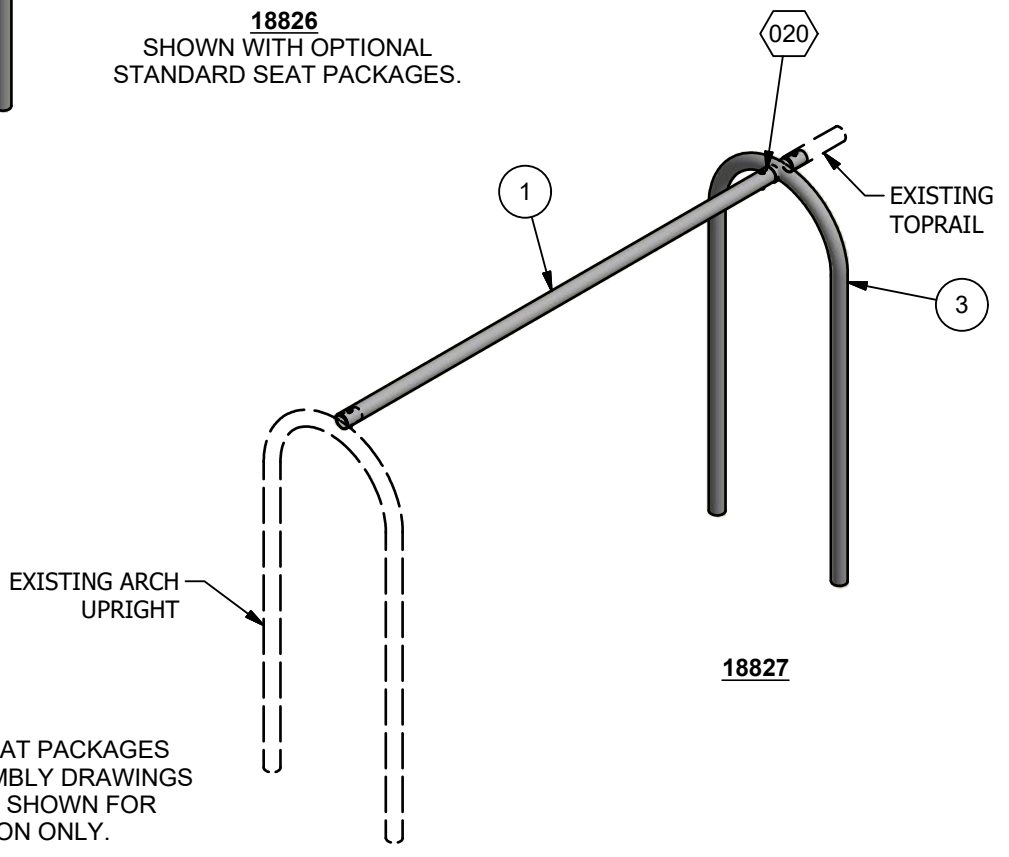
= PARTS LIST REFERENCE

FREESTANDING 18826
ADD-A-BAY 18827



18826
SHOWN WITH OPTIONAL
STANDARD SEAT PACKAGES.

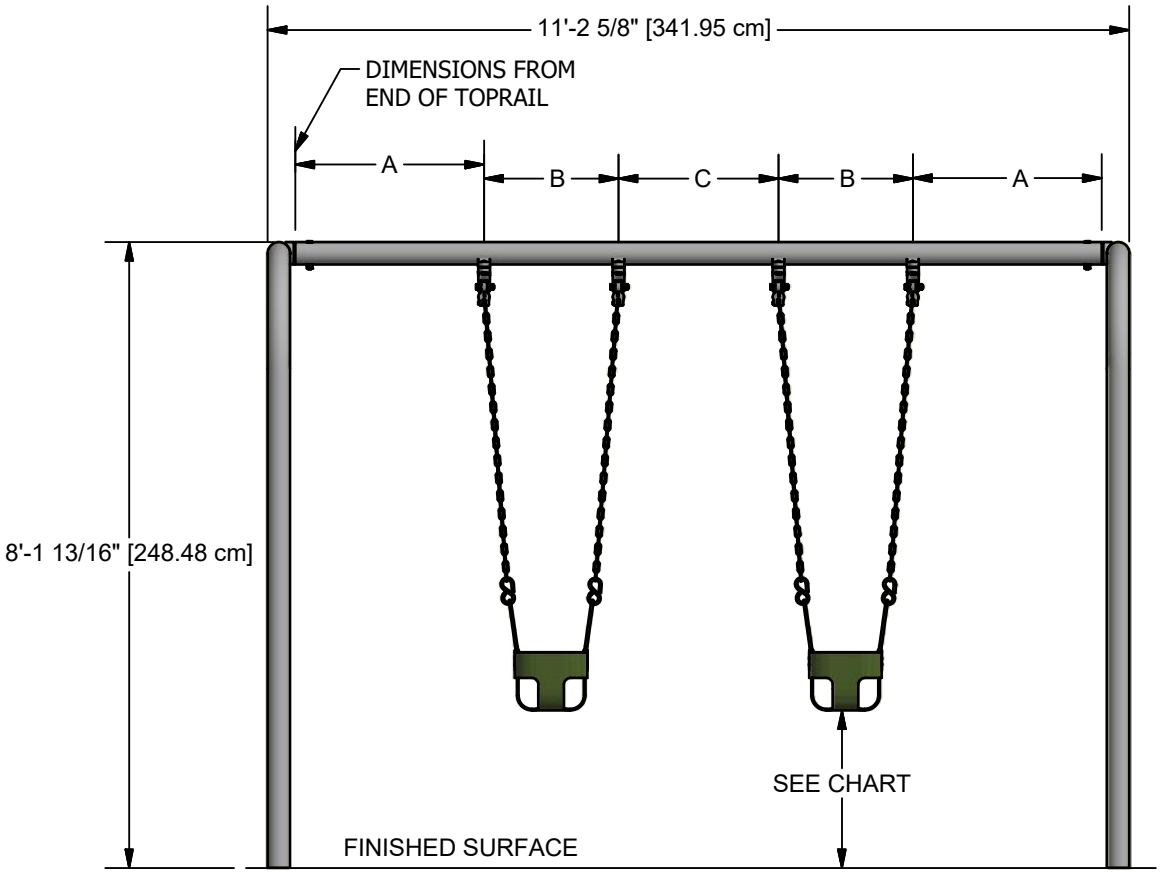
ASSEMBLY DRAWINGS



18827

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

TOPRAIL DIMENSIONS	
DIM A	2'-5 1/2" [74.93 cm]
DIM B	1'-9" [53.34 cm]
DIM C	2'-1" [63.50 cm]

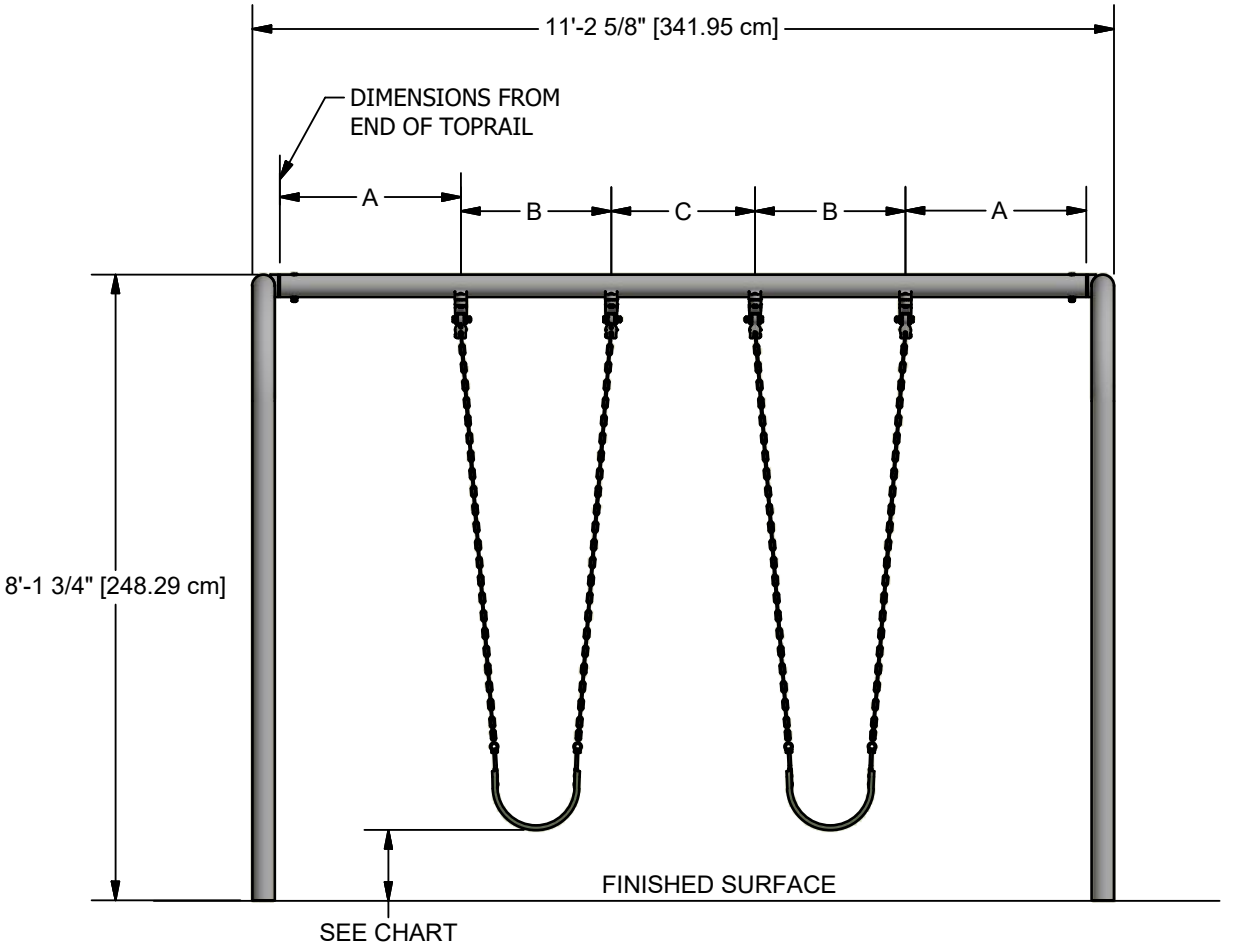


18826 SHOWN (18827 SIMILAR)
WITH OPTIONAL ENCLOSED TOT
SEAT PACKAGES (NOT INCLUDED)

DIMENSION FROM UNDERSIDE OF SEAT TO PROTECTIVE SURFACING		
STANDARD	**MIN.**	**MAX.**
CANADIAN	BELT & SUPER SEAT - 300mm [11.81"] ENCLOSED TOT SEAT - 600mm [23.62"]	N/A
ASTM	BELT & SUPER SEAT - 12" [305mm] ENCLOSED TOT SEAT - 24" [610mm]	N/A
BS EN	350 mm [13.77"]	N/A
CPSC	BELT & SUPER SEAT - 12" [305mm] ENCLOSED TOT SEAT - 24" [610mm]	N/A

MEASURED WHEN OCCUPIED BY MAXIMUM USERS

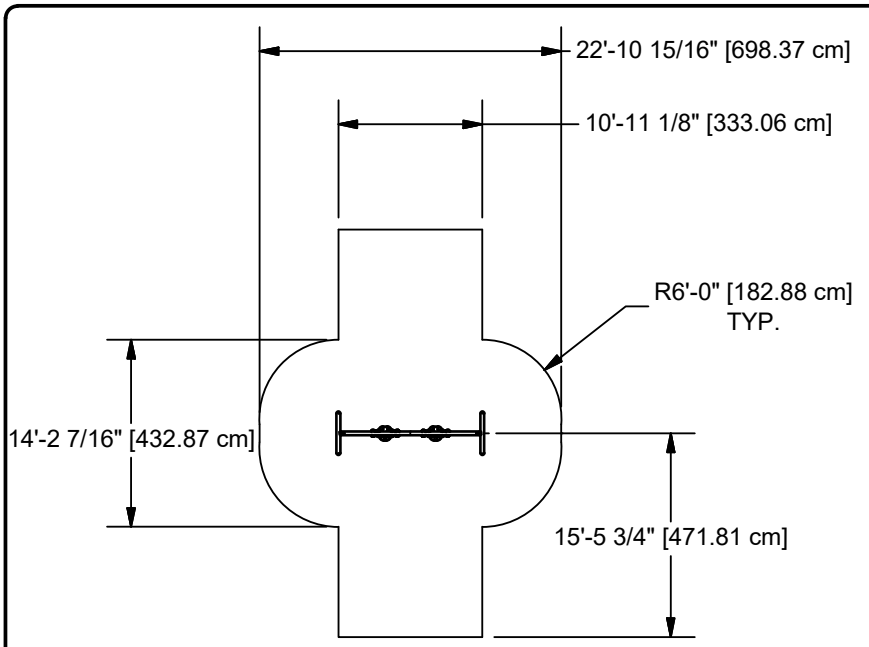
TOPRAIL DIMENSIONS	
DIM A	2'-4 1/4" [71.80 cm]
DIM B	1'-11 1/2" [59.69 cm]
DIM C	1'-10 7/16" [57.07 cm]



18826 SHOWN (18827 SIMILAR)
WITH OPTIONAL BELT
SEAT PACKAGES (NOT INCLUDED)

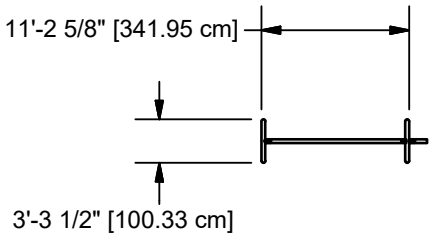
DIMENSION FROM UNDERSIDE OF SEAT TO PROTECTIVE SURFACING		
STANDARD	**MIN.**	**MAX.**
CANADIAN	BELT & SUPER SEAT - 300mm [11.81"] ENCLOSED TOT SEAT - 600mm [23.62"]	N/A
ASTM	BELT & SUPER SEAT - 12" [305mm] ENCLOSED TOT SEAT - 24" [610mm]	N/A
BS EN	350 mm [13.77"]	N/A
CPSC	BELT & SUPER SEAT - 12" [305mm] ENCLOSED TOT SEAT - 24" [610mm]	N/A

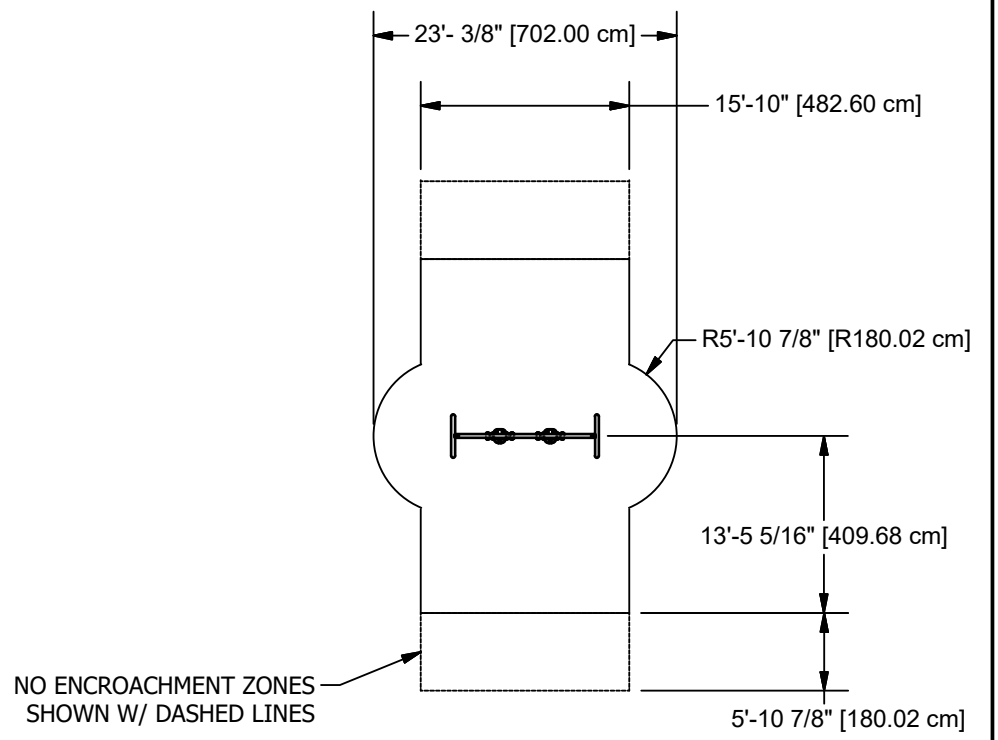
MEASURED WHEN OCCUPIED BY MAXIMUM USERS



TOP VIEWS

18826





18826 (CSA ONLY)

NOTE:
1. OWNER/OPERATOR SHALL INSTALL AND MAINTAIN PROTECTIVE SURFACING WITHIN THE USE ZONE (U.S.) OR PROTECTIVE SURFACING ZONE (CANADA) OF ALL PLAY EQUIPMENT TO COMPLY WITH ASTM F-1292 AND ASTM F-1487 (U.S.) or CAN/CSA-Z-614 (CANADA).
2. SOLID OUTSIDE BORDER REPRESENTS MINIMUM REQUIRED ASTM USE ZONE AND CSA PROTECTIVE SURFACING ZONE FOR SWING FRAME SHOWN.
3. DASHED LINES REPRESENT CSA *NO ENCROACHMENT* ZONE (CANADA ONLY).
4. *EACH ADDITIONAL CONNECTED SWING FRAME BAY INCREASES THE USE ZONE SURFACING, AND *NO ENCROACHMENT* ZONE DIMENSIONS BY 10'-11 1/8" [3.33M].

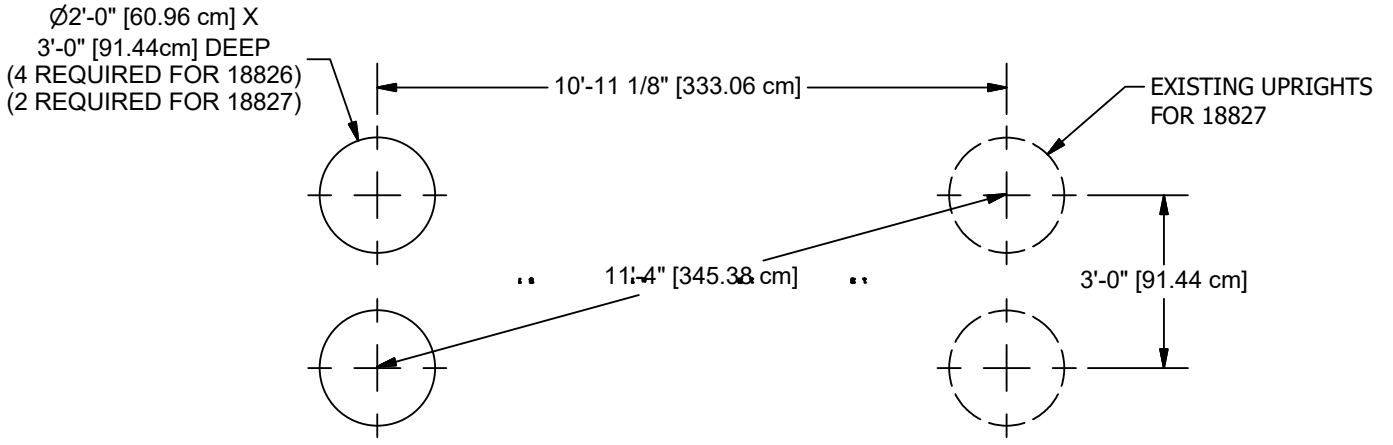
SPECIFICATIONS

TOPRAIL AND ARCH: Shall be fabricated of 3-1/2" O.D. (11 Gauge) galvanized steel tubing. Arch includes a welded 3-1/8" O.D. galvanized steel sleeve to which the toprail is fastened.

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

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

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



GROUND PLAN

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

CONCRETE REQUIRED: 18826
.92 CUBIC YARDS
[.70 CUBIC METERS]

CONCRETE REQUIRED - 18827
.46 Cubic Yards
[.35 CUBIC mETERS]

INSTALLATION INSTRUCTIONS

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

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

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

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

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

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

STEP 1: Dig holes according to the Ground Plan (see Detail 005 also). Place a brick or equivalent at the bottom of the hole to provide a solid foundation. Allow for this in hole depth (see Detail 005).

STEP 2: Insert toprail onto socket on the arch and secure with 1/2" x 4" hex head bolt, 1/2" flatwasher, 1/2" lockwasher and 1/2" hex nut (see Detail 020).

STEP 3: Set frame in holes, making sure that legs rest on foundation bricks. Check to ensure swing is level.

STEP 4: Fill holes with concrete per Detail 005. Plumb and brace assembly. Allow a minimum of 48 hours for concrete to harden before continuing.

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

STEP 5: Place swing hangers on toprail using Assembly Drawing for spacing. Hang seats per Installation Sheet for swing seats.

STEP 6: After assembly is complete, place manufacturer's I.D. label in a visible location.

Parts List				
ITEM	DESCRIPTION	18826	18827	PART NUMBER
1	3 1/2" O.D. TOPRAIL	1	1	208806
2	ARCH END UPRIGHT ASS'Y	2	0	152803
3	MULTI-BAY ARCH UPRIGHT ASS'Y	0	1	152805
	HARDWARE COMPLETE	1	1	152821
	1/2" x 4" HEX HEAD BOLT	2	2	801215*
	1/2" FLAT WASHER	2	2	817412*
	1/2" LOCKWASHER	2	2	817342*
	1/2" HEX NUT	2	2	804055*
	MANUFACTURER I.D. LABEL	1	1	159151*

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

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

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



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



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

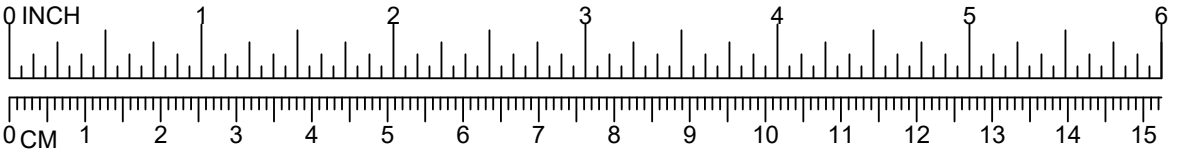
DETAILS -for-
18826 & 18827

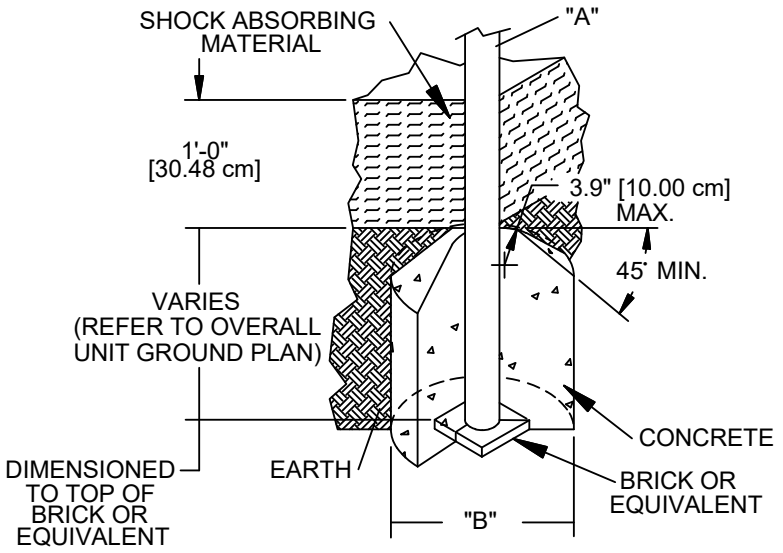
IMPORTANT

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.



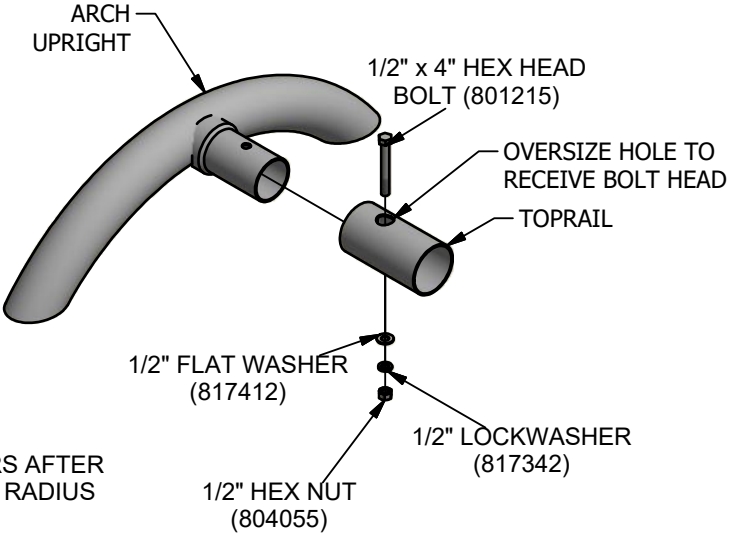


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
ARCH SWING	
5" [12.70 cm]	2'-0" [60.96 cm]

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

005

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



NOTE: PEEN FLATWASHERS AFTER INSTALLATION TO MATCH RADIUS OF TOPRAIL.

020

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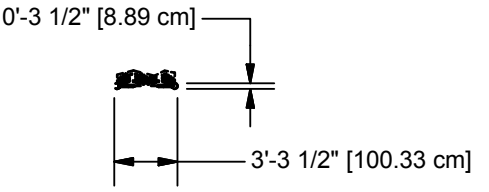
1-800-235-2440

ISSUED/REVISED: 12/4/16

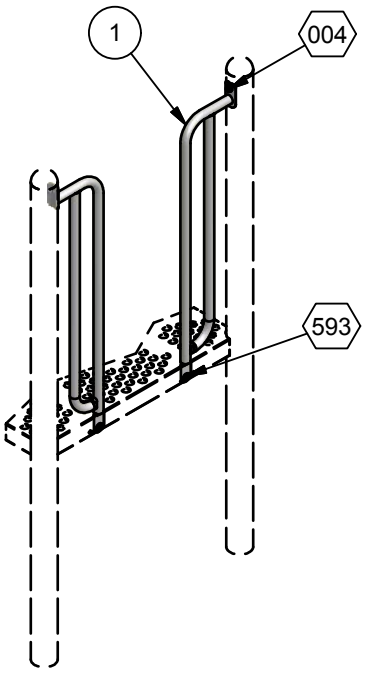
19001
ENTRY WAY

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE



TOP VIEW



ASSEMBLY VIEW

INSTALLATION INSTRUCTIONS

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

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	D-RING WELD ASS'Y	2	202623
	HARDWARE COMPLETE	1	202959
	3/8" x 3/4" B.H.C.S.	2	811052*
	3/8" x 1 1/4" B.H.C.S.	2	811051*
	3/8" LOCKWASHER	4	817334*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
	3/8" T-NUT	2	804556*
	3/8" FLAT WASHER	2	817410

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

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

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

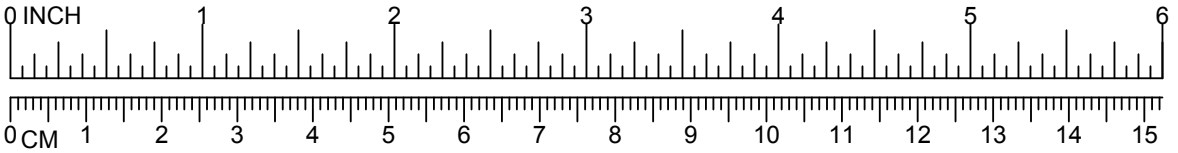
DETAILS -for-
19001

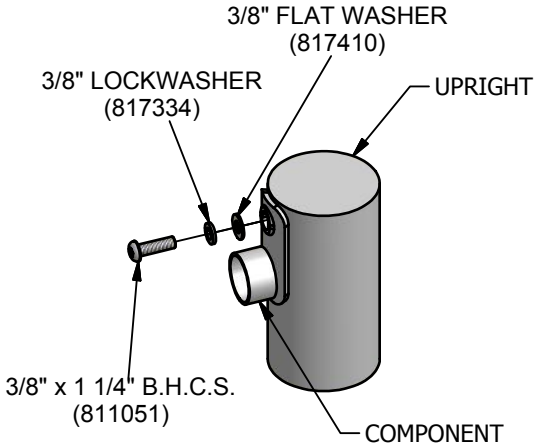
*I*MPORTANT

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.

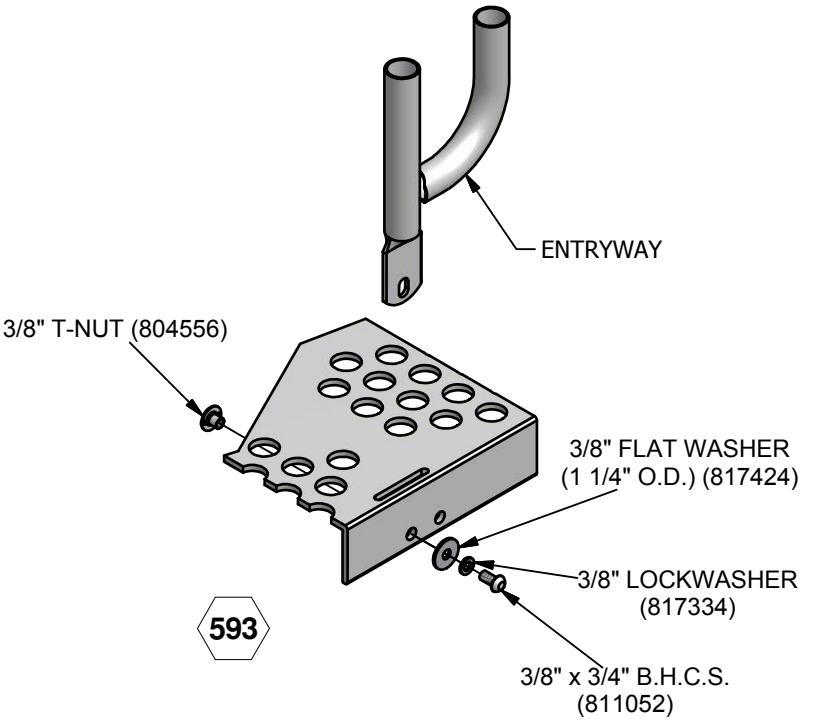
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





004



593

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ISSUED/REVISED: 8/16/23

19004

TRANSFER SYSTEM WITH BARRIER

1' RISE	19004
2' RISE	19005
2'-6" RISE	19006
3' RISE	19007
4' RISE	19008

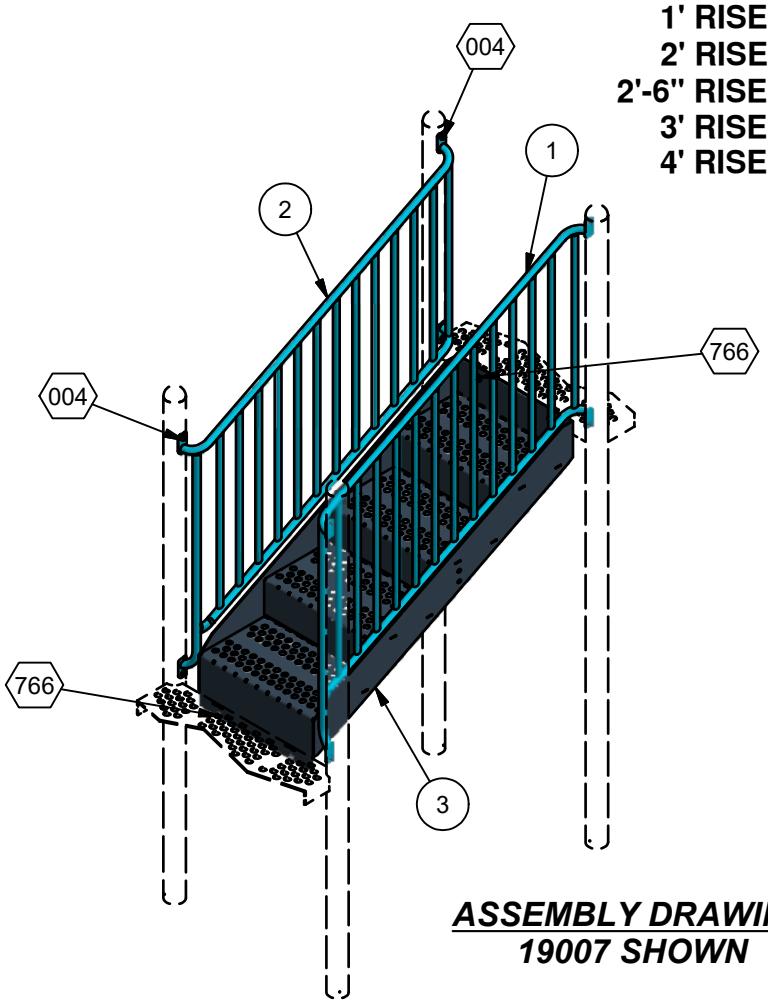
⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

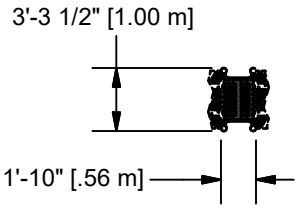


INSTALLATION INSTRUCTIONS

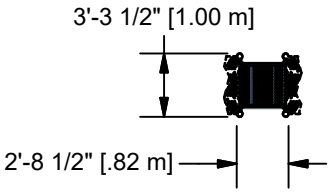
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Remove coating from mounting holes on ramp section(s) and deck.
3. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details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



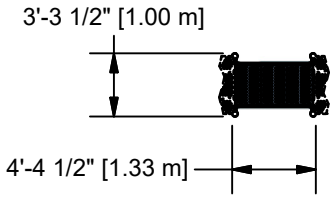
ASSEMBLY DRAWING
19007 SHOWN



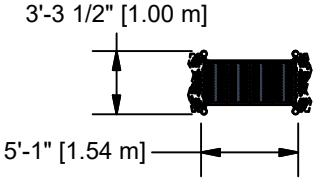
19004



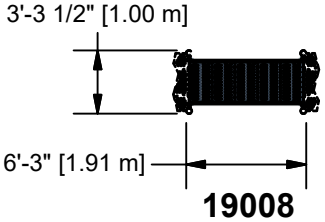
19005



19006

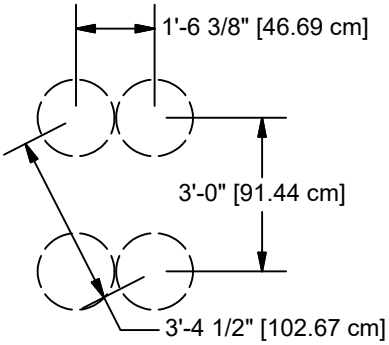


19007

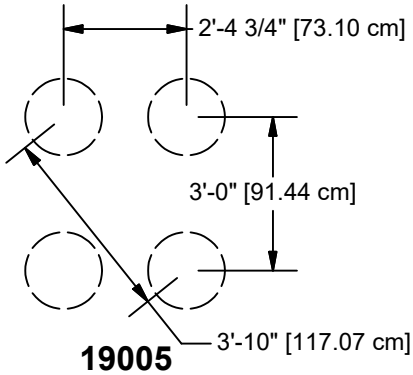


19008

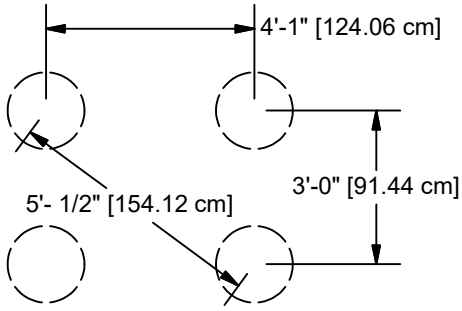
TOP VIEWS



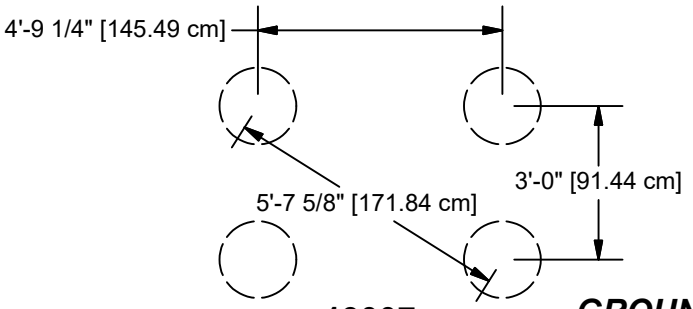
19004



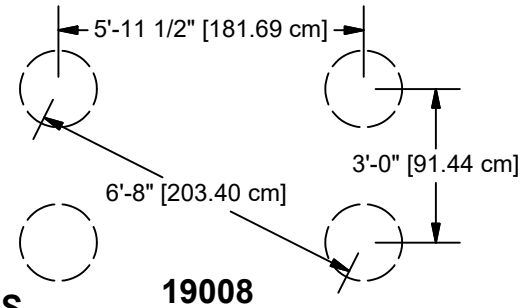
19005



19006



19007



19008

GROUND PLANS

Parts List							
REF.	DESCRIPTION	19004	19005	19006	19007	19008	PART NUMBER
1	RIGHT BARRIER WELD ASSEMBLY	1	0	0	0	0	202760
1	RIGHT BARRIER WELD ASSEMBLY	0	1	0	0	0	202753
1	RIGHT BARRIER WELD ASSEMBLY	0	0	1	0	0	202745
1	RIGHT BARRIER WELD ASSEMBLY	0	0	0	1	0	202736
1	RIGHT BARRIER WELD ASSEMBLY	0	0	0	0	1	202716
2	LEFT BARRIER WELD ASSEMBLY	1	0	0	0	0	202766
2	LEFT BARRIER WELD ASSEMBLY	0	1	0	0	0	202757
2	LEFT BARRIER WELD ASSEMBLY	0	0	1	0	0	202750
2	LEFT BARRIER WELD ASSEMBLY	0	0	0	1	0	202741
2	LEFT BARRIER WELD ASSEMBLY	0	0	0	0	1	202728
3	1' COATED STEPLINK	1	0	0	0	0	161235
3	2' STEP ASSEMBLY	0	1	0	0	0	160670
3	2'-6" STEP ASSEMBLY	0	0	1	0	0	167494
3	3' STEP ASSEMBLY	0	0	0	1	0	161371
3	4' STEP ASSEMBLY	0	0	0	0	1	160667
	HARDWARE COMPLETE	1	1	1	1	1	223306
	3/8" LOCK WASHER	8	8	8	8	8	817334*
	3/8" x 1 1/4" B.H.C.S.	8	8	8	8	8	811051*
	3/8" FLAT WASHER	8	8	8	8	8	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	8	8	8	8	8	817424*
	3/8" x 1" B.H.C.S.	4	4	4	4	4	811050*
	3/8" LOCK NUT	4	4	4	4	4	804353*

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.

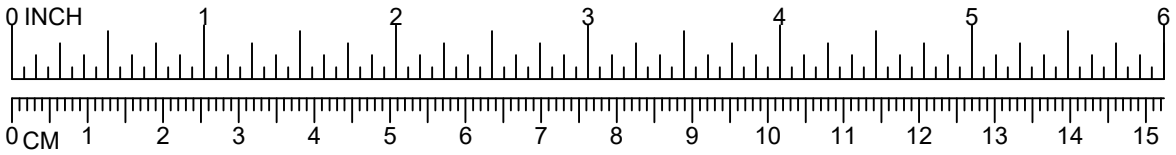
DETAILS -for-
19004, 19005, 19006, 19007 & 19008

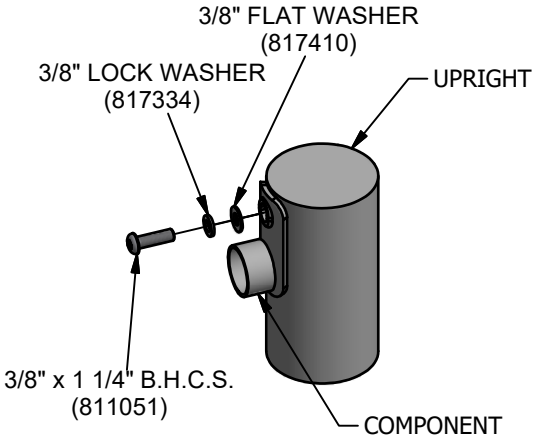
IMPORTANT

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.

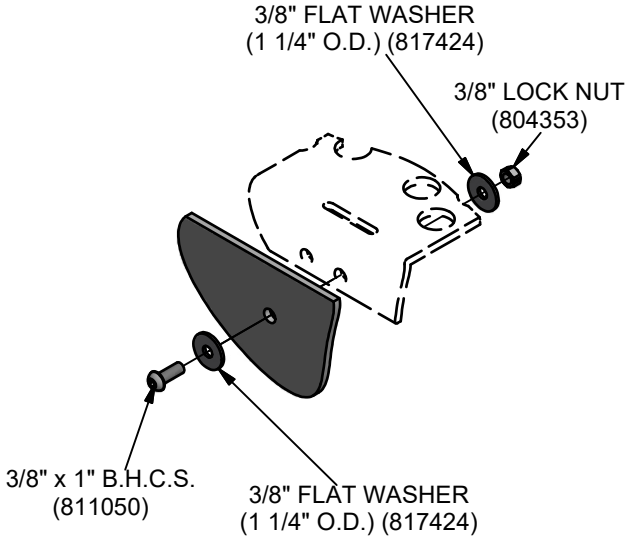
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





004



766

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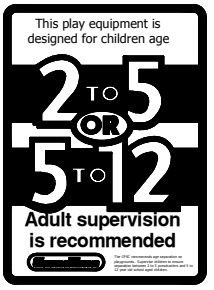
ISSUED/REVISED: 12/13/16

19047 TREE CLIMBER

3', 3'-6"	19047
4', 4'-6"	19048
5', 5'-6"	19049
6', 6'-6"	19050
7', 7'-6"	19051
8'	19052

⬡ = INSTALLATION DETAIL

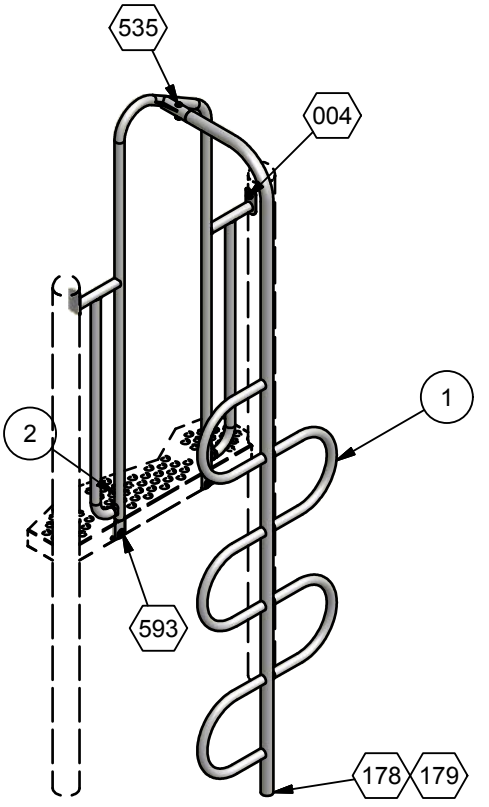
◯ = PARTS LIST REFERENCE



19048
19049 5'-0"



19047
19049 5'-6"
19050
19051
19052



NOTE: 3'-6",4'-6", 5'-6", 6'-6", 7'-6", AND 8' DECKS ONLY.

INSTALLATION INSTRUCTIONS

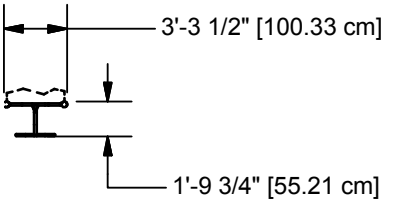
1.) BEFORE ASSEMBLING THIS EQUIPMENT, READ THE ENCLOSED ***INSTALLER INSTRUCTIONS*** IN THE INSTALLATION BOOKLET; FOLLOW ALL THE INSTRUCTIONS DURING INSTALLATION.

2.) ASSEMBLE PARTS AS SHOWN IN THE ***ASSEMBLY DRAWING***. REFER TO THE ASSEMBLY DETAILS FOR THE SPECIFIC HARDWARE REQUIRED IN EACH CONNECTION.

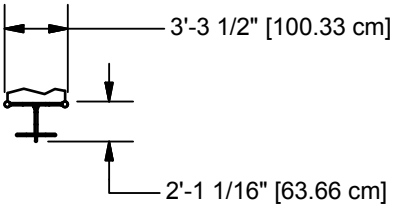
3.) LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ANY NON-PATCH HARDWARE.

ASSEMBLY DRAWING

19047 SHOWN
OTHERS SIMILAR



19047

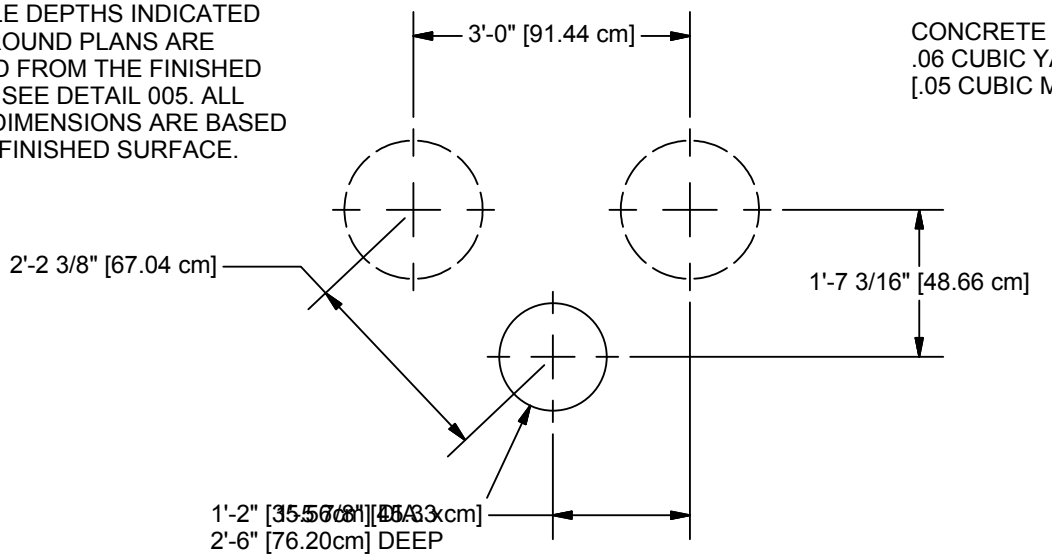


19048, 19049, 19050,
19051, & 19052

TOP VIEWS

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

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



GROUND PLAN

Parts List								
REF.	DESCRIPTION	19047	19048	19049	19050	19051	19052	PART NUMBER
1	TREE CLIMBER ASS'Y	1	0	0	0	0	0	179041
1	TREE CLIMBER ASS'Y	0	1	0	0	0	0	179043
1	TREE CLIMBER ASS'Y	0	0	1	0	0	0	179045
1	TREE CLIMBER ASS'Y	0	0	0	1	0	0	179047
1	TREE CLIMBER ASS'Y	0	0	0	0	1	0	179049
1	TREE CLIMBER ASS'Y	0	0	0	0	0	1	179051
2	ARCHWAY WELD ASS'Y	1	1	1	1	1	1	202627
	HARDWARE COMPLETE	1	1	1	1	1	0	203228
	HARDWARE COMPLETE	0	0	0	0	0	1	203230
	3/8" x 3/4" B.H.C.S.	2	2	2	2	2	2	811052*
	3/8" x 1 1/4" B.H.C.S.	2	2	2	2	2	2	811051*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	1	1	1	1	1	1	812053*
	3/8" x 1-3/4" B.H.C.S.	1	1	1	1	1	1	811054*
	3/8" FLAT WASHER	3	3	3	3	3	3	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	2	2	2	2	2	817424*
	3/8" LOCKWASHER	5	5	5	5	5	5	817334*
	3/8" BARREL NUT	1	1	1	1	1	1	804804*
	3/8" T-NUT	3	3	3	3	3	3	804556*
	EXTENSION LEG	1	1	1	1	1	0	152110*
	EXTENSION LEG	0	0	0	0	0	1	176430*

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.

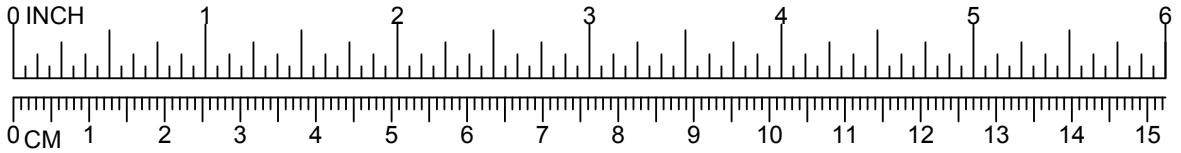
DETAILS -for-
19047 - 19052

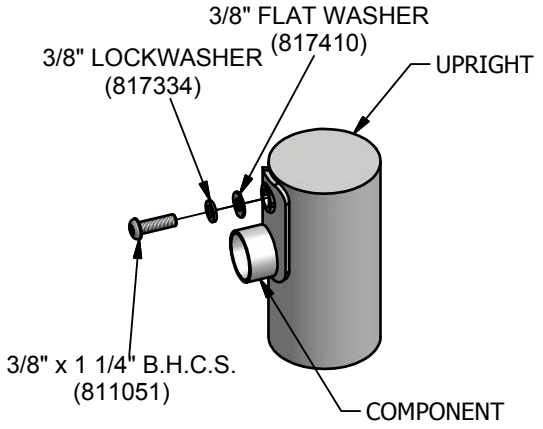
IMPORTANT

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.

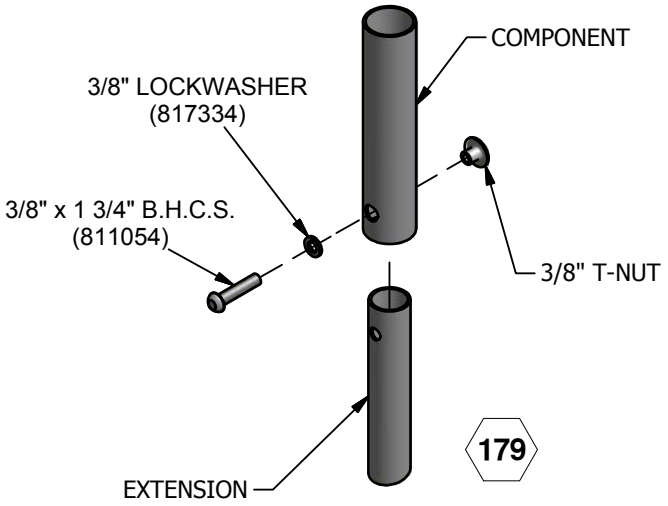
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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

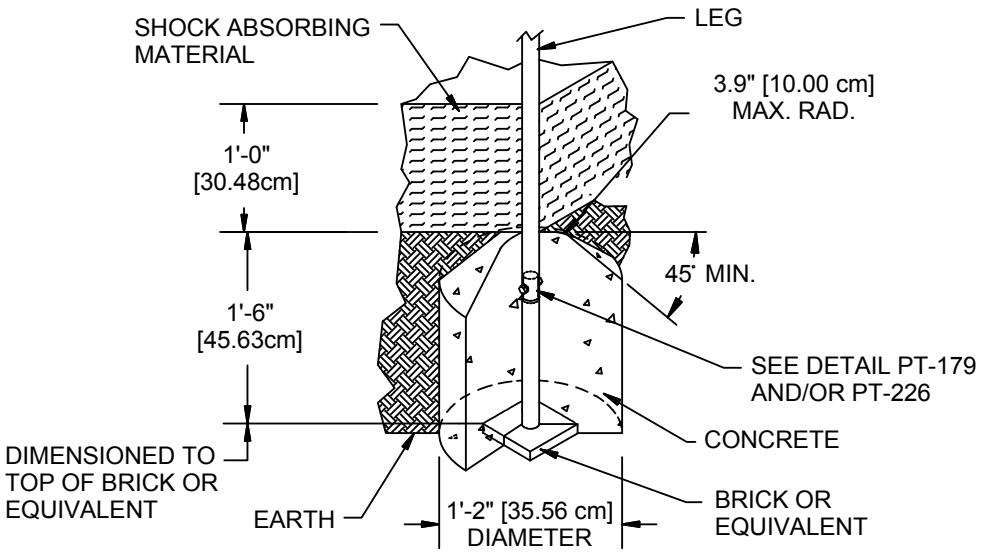




004



179



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

178

SHOCK ABSOBING 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.

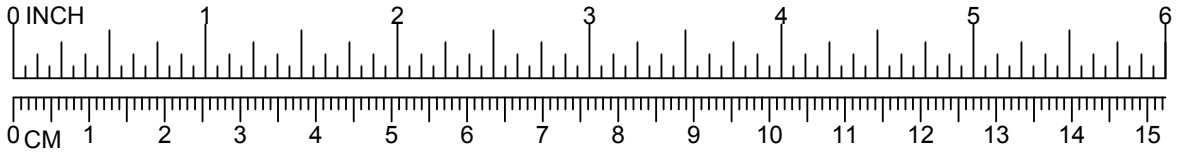
DETAILS -for-
19047 - 19052

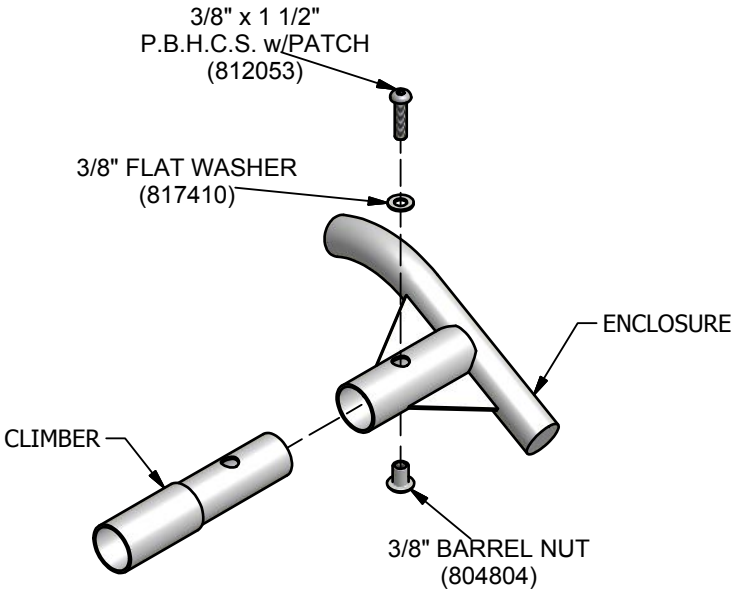
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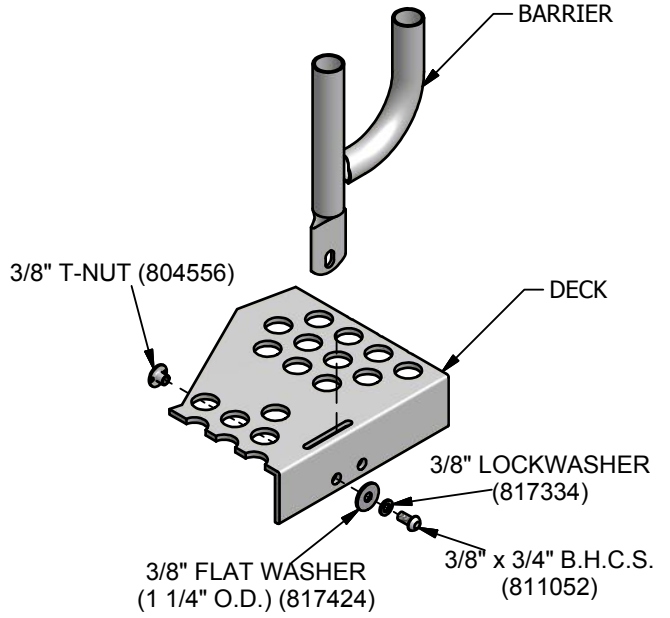
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.





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ISSUED/REVISED: 12/15/16

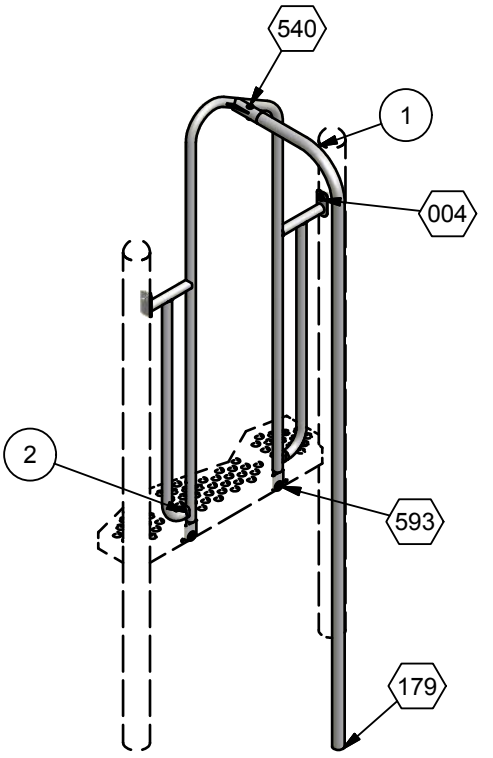
19130 CLIMBING POLE

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

2' & 2'-6"	19130
3' & 3'-6"	19131
4' & 4'-6"	19132
5' & 5'-6"	19133
6'	19134





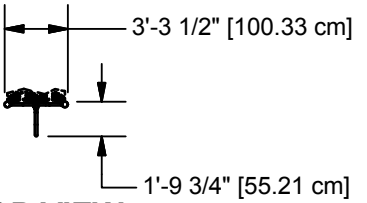
ASSEMBLY DRAWING

INSTALLATION INSTRUCTIONS

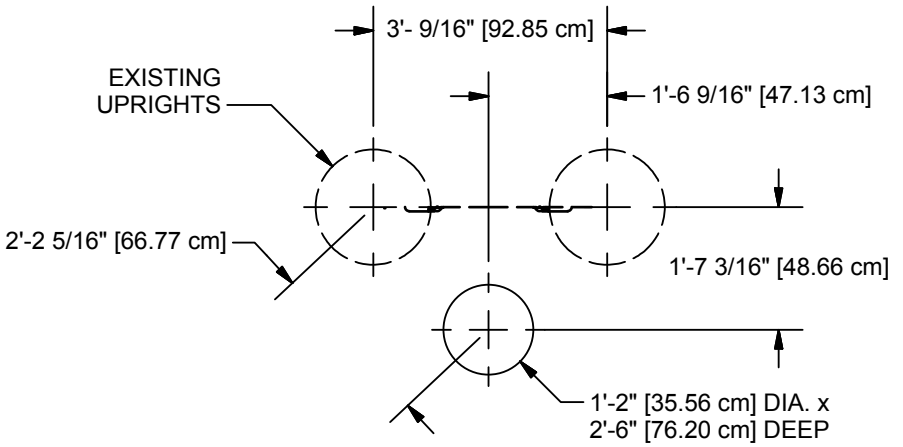
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2.) ASSEMBLE PARTS AS SHOWN IN THE ***ASSEMBLY DRAWING***. REFER TO THE ASSEMBLY DETAILS FOR THE SPECIFIC HARDWARE REQUIRED IN EACH CONNECTION.

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



TOP VIEW



GROUND PLAN

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

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

Parts List							
REF.	DESCRIPTION	19130	19131	19132	19133	19134	PART NUMBER
1	CLIMBING POLE	1	0	0	0	0	179053
1	CLIMBING POLE	0	1	0	0	0	203251
1	CLIMBING POLE	0	0	1	0	0	179057
1	CLIMBING POLE	0	0	0	1	0	203253
1	CLIMBING POLE	0	0	0	0	1	179059
2	ARCHWAY WELD ASS'Y	1	1	1	1	1	202627
	HARDWARE COMPLETE	1	1	1	1	0	203207
	HARDWARE COMPLETE	0	0	0	0	1	203208
	3/8" x 3/4" B.H.C.S.	2	2	2	2	2	811052*
	3/8" x 1 1/4" B.H.C.S.	2	2	2	2	2	811051*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	1	1	1	1	1	812053*
	3/8" x 1 3/4" B.H.C.S.	1	1	1	1	0	811054*
	3/8" FLAT WASHER	3	3	3	3	3	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	2	2	2	2	817424*
	3/8" LOCKWASHER	5	5	5	5	4	817334*
	3/8" BARREL NUT	1	1	1	1	1	804804*
	3/8" T-NUT	3	3	3	3	2	804556*
	EXTENSION LEG	1	1	1	1	0	152110*

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.

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

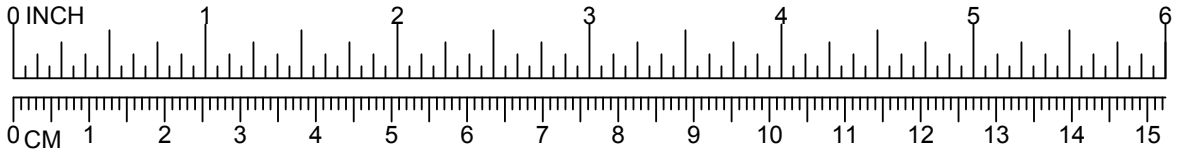
DETAILS -for-
19130-19133

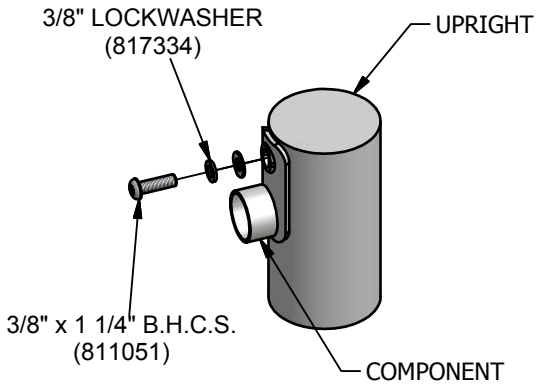
IMPORTANT

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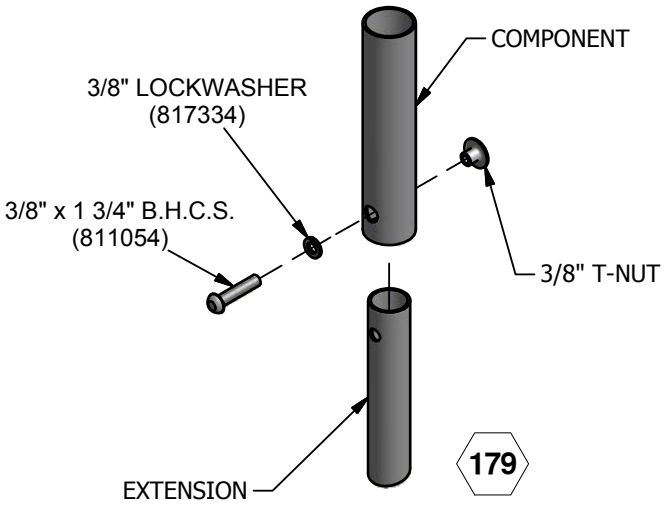
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NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.

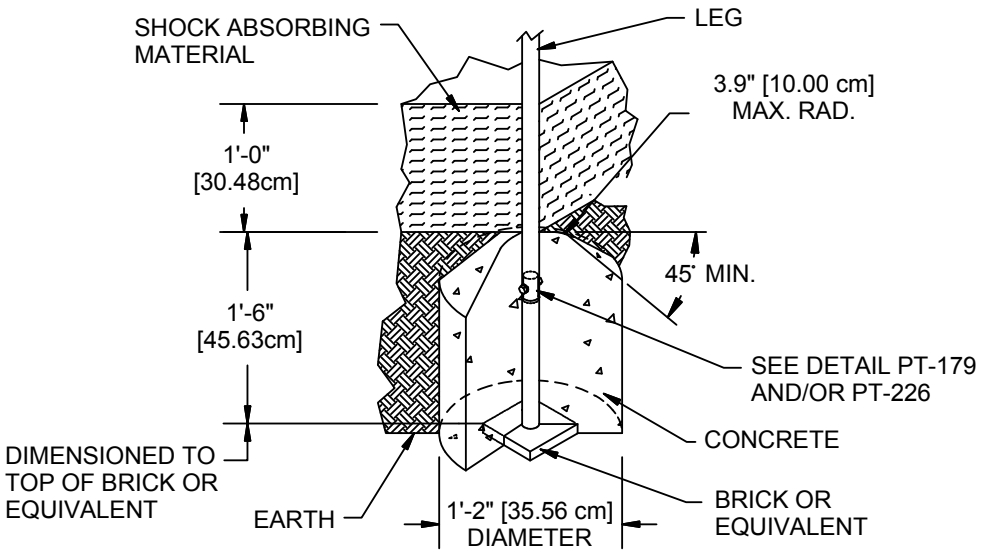




004



179



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

178

SHOCK ABSOBING 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.

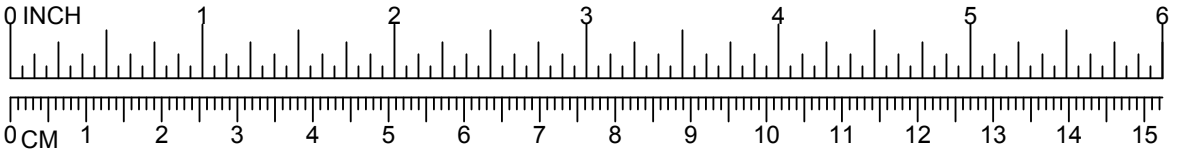
DETAILS -for- 19130-19133

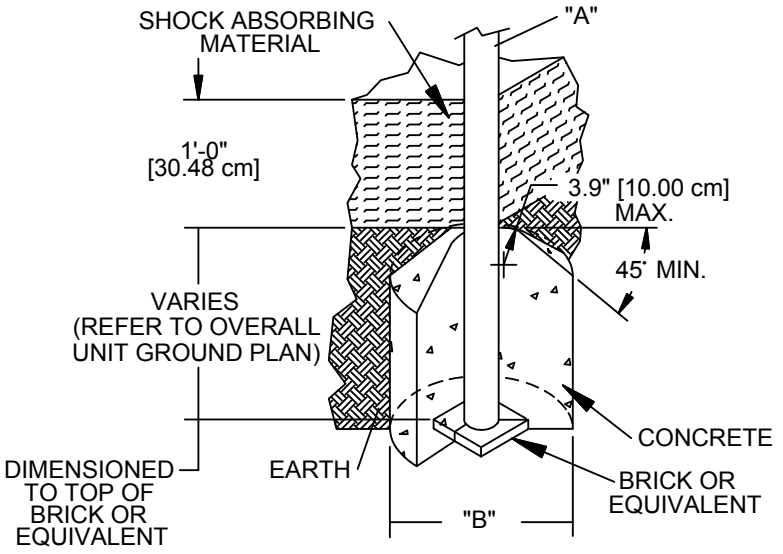
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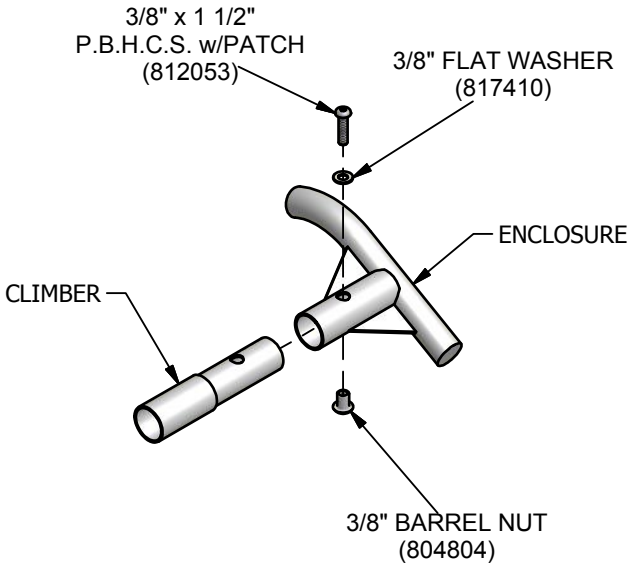


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
ARCH SWING	
5" [12.70 cm]	2'-0" [60.96 cm]

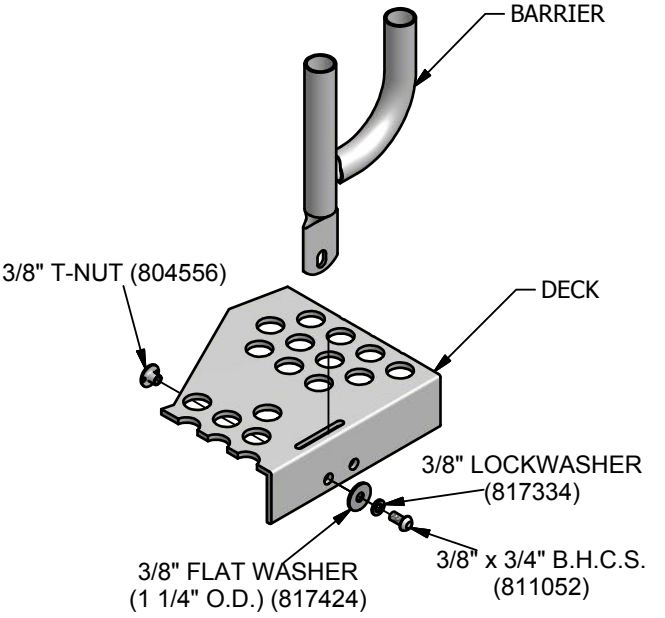
NOTES:
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-SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

005

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



540



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ISSUED/REVISED: 5/2/19

19147
TOAD STOOL CLIMBER

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

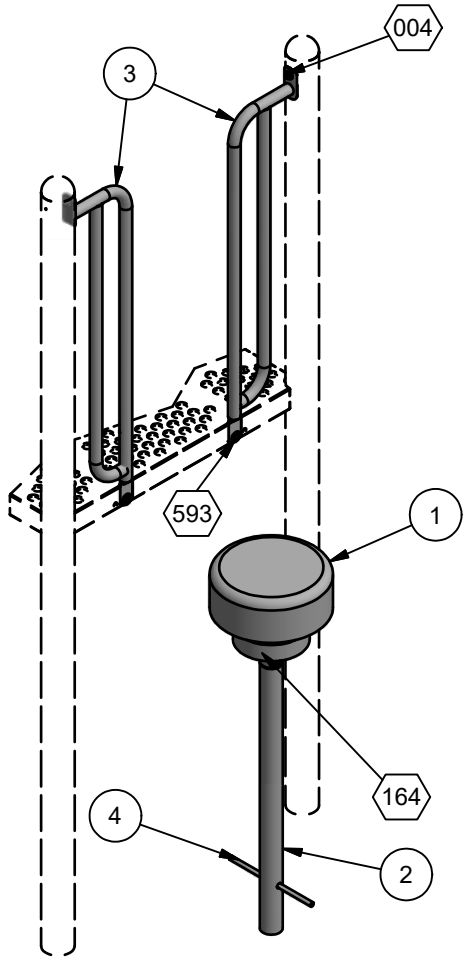


INSTALLATION INSTRUCTIONS

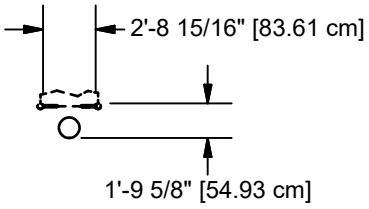
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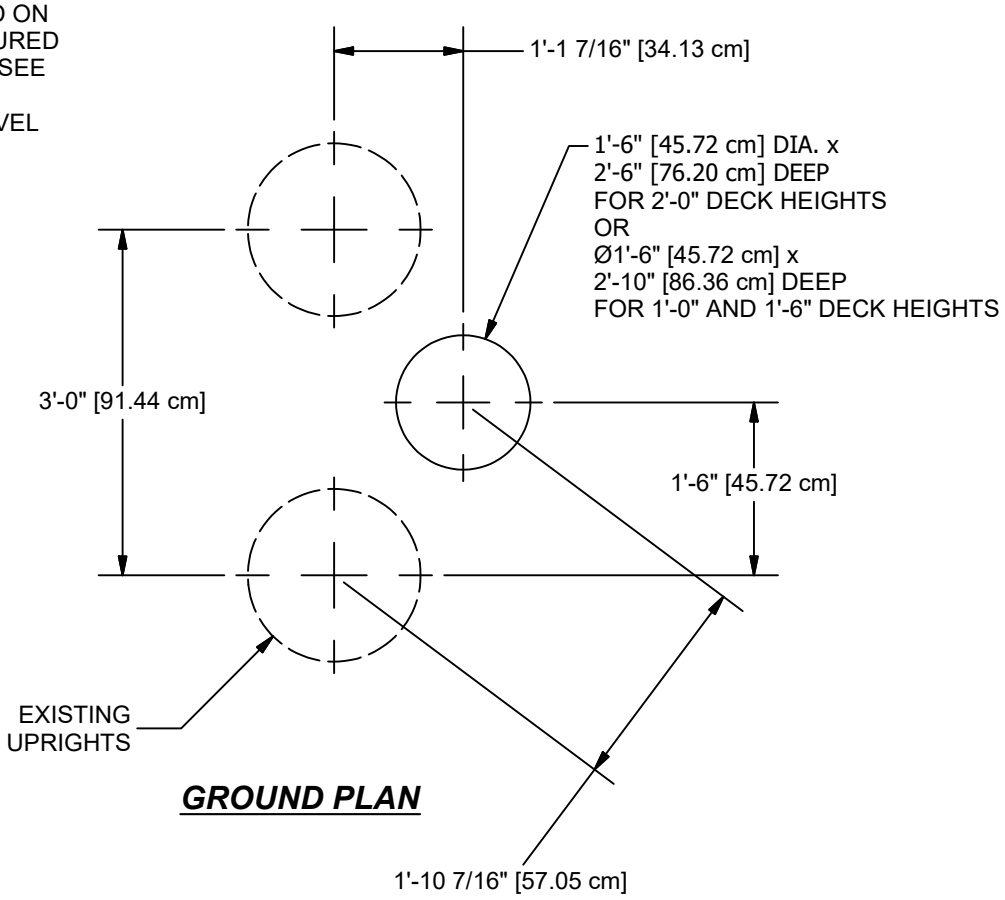
ASSEMBLY DRAWING



TOP VIEW

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

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



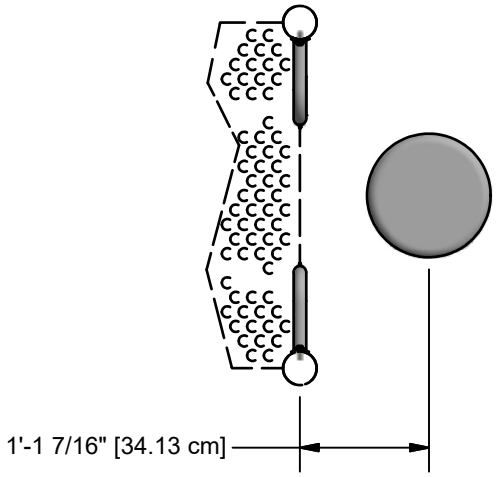
GROUND PLAN

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	TOAD STOOL	1	157594
2	GROUND EXTENSION (16") HEIGHT	1	156351
3	D-RING WELD ASS'Y	2	202623
	HARDWARE COMPLETE	1	203241
	3/8" x 3/4" B.H.C.S.	2	811052*
	3/8" x 1 1/4" B.H.C.S.	2	811051*
	3/8" x 2 1/4" B.H.C.S.	2	811056*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
	3/8" LOCK WASHER	6	817334*
	3/8" T-NUT	4	804556*
4	1/2" ANCHOR ROD	1	135038*
	3/8" FLAT WASHER	2	817410*

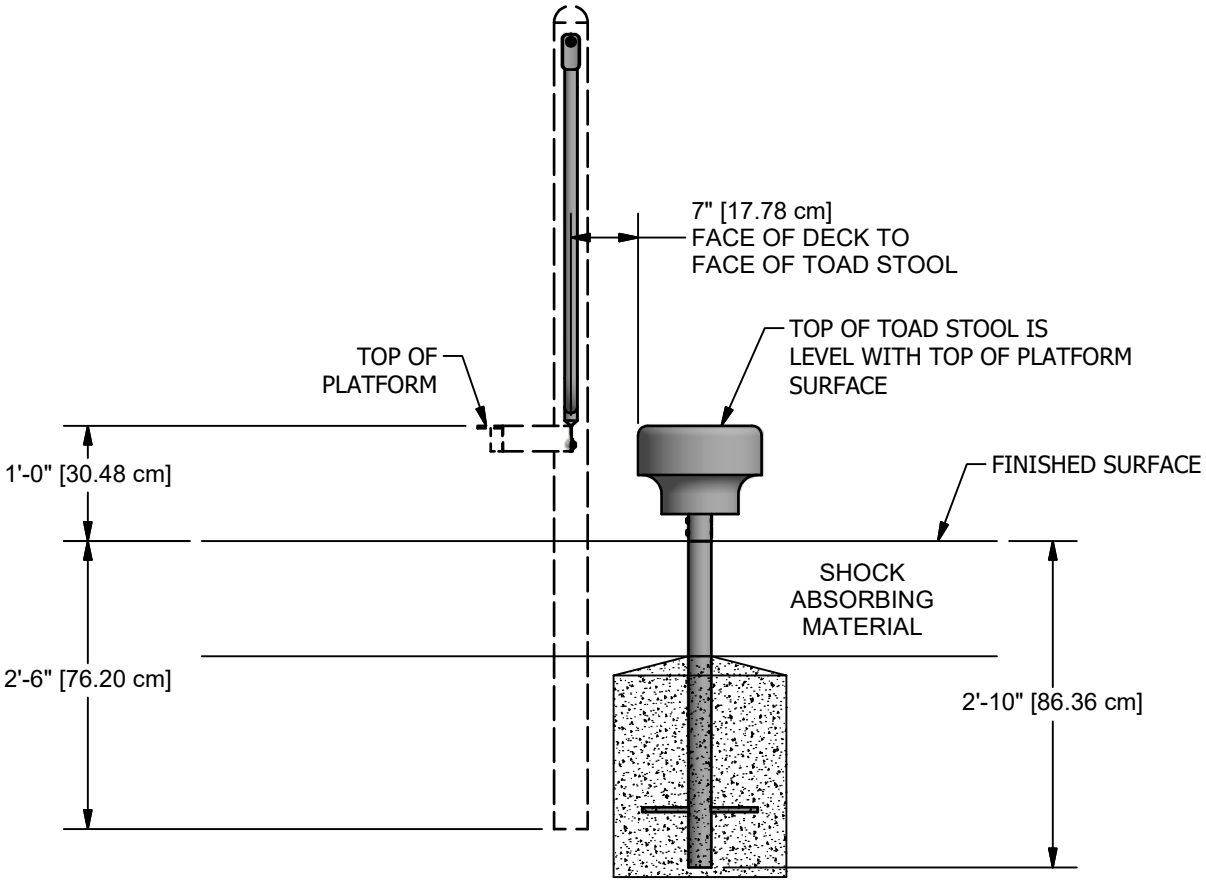
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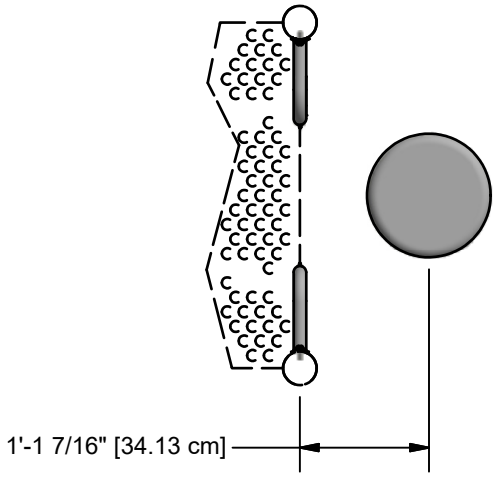
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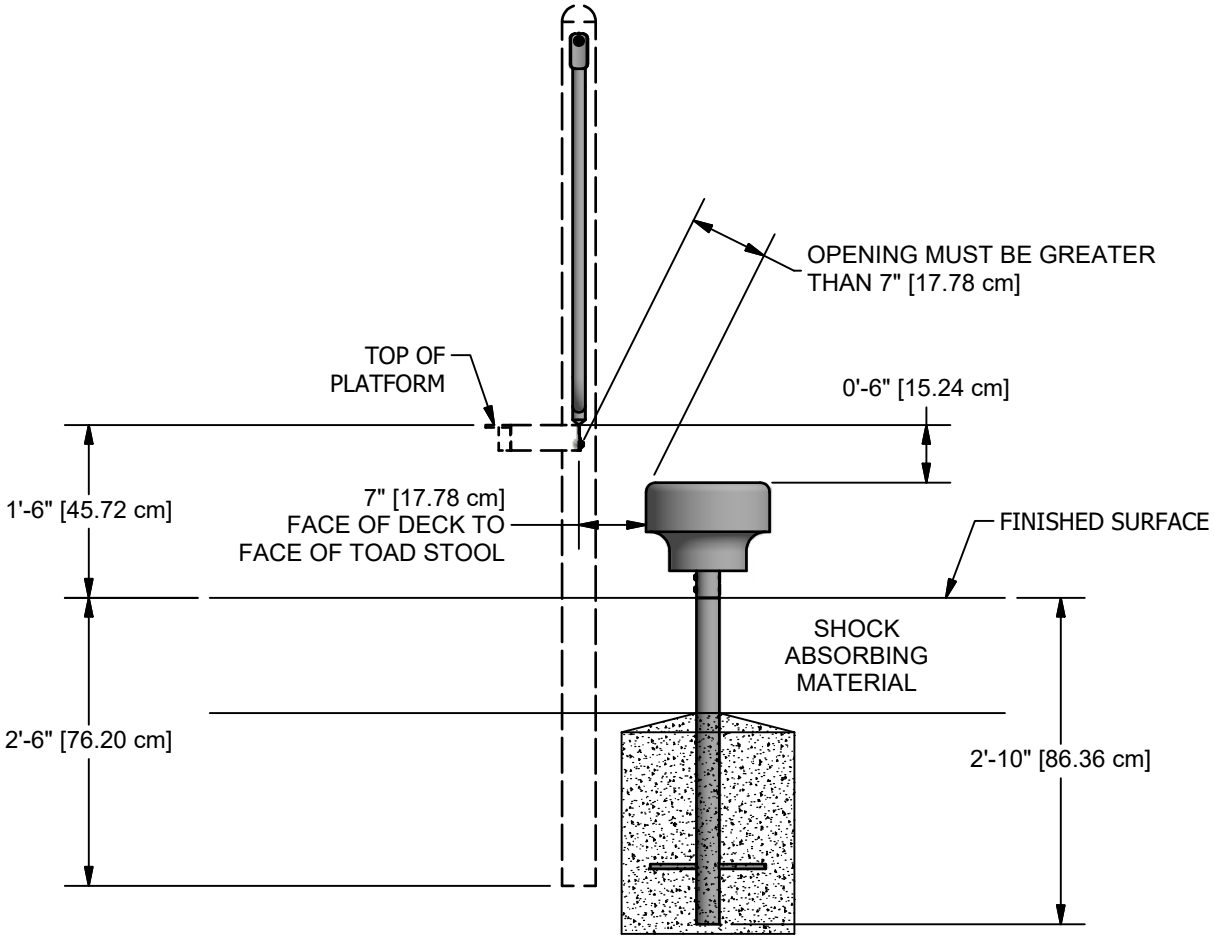
TOAD STOOLS SHALL BE NO GREATER THAN 12" (300 mm) APART WHEN INTENDED FOR USE BY 2 THROUGH 5 YEAR OLDS AND NO GREATER THAN 18" (460mm) APART WHEN INTENDED FOR USE BY 5 THROUGH 12 YEAR OLDS. THIS DIMENSION SHALL BE MEASURED EDGE TO EDGE BETWEEN ADJACENT TOAD STOOLS. THIS MEASUREMENT WILL BE HORIZONTAL WHEN ADJACENT TOAD STOOLS ARE THE SAME HEIGHT AND IT WILL BE DIAGONAL WHEN ADJACENT TOAD STOOLS ARE AT DIFFERENT HEIGHTS.



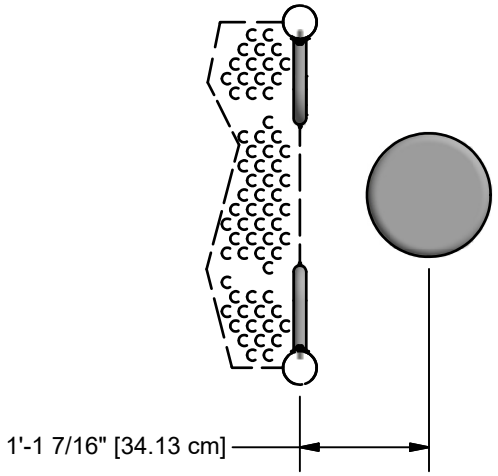
19147
1'-0" DECK HEIGHT
SHOWN



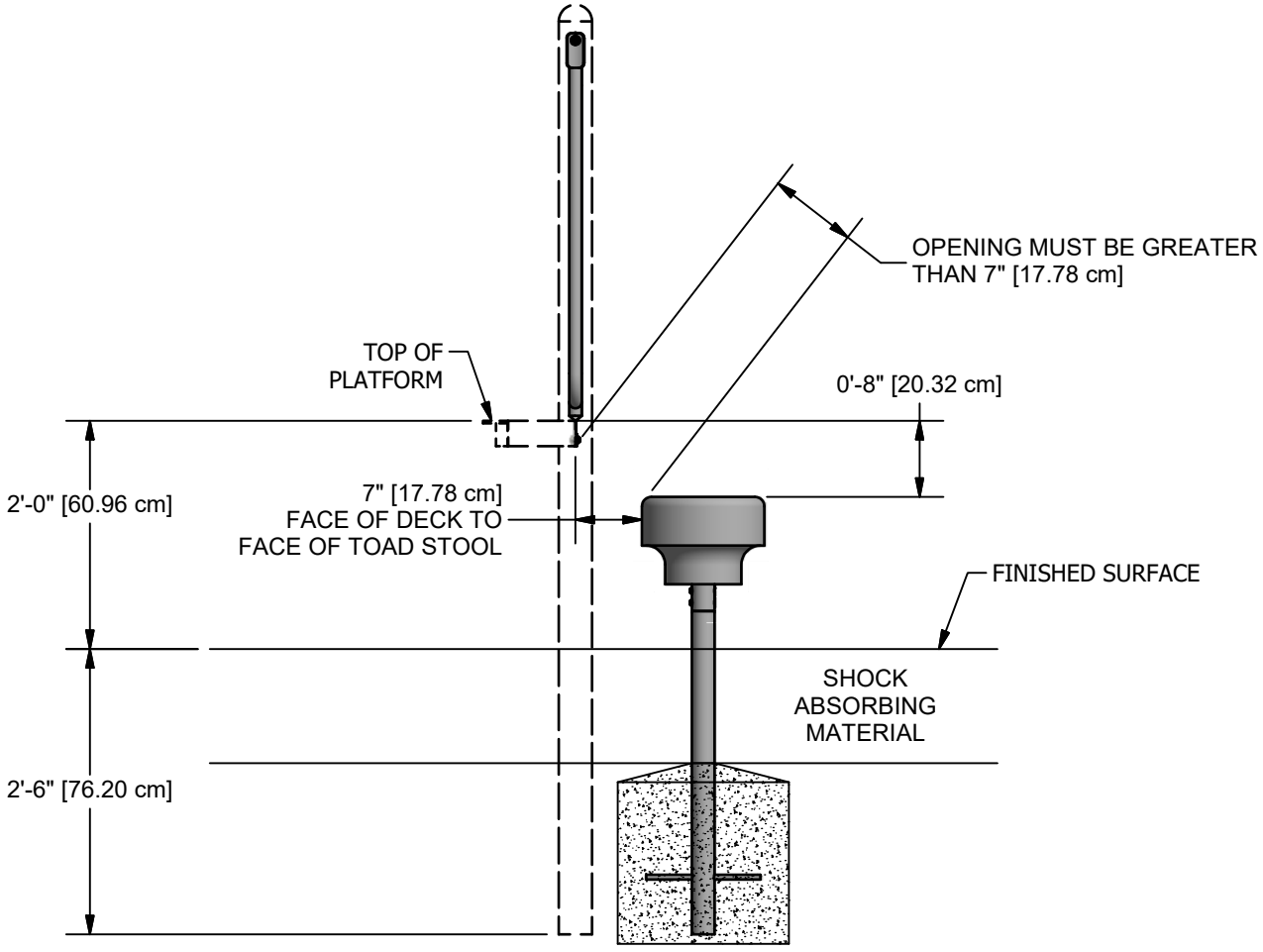
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19147
1'-6" DECK HEIGHT SHOWN



TOAD STOOLS SHALL BE NO GREATER THAN 12" (300 mm) APART WHEN INTENDED FOR USE BY 2 THROUGH 5 YEAR OLDS AND NO GREATER THAN 18" (460mm) APART WHEN INTENDED FOR USE BY 5 THROUGH 12 YEAR OLDS. THIS DIMENSION SHALL BE MEASURED EDGE TO EDGE BETWEEN ADJACENT TOAD STOOLS. THIS MEASUREMENT WILL BE HORIZONTAL WHEN ADJACENT TOAD STOOLS ARE THE SAME HEIGHT AND IT WILL BE DIAGONAL WHEN ADJACENT TOAD STOOLS ARE AT DIFFERENT HEIGHTS.



19147
2'-0" DECK HEIGHT
SHOWN

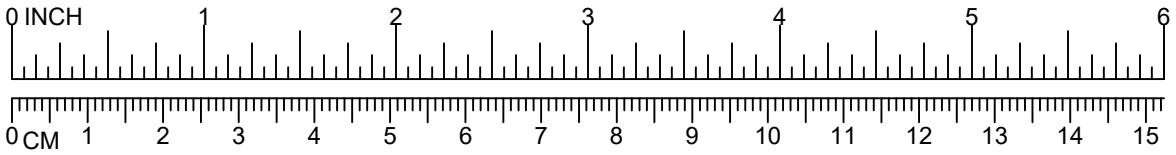
DETAILS -for-
19147

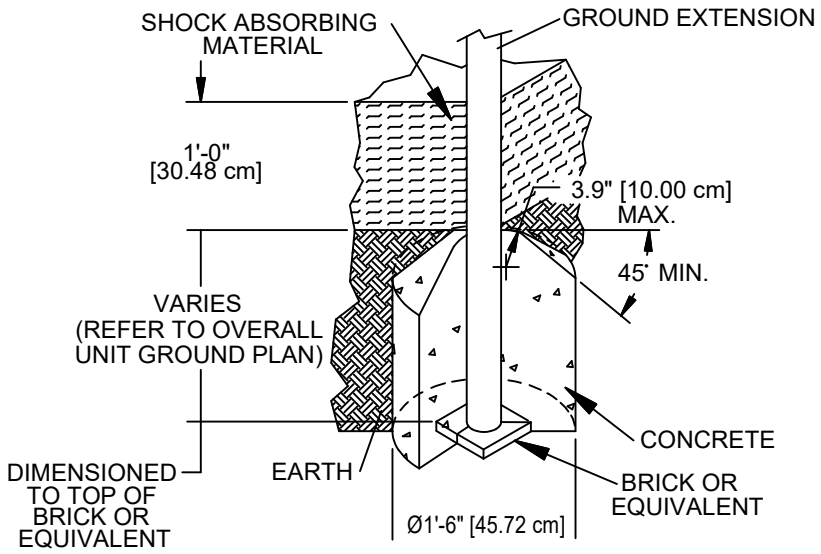
*I*MPORTANT

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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.

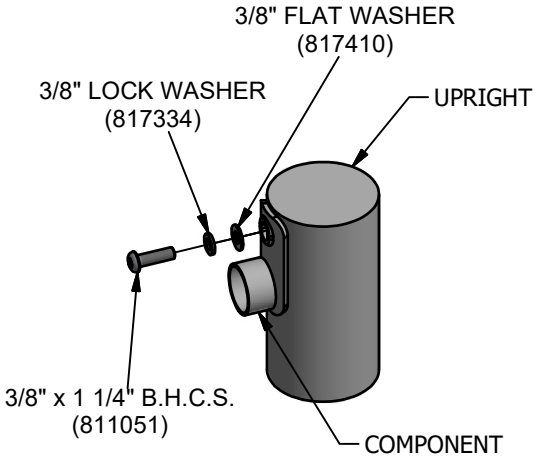




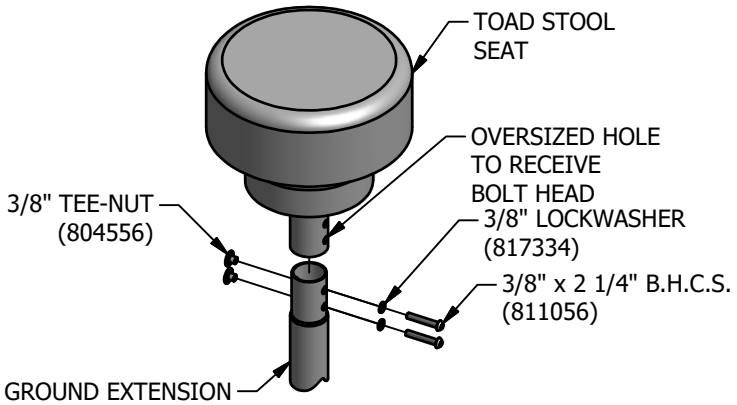
NOTES:
-SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
-SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

005

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



004



NOTE: AFTER ASSEMBLY IS COMPLETED, PEEN T-NUTS TO MATCH RADIUS OF PIPE.

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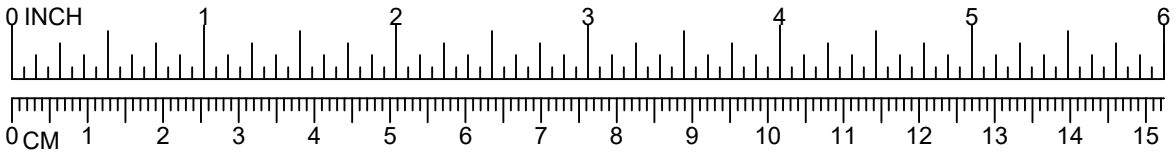
DETAILS -for-
19147

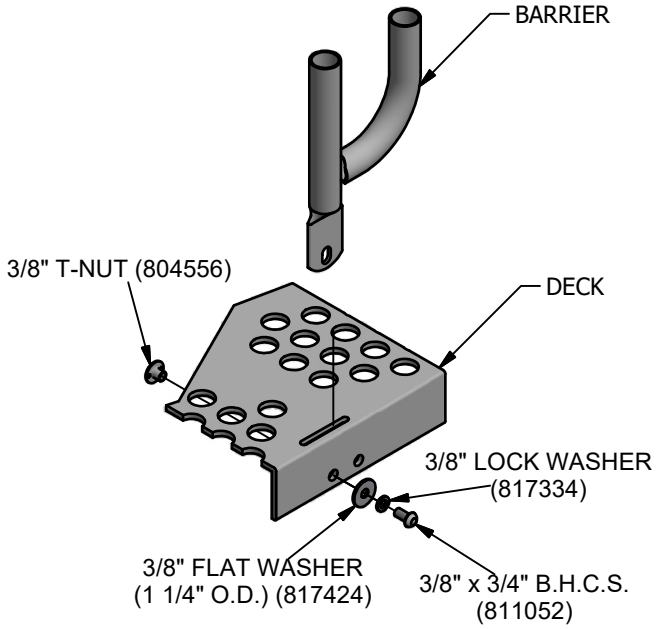
*I*MPORTANT

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.





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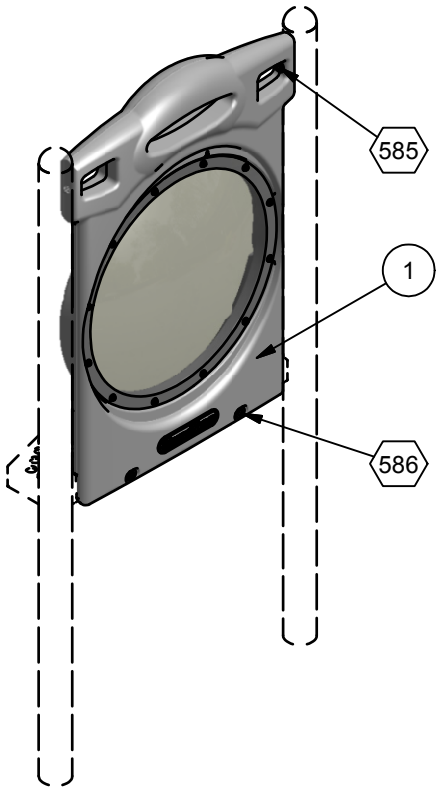
ISSUED/REVISED: 10/27/11

19198
BUBBLE PANEL

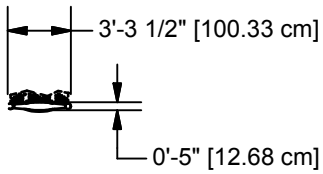
⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE





ASSEMBLY DRAWING



TOP 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.

Parts List			
REF.	DESCRIPTION	19198	PART NUMBER
1	BUBBLE PANEL 26" DIA.	1	203034
	HARDWARE COMPLETE	1	203183
	3/8" x 1 1/2"B.H.C.S.	2	811053*
	3/8" x 2 1/4" B.H.C.S.	2	811056*
	3/8" FLAT WASHER (1 1/4" O.D.)	4	817424*
	3/8" LOCKWASHER	4	817334*
	3/8" T-NUT	2	804353*

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.

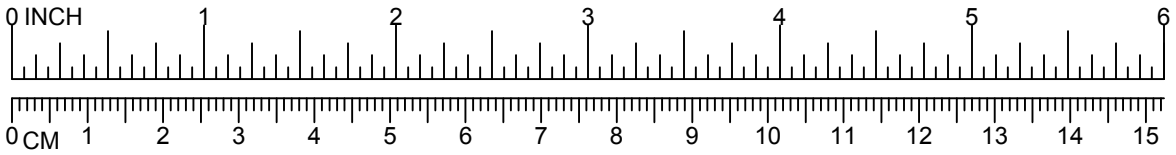
DETAILS -for-
19198

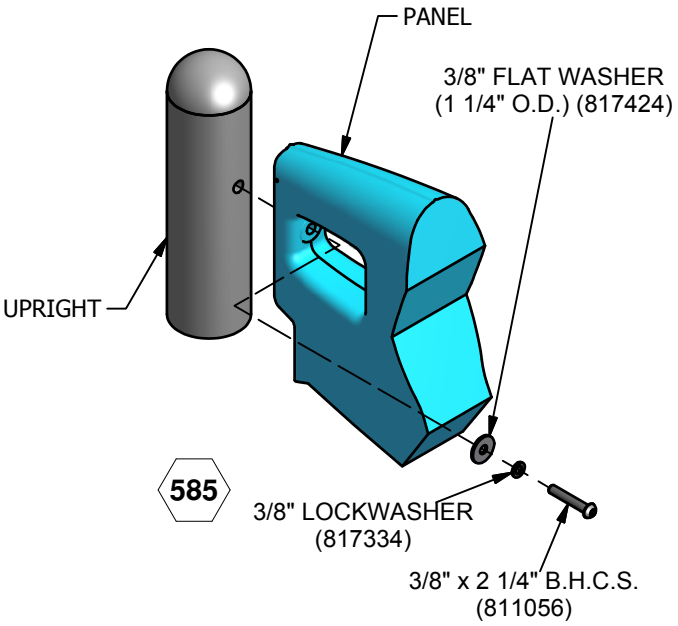
*I*MPORTANT

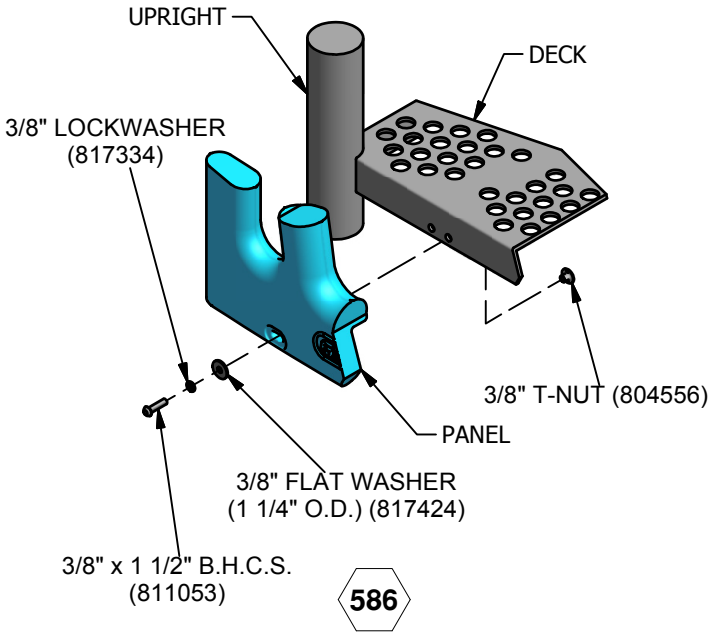
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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.







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ISSUED/REVISED: 1/17/17

19214
RUNG ENCLOSURE

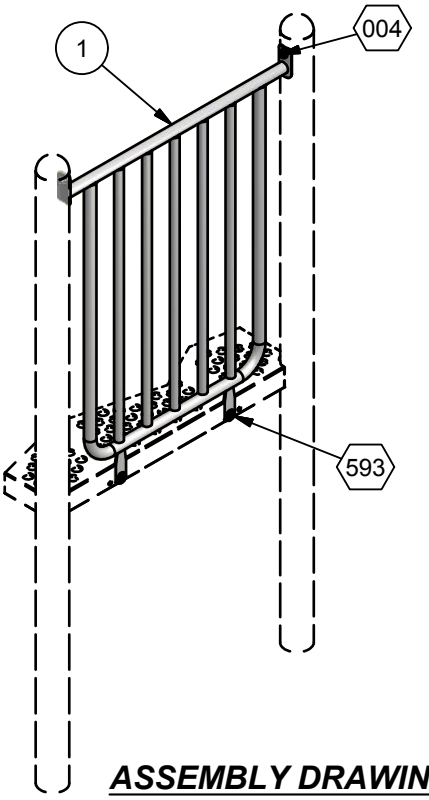
⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

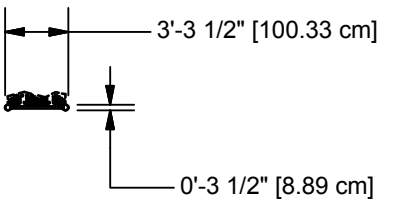


INSTALLATION INSTRUCTIONS

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



ASSEMBLY DRAWING



TOP VIEW

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	RUNG ENCLOSURE ASSEMBLY	1	203061
	HARDWARE COMPLETE	1	202959
	3/8" x 3/4" B.H.C.S.	2	811052*
	3/8" x 1 1/4" B.H.C.S.	2	811051*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
	3/8" LOCKWASHER	4	817334*
	3/8" T-NUT	2	804556*
	3/8" FLAT WASHER	2	817410*

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

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

Note: 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.

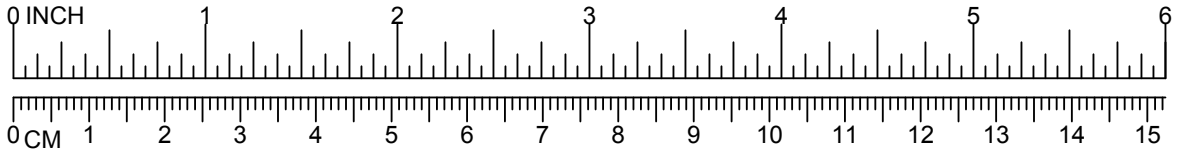
DETAILS -for-
19214

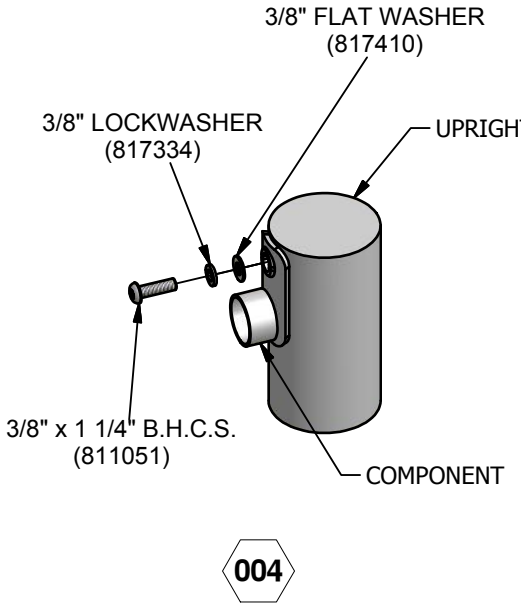
IMPORTANT

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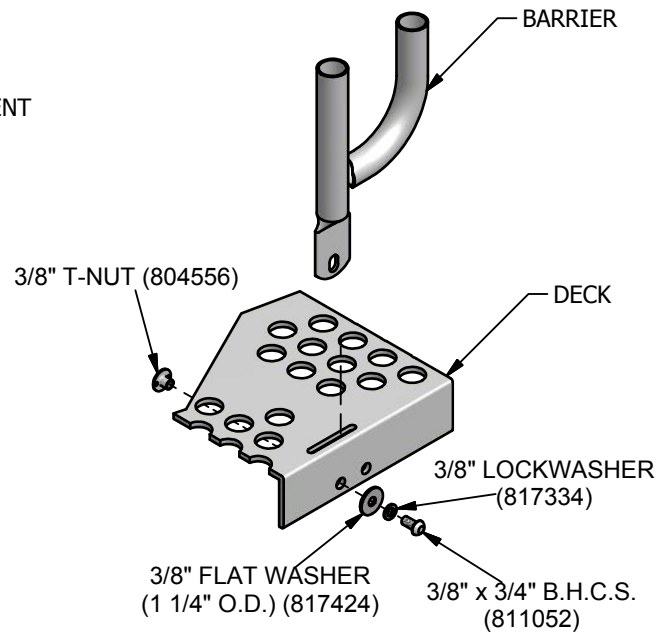
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





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ISSUED/REVISED: 8/15/18

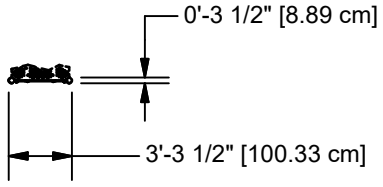
19241 MAZE PANEL

⬡ = INSTALLATION DETAIL

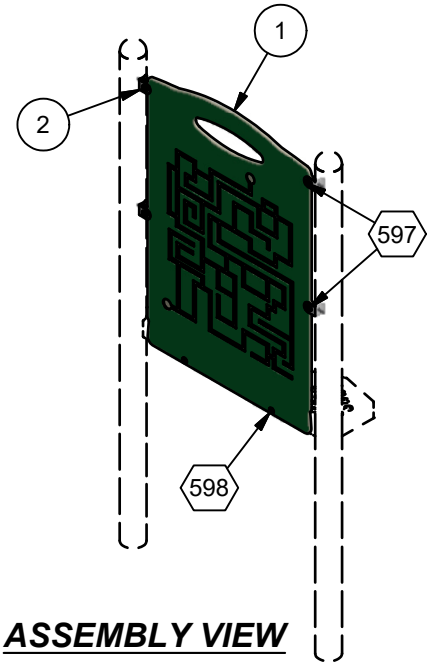
◯ = PARTS LIST REFERENCE

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



TOP VIEW



ASSEMBLY VIEW

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	MAZE PANEL	1	203110
2	FORMED TAB	4	169926
	HARDWARE COMPLETE	1	214376
	3/8" x 3/4" B.H.C.S.	4	811052*
	3/8" x 1 1/4" B.H.C.S.	4	811051*
	3/8" x 1 1/2" B.H.C.S.	2	811053*
	3/8" LOCK WASHER	10	817334*
	3/8" FLAT WASHER	10	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
	3/8" HEX NUT	2	804053*
	3/8" T-NUT	4	804556*

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

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

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

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

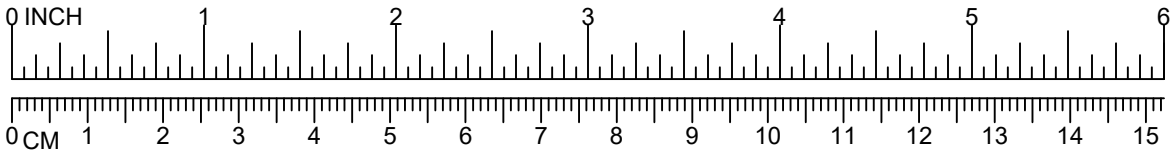
DETAILS -for-
19241

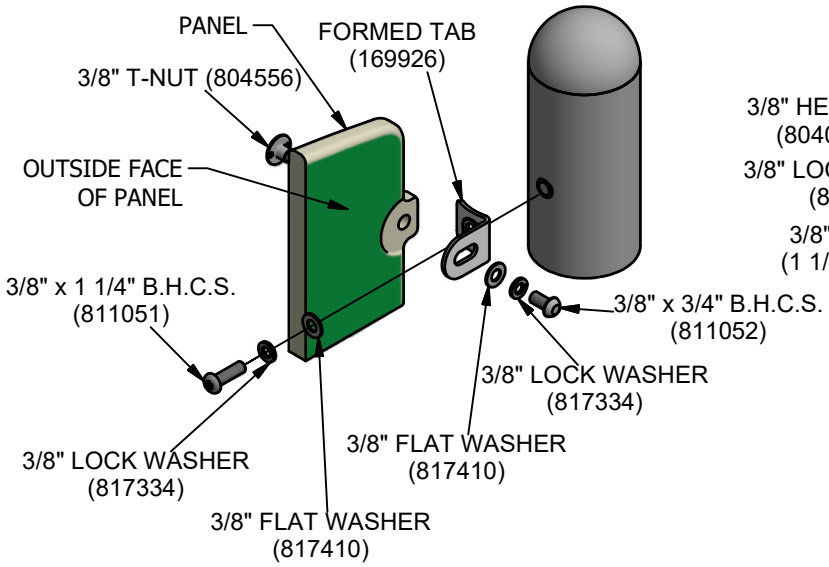
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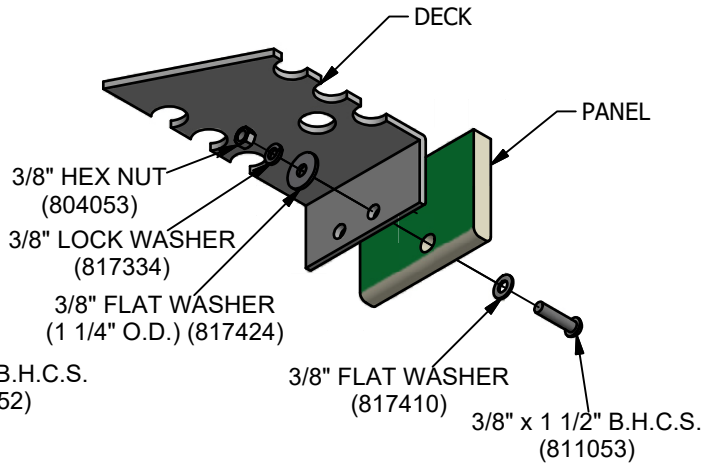
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





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ISSUED/REVISED: 10/25/19

19289
TWO PIECE
HEX DECK

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE



UP TO 5'-0" DECK HEIGHTS

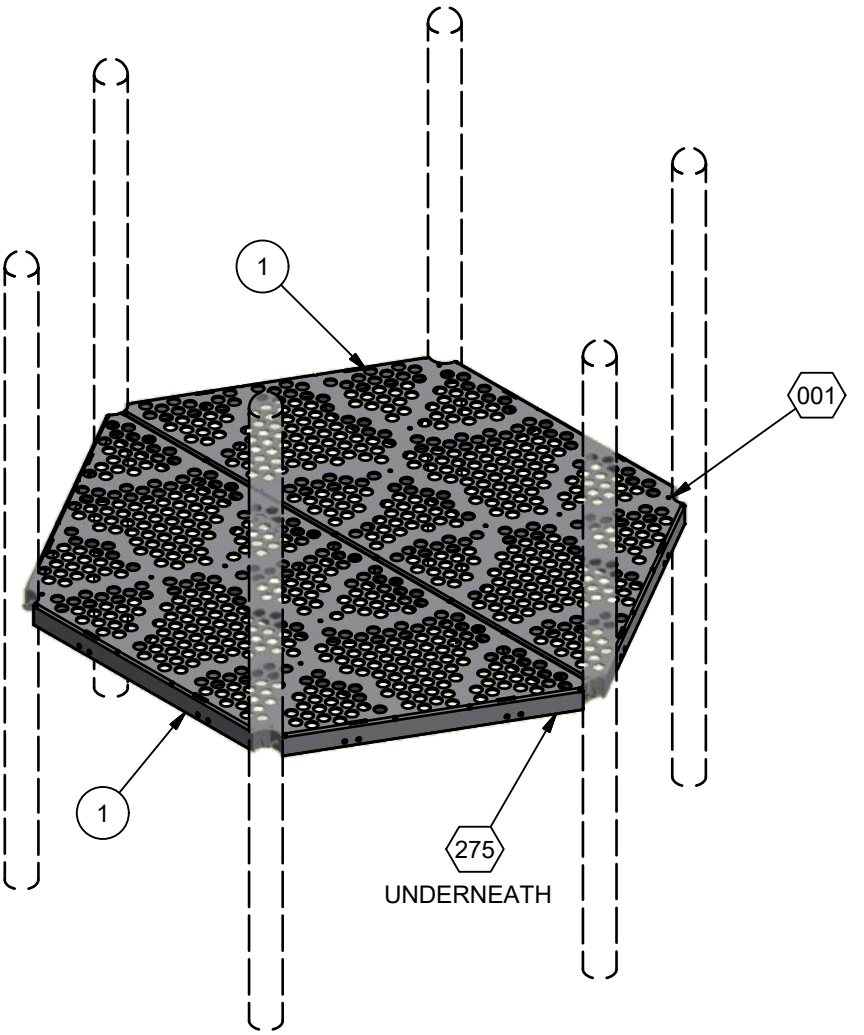


ALL DECK HEIGHTS

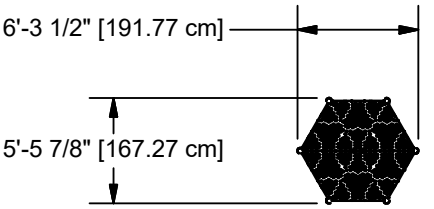
INSTALLATION INSTRUCTIONS

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 top view for quantity.
3. Attach deck to uprights using (1) Detail 001 per upright.
4. Loctite (supplied by others) should be used on all threaded hardware.
5. Fasten decks together using (11) Detail 275.

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



ASSEMBLY DRAWING

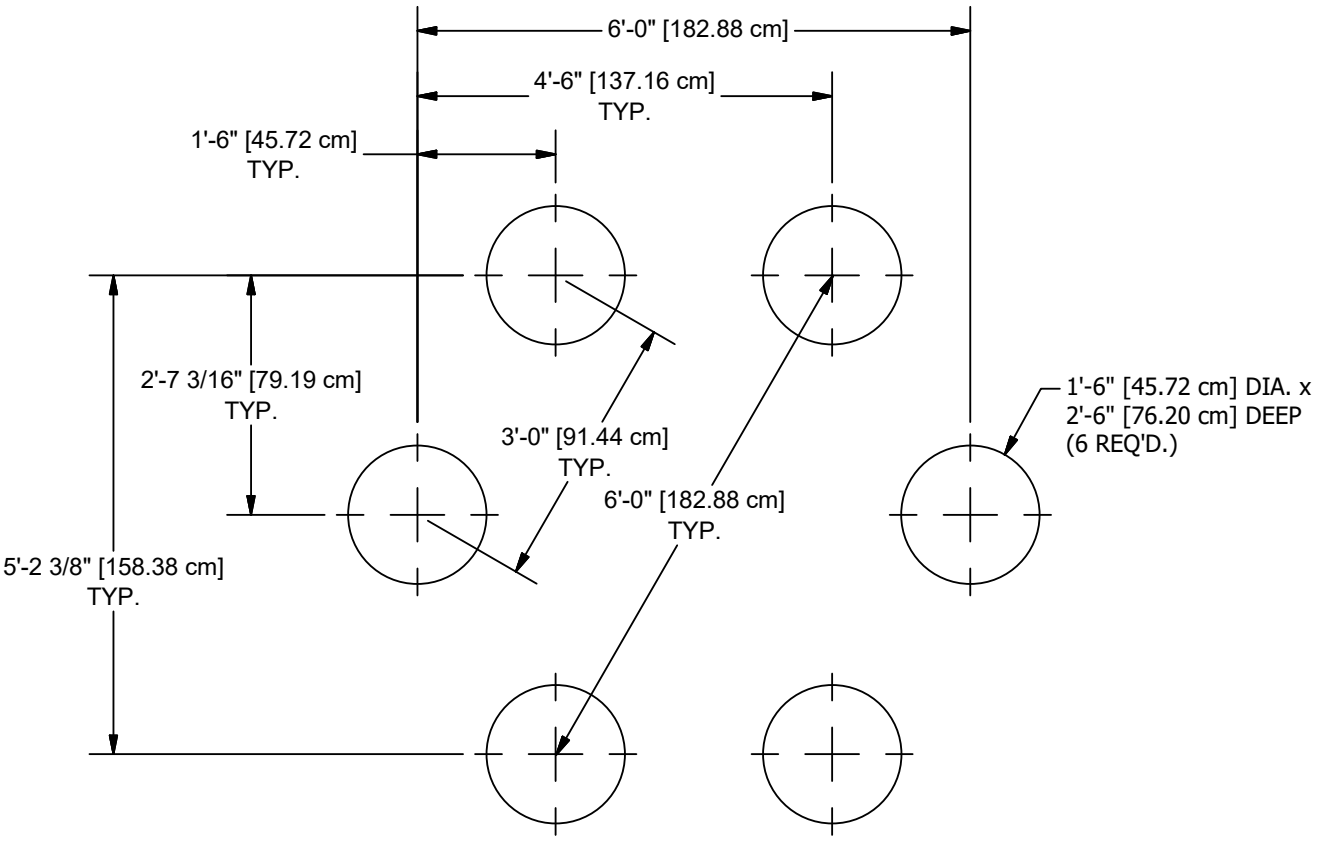


TOP VIEW

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	COATED TWO PIECE HEX DECK	2	204935
	HARDWARE COMPLETE	1	204962
	3/8" x 3/4" B.H.C.S.	7	811052*
	3/8" FLAT WASHER (1 1/4" O.D.)	19	817424*
	3/8" LOCK WASHER	19	817334*
	3/8" T-NUT	7	804556*
	3/8" x 1 1/2" B.H.C.S.	12	811053*

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

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.



CONCRETE REQUIRED
.59 Cubic Yards
[.45 Cubic Meters]

GROUND PLAN

NOTE: Hole depths indicated on all ground plans are measured from the finished surface. See Detail 005. All footing dimensions are based on level finished surface.

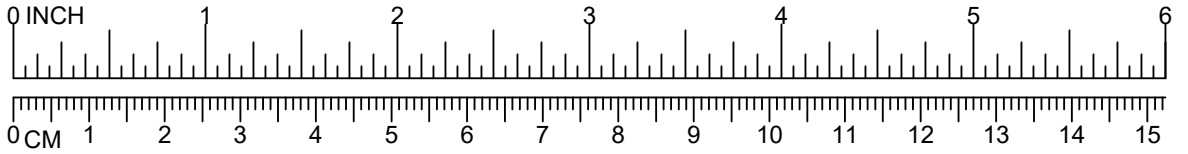
DETAILS -for-
19289

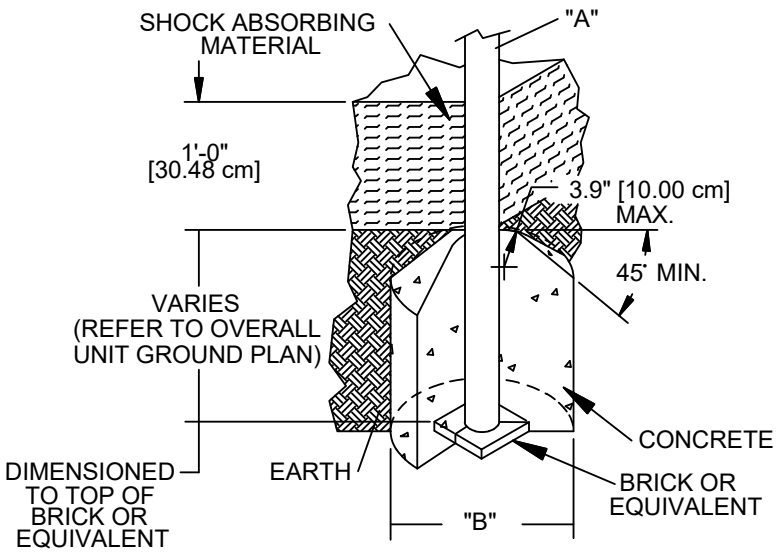
IMPORTANT

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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.



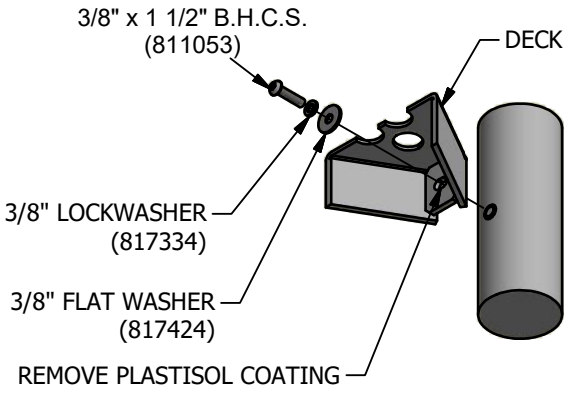


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
ARCH SWING	
5" [12.70 cm]	2'-0" [60.96 cm]

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

005

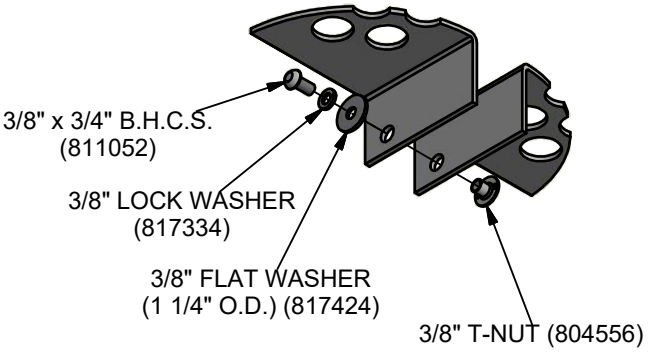
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.



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

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

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ISSUED/REVISED: 4/03/2024

19382 WILDER SLIDE II

= INSTALLATION DETAIL

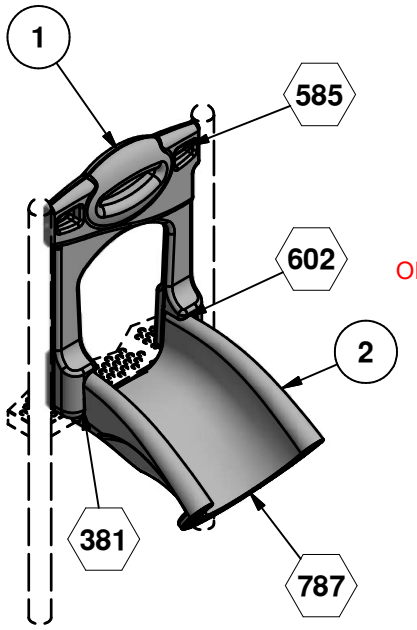
= PARTS LIST REFERENCE



UP TO 5'-0"

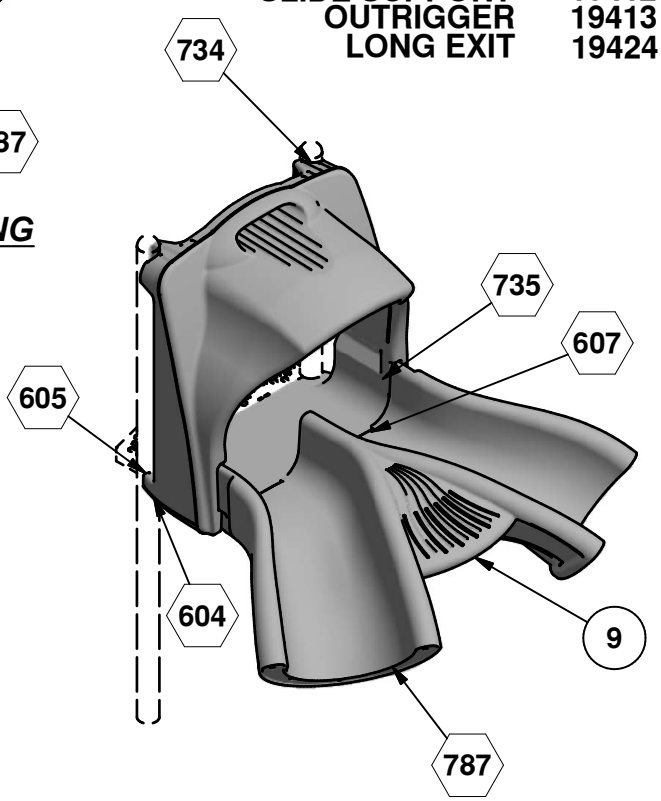


UP TO 8'-0"

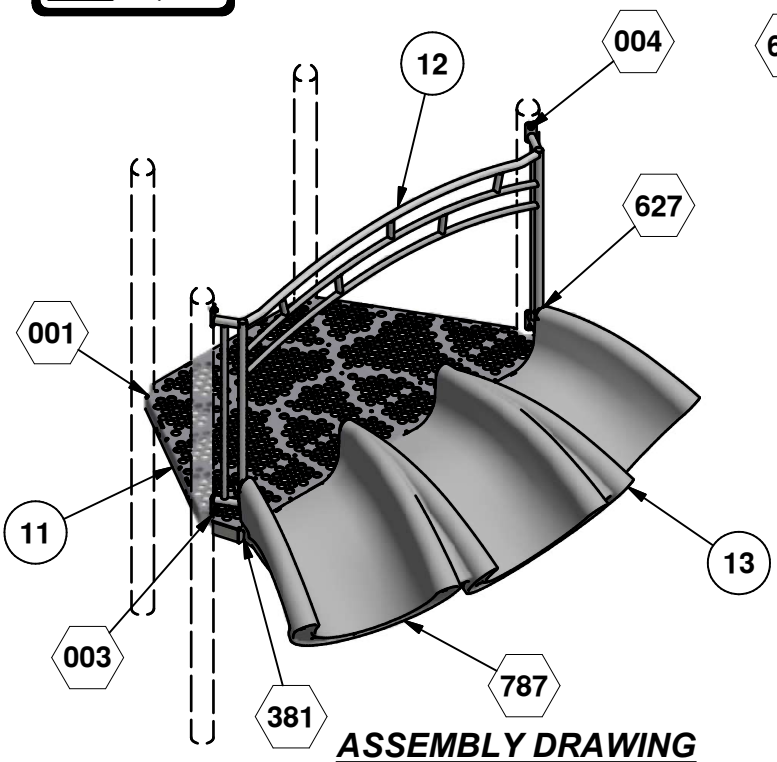


ASSEMBLY DRAWING
19382 SHOWN

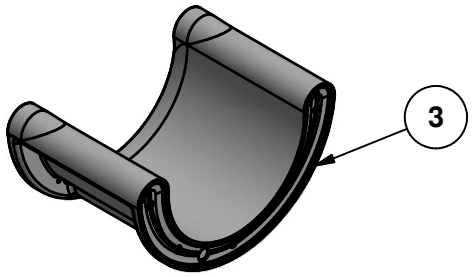
SINGLE ENTRANCE	19382
DOUBLE ENTRANCE	19464
TRIPLE ENTRANCE	19384
STRAIGHT	19385
CURVE LEFT	19386
CURVE RIGHT	19387
EXIT	19388
OBSOLETE ~~140° HELIX SPIRAL~~	~~19389~~
HELIX SPIRAL	19390
SLIDE SUPPORT	19391
SLIDE SUPPORT	19392
DOUBLE STRAIGHT	19403
SLIDE SUPPORT	19412
OUTRIGGER	19413
LONG EXIT	19424



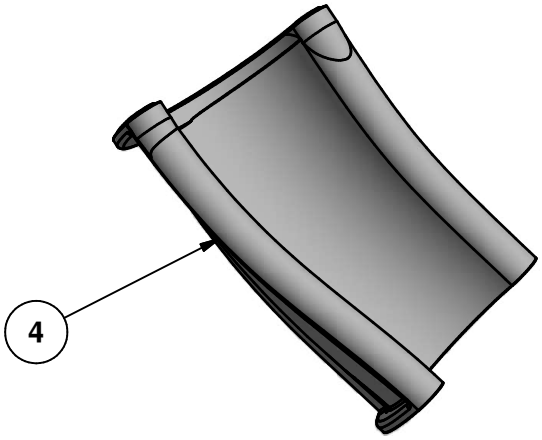
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19464 SHOWN



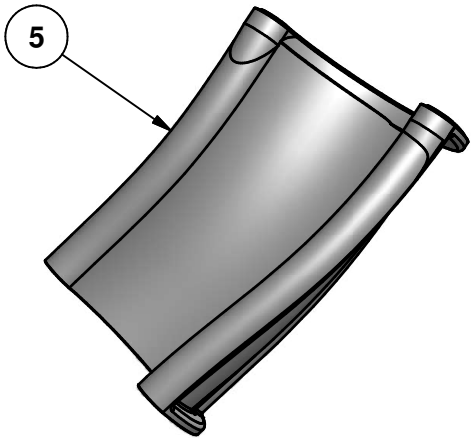
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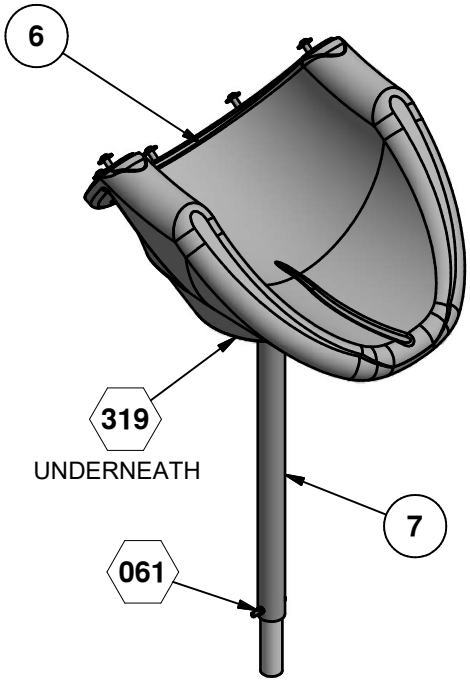
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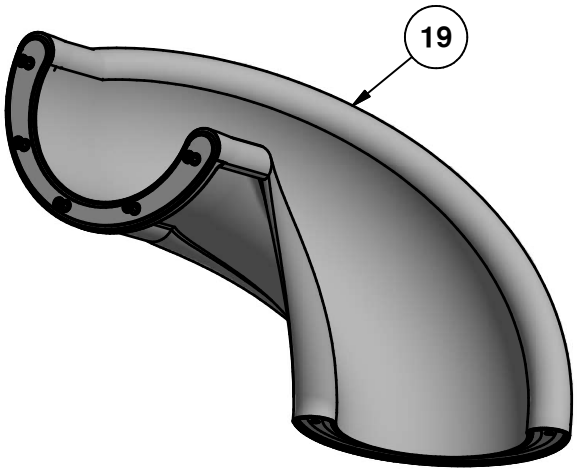
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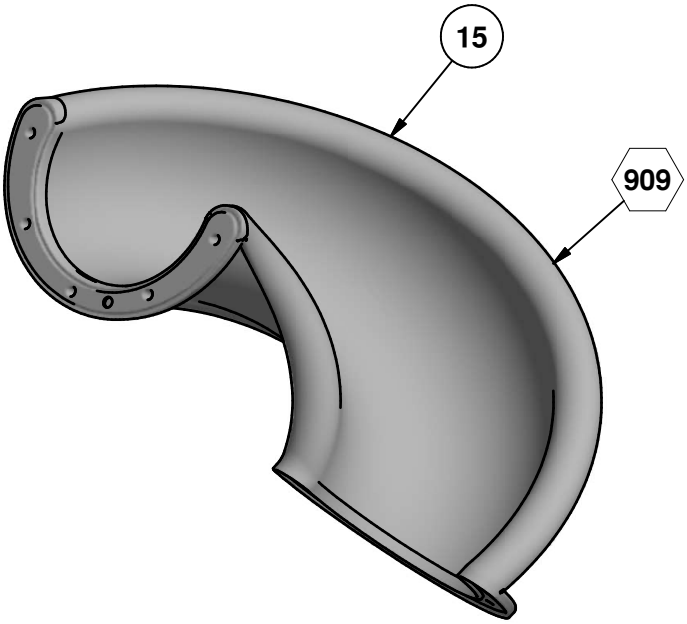
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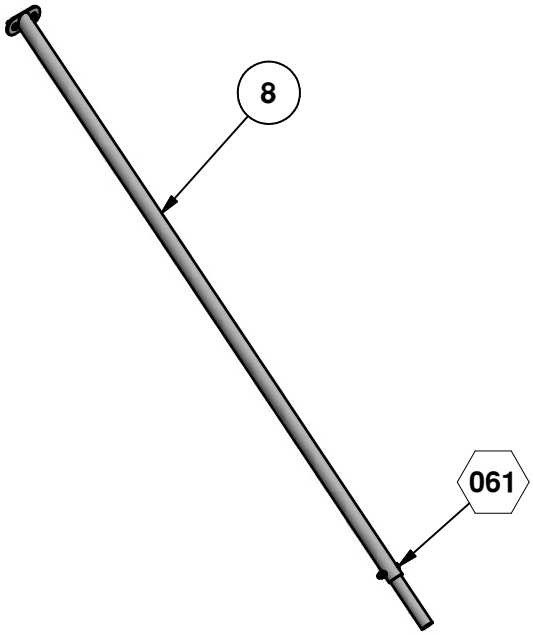
ASSEMBLY DRAWING
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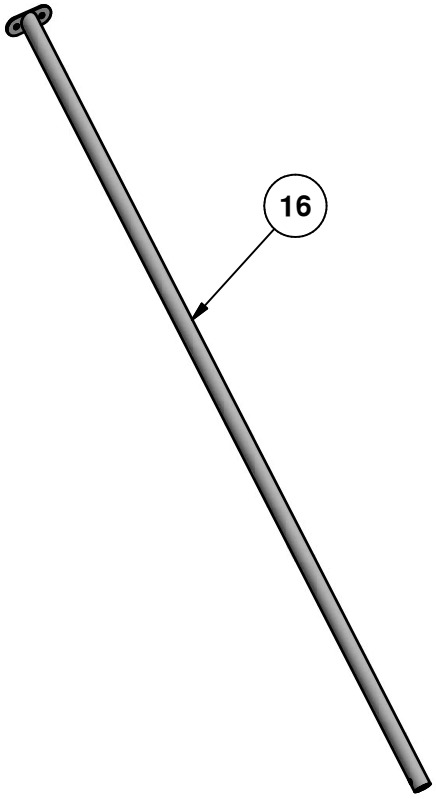
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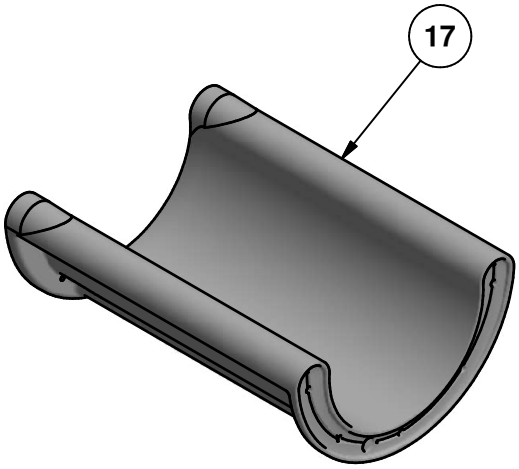
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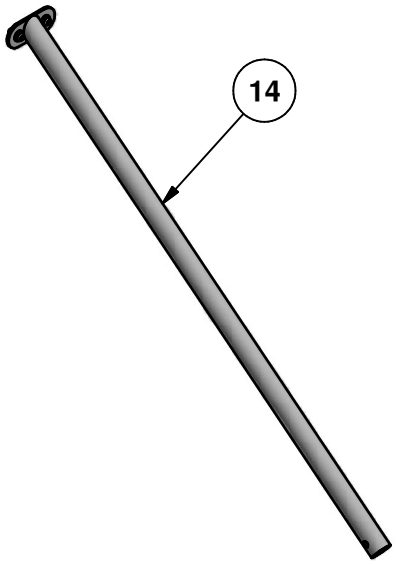
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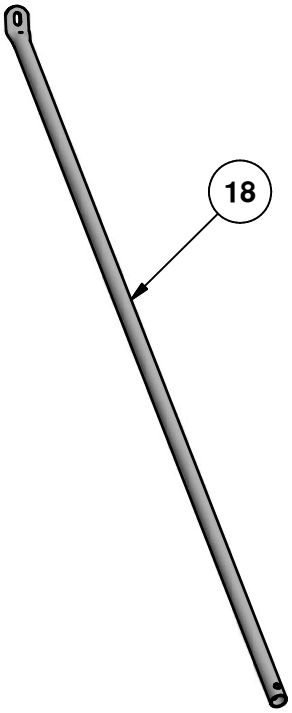
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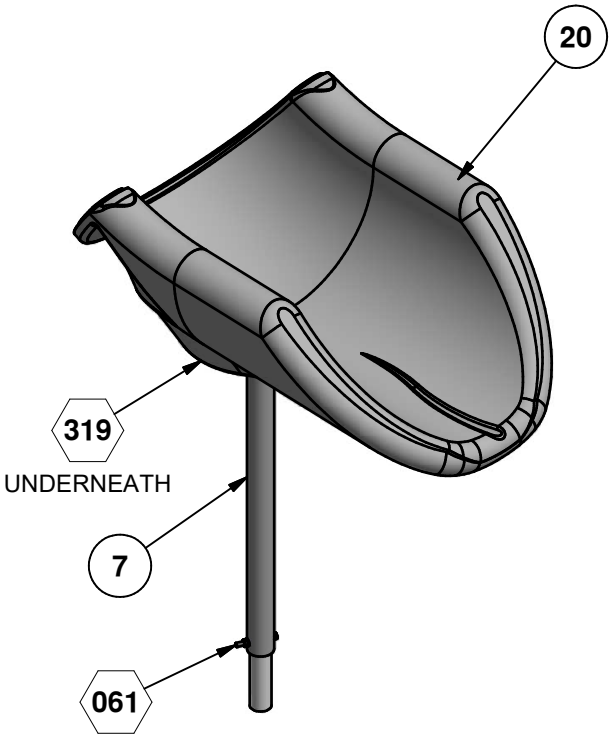
ASSEMBLY DRAWING
19403 SHOWN



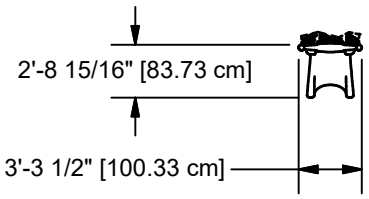
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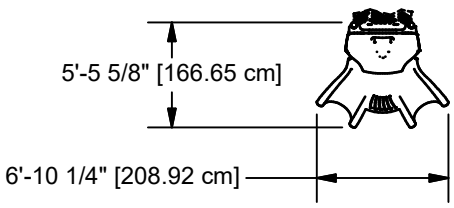
ASSEMBLY DRAWING
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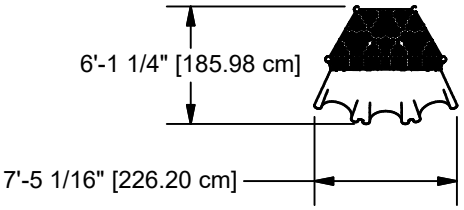
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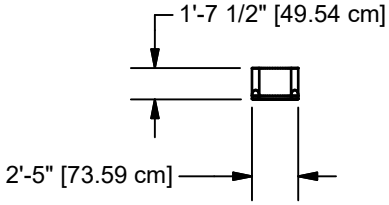
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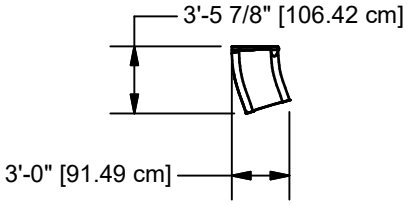
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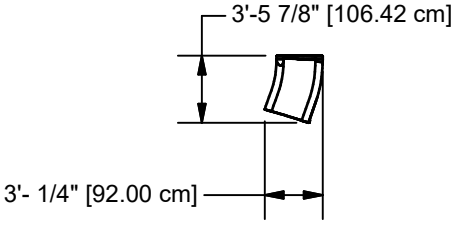
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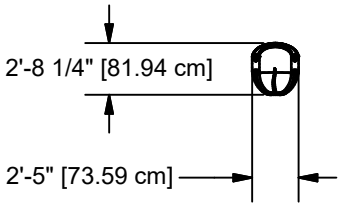
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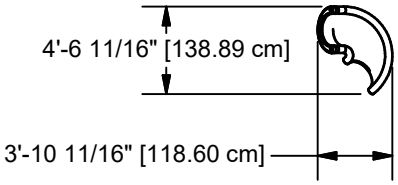
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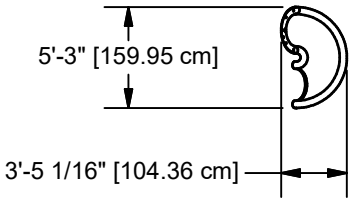
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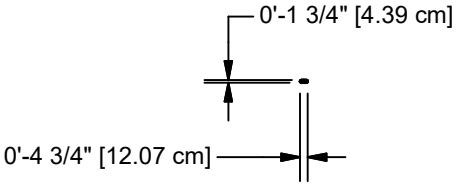
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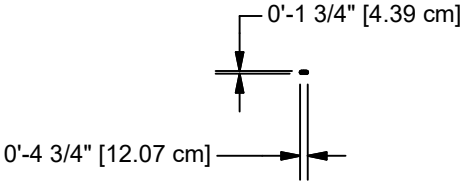
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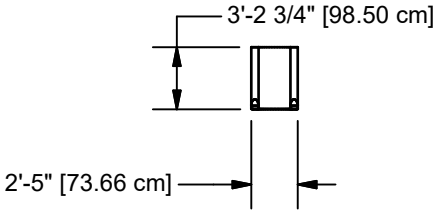
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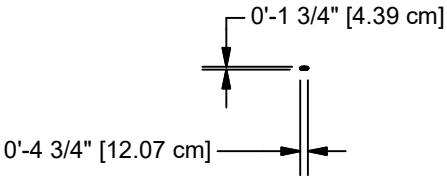
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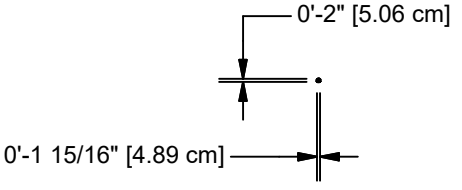
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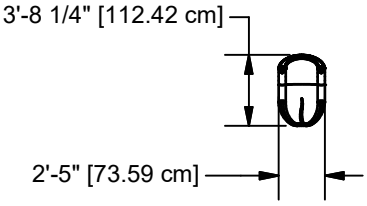
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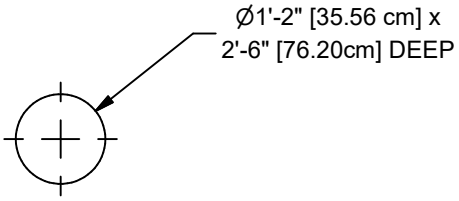
19413



19424

TOP VIEWS

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

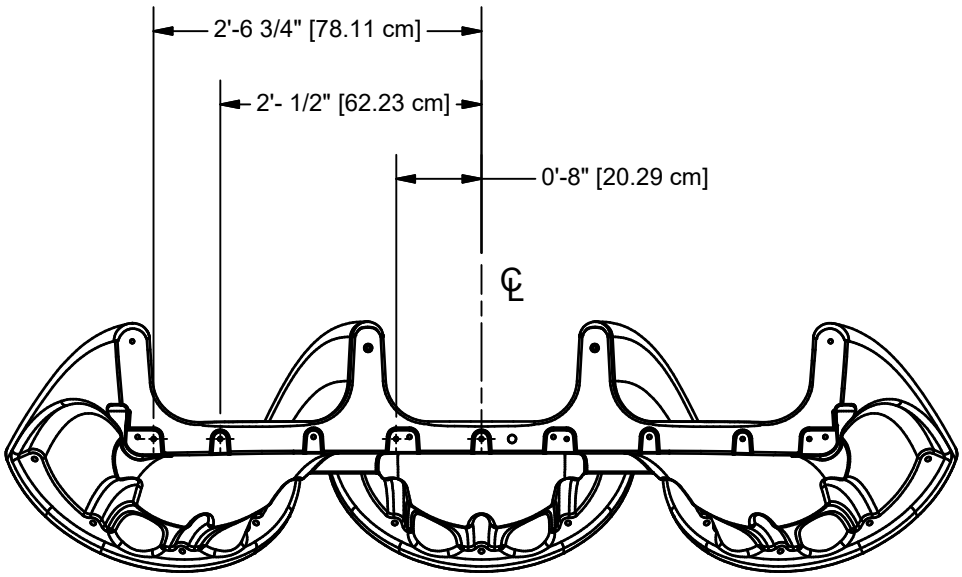


CONCRETE REQUIRED:
.06 CUBIC YARDS
[.05 CUBIC METERS]

PER GROUND HOLE
(DETERMINED BY CONFIGURATION)

NOTE:
NUMBER OF GROUND HOLES REQUIRED WILL BE DETERMINED BY SLIDE CONFIGURATION.

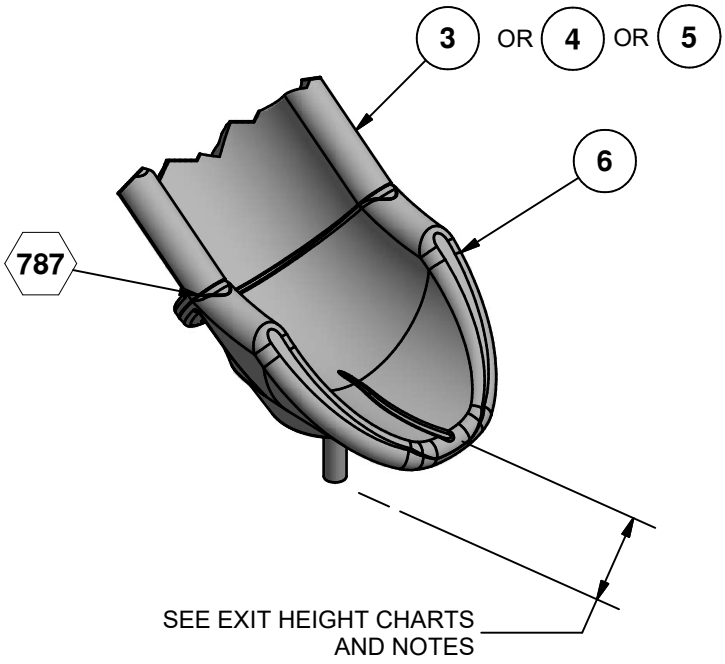
GROUND PLAN



NOTE:USE THESE INSERTS TO ATTACH TRIPLE ENTRANCE TO PLATFORM. CLEAN OUT HOLE LOCATIONS ON PLATFORM TO MATCH DIMENSIONS.

TRIPLE ENTRANCE HOLE PATTERN DETAIL

EXIT HEIGHT CHART	
DECK HEIGHT	EXIT HEIGHT
3'-0"	7 1/4" [18.42cm]
3'-6"	13 1/4" [33.66cm]
4'-0"	7 1 /4" [18.42 cm]
4'-6"	13 1/4" [33.66 cm]
5'-0"	7 1/4" [18.42cm]
5'-6"	13 1/4" [33.66 cm]
6'-0"	7 1/4" [18.42 cm]
6'-6"	13 1/4" [33.66 cm]
7'-0"	7 1/4" [18.42 cm]
7'-6"	13 1/4" [33.66 cm]
8'-0"	7 1/4" [18.42cm]

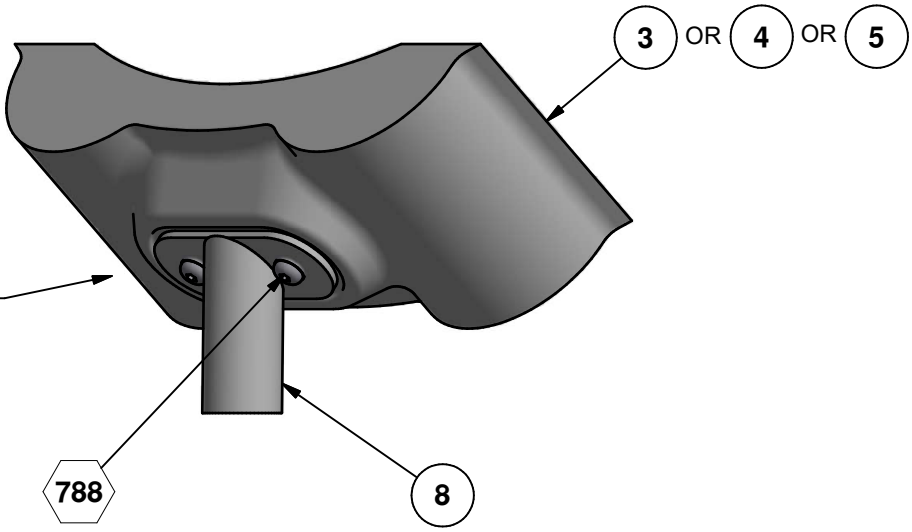


NOTE: CHECK SLIDE EXIT FOR PROPER WATER DRAINAGE BEFORE CONCRETE IS APPLIED

NOTE:
IF YOUR BUILDING A SINGLE ENTRANCE STRAIGHT SLIDE YOUR EXIT HEIGHT WILL BE AS FOLLOWS:

DECK HEIGHT	EXIT HEIGHT
7'-0"	8 3/4" [22.23cm]
7'-6"	14 3/4" [37.47cm]
8'-0"	11" [27.94cm]

EXIT SECTION ASSEMBLY DRAWING



NOTE: SUPPORT ATTACHES TO THE THIRD MOUNTING PAD UP FROM BOTTOM

EXCEPT WHEN A HELIX SPIRAL IS USED.

IF HELIX SPIRAL IS USED THEN SUPPORT WILL ATTACH TO THE FIRST DOWNWARD HELIX SPIRAL.

SLIDE SUPPORT ASSEMBLY DRAWING

INSTALLATION INSTRUCTIONS

SINGLE BEDWAY SLIDES

1. Before assembling this equipment, read the enclosed *INSTALLATION INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in *ASSEMBLY DRAWINGS*. Refer to the assembly details for the specific hardware required in each connection.
3. Attach Zip Slide Hood using Detail 585.
4. Attach Footbuck to Exit Section using Detail 319.
5. Assemble all slide sections on the ground. Bolt each section together using the hardware shown in Detail 787. Hand tighten the five bolts that join each section.

Note: Refer to your units Top View for proper placement and orientation of each slide section.

6. Once all sections are bolted together, hand tight, install the slide to the Zip Slide Hood and platform using Detail 381 and Detail 602.
7. Starting at the top section, tighten the five bolts with a wrench. Tighten the top 2 bolts first, the bottom single bolt second, then the remaining 2 bolts as shown, See Figure #1.
8. It is important that each seam between slide sections are as tight as possible. Be sure that the seams are flush or higher on the upper piece. See Figure #2.
9. After tightening all the pieces, if seam adjustment is necessary, slightly loosen the bolts in the area to be adjusted and repeat step 7 and 8 until seams are properly fitted.
10. After the slide is adjusted and the bolts are tight, attach the slide support using Detail 659 (if required).
11. Use Detail 660 to plug inserts in Straight and Curved Sections as required.
12. Attach Outrigger to Spirals if required using Detail 840.

DOUBLE BEDWAY SLIDES

1. Before assembling this equipment, read the enclosed *INSTALLATION INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in *ASSEMBLY DRAWINGS*. Refer to the assembly details for the specific hardware required in each connection.
3. Attach Double Slide Hood using Detail 734, Detail 604, and Detail 605.
4. Attach Footbucks to Exit Sections using Detail 319.
5. Attach the Double Entrance Section using Detail 735 and Detail 607.
6. Assemble all slide sections on the ground. Bolt each section together using the hardware shown in Detail 787. Hand tighten the five bolts that join each section.

Note: Refer to your units Top View for proper placement and orientation of each slide section.

7. Once all sections are bolted together, hand tight, install the slides to the Double Entrance Section using Detail 787.
8. Starting at the top section, tighten the five bolts with a wrench. Tighten the top 2 bolts first, the bottom single bolt second, then the remaining 2 bolts as shown, See Figure #1.
9. It is important that each seam between slide sections are as tight as possible. Be sure that the seams are flush or higher on the upper piece. See Figure #2.
10. After tightening all the pieces, if seam adjustment is necessary, slightly loosen the bolts in the area to be adjusted and repeat step 8 and 9 until seams are properly fitted.
11. After the slide is adjusted and the bolts are tight, attach the slide supports using Detail 659 (if required).
12. Use Detail 660 to plug inserts in Straight and Curved Sections as required.
13. Attach Outrigger to Spirals if required using Detail 840.

TRIPLE BEDWAY SLIDES

1. Before assembling this equipment, read the enclosed *INSTALLATION INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in *ASSEMBLY DRAWINGS*. Refer to the assembly details for the specific hardware required in each connection.
3. Attach the four Uprights to Triple Slide Deck using Detail 001.
4. Attach Triple Slide Enclosure using Detail 003 and Detail 004.
5. Attach Footbucks to Exit Sections using Detail 319.
6. Attach the Triple Entrance Section using Detail 381 and Detail 627.
7. Assemble all slide sections on the ground. Bolt each section together using the hardware shown in Detail 787. Hand tighten the five bolts that join each section.

Note: Refer to your units Top View for proper placement and orientation of each slide section.

8. Once all sections are bolted together, hand tight, install the slides to the Triple Entrance Section using Detail 787.
9. Starting at the top section, tighten the five bolts with a wrench. Tighten the top 2 bolts first, the bottom single bolt second, then the remaining 2 bolts as shown, See Figure #1.
10. It is important that each seam between slide sections are as tight as possible. Be sure that the seams are flush or higher on the upper piece. See Figure #2.
11. After tightening all the pieces, if seam adjustment is necessary, slightly loosen the bolts in the area to be adjusted and repeat step 9 and 10 until seams are properly fitted.
12. After the slide is adjusted and the bolts are tight, attach the slide supports using Detail 659 (if required).
13. Use Detail 660 to plug inserts in Straight and Curved Sections as required.
14. Attach Outrigger to Spirals if required using Detail 840.

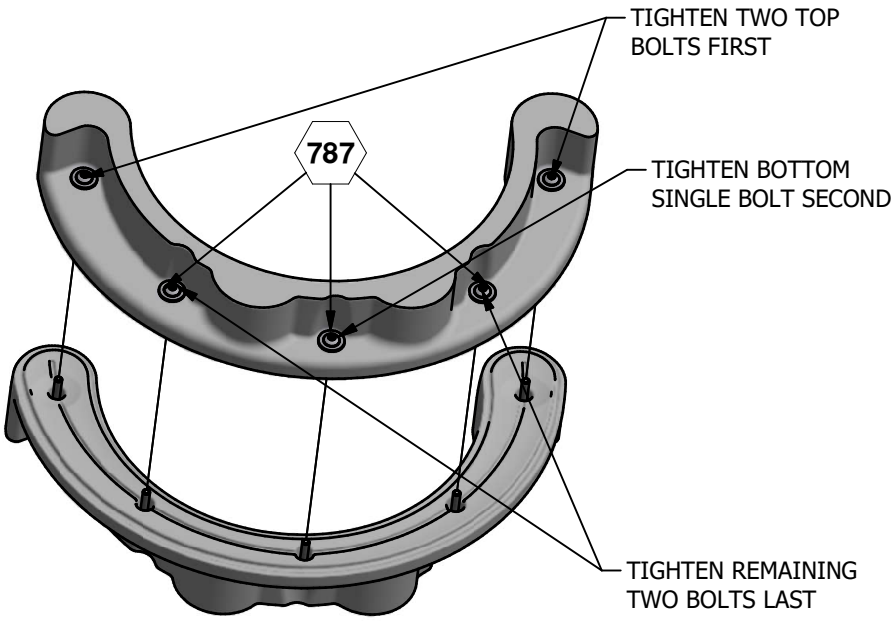


FIGURE #1

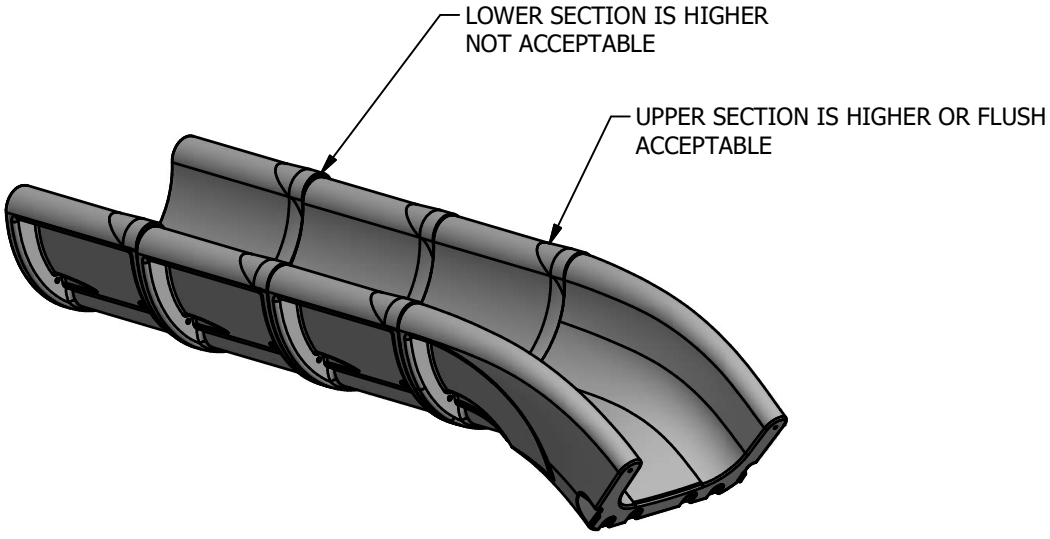


FIGURE #2

Parts List									
REF.	DESCRIPTION	19382	19464	19384	19385	19386	19387	19388	PART NUMBER
1	ZIP SLIDE ENTRANCE	1	0	0	0	0	0	0	202636
2	SINGLE ENTRANCE SECTION	1	0	0	0	0	0	0	205960
3	STRAIGHT SECTION	0	0	0	1	0	0	0	205962
4	CURVED LEFT SECTION	0	0	0	0	1	0	0	205963
5	CURVED RIGHT SECTION	0	0	0	0	0	1	0	205964
6	EXIT	0	0	0	0	0	0	1	206179
7	FOOTBUCK WELD ASS'Y	0	0	0	0	0	0	1	204879
8	SUPPORT ASS'Y	0	0	0	0	0	0	0	312634
9	DOUBLE ENTRANCE SECTION	0	1	0	0	0	0	0	206167
10	DOUBLE SLIDE HOOD	0	1	0	0	0	0	0	214527
11	COATED TRIPLE SLIDE DECK	0	0	1	0	0	0	0	207568
12	TRIPLE SLIDE ENCLOSURE WELD ASS'Y	0	0	1	0	0	0	0	207561
13	TRIPLE ENTRANCE SECTION	0	0	1	0	0	0	0	206168
14	SLIDE SUPPORT	0	0	0	0	0	0	0	208976
15	HELIX SPIRAL	0	0	0	0	0	0	0	206170
16	SUPPORT ASS'Y	0	0	0	0	0	0	0	312637
17	DOUBLE STRAIGHT SECTION	0	0	0	0	0	0	0	207601
18	OUTRIGGER	0	0	0	0	0	0	0	209049
19	HELIX SPIRAL 140 DEGREES	0	0	0	0	0	0	0	210735
20	EXIT SECTION	0	0	0	0	0	0	0	211303
	HARDWARE COMPLETE	1	0	0	0	0	0	0	207053
	HARDWARE COMPLETE	0	0	0	1	0	0	0	207054
	HARDWARE COMPLETE	0	0	0	0	1	1	0	207055
	HARDWARE COMPLETE	0	0	0	0	0	0	1	207056
	HARDWARE COMPLETE	0	1	0	0	0	0	0	207572
	HARDWARE COMPLETE	0	0	1	0	0	0	0	207573
	3/8" x 3/4" B.H.C.S.	0	0	0	0	0	0	2	811052*
	3/8" x 1" B.H.C.S.	0	2	0	2	4	4	0	811050*
	3/8" x 1 1/4" B.H.C.S.	0	0	6	0	0	0	0	811051*
	3/8" x 1 1/2" B.H.C.S.	0	0	4	0	0	0	0	811053*
	3/8" x 1 3/4" B.H.C.S.	2	0	6	0	0	0	0	811054*
	3/8" x 2" P.B.H.C.S w/Patch	0	0	0	5	5	5	5	812055*
	3/8" x 2" B.H.C.S	0	4	2	0	0	0	0	811055*
	3/8" x 2 1/4" B.H.C.S.	2	0	0	0	0	0	0	811056*
	3/8" x 2 1/2" B.H.C.S.	2	0	0	0	0	0	0	811057*
	3/8" X 3" B.H.C.S.	0	8	0	0	0	0	0	811059*
	3/8" x 3 1/2" HEX HEAD BOLT	0	0	0	0	0	0	1	801013*
	3/8" FLATWASHER	0	0	4	0	0	0	2	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	6	14	14	6	6	6	6	817424*
	3/8" LOCK WASHER	6	12	20	5	5	5	8	817334*
	3/8" HEX NUT	0	2	0	0	0	0	1	804053*
	3/8" BARREL NUT LONG	0	0	0	5	5	5	5	804820*
	1/2" FLATWASHER	0	0	0	6	6	6	6	817425*
	6" EXTENSION	0	0	0	0	0	0	1	151080*

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

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

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

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

Parts List										
REF.	DESCRIPTION	19389	19390	19391	19392	19403	19412	19413	19424	PART NUMBER
1	ZIP SLIDE ENTRANCE	0	0	0	0	0	0	0	0	202636
2	SINGLE ENTRANCE SECTION	0	0	0	0	0	0	0	0	205960
3	STRAIGHT SECTION	0	0	0	0	0	0	0	0	205962
4	CURVED LEFT SECTION	0	0	0	0	0	0	0	0	205963
5	CURVED RIGHT SECTION	0	0	0	0	0	0	0	0	205964
6	EXIT	0	0	0	0	0	0	0	0	206179
7	FOOTBUCK WELD ASS'Y	0	0	0	0	0	0	0	1	204879
8	SUPPORT ASS'Y	0	0	1	0	0	0	0	0	312634
9	DOUBLE ENTRANCE SECTION	0	0	0	0	0	0	0	0	206167
10	DOUBLE SLIDE HOOD	0	0	0	0	0	0	0	0	214527
11	COATED TRIPLE SLIDE DECK	0	0	0	0	0	0	0	0	207568
12	TRIPLE SLIDE ENCLOSURE WELD ASS'Y	0	0	0	0	0	0	0	0	207561
13	TRIPLE ENTRANCE SECTION	0	0	0	0	0	0	0	0	206168
14	SLIDE SUPPORT	0	0	0	0	0	1	0	0	208976
15	HELIX SPIRAL	0	1	0	0	0	0	0	0	206170
16	SUPPORT ASS'Y	0	0	0	1	0	0	0	0	312637
17	DOUBLE STRAIGHT SECTION	0	0	0	0	1	0	0	0	207601
18	OUTRIGGER	0	0	0	0	0	0	1	0	209049
19	HELIX SPIRAL 140 DEGREES	1	0	0	0	0	0	0	0	210735
20	EXIT SECTION	0	0	0	0	0	0	0	1	211303
	HARDWARE COMPLETE	1	1	0	0	0	0	0	0	207054
	HARDWARE COMPLETE	0	0	0	0	1	0	0	0	207055
	HARDWARE COMPLETE	0	0	0	0	0	0	0	1	207056
	HARDWARE COMPLETE	0	0	1	0	0	0	0	0	207057
	HARDWARE COMPLETE	0	0	0	1	0	1	0	0	208399
	3/8" x 3/4" B.H.C.S.	0	0	0	0	0	0	0	2	811052*
	3/8" x 1" B.H.C.S.	2	2	2	2	4	2	0	0	811050*
	3/8" x 2" P.B.H.C.S w/Patch	0	5	0	0	5	0	0	5	812055*
	3/8" x 2 1/4" P.B.H.C.S w/Patch	5	0	0	0	0	0	0	0	812056*
	3/8" x 2 1/2" HEX HEAD BOLT	0	0	1	0	0	0	0	0	801009*
	3/8" x 3 1/2" HEX HEAD BOLT	0	0	0	0	0	0	0	1	801013*
	3/8" FLATWASHER	0	0	2	2	0	2	0	2	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	5	6	0	0	6	0	0	6	817424*
	3/8" LOCK WASHER	5	5	3	2	5	2	0	8	817334*
	3/8" HEX NUT	0	0	1	0	0	0	0	1	804053*
	3/8" BARREL NUT LONG	5	5	0	0	5	0	0	5	804820*
	1/2" FLATWASHER	5	6	0	0	6	0	0	6	817425*
	6" EXTENSION	0	0	0	0	0	0	0	1	151080*

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.

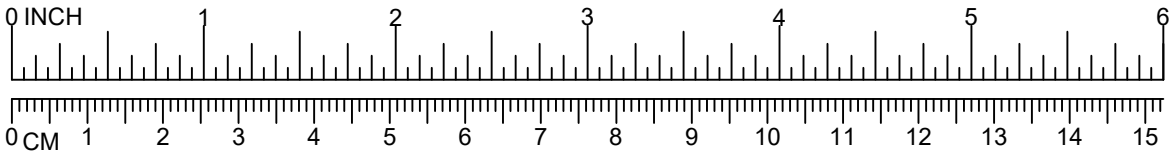
DETAILS -for-
19382 THRU 19392, 19403, 19412, 19413, 19424 & 19464

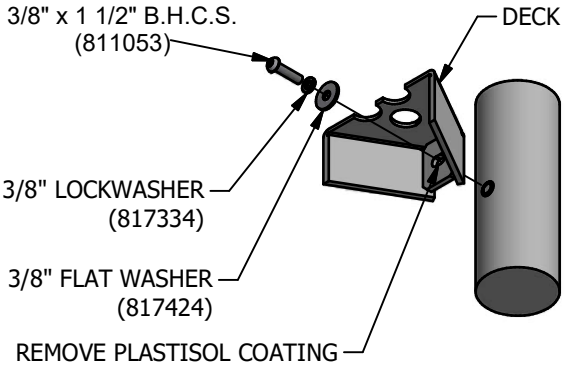
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NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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

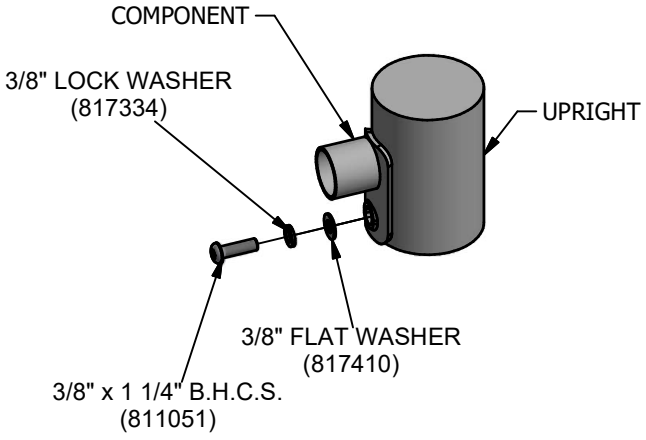




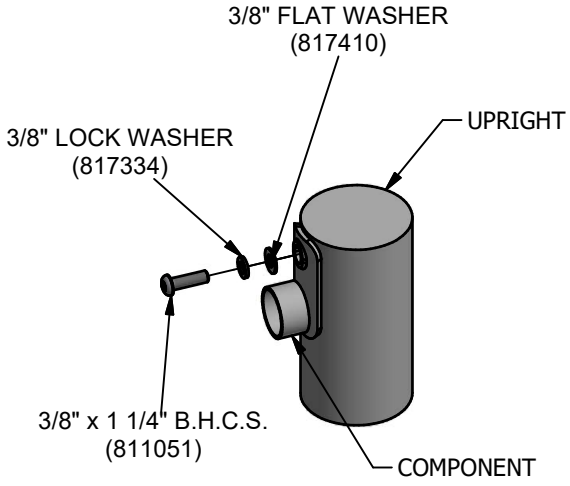
NOTE:
BOLTS SHOULD BE TORQUED TO 20-25 FT. LBS. FOR PROPER INSTALLATION.

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

001



003



004

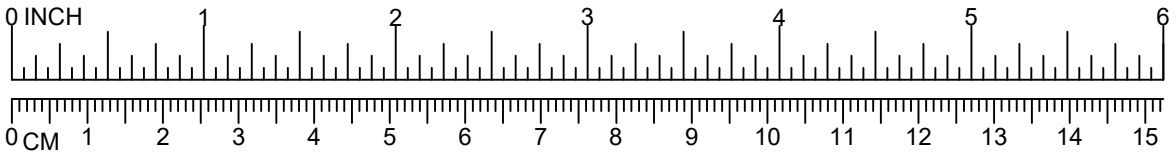
DETAILS -for-
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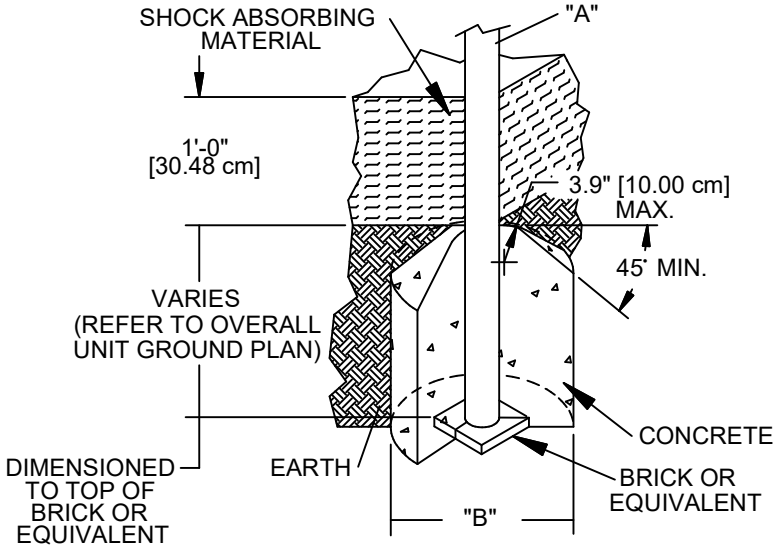
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NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.





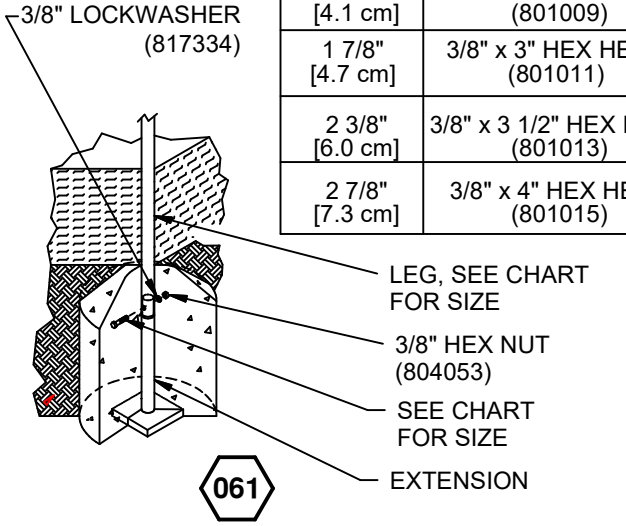
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
ARCH SWING	
5" [12.70 cm]	2'-0" [60.96 cm]

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

005

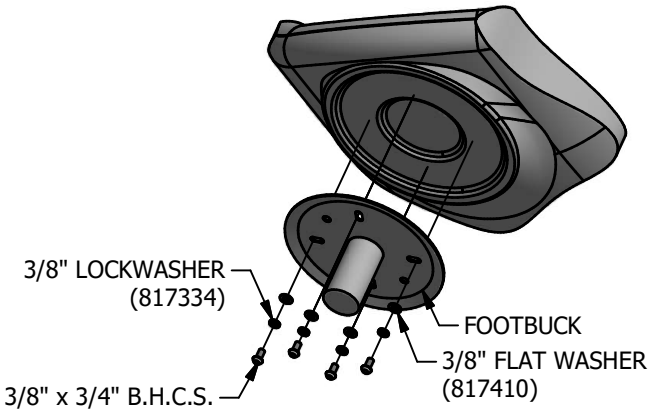
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

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



061

SOME SLIDES WILL ONLY HAVE TWO BOLTS PER FOOTBUCK CONNECTION



319

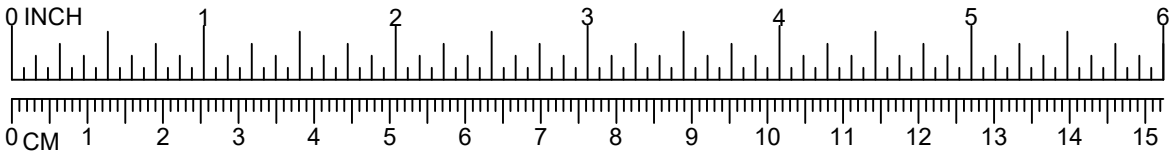
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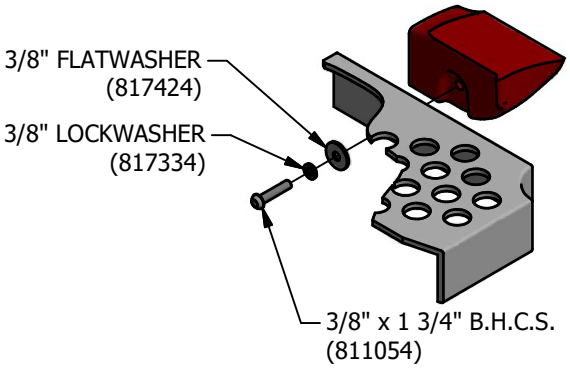
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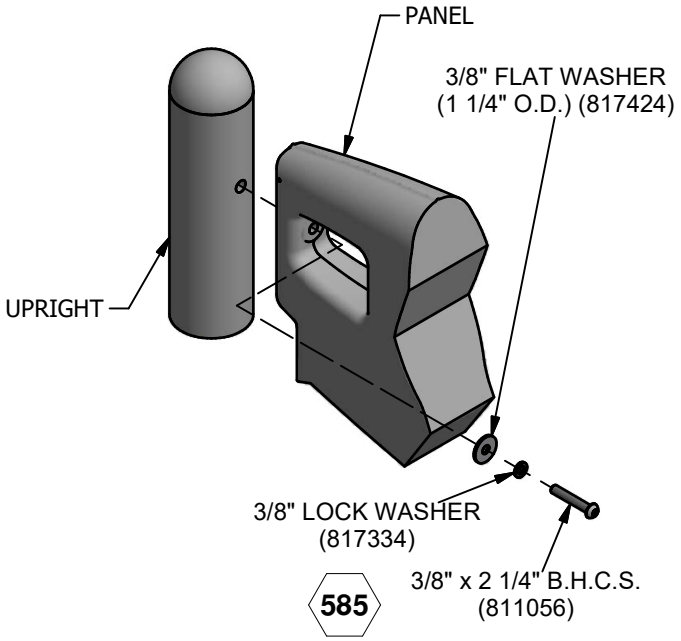
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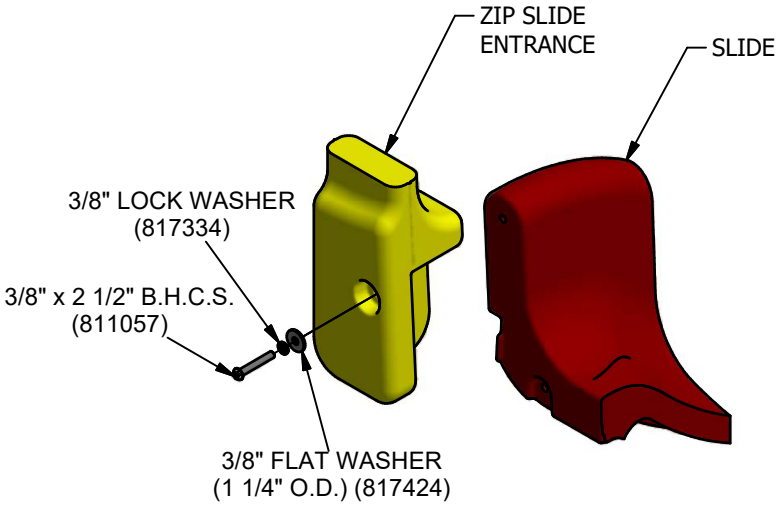




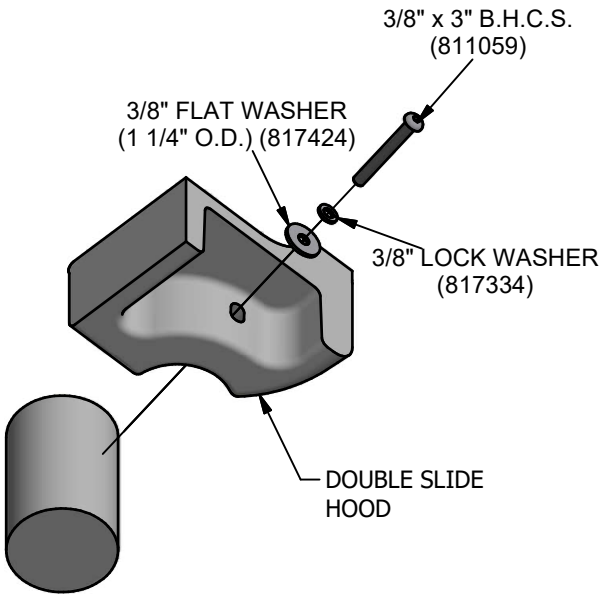
381



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602



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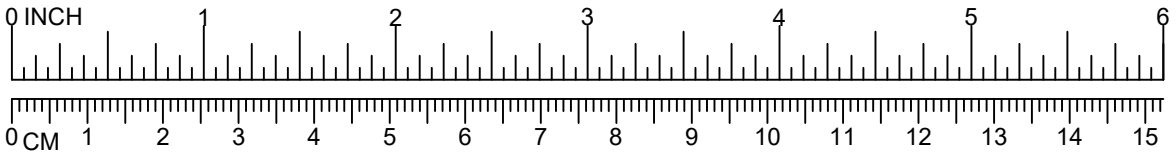
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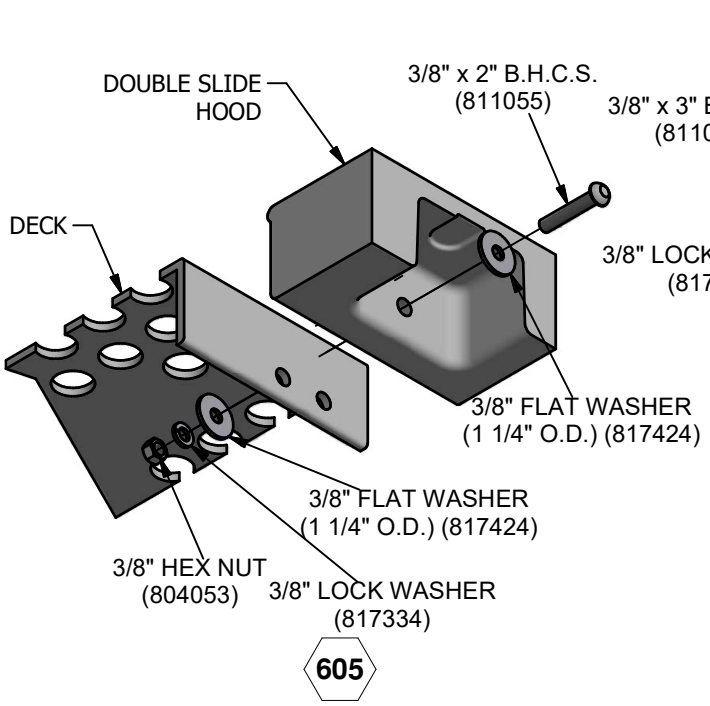
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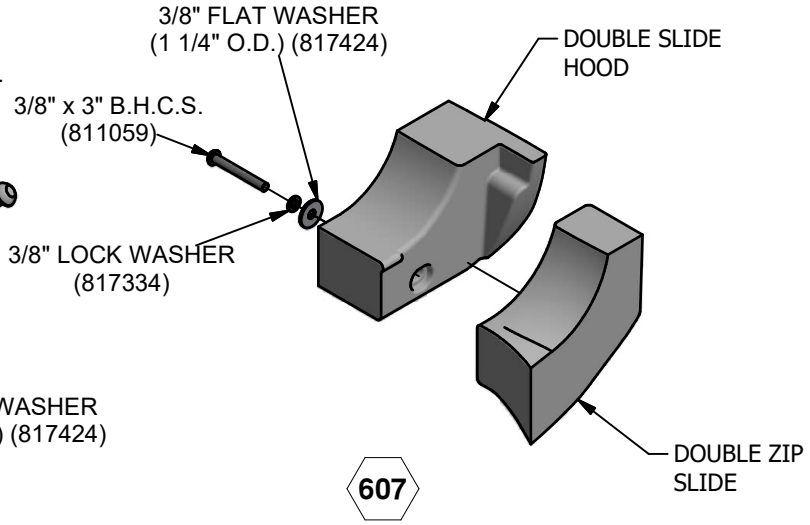
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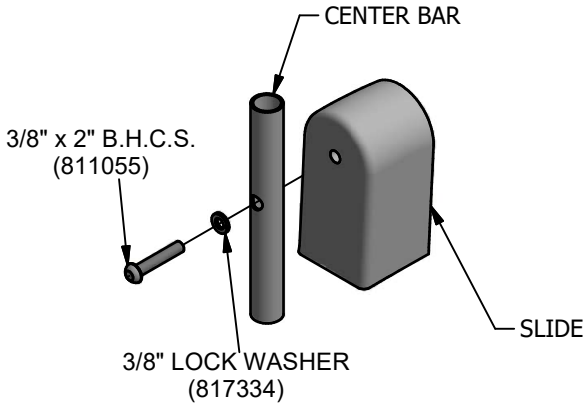




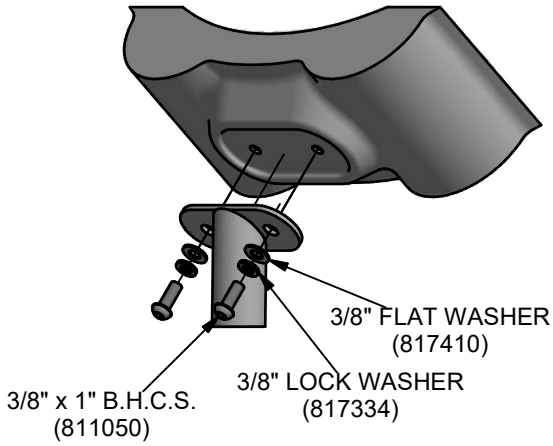
605



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659

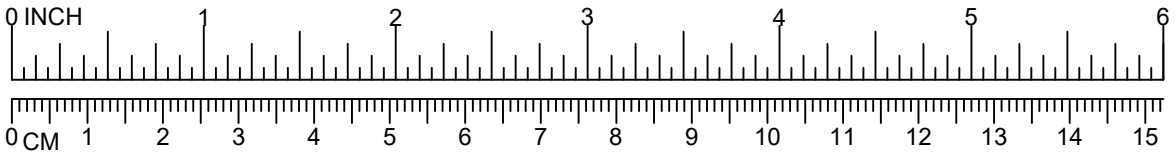
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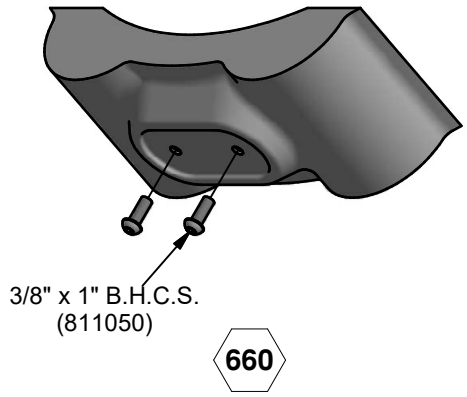
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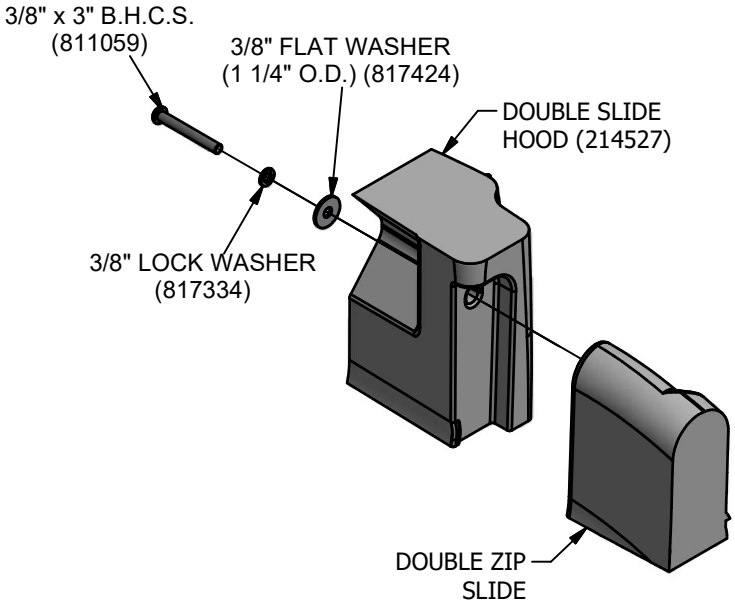
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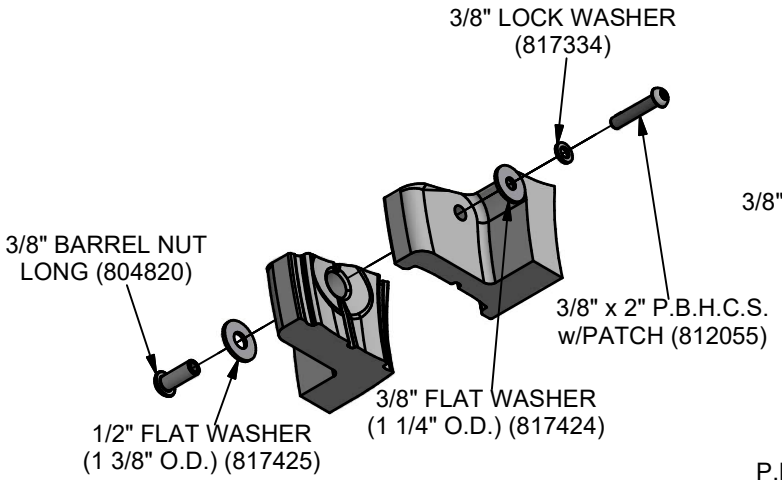




660

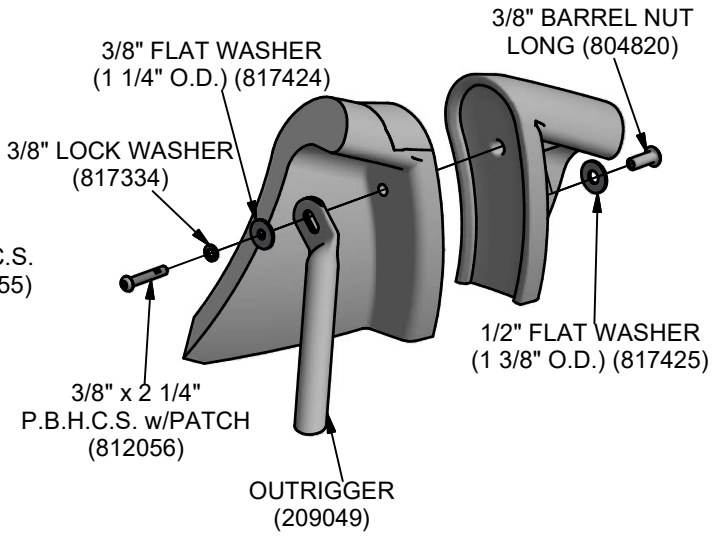


735



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

787



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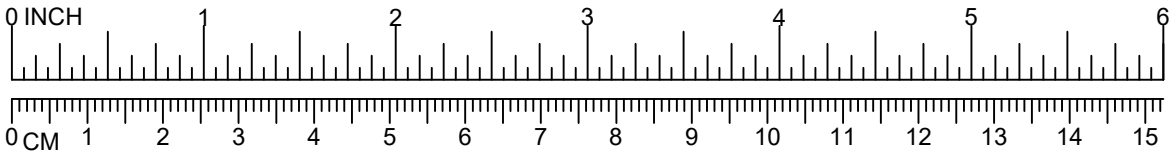
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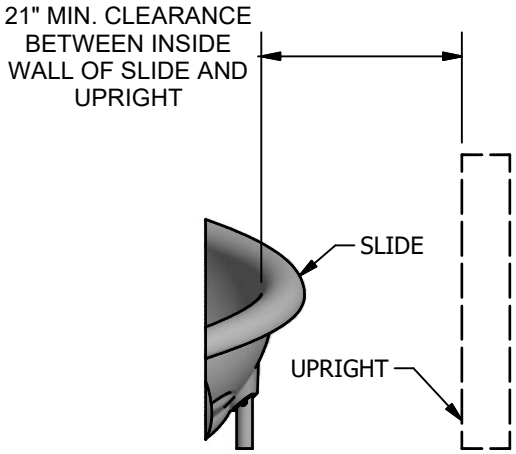
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909

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ISSUED/REVISED: 2/26/2024

19475

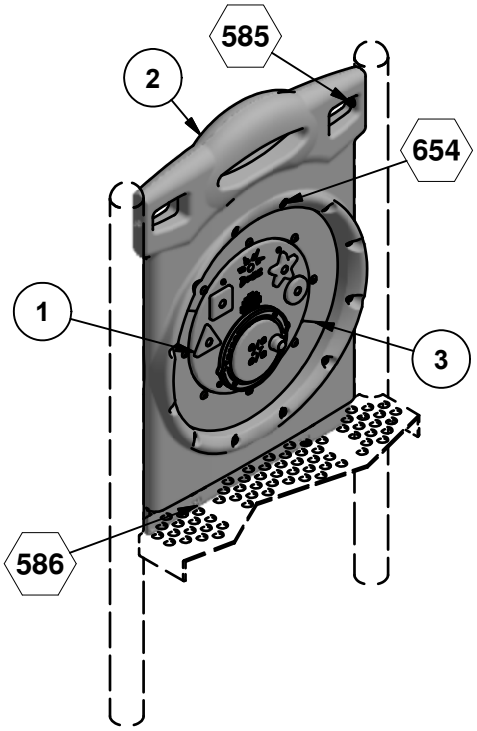
BUZZ REACTIONS SENSORY PANEL

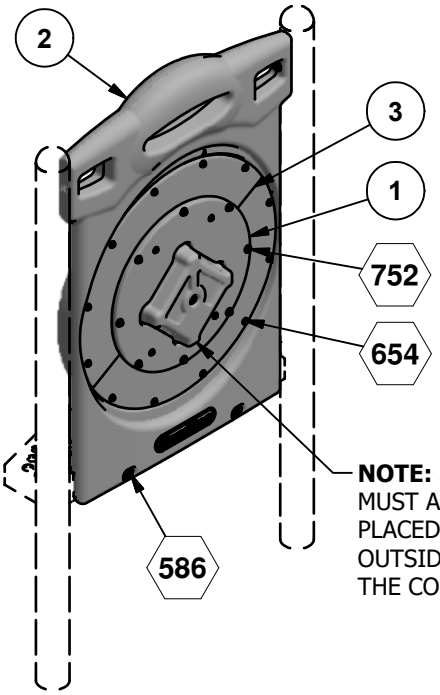
= INSTALLATION DETAIL

= PARTS LIST REFERENCE

BUZZ REACTIONS	**19475**
POND EXPLORER	**19476**
SPIN CHIME	**19477**







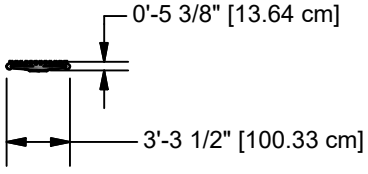
NOTE: SENSOR PIECE MUST ALWAYS BE PLACED TO THE OUTSIDE FACE OF THE COMPONENT

INSTALLATION INSTRUCTIONS

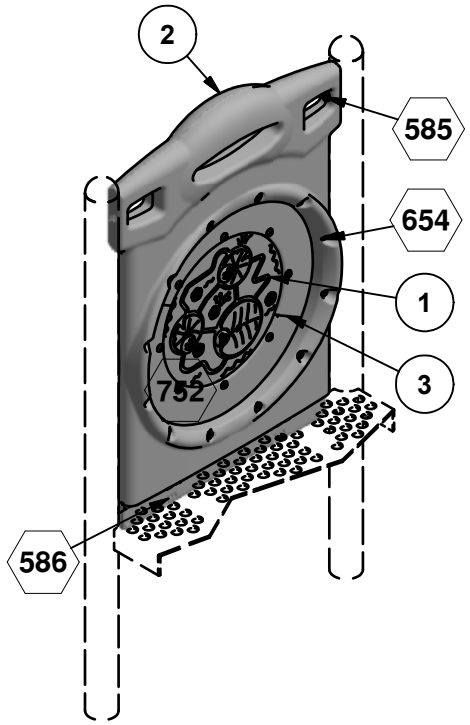
1. BEFORE ASSEMBLING THIS EQUIPMENT, READ THE ENCLOSED ***INSTALLER INSTRUCTIONS*** IN THE INSTALLATION BOOKLET; FOLLOW ALL THE INSTRUCTIONS DURING INSTALLATION.
2. ASSEMBLE PARTS AS SHOWN IN THE ***ASSEMBLY DRAWING***. REFER TO THE ASSEMBLY DETAILS FOR THE SPECIFIC HARDWARE REQUIRED IN EACH CONNECTION.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

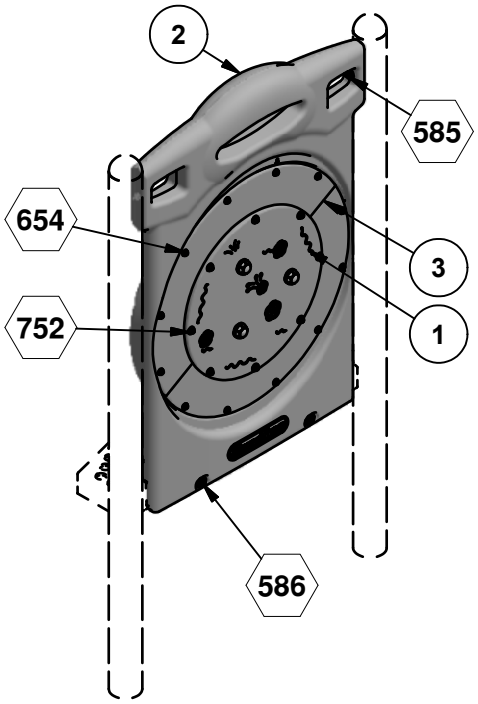
ASSEMBLY DRAWING

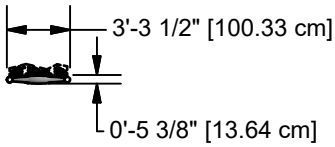
19475 SHOWN



TOP VIEW

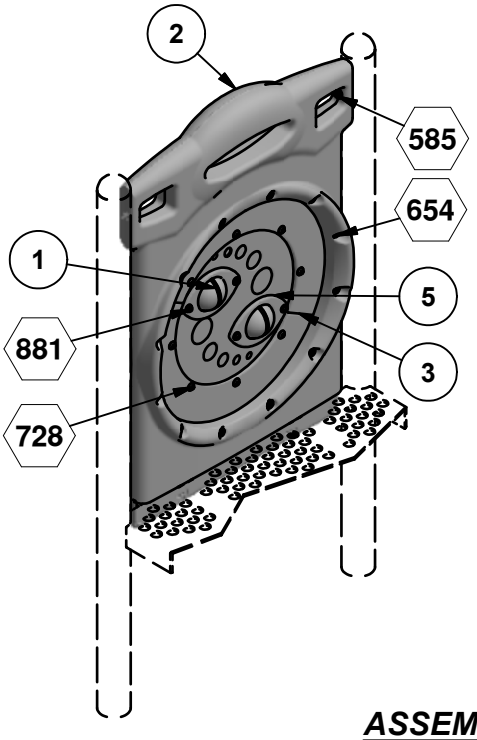


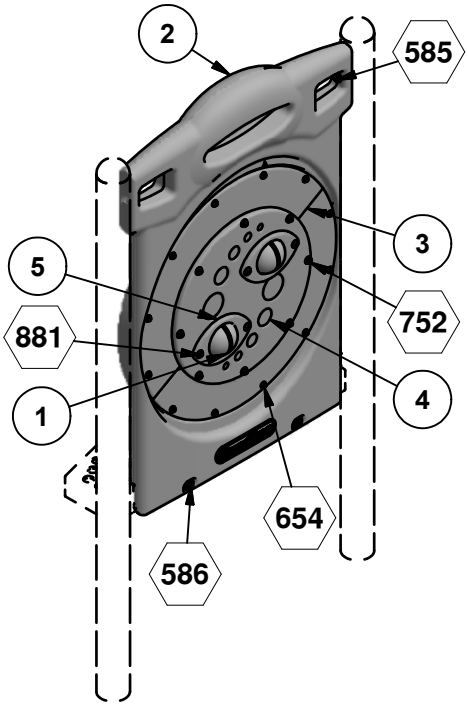




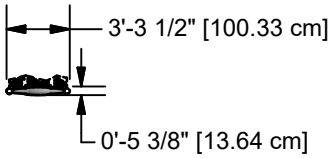
ASSEMBLY DRAWING
19476 SHOWN

TOP VIEW





ASSEMBLY DRAWING
19477 SHOWN



TOP VIEW

Parts List					
REF.	DESCRIPTION	19475	19476	19477	PART NUMBER
1	BUZZ REACTION GAME 20" ROTOGEN	1	0	0	218227
1	POND EXPLORER SENSOR 20" ROTOGEN	0	1	0	218240
1	HDPE PANEL	0	0	1	212757
2	CRAWL TUBE PANEL	1	1	1	202633
3	HDPE HALF RING	2	2	2	224007
4	SPIN CHIME BELL ASS'Y	0	0	2	213177
5	SPIN CHIME COVER	0	0	4	212756
	HARDWARE COMPLETE	1	1	0	218401
	HARDWARE COMPLETE	0	0	1	218402
	3/8" x 1" B.H.C.S.	8	8	8	811050*
	3/8" x 1 1/2" B.H.C.S.	2	2	2	811053*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	0	0	4	812053*
	3/8" x 2 1/4" B.H.C.S.	2	2	2	811056*
	3/8" LOCK WASHER	12	12	16	817334*
	3/8" FLAT WASHER (1 1/4" O.D.)	4	4	4	817424*
	3/8" FLAT WASHER	8	8	12	817410*
	3/8" T-NUT	2	2	2	804556*
	3/8" BARREL NUT	8	8	12	804804*
	5/16" x 2" B.H.C.S.	12	12	12	811046*
	5/16" LOCK WASHER	12	12	12	817330*
	5/16" FLAT WASHER (11/16" O.D.)	12	12	12	817406*
	5/16" T-NUT	12	12	12	804555*

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.

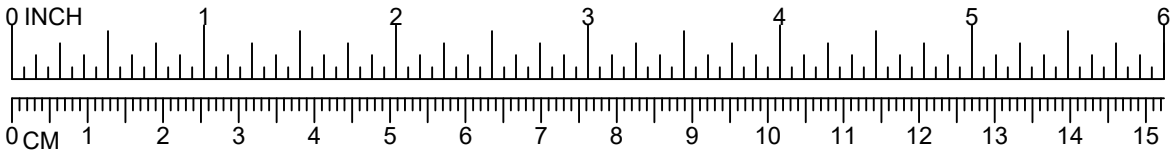
DETAILS -for-
19475

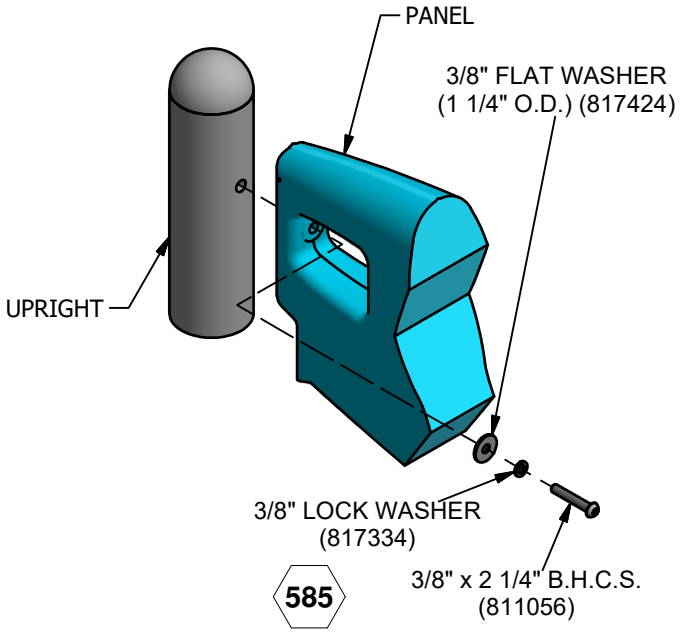
*I*MPORTANT

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.

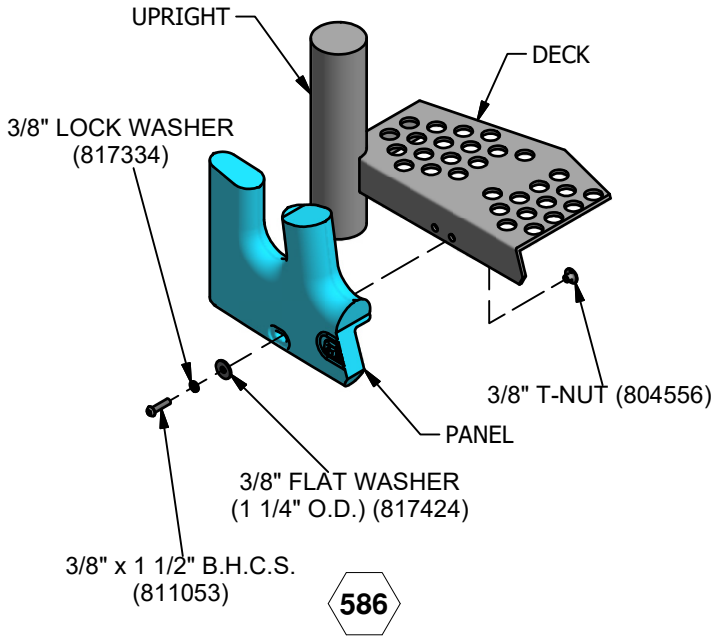
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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

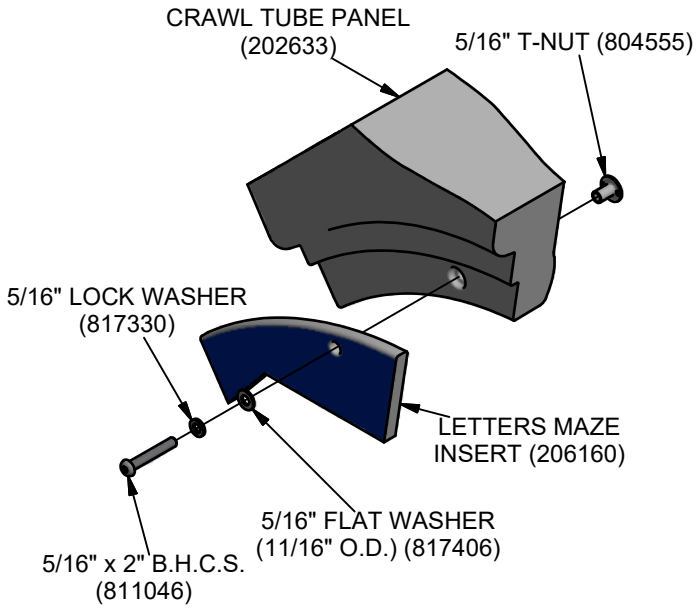




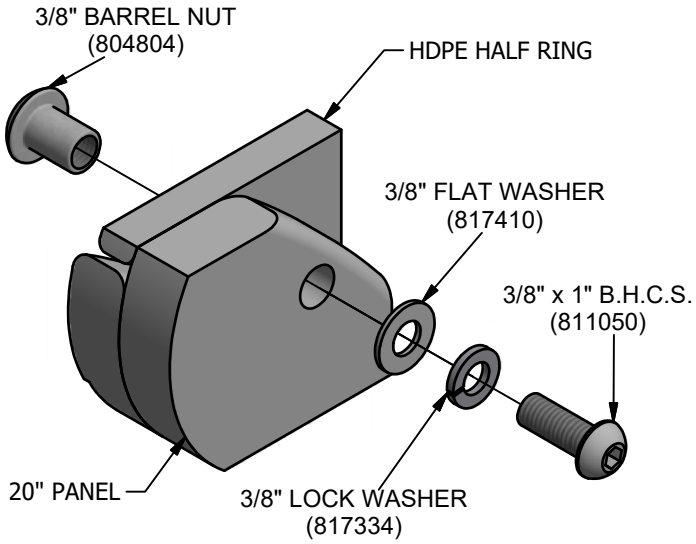
585



586



654



752

NOTE: SENSOR PIECE MUST ALWAYS BE PLACED TO THE OUTSIDE FACE OF THE COMPONENT

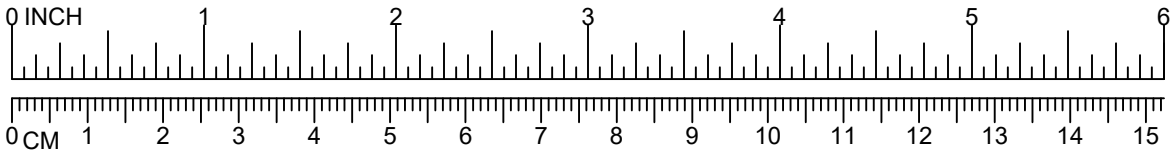
DETAILS -for-
19475

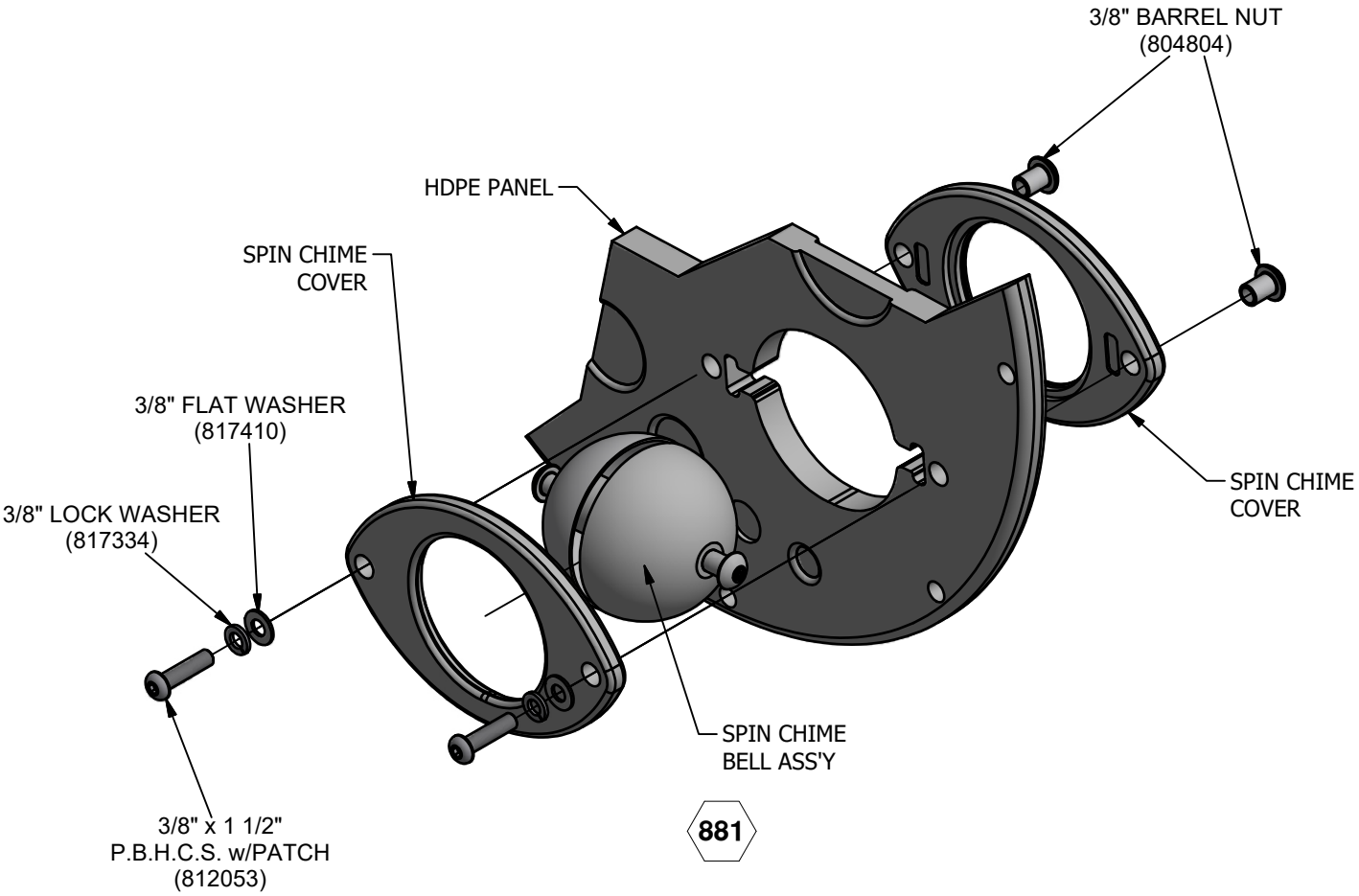
*I*MPORTANT

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.





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ISSUED/REVISED: 3/4/19

19767 EDGE CLIMBER SMALL

2'-0", 2'-6", 3'-0"	19767
3'-6", 4'-0"	19768
4'-6", 5'-0", 5'-6"	19769
6'-0"	19778

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE



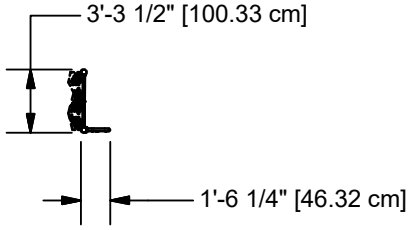
19767 ONLY



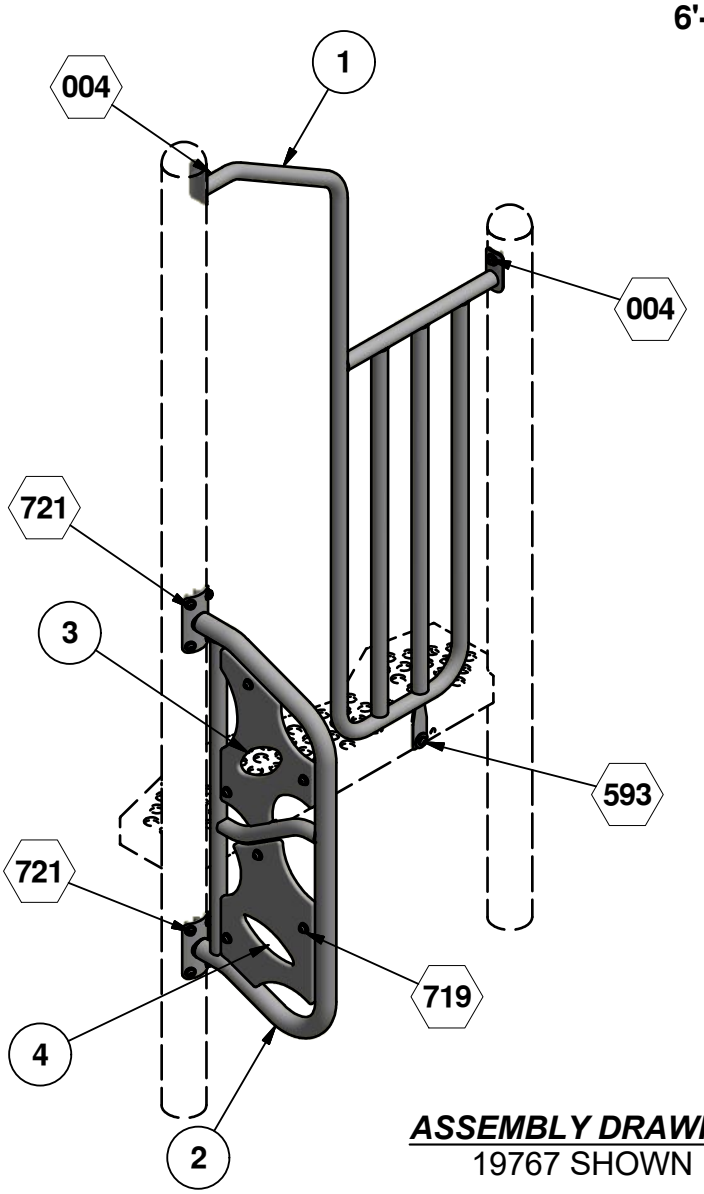
19768, 19769, 19778

INSTALLATION INSTRUCTIONS

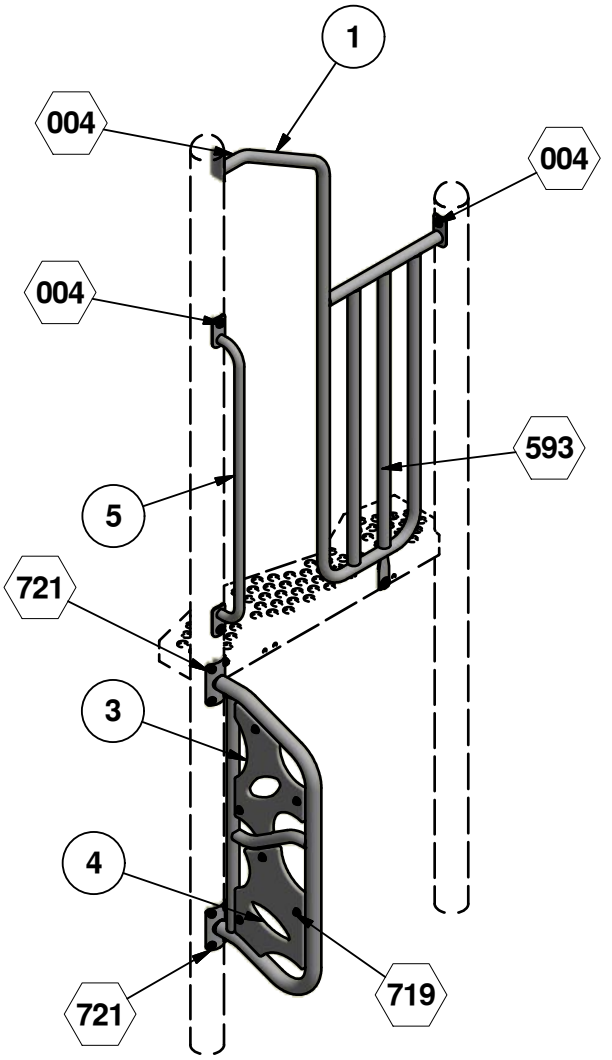
1. Before assembling this equipment, read the enclosed INSTALLATION INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. Loctite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



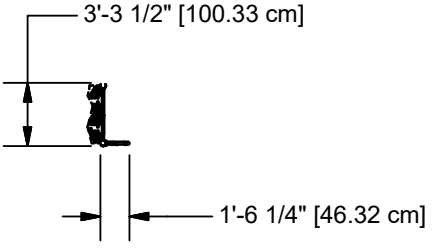
TOP VIEW
19767 SHOWN



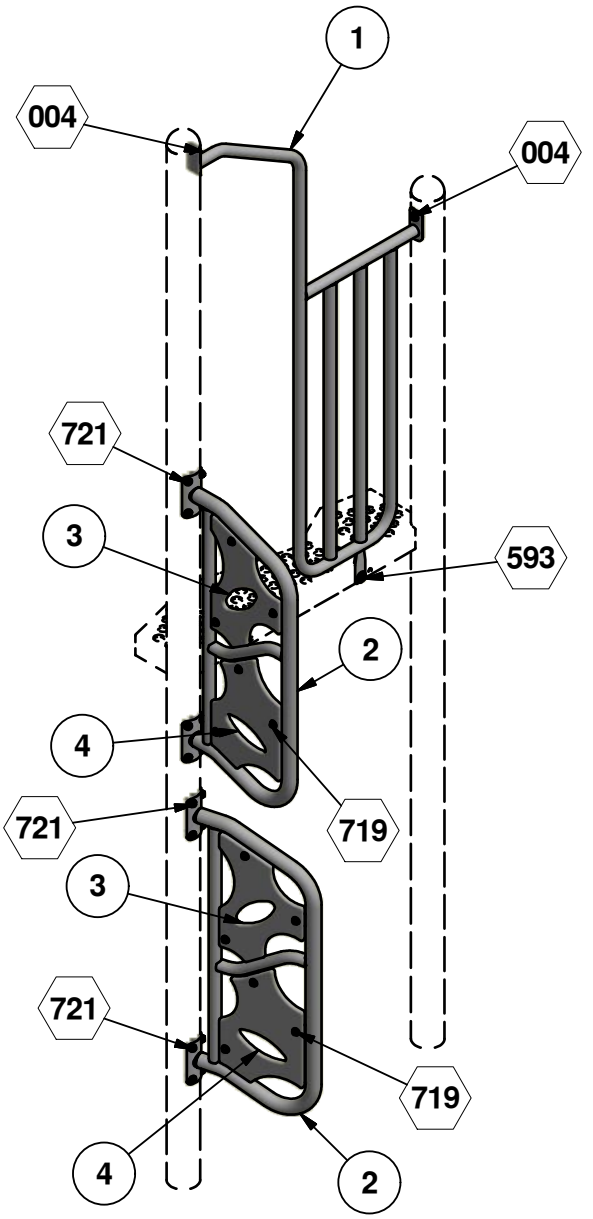
ASSEMBLY DRAWING
19767 SHOWN

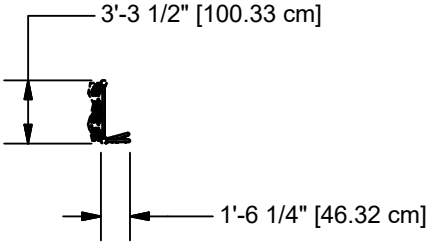


ASSEMBLY DRAWING
19768 SHOWN



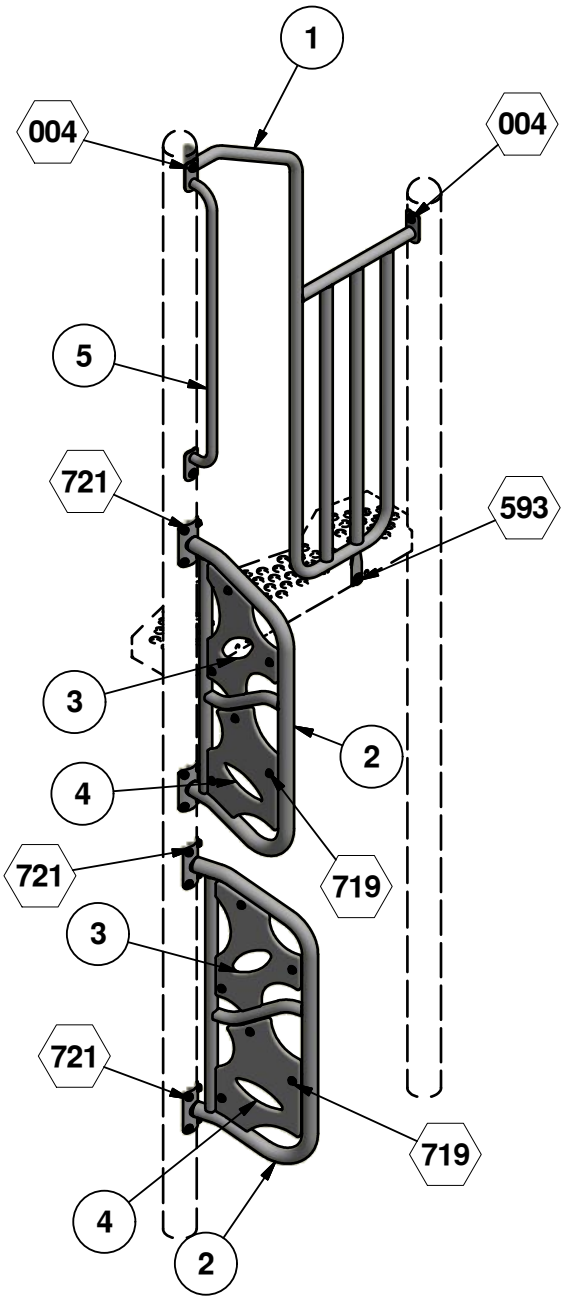
TOP VIEW
19768 SHOWN



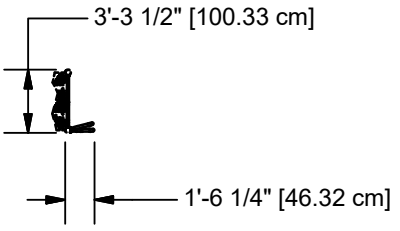


TOP VIEW
19769 SHOWN

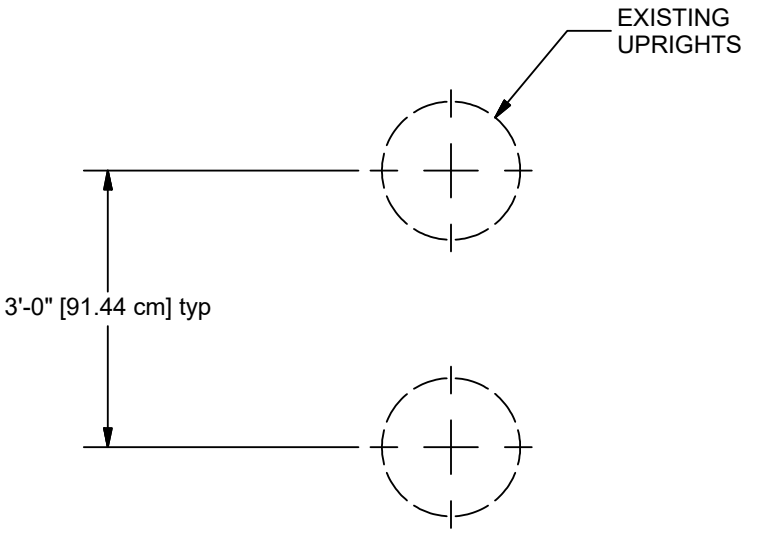
ASSEMBLY DRAWING
19769 SHOWN



ASSEMBLY DRAWING
19778 SHOWN



TOP VIEW
19778 SHOWN



GROUND PLAN

Parts List						
REF.	DESCRIPTION	19767	19768	19769	19778	PART NUMBER
1	OFFSET ARCHWAY WELD ASS'Y	1	1	1	1	202803
2	ATTACHMENT WELD ASS'Y	1	1	2	2	213621
3	SMALL HDPE PANEL 1	1	1	2	2	213624
4	SMALL HDPE PANEL 2	1	1	2	2	213625
5	HANDHOLD ASS'Y	0	1	0	1	151345
	HARDWARE COMPLETE	1	0	0	0	213775
	HARDWARE COMPLETE	0	1	0	0	213776
	HARDWARE COMPLETE	0	0	1	0	213777
	HARDWARE COMPLETE	0	0	0	1	213778
	3/8" x 3/4" B.H.C.S.	7	7	13	13	811052*
	3/8" BARREL NUT	6	6	12	12	804804*
	3/8" x 1 1/4" B.H.C.S.	10	12	18	20	811051*
	3/8" FLAT WASHER	16	18	30	32	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	1	1	1	1	817424*
	3/8" LOCK WASHER	17	19	31	33	817334*
	3/8" T-NUT	1	1	1	1	804556*

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

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

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

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

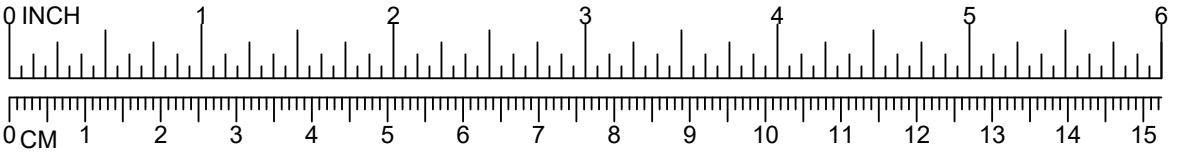
DETAILS -for-
19767, 19768, 19769 & 19778

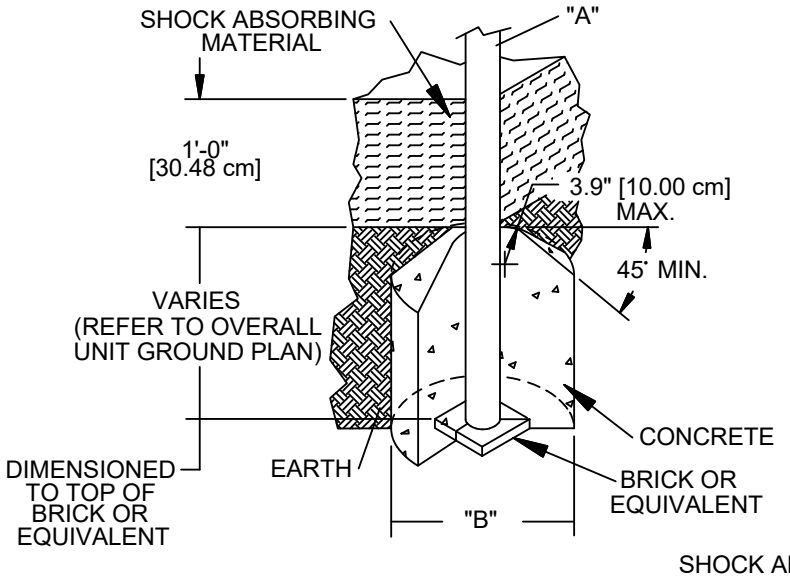
IMPORTANT

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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.



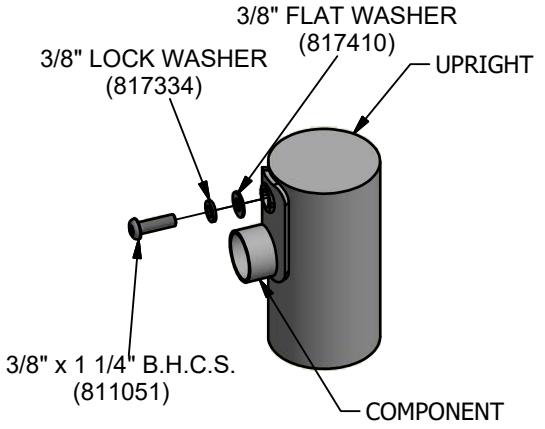


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
ARCH SWING	
5" [12.70 cm]	2'-0" [60.96 cm]

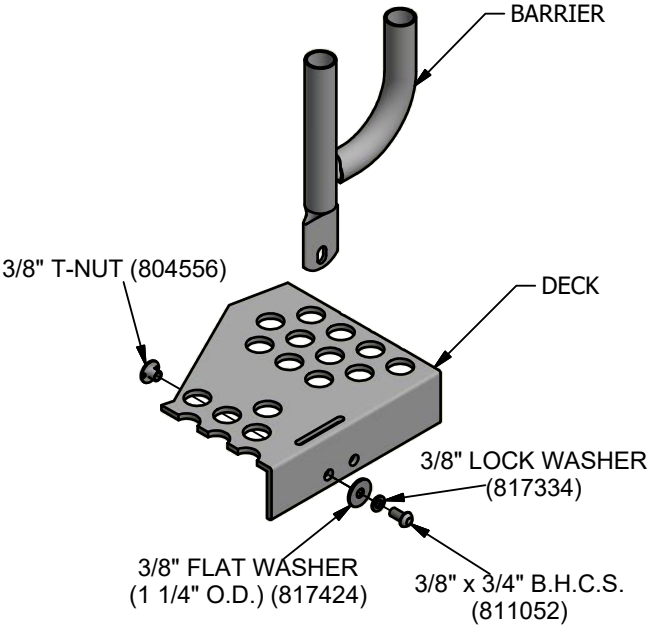
NOTES:
-SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
-SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

005

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



004



593

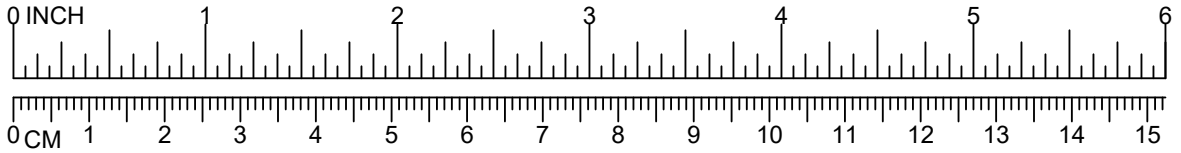
DETAILS -for-
19767, 19768, 19769 & 19778

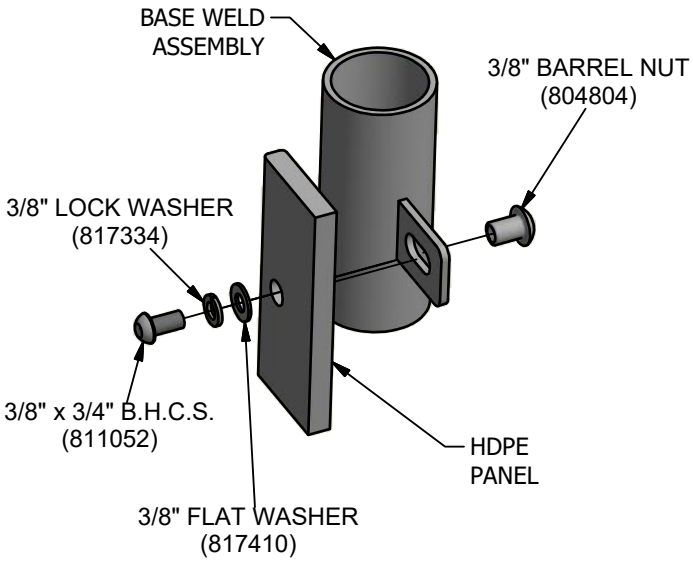
IMPORTANT

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.

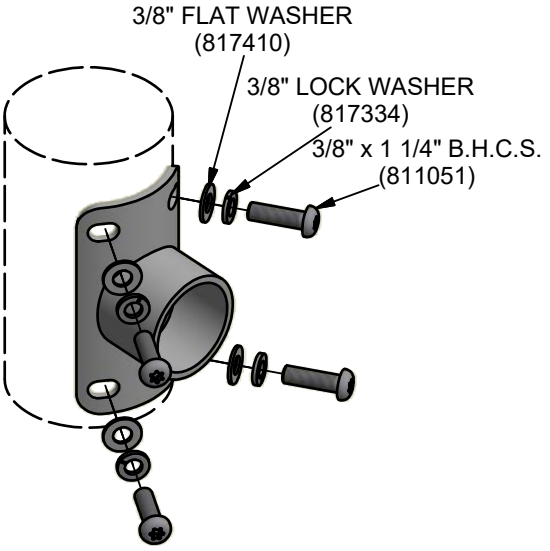
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





719



721

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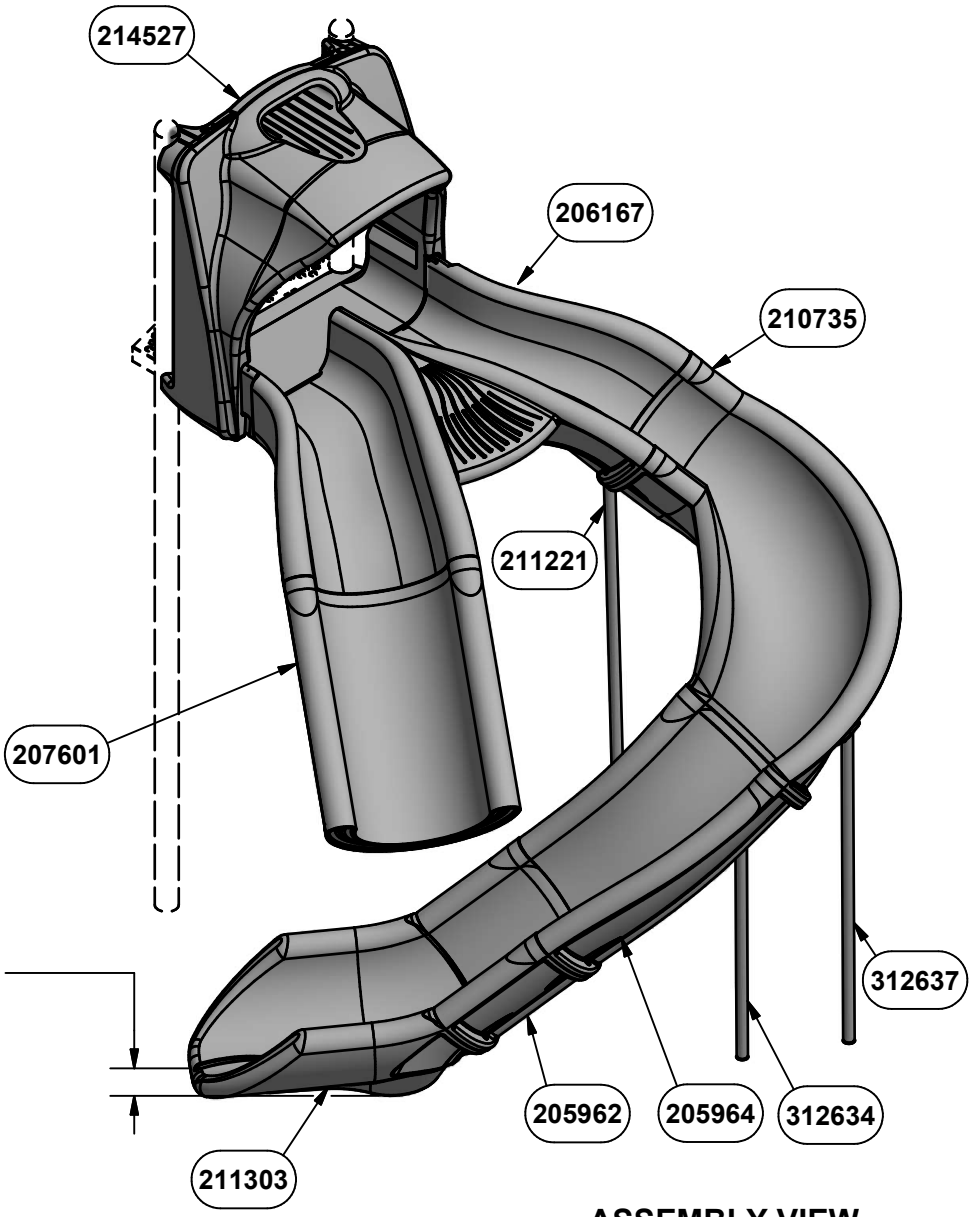
ISSUED/REVISED: 5/1/2024

19801

WILDERSLIDE II OVER 'N UNDER

This play equipment is designed for CHILDREN 5 TO 12 YEARS OLD Adult supervision is recommended

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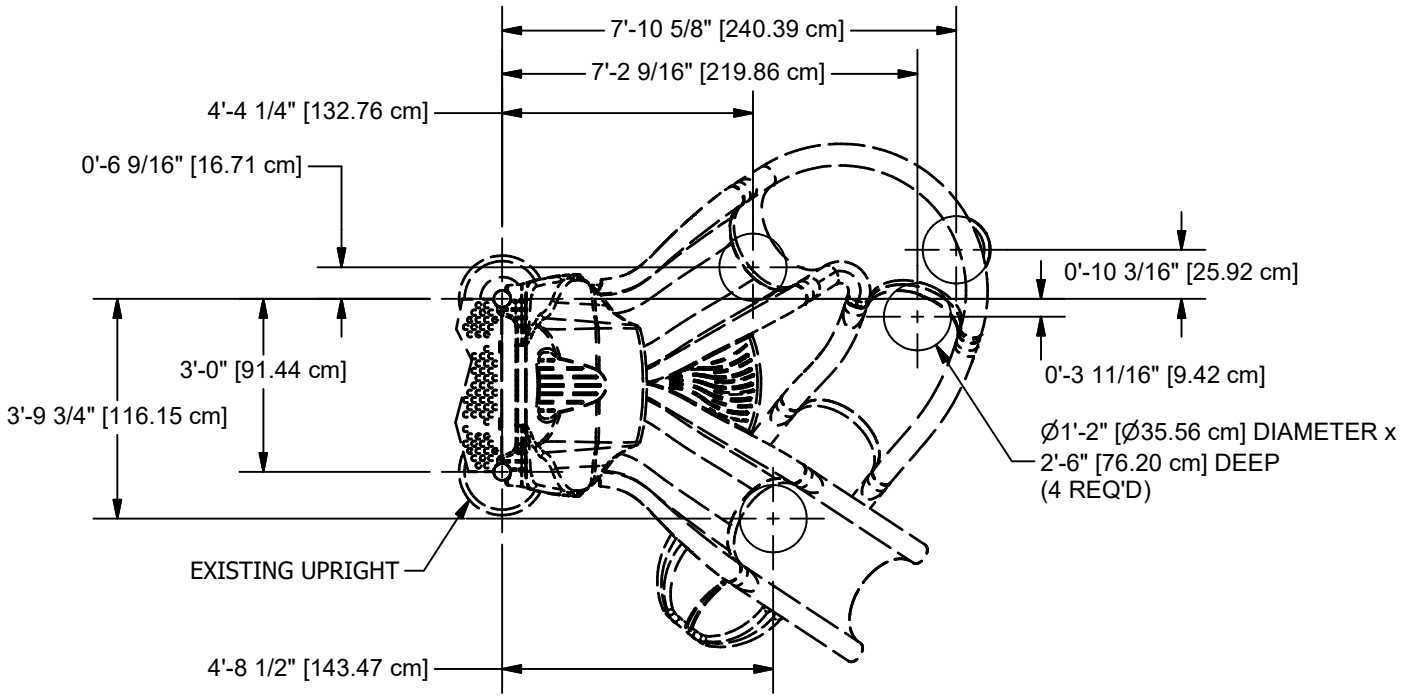
ASSEMBLY VIEW

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

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.

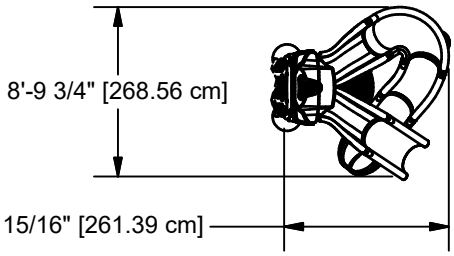
EXIT HEIGHT CHART	
STANDARD	EXIT HEIGHT from SURFACING
ASTM	7" TO 15"
CSA	175mm TO 380mm
EN	350mm OR LESS



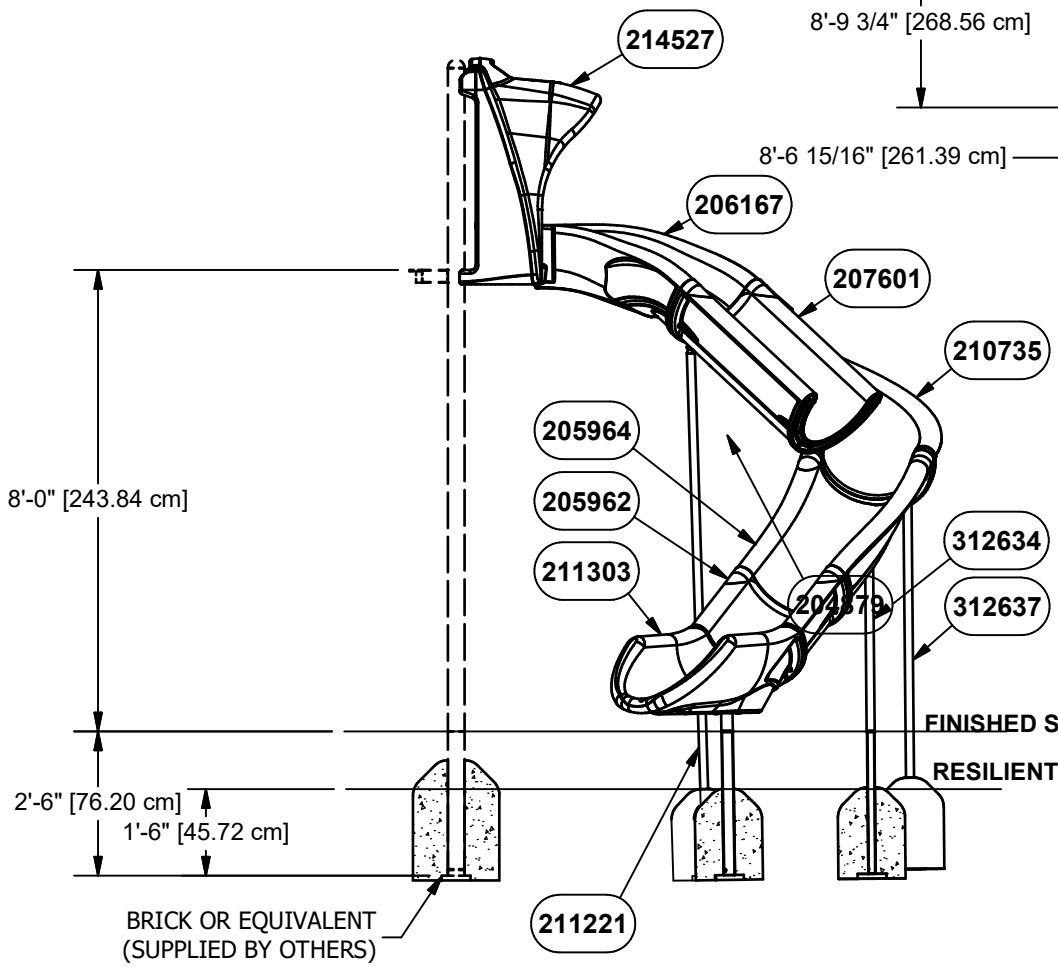
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

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

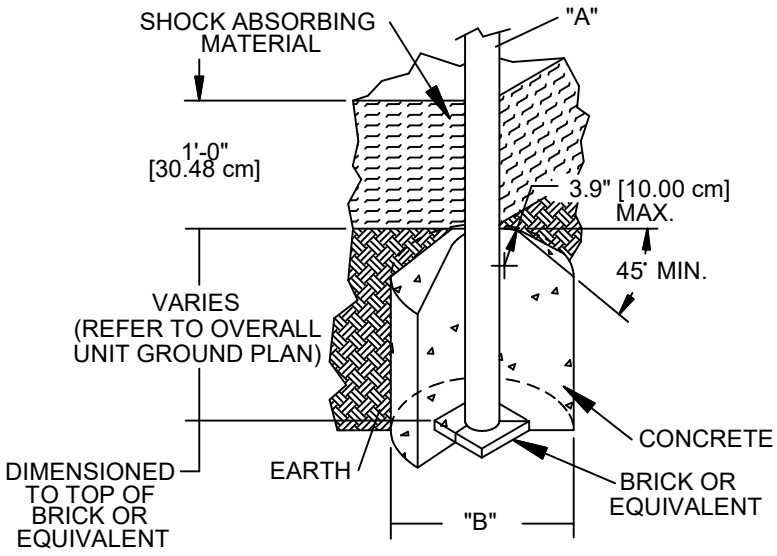
PLAN VIEW



TOP VIEW



ELEVATION VIEW



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

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

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

FOOTING DETAIL

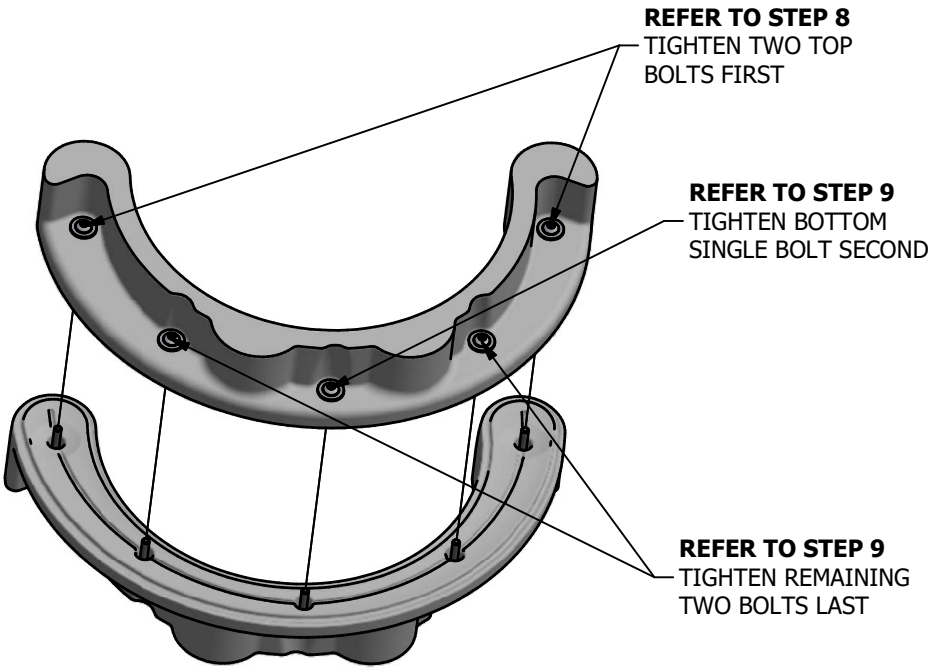


FIGURE #1

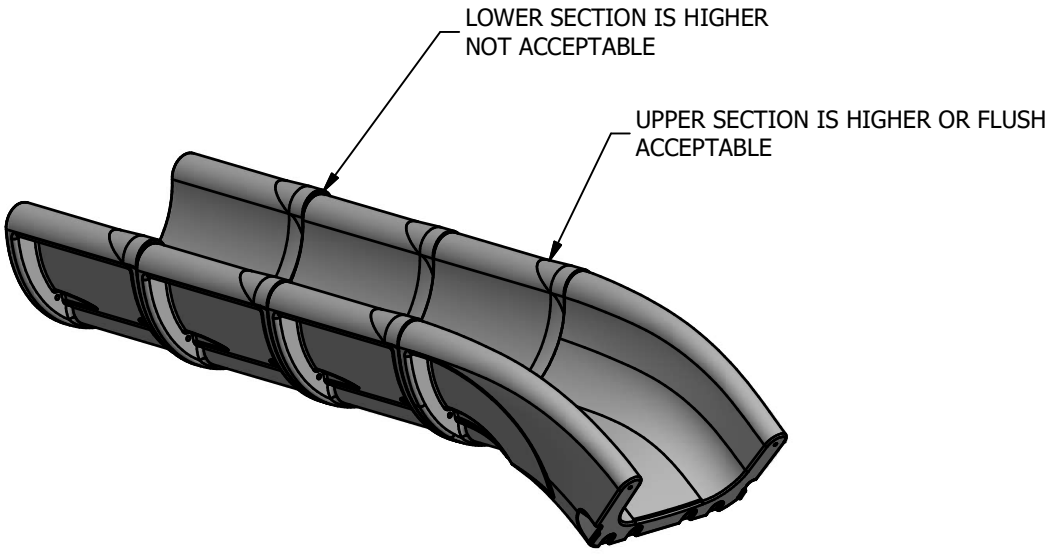
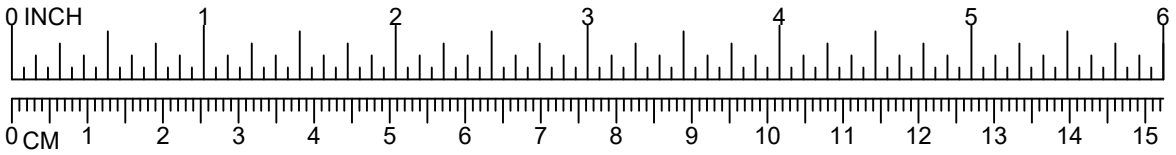
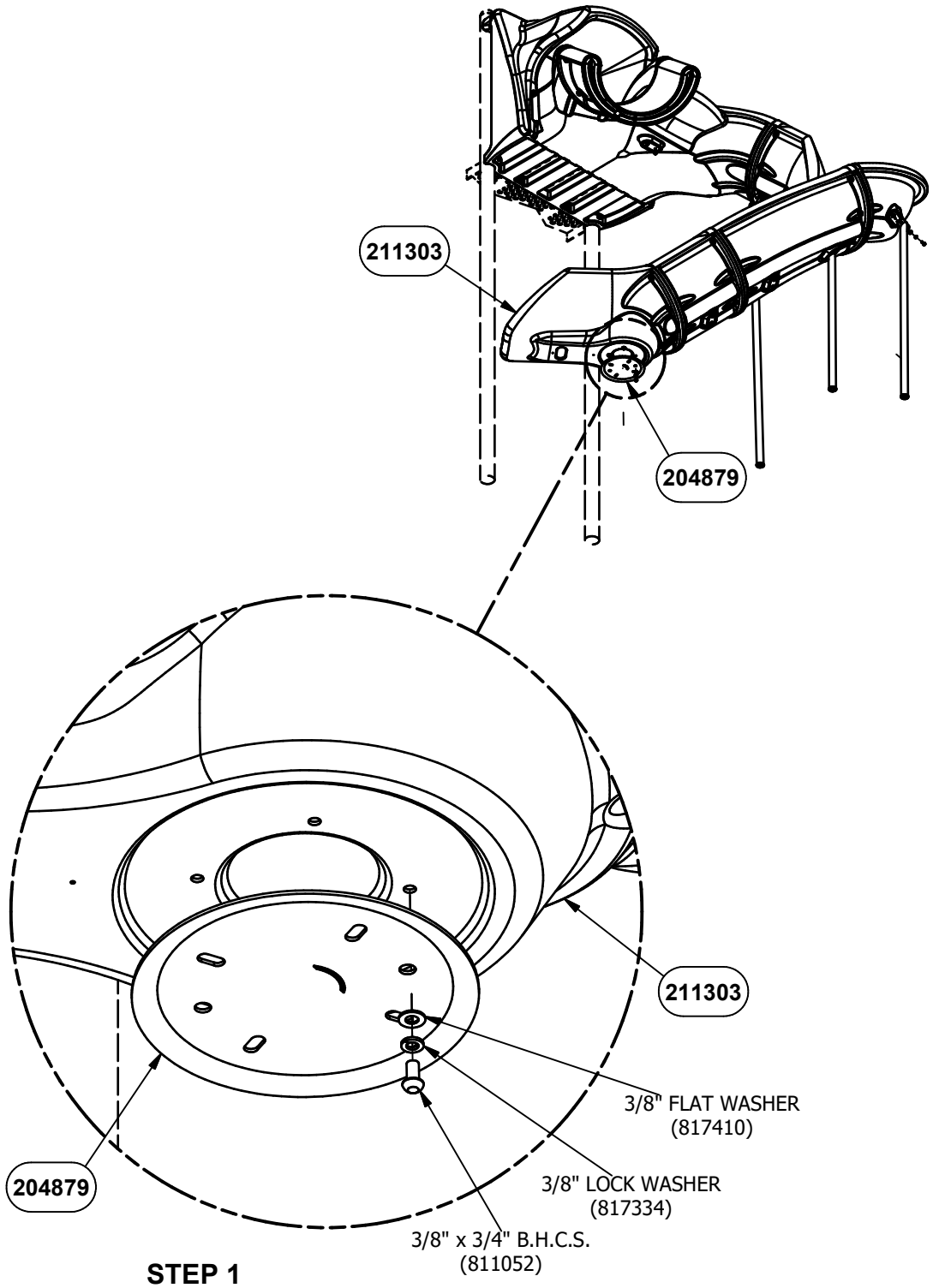


FIGURE #2

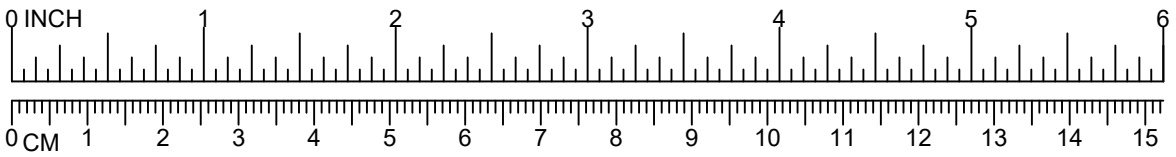


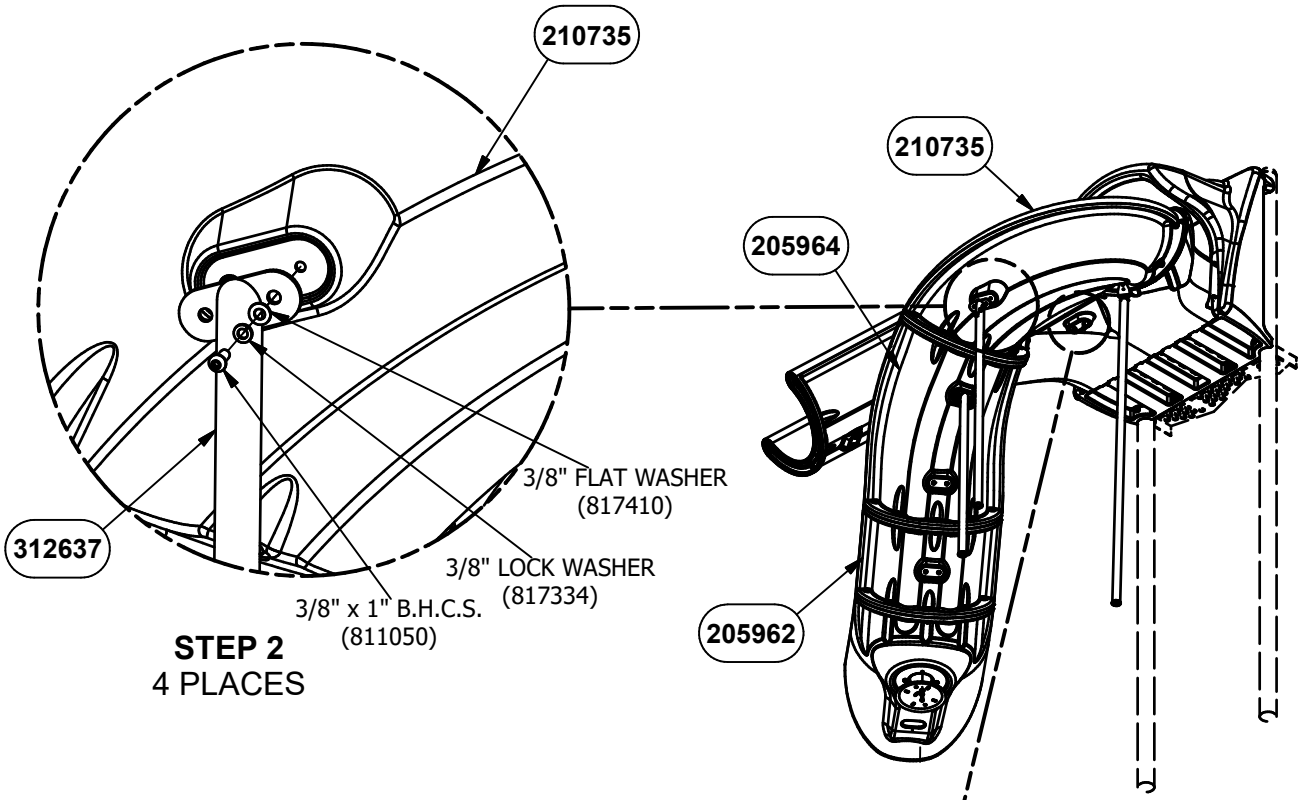


STEP 1
4 PLACES

DETAIL VIEW

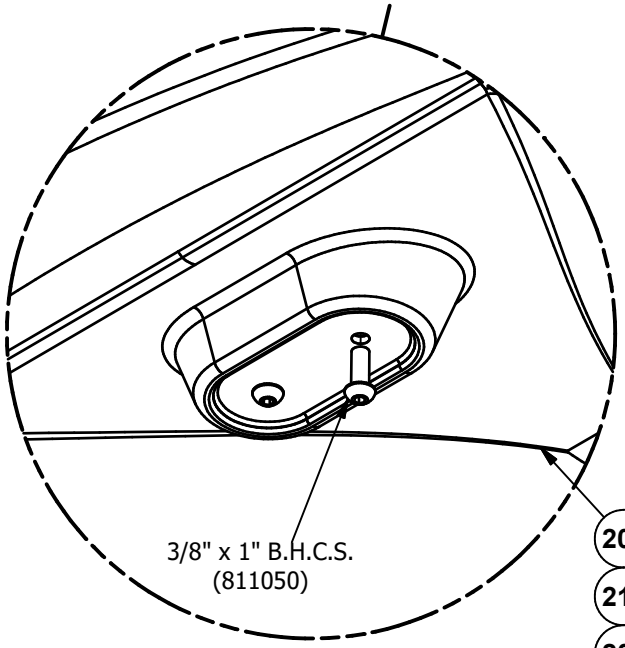
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.





STEP 2
4 PLACES

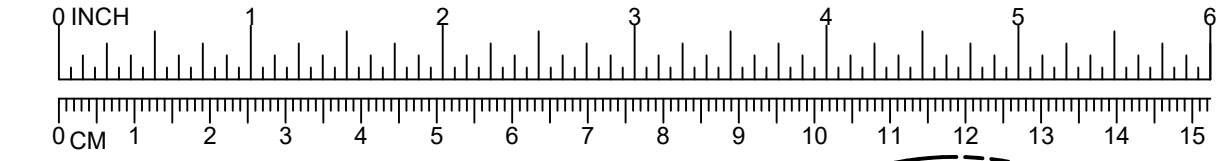
REFER TO ASSEMBLY VIEWS FOR PROPER SLIDE SECTION PLACEMENT

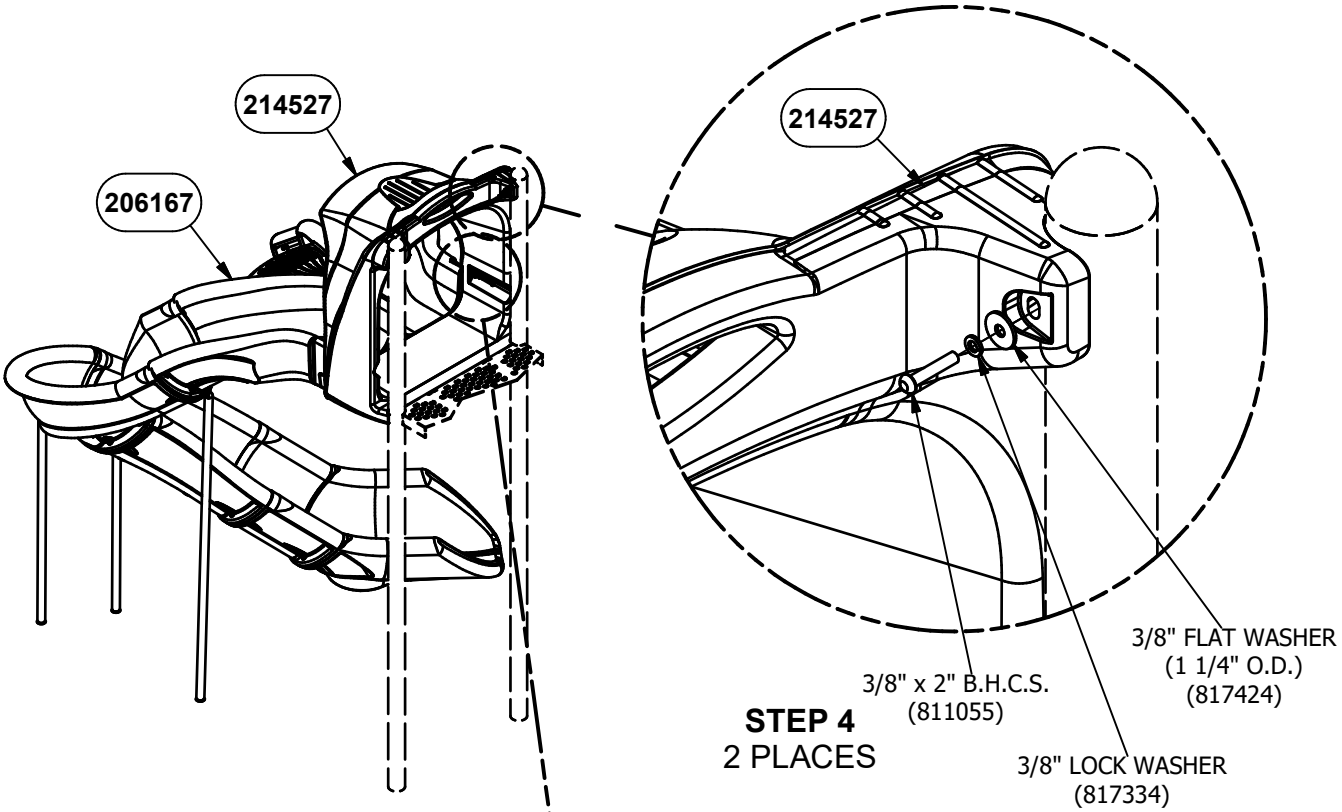


STEP 3
10 PLACES

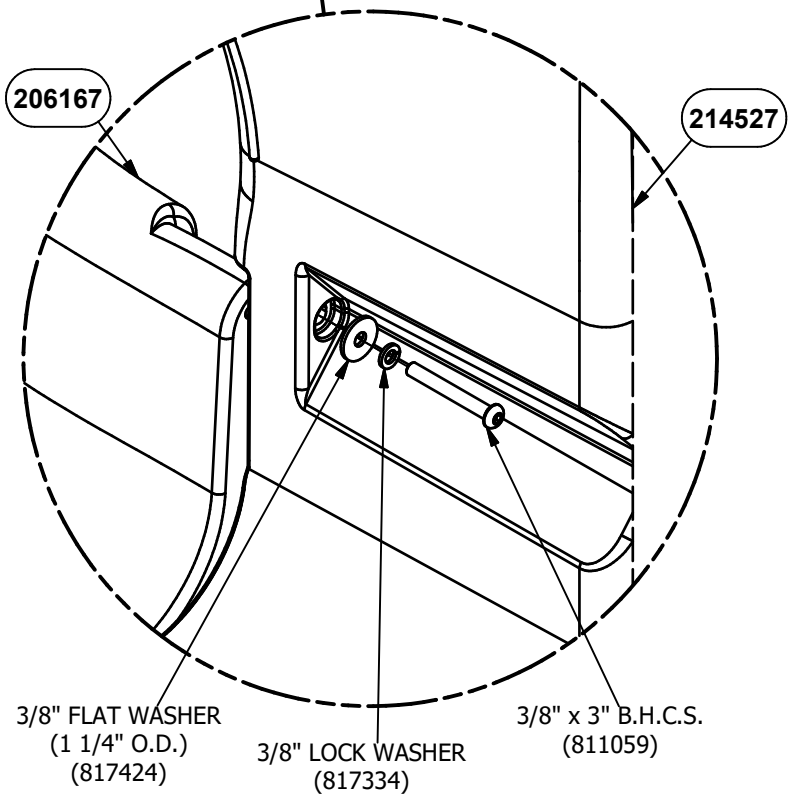
DETAIL VIEW

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





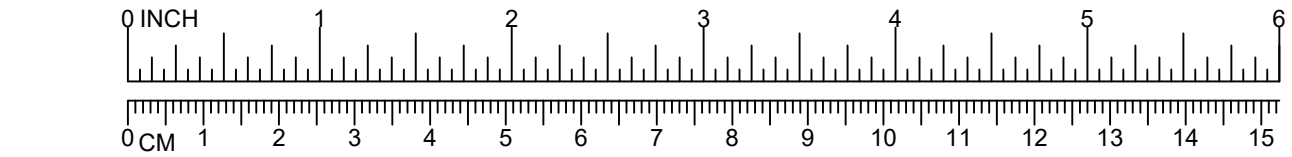
STEP 4
2 PLACES

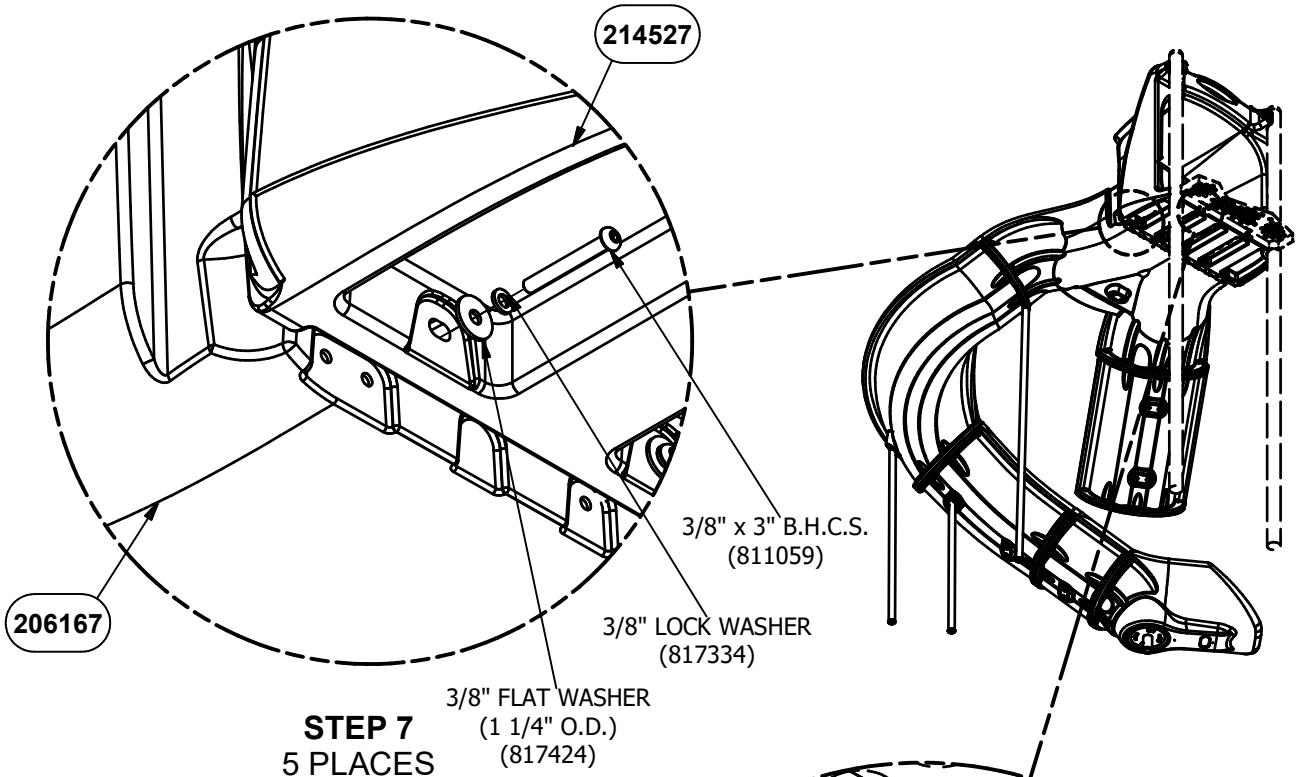


STEP 5
2 PLACES

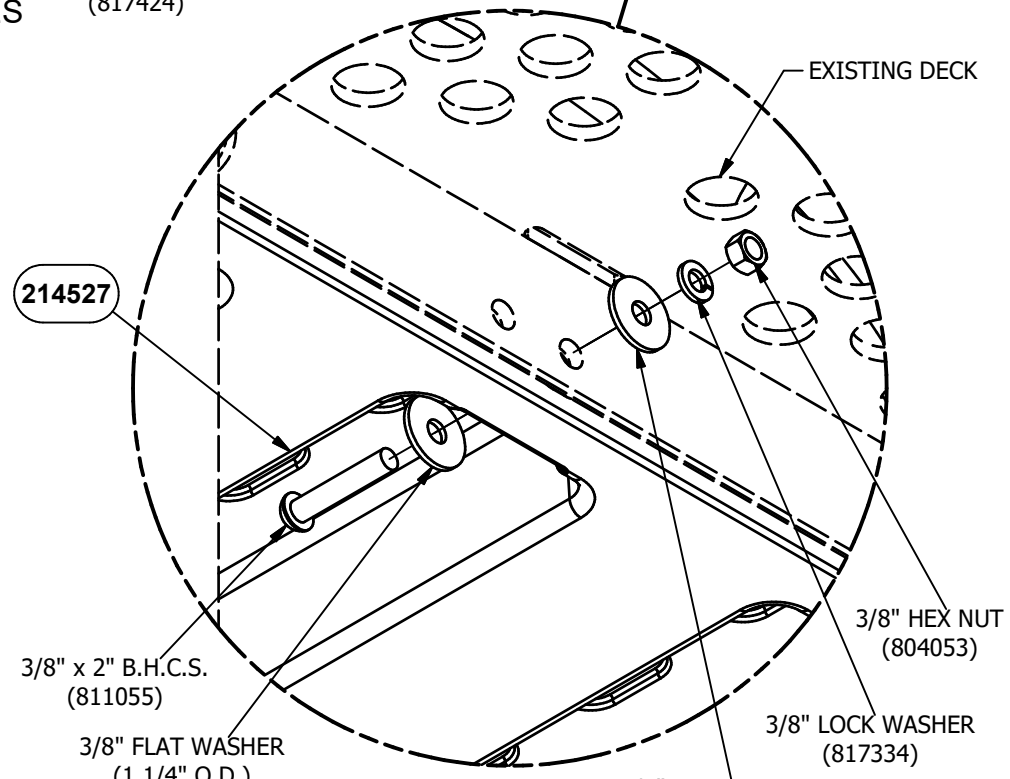
DETAIL VIEW

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





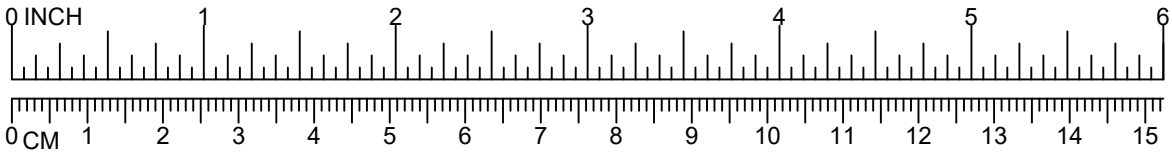
STEP 7
5 PLACES

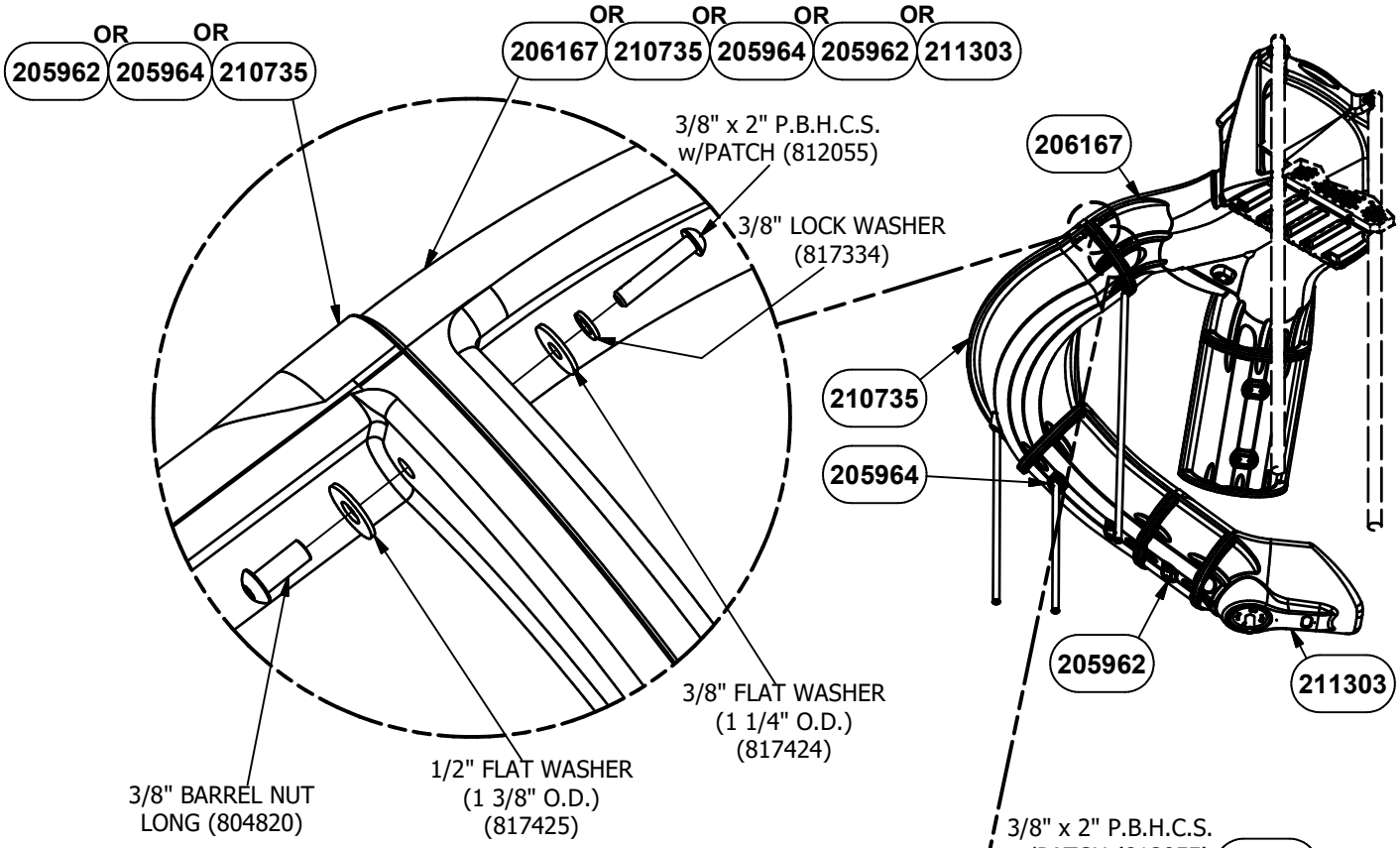


STEP 6
2 PLACES

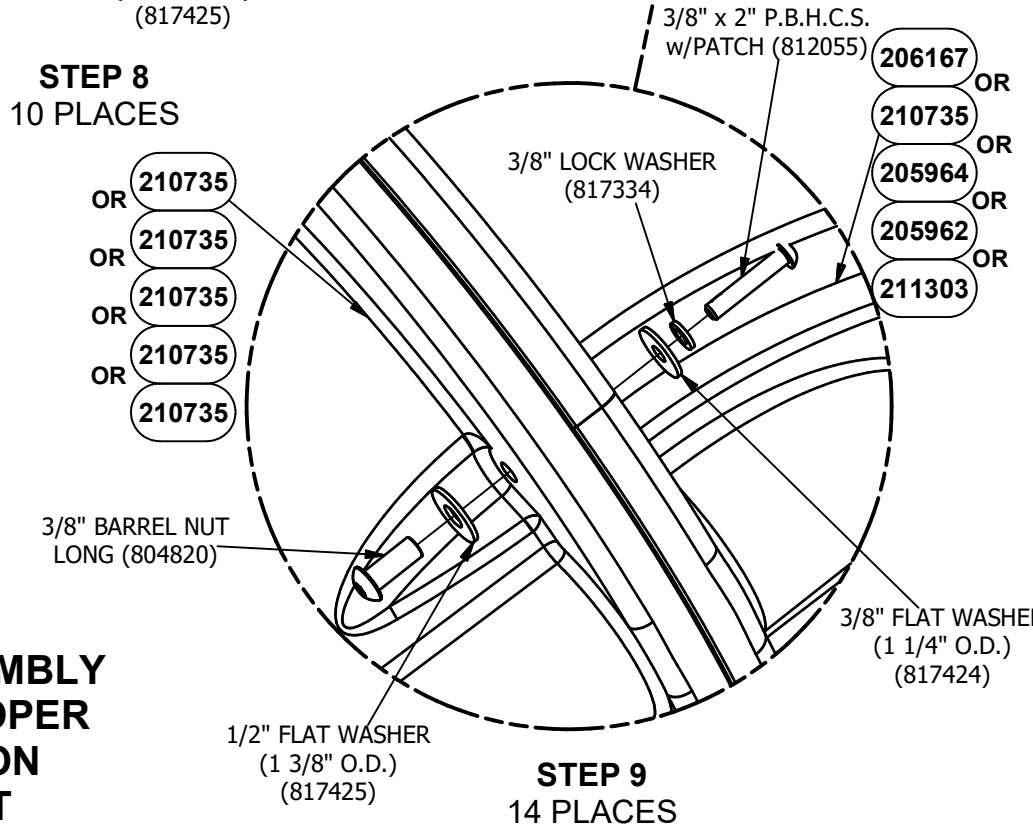
DETAIL VIEW

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





STEP 8
10 PLACES



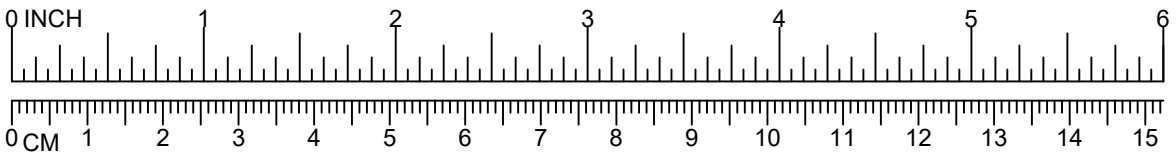
STEP 9
14 PLACES

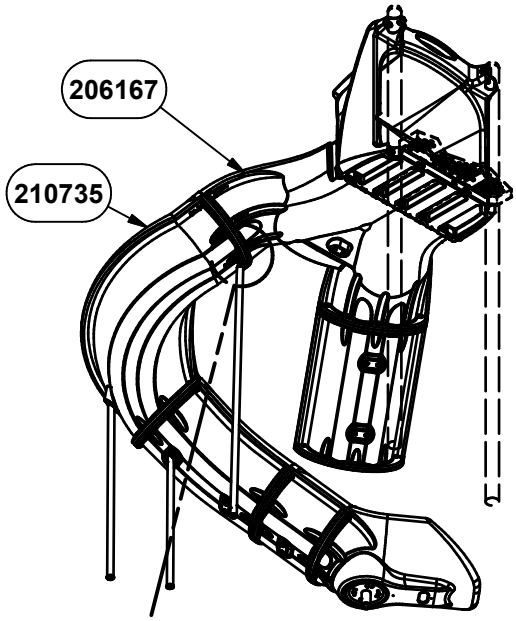
REFER TO FIGURE #1 PAGE 4

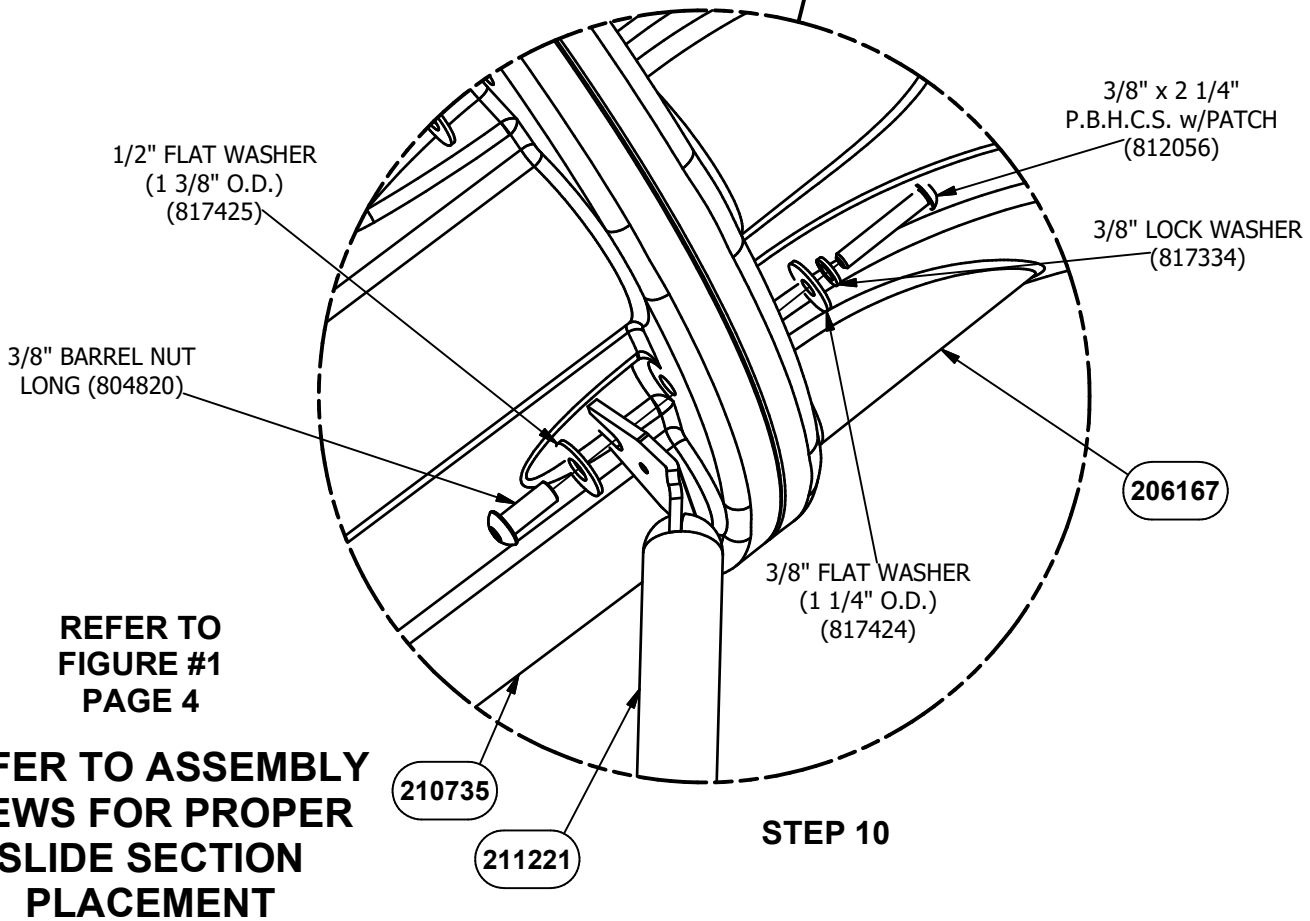
REFER TO ASSEMBLY VIEWS FOR PROPER SLIDE SECTION PLACEMENT

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

DETAIL VIEW







REFER TO FIGURE #1 PAGE 4

REFER TO ASSEMBLY VIEWS FOR PROPER SLIDE SECTION PLACEMENT

STEP 10

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

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
DOUBLE SLIDE HOOD	1	214527
DOUBLE ENTRANCE SECTION	1	206167
DOUBLE STRAIGHT SECTION	1	207601
STRAIGHT SECTION	1	205962
HELIX SPIRAL 140 DEGREES	1	210735
CURVED RIGHT SECTION	1	205964
EXIT SECTION	1	211303
SUPPORT ASS'Y 1	1	312634
SUPPORT ASS'Y 2	1	312637
FOOTBUCK WELD ASS'Y	1	204879
OVER AND UNDER SLIDE SUPPORT	1	211221
HARDWARE COMPLETE	1	223380
3/8" x 3/4" B.H.C.S.	4	811052*
3/8" x 1" B.H.C.S.	14	811050*
3/8" x 2" B.H.C.S.	4	811055*
3/8" x 2" P.B.H.C.S. w/PATCH	24	812055*
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	1	812056*
3/8" x 3" B.H.C.S.	8	811059*
3/8" LOCK WASHER	45	817334*
3/8" FLAT WASHER	8	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	40	817424*
3/8" HEX NUT	2	804053*
3/8" BARREL NUT LONG	25	804820*
1/2" FLAT WASHER (1 3/8" O.D.)	26	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 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.

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ISSUED/REVISED: 4/29/2020

19825

DUNUN DRUM PANEL



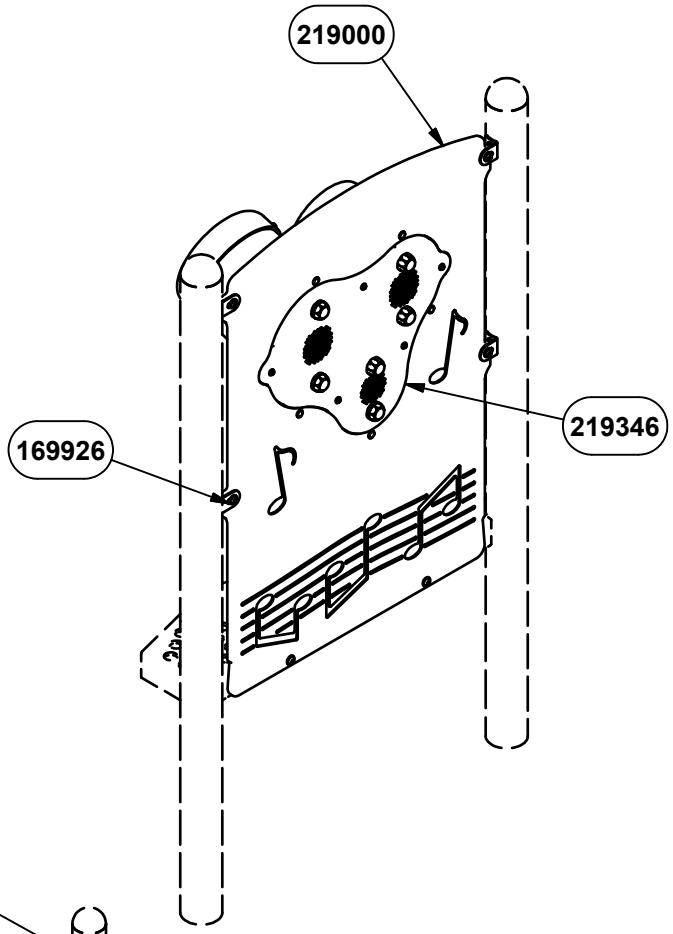
UP TO 5'-0" DECK HEIGHTS



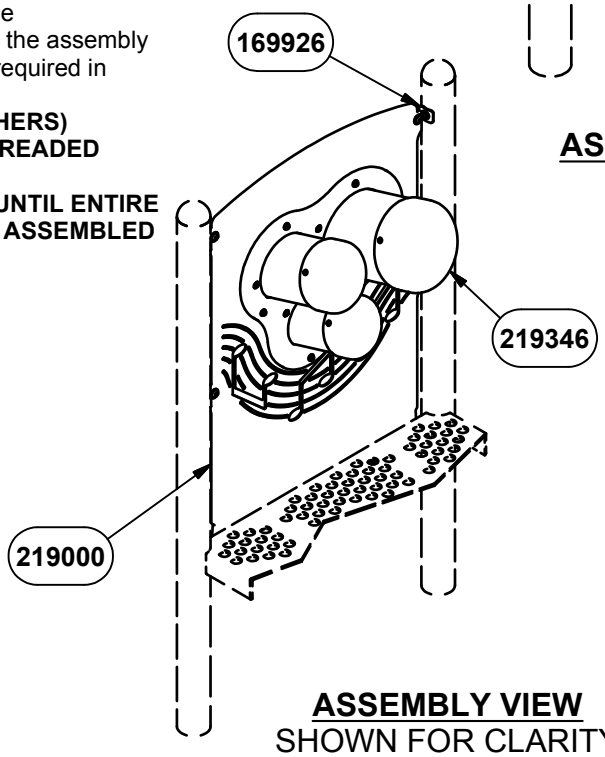
ALL DECK HEIGHTS

INSTALLATION INSTRUCTIONS

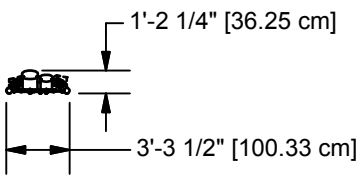
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE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



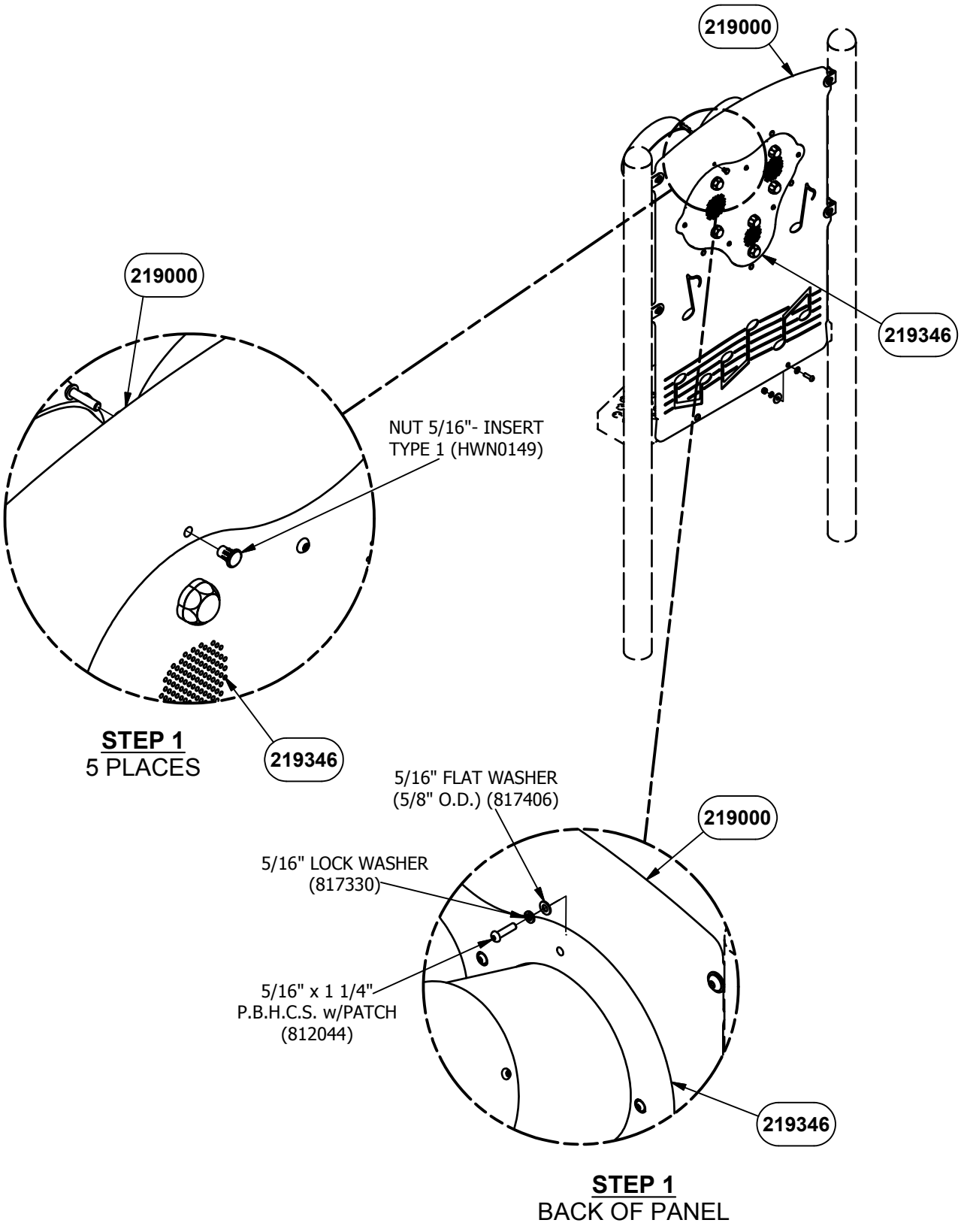
ASSEMBLY VIEW



ASSEMBLY VIEW
SHOWN FOR CLARITY



TOP VIEW

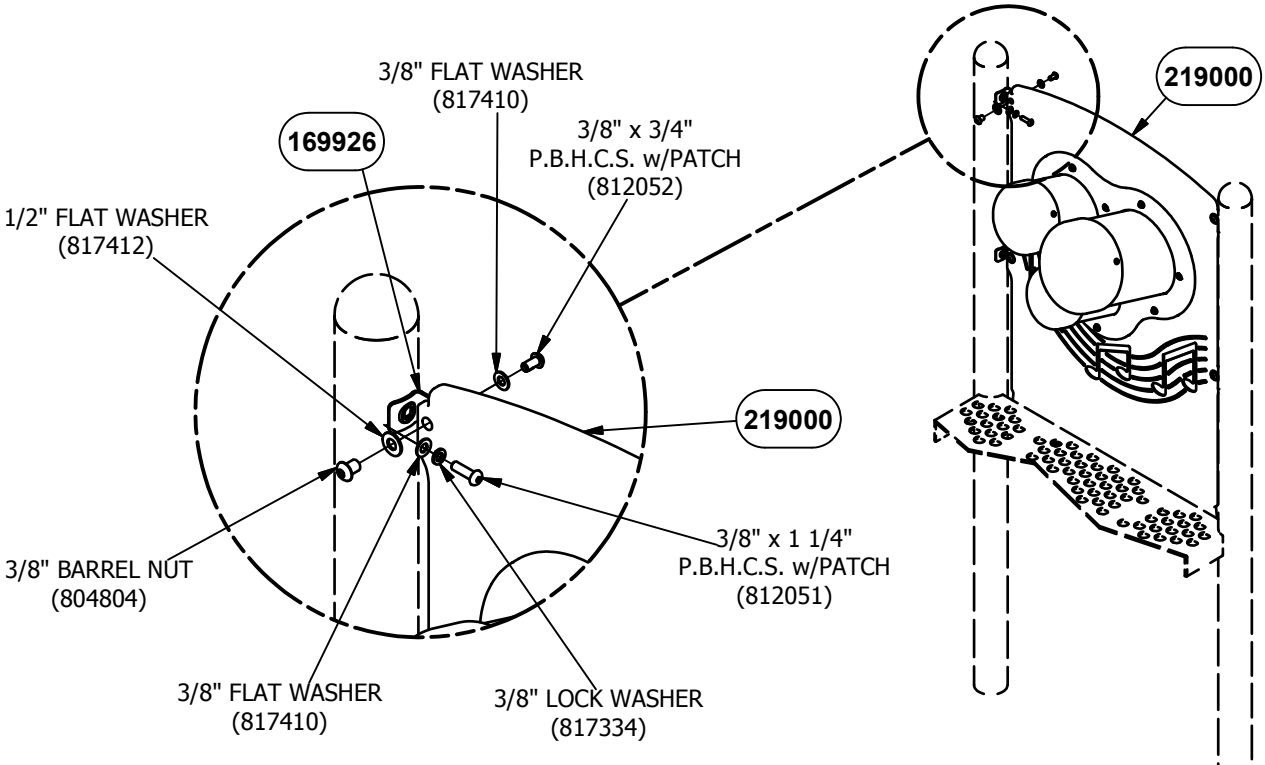


STEP 1
5 PLACES

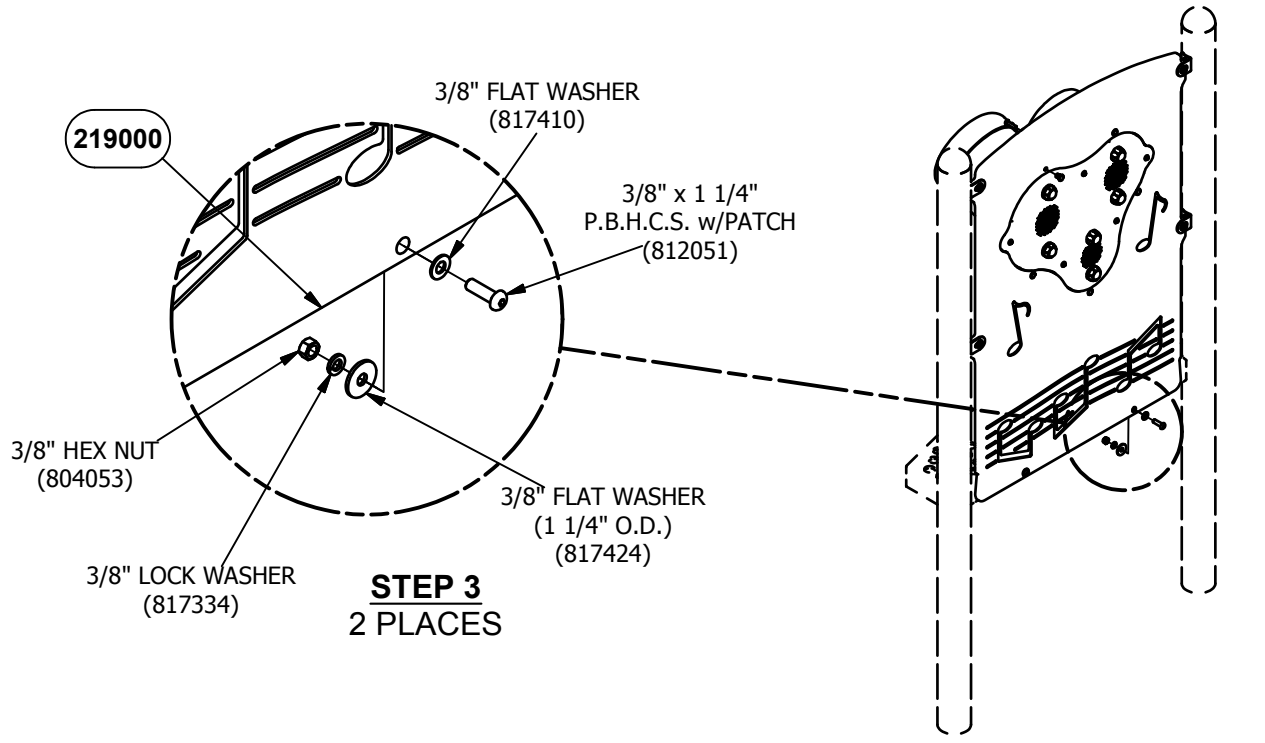
STEP 1
BACK OF PANEL

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

DETAIL VIEW



STEP 2
4 PLACES



STEP 3
2 PLACES

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

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
DUNUN DRUM PANEL	1	219000
DUNUN DRUM PANEL INSERT	1	219346
FORMED TAB	4	169926
HARDWARE COMPLETE	1	219350
3/8" x 3/4" P.B.H.C.S. w/PATCH	4	812052*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	6	812051*
3/8" LOCK WASHER	6	817334*
3/8" FLAT WASHER	10	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
3/8" BARREL NUT	4	804804*
3/8" HEX NUT	2	804053*
5/16" x 1 1/4" P.B.H.C.S. w/PATCH	5	812044*
5/16" LOCK WASHER	5	817330*
5/16" FLAT WASHER (5/8" O.D.)	5	817406*
NUT 5/16"- INSERT TYPE 1	5	HWN0149*
1/2" FLAT WASHER	4	817412*

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** Included in Hardware*

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

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.
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ISSUED/REVISED: 11/24/2020

19827

MARACABASAS PANEL



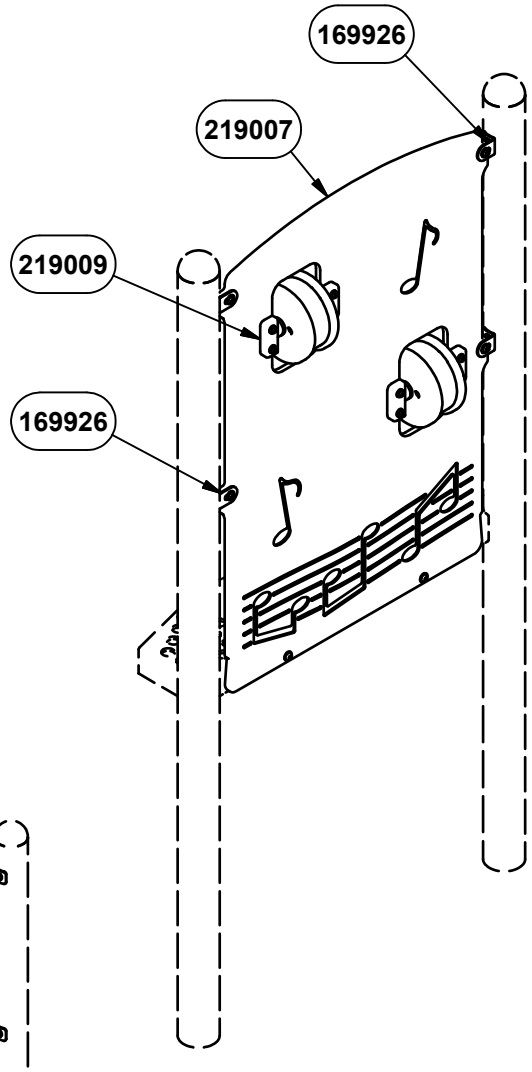
UP TO 5'-0"
DECK HEIGHT



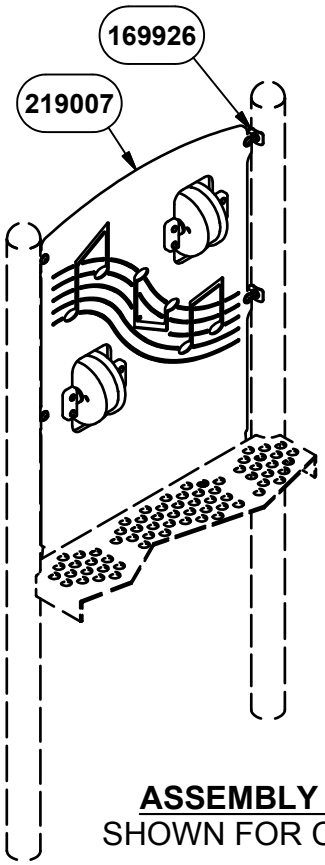
ALL DECK HEIGHTS

INSTALLATION INSTRUCTIONS

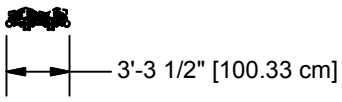
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
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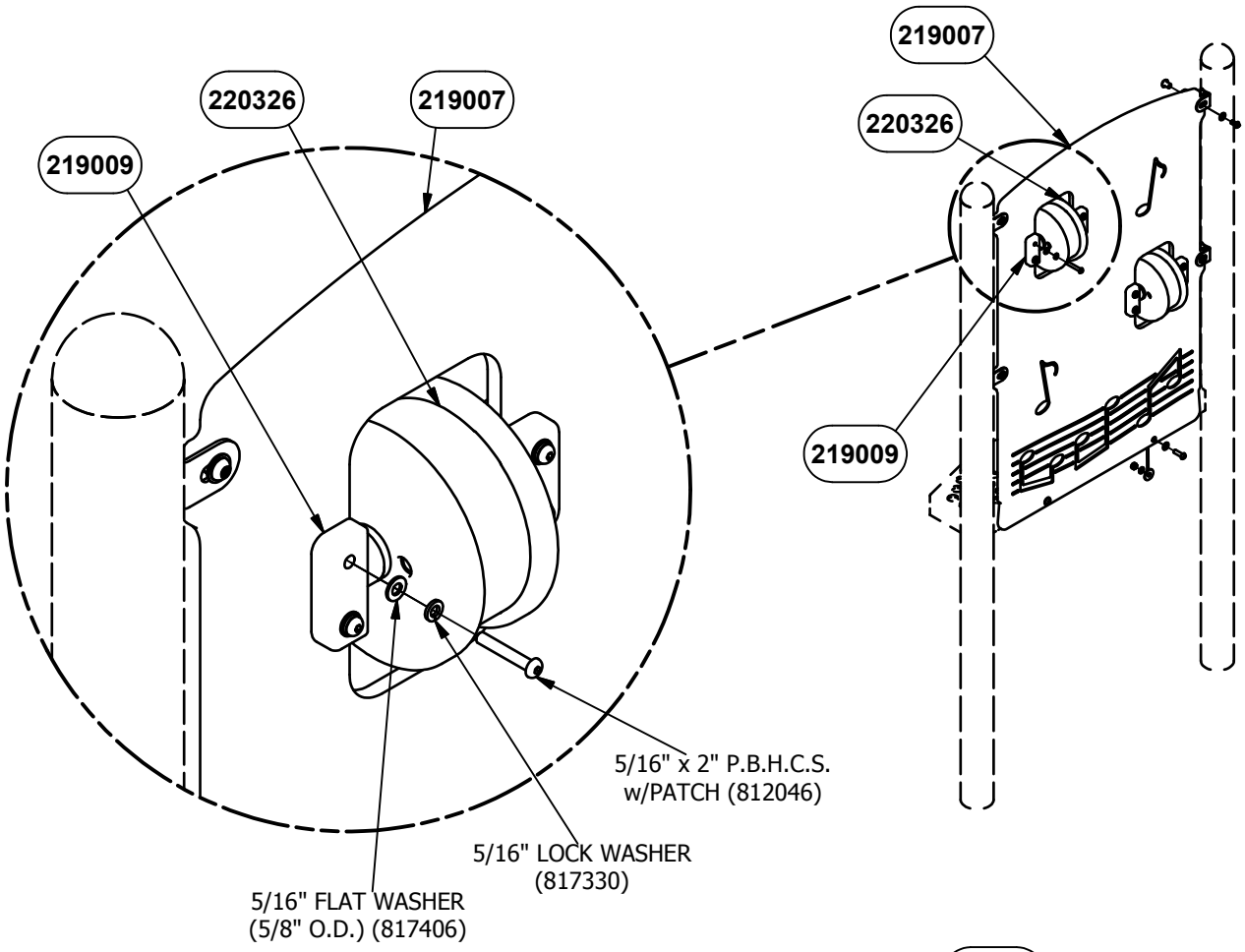
ASSEMBLY VIEW



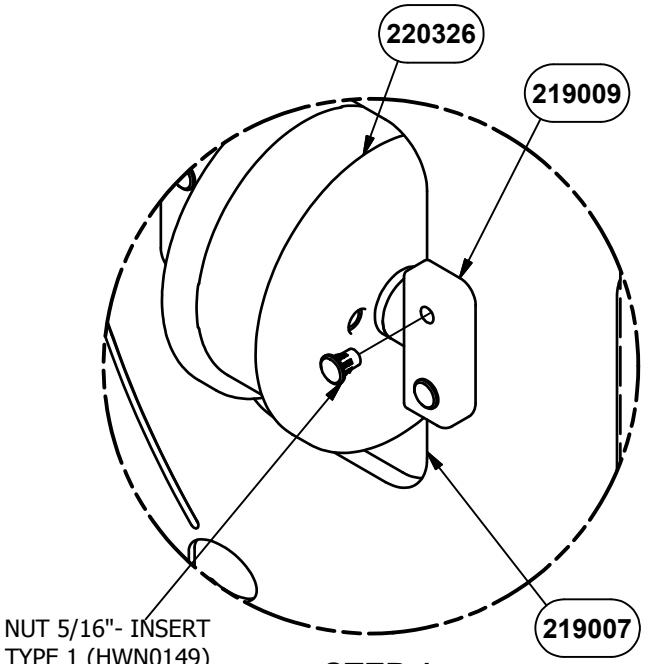
ASSEMBLY VIEW
SHOWN FOR CLARITY



TOP VIEW



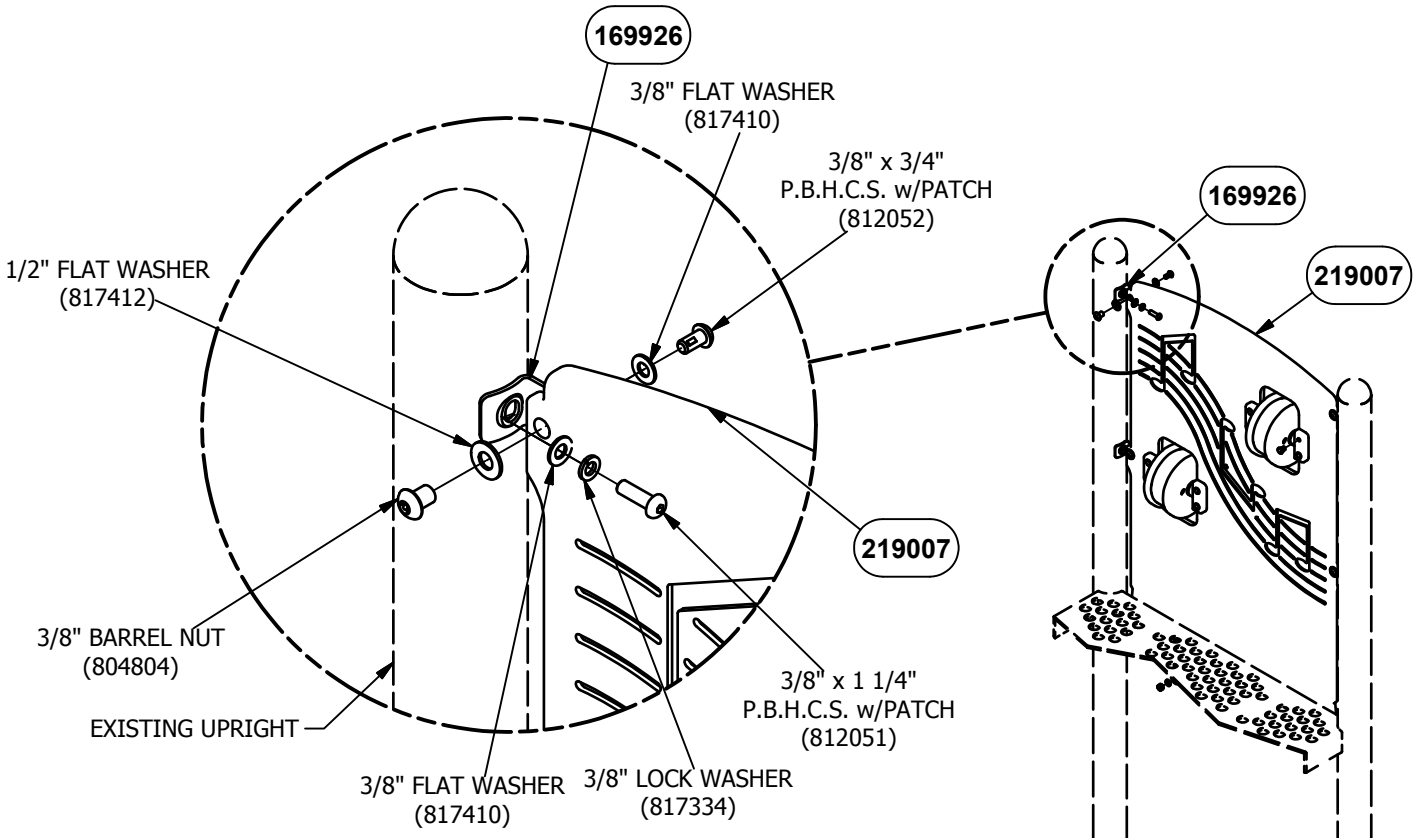
STEP 1
8 PLACES



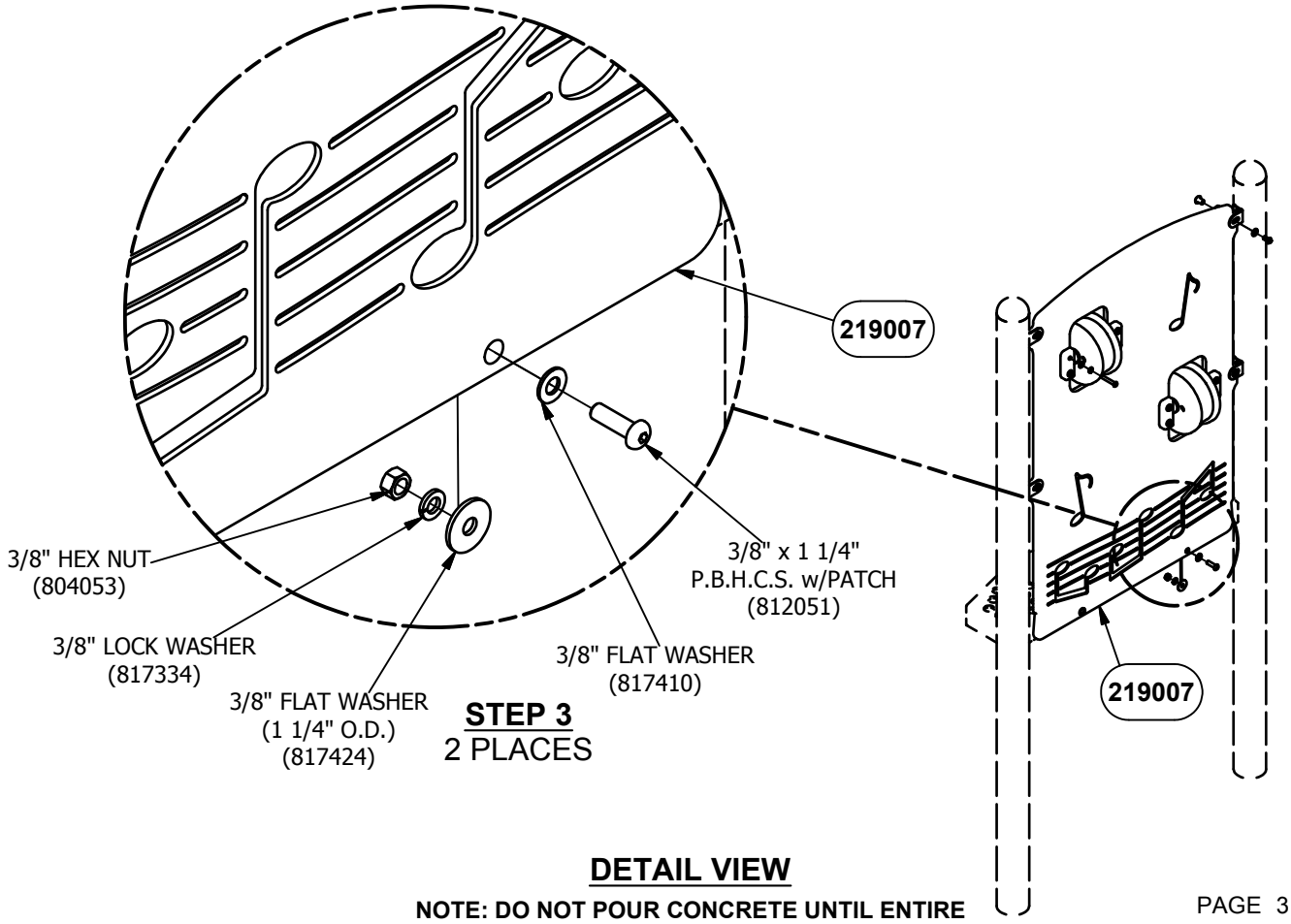
STEP 1
BACK OF PANEL

DETAIL VIEW

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



STEP 2
4 PLACES



STEP 3
2 PLACES

DETAIL VIEW

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

Parts List		
DESCRIPTION	QTY	PART NUMBER
MARACABASAS PANEL	1	219007
MARACABASAS PANEL INSERT	1	220326
FORMED TAB	4	169926
HARDWARE COVER	8	219009
HARDWARE COMPLETE	1	219010
3/8" x 3/4" P.B.H.C.S. w/PATCH	4	812052*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	6	812051*
3/8" LOCK WASHER	6	817334*
3/8" FLAT WASHER	10	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
3/8" BARREL NUT	4	804804*
3/8" HEX NUT	2	804053*
5/16" x 2" P.B.H.C.S. w/PATCH	8	812046*
5/16" LOCK WASHER	8	817330*
5/16" FLAT WASHER (5/8" O.D.)	8	817406*
NUT 5/16"- INSERT TYPE 1	8	HWN0149*
1/2" FLAT WASHER	4	817412*

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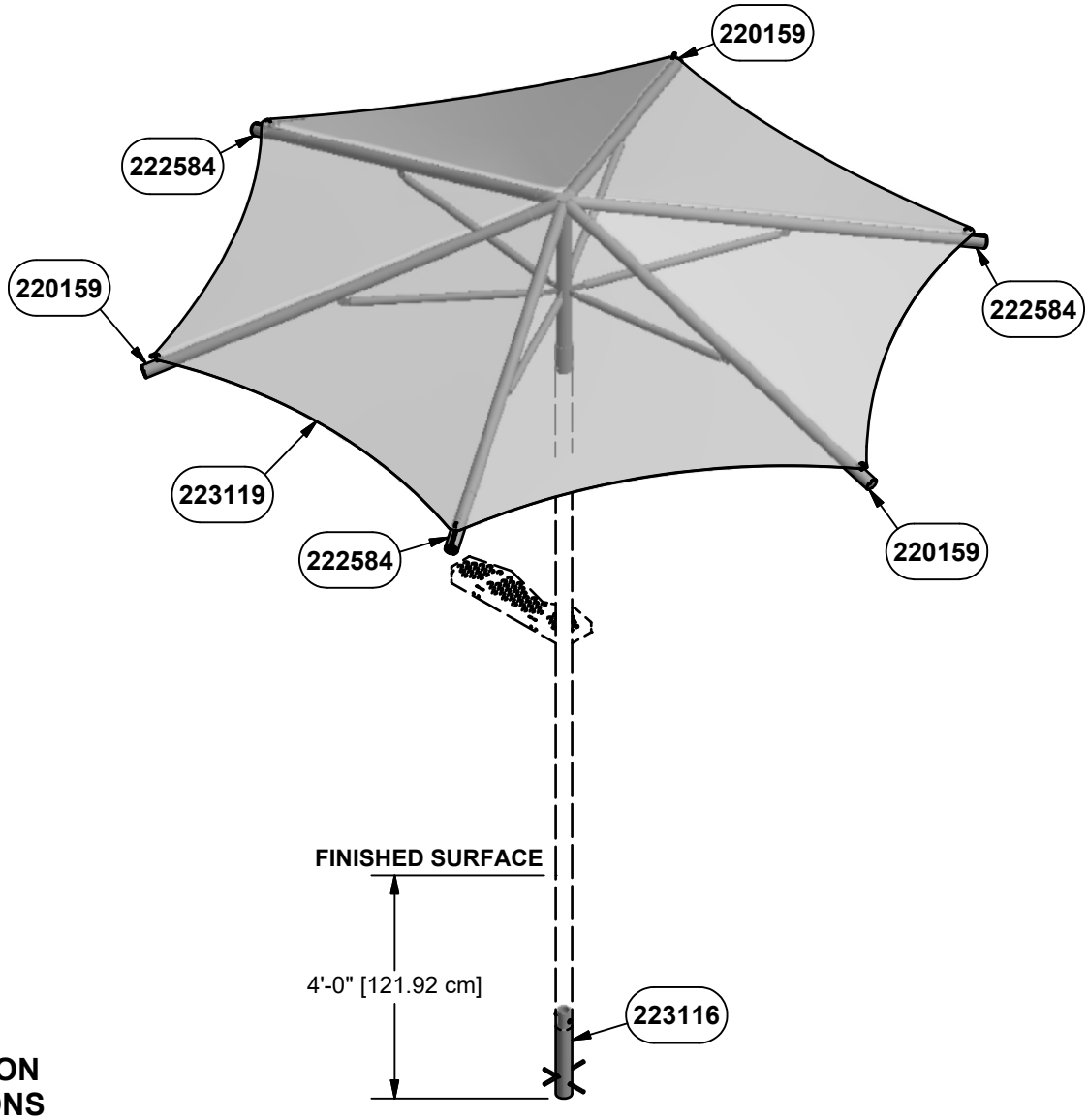
1-800-235-2440

ISSUED/REVISED: 6/14/2023

SUNBLOX
SHADE BY GAMETIME

19873
15' HEX UMBRELLA CANOPY

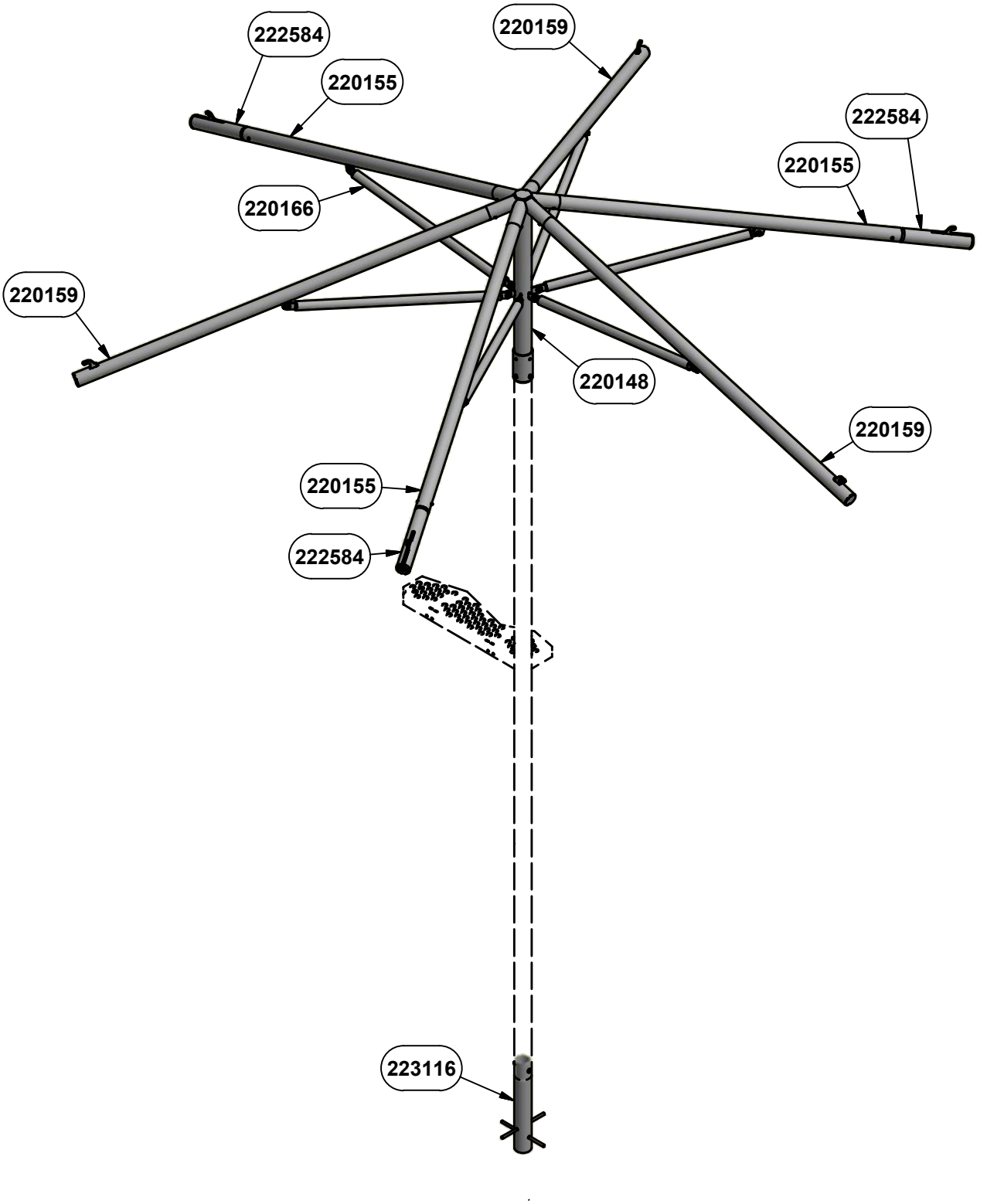
1' THRU 6' DECK 19873
7' THRU 8' DECK 19874



ASSEMBLY VIEW
19873 SHOWN
19874 SIMILAR

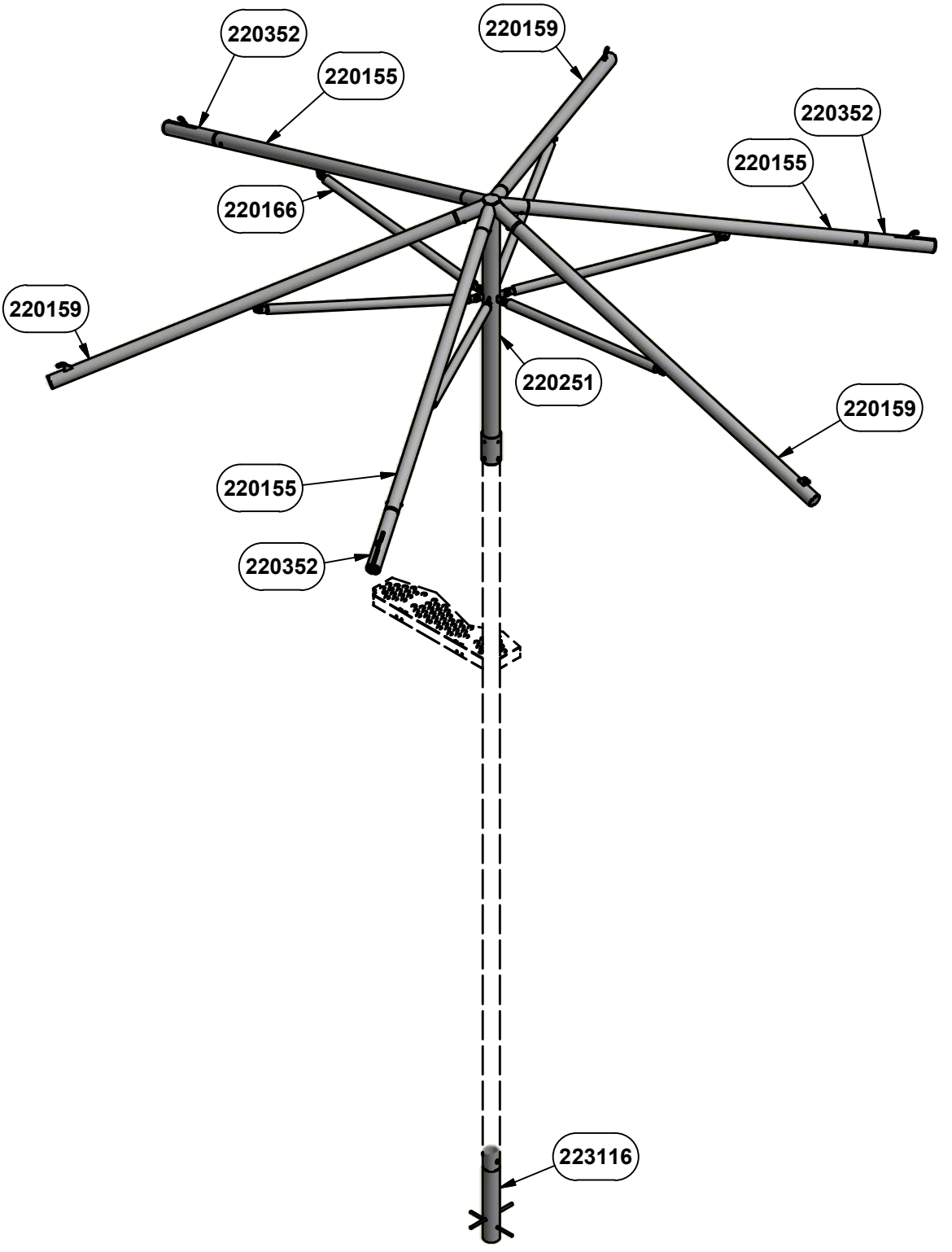
INSTALLATION INSTRUCTIONS

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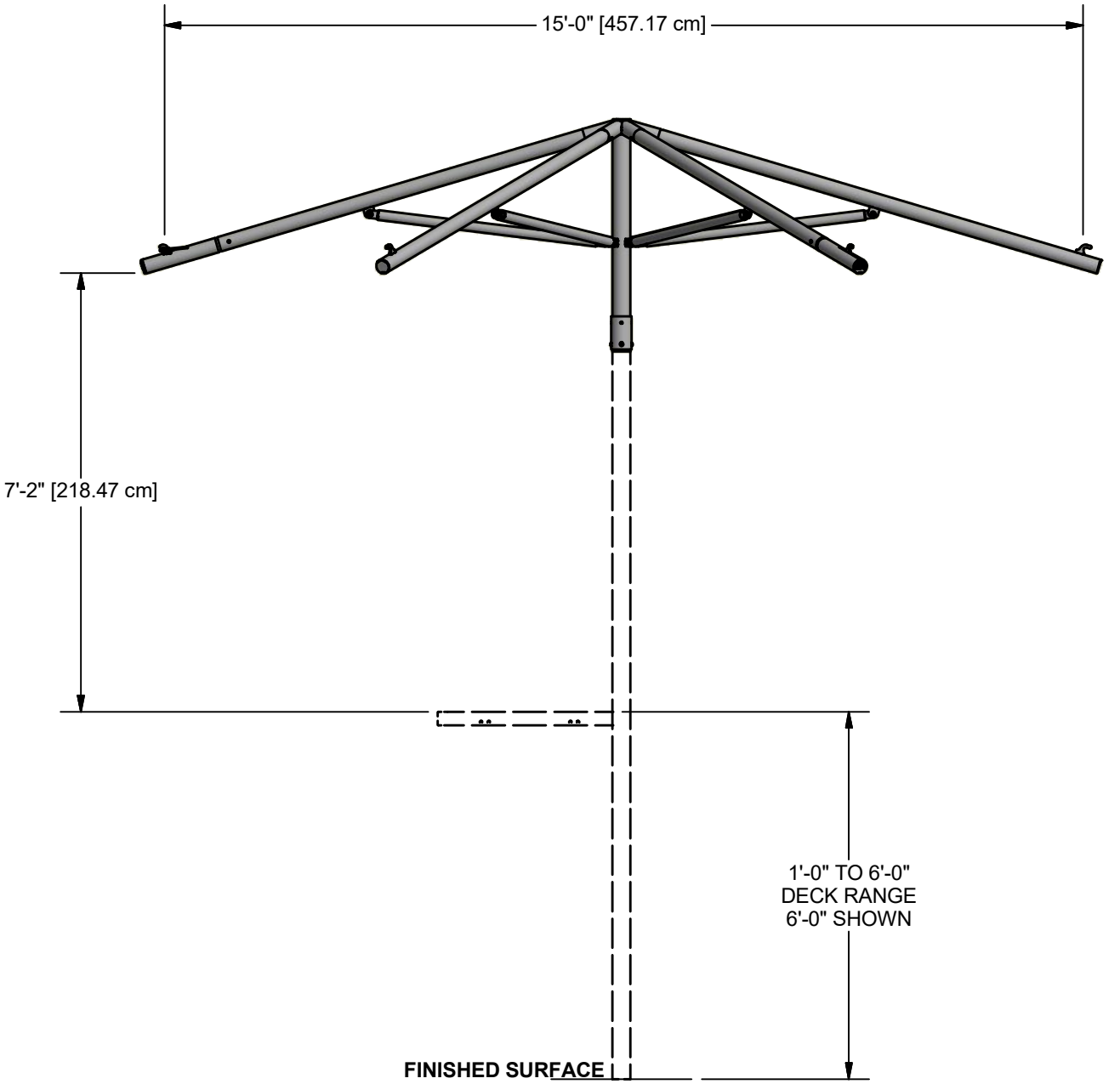


FRAME ASSEMBLY VIEW

19873

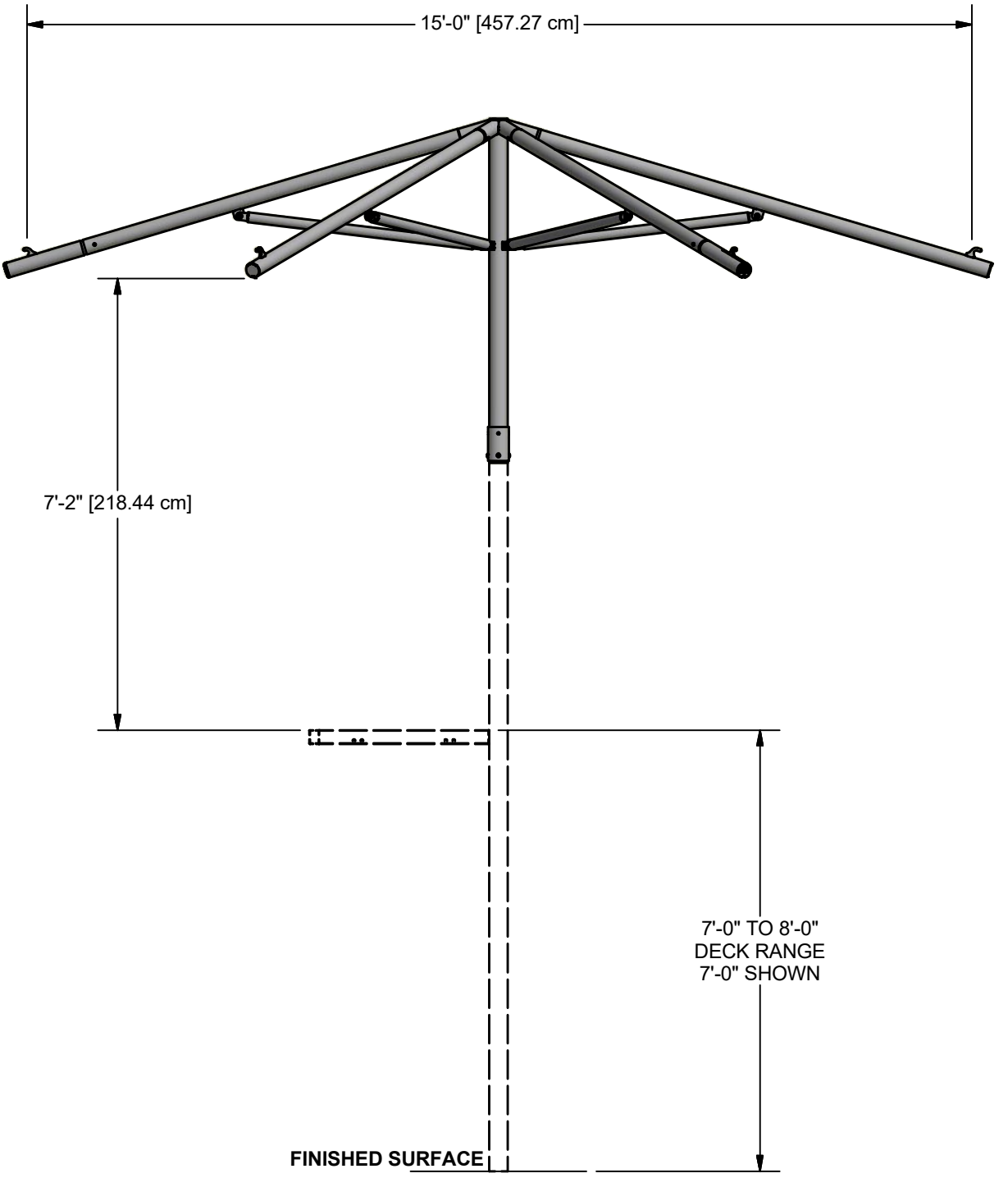


FRAME ASSEMBLY VIEW
19874



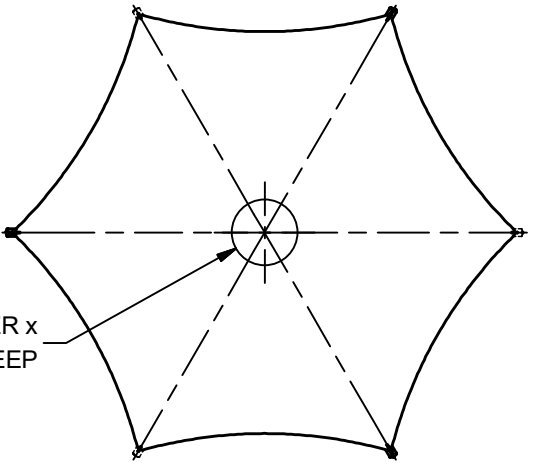
FRAME ELEVATION VIEW

19873



FRAME ELEVATION VIEW

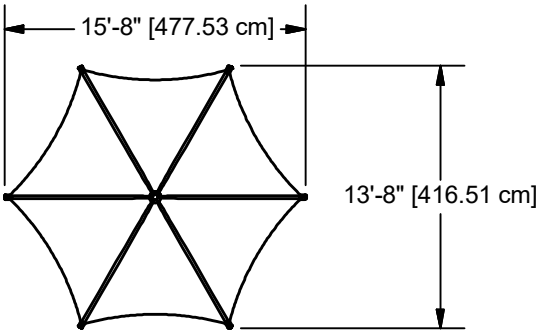
19874



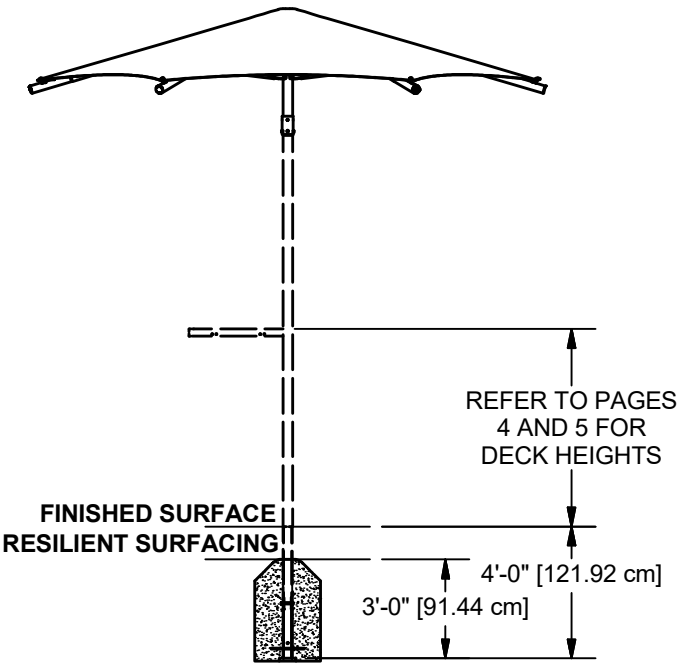
PLAN VIEW
19873 SHOWN
19874 SIMILAR

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.

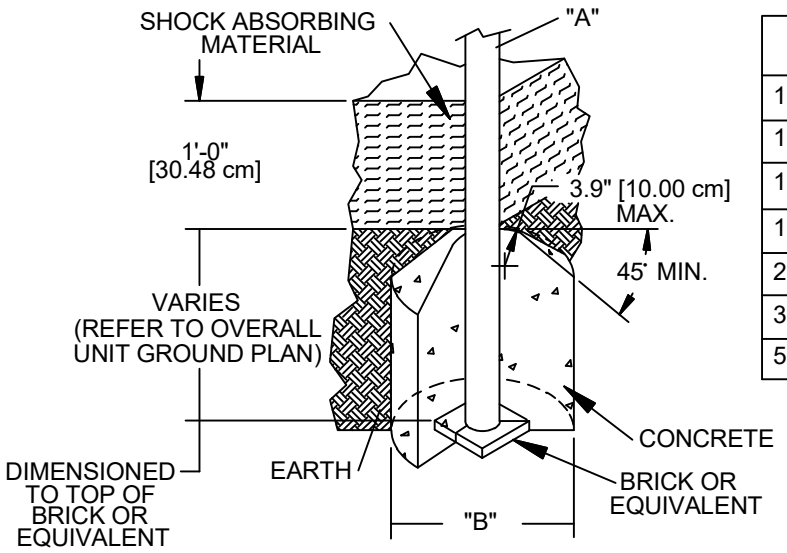
CONCRETE REQUIRED:
0.35 CUBIC YARDS
[0.27 CUBIC METERS]



TOP VIEW
19873 SHOWN
19874 SIMILAR



ELEVATION VIEW
19873 SHOWN
19874 SIMILAR

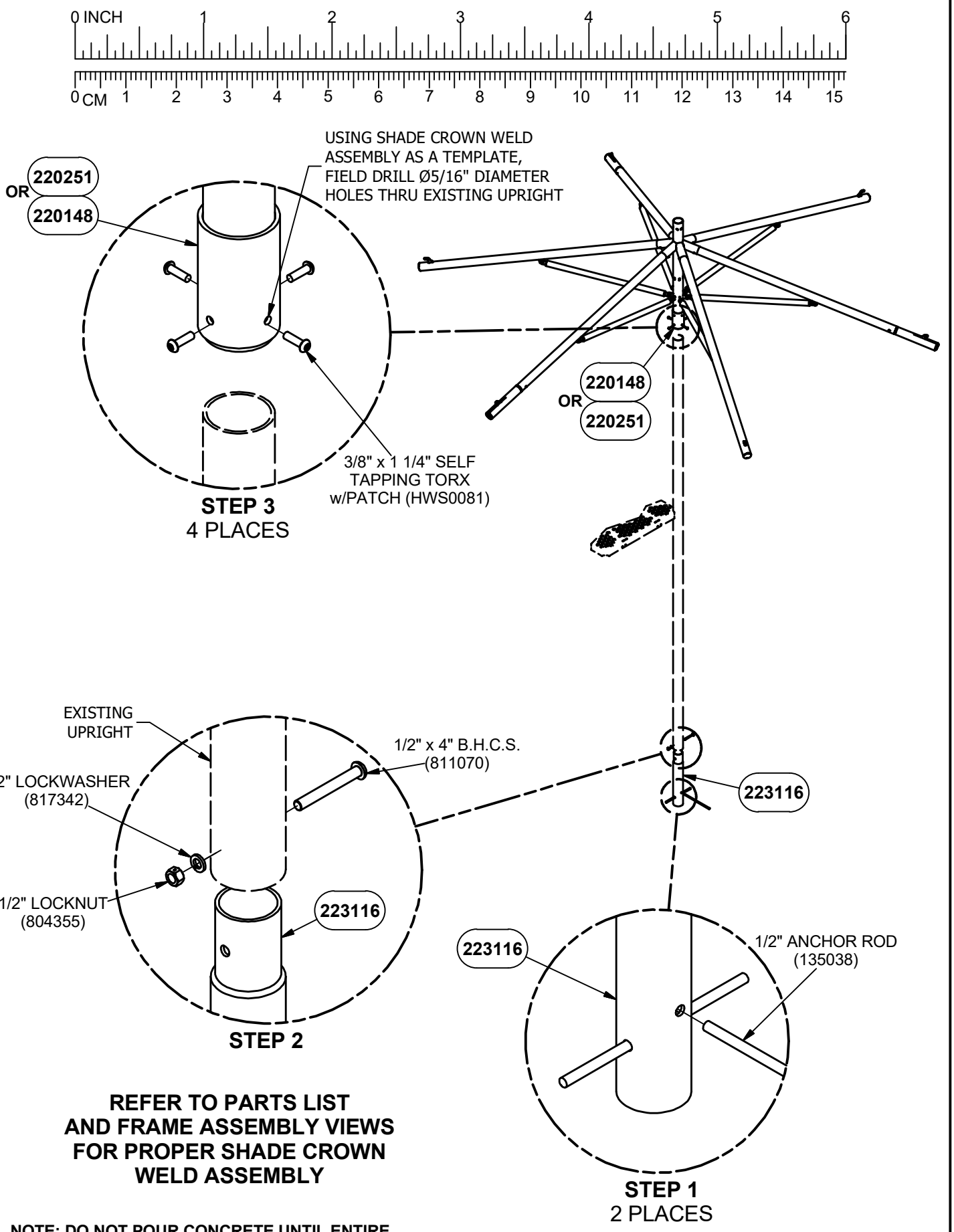


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]

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.

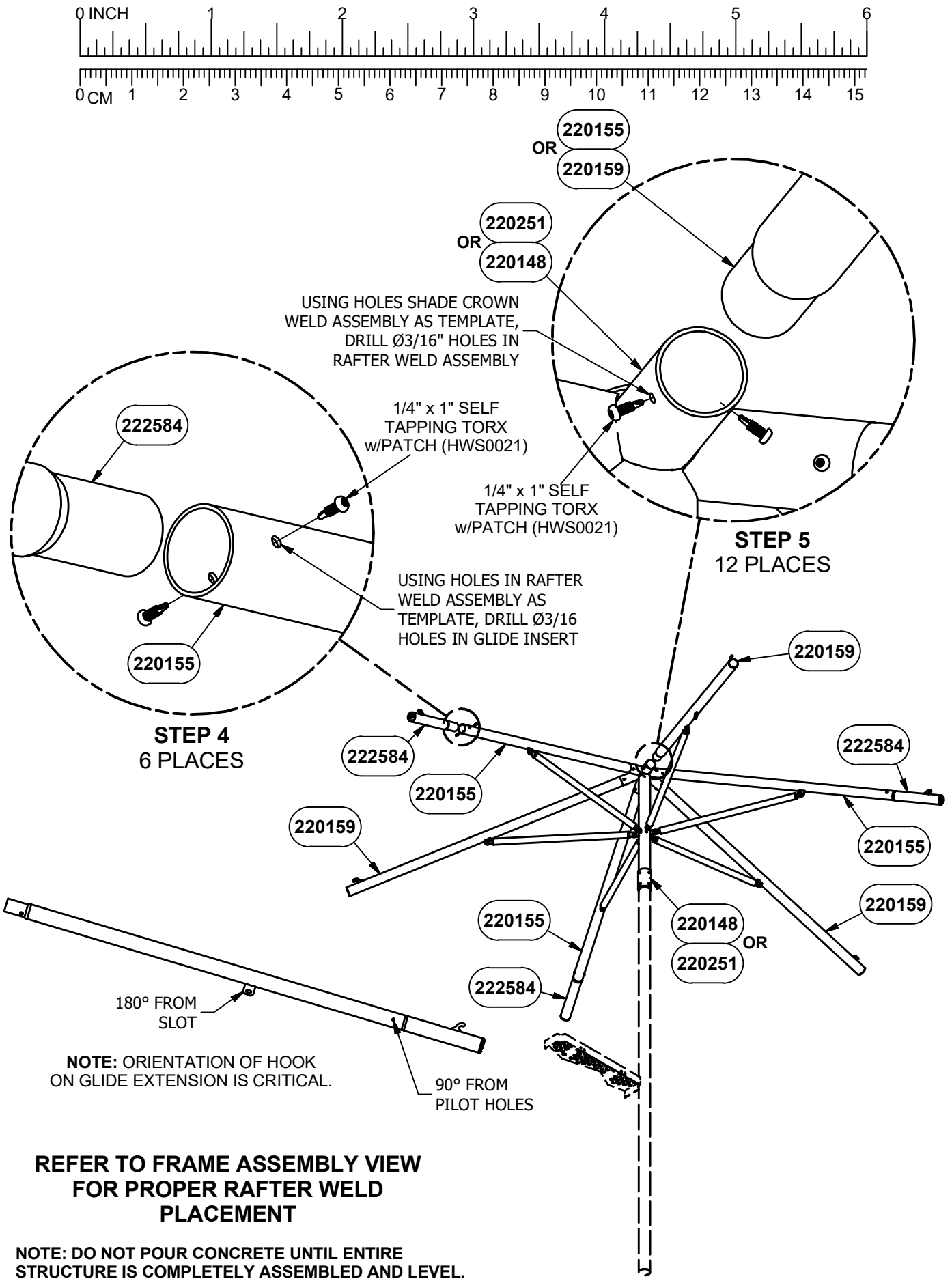
FOOTING DETAIL



REFER TO PARTS LIST AND FRAME ASSEMBLY VIEWS FOR PROPER SHADE CROWN WELD ASSEMBLY

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

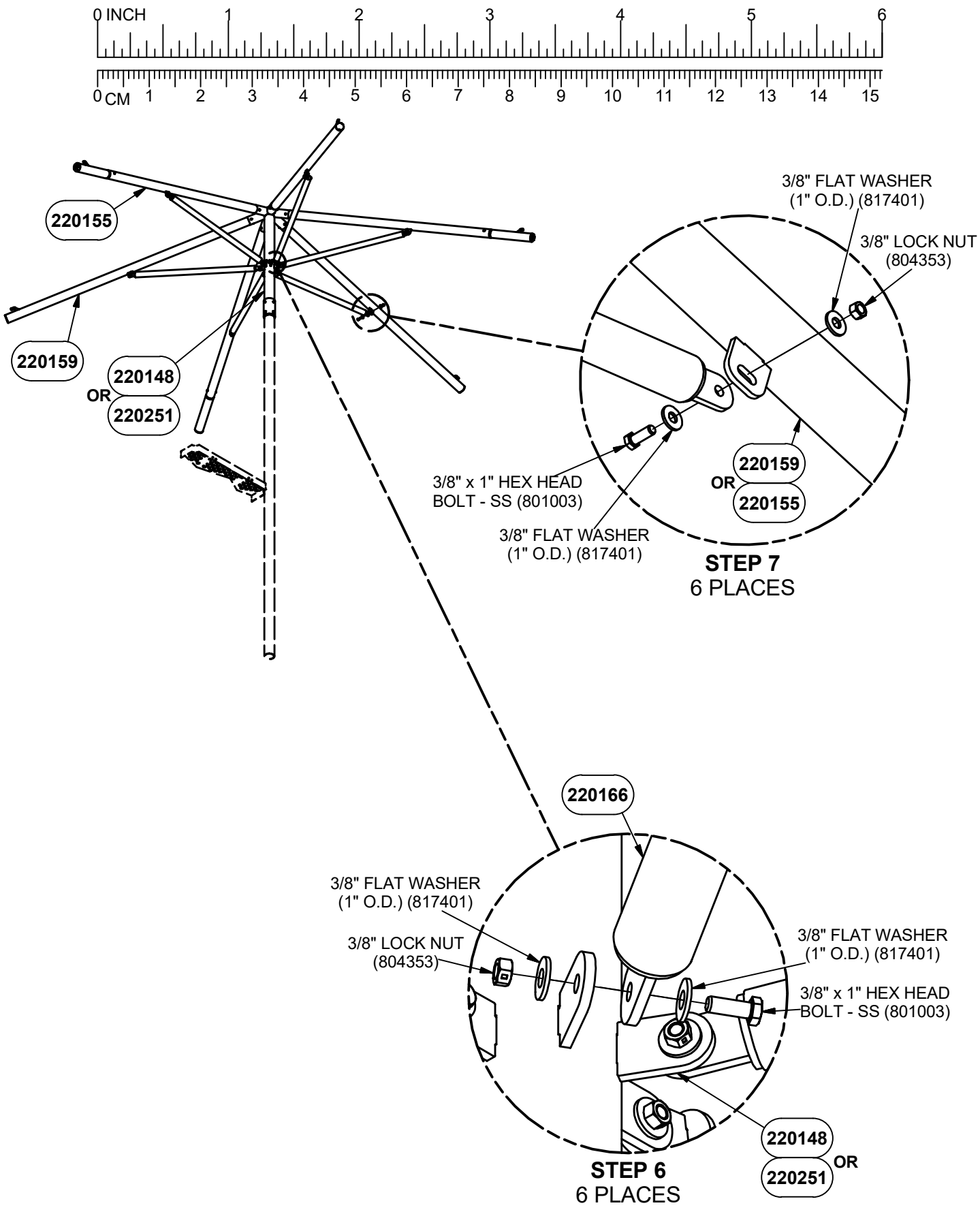
DETAIL VIEW



REFER TO FRAME ASSEMBLY VIEW FOR PROPER RAFTER WELD PLACEMENT

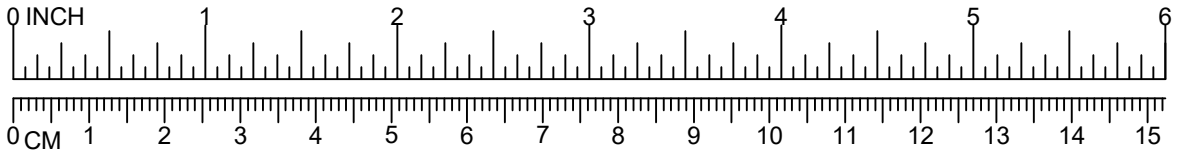
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

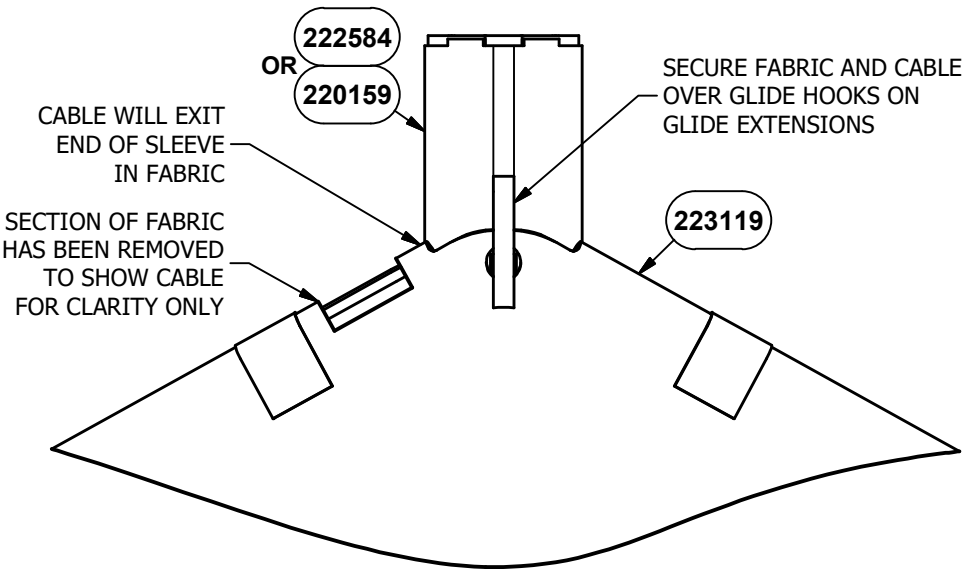
DETAIL VIEW



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

DETAIL VIEW





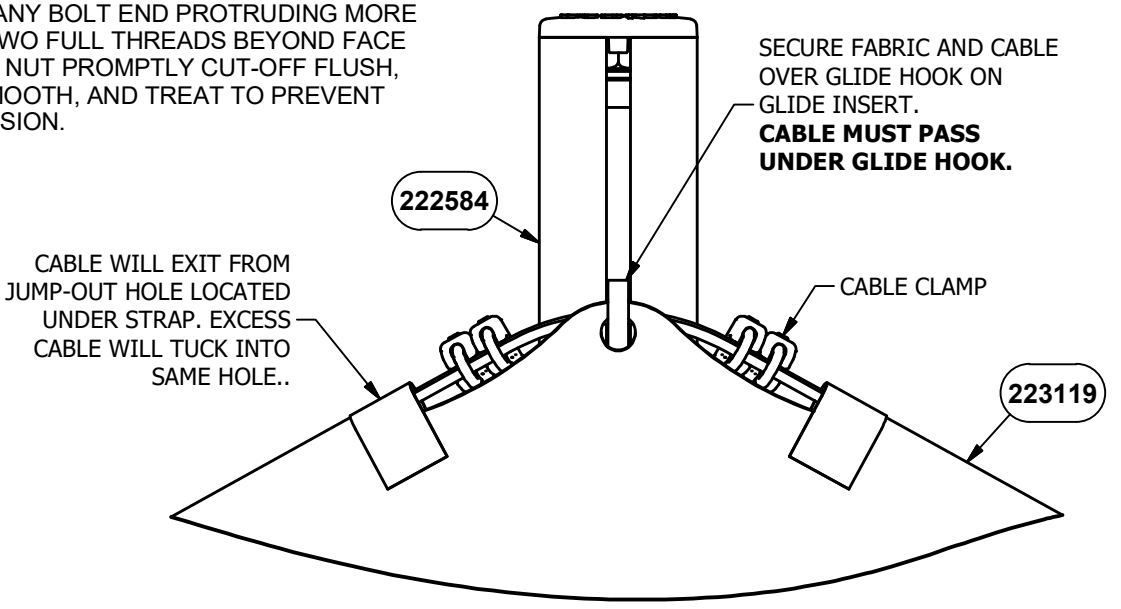
VIEW IS FROM TOP OF SHADE FABRIC

STEP 8
5 PLACES

NOTE: ADD LOCTITE (SUPPLIED BY OTHERS) TO BOLTED CONNECTIONS.

NOTE: CABLE CLAMP MUST BE INSTALLED WITH NUTS FACING DOWN. CLAMPS MUST BE TOUCHING EACH OTHER.

NOTE: ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND FACE OF THE NUT PROMPTLY CUT-OFF FLUSH, FILE SMOOTH, AND TREAT TO PREVENT CORROSION.

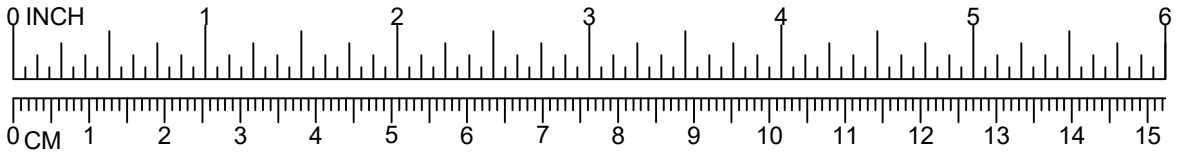


VIEW IS FROM TOP OF SHADE FABRIC

STEP 9

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

DETAIL VIEW



REMOVE COVER PLATE
TO ACCESS TENSIONING NUT

222584

COVER PLATE
*DRAIN PORT AT BOTTOM

3/8" WASHER

3/8" BOLT

HARDWARE INCLUDED IN
GLIDE INSERT (222584)

STEP 10
3 PLACES

222584

222584

222584

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

DETAIL VIEW

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 condition

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 Anchor Rods to In-Ground Extension. **REFER TO PAGE 8.**

STEP 2: Attach In-Ground Extension to Upright. **REFER TO PAGE 8.**

STEP 3: Attach Shade Crown Weld Assembly to Upright. Using Shade Crown Weld Assembly as a template, field drill Ø5/16" diameter holes thru existing upright. **REFER TO PAGE 8.**

STEP 4: Attach Glide Inserts to Rafter Weld Assemblies (220155). Using existing holes in Rafter Weld Assembly as template, drill Ø3/16" holes in Glide Insert. **REFER TO PAGE 9.**

STEP 5: Attach Rafter Weld Assemblies to Shade Crown Weld Assembly. Using existing holes in Shade Crown Weld Assembly, drill Ø3/16" holes in Rafter Weld Assembly. **REFER TO PAGE 9.**

STEP 6: Attach Strut Weld Assemblies to Shade Crown Weld Assembly. **REFER TO PAGE 10.**

STEP 7: Attach Strut Weld Assemblies to Rafter Weld Assemblies. **REFER TO PAGE 10.**

NOTE: FOLLOWING STEPS TO BE COMPLETED AFTER CONCRETE HAS CURED APPROXIMATELY 48 HOURS.

STEP 8: Starting at any corner thread the steel cable through the jump-out hole under loop at the edge of the shade fabric until it comes out the end of the sleeve at the next corner. Continue threading cable through sleeve all the way around the shade fabric until the entire shade fabric has been encircled. Cable will exit through jump-out hole on the same corner it was started. Leave a loop of approximately 9 inches at each non-tensioning corner. Spread the shade fabric over the frame and secure corners to the Glide Hooks. It may be necessary to flap the loose corners up and down to stretch the shade fabric so that it fits over the Glide Hooks. **NOTE:** The Steel Cable must always pass under the Glide Hooks. **REFER TO PAGE 11.**

STEP 9: Pull tight by hand then using the clamps provided, fasten the steel cables together. All clamps must be used. After clamps are tightened, thread the excess steel cable back into the jump-out holes in the shade fabric. **NOTE:** If any portion of the steel cable was bent/kinked during the tensioning process, it must be straightened by bending the steel cable back in the opposite direction of the bend. **REFER TO PAGE 11.**

STEP 10: Remove Cover Plate from Glide Insert to access tensioning nut. Take turns tensioning each Glide Insert in small increments. Make sure that the steel cables cross each other at the corner where the steel cable ends. DO NOT OVER TENSION! You can test the tightness of the shade fabric by hitting the perimeter steel cable with the palm of your hand to see how much it moves. If the shade fabric does not move more than 6" up or down then you have the correct tension. If the shade fabric bounces and has a ripple affect then you may need to apply more tension. Attach Cover Plate to Glide Insert. **REFER TO PAGE 12.**

Parts List			
DESCRIPTION	19873	19874	PART NUMBER
SHADE CROWN WELD ASSEMBLY	1	0	220148
SHADE CROWN WELD ASSEMBLY	0	1	220251
GLIDE EXTENSION	3	3	222584
RAFTER WELD ASSEMBLY	3	3	220155
RAFTER WELD ASSEMBLY	3	3	220159
STRUT WELD ASSEMBLY	6	6	220166
IN-GROUND EXTENSION	1	1	223116
15' HEX FABRIC PACKAGE	1	1	223119
15' HEX SHADE FABRIC	1	1	**
CABLE (3/16" DIAMETER 50' LG)	1	1	**
CABLE CLAMP	4	4	**
HARDWARE COMPLETE	1	1	220245
1/4" x 1" SELF TAPPING TORX w/PATCH	18	18	HWS0021*
3/8" x 1" HEX HEAD BOLT - SS	12	12	801003*
3/8" x 1 1/4" SELF TAPPING TORX w/PATCH	4	4	HWS0081*
3/8" FLAT WASHER (1" O.D.)	24	24	817401*
3/8" LOCK NUT	12	12	804353*
1/2" x 4" B.H.C.S.	1	1	811070*
1/2" LOCKWASHER	1	1	817342*
1/2" LOCKNUT	1	1	804355*
1/2" ANCHOR ROD	2	2	135038*

Unless Otherwise Specified, All Units of Measure are Each
** Included in Hardware*
*** Included in 15' Hex Fabric 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 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.

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1-800-235-2440

ISSUED/REVISED: 2/9/2024

19881

HI-LINE CLIMBING LINK



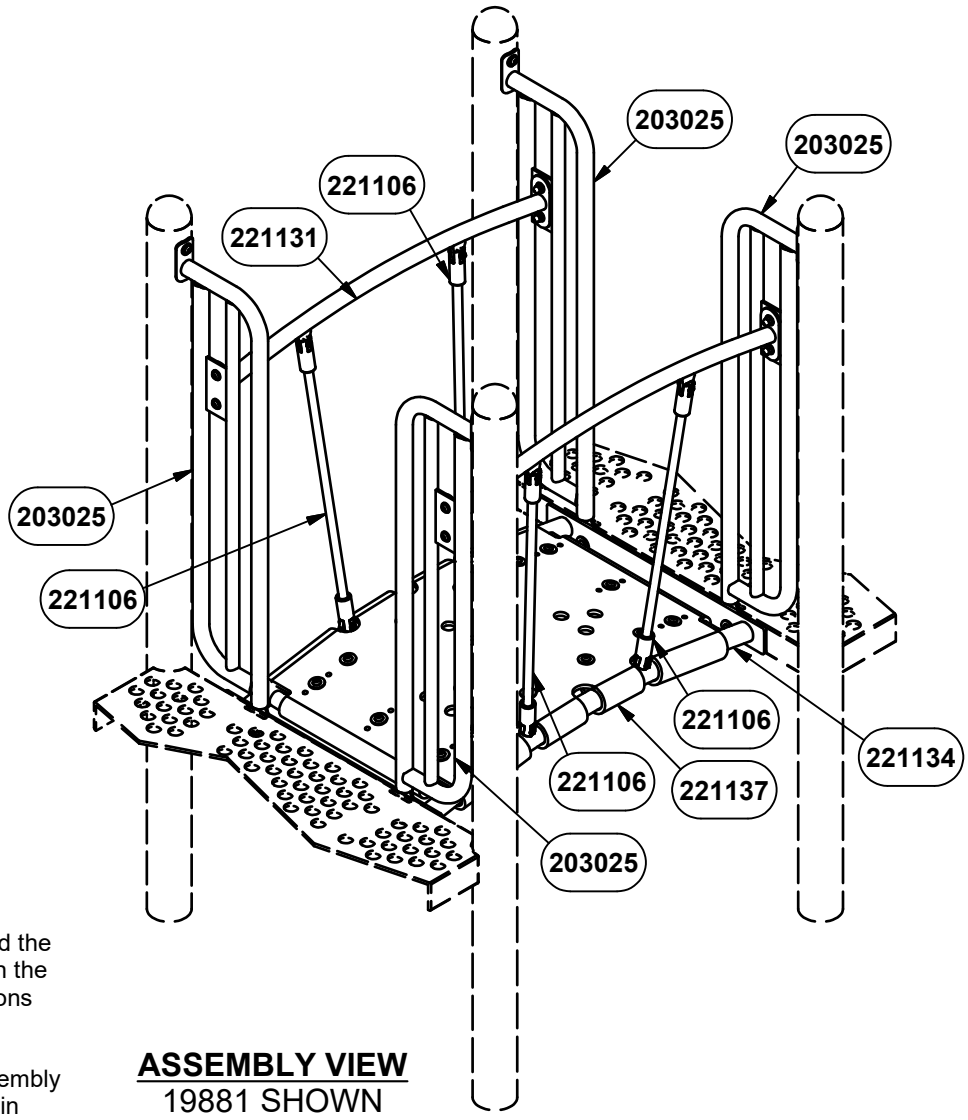
UP TO 5'-0"



19881 & 19883
UP TO 7'-0"

19882, 19884,
19885 & 19886
UP TO 8'-0"

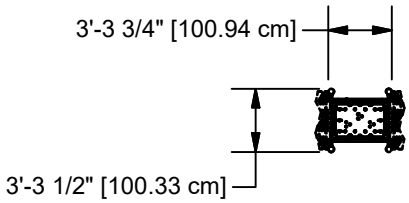
HI-LINE CLIMBING LINK 1 DECK SPAN 0'-0" RISE	**19881**
HI-LINE CLIMBING LINK 1 DECK SPAN 1'-0" RISE	**19882**
HI-LINE CLIMBING LINK 2 DECK SPAN 0'-0" RISE	**19883**
HI-LINE CLIMBING LINK 2 DECK SPAN 1'-0" RISE	**19884**
HI-LINE CLIMBING LINK 2 DECK SPAN 2'-0" RISE	**19885**
HI-LINE CLIMBING LINK 2 DECK SPAN 3'-0" RISE	**19886**



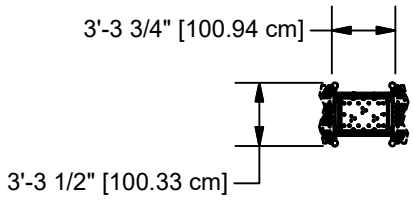
ASSEMBLY VIEW
19881 SHOWN
OTHER SIMILAR

NSTALLATION INSTRUCTIONS

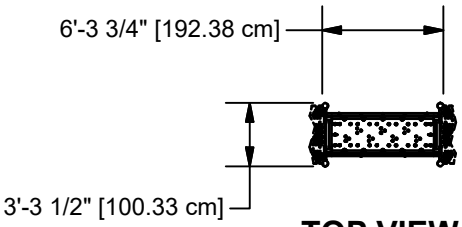
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE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



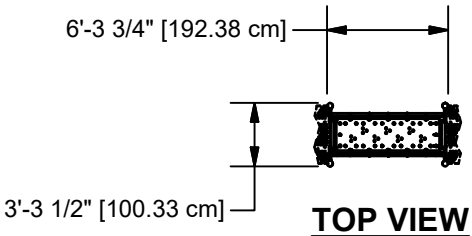
TOP VIEW
19881



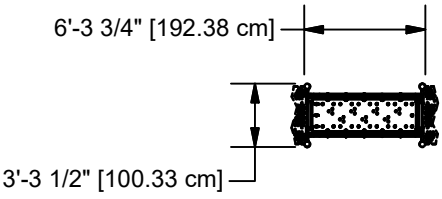
TOP VIEW
19882



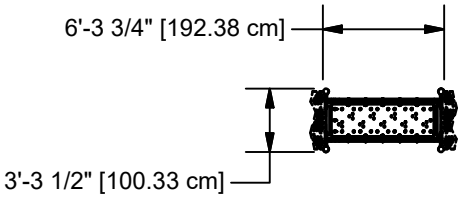
TOP VIEW
19883



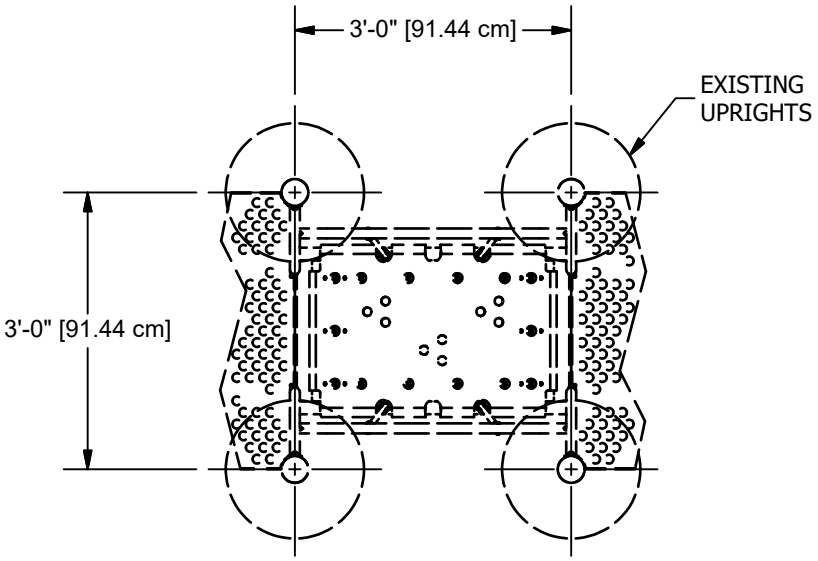
TOP VIEW
19884



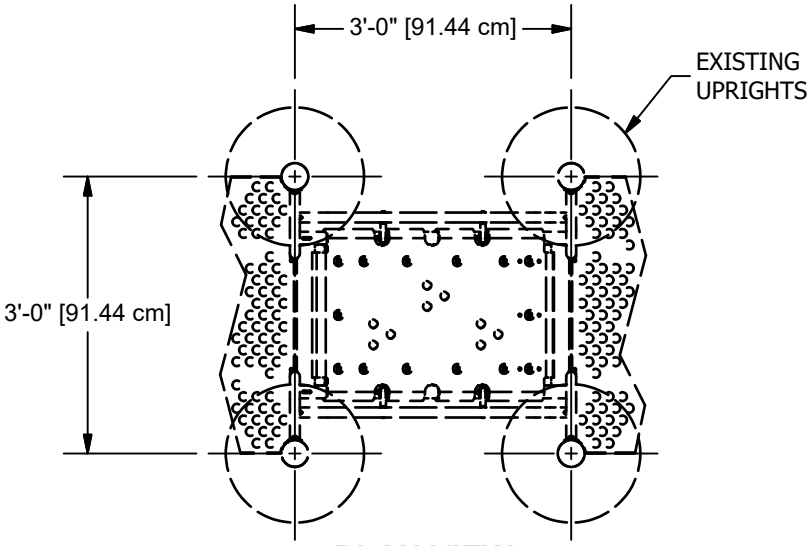
TOP VIEW
19885



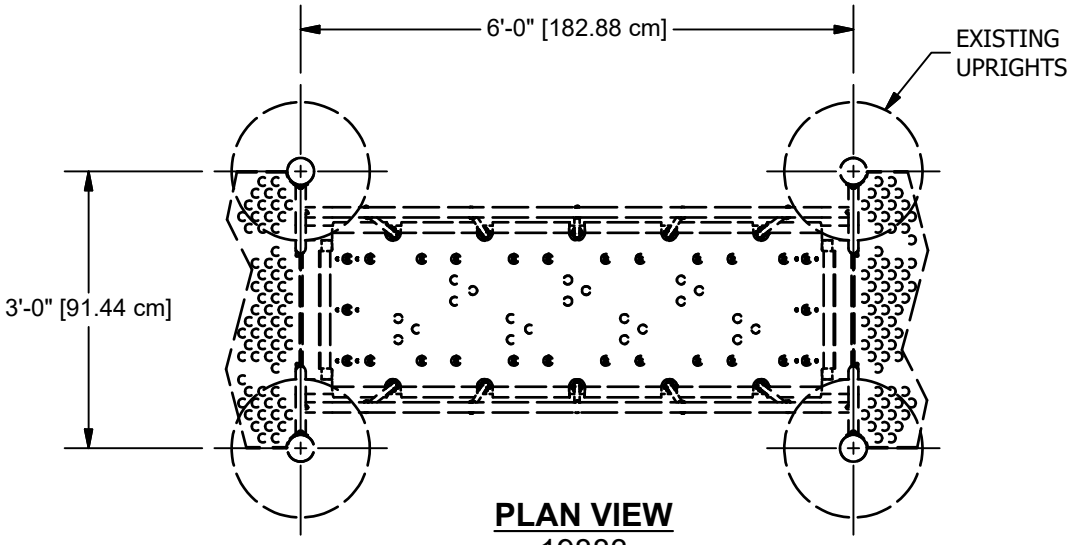
TOP VIEW
19886



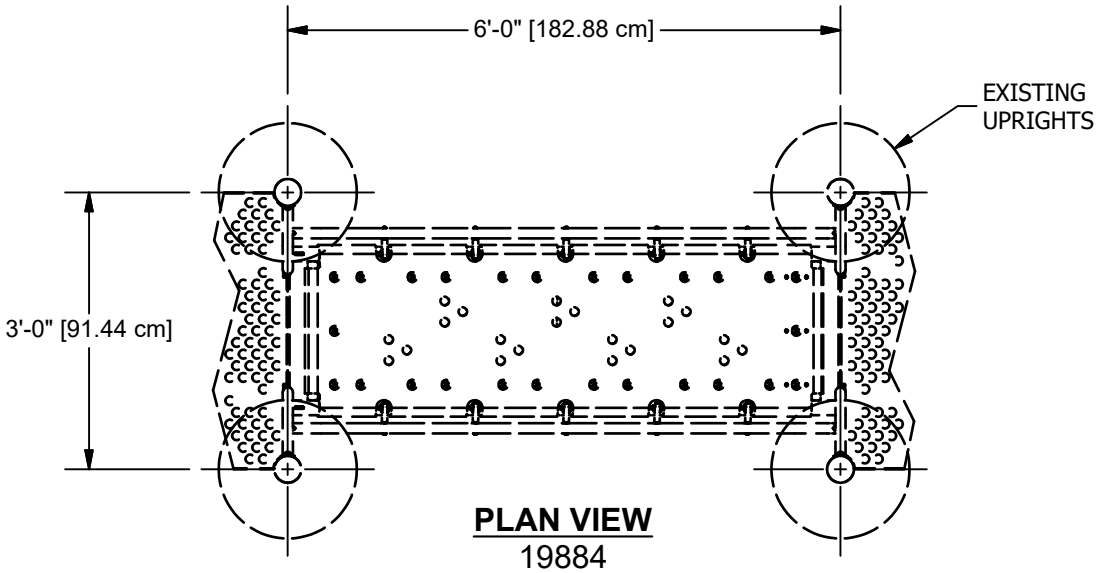
PLAN VIEW
19881



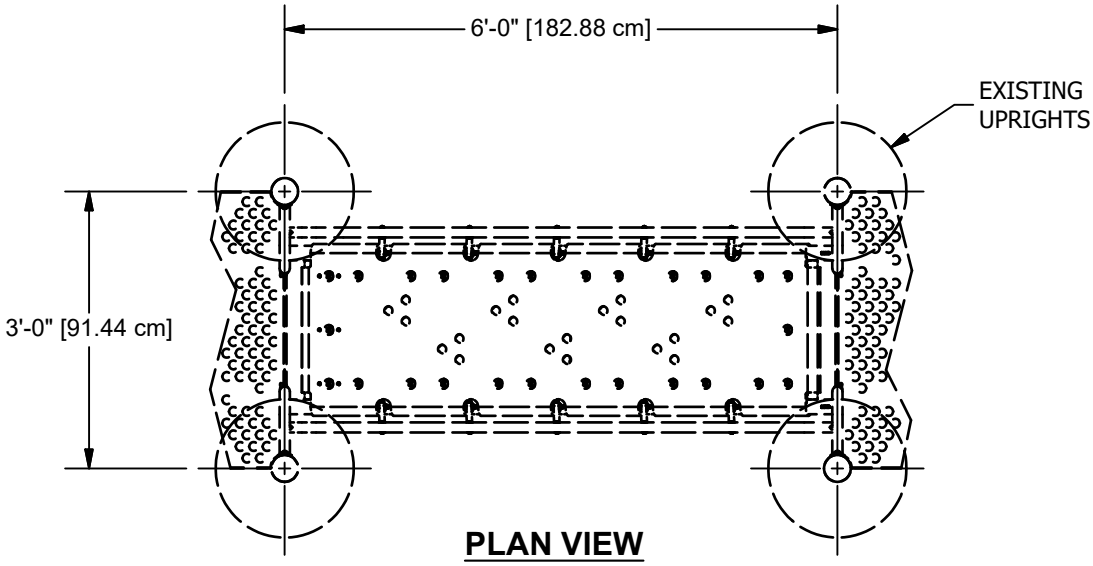
PLAN VIEW
19882



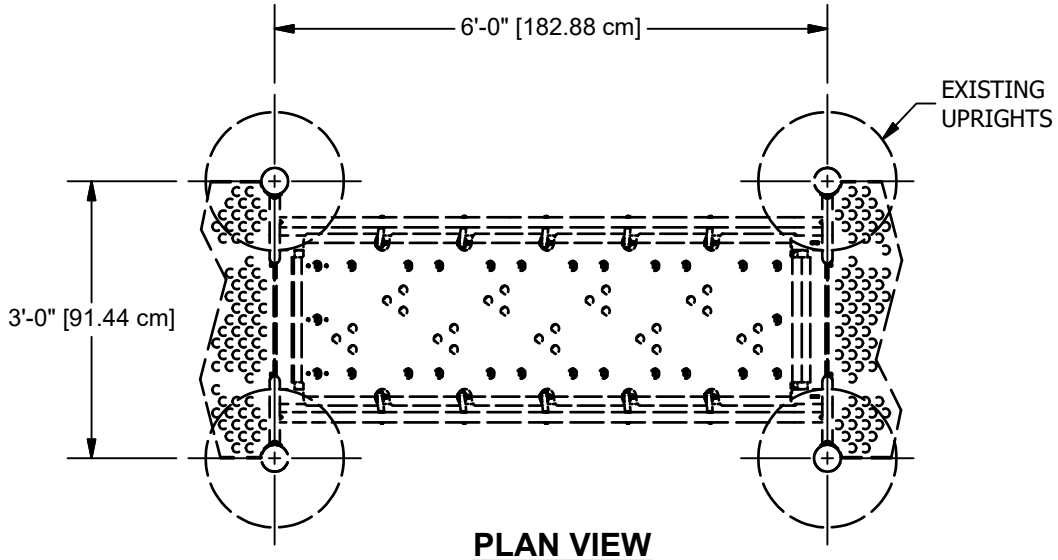
PLAN VIEW
19883



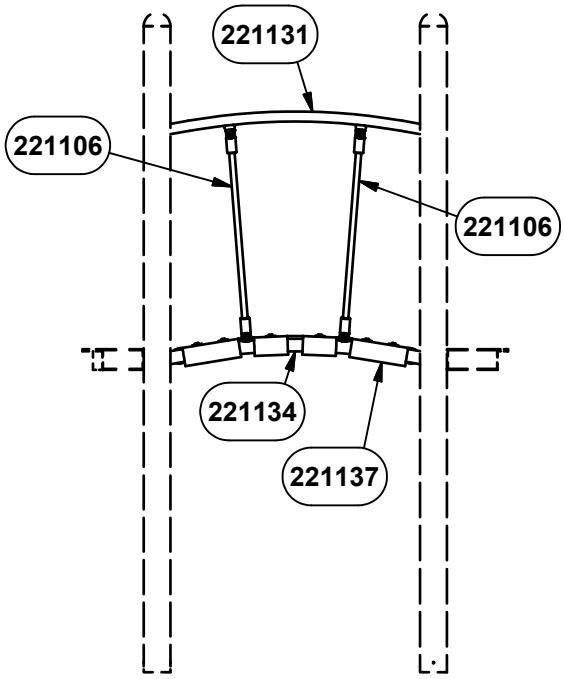
PLAN VIEW
19884



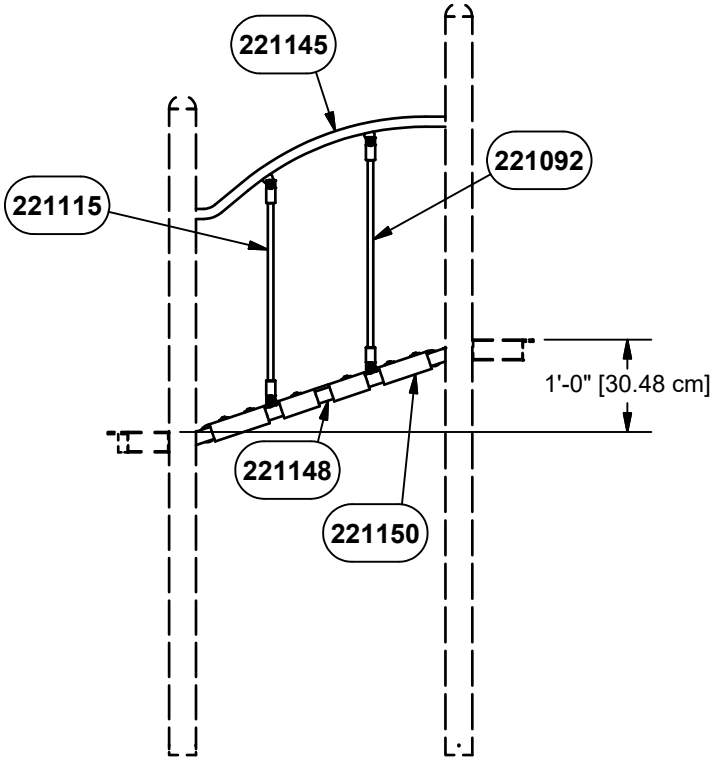
PLAN VIEW
19885



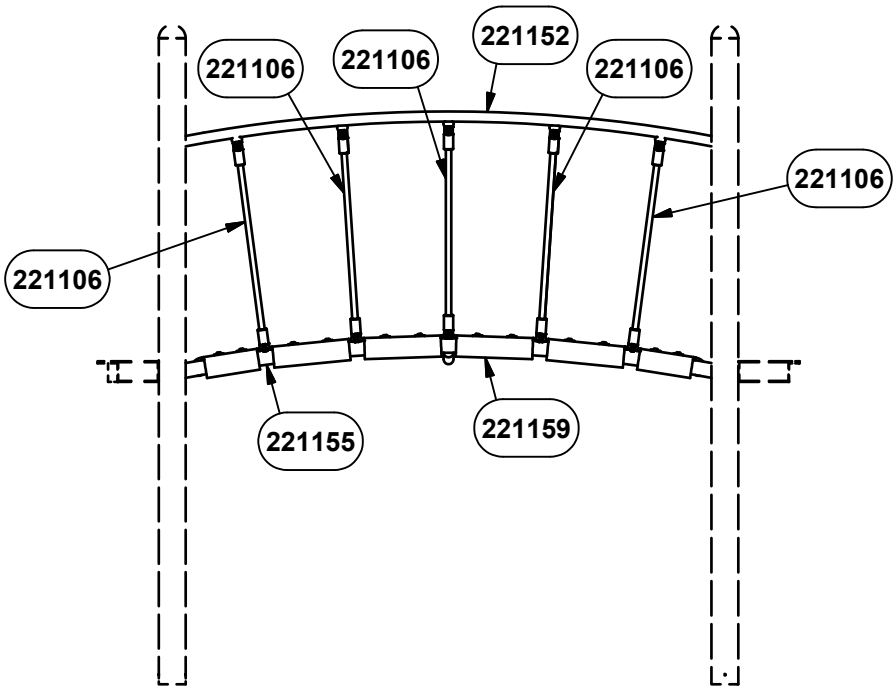
PLAN VIEW
19886



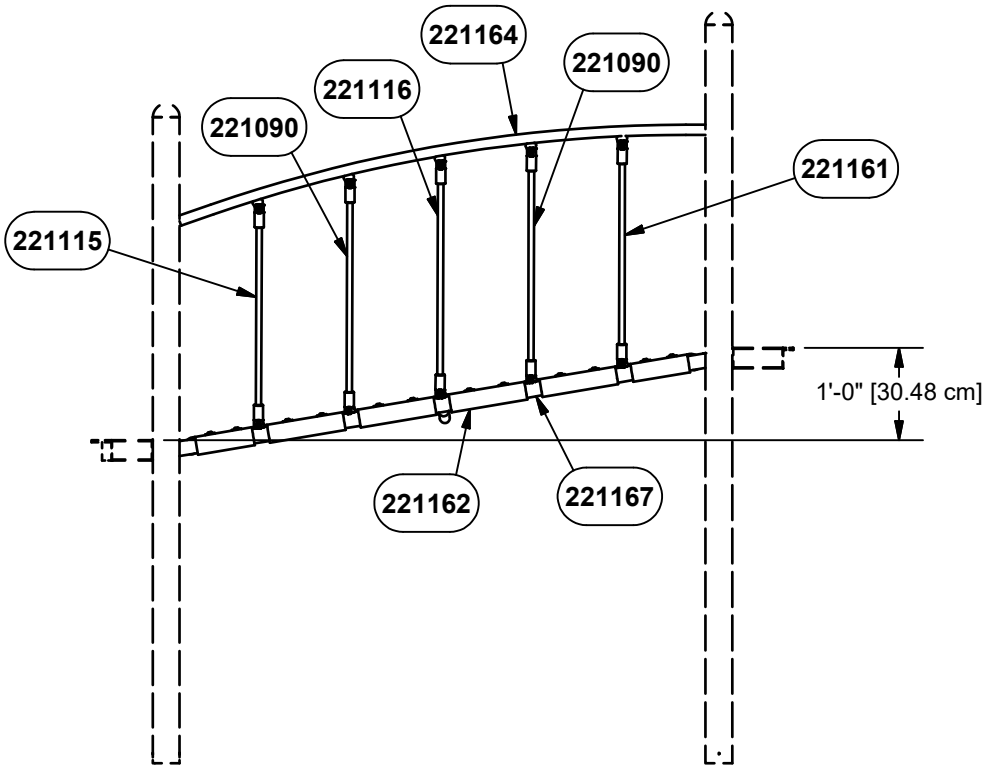
ELEVATION VIEW
19881



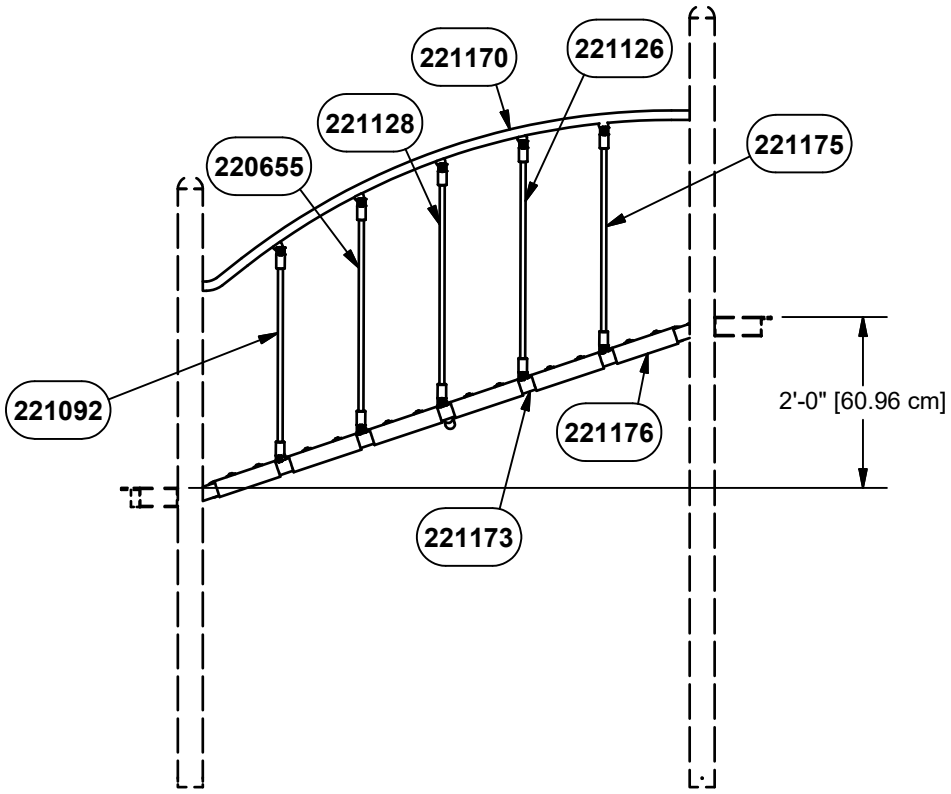
ELEVATION VIEW
19882



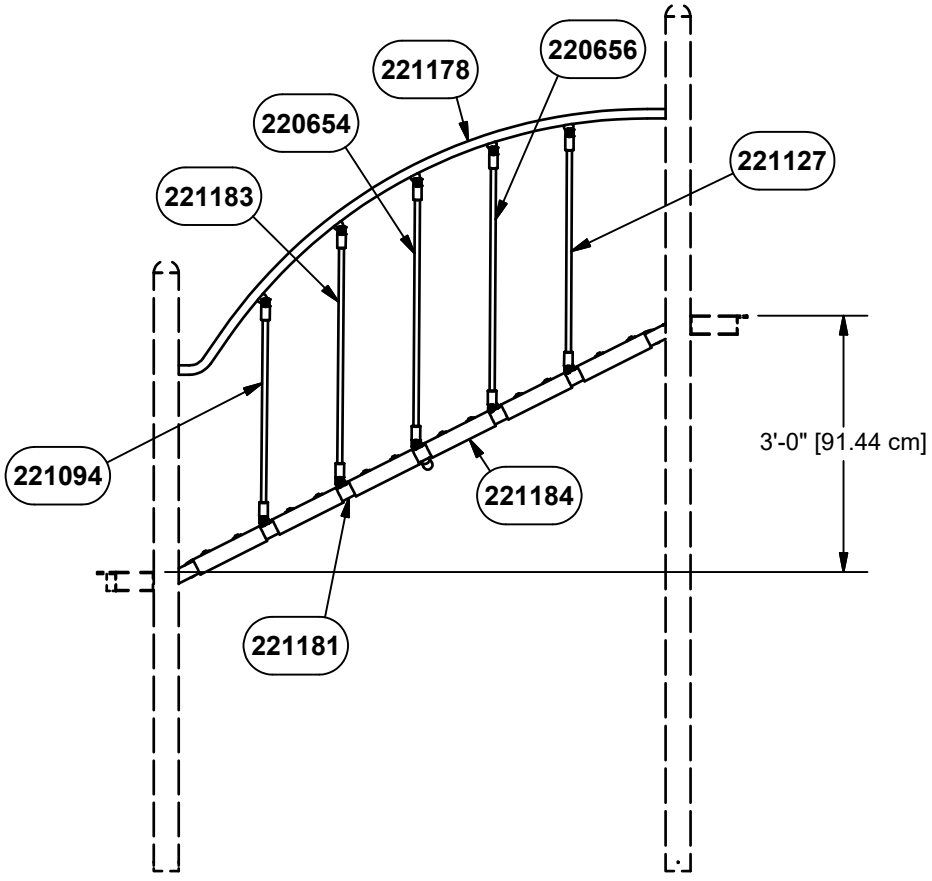
ELEVATION VIEW
19883



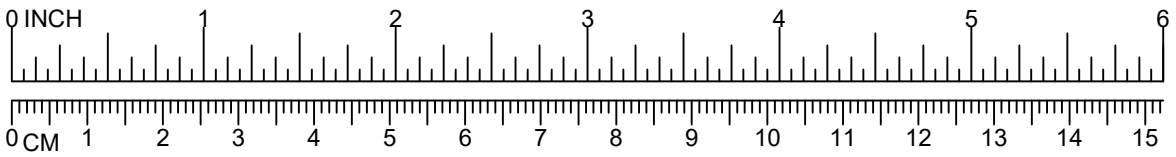
ELEVATION VIEW
19884

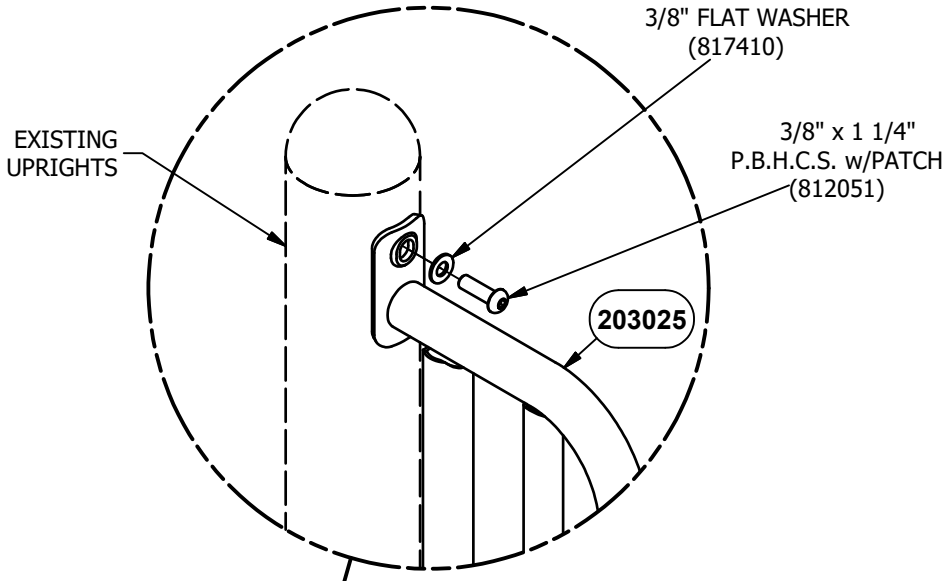


ELEVATION VIEW
19885

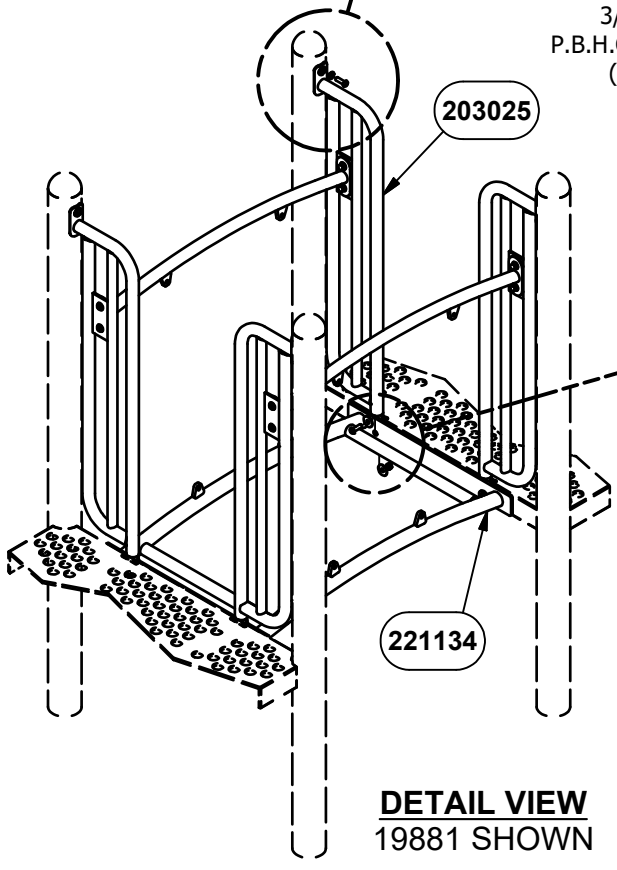


ELEVATION VIEW
19886

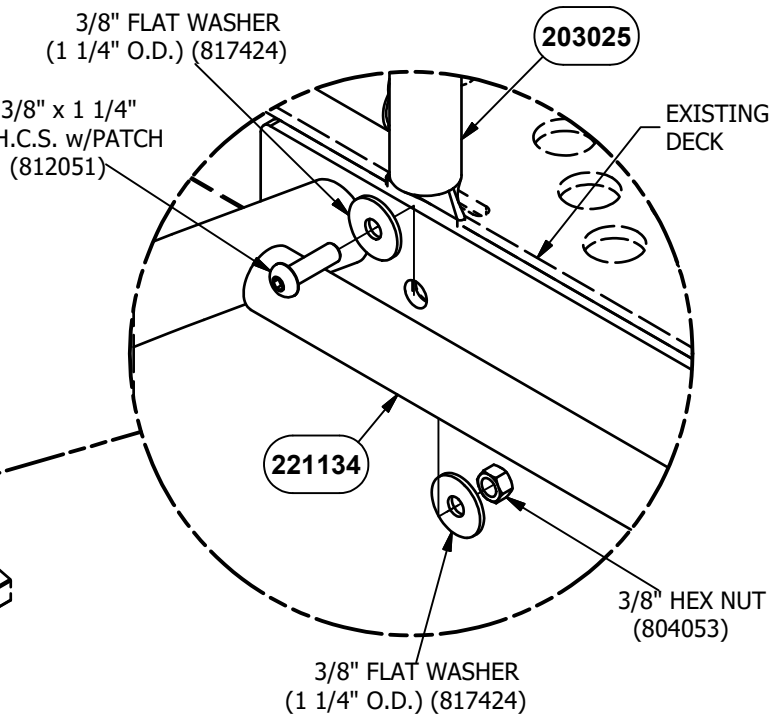




STEP 1
4 PLACES

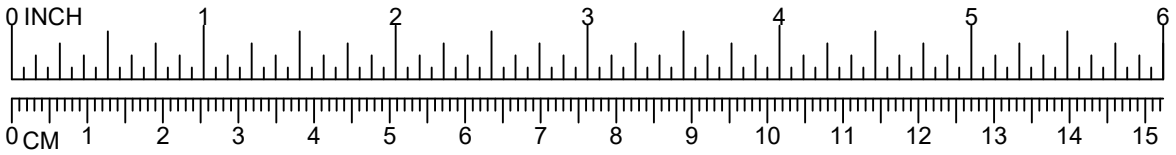


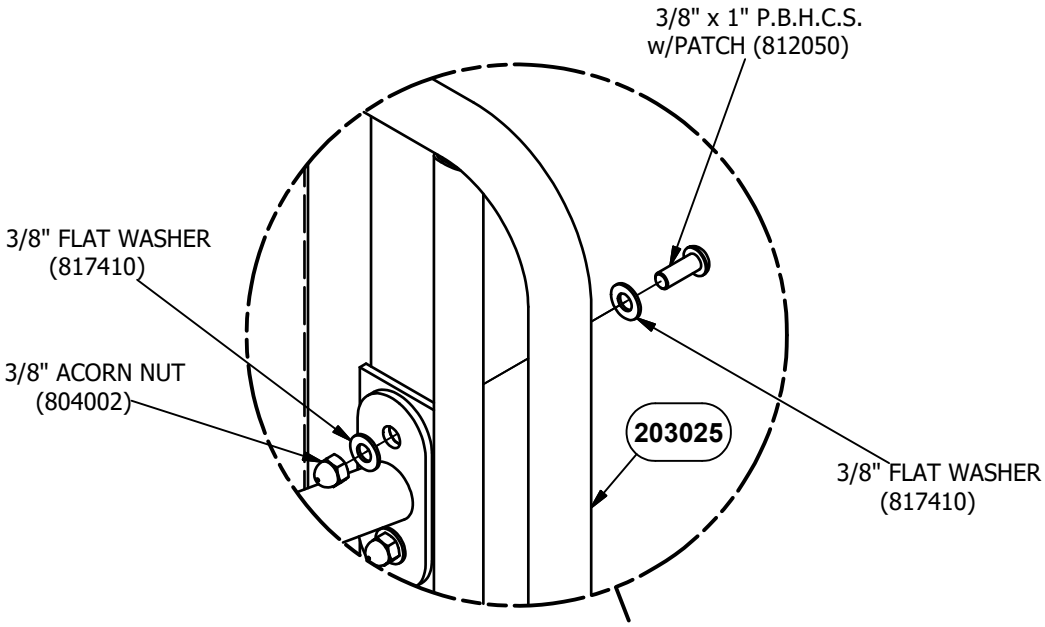
DETAIL VIEW
19881 SHOWN



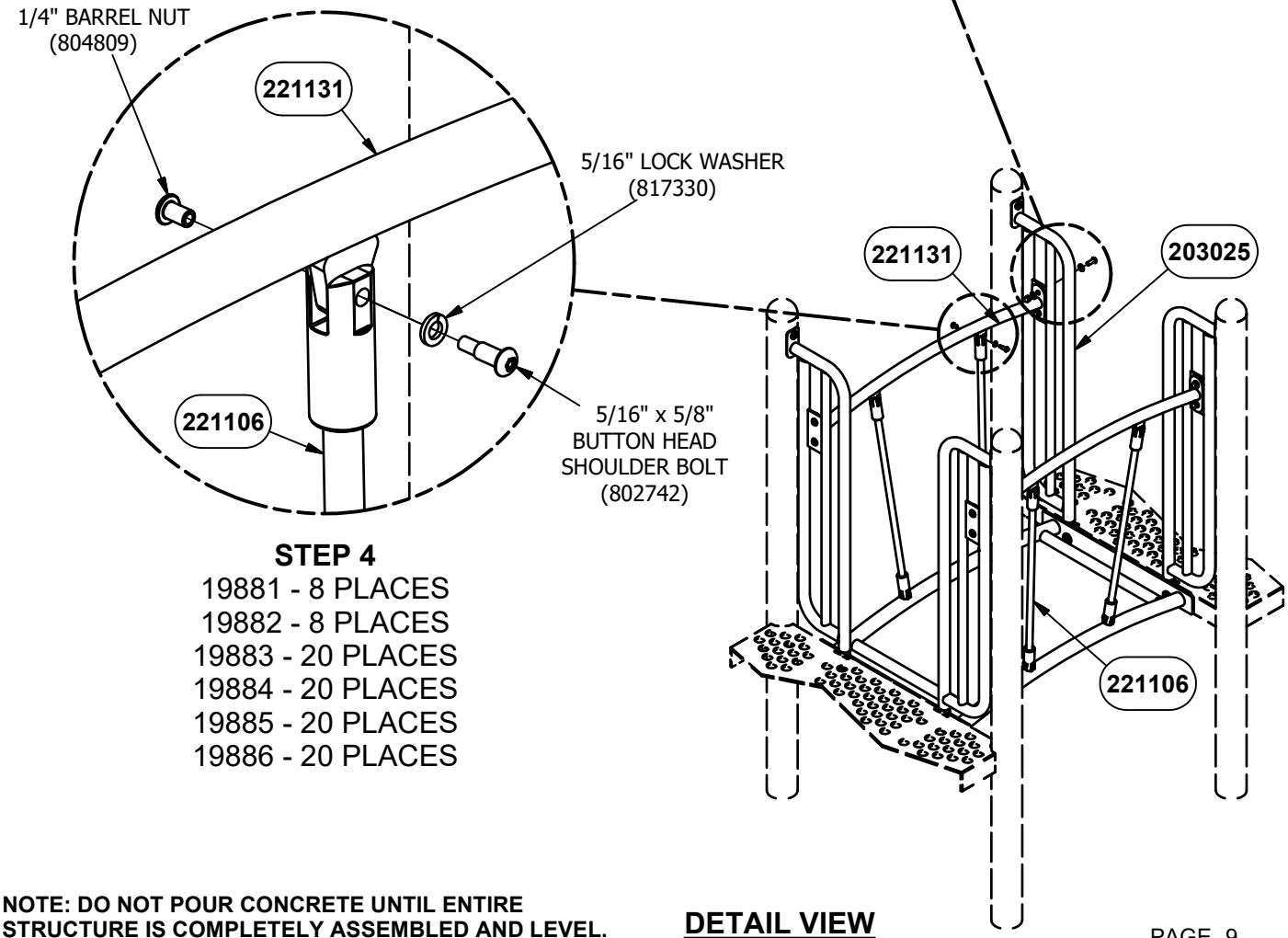
STEP 2
4 PLACES

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





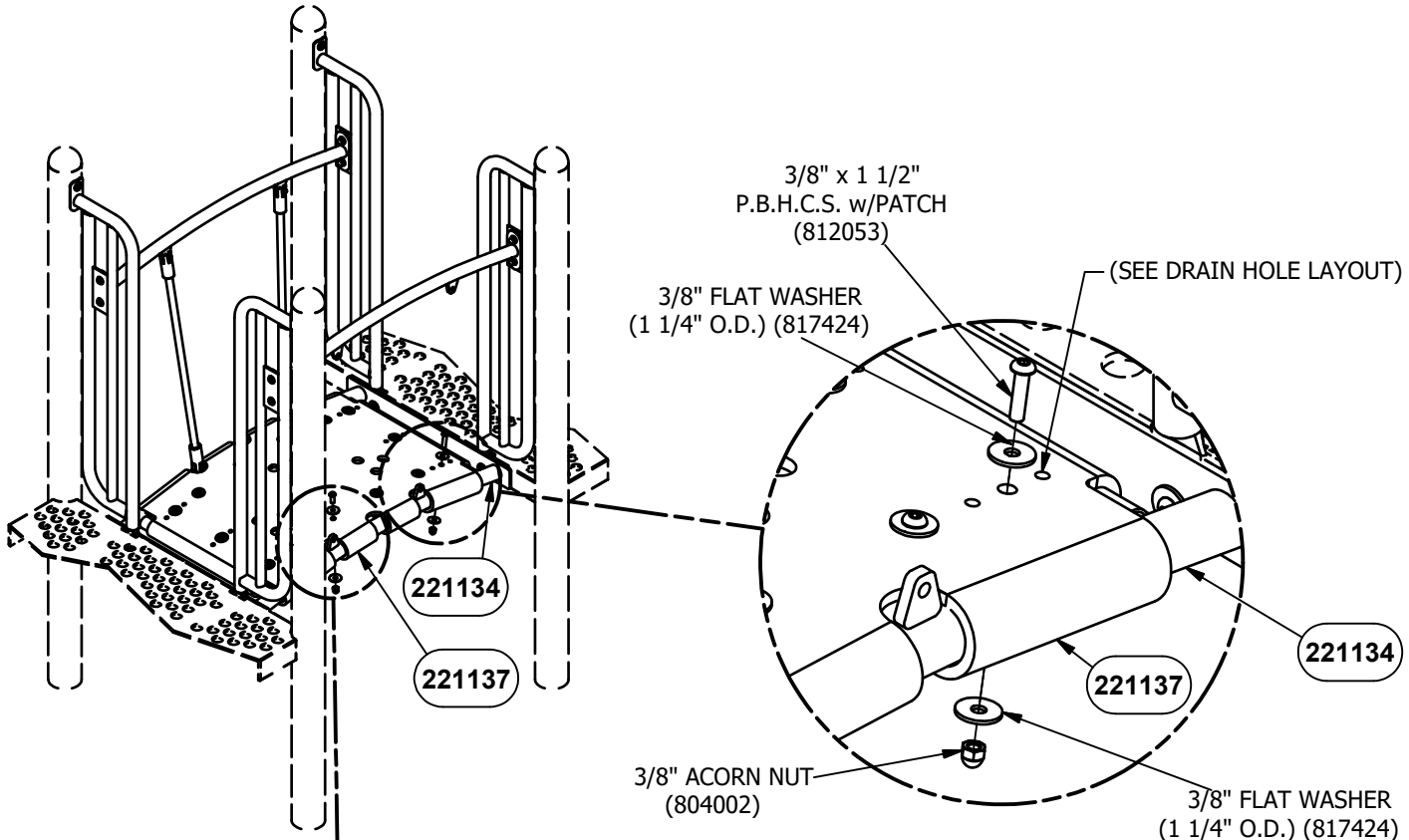
STEP 3
8 PLACES



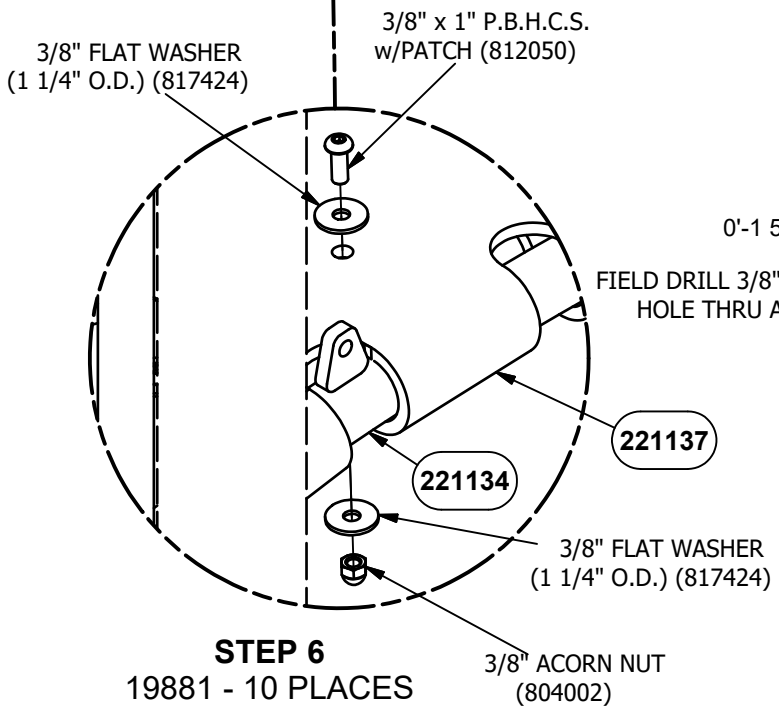
STEP 4
19881 - 8 PLACES
19882 - 8 PLACES
19883 - 20 PLACES
19884 - 20 PLACES
19885 - 20 PLACES
19886 - 20 PLACES

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

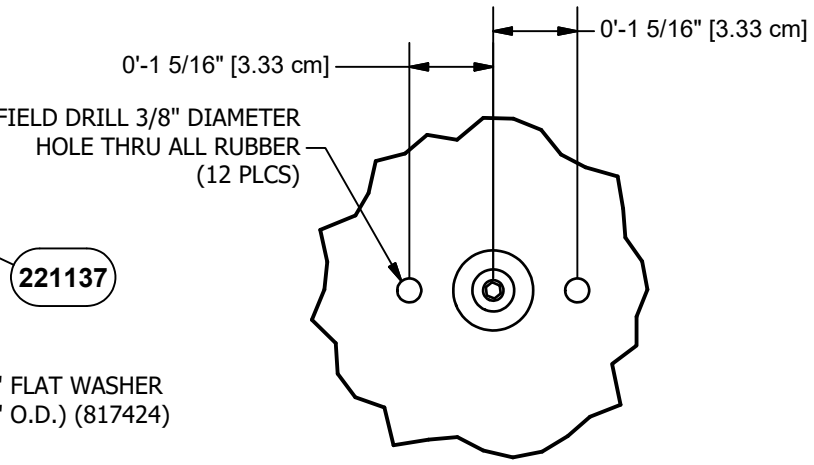
DETAIL VIEW
19881 SHOWN



STEP 5
4 PLACES



STEP 6
19881 - 10 PLACES
19882 - 10 PLACES
19883 - 22 PLACES
19884 - 22 PLACES
19885 - 22 PLACES
19886 - 22 PLACES



DRAIN HOLE LAYOUT
6 PLACES

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

DETAIL VIEW
19881 SHOWN

Parts List							
DESCRIPTION	19881	19882	19883	19884	19885	19886	PART NUMBER
TOP RAIL WELD ASSEMBLY	2	0	0	0	0	0	221131
TOP RAIL WELD ASSEMBLY	0	2	0	0	0	0	221145
TOP RAIL WELD ASSEMBLY	0	0	2	0	0	0	221152
TOP RAIL WELD ASSEMBLY	0	0	0	2	0	0	221164
TOP RAIL WELD ASSEMBLY	0	0	0	0	2	0	221170
TOP RAIL WELD ASSEMBLY	0	0	0	0	0	2	221178
BOTTOM SUPPORT WELD ASSEMBLY	1	0	0	0	0	0	221134
BOTTOM SUPPORT WELD ASSEMBLY	0	1	0	0	0	0	221148
BOTTOM SUPPORT WELD ASSEMBLY	0	0	1	0	0	0	221155
BOTTOM SUPPORT WELD ASSEMBLY	0	0	0	1	0	0	221167
BOTTOM SUPPORT WELD ASSEMBLY	0	0	0	0	1	0	221173
BOTTOM SUPPORT WELD ASSEMBLY	0	0	0	0	0	1	221181
D-RING w/ PLATE	4	4	4	4	4	4	203025
RUBBER MAT	1	0	0	0	0	0	221137
RUBBER MAT	0	1	0	0	0	0	221150
RUBBER BELT	0	0	1	0	0	0	221159
RUBBER MAT	0	0	0	1	0	0	221162
RUBBER MAT	0	0	0	0	1	0	221176
RUBBER MAT	0	0	0	0	0	1	221184
CABLE ASSEMBLY	4	0	10	0	0	0	221106
CABLE ASSEMBLY	0	0	0	2	0	0	221116
CABLE ASSEMBLY	0	0	0	2	0	0	221161
CABLE ASSEMBLY	0	2	0	2	0	0	221115
CABLE ASSEMBLY	0	0	0	0	2	0	221126
CABLE ASSEMBLY	0	0	0	0	0	2	221127
CABLE ASSEMBLY	0	0	0	0	2	0	221128
CABLE ASSEMBLY	0	0	0	0	0	2	221183
CABLE ASSEMBLY	0	0	0	0	2	0	221175
CABLE ASSEMBLY 1	0	0	0	4	0	0	221090
CABLE ASSEMBLY 2	0	2	0	0	2	0	221092
CABLE ASSEMBLY 3	0	0	0	0	0	2	221094
CABLE 3 ASSEMBLY	0	0	0	0	0	2	220654
CABLE 4 ASSEMBLY	0	0	0	0	2	0	220655
CABLE 5 ASSEMBLY	0	0	0	0	0	2	220656

CONTINUES TO NEXT PAGE

Parts List							
DESCRIPTION	19881	19882	19883	19884	19885	19886	PART NUMBER
HARDWARE COMPLETE	1	1	0	0	0	0	221138
HARDWARE COMPLETE	0	0	1	1	1	1	221160
1/4" BARREL NUT	8	8	20	20	20	20	804809*
5/16" x 5/8" BUTTON HEAD SHOULDER BOLT	8	8	20	20	20	20	802742*
5/16" LOCK WASHER	8	8	20	20	20	20	817330*
3/8" x 1" P.B.H.C.S. w/PATCH	18	18	30	30	30	30	812050*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	8	8	8	8	8	8	812051*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	4	4	4	4	4	4	812053*
3/8" FLAT WASHER	20	20	20	20	20	20	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	36	36	60	60	60	60	817424*
3/8" ACORN NUT	22	22	34	34	34	34	804002*
3/8" HEX NUT	4	4	4	4	4	4	804053*

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

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

Note: 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.

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ISSUED/REVISED: 11/29/2023

19916
MODERN
TRANSFER PLATFORM
w/ GUARDRAIL

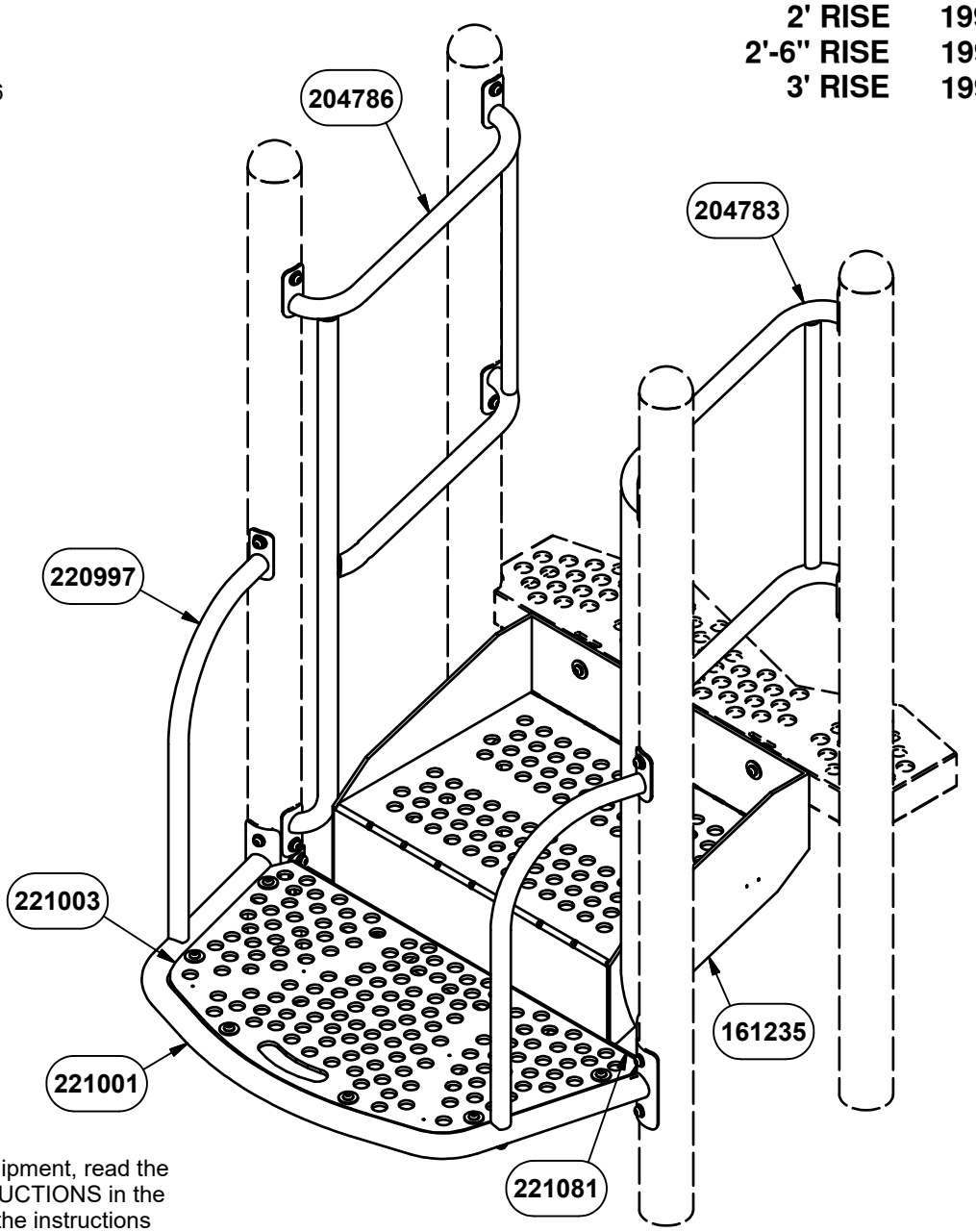
1' RISE	19916
2' RISE	19917
2'-6" RISE	19918
3' RISE	19919



19916



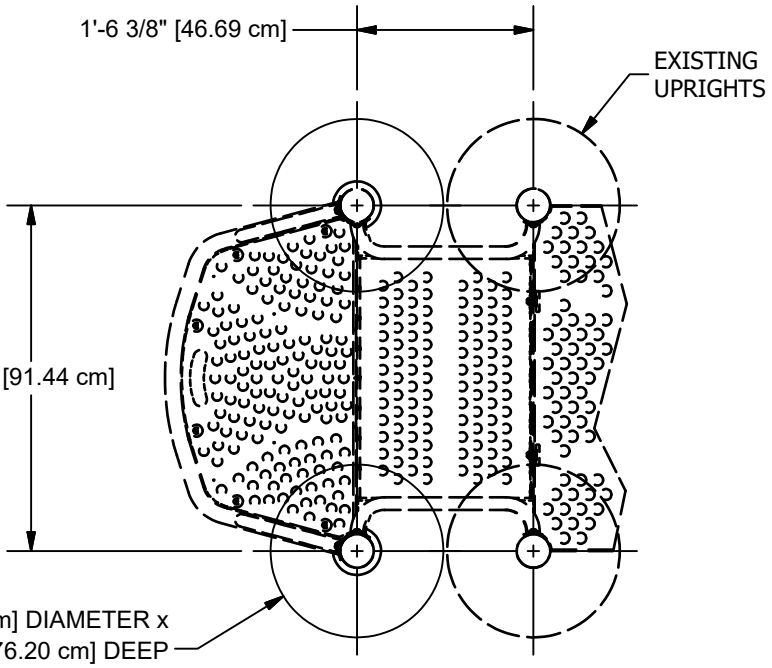
19916
19917
19918
19919



ASSEMBLY VIEW
19916 SHOWN

INSTALLATION INSTRUCTIONS

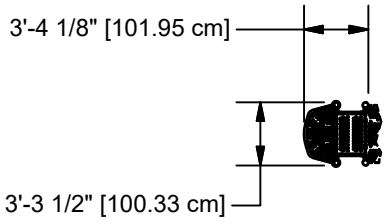
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE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



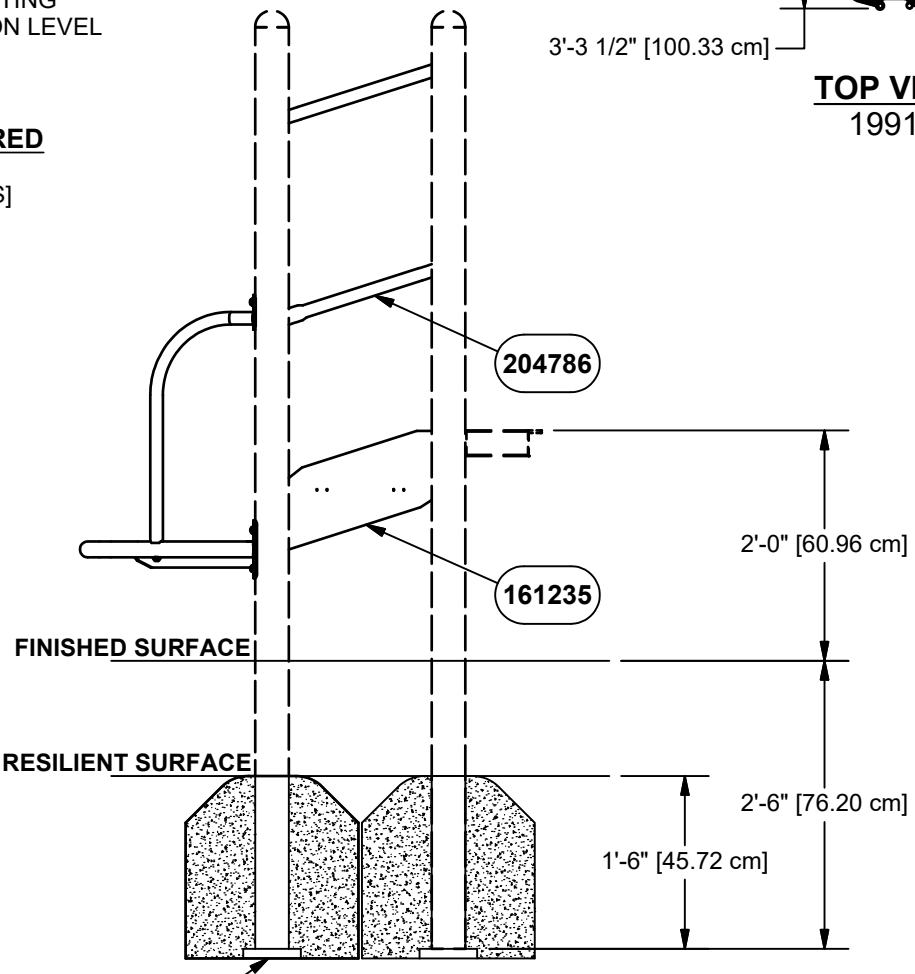
PLAN VIEW
19916

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.

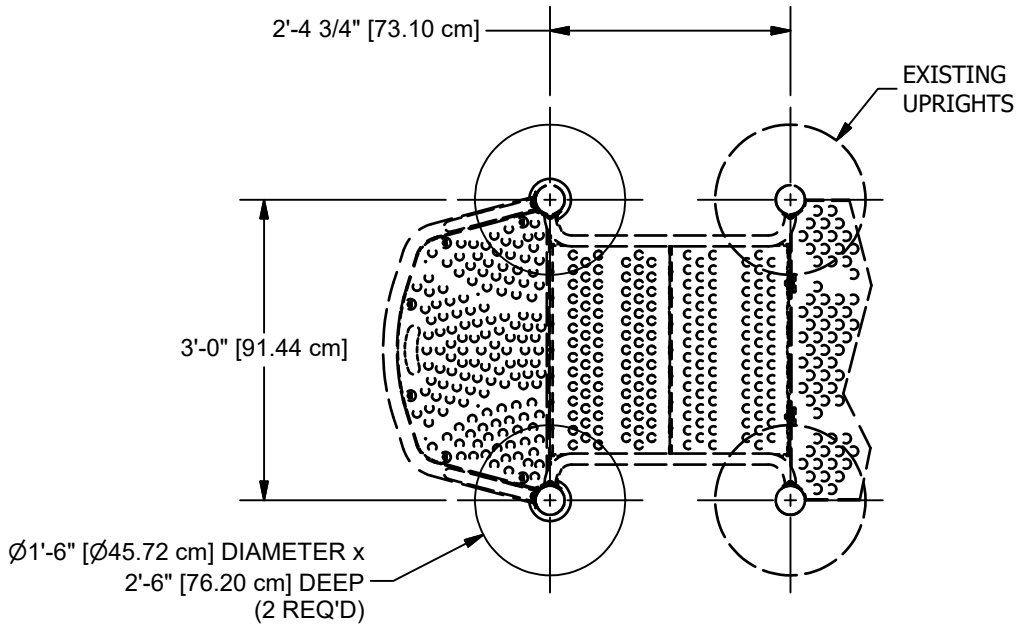
CONCRETE REQUIRED
.21 CUBIC YARDS
[.16 CUBIC METERS]



TOP VIEW
19916



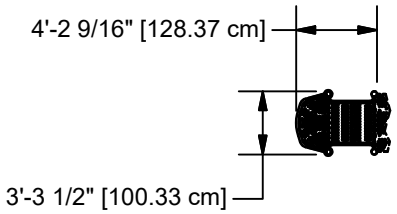
ELEVATION VIEW
19916



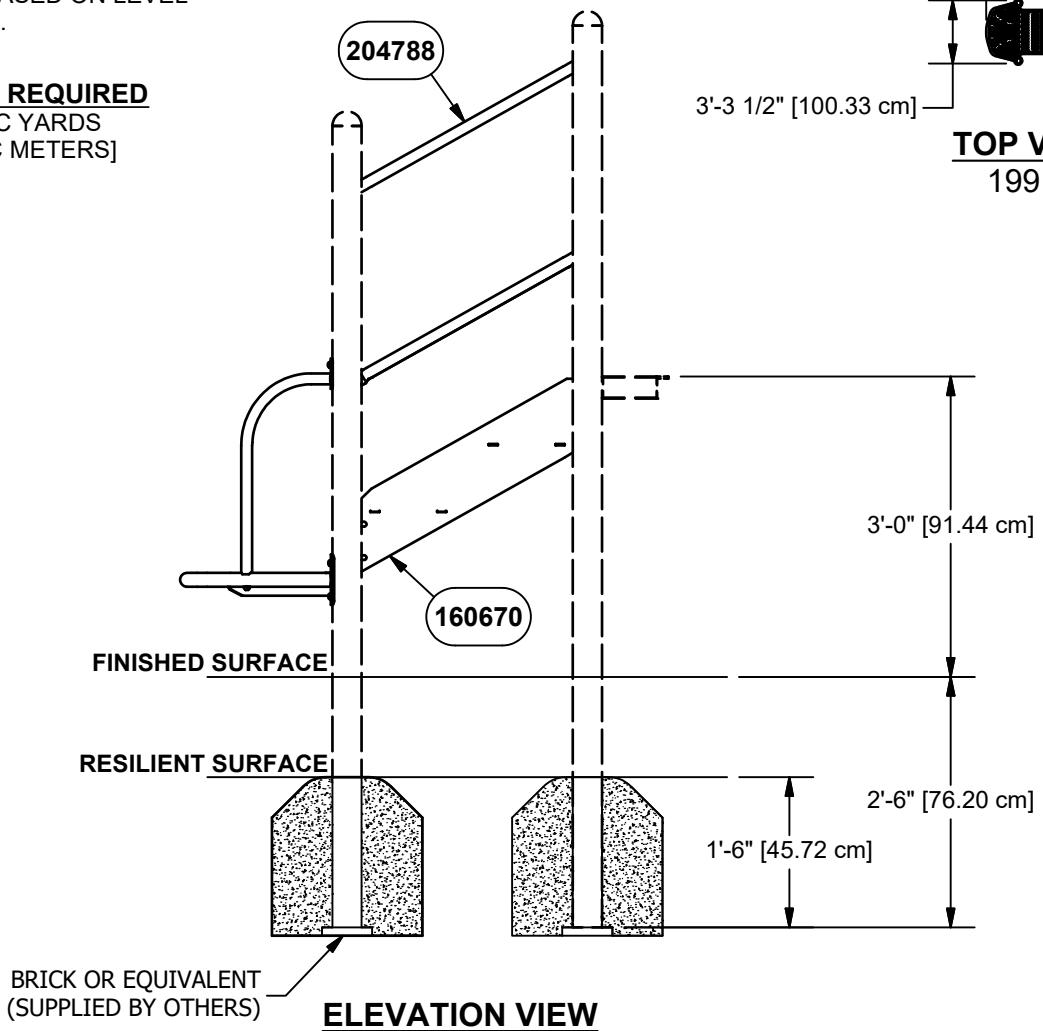
PLAN VIEW
19917

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.

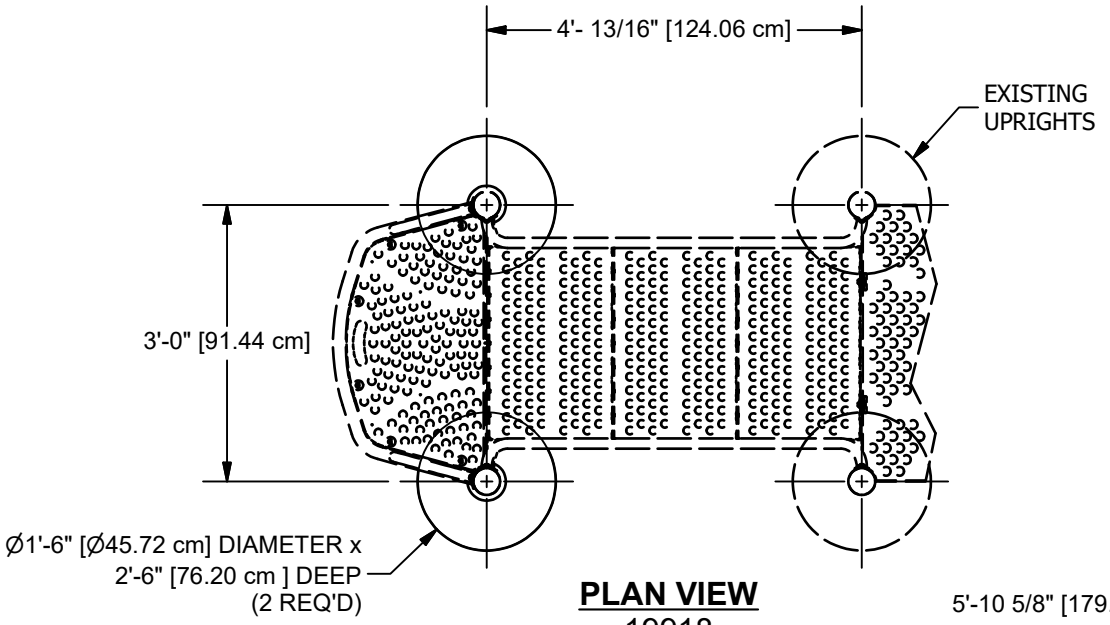
CONCRETE REQUIRED
.21 CUBIC YARDS
[.16 CUBIC METERS]



TOP VIEW
19917

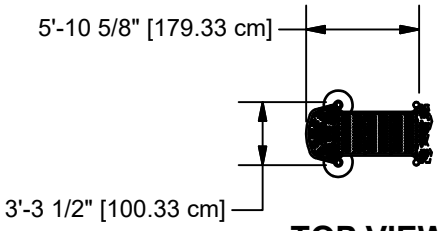


ELEVATION VIEW
19917



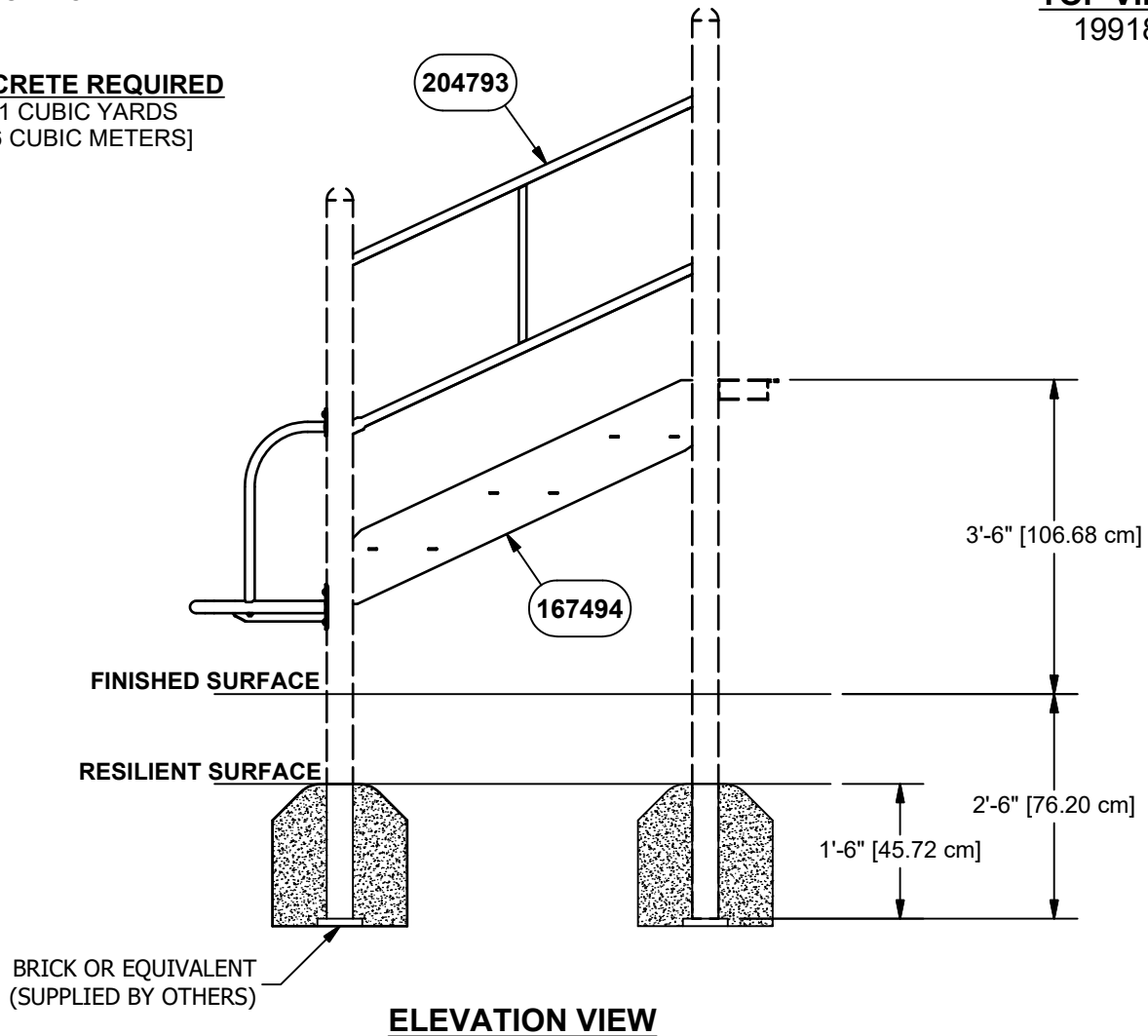
PLAN VIEW
19918

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.

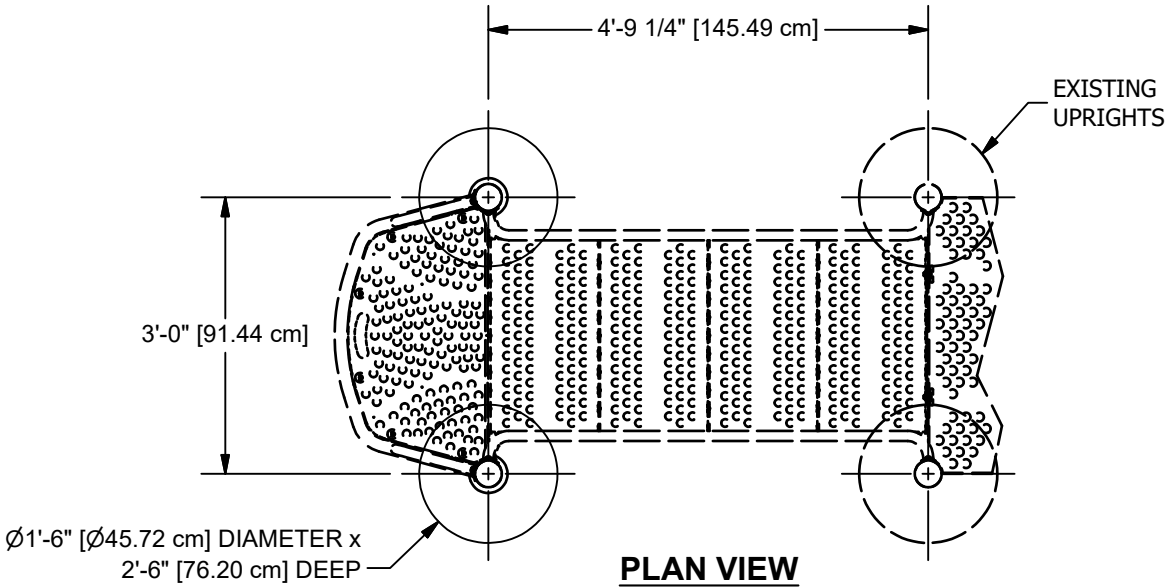


TOP VIEW
19918

CONCRETE REQUIRED
.21 CUBIC YARDS
[.16 CUBIC METERS]

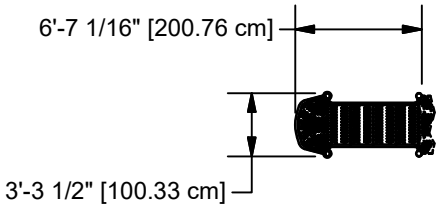


ELEVATION VIEW
19918



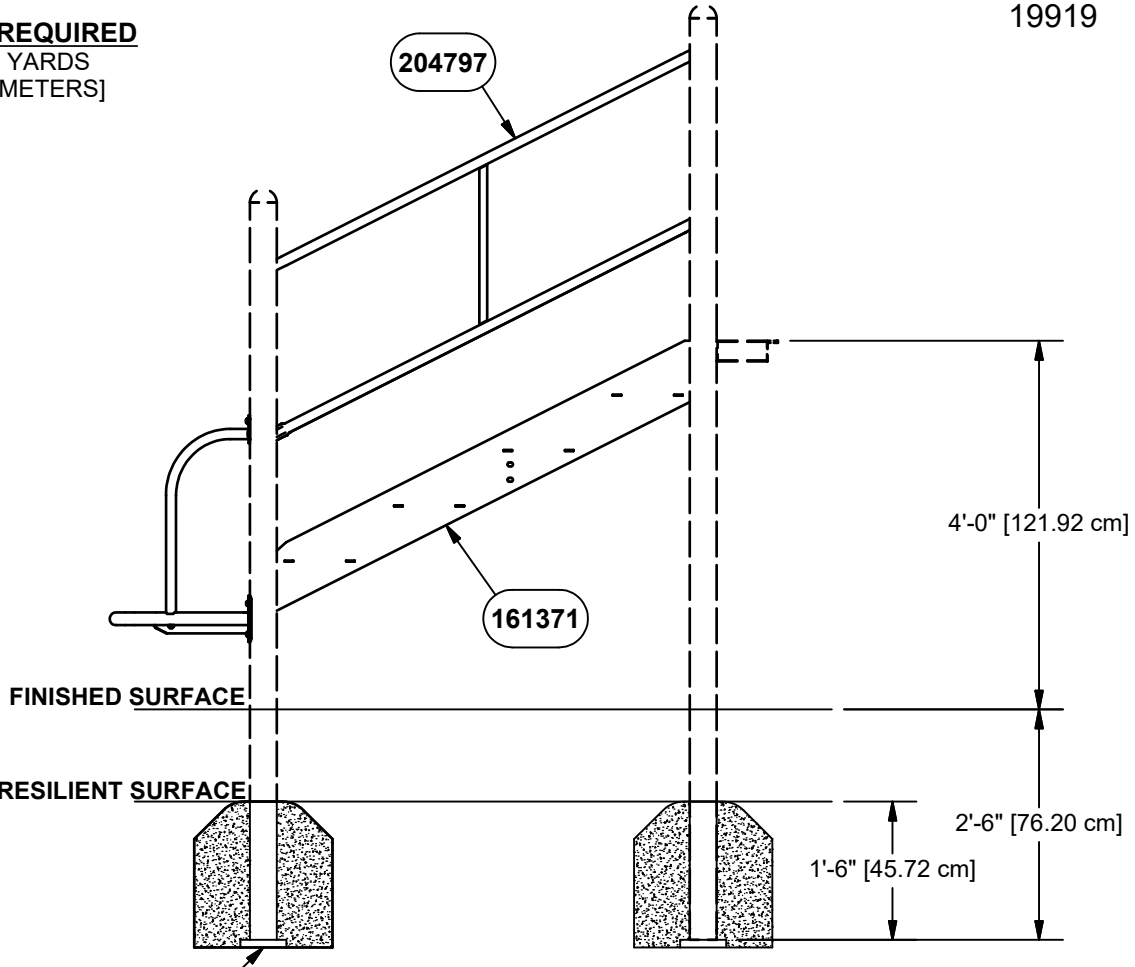
PLAN VIEW
19919

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.

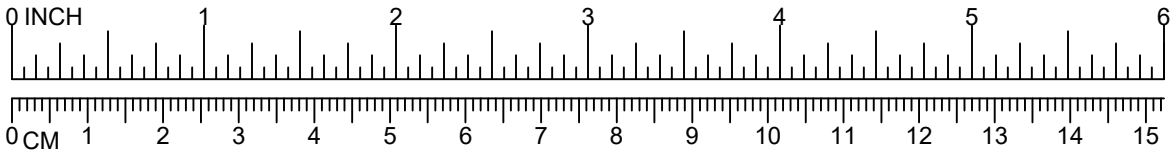


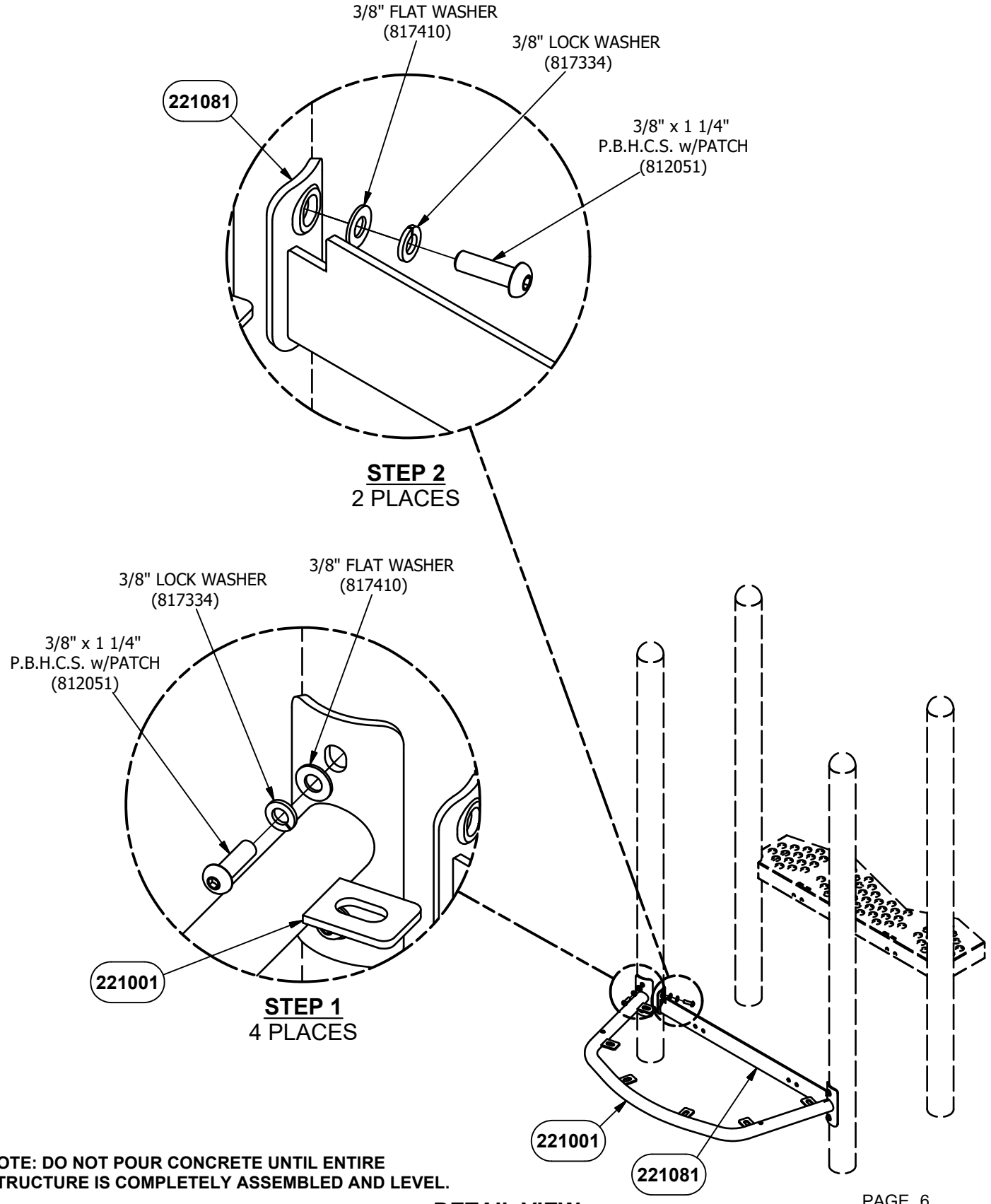
TOP VIEW
19919

CONCRETE REQUIRED
.21 CUBIC YARDS
[.16 CUBIC METERS]



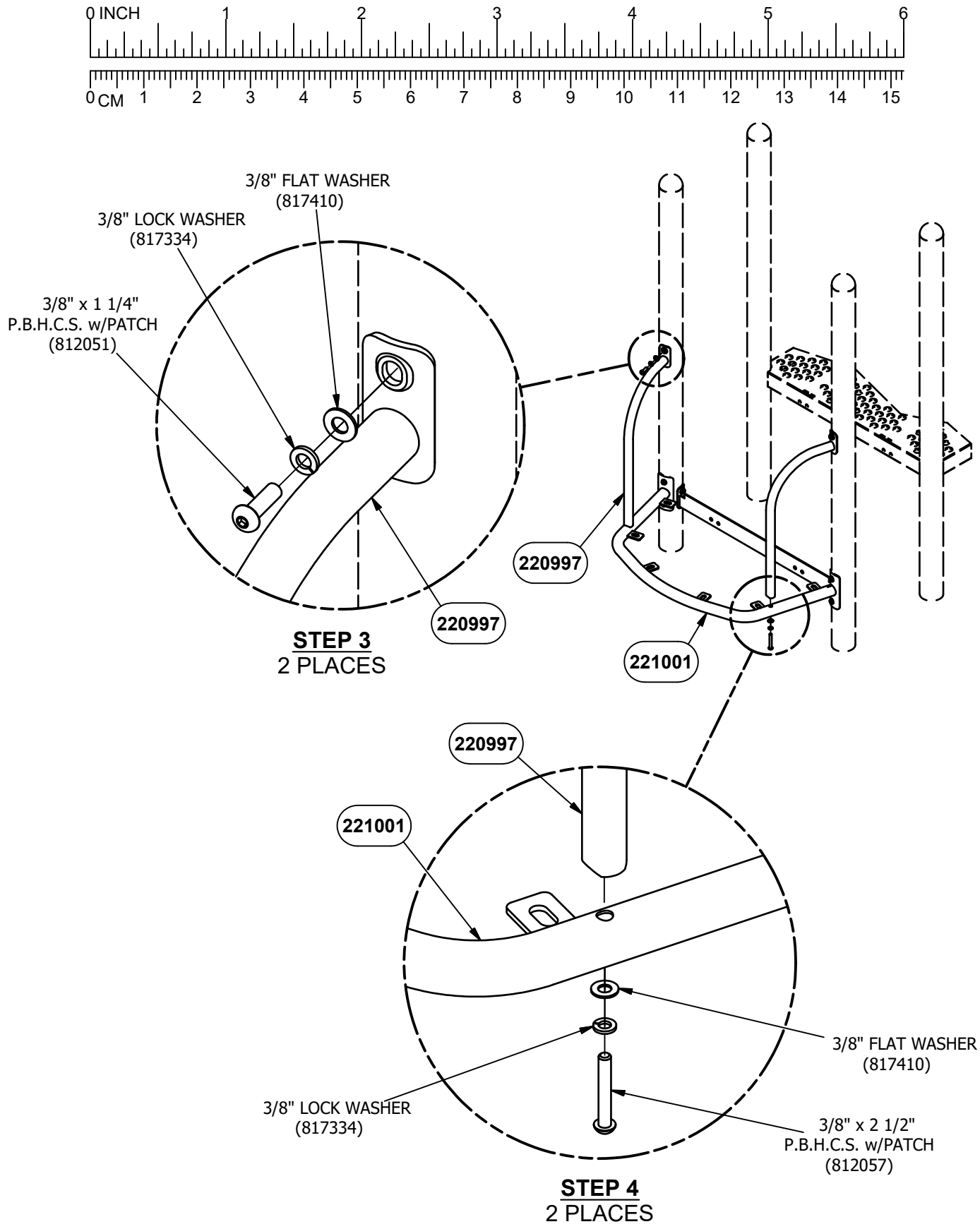
ELEVATION VIEW
19919





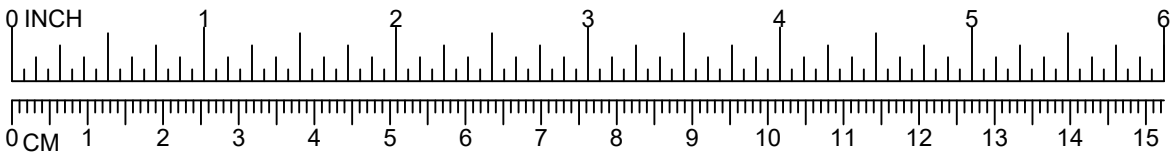
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

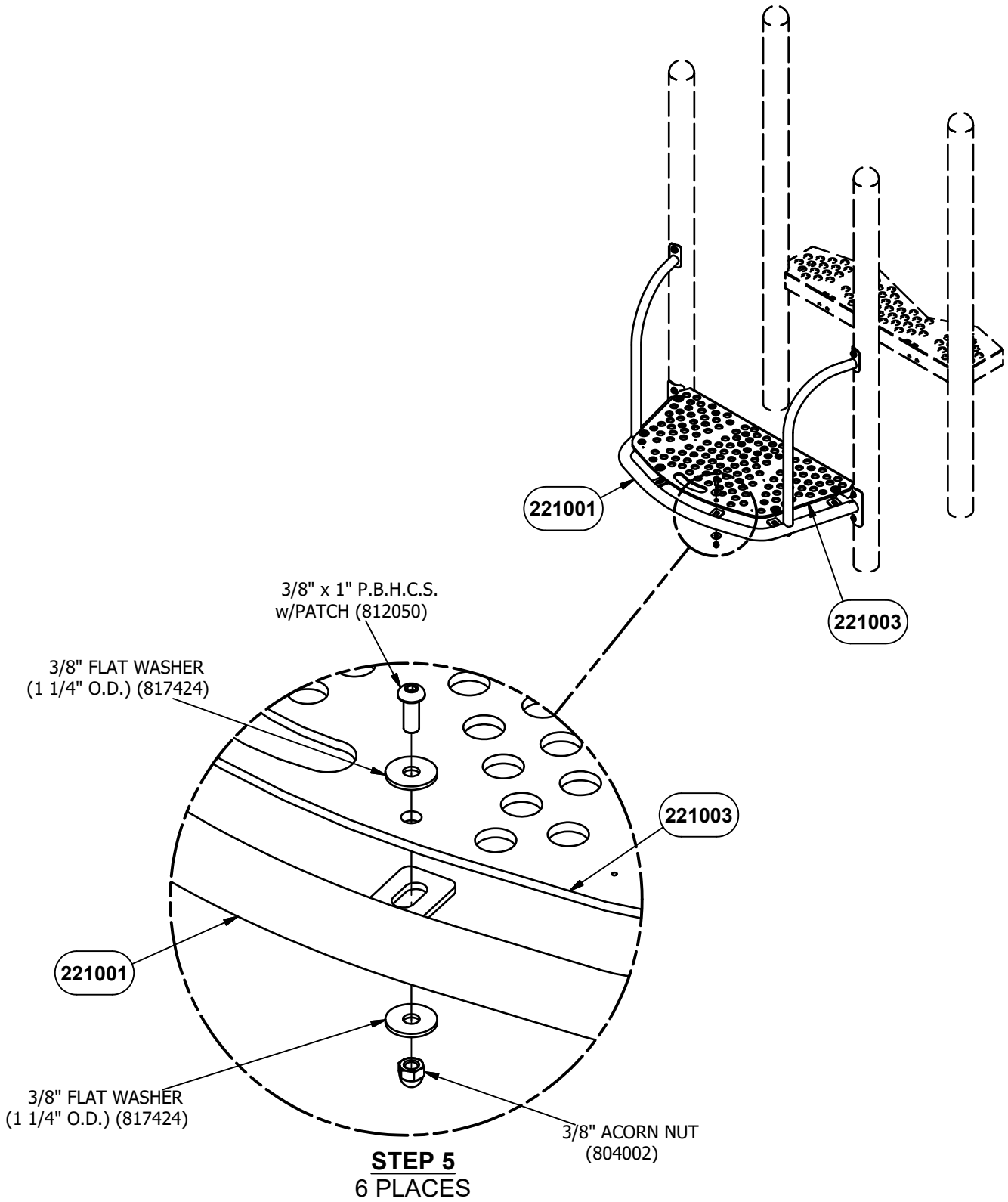
DETAIL VIEW



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

DETAIL VIEW

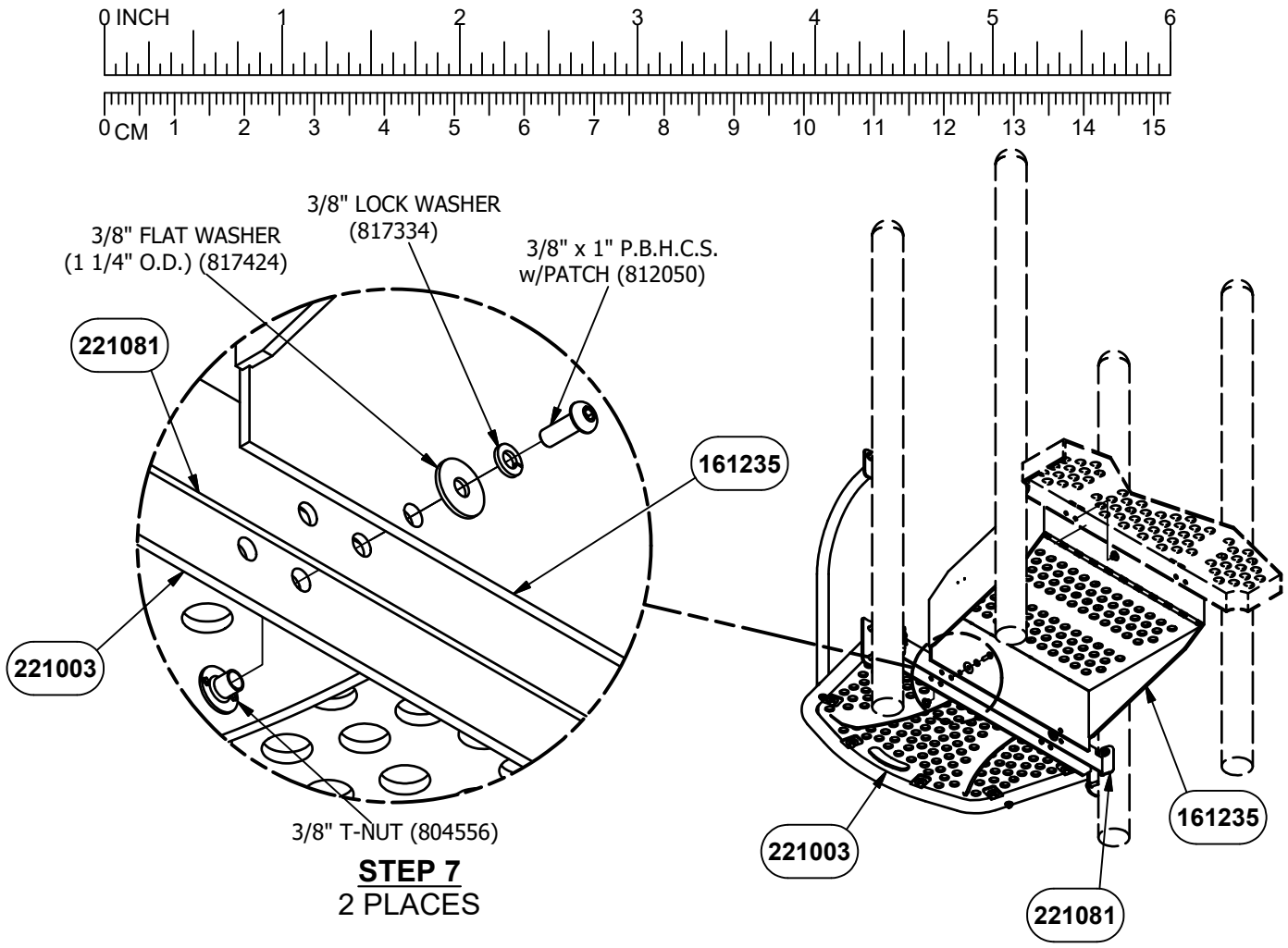




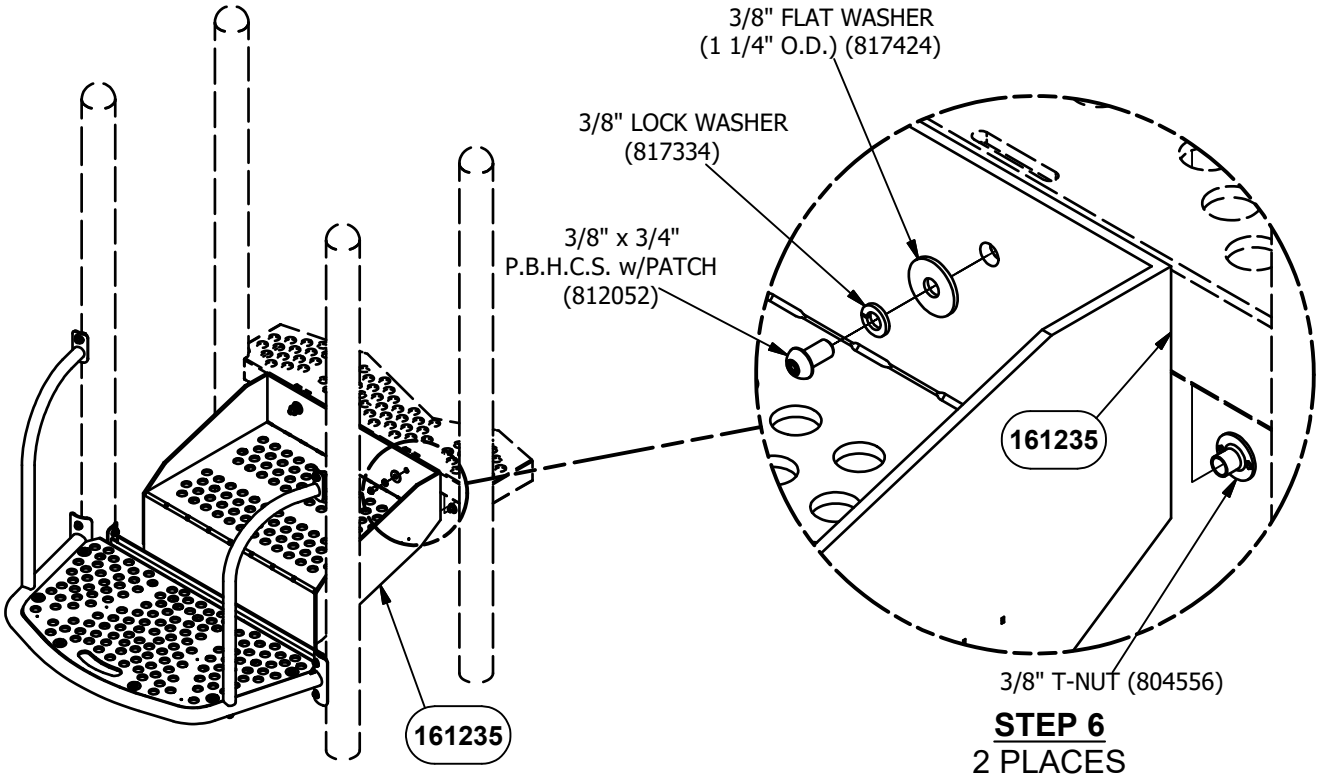
STEP 5
6 PLACES

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

DETAIL VIEW



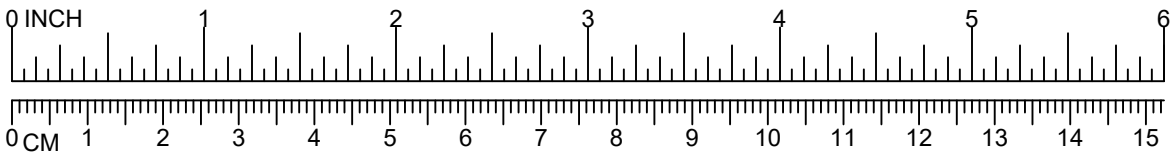
STEP 7
2 PLACES

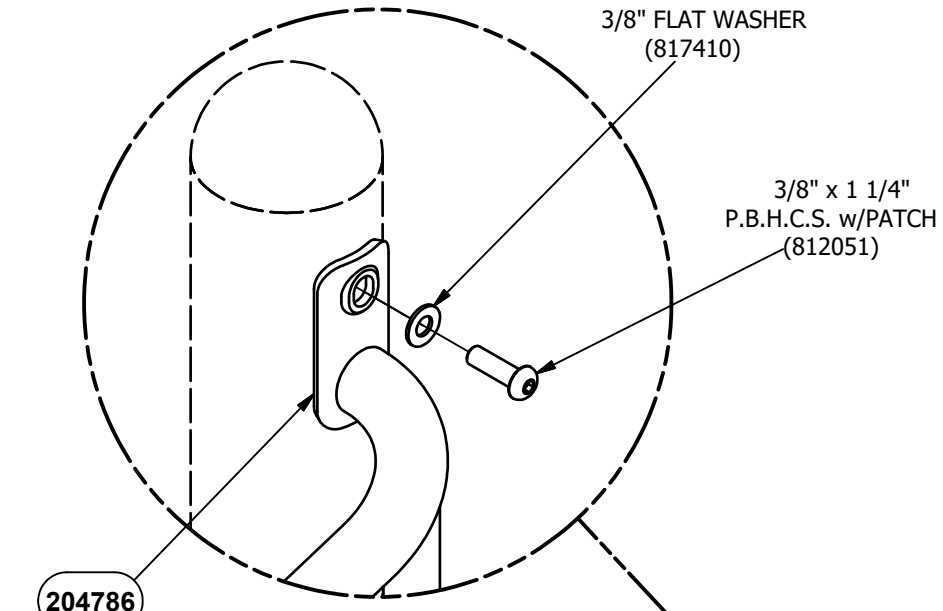


STEP 6
2 PLACES

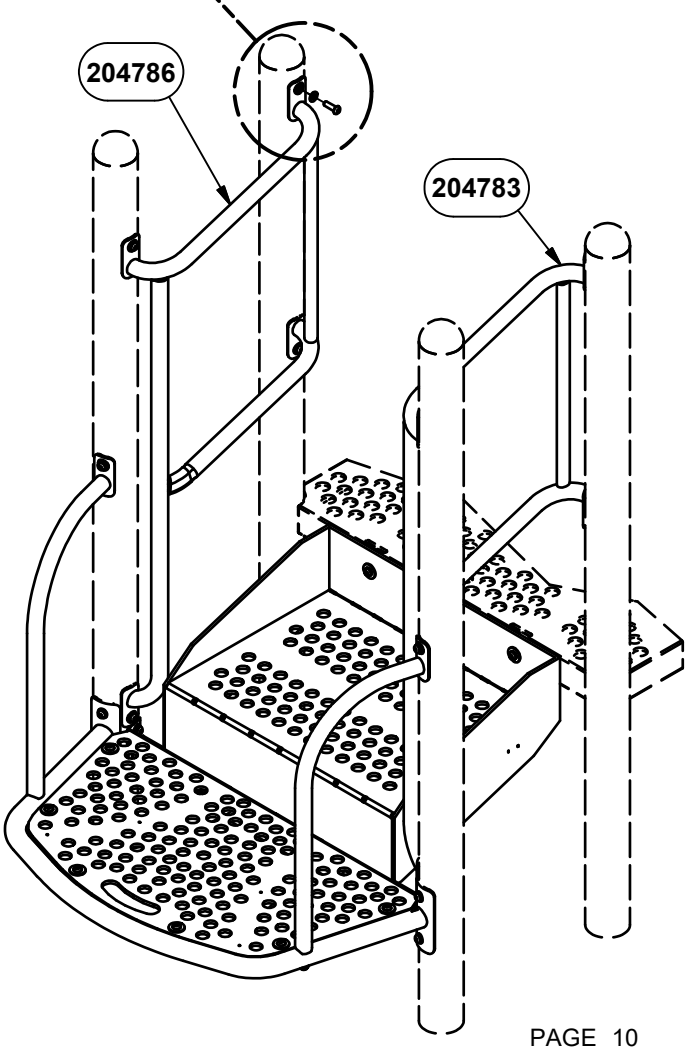
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW





STEP 8
8 PLACES



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DETAIL VIEW

Parts List					
DESCRIPTION	19916	19917	19918	19919	PART NUMBER
COATED PLATFORM	1	1	1	1	221003
1' COATED STEPLINK	1	0	0	0	161235
3' COATED STEPLINK	0	0	0	1	161371
STEP ASSEMBLY	0	0	1	0	167494
STEP ASSEMBLY	0	1	0	0	160670
RIGHT GUARDRAIL WELD ASSEMBLY	1	0	0	0	204783
RIGHT GUARDRAIL WELD ASSEMBLY	0	1	0	0	204788
RIGHT GUARDRAIL WELD ASSEMBLY	0	0	1	0	204793
RIGHT GUARDRAIL WELD ASSEMBLY	0	0	0	1	204797
LEFT GUARDRAIL WELD ASSEMBLY	1	0	0	0	204786
LEFT GUARDRAIL WELD ASSEMBLY	0	1	0	0	204791
LEFT GUARDRAIL WELD ASSEMBLY	0	0	1	0	204795
LEFT GUARDRAIL WELD ASSEMBLY	0	0	0	1	204799
PLATFORM SUPPORT WELD ASSEMBLY	1	1	1	1	221001
HAND SUPPORT WELD ASSEMBLY	2	2	2	2	220997
SUPPORT WELD ASSEMBLY	1	1	1	1	221081
HARDWARE COMPLETE	1	1	1	1	221347
3/8" x 3/4" P.B.H.C.S. w/PATCH	2	2	2	2	812052*
3/8" x 1" P.B.H.C.S. w/PATCH	8	8	8	8	812050*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	16	16	16	16	812051*
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	2	2	2	2	812057*
3/8" FLAT WASHER	18	18	18	18	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	16	16	16	16	817424*
3/8" LOCK WASHER	14	14	14	14	817334*
3/8" T-NUT	4	4	4	4	804556*
3/8" ACORN NUT	6	6	6	6	804002*

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.

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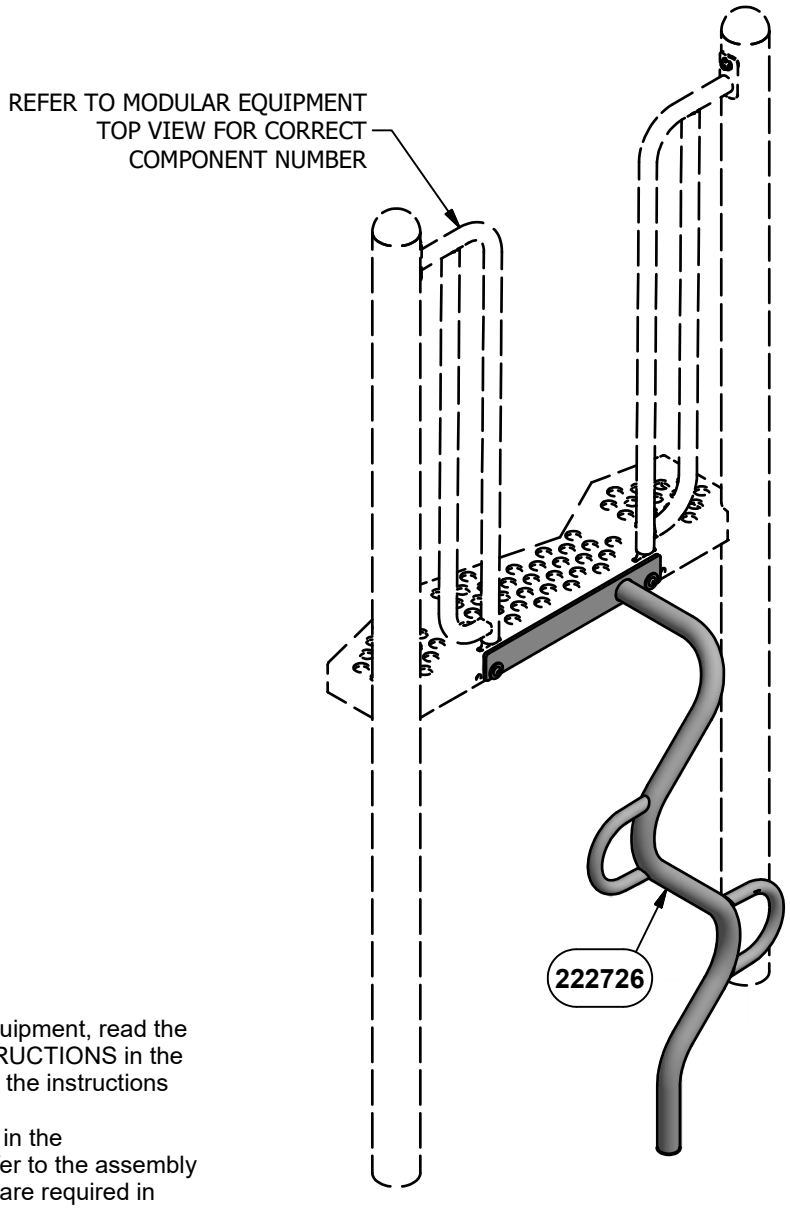
ISSUED/REVISED: 4/3/2023

19972

ELEO CLIMBER



3'-0" - 3'-6"	19972
4'-0" - 4'-6"	19973
5'-0" - 5'-6"	19974
6'-0" - 6'-6"	19975
7'-0" - 7'-6"	19976
8'-0"	19977



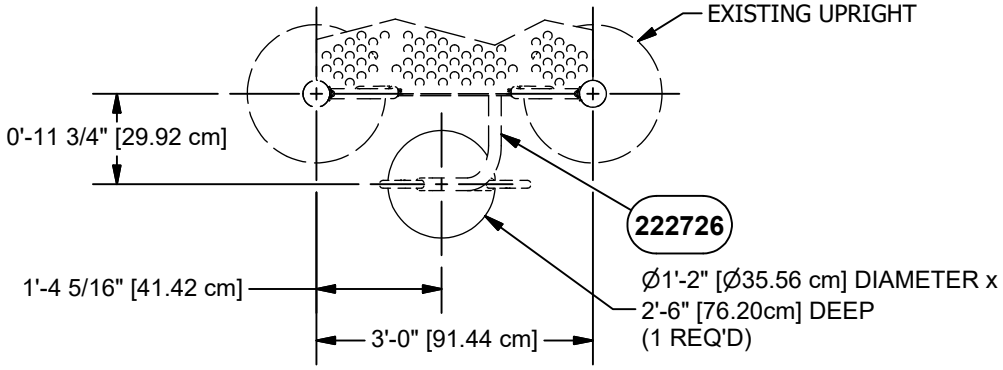
ASSEMBLY VIEW
19972 SHOWN
OTHERS SIMILAR

INSTALLATION INSTRUCTIONS

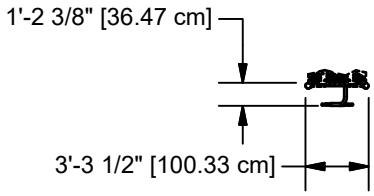
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.

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

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



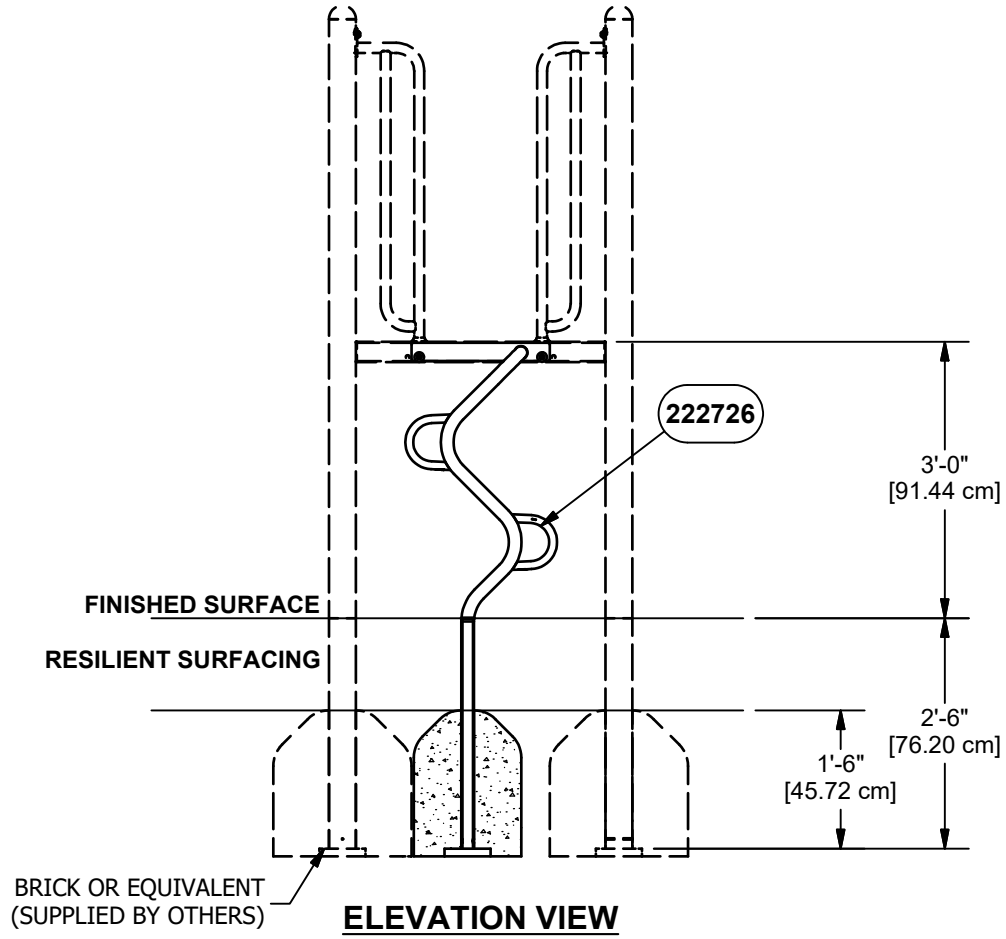
PLAN VIEW
19972 SHOWN
3'-0" VIEW



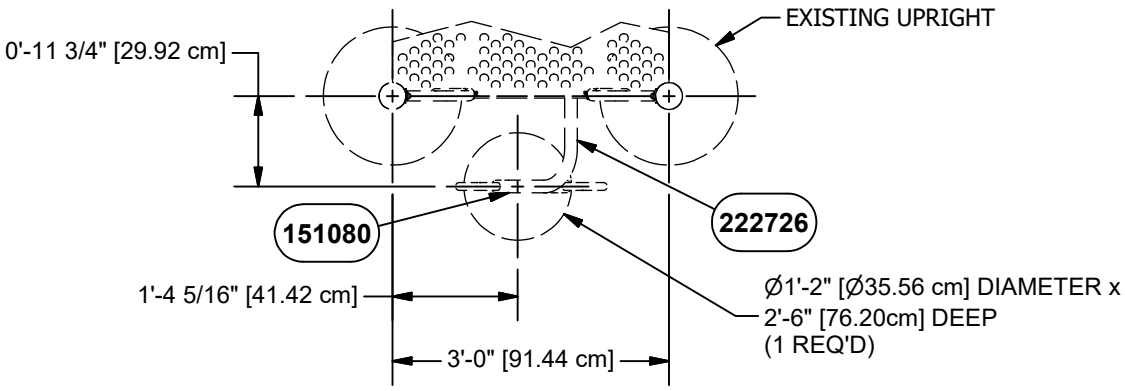
TOP VIEW
19972 SHOWN
3'-0" VIEW

CONCRETE REQUIRED:
0.06 CUBIC YARDS
[0.05 CUBIC METERS]

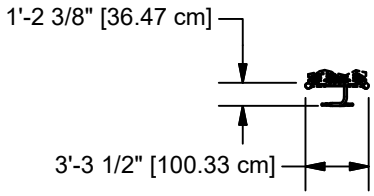
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



ELEVATION VIEW
19972 SHOWN
3'-0" VIEW



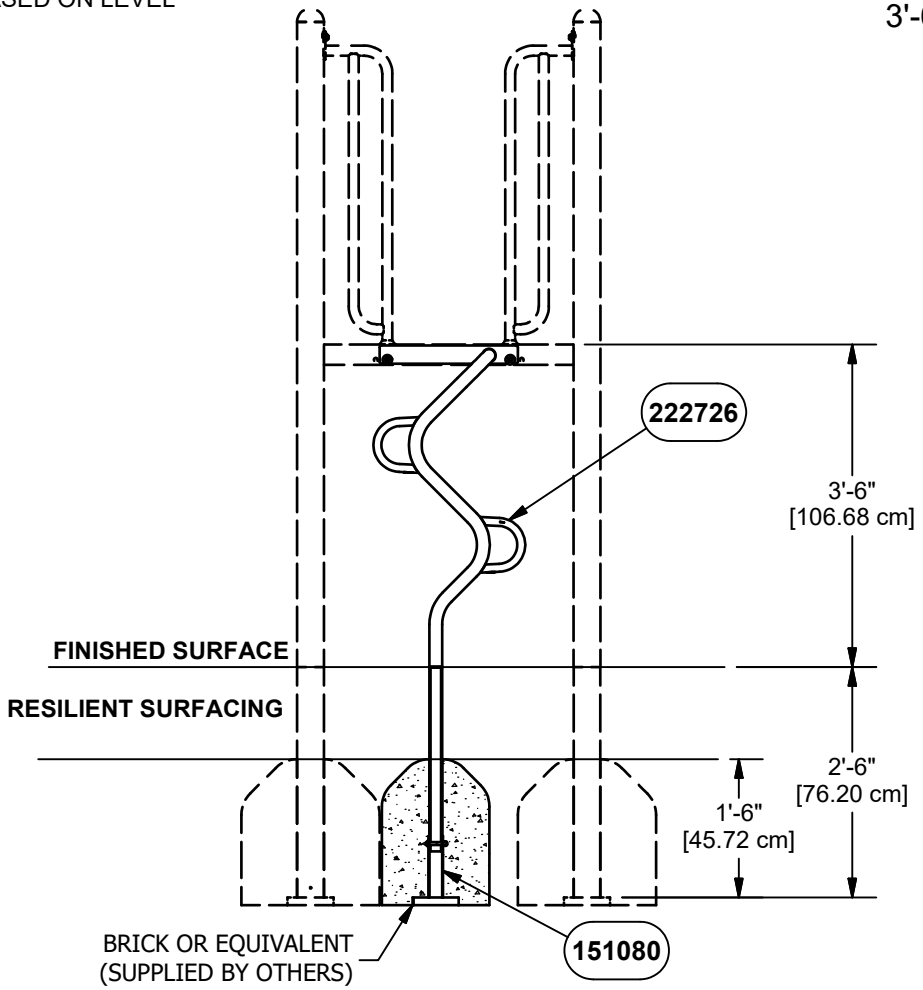
PLAN VIEW
19972 SHOWN
3'-6" VIEW



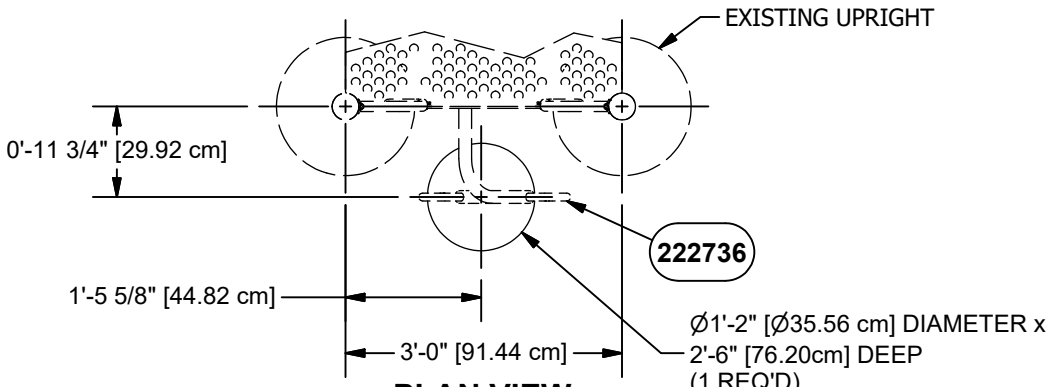
TOP VIEW
19972 SHOWN
3'-6" VIEW

CONCRETE REQUIRED:
0.06 CUBIC YARDS
[0.05 CUBIC METERS]

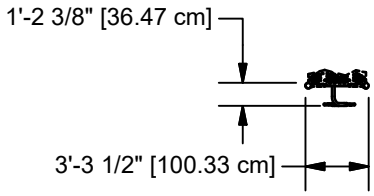
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



ELEVATION VIEW
19972 SHOWN
3'-6" VIEW



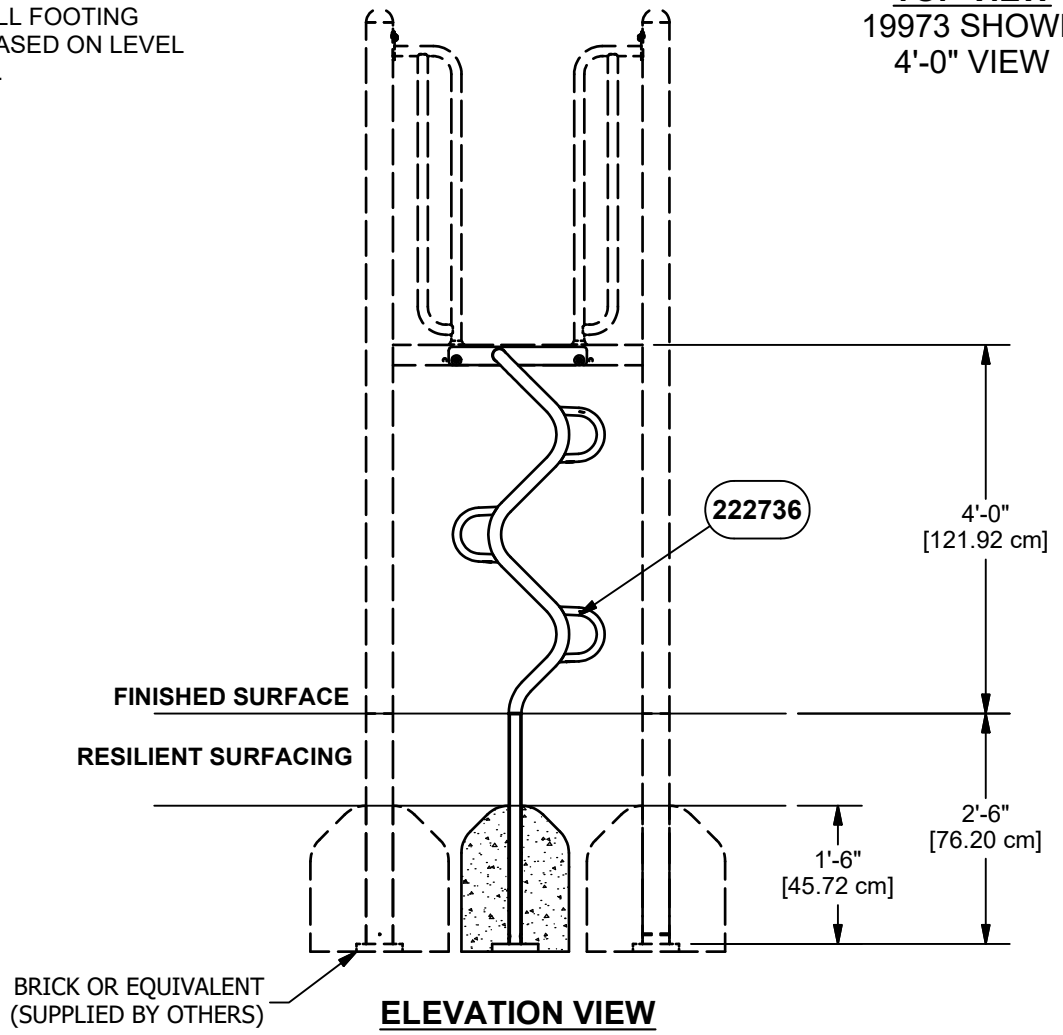
PLAN VIEW
19973 SHOWN
4'-0" VIEW



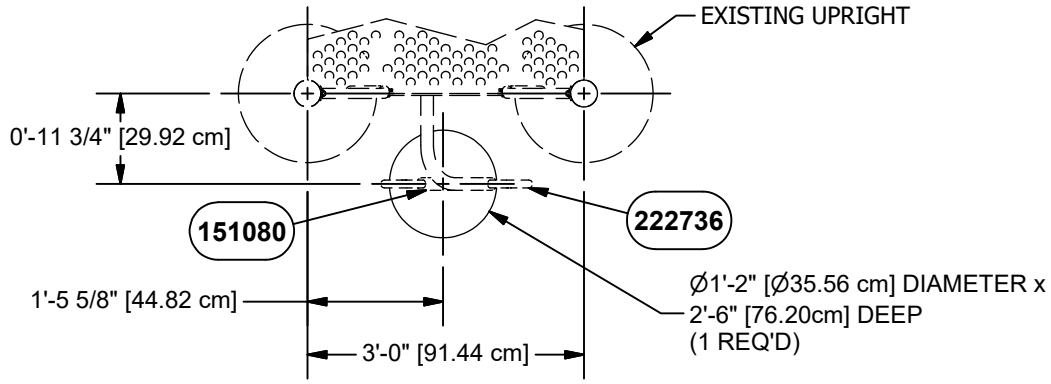
TOP VIEW
19973 SHOWN
4'-0" VIEW

CONCRETE REQUIRED:
0.06 CUBIC YARDS
[0.05 CUBIC METERS]

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



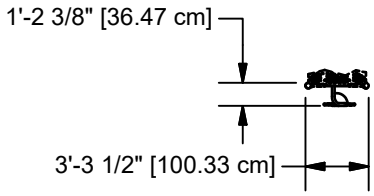
ELEVATION VIEW
19973 SHOWN
4'-0" VIEW



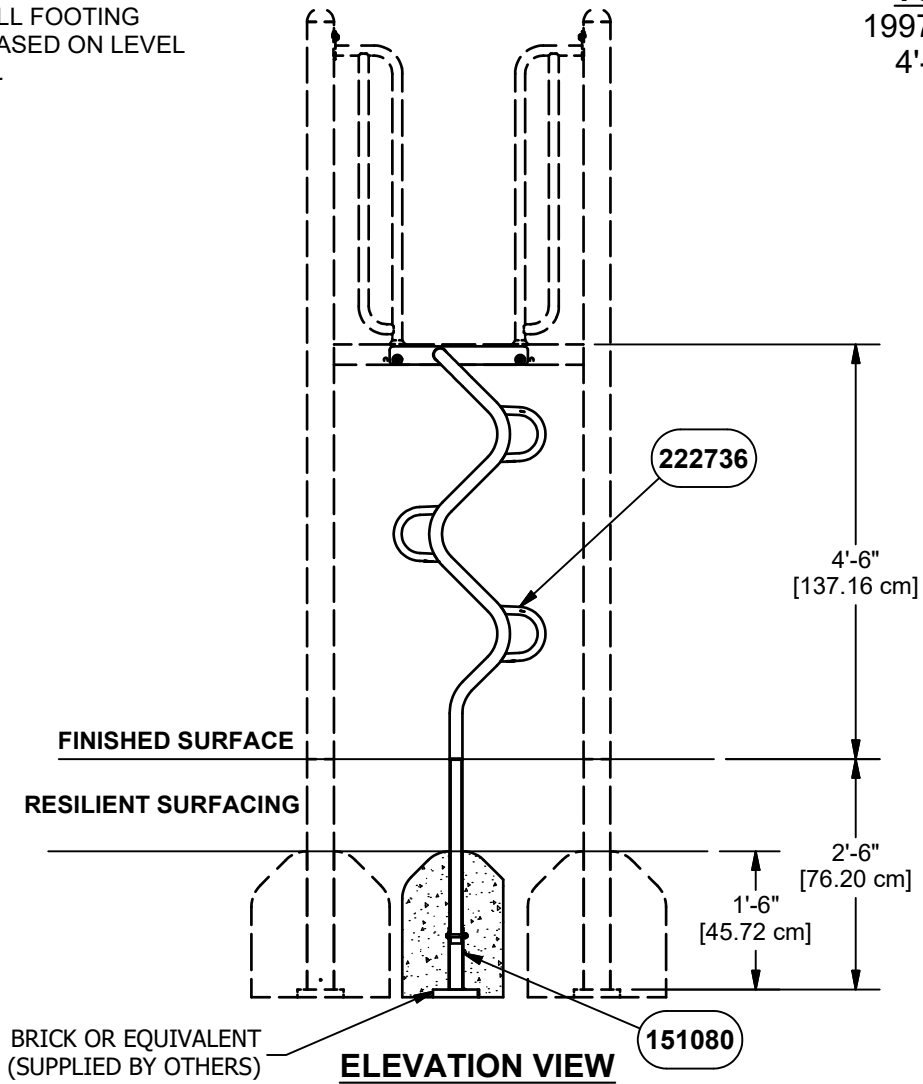
PLAN VIEW
19973 SHOWN
4'-6" VIEW

CONCRETE REQUIRED:
0.06 CUBIC YARDS
[0.05 CUBIC METERS]

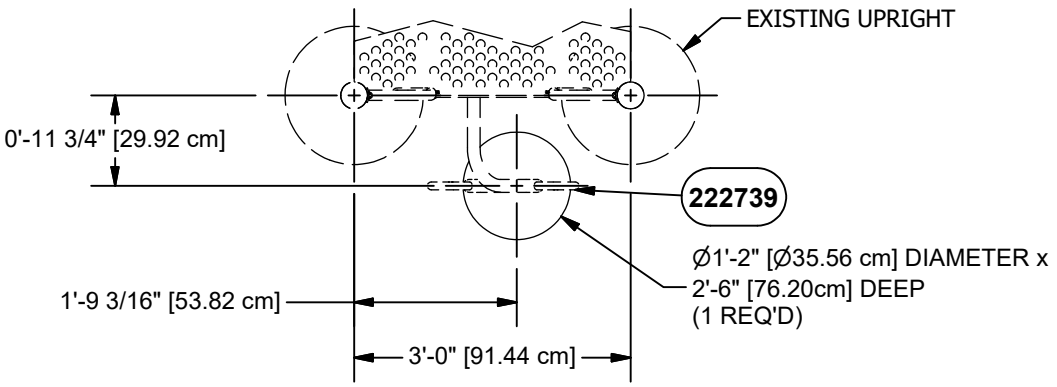
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



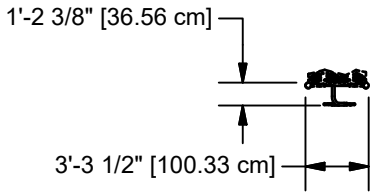
TOP VIEW
19973 SHOWN
4'-6" VIEW



ELEVATION VIEW
19973 SHOWN
4'-6" VIEW



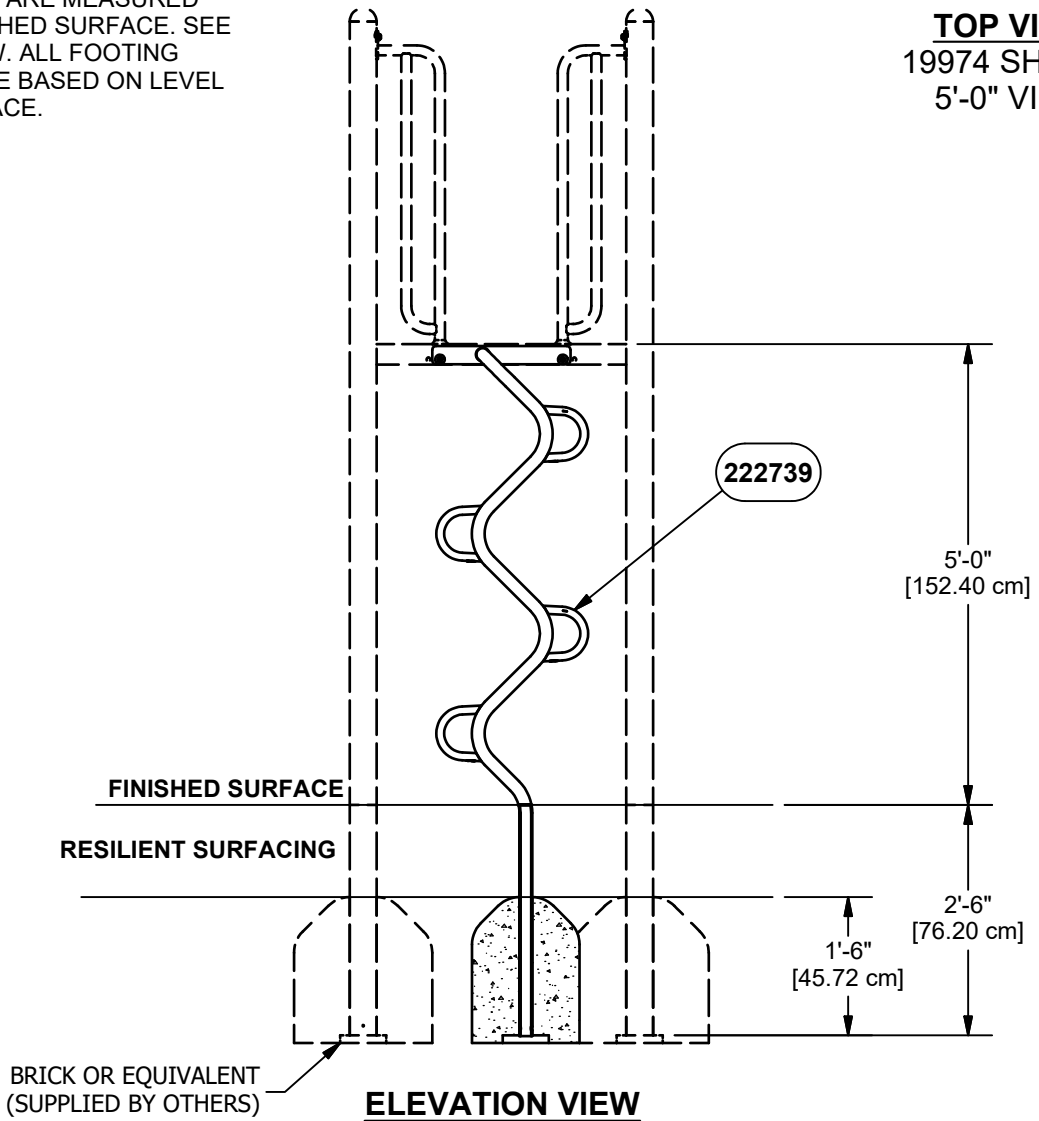
PLAN VIEW
19974 SHOWN
5'-0" VIEW



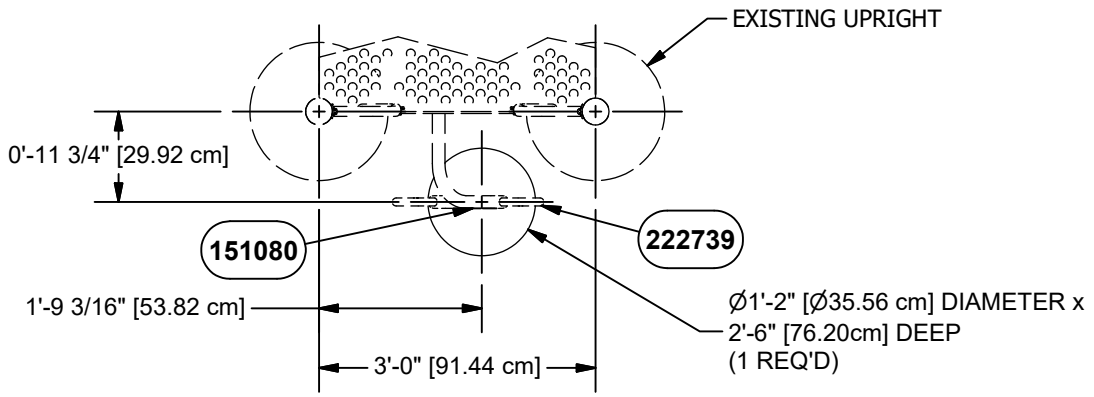
TOP VIEW
19974 SHOWN
5'-0" VIEW

CONCRETE REQUIRED:
0.06 CUBIC YARDS
[0.05 CUBIC METERS]

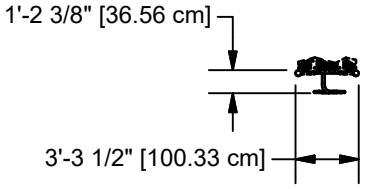
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



ELEVATION VIEW
19974 SHOWN
5'-0" VIEW



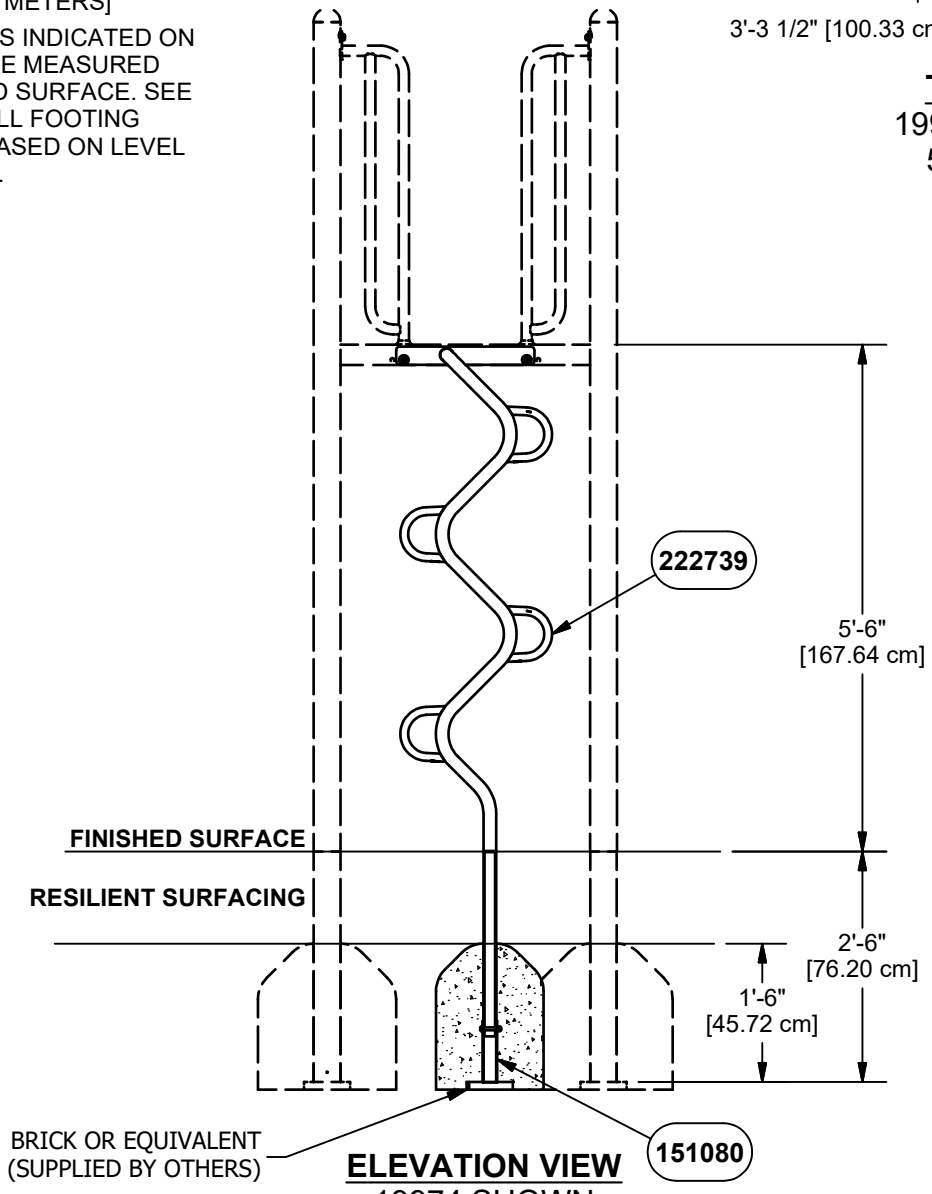
PLAN VIEW
19974 SHOWN
5'-6" VIEW



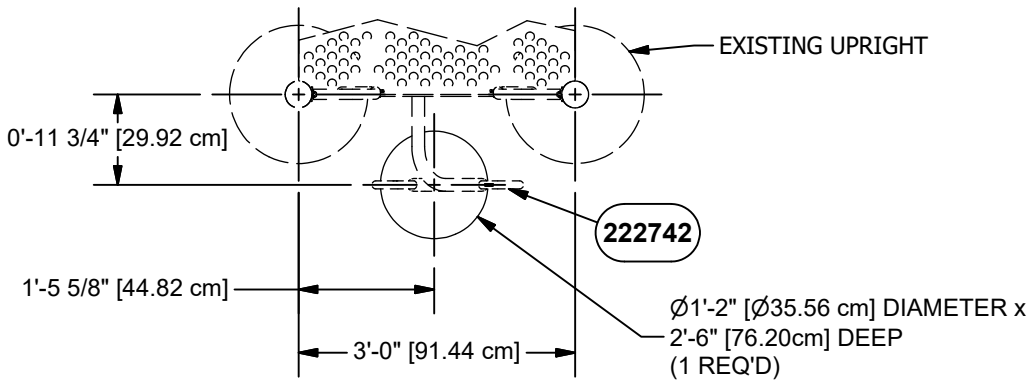
TOP VIEW
19974 SHOWN
5'-6" VIEW

CONCRETE REQUIRED:
0.06 CUBIC YARDS
[0.05 CUBIC METERS]

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



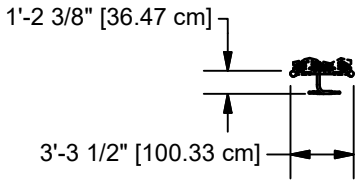
ELEVATION VIEW
19974 SHOWN
5'-6" VIEW



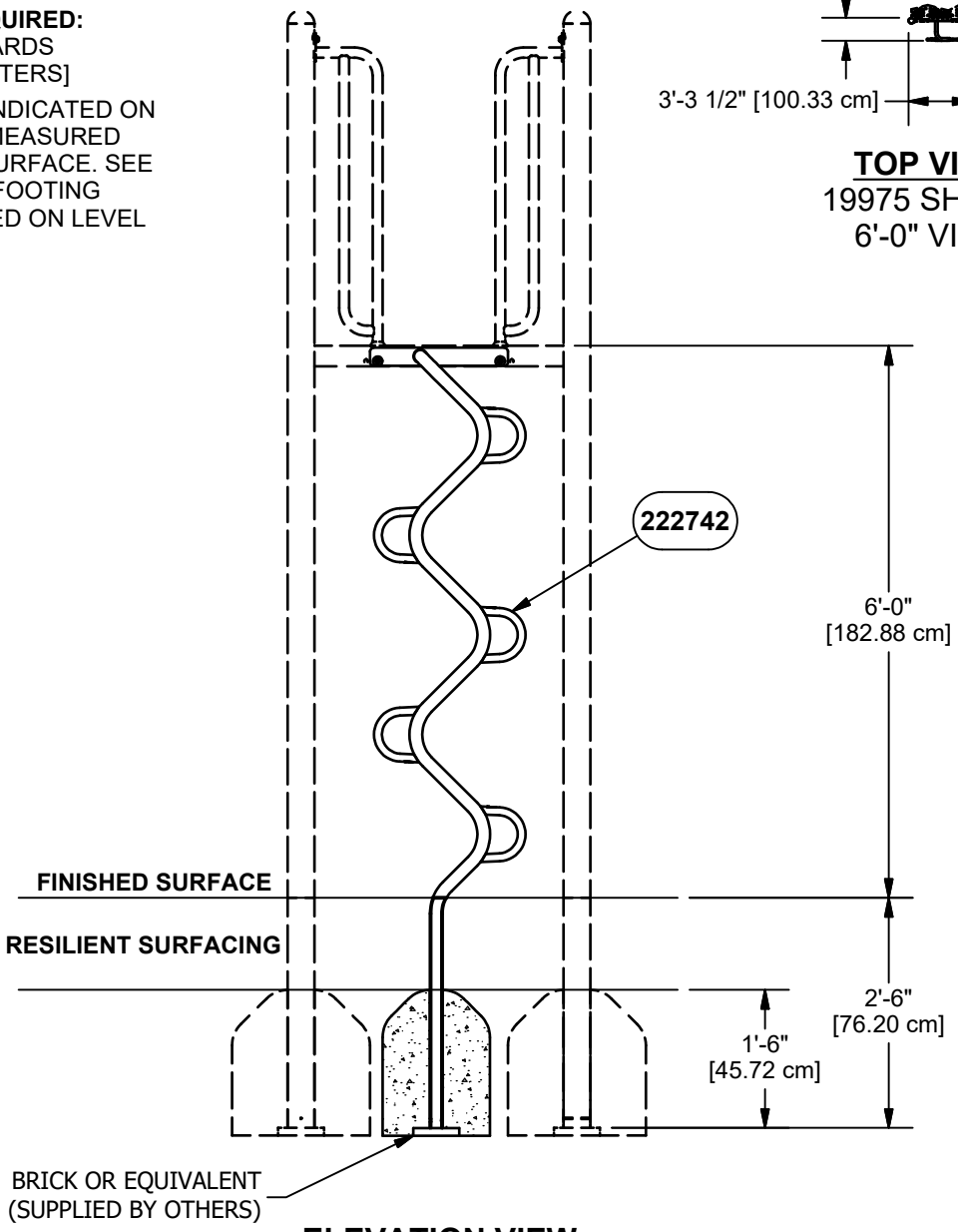
PLAN VIEW
19975 SHOWN
6'-0" VIEW

CONCRETE REQUIRED:
0.06 CUBIC YARDS
[0.05 CUBIC METERS]

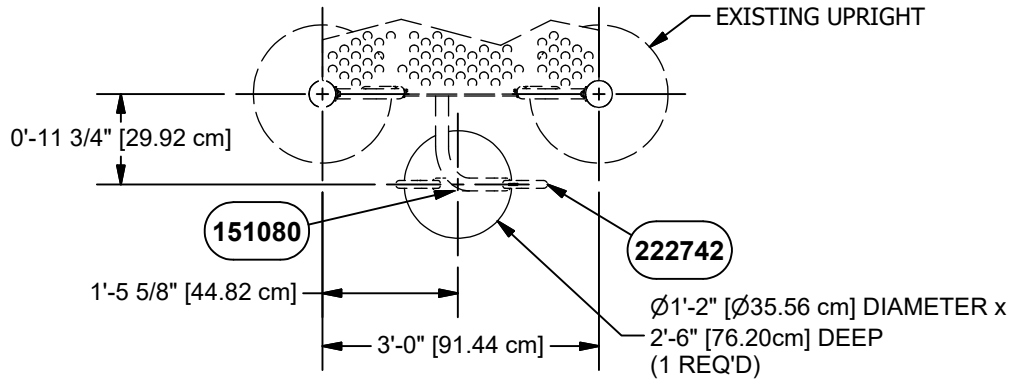
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



TOP VIEW
19975 SHOWN
6'-0" VIEW



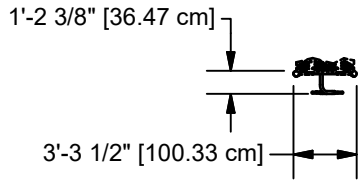
ELEVATION VIEW
19975 SHOWN
6'-0" VIEW



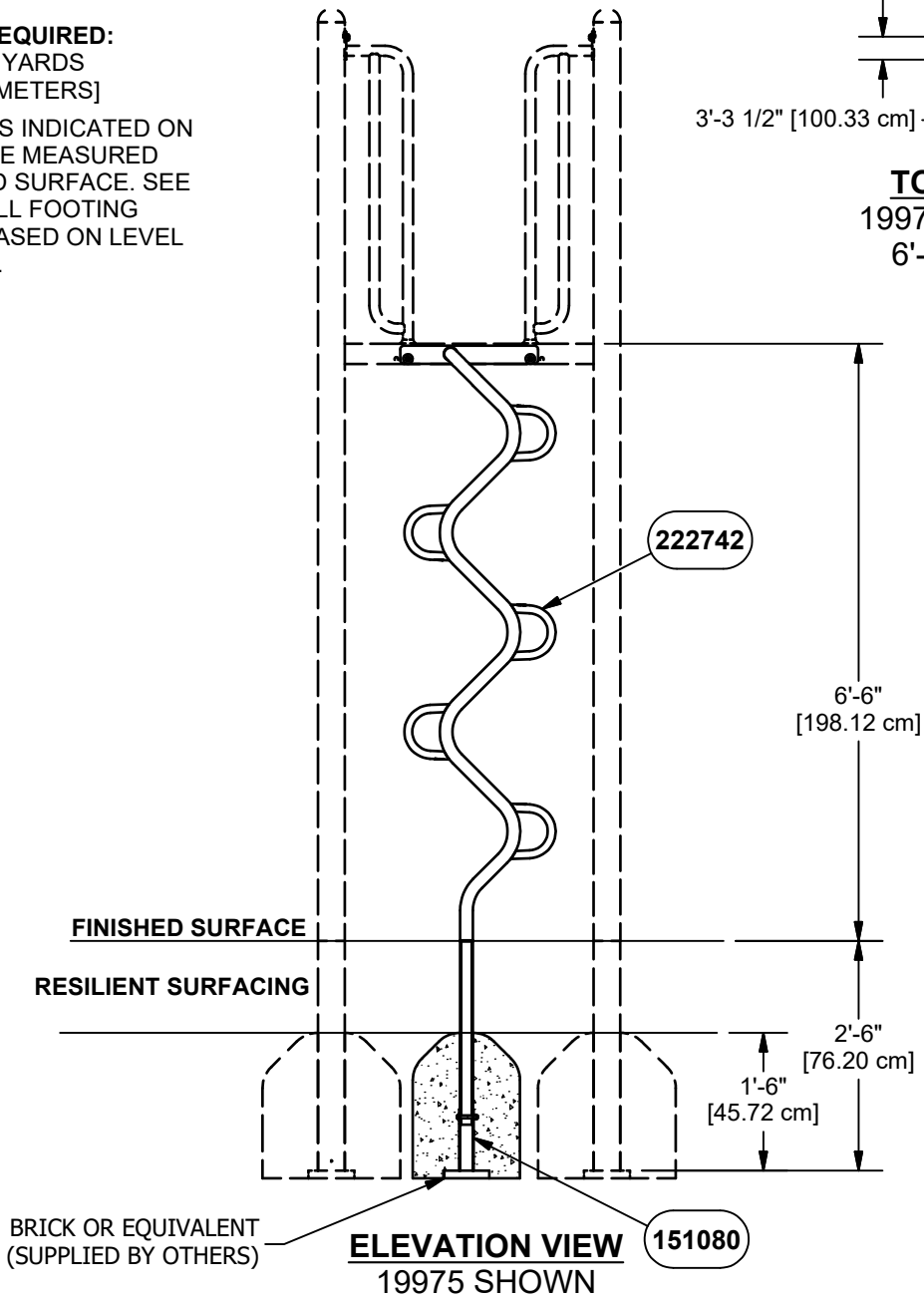
PLAN VIEW
19975 SHOWN
6'-6" VIEW

CONCRETE REQUIRED:
0.06 CUBIC YARDS
[0.05 CUBIC METERS]

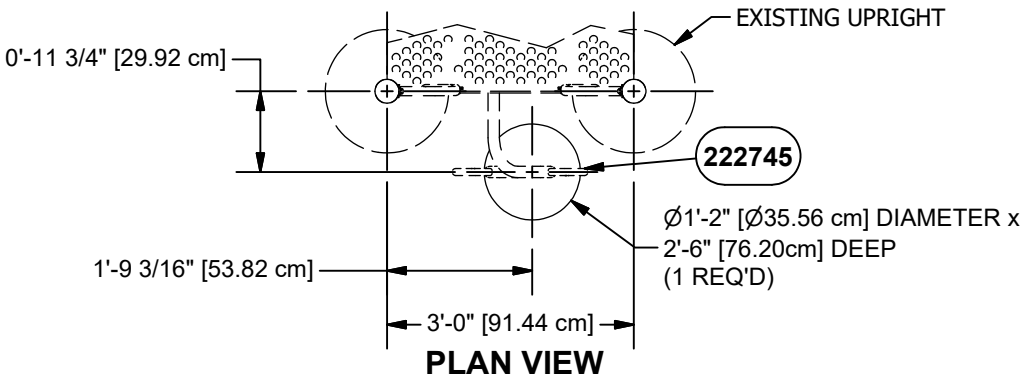
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



TOP VIEW
19975 SHOWN
6'-6" VIEW



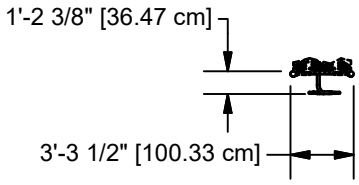
ELEVATION VIEW
19975 SHOWN
6'-6" VIEW



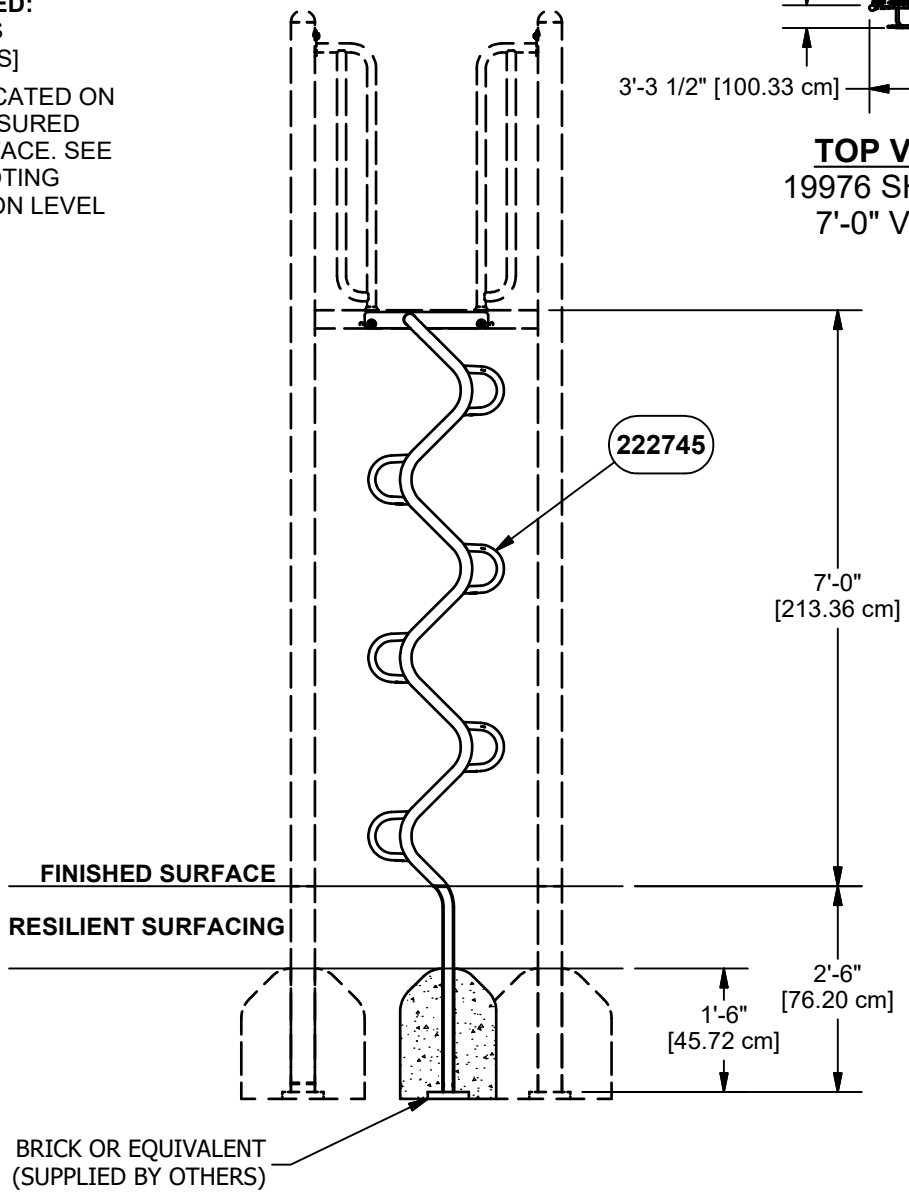
PLAN VIEW
19976 SHOWN
7'-0" VIEW

CONCRETE REQUIRED:
0.06 CUBIC YARDS
[0.05 CUBIC METERS]

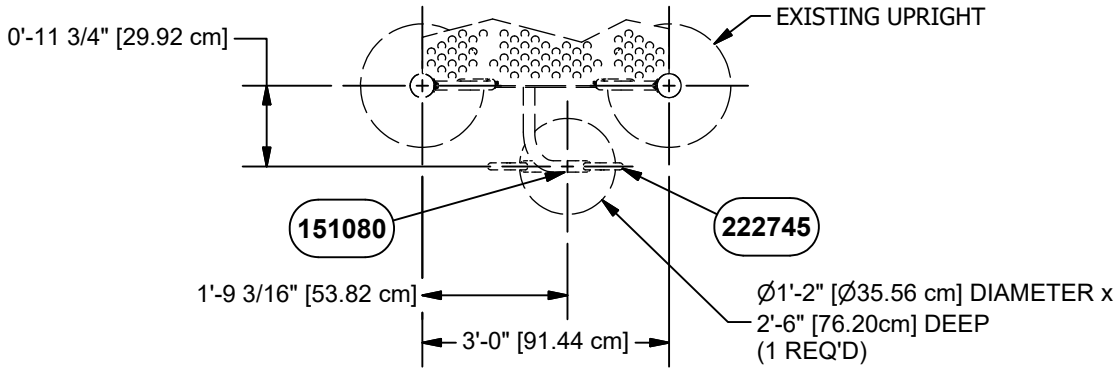
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



TOP VIEW
19976 SHOWN
7'-0" VIEW



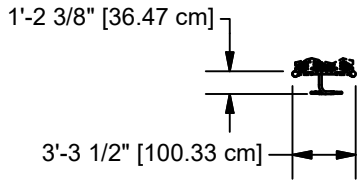
ELEVATION VIEW
19976 SHOWN
7'-0" VIEW



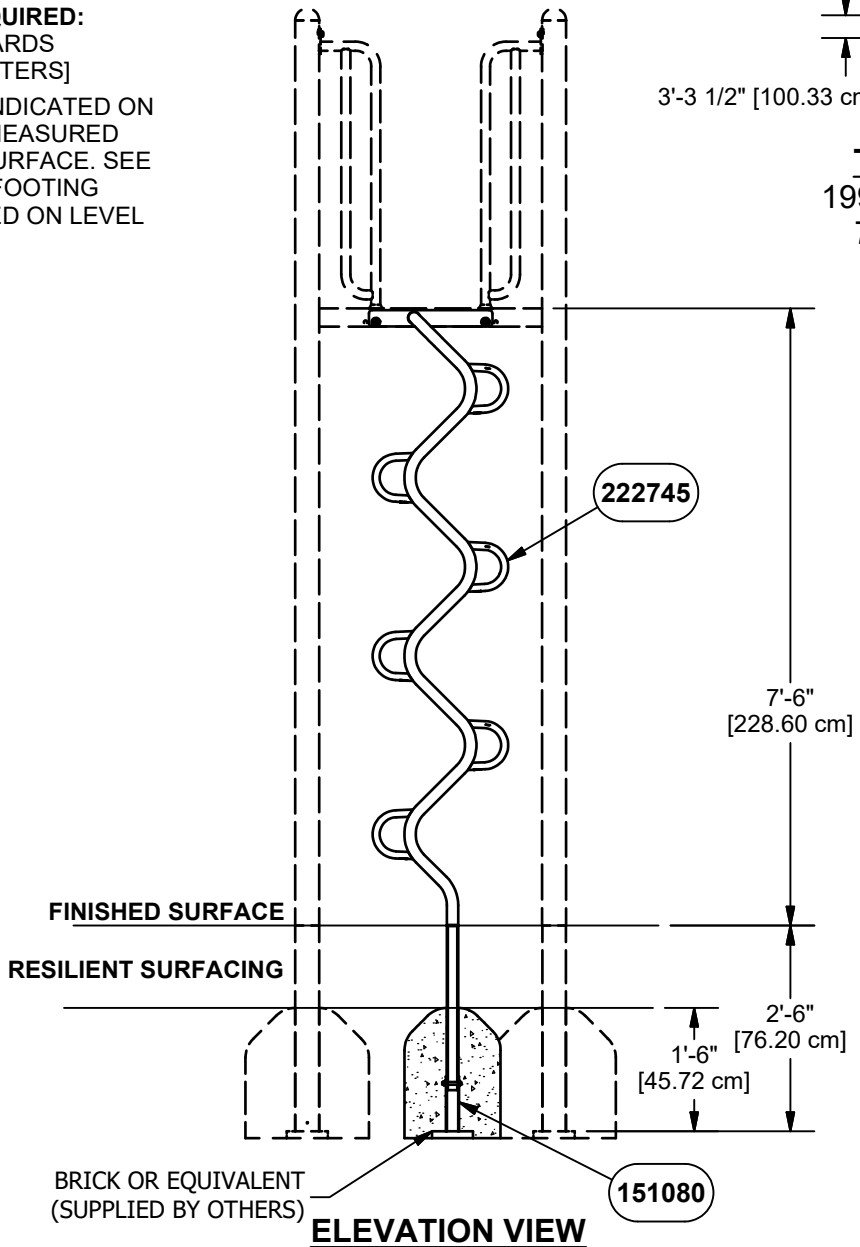
PLAN VIEW
19976 SHOWN
7'-6" VIEW

CONCRETE REQUIRED:
0.06 CUBIC YARDS
[0.05 CUBIC METERS]

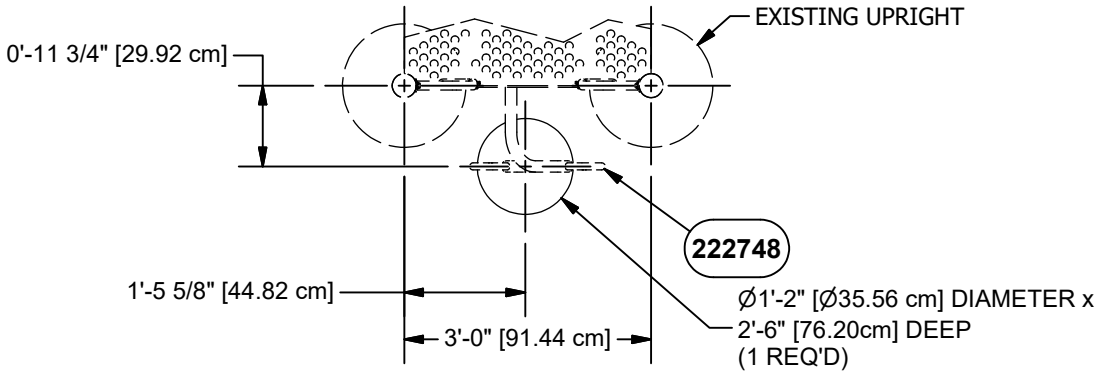
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



TOP VIEW
19976 SHOWN
7'-6" VIEW



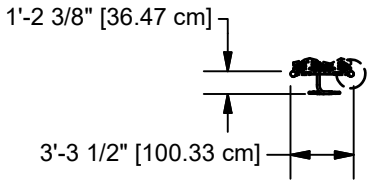
ELEVATION VIEW
19976 SHOWN
7'-6" VIEW



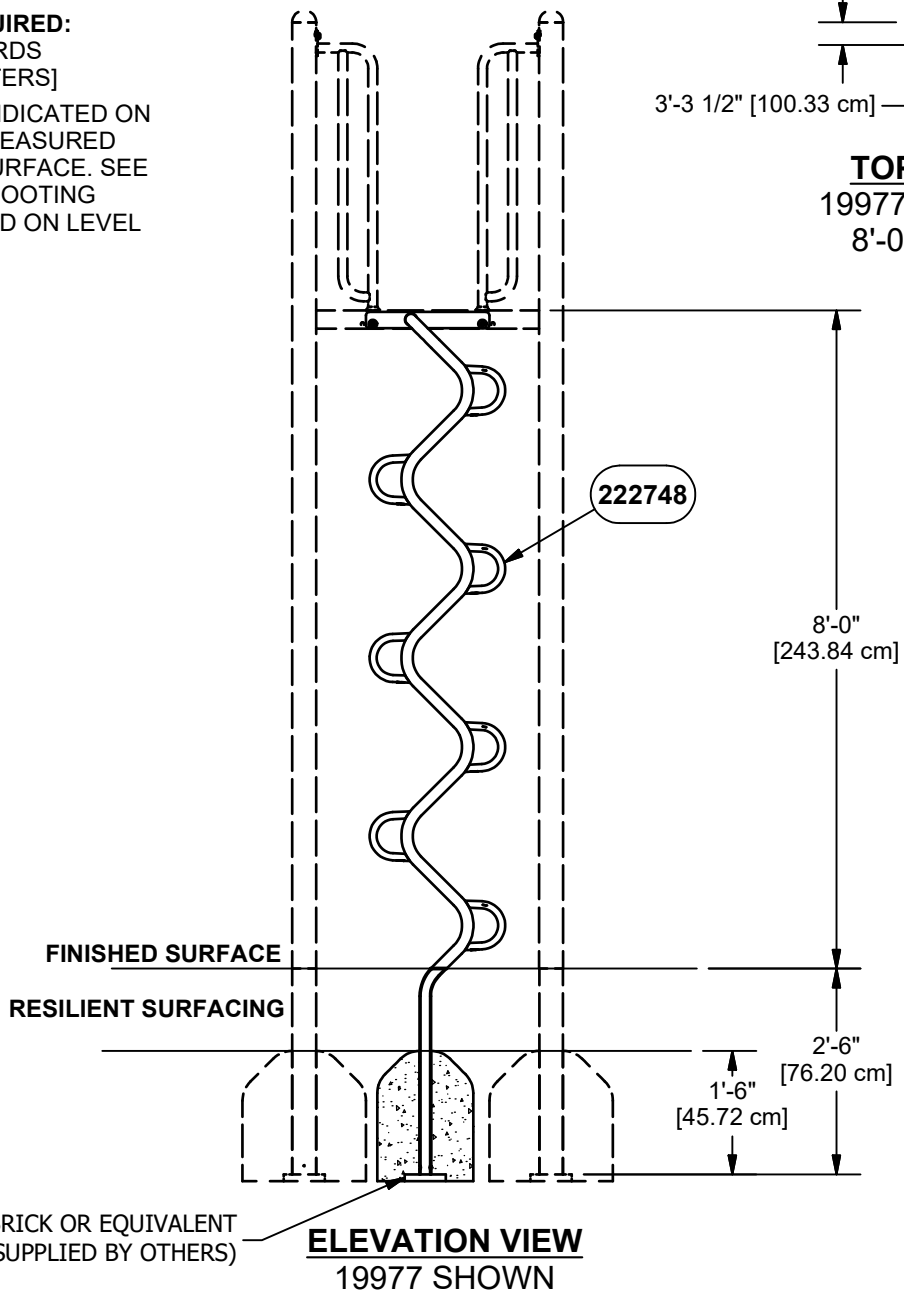
PLAN VIEW
19977 SHOWN
8'-0" VIEW

CONCRETE REQUIRED:
0.06 CUBIC YARDS
[0.05 CUBIC METERS]

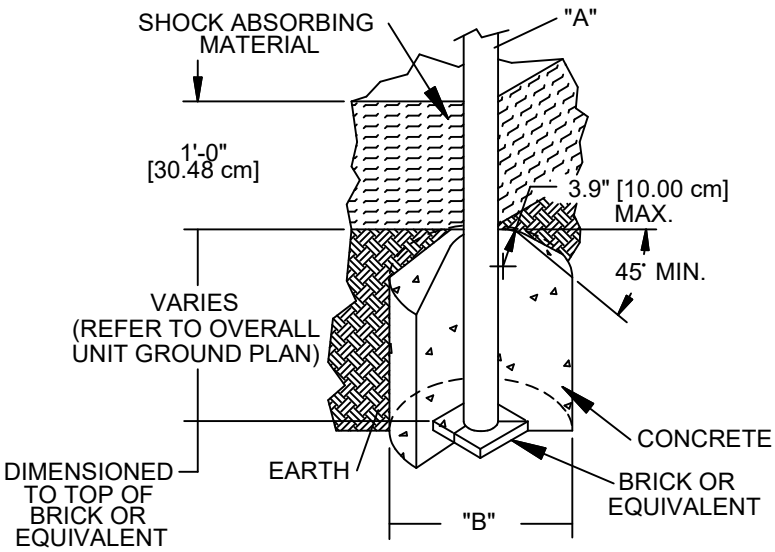
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



TOP VIEW
19977 SHOWN
8'-0" VIEW



ELEVATION VIEW
19977 SHOWN
8'-0" VIEW

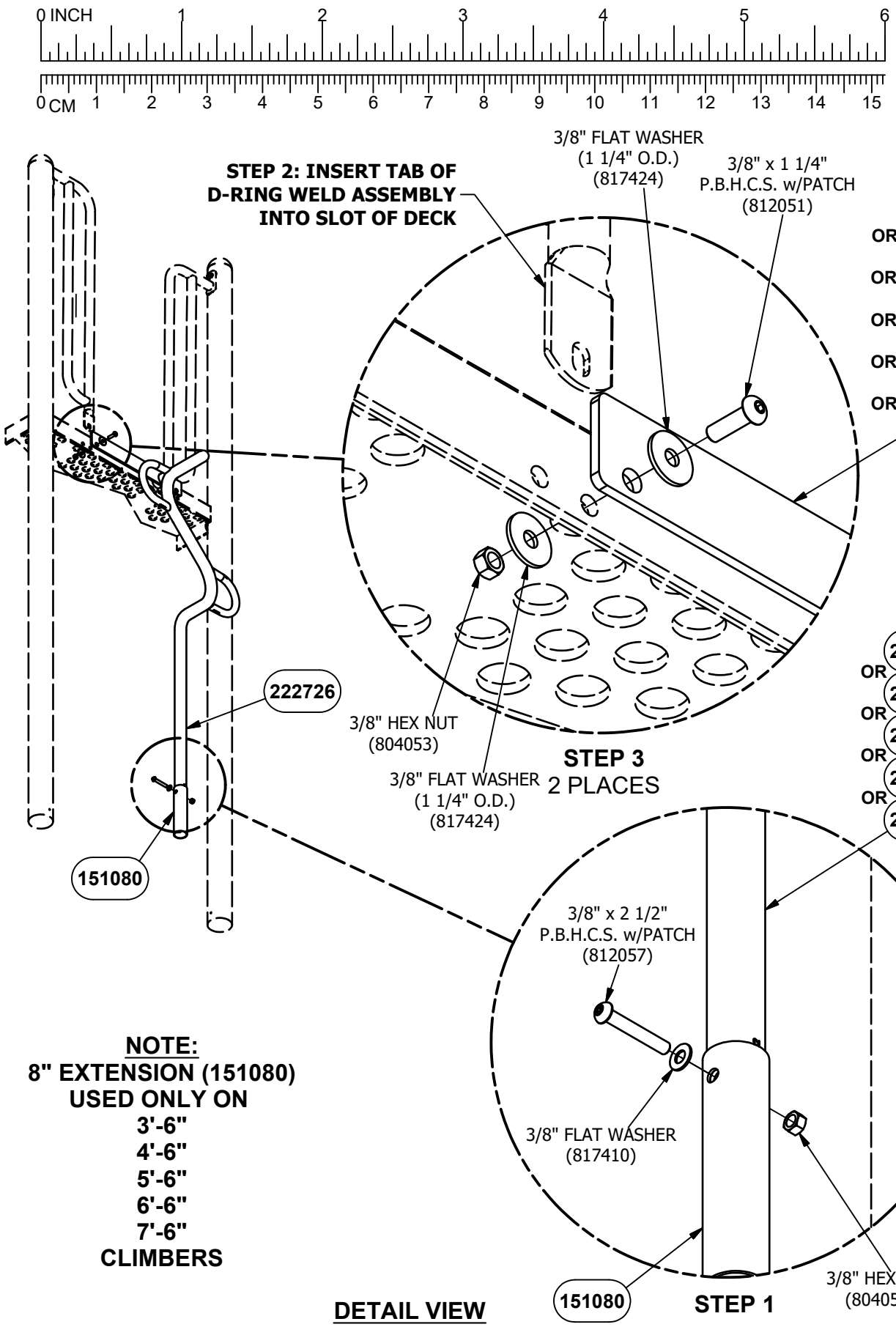


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]

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



NOTE:
8" EXTENSION (151080) USED ONLY ON
3'-6"
4'-6"
5'-6"
6'-6"
7'-6"
CLIMBERS

DETAIL VIEW
3'-6" SHOWN
OTHERS SIMILAR

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

Parts List							
DESCRIPTION	19972	19973	19974	19975	19976	19977	PART NUMBER
CLIMBER WELD ASSEMBLY	1	0	0	0	0	0	222726
CLIMBER WELD ASSEMBLY	0	1	0	0	0	0	222736
CLIMBER WELD ASSEMBLY	0	0	1	0	0	0	222739
CLIMBER WELD ASSEMBLY	0	0	0	1	0	0	222742
CLIMBER WELD ASSEMBLY	0	0	0	0	1	0	222745
CLIMBER WELD ASSEMBLY	0	0	0	0	0	1	222748
HARDWARE COMPLETE	1	1	1	1	1	0	222750
HARDWARE COMPLETE	0	0	0	0	0	1	222755
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	2	2	2	2	2	2	812051*
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	1	1	1	1	1	0	812057*
3/8" FLAT WASHER	1	1	1	1	1	0	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	4	4	4	4	4	4	817424*
3/8" HEX NUT	3	3	3	3	3	2	804053*
8" EXTENSION	1	1	1	1	1	0	151080*

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.

Xscape

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1-800-235-2440

ISSUED/REVISED: 8/26/20

36058

DRAMATIC PLAY HOUSE

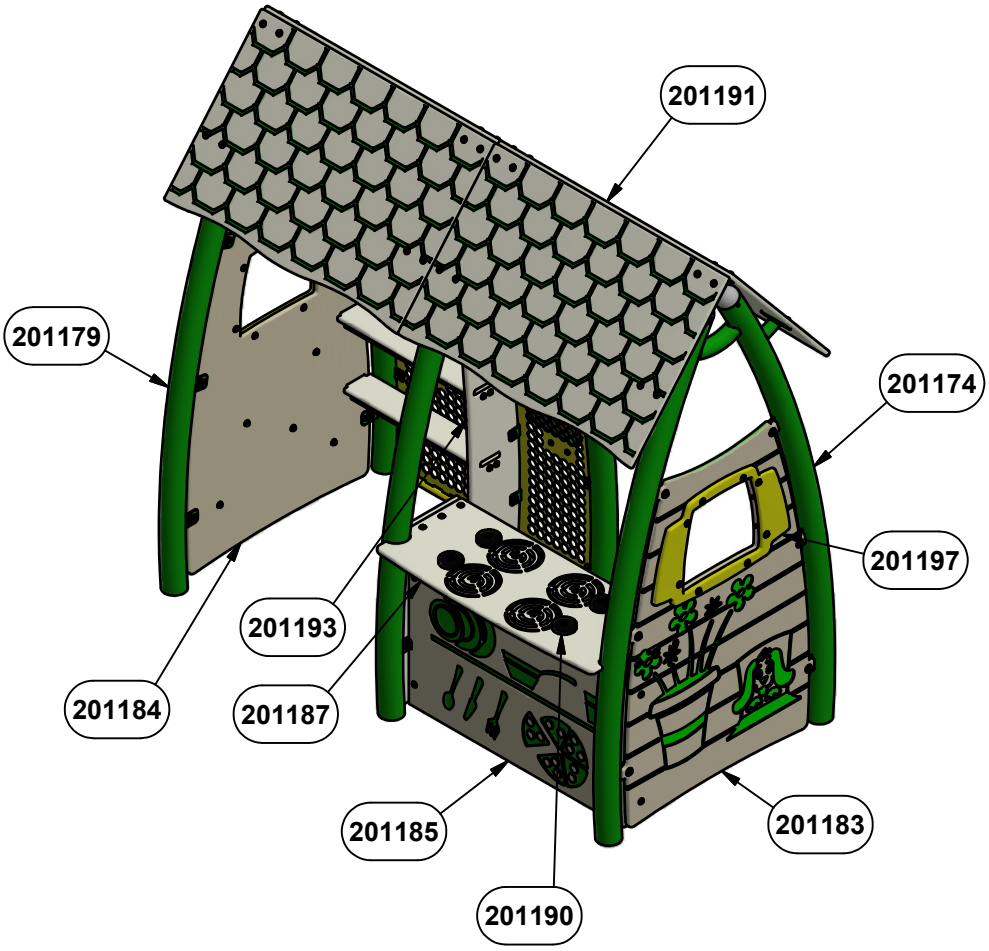
⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

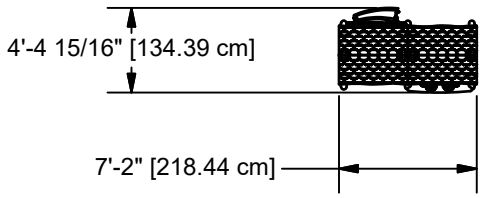
INSTRUCTIONS

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

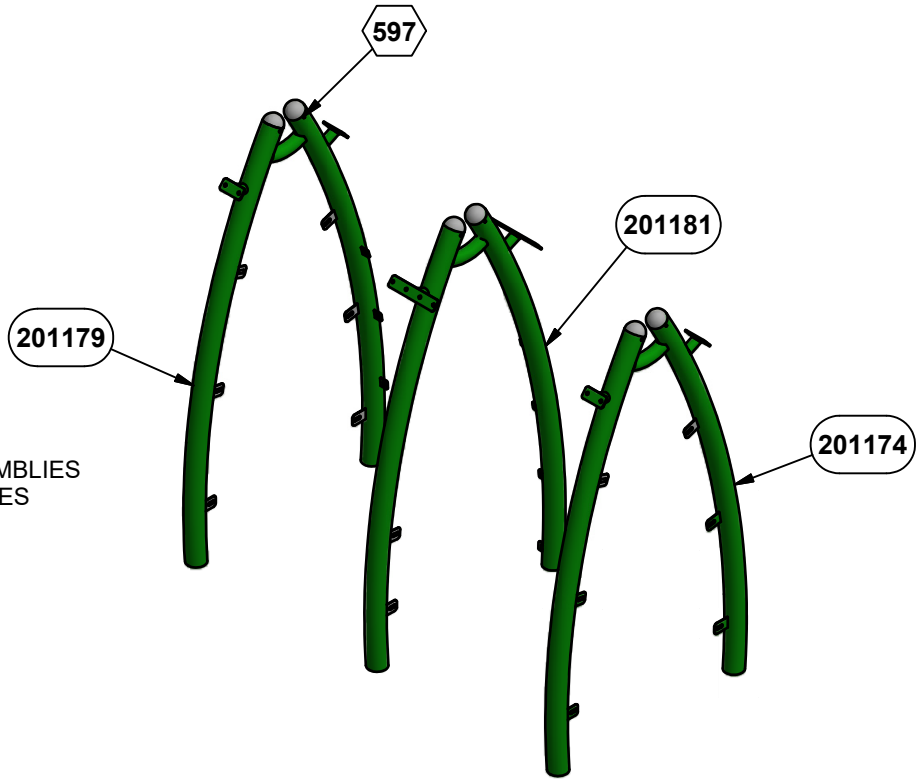




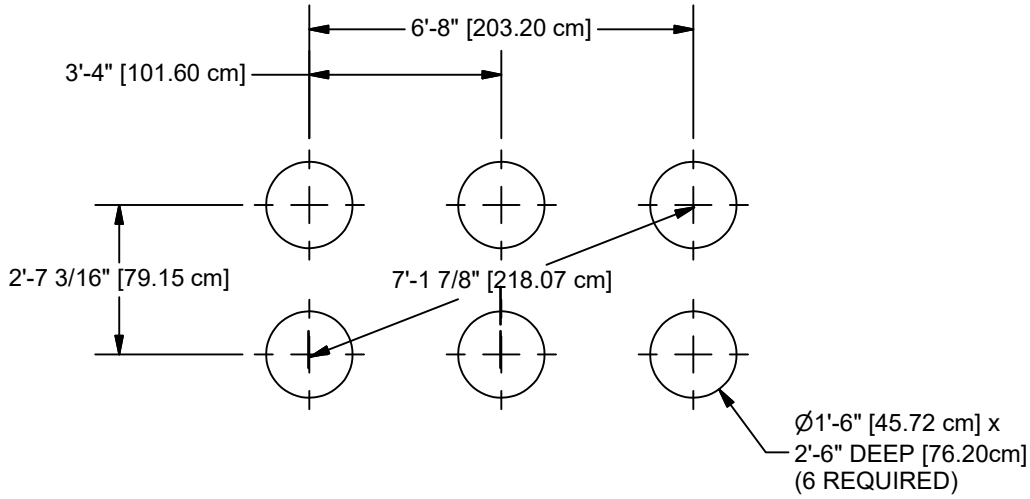
ASSEMBLY VIEW



TOP VIEW



STEP 1:
LOCATE WALL ASSEMBLIES
IN GROUND HOLES

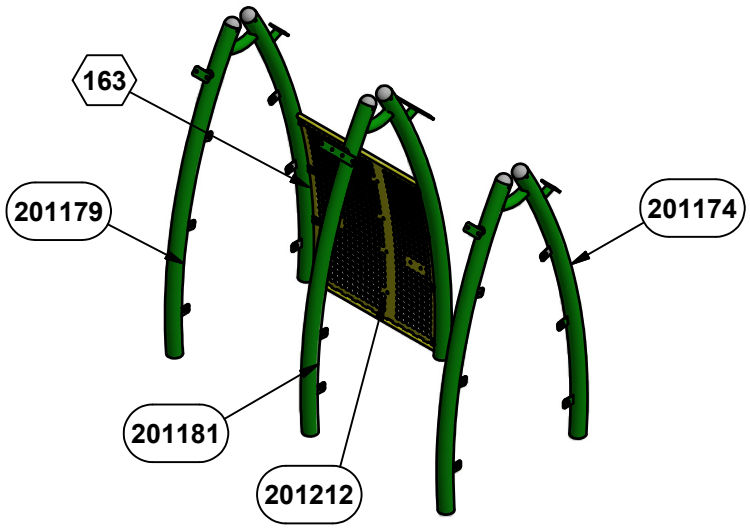


NOTE: HOLE DEPTHS INDICATED ON ALL GROUN PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE DETAIL 003. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

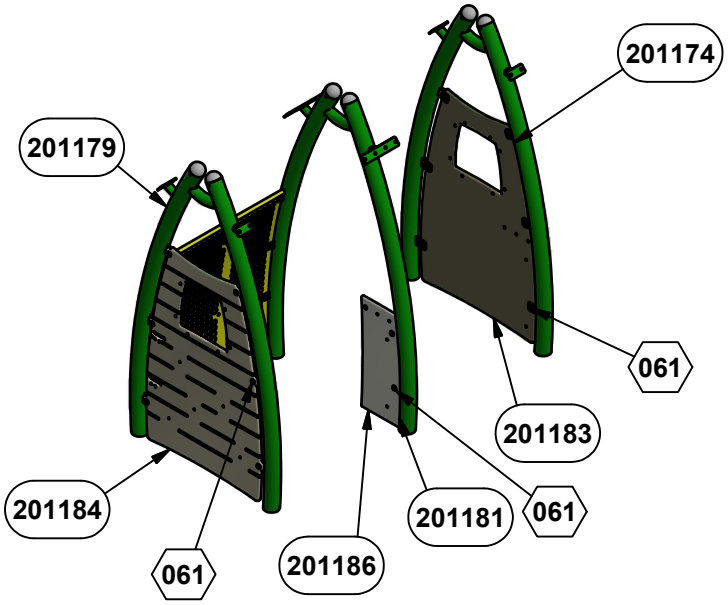
CONCRETE RERQUIRED
.60 CUBIC YARDS
[.46 CUBIC METERS]

GROUND PLAN

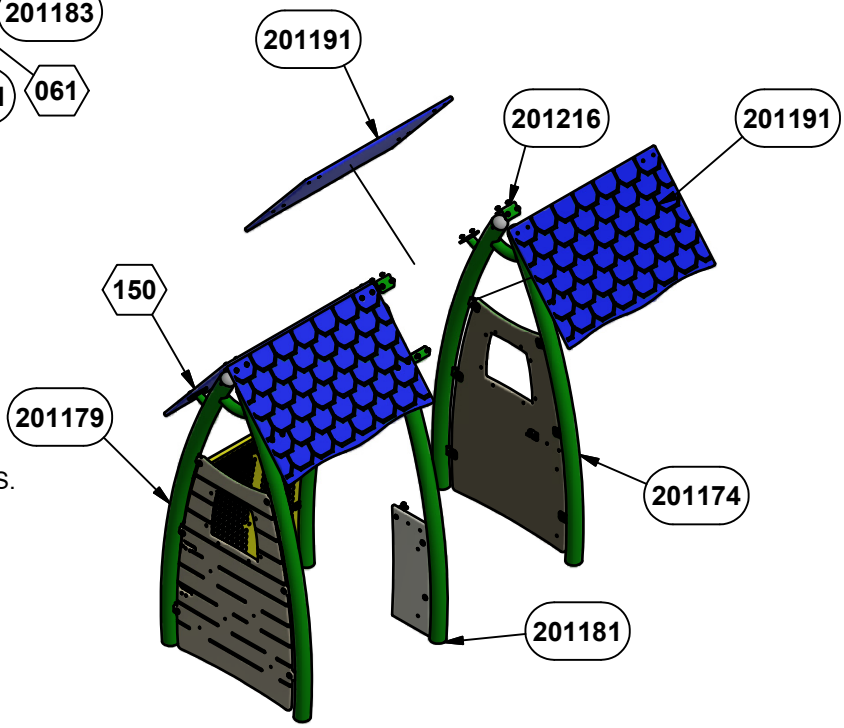
STEP 2:
ATTACH PUNCHED WALL ASS'Y
TO WALL ASS'Y #2 AND
CENTER WALL ASS'Y

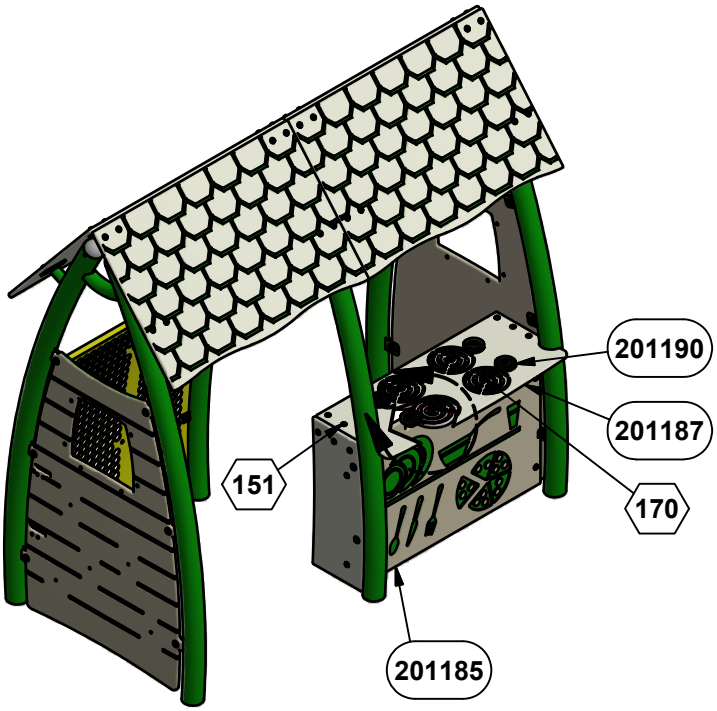


STEP 3:
ATTACH DRAMATIC PLAYHOUSE
PANEL #1 TO WALL ASS'Y #1.
DRAMATIC PLAYHOUSE PANEL #2
TO WALL ASS'Y #2 AND STOVE
SIDE PANEL TO CENTER WALL ASS'Y.

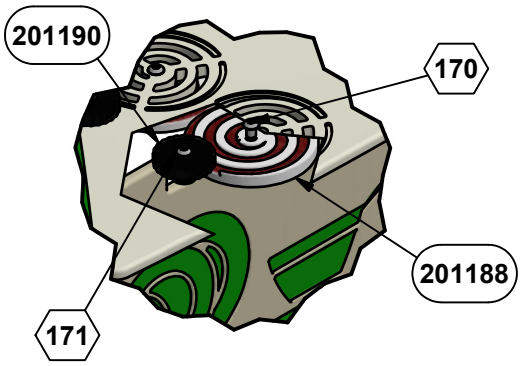


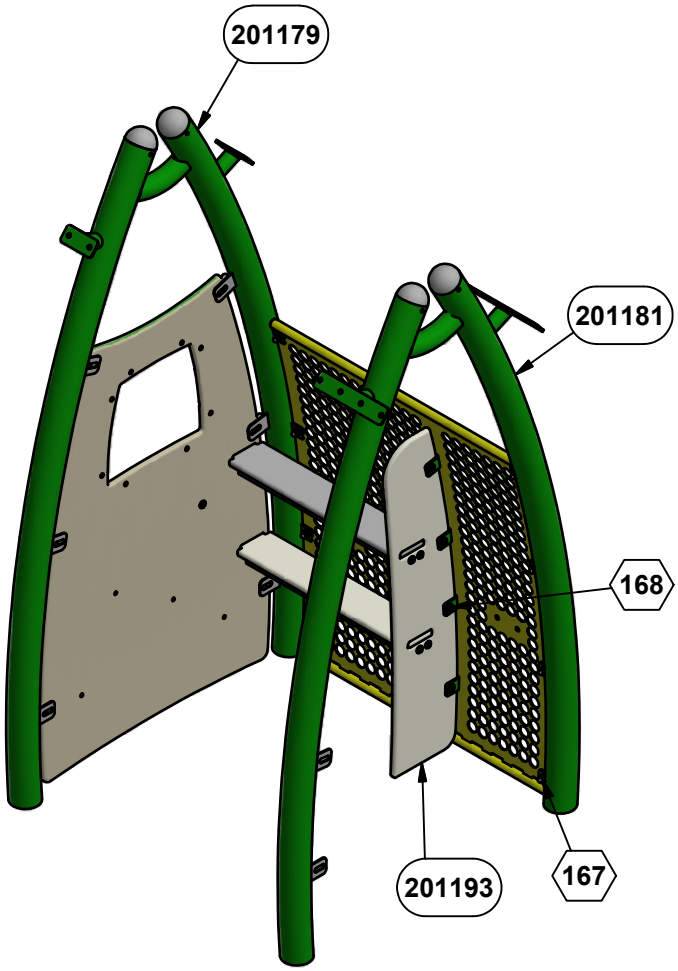
STEP 4:
ATTACH SHINGLE ROOF PANELS
TO WALL ASS'Y, ATTACH ROOF
BRACKETS TO SHINGLE ROOF PANELS.





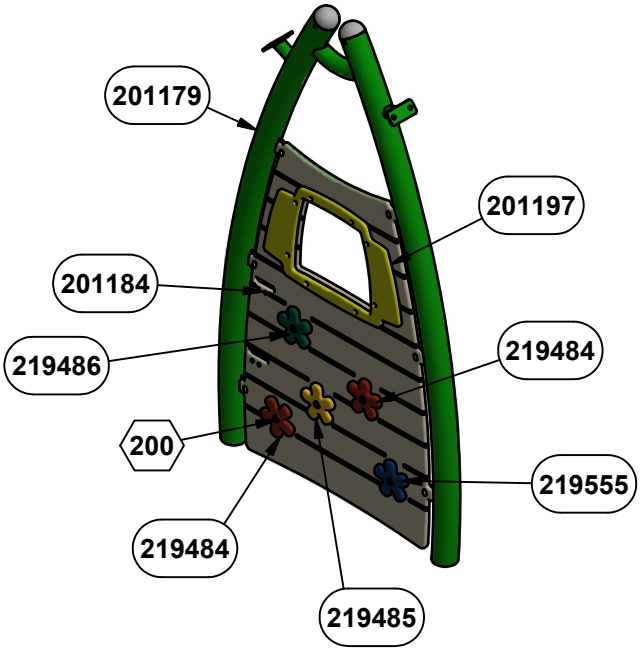
STEP 5:
ATTACH STOVE PANEL AND FRONT STOVE PANEL TO DRAMATIC PLAY HOUSE PANEL #1 AND STOVE SIDE PANEL. ATTACH ROUTED BURNER WITH GEARS TO STOVE PANEL. ATTACH STOVE KNOBS AND HDPE GEARS TO STOVE PANEL.



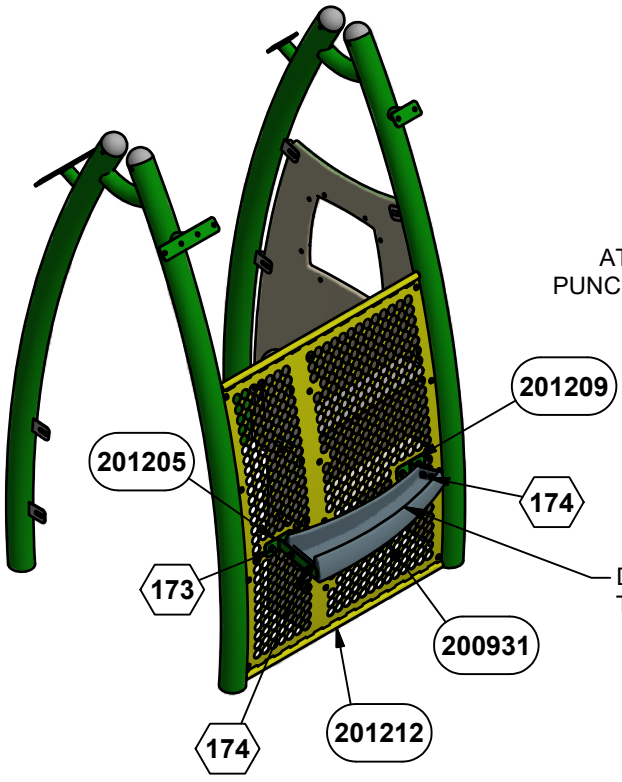


STEP 6:
ATTACH SIDE SHELF PANEL TO PUNCHED WALL ASS'Y. ATTACH HDPE NOTCHED SHELF PANELS AND SHELF SUPPORT BRACKET TO DRAMATIC PLAY HOUSE PANEL #2 AND SIDE SHELF PANEL. ATTACH HDPE SEAT TO CENTER WALL ASS'Y AND SIDE SHELF PANEL.

STEP 7:
ATTACH WINDOW PANELS TO DRAMATIC PLAYHOUSE PANELS. ATTACH FLOWER MOTIFF PANELS TO DRAMATIC PLAY HOUSE #2



STEP 8:
ATTACH PLANTER BRACKETS TO PUNCHED WALL ASS'Y, ATTACH RUBBER BALANCE BEAM.



DRILL DRAIN 1/2" HOLES THROUGH THE BOTTOM OF THE RUBBER PART



IMPORTANT PRODUCT INFORMATION AND SAFETY WARNINGS



☐ All equipment should be installed on a soft, resilient, energy-absorbing ground surface. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.

☐ ALWAYS FOLLOW INSTALLATION INSTRUCTIONS WHEN ERECTING EQUIPMENT.

☐ Worn surfaces around equipment should be restored. Concrete footings should never be exposed. Surface depth should comply with installation instructions.

☐ Equipment should be placed to eliminate conflicting traffic patterns.

☐ All equipment should be free of rust and repainted whenever necessary to deter rusting.

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

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

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

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

☐ Never add components not intended for use with this product.

☐ Regular maintenance is necessary on this and all park and recreational equipment to ensure the safety of the user.

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

☐ Check to be sure all fittings are tight and that the bars and pipes do not move.

☐ A soft resilient surface should be placed under all climbers, extending at least six feet in all directions surrounding the climbers. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

☐ Assemble all slides on level ground to insure proper run-off of slide bedway. The run-off portion of bedway should slope downward no more than 4 degrees.

☐ Examine bedway, bedrails, handrails for foreign objects, holes and rough edges.

☐ Because metal slides left in the sun can cause burns, they should be placed in shaded areas whenever possible. Placing metal slides in a shaded location will also prevent them from reflecting the glare of the sun and interfering with children's vision.

☐ A soft, resilient surface should be placed under all slides, extending at least six feet in all directions surrounding the slides. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

INSTALLATION INSTRUCTIONS

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

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

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

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

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

STEP 1: Dig holes according to the Ground Plan (see Detail 003 also). Place a brick or equivalent at the bottom of the hole to provide a solid foundation. Allow for this in hole depth (see Detail 003). Locate and place walls in holes in the right order and with the right orientation. See STEP 1 graphic to determine the right orientation.

STEP 2: Attach Caps to Wall Assemblies using Detail 597. Attach Punched Wall Assembly to Wall Assembly #2 and Center Wall Assembly (see Detail 163). Use illustration STEP 2 for Orientation.

STEP 3: Attach Dramatic Play House Panels and Stove Side Panel to Wall Assemblies (see Detail 061). Wall Panels are similar but different. Location is critical. Use STEP 3 illustration to determine panels right location.

STEP 4: Attach Shingle Roof Panels to Wall Assemblies and Roof Brackets (see Detail 150 and Step 4 illustration).

STEP 5: Attach Stove Panel and Front Stove Panel to Dramatic Play House Panel #1 and Stove Side Panel (see Detail 151). Attach Routed Burner with Gear Panels to Stove Panel (see Detail 170). Attach Stove Knobs and HDPE Gears to Stove Panel (see Detail 171). Use Step 5 illustration for panel location.

STEP 6: Attach Side Shelf Panel to Punched Wall Assembly (see Detail 168). Attach HDPE Notched Shelf Panels and Shelf Support Brackets to Dramatic Play House Panel #2 and Side Shelf Panel (see Details 172). Attach HDPE Seat Panel to Center Wall Assembly and Side Shelf Panel (see Details 151 and 167). Use Step 7 illustration for panels location.

STEP 7: Attach Window Panels to Dramatic Play House Panels (see Detail 155). Attach Flower Motiff Panels to Dramatic Play House Panel #2 (see Detail 156). Use STEP 7 illustration for location.

STEP 8: Planter Brackets to Punched Wall Assembly (see Detail 173). Attach Rubber Balance Beam, Small and Big Bull Noses to Planter Brackets (see Detail 174). Use STEP 8 illustration for location.

STEP 9: Tighten all nuts, bolts, etc.

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

STEP 10: Check and make sure that entire assembly is plumb and level.

STEP 11: Fill holes with concrete per Detail 003. Plumb and brace assembly. Allow a minimum of 48 hours for concrete to harden before use.

STEP 12: After assembly is complete, place manufacturer's I.D. label in a visible location.

SPECIFICATIONS

WALL ASSEMBLIES
Shall be one piece welded assemblies fabricated from 3-1/2" O.D. 13 gauge (.095") wall, 2 -3/8" x 13 gauge (.095") wall galvanized steel tubing and 1" x 15 gauge (.072") wall galvanized steel tubing. The Triangle Tabs are constructed of 3/16" thick stainless steel. The Wall Assemblies shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication.

DRAMATIC PLAY HOUSE PANELS, SHINGLE ROOF PANELS, FRONT STOVE PANEL, ROUTED BURNERS
These panels shall be made from 3/4" Thick (three ply) routed high density, UV-stabilized, laminated and color impregnated polyethylene.

STOVE PANELS, STOVE SIDE PANES, WINDOW PANEL, SIDE SHELF PANEL, HDPE NOTCHED SHELF PANELS, STOVE KNOBS, HDPE GEAR
These HDPE panels shall be made from 3/4" Thick (solid) high density, UV-stabilized, laminated and color impregnated polyethylene. Countertop Leaf Panel, Chimney and Fireplace Flame shall be made from 3/4" Thick (three ply) routed high density, UV-stabilized, laminated and color impregnated polyethylene.

METAL WALL ASSEMBLY.
Shall be an all welded assembly manufactured with 1" O.D. x 15 gauge (.072") wall galvanized steel tubing, a 14 gauge galvanized cap, and 14 gauge galvannealed punched sheet. Coated product shall consist of a welded assembly with an oven cured matte finish polyvinyl chloride (PVC) coating with a minimum coating thickness of .080".

FLOWER HOLDER ASSEMBLY
Shall be an all welded assembly manufactured with 1 5/16" O.D. x 14 gauge (.083") wall galvanized steel tubing and, a 1/8" thick laser cut steel plates. Coated product shall consist of a welded assembly with an oven cured matte finish polyvinyl chloride (PVC) coating with a minimum coating thickness of .080".

RUBBER BALANCE BEAM
Shall be cast of EPDM of durometer 90.

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

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 304 alloy 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. All primary stainless steel fasteners shall be Button Head Socket Caps.

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

Parts List			
SEQ. NO.	DESCRIPTION	36058	PART NUMBER
1	WALL ASSEMBLY #1	1	201174
2	WALL ASSEMBLY #2	1	201179
3	CENTER WALL ASSEMBLY	1	201181
4	DRAMATIC PLAY HOUSE PANEL #1	1	201183
5	DRAMATIC PLAY HOUSE PANEL #2	1	201184
6	SHINGLE ROOF PANEL (BEIGE/GREEN)	4	201191
7	STOVE PANEL	1	201187
8	STOVE SIDE PANEL	1	201186
9	FRONT STOVE PANEL	1	201185
10	HDPE NOTCHED SHELF	2	201194
11	FLOWER MOTIF RED	2	219484
12	FLOWER MOTIF GREEN	1	219486
13	FLOWER MOTIFF YELLOW	1	219485
14	FLOWER MOTIF BLUE	1	219555
15	WINDOW PANEL	2	201197
16	SIDE SHELF PANEL	1	201193
17	STOVE KNOB	4	201190
18	ROUTED BURNER WITH GEARS	4	201188
19	RUBBER BALANCE BEAM	1	200931
20	SHELF SUPPORT BRACKET	2	201218
21	PUNCHED WALL ASS'Y	1	201212
22	PLANTER LONG BRACKET ASS'Y	1	201205
23	PLANTER SHORT BRACKET ASS'Y	1	201209
24	ROOF BRACKET	4	201216
25	FORMED TAB	14	201230
26	3 1/2" DOME CAP	6	212995
27	***HARDWARE COMPLETE***	1	219574
	3/8" LOCK WASHER	39	817334*
	3/8" T-NUT	64	804556*
	3/8" BARREL NUT	43	804804*
	3/8" FLAT WASHER (1 1/4" O.D.)	22	817424*
	3/8" FLAT WASHER	122	817410*
	3/8" x 3/4" P.B.H.C.S. w/PATCH	16	812052*
	3/8" x 1" P.B.H.C.S. w/PATCH	82	812050*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	21	812053*
	3/8" x 1 3/4" P.B.H.C.S. w/PATCH	8	812054*
	3/8" ACORN NUT	20	804002*
	1/2" FLAT WASHER	14	817412*
	3/16" x 13/32" DRIVE RIVET	12	805366*

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

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

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

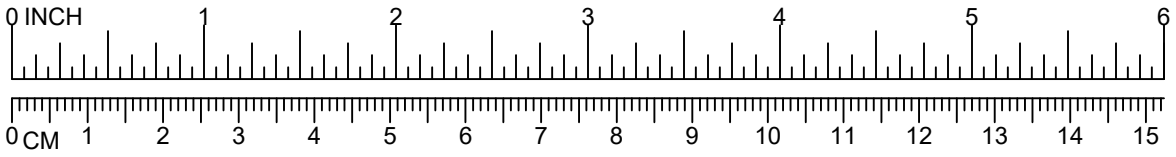
DETAILS -for-
36058

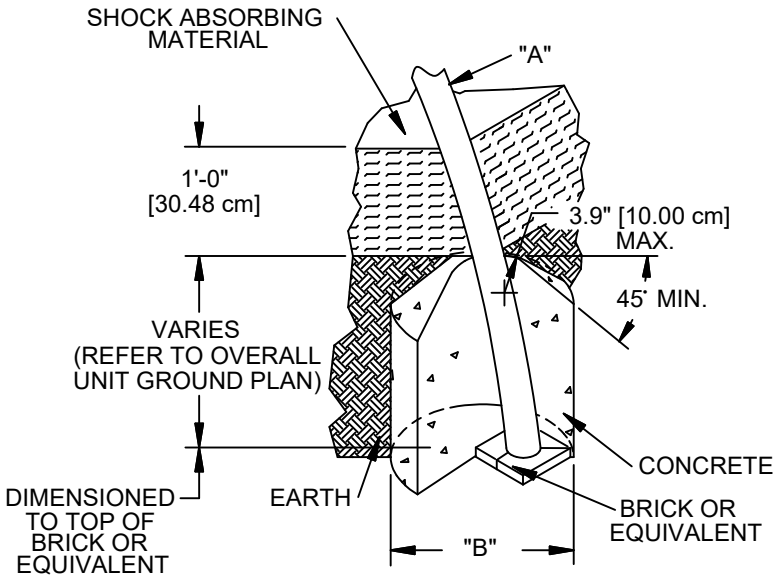
*I*MPORTANT

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

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

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



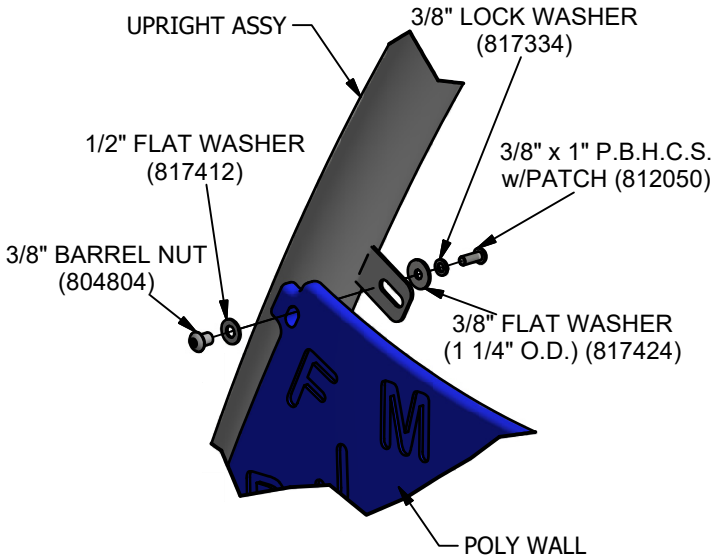


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
SWINGS	
3 1/2" [8.89 cm]	2'-0" [60.96 cm]

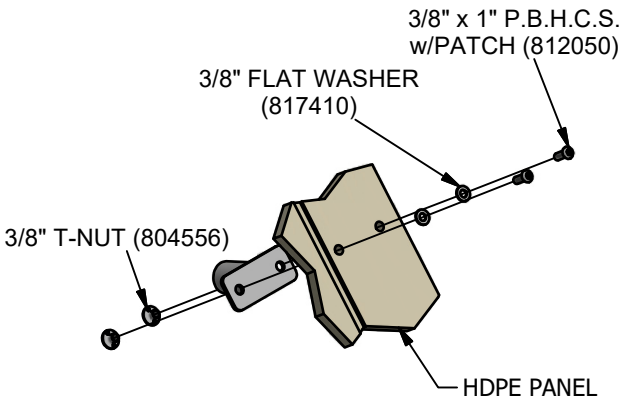
NOTES:
-SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1
-SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

003

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



061



150

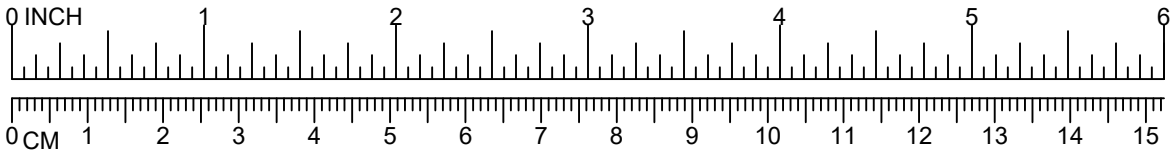
DETAILS -for-
36058

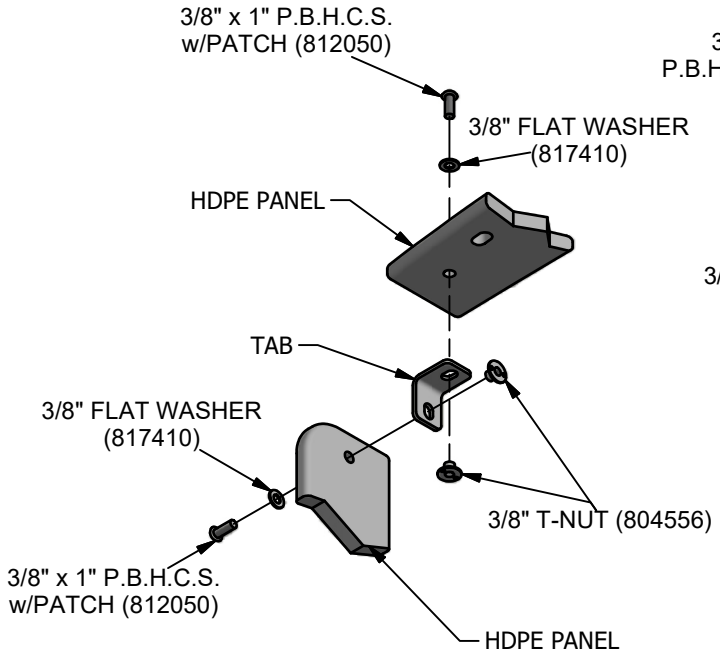
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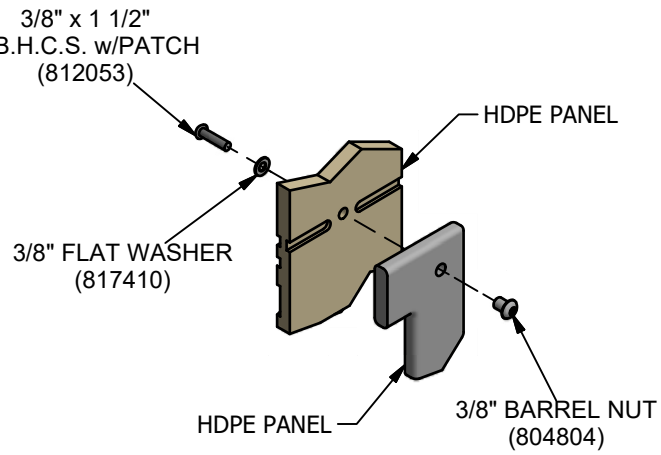
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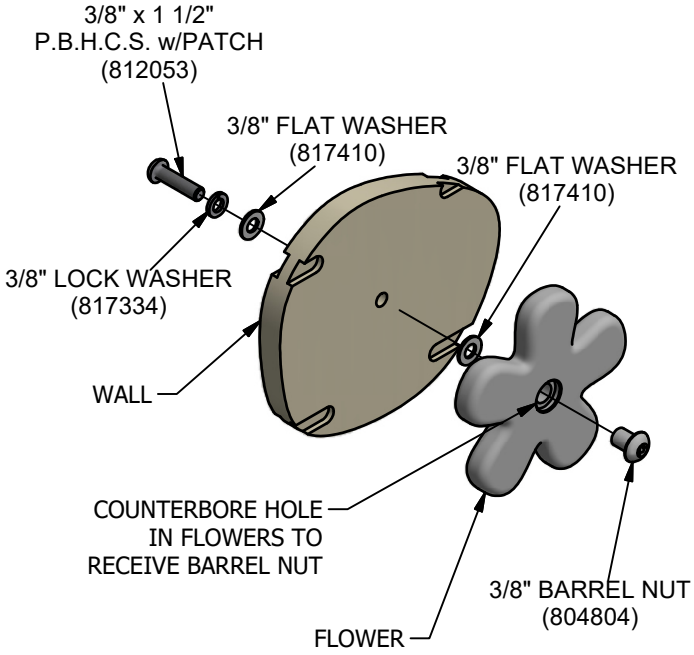




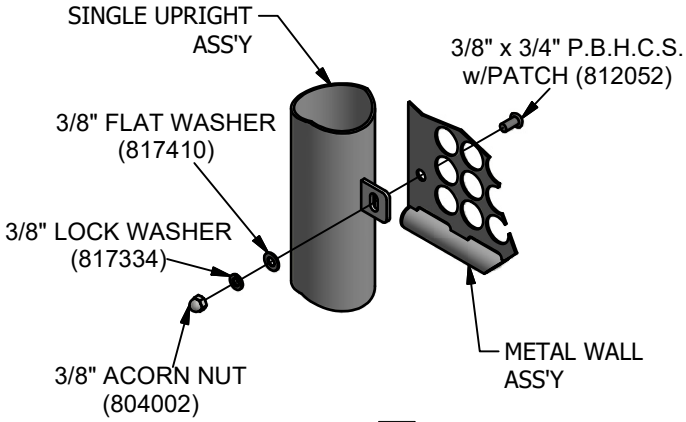
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163

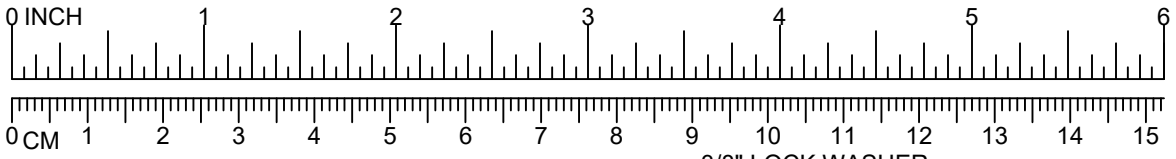
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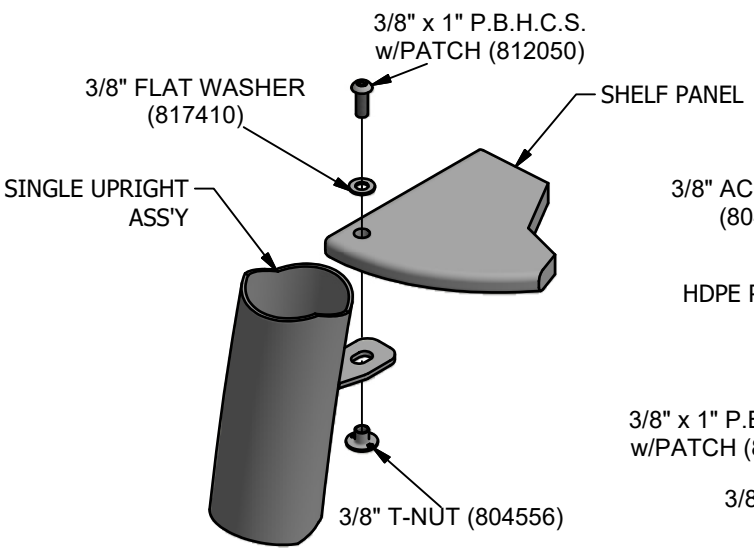
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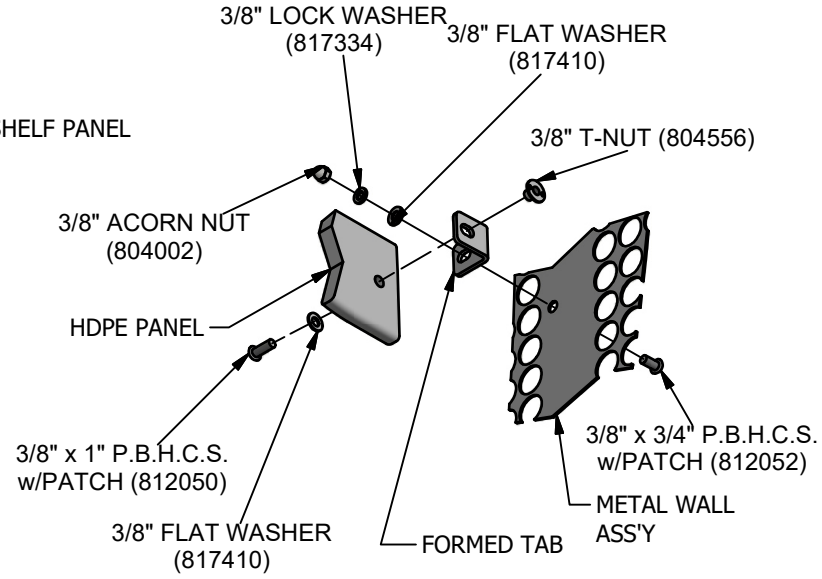
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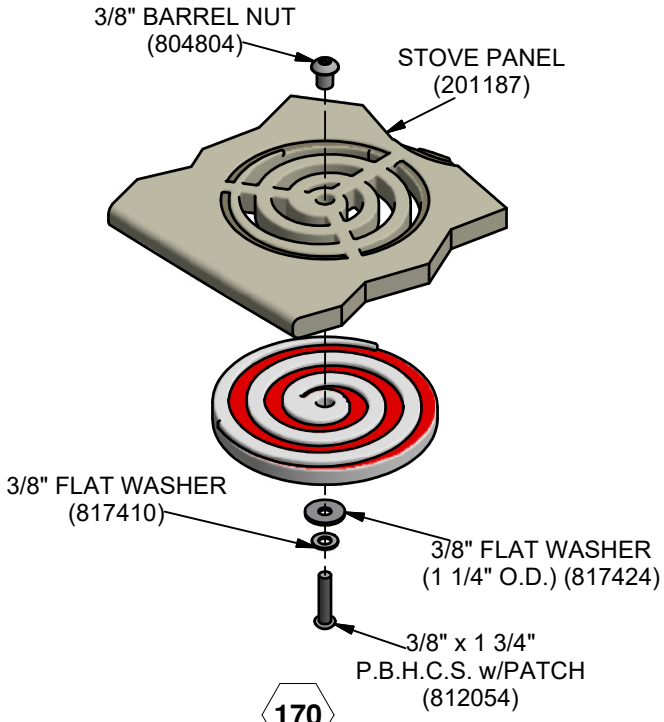




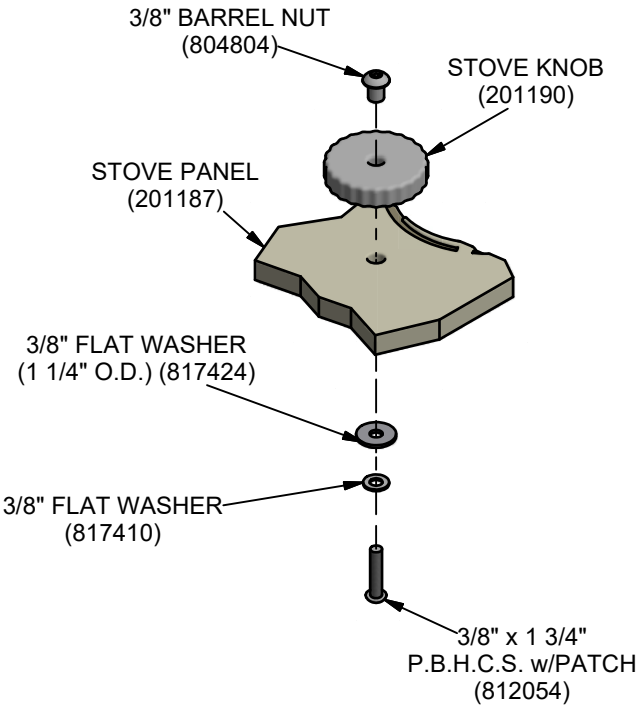
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168



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171

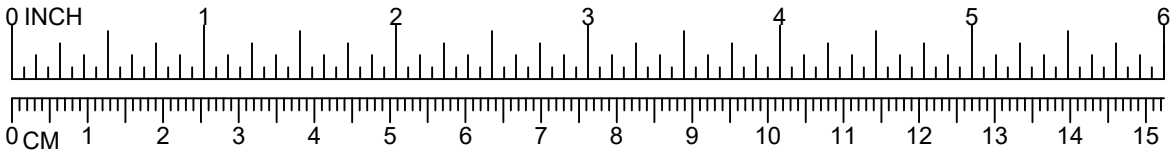
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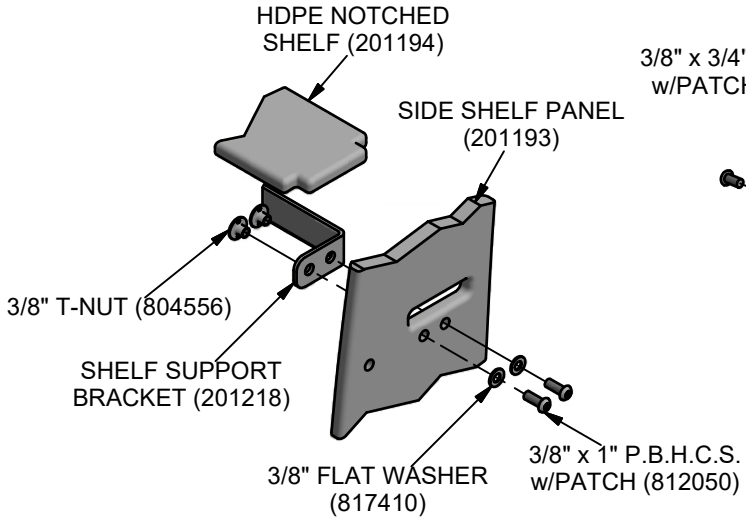
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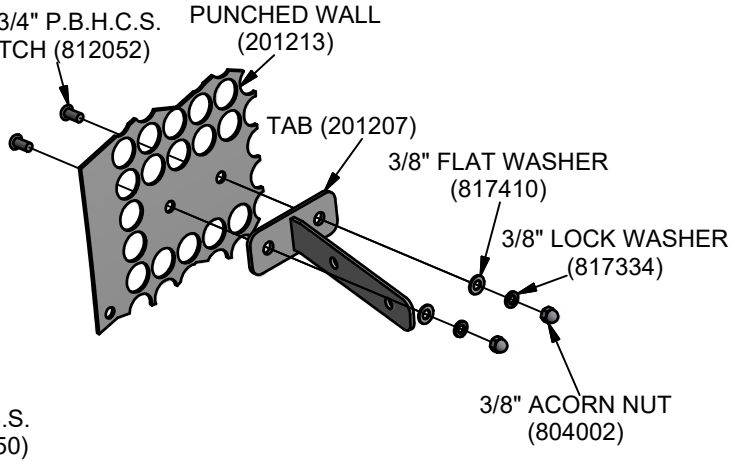
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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

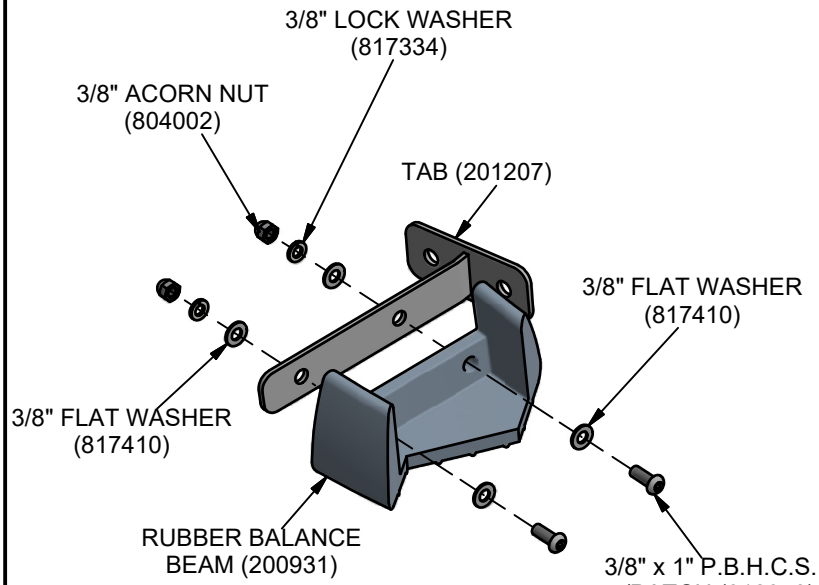




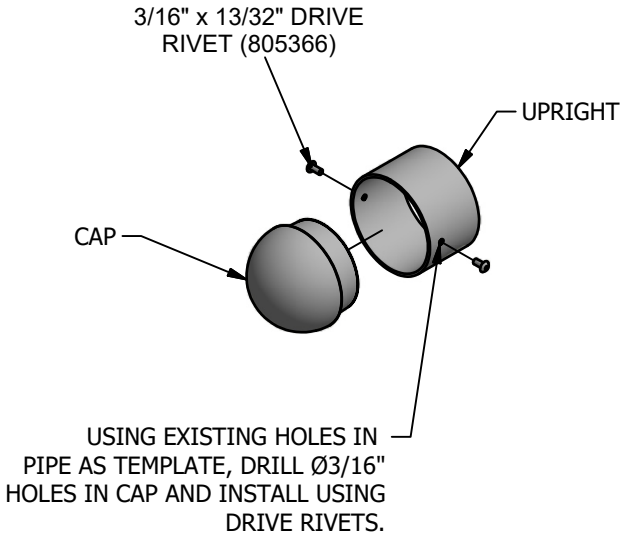
172



173



174



597

TOT STUFF

GameTime
A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 3/19/13

39012 TOT'S LEAF

TOT'S TURTLE 39013
TOT'S SPIDER 39014

= INSTALLATION DETAIL

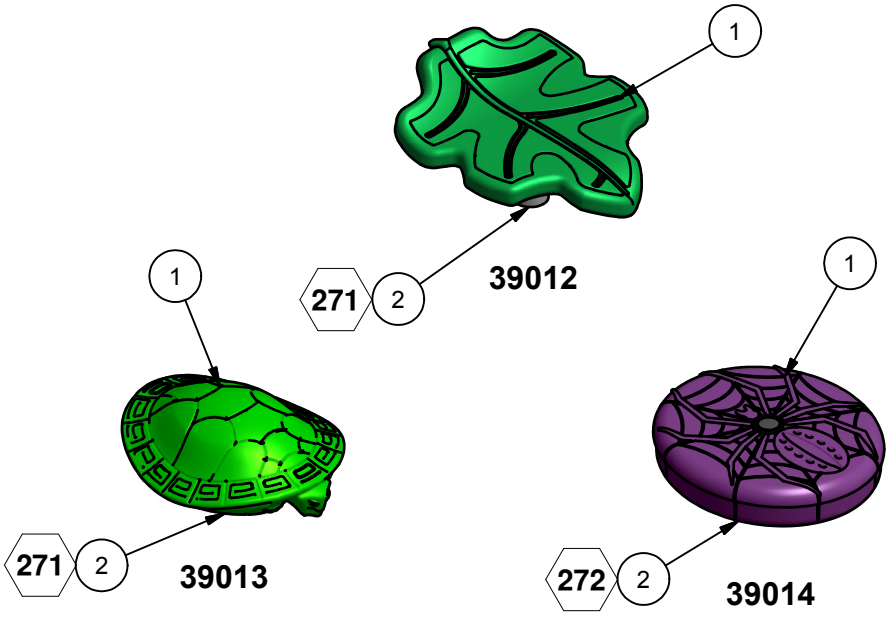
= PARTS LIST REFERENCE



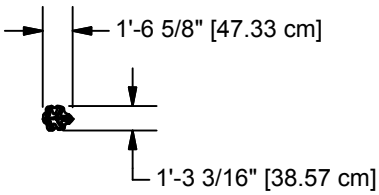
INSTRUCTIONS

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

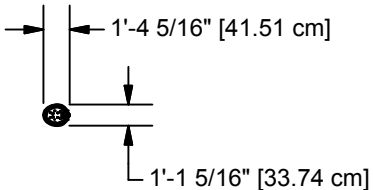
NOTE: After installation, the seat height should be per Seat Height Chart.



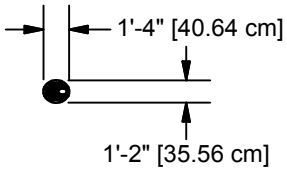
ASSEMBLY VIEWS



39012



39013



39014

TOP VIEWS

SPECIFICATIONS

LEAF, TURTLE, & SPIDER SEAT, : Shall be rotational molded from polyethylene. The polyethylene shall be linear low-density material with UV-stabilized color and an anti-static compound additive. All rotational 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-155); Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM D-790); Heat Distortion (ASTM-648); Low Temperature Impact (ARM-STD).

FOOTBUCK: Shall be an all welded assembly constructed of 2" SCH 40 galvanized steel pipe and1/4" thick H.R. steel plate.

SPACER: Shall be fabricated from 1 7/8" O.D. x .095" (13 gauge) wall galvanized steel tubing.

PLUG: Shall be fabricated of black butyl rubber with a durometer of 60.

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

HARDWARE: All nuts, bolts, screws, inserts, and lock washers 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.

Parts List					
ITEM	DESCRIPTION	39012	39013	39014	PART NUMBER
1	LEAF	1	0	0	201413
1	TURTLE	0	1	0	201516
1	SPIDER	0	0	1	201416
2	FOOTBUCK	1	0	0	202417
2	FOOTBUCK	0	1	0	202606
2	FOOTBUCK	0	0	1	202423
	HARDWARE COMPLETE	1	1	0	202419
	HARDWARE COMPLETE	0	0	1	202420
	6-23 MONTH AGE LABEL	1	1	1	202617*
	PLUG TOP	0	0	1	176441*
	3/8" x 1 1/4" B.H.C.S.	4	4	4	811051*
	3/8" LOCKWASHER	4	4	4	817334*
	3/8" FLAT WASHER	4	4	4	817410*
	1/2" ANCHOR ROD	1	1	1	135038*

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

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

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



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.

☐ 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.

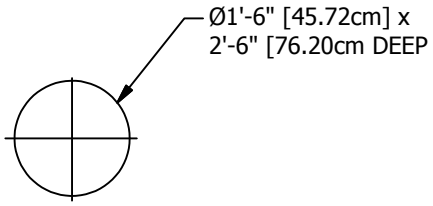
☐ Regular checking of all parts, castings, etc., should be made. If a part is broken or worn it should be replaced immediately.

☐ Check for loose spring castings and tighten.

☐ A soft, resilient surface should be placed under all equipment, extending at least six feet in all directions surrounding the equipment. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT.

SEAT HEIGHT CHART	
39012	0'-6 1/2"
39013	0'-6"
39014	0'-6 1/2"

Concrete Required:
.10 Cubic Yards
[.07 Cubic Meters]



GROUND PLAN

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

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

NOTE:

SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

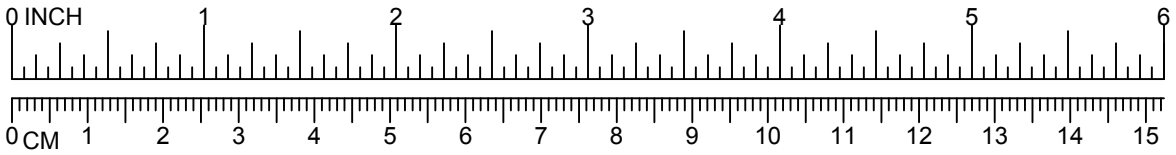
DETAILS -for-
39012, 39013, & 39014

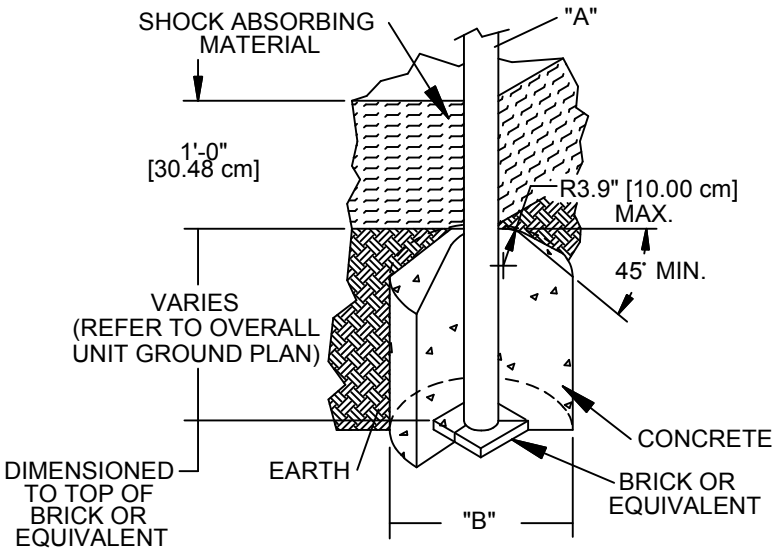
IMPORTANT

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.



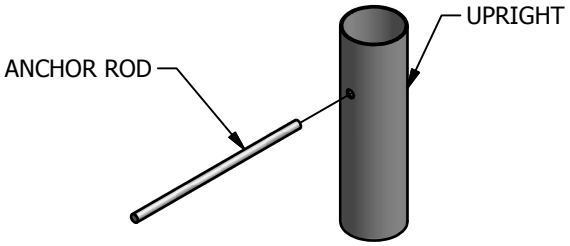


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/4" [3.18 cm]	1'-2" [35.56 cm]
1 1/2" [3.81 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]

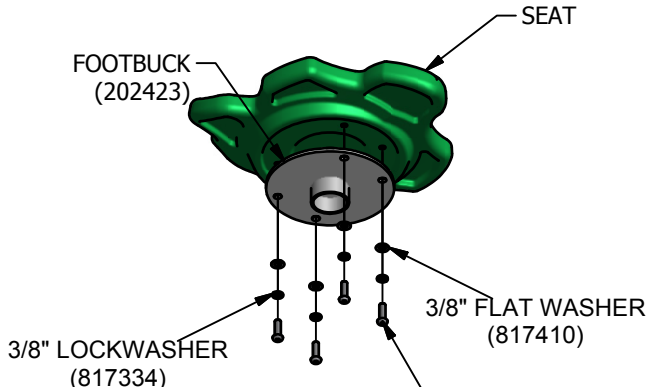
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

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

003



232



271

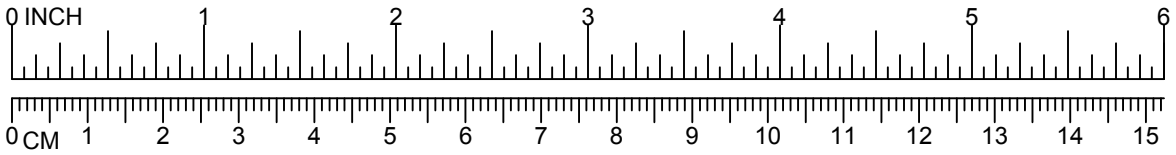
DETAILS -for-
39012, 39013, & 39014

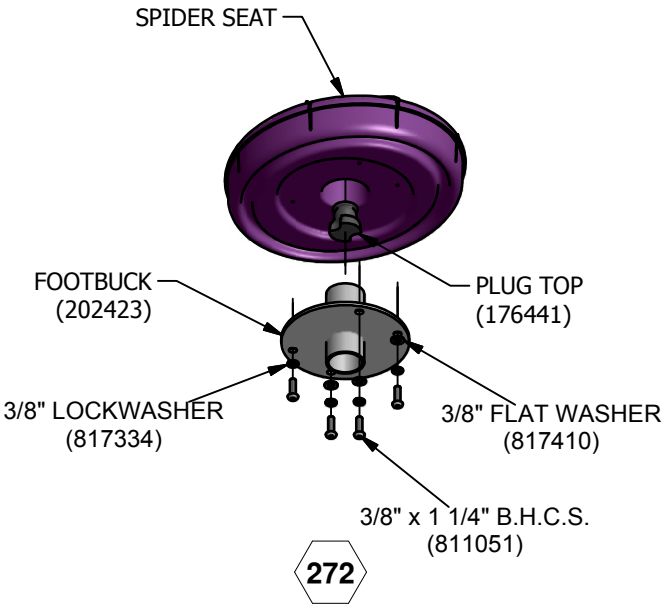
IMPORTANT

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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.





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ISSUED/REVISED: 3/24/10

80000
DECKS

⬡ = INSTALLATION DETAIL

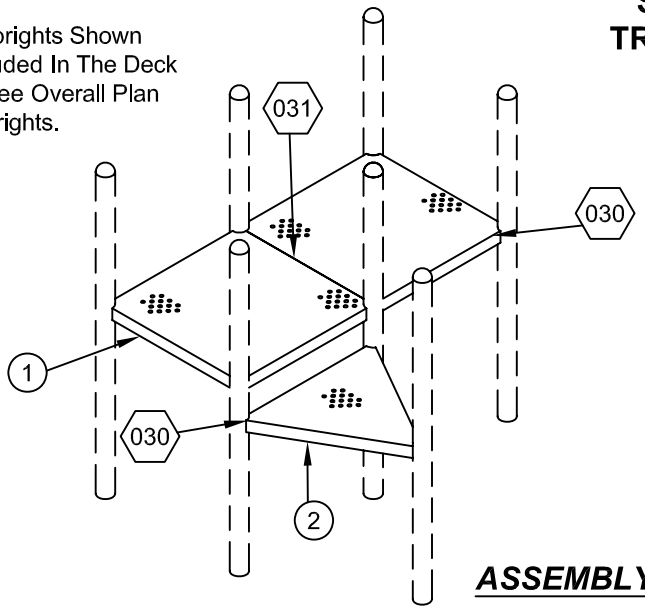
◯ = PARTS LIST REFERENCE

SQUARE 80000
TRIANGLE 80001

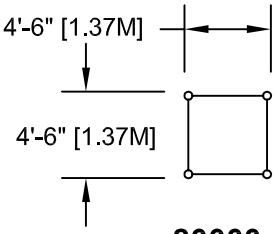
Note: The Uprights Shown Are Not Included In The Deck Packages. See Overall Plan View For Uprights.

INSTALLATION INSTRUCTIONS

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

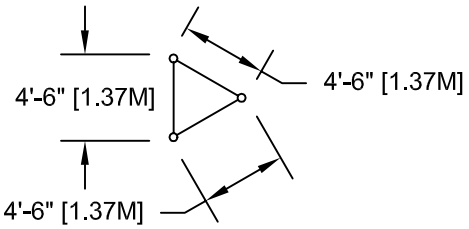


ASSEMBLY DRAWING



80000

TOP VIEWS



80001

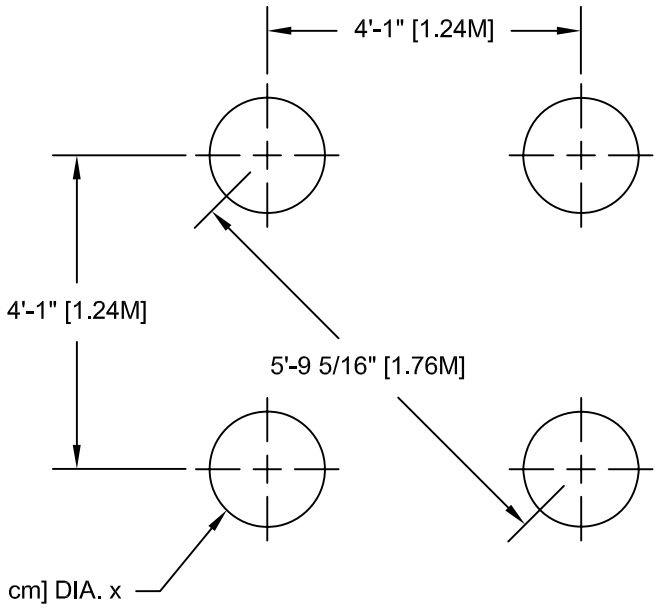
PARTS LIST

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

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

PlayCore™ Moving play forward.℠

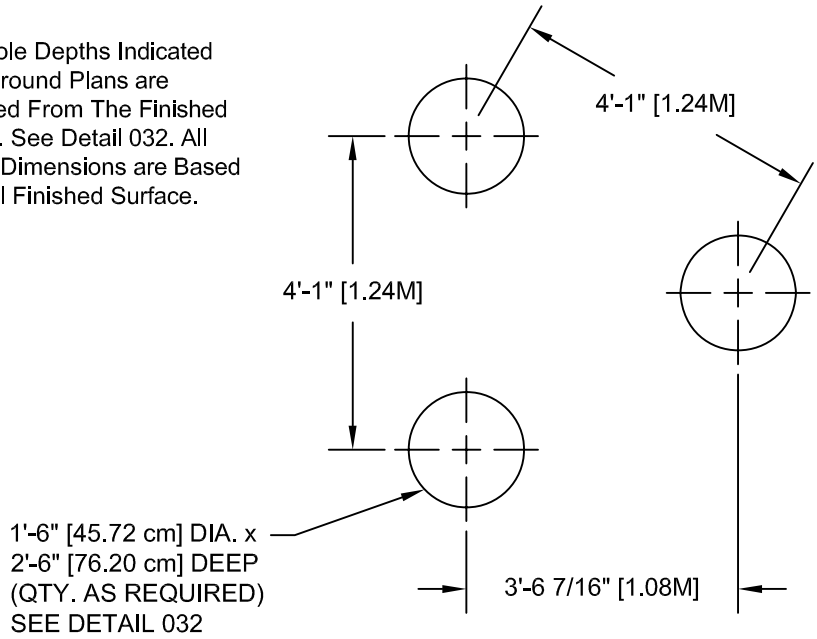
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.



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.



80001

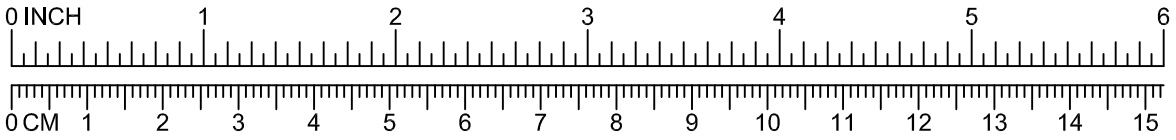
GROUND PLANS

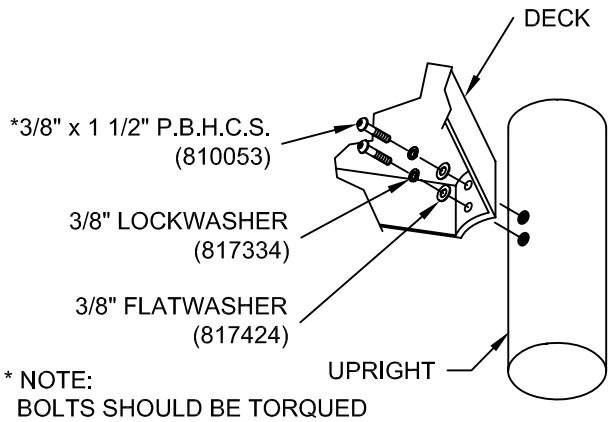
DETAILS -for- 80000 & 80001

IMPORTANT

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

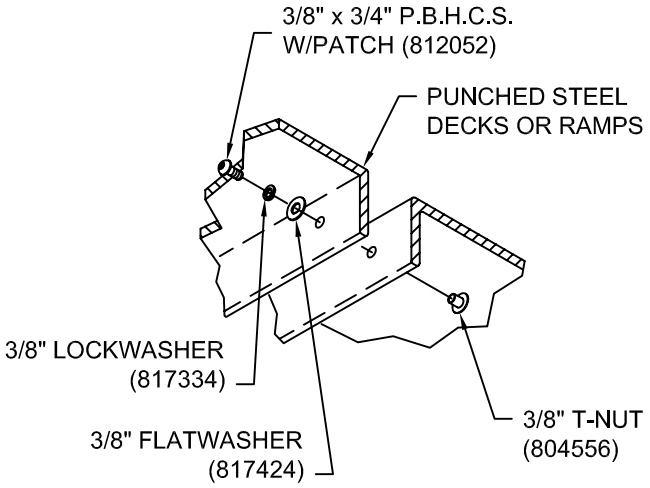




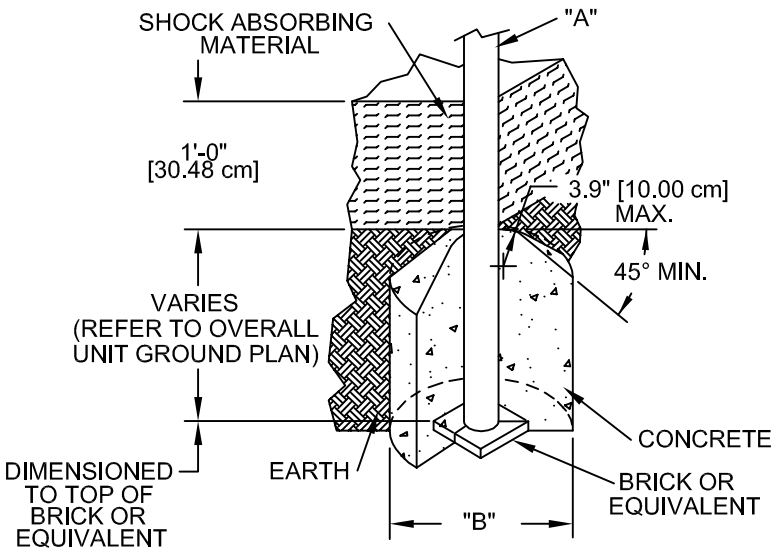
* NOTE:
BOLTS SHOULD BE TORQUED FROM 20-25 FT. LBS. FOR PROPER INSTALLATION.

* 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.

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ISSUED/REVISED: 09/01/2021

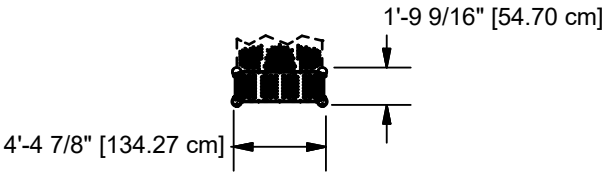
80082 SLIDE TRANSFER PLATFORM

⬡ = INSTALLATION DETAIL

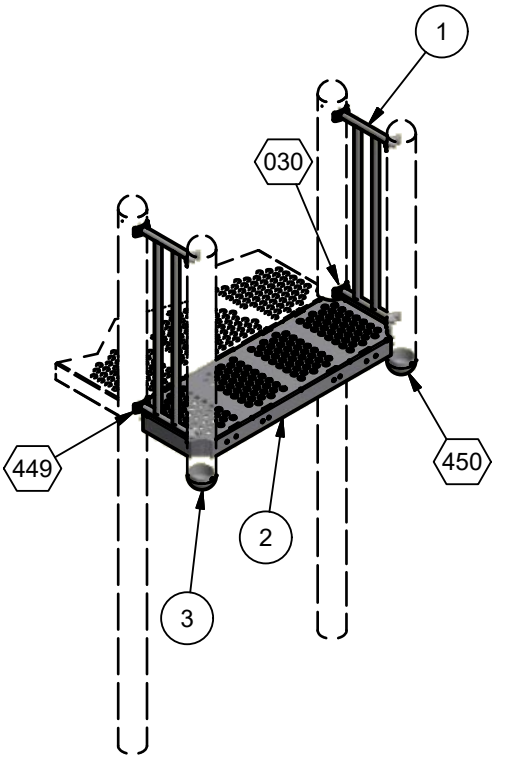
◯ = PARTS LIST REFERENCE

INSTALLATION INSTRUCTIONS

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



TOP VIEW



ASSEMBLY DRAWING

Parts List			
ITEM	DESCRIPTION	QTY	PART NUMBER
1	HANDRAIL	2	176344
2	PLATFORM	1	176330
3	ALUMINUM END CAP	2	166376
	*********HARDWARE COMPLETE**********	1	200649
	3/8" x 1 1/2" P.B.H.C.S.	8	810053
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	16	812053
	3/8" FLAT WASHER (1 1/4" O.D.)	8	817424
	3/8" LOCK WASHER	24	817334
	SELF SEALING POP-RIVET	4	140068
	3/8" FLAT WASHER	16	817410

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

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

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

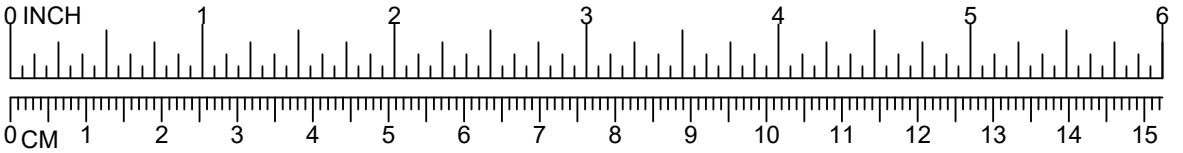
DETAILS -for-
80082

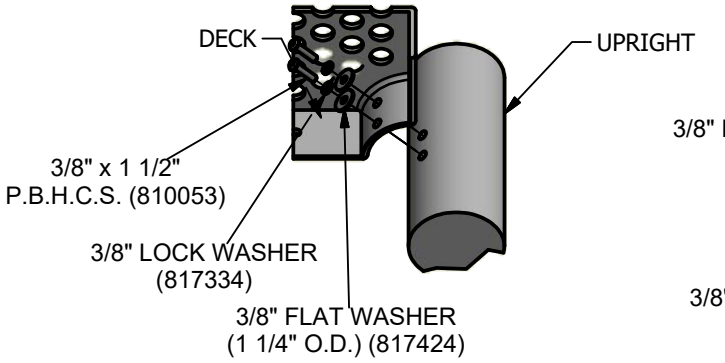
IMPORTANT

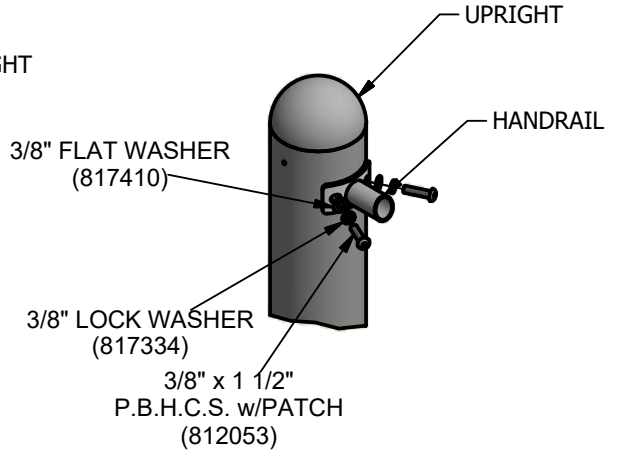
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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

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





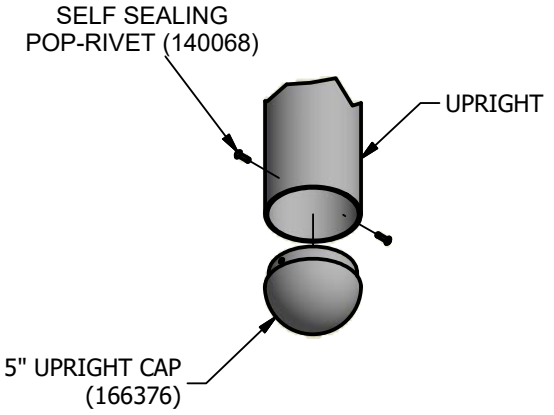


*NOTE:
BOLTS SHOULD BE TORQUED FROM 20-25 FT. LBS. FOR PROPER INSTALLATION.

030

449

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



450

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ISSUED/REVISED: 08/29/12

80601 ENTRANCE BARRIERS

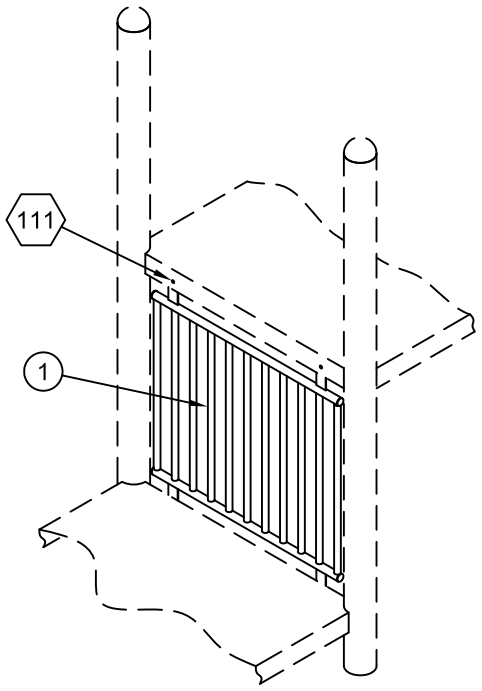
1'-6"	80601
2'	80602
2'-6"	80603
3'	80604
3'-6"	80605

⬡ = INSTALLATION DETAIL

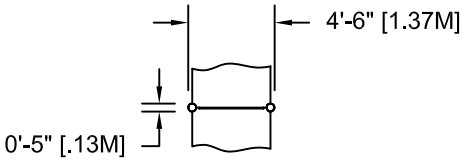
◯ = PARTS LIST REFERENCE

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.



ASSEMBLY DRAWING



TOP VIEW

PARTS LIST

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

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

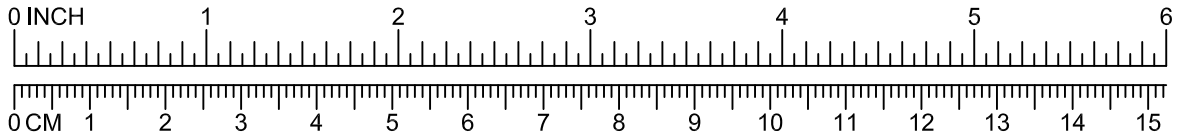
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Loctite (supplied by others) should be used on all threaded hardware.

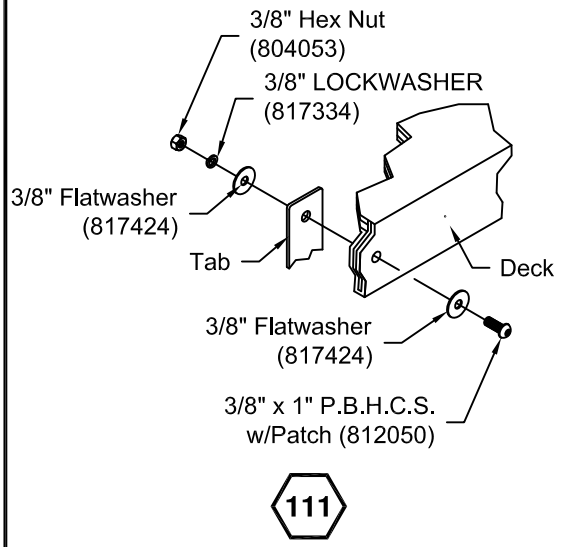
DETAILS -for-
80601,80602,80603,80604 & 80605

IMPORTANT

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

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





111

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ISSUED/REVISED: 05/12/2023

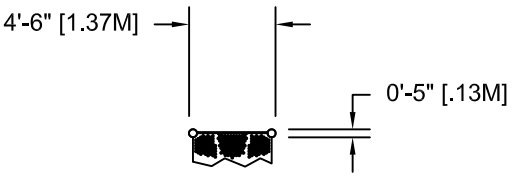
80612
DECK CURB

⬡ = INSTALLATION DETAIL

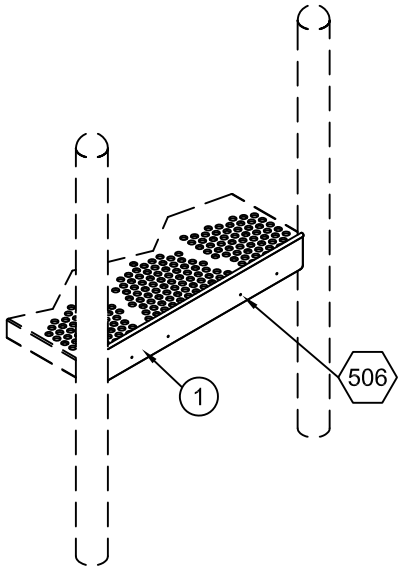
◯ = PARTS LIST REFERENCE

INSTALLATION INSTRUCTIONS

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



TOP VIEW



ASSEMBLY DRAWING

PARTS LIST

REF NO.	DESCRIPTION	No. REQ'D	PART NUMBER
1	Deck Curb	1	178172
	Hardware Complete	1	178177
	3/8" x 3/4" B.H.C.S. w/Patch	4	812052*
	3/8" Flatwasher	4	817424*
	3/8" Tee-Nut (Spanner)	4	804556*
	3/8" Lockwasher	4	817334*
	1/2" Flatwasher	4	817412*

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

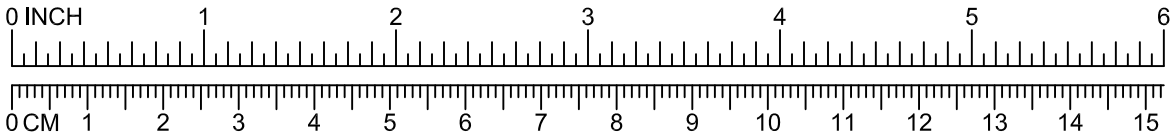
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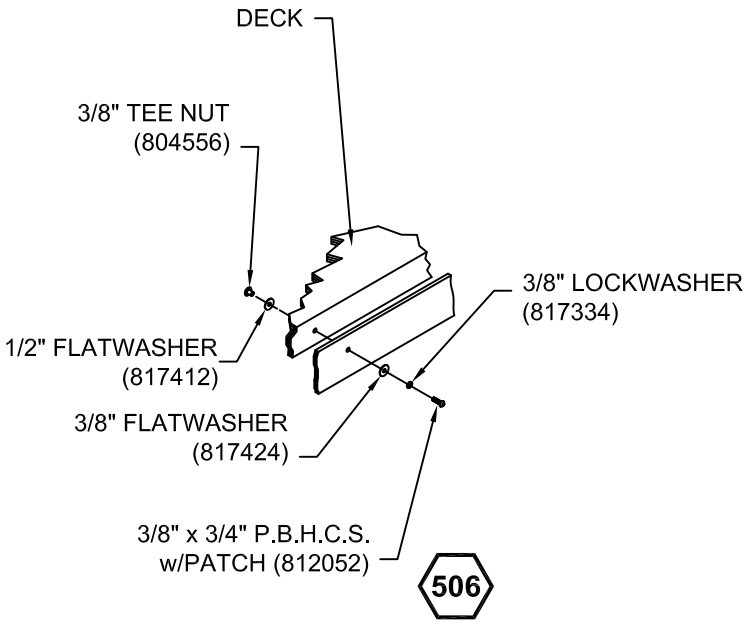
DETAILS -for-
80612

IMPORTANT

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





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ISSUED/REVISED: 02/02/16

80686
HANDHOLD KICK PLATE PKG.

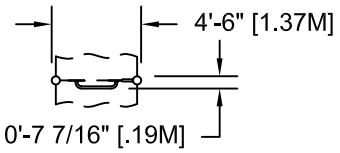
⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

INSTALLATION INSTRUCTIONS

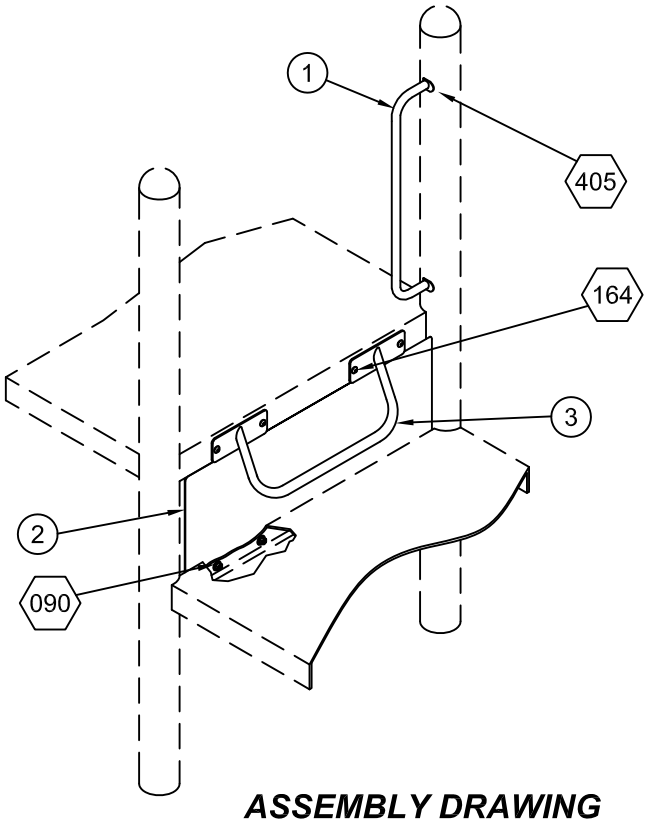
Note: Assemble parts as shown in the Assembly Drawing. Refer to the assembly details for the specific hardware required in each connection.

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



TOP VIEW

NOTE: 1'-6" PLATFORM INCREMENT



ASSEMBLY DRAWING

PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D.	PART NUMBER
1	Handhold Ass'y	1	211395
2	Filler/Kick Plate	1	151093
3	Step Down Rung	1	151088
	Hardware Complete	1	177010
	3/8" Lockwasher	12	817334*
	3/8" Flatwasher	4	817410*
	3/8" x 3/4" P.B.H.C.S. w/Patch	4	812052*
	3/8" Flatwasher (1 1/4" O.D.)	4	817424*
	3/8" Hex Nut	4	804053*
	3/8" Tee Nut	4	804556*
	3/8" x 1 1/4" P.B.H.C.S. w/Patch	8	812051*
	1/2" Flatwasher	4	817412*

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

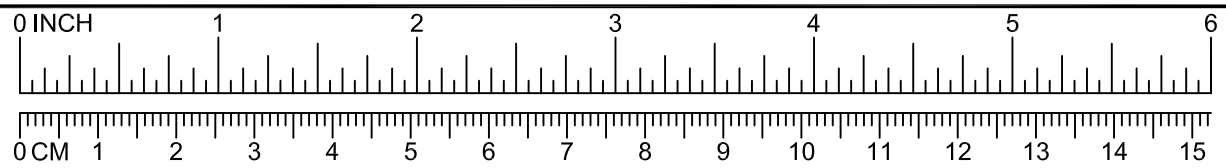
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Loctite (supplied by others) should be used on all threaded hardware.

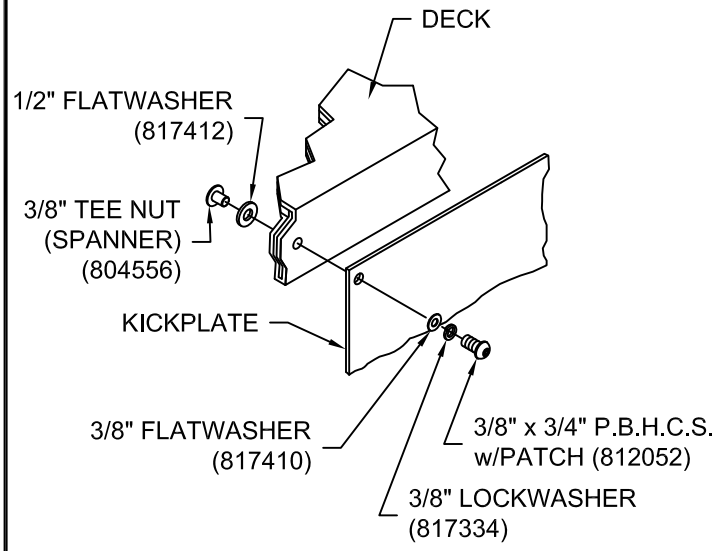
DETAILS -for-
80686

IMPORTANT

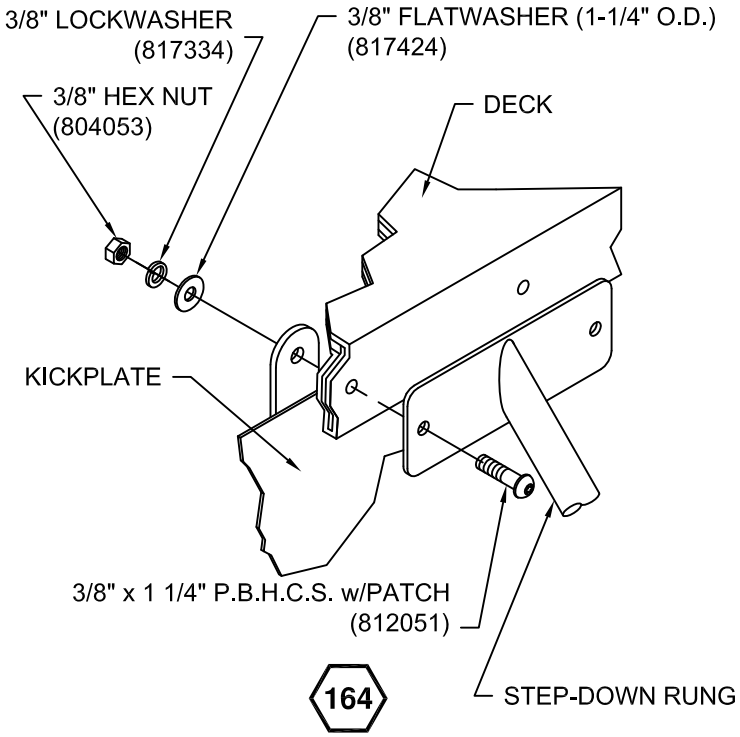
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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

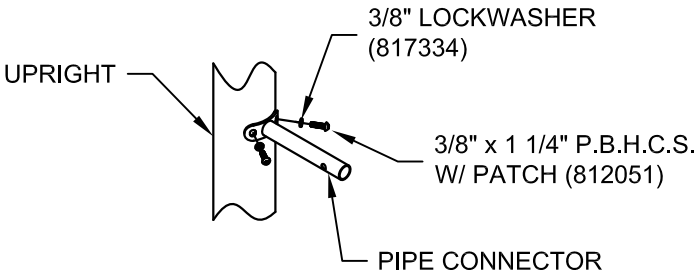




090



164



405

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ISSUED/REVISED: 2/2/16

80689
HANDHOLD PACKAGE

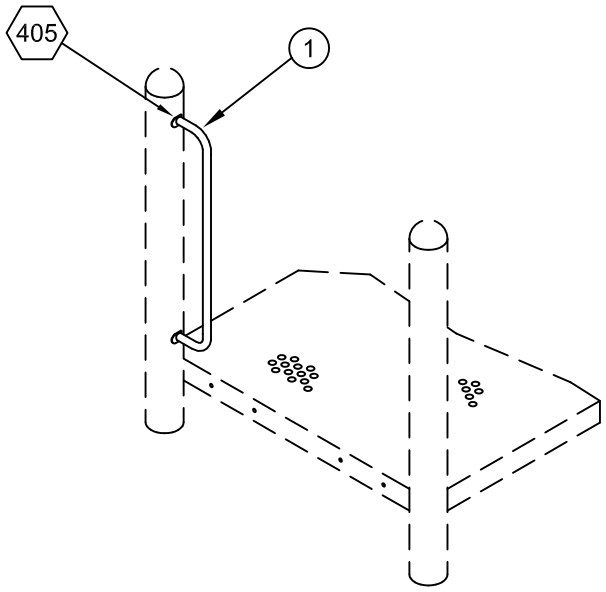
⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

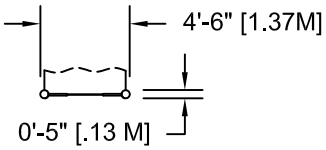
INSTALLATION INSTRUCTIONS

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.



ASSEMBLY DRAWING



TOP VIEW

PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D.	PART NUMBER
1	Handhold Ass'y	1	211395
	Hardware Complete	1	177005
	3/8" x 1 1/4" Hex Head Bolt	4	812051*
	3/8" Lockwasher	4	817334*

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

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

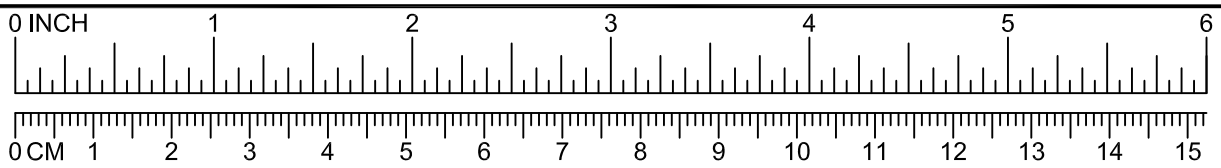
Note: Loctite (supplied by others) should be used on all threaded hardware.

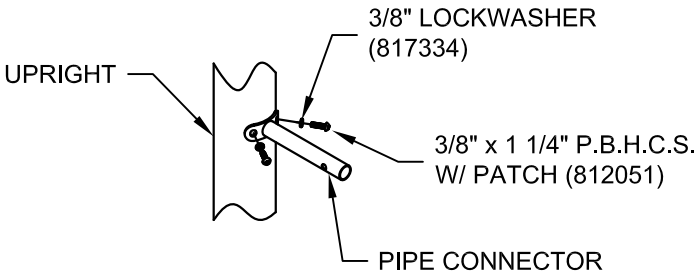
DETAILS -for-
80689

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.





405

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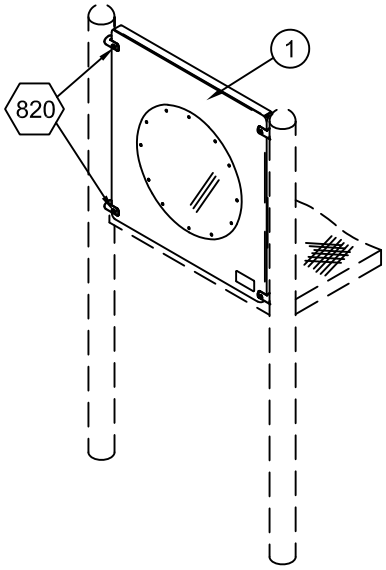
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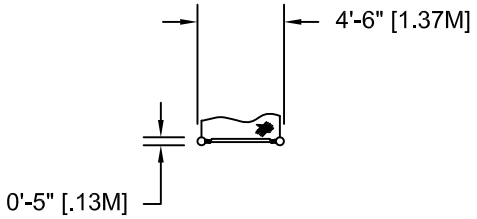
ISSUED/REVISED: 04/12/2021

80833
ROUND MIRROR PANEL

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE





TOP VIEW

INSTALLATION INSTRUCTIONS

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

ASSEMBLY DRAWING

PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D.	PART NUMBER
1	Round Mirror Panel Ass'y	1	159192
	Panel Attachment Tru-Lock	4	W03861
	Hardware Complete	1	165096
	3/8" x 1 3/4" P.B.H.C.S. w/Patch	4	812054*
	3/8" Lockwasher	8	817334*
	3/8" x 1 3/4" Hex Head Bolt	4	801006*
	3/8" Flatwasher	4	817410*
	3/8" Tee Nut	4	804556*
	1/2" Flatwasher	4	817412*

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

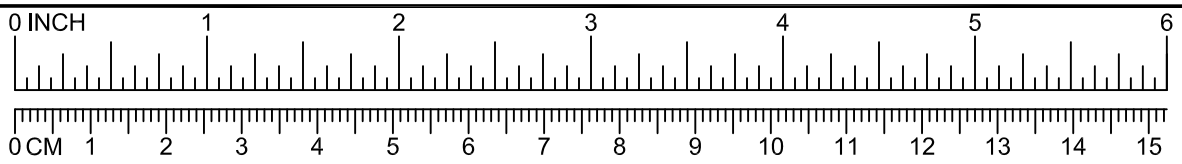
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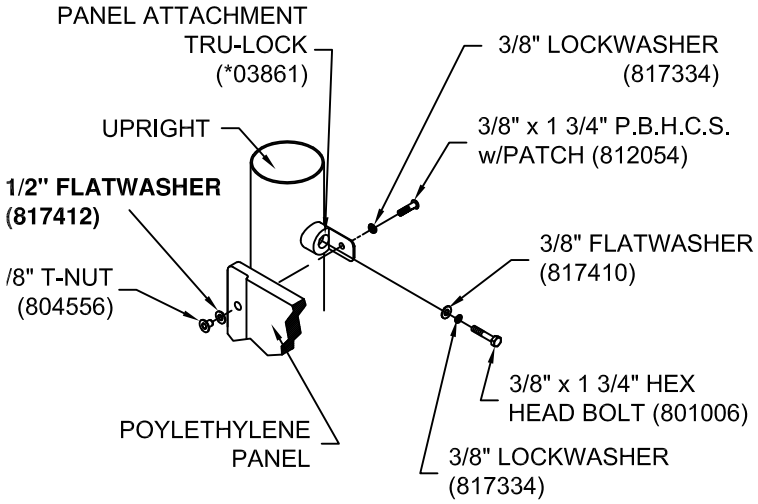
DETAILS -for-
80833

IMPORTANT

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

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





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

820

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

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ISSUED/REVISED: 1/13/21

80931 SINGLE GIZMO PANEL

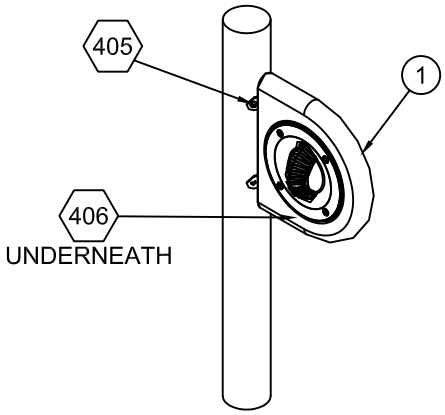
FOR GIZMOS SEE INSTALLATION SHEET 4956

⬡ = INSTALLATION DETAIL

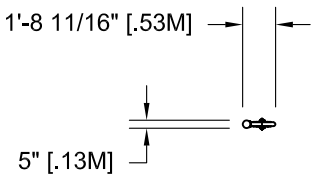
◯ = PARTS LIST REFERENCE

INSTALLATION INSTRUCTIONS

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



ASSEMBLY DRAWING



TOP VIEW

NOTE: OPENING ON PANEL MUST BE FILLED WITH A GIZMO BEFORE PLAYGROUND IS OPERATIONAL.

PARTS LIST

REF NO.	DESCRIPTION	80931	PART NUMBER
1	Single Gizmo Panel	1	169416
	Pipe connector	2	169549
	Hardware Complete	1	169721
	3/8" x 1 3/4" Hex Head Bolt	2	801006*
	3/8" Lockwasher	4	817334*
	3/8" Tee-Nut	2	804556*
	3/8" x 1 1/4" P.B.H.C.S.	4	812051*

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

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

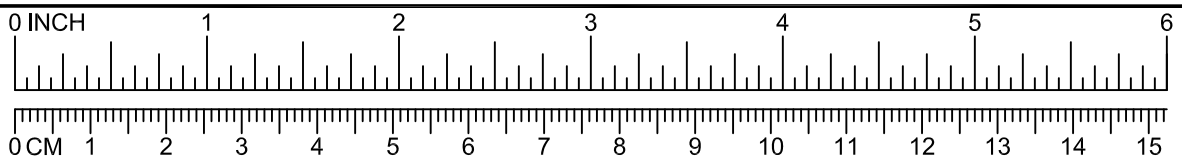
DETAILS -for-
80931

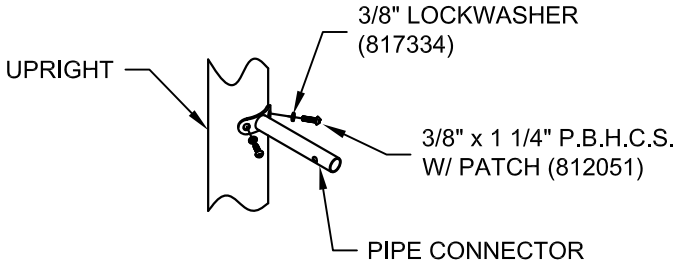
IMPORTANT

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.

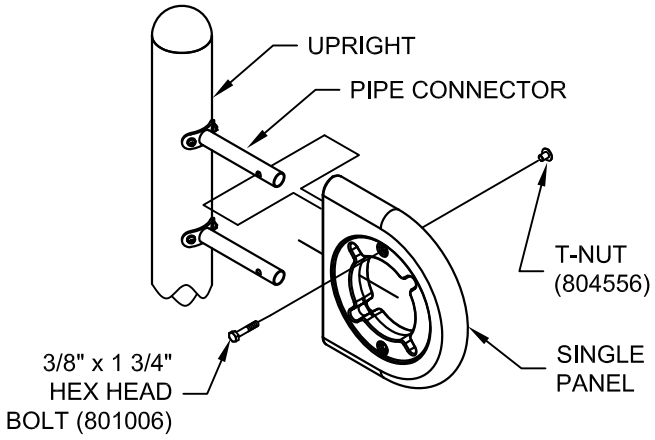
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





405



406

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ISSUED/REVISED: 11/4/19

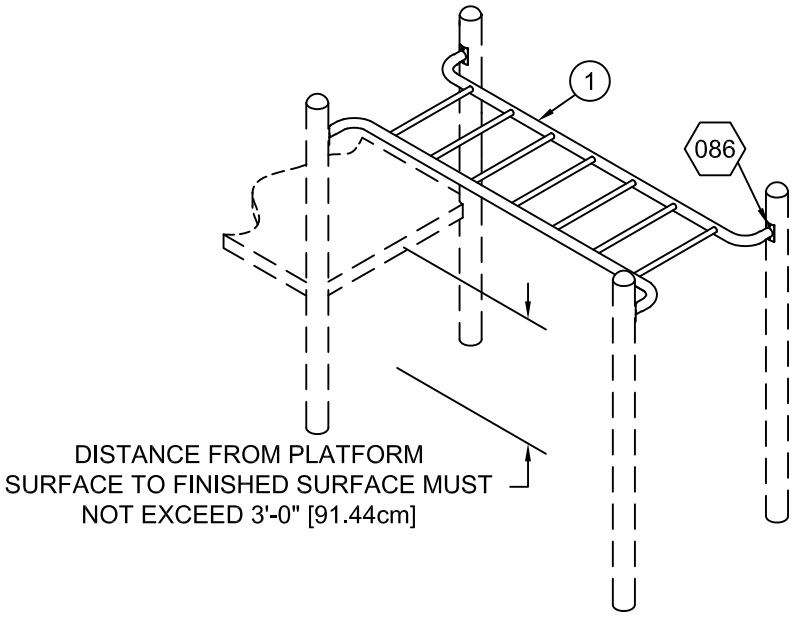
81473
HORIZONTAL LADDER

⬡ = INSTALLATION DETAIL

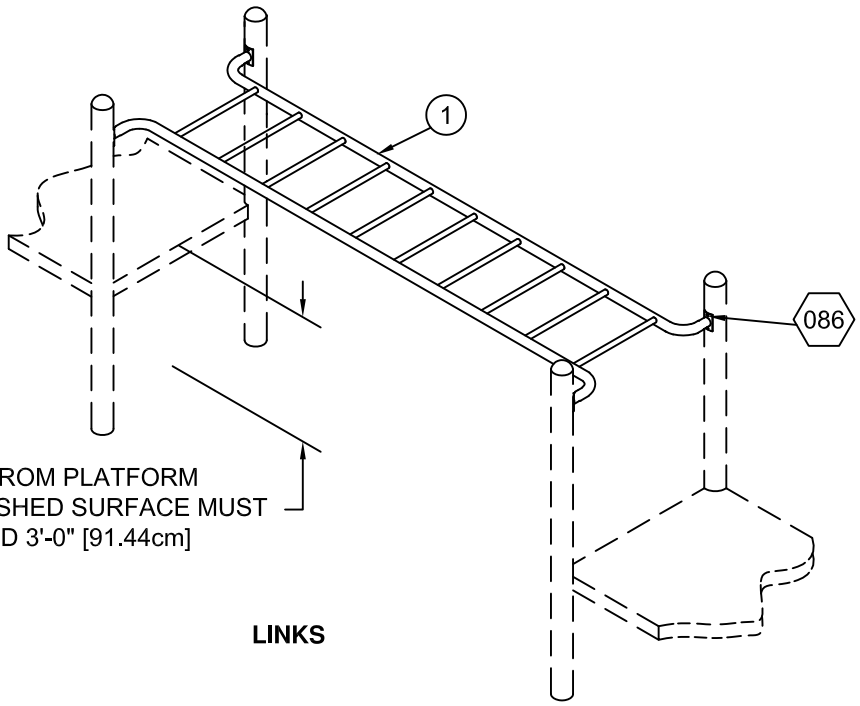
◯ = PARTS LIST REFERENCE



LINK (2 DECK SPAN) 81473
LINK (3 DECK SPAN) 81478



ATTACHMENTS



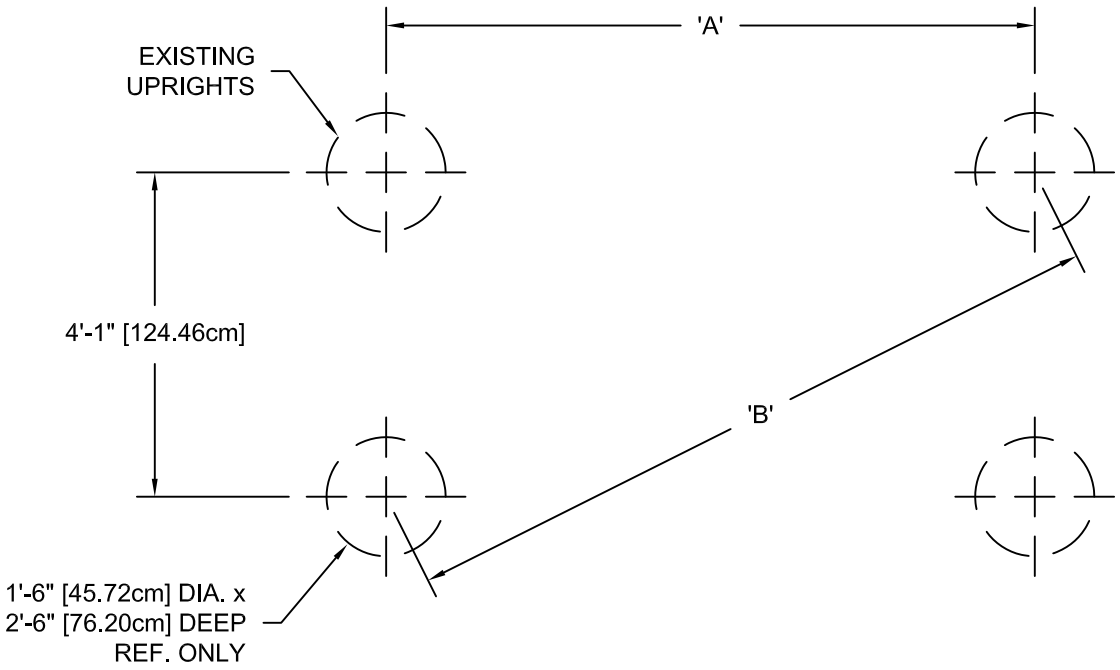
LINKS

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.

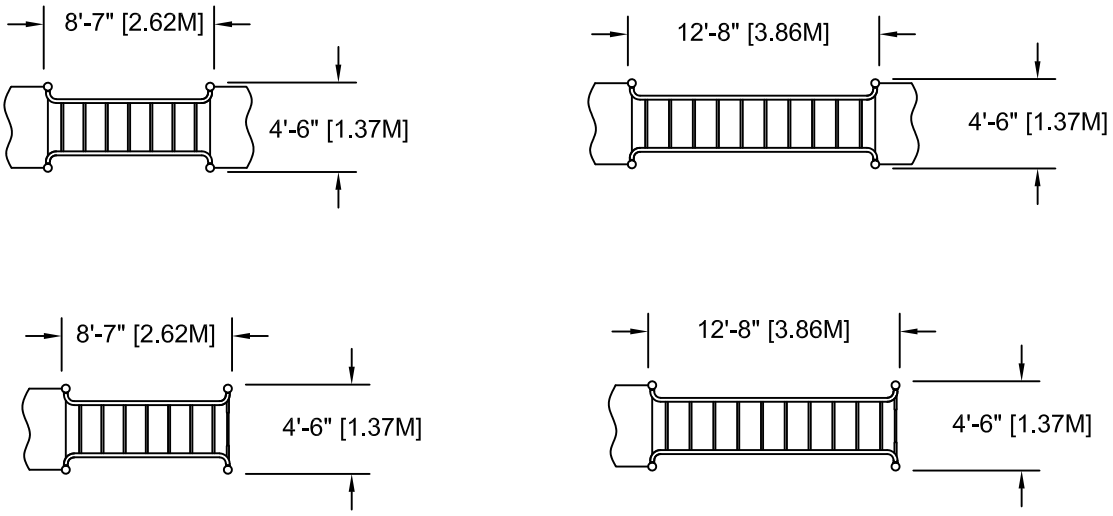
ASSEMBLY DRAWINGS



Link	Dim 'A'	Dim 'B'
81473	8'-2" [248.92cm]	9'-1 9/16" [278.30cm]
81478	12'-3" [373.38cm]	12'-10 15/16" [393.58cm]

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

GROUND PLAN



TOP VIEWS

PARTS LIST

REF NO.	DESCRIPTION	81473	81478	PART NUMBER
1	Horizontal Ladder (98")	1	0	160445
1	Horizontal Ladder (147")	0	1	160487
	Hardware Complete	1	1	164706
	3/8" x 1" P.B.H.C.S. w/Patch	8	8	812050*
	3/8" Lockwasher	8	8	817334*
	3/8" Flatwasher	8	8	817410*

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

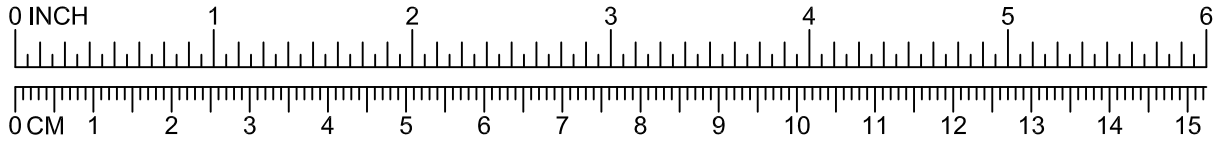
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Loctite (supplied by others) should be used on all threaded hardware.

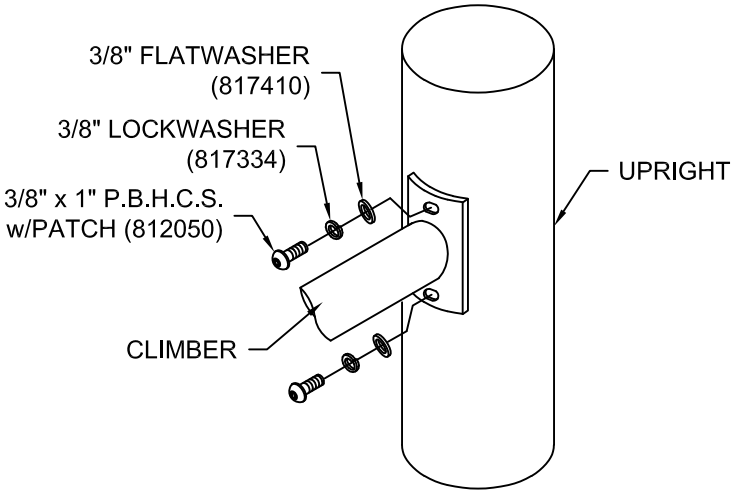
DETAILS -for-
81473 & 81478

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.





086

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ISSUED/REVISED: 11/4/09

81666

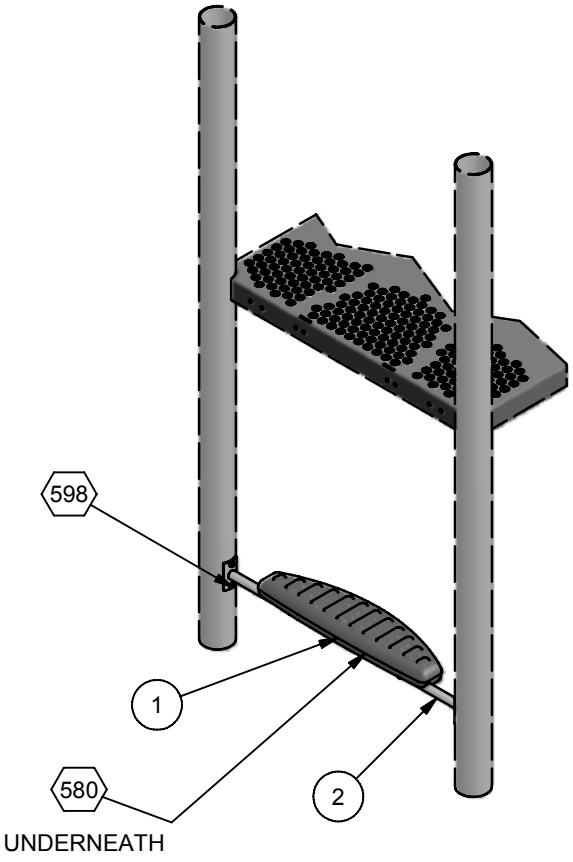
FUN SEAT

⬡ = INSTALLATION DETAIL

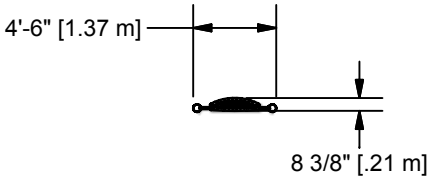
◯ = PARTS LIST REFERENCE

INSTALLATION INSTRUCTIONS

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



ASSEMBLY DRAWING



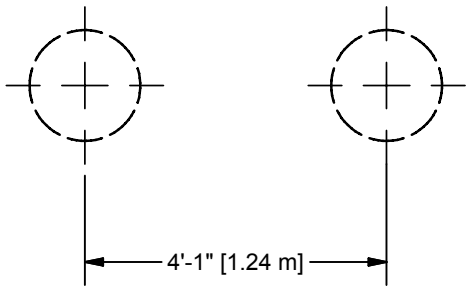
TOP VIEW

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

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

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

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



GROUND PLAN

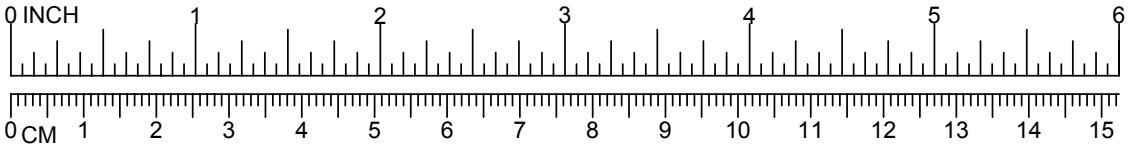
DETAILS -for- 81666

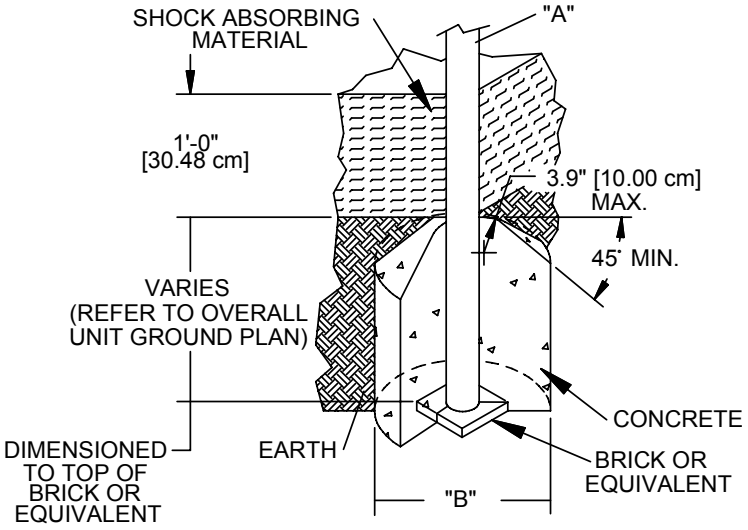
*I*MPORTANT

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

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

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



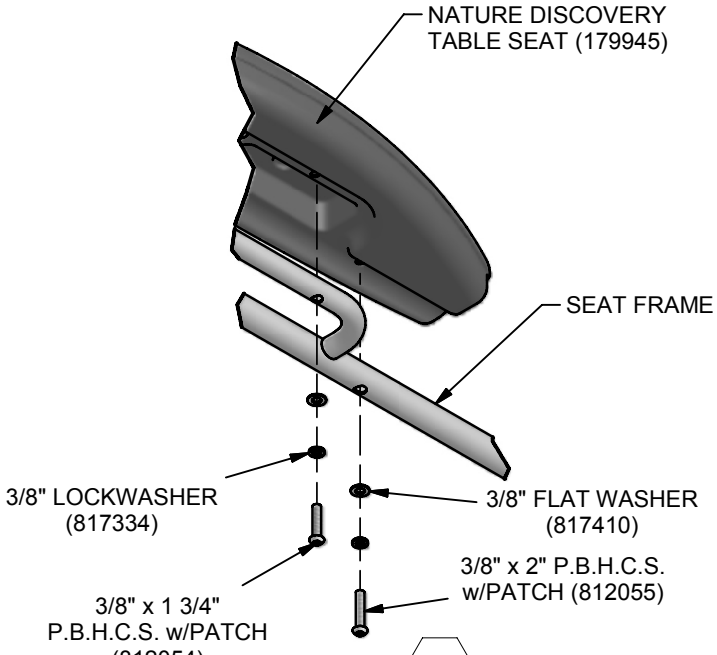


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS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

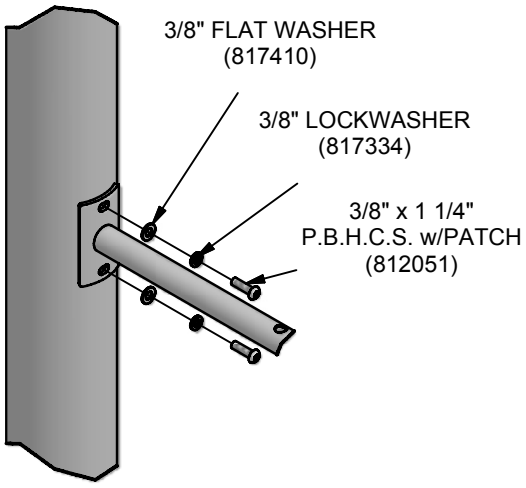
NOTES:
-SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
-SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

032

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



580



598

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ISSUED/REVISED: 9/11/12

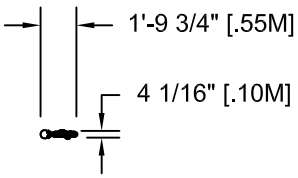
81669
HAND CYCLER

⬡ = INSTALLATION DETAIL

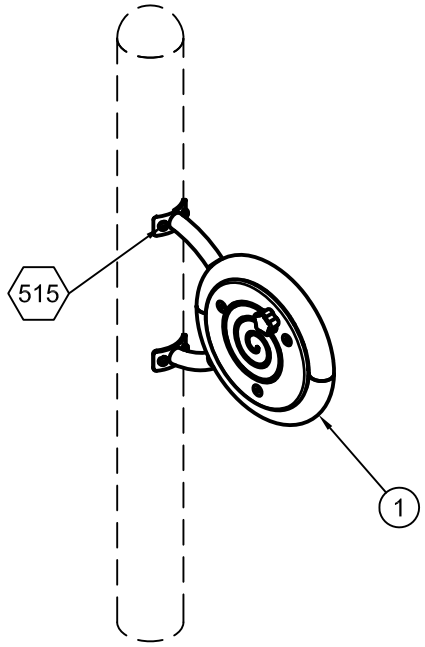
◯ = PARTS LIST REFERENCE

INSTALLATION INSTRUCTIONS

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



TOP VIEW



ASSEMBLY DRAWING

PARTS LIST

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

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

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

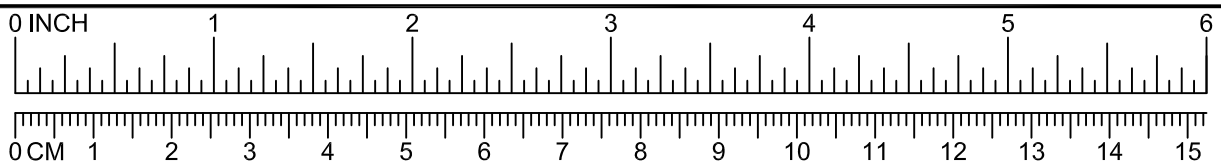
Note: Loctite (supplied by others) should be used on all threaded hardware.

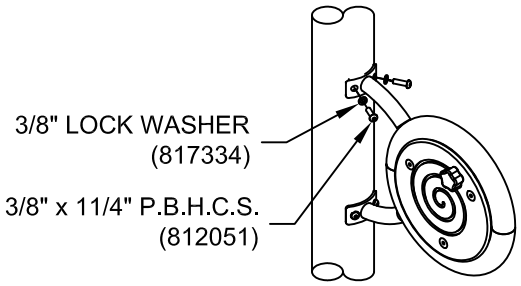
DETAILS -for-
81669

IMPORTANT

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





515

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ISSUED/REVISED: 1/7/21

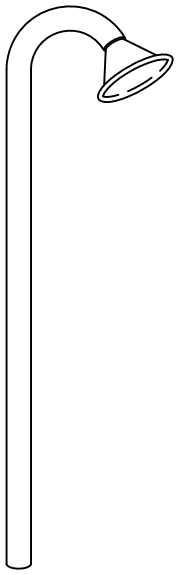
81675
TALK TUBE ATTACHMENTS

⬡ = INSTALLATION DETAIL

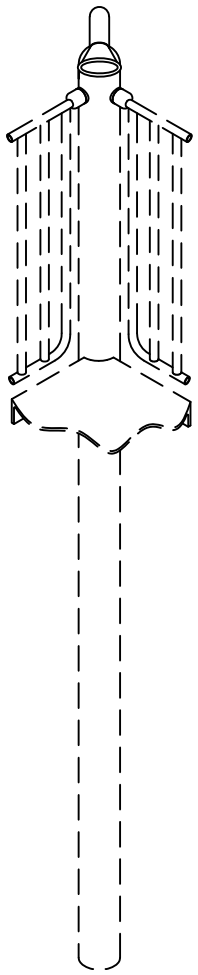
◯ = PARTS LIST REFERENCE

0'-6" THRU 2'-0"	81675
2'-6" THRU 4'-0"	81676
4'-6" THRU 6'-0"	81677
6'-6" THRU 8'-0"	81678
FREESTANDING	81768

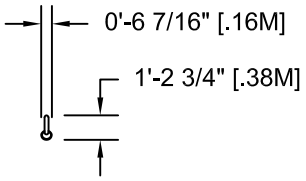




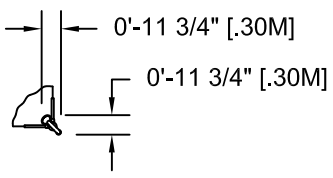
81768



81678 SHOWN



81768



81675-81678

TOP VIEWS

INSTALLATION INSTRUCTIONS

IN-GROUND ASSEMBLY

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

DECK ASSEMBLY

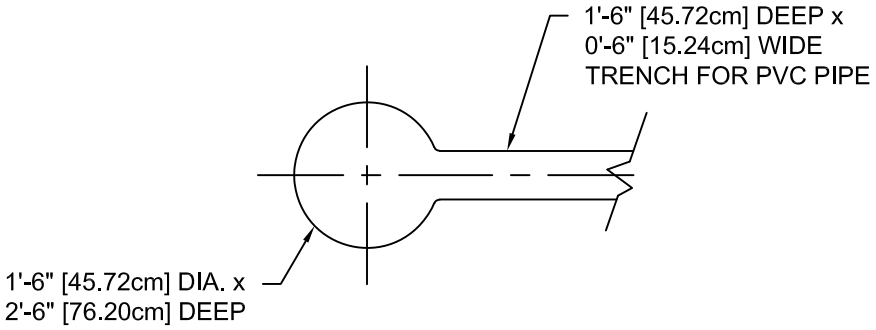
1.Before assembling this equipment, read the enclosed *Installer Instructions* in the installation booklet; follow all instructions during installation.
2. Assemble parts as shown in the *Assembly Drawing*. Refer to the assembly details for the specific hardware required in each connection.
3. Dig 6" wide x 6" deep trench between designated locations for talk tubes.
4. Refer to Pipe Length chart on the *Assembly Drawing* to field cut the non-swaged end of talk tube section to its proper length.
5. Attach Connection Sleeves to Upright. Refer to Detail 436.
6. Slide talk tube section thru Connection Sleeves and attach the talk tube section and 10'-0" lengths of PVC pipe to the 90° PVC elbow using the Fitting Detail.
7. Slide the Funnel Assembly thru connection sleeve. Fit Funnel Assembly over swaged top on Talk Tube Section. Refer to detail 245. ***Note: See Top View for orientation. Funnel Assembly should be positioned directly over top of upright as shown in Assembly Drawing and Top View.***

8. Refer to the Assembly Drawing dimensions of Funnel Assembly in relation to the upright. Attach Funnel Assembly and Talk Tube Section to Connection Sleeves using pop rivets. Refer to detail 435.

9. For Ground level installation attach Funnel Assembly to upright using detail 430. Refer to 90661 Assembly Drawing for proper placement.

***Attention*:** Because sound travels best in a straight line, the pipe and couplings furnished with this product accommodate in-line installation. If your installation requires turns in the pipe, you may purchase the appropriate 1-1/4" PVC couplings at a local hardware or plumbing supply store.

NOTE: NO CONCRETE IS REQUIRED FOR TRENCH, REFER TO *TOP VIEW* IN INSTALLATION MANUAL FOR TRENCH LENGTH. DISTANCE WILL VARY.

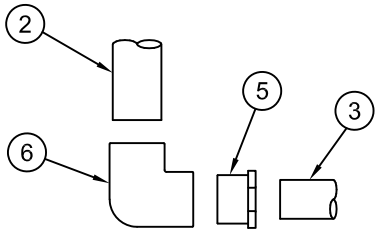


GROUND PLAN

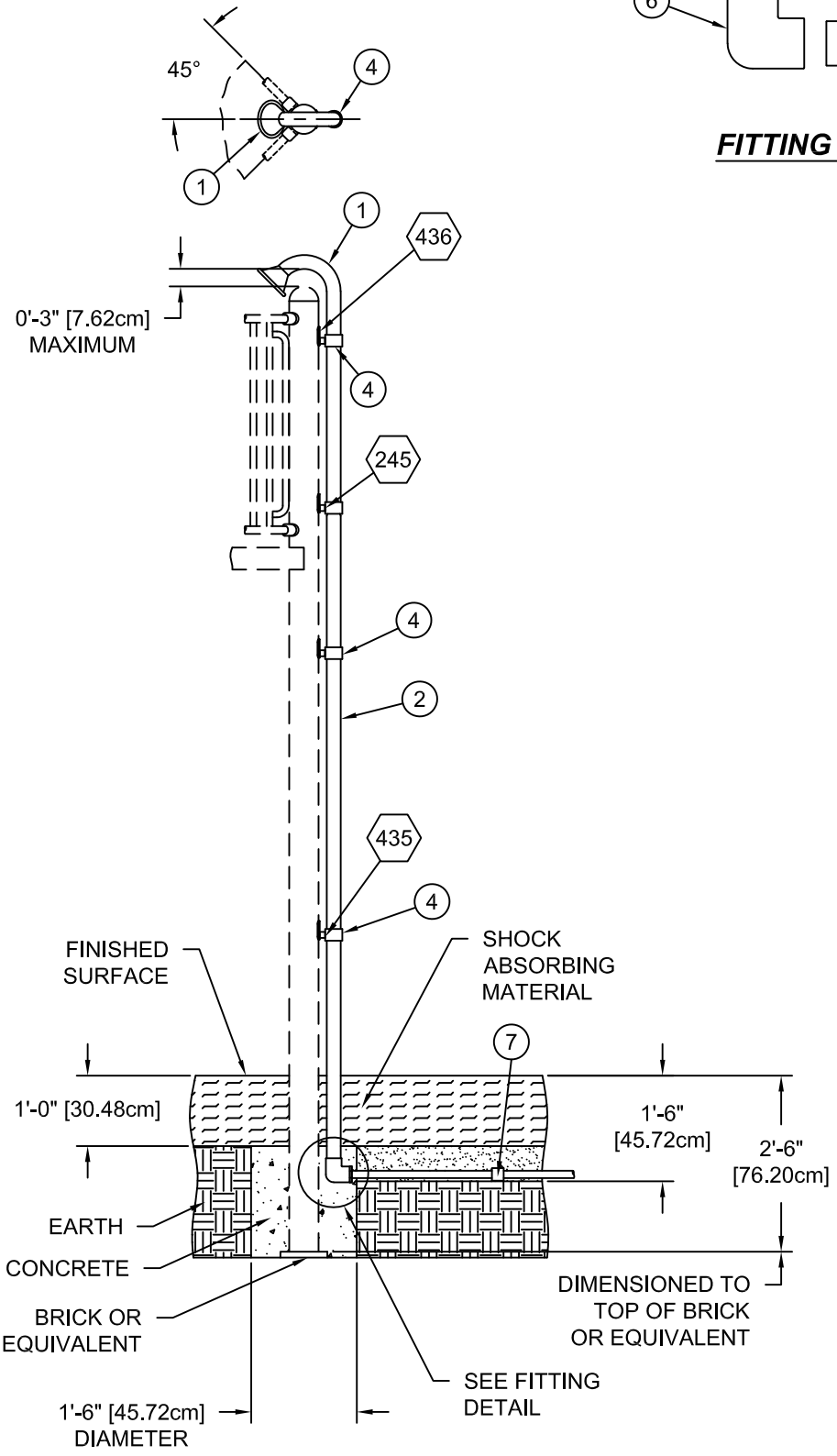
CONCRETE REQUIRED:
.10 CUBIC YARDS
[.08 CUBIC METERS]

NOTE: SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

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



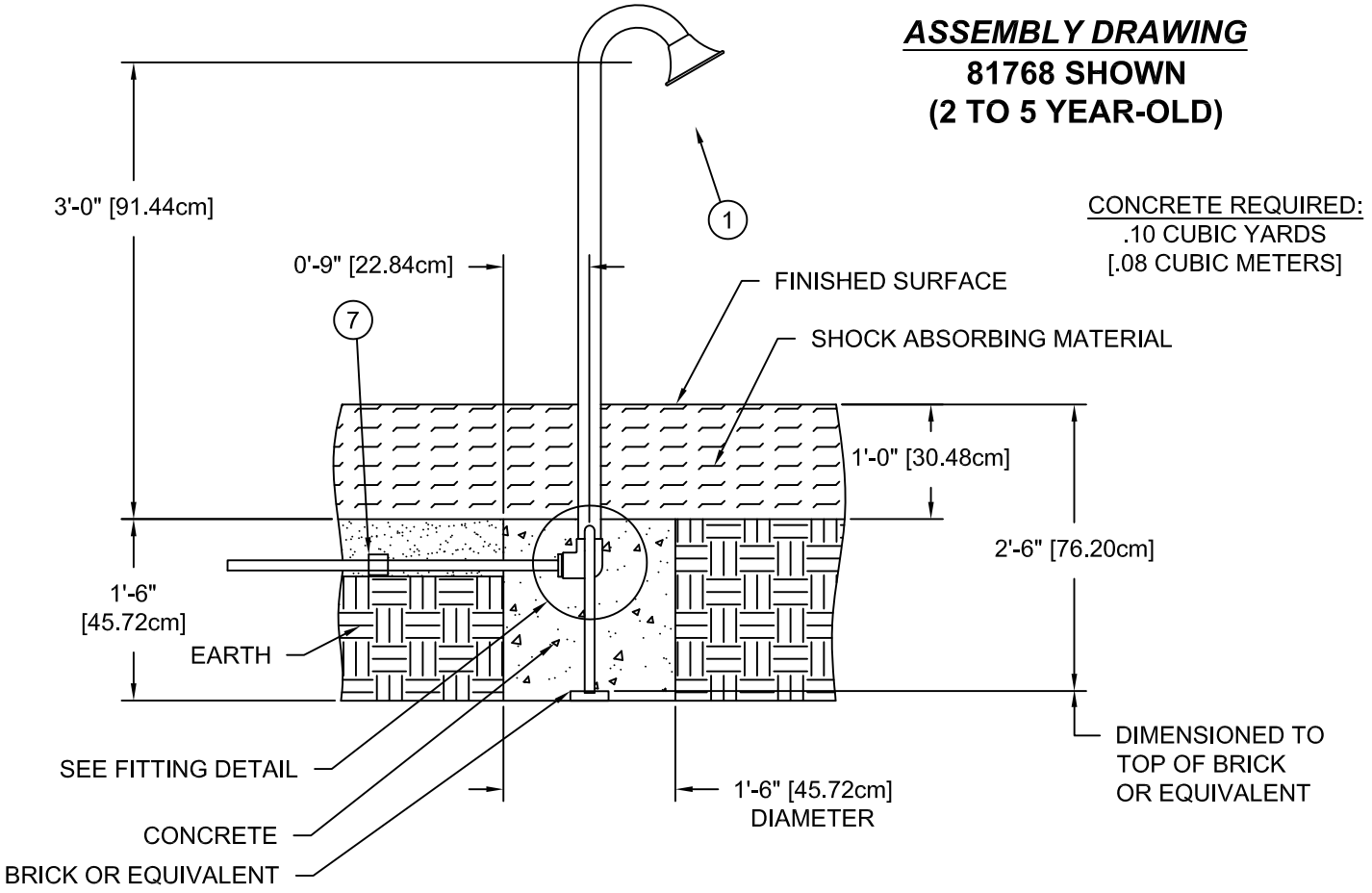
FITTING DETAIL

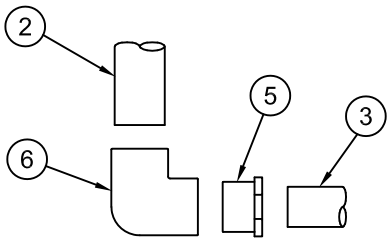


ASSEMBLY DRAWING

81678 SHOWN
(2-12 YR. OLD)

ASSEMBLY DRAWING
81768 SHOWN
(2 TO 5 YEAR-OLD)





FITTING DETAIL

TALK TUBE SECTION LENGTHS

* MEASURED FROM SWAGED END
TO OPPOSITE END OF PIPE.

PRODUCT NO.	DECK HEIGHT	LENGTH OF TALK TUBE SECTION (NON-SWAGED END) TO BE REMOVED IN FIELD	FINAL TALK TUBE SECTION LENGTHS
81675	0'-6"	12" LG.	36 1/2" LG.
	1'-0"	12" LG.	36 1/2" LG.
	1'-6"	NO CUTTING REQUIRED	48 1/2" LG.
	2'-0"	NO CUTTING REQUIRED	48 1/2" LG.
81676	2'-6"	12" LG.	60 1/2" LG.
	3'-0"	12" LG.	60 1/2" LG.
	3'-6"	NO CUTTING REQUIRED	72 1/2" LG.
	4'-0"	NO CUTTING REQUIRED	72 1/2" LG.
81677	4'-6"	12" LG.	84 1/2" LG.
	5'-0"	12" LG.	84 1/2" LG.
	5'-6"	NO CUTTING REQUIRED	96 1/2" LG.
	6'-0"	NO CUTTING REQUIRED	96 1/2" LG.
81678	6'-6"	12" LG.	108 1/2" LG.
	7'-0"	12" LG.	108 1/2" LG.
	7'-6"	NO CUTTING REQUIRED	120 1/2" LG.
	8'-0"	NO CUTTING REQUIRED	120 1/2" LG.

PARTS LIST

REF. NO.	DESCRIPTION	NO. REQ'D.					PART NUMBER
		81675	81676	81677	81678	81768	
1	Funnel Weld Assembly	1	1	1	1	0	165273
1	Funnel Weld Assembly	0	0	0	0	1	206446
2	Pipe, 48-1/2" Lg. (for 0'-6" to 2'-0" Deck)	1	0	0	0	0	159378
2	Pipe, 72-1/2" Lg. (for 2'-6" to 4'-0" Deck)	0	1	0	0	0	165585
2	Pipe, 96-1/2" Lg. (for 4'-6" to 6'-0" Deck)	0	0	1	0	0	159412
2	Pipe, 120-1/2" Lg. (for 6'-6" to 8'-0" Deck)	0	0	0	1	0	165587
3	1-1/4" PVC Pipe (10' Lg.)	2	2	2	2	2	147221
4	Connection Sleeve Assembly	3	3	4	4	0	176453*
	Hardware Complete	1	1	0	0	0	166070
	Hardware Complete	0	0	1	1	0	166071
	Hardware Complete	0	0	0	0	1	166072
5	2" x 1-1/4" PVC Bushing	1	1	1	1	1	141216*
6	2" PVC 90° Elbow	1	1	1	1	1	141214*
7	1-1/4" PVC Coupling	2	2	2	2	2	147222*
	4 Oz. Can PVC Glue	1	1	1	1	1	147199*
	Pop Rivet	6	6	8	8	0	140068*
	3/8" x 1 1/4" P.B.H.C.S. w/ Patch	3	3	4	4	0	812051*
	3/8" Lockwasher	3	3	4	4	0	817334*
	3/8" Flatwasher	0	0	0	0	0	817410*

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

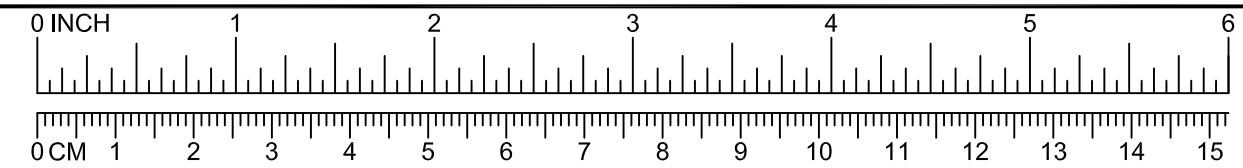
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Loctite (supplied by others) should be used on all threaded hardware.

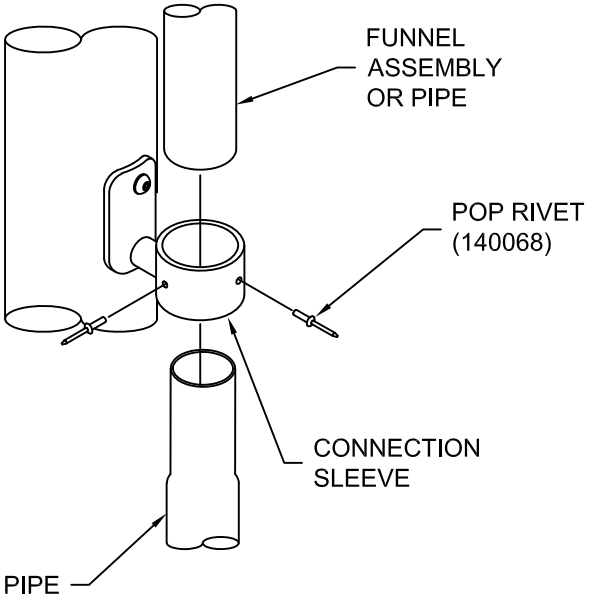
DETAILS -for-
81675, 81676, 81677, 81678 & 81768

IMPORTANT

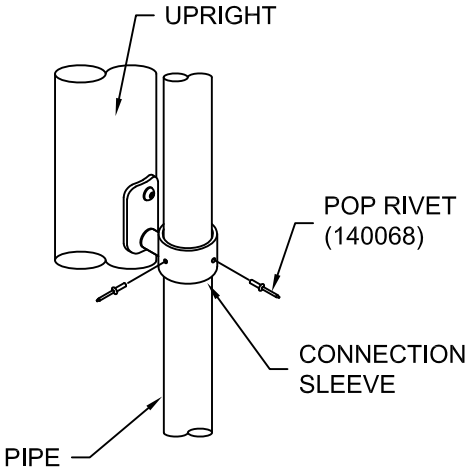
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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

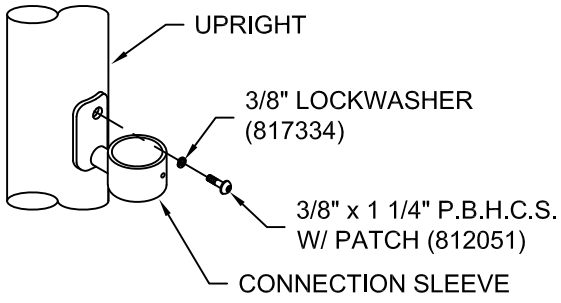




245



435



436

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ISSUED/REVISED: 11/5/19

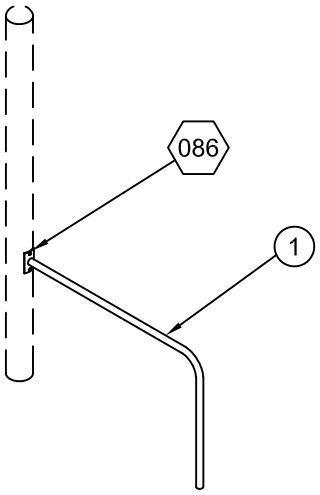
81681
TURNING BAR

⬡ = INSTALLATION DETAIL

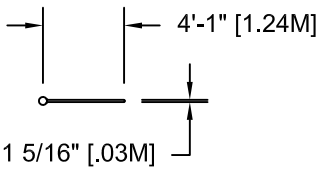
◯ = PARTS LIST REFERENCE

INSTALLATION INSTRUCTIONS

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



ASSEMBLY DRAWING

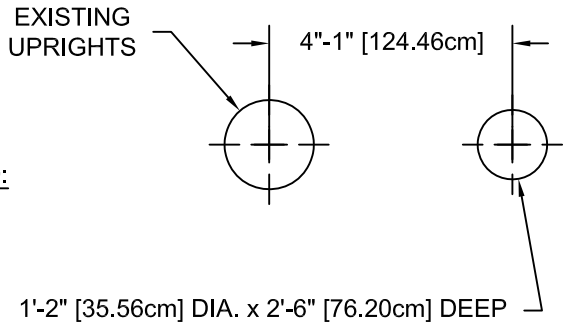


TOP VIEW

NOTE:

HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. SEE DETAIL 005. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE. FOR IN-GROUND SYSTEMS ONLY.

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



GROUND PLAN

PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D.	PART NUMBER
1	Turning Bar	1	160399
	Hardware Complete	1	160404
	3/8" x 1" P.B.H.C.S. w/Patch	2	812050*
	3/8" Lockwasher	2	817334*
	3/8" Flatwasher	2	817410*

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

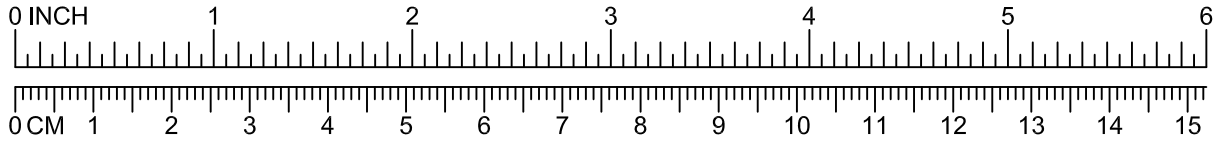
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Loctite (supplied by others) should be used on all threaded hardware.

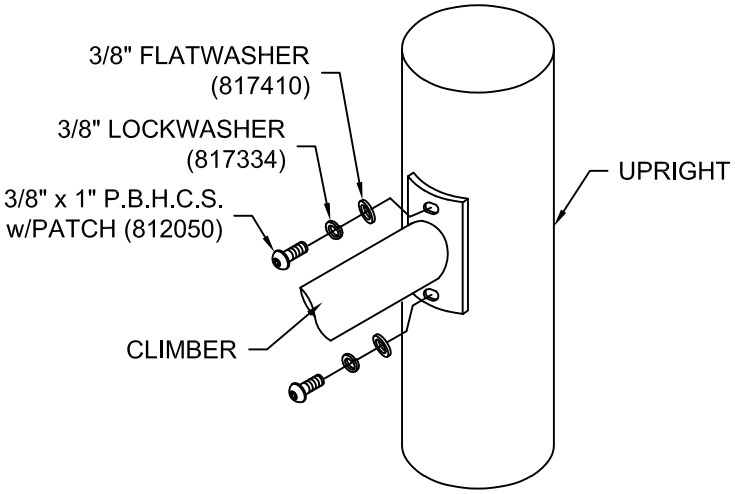
DETAILS -for-
81681

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.





086

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ISSUED/REVISED: 9/11/12

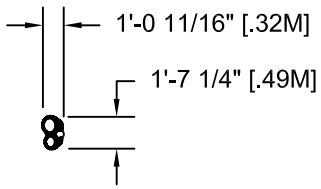
81699
BONGOS

⬡ = INSTALLATION DETAIL

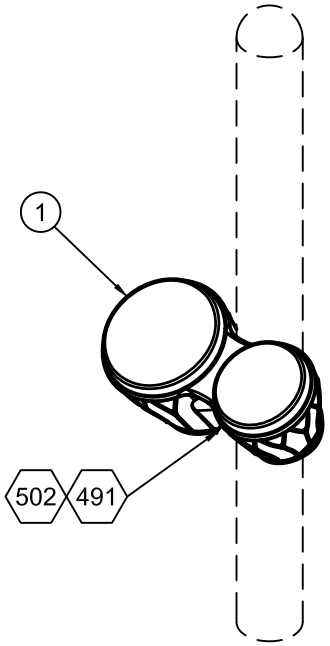
◯ = PARTS LIST REFERENCE

INSTALLATION INSTRUCTIONS

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



TOP VIEW



ASSEMBLY DRAWING

PARTS LIST

REF NO.	DESCRIPTION	NO. REQ'D	PART NUMBER
1	Bongos	1	177954
	Hardware Complete	1	178081
	3/8" x 1" P.B.H.C.S. w/Patch	4	812050*
	3/8" Lockwasher	4	817334*
	3/8" Flatwasher	4	817424*

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

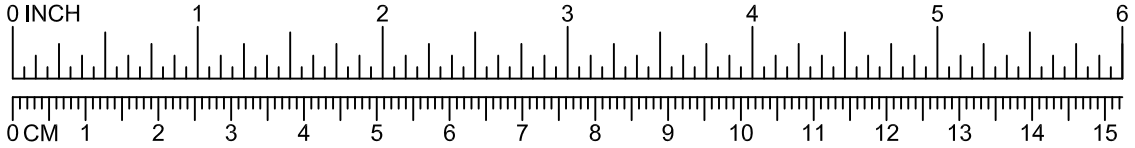
Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Loctite (supplied by others) should be used on all threaded hardware.

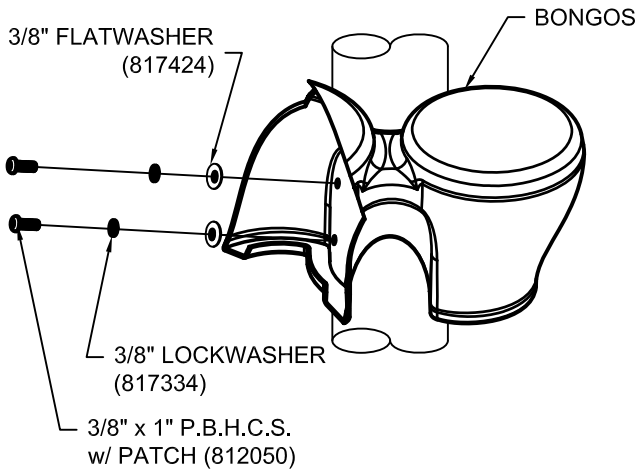
DETAILS -for-
81699

IMPORTANT

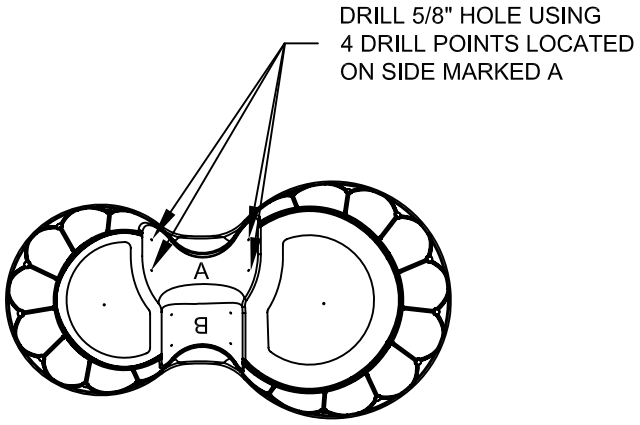
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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





491



502

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ISSUED/REVISED: 8/17/16

81766 LEAF SEAT

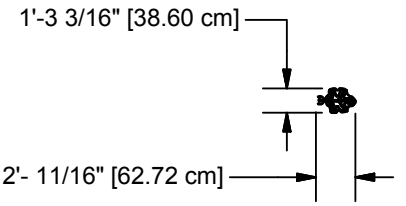
⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

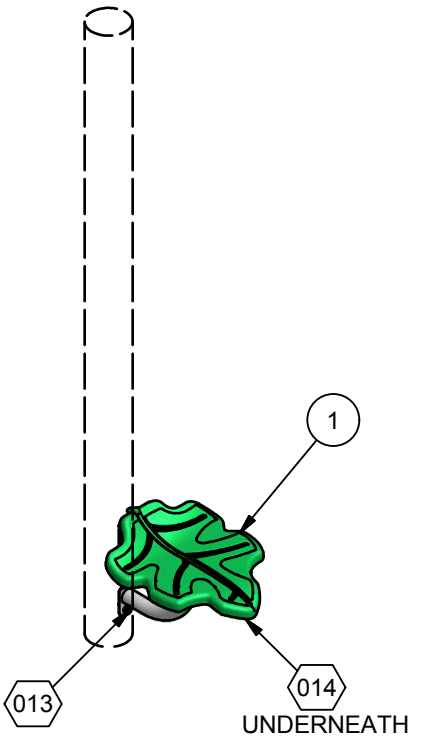
INSTALLATION INSTRUCTIONS

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





TOP VIEW



ASSEMBLY VIEW

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	LEAF STEP	1	201413
2	LEAF BRACKET	1	201695
	HARDWARE COMPLETE	1	202350
	3/8" x 1" P.B.H.C.S. w/PATCH	4	812050*
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	2	812051*
	3/8" LOCKWASHER	6	817334*
	3/8" FLAT WASHER	6	817410*

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

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

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

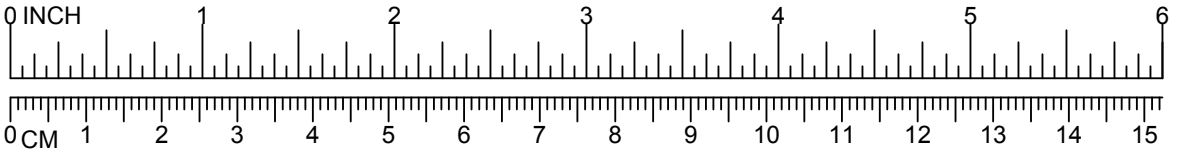
DETAILS -for-
81766

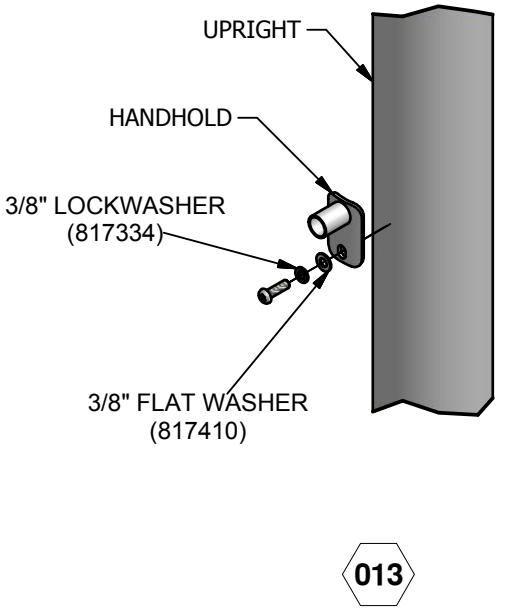
IMPORTANT

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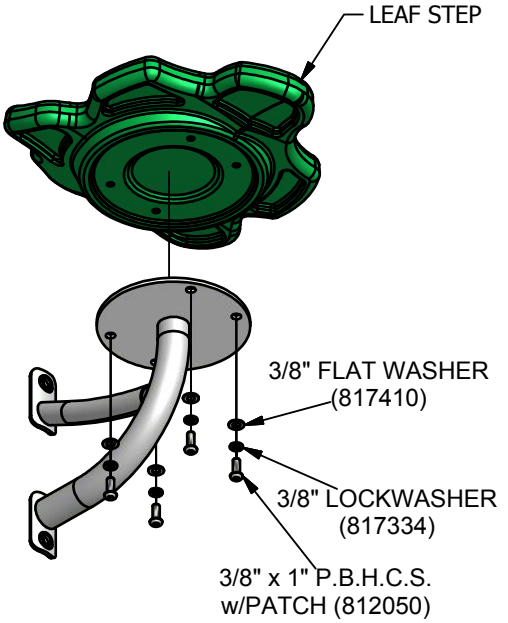
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





013



014

PowerScape
GameTime
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ISSUED/REVISED: 9/12/23

90003 WIDE TRIANGLE DECK

⬡ = INSTALLATION DETAIL

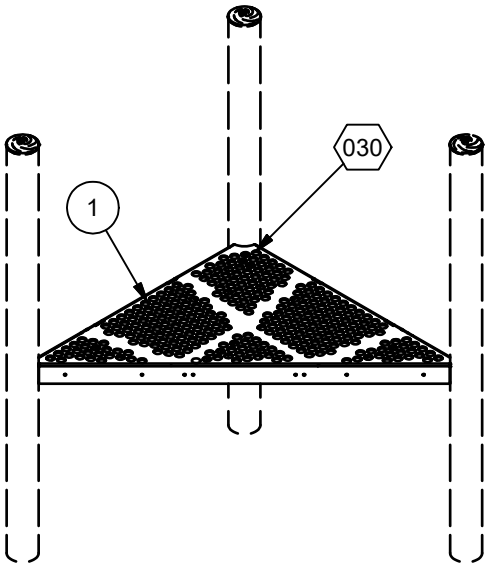
◯ = PARTS LIST REFERENCE



UP TO 5'-0" DECK HEIGHTS



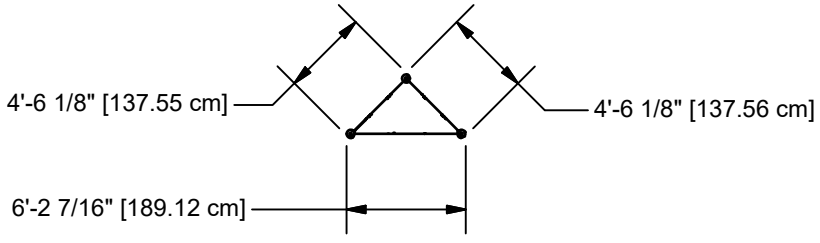
ALL DECK HEIGHTS



ASSEMBLY DRAWING

INSTALLATION INSTRUCTIONS

1) Before assembling this equipment, read the enclosed *INSTALLER INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
2) Dig ground holes per Ground Plan. See system top view 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.



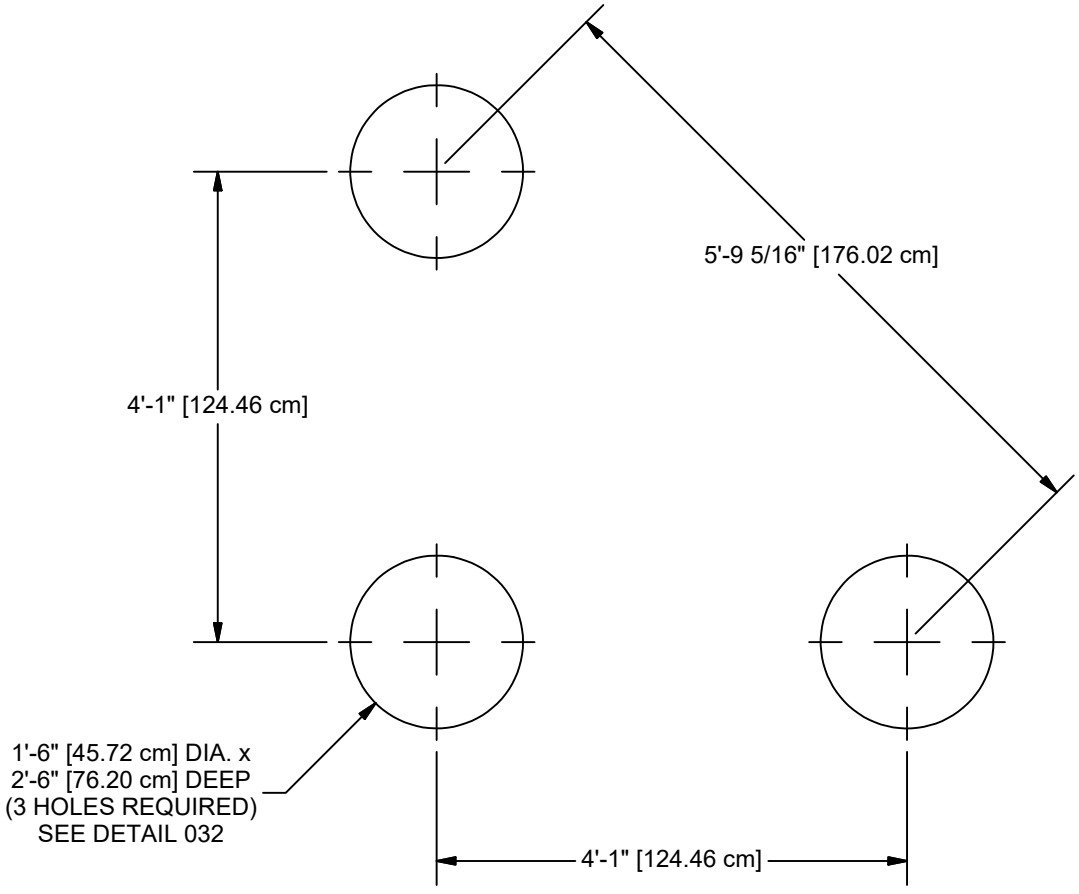
TOP VIEW

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	TRIANGLE DECK	1	176223
	HARDWARE COMPLETE	1	161255
	3/8" x 3/4" P.B.H.C.S. w/PATCH	2	812052*
	3/8" x 1 1/2" P.B.H.C.S.	6	810053*
	3/8" TEE NUT	2	804556*
	3/8" FLAT WASHER (1 1/4" O.D.)	8	817424*
	3/8" LOCK WASHER	8	817334*

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

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

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



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

CONCRETE REQUIRED
.30 Cubic Yards
[.23 Cubic Meters]

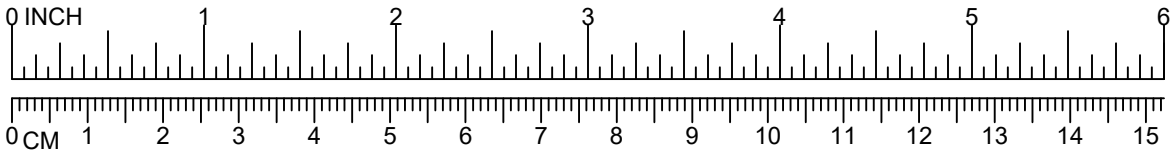
DETAILS -for-
90003

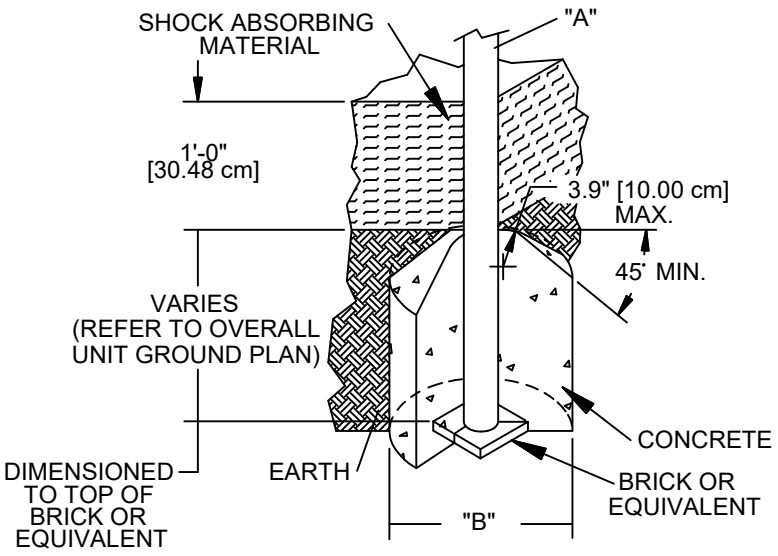
*I*MPORTANT

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

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

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



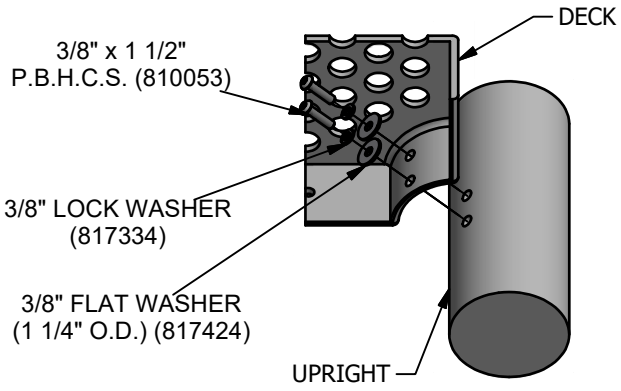


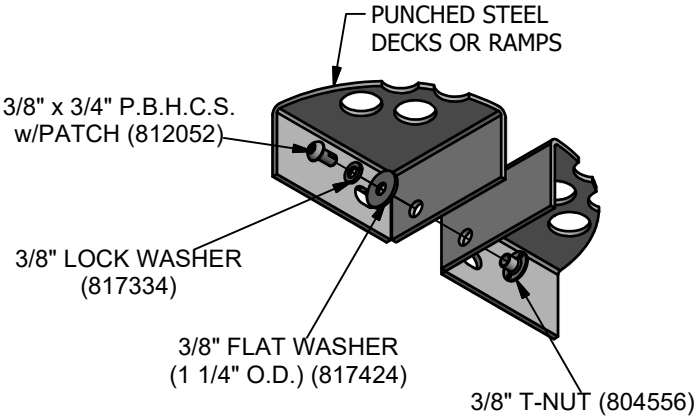
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS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

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

032

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





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

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

031

PowerScape

GameTime

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1-800-235-2440

ISSUED/REVISED: 11/22/2022

90004

TWO PIECE HEX DECK

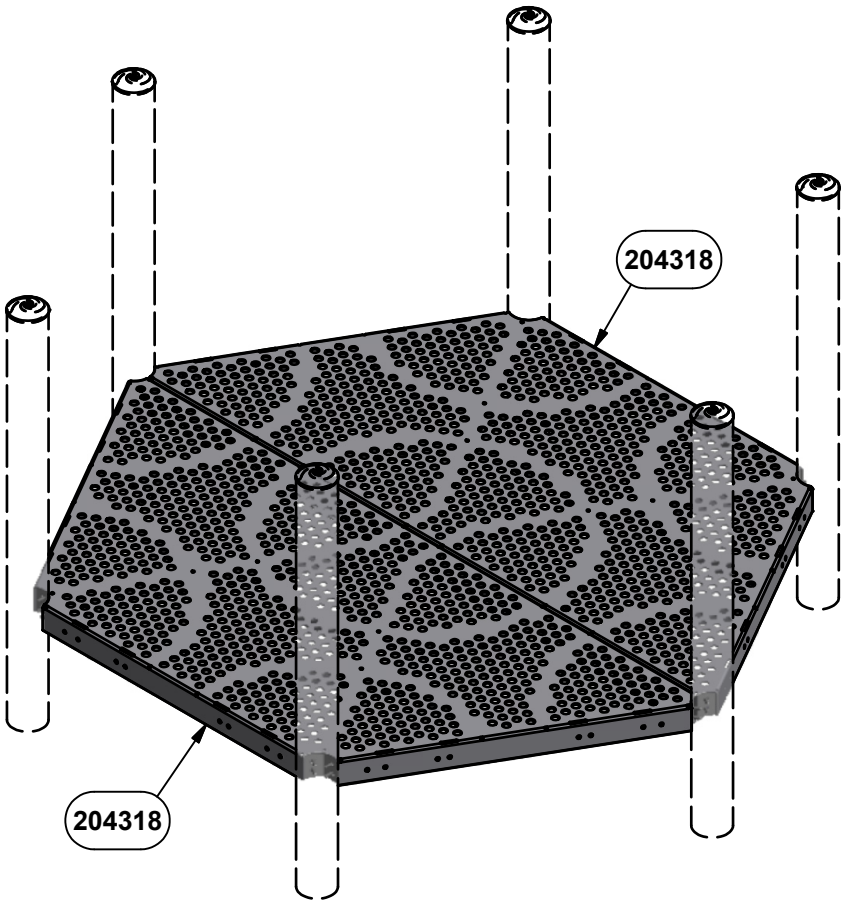
LARGE HOLES 90004
ADA HOLES 90005



UP TO 5'-0" DECK HEIGHTS



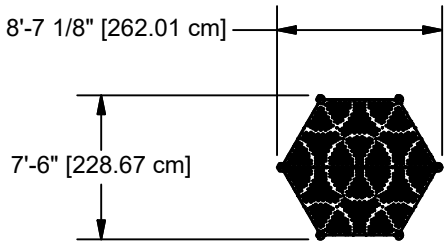
ALL DECK HEIGHTS



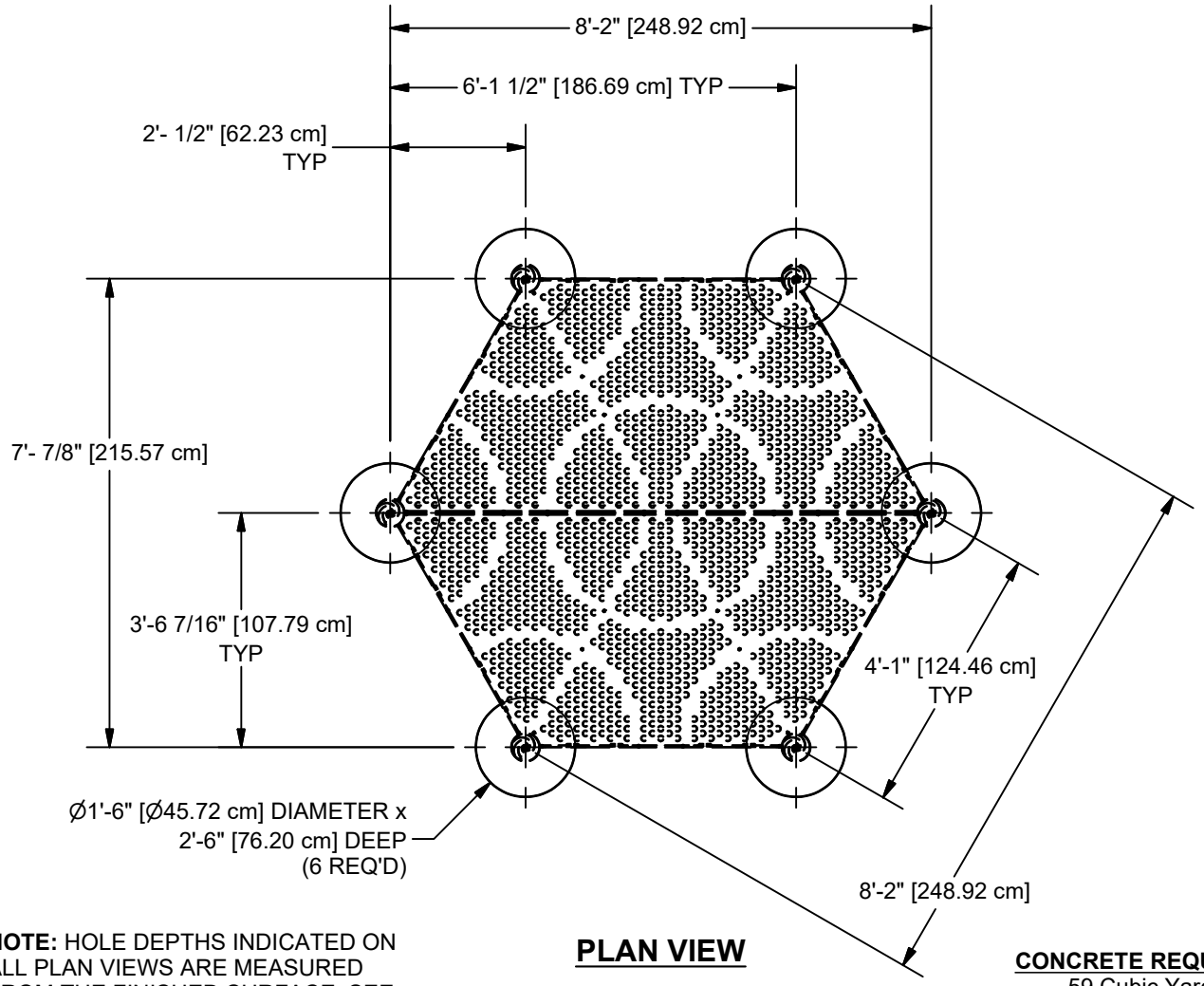
ASSEMBLY VIEW
90004 SHOWN
OTHER SIMILAR

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. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



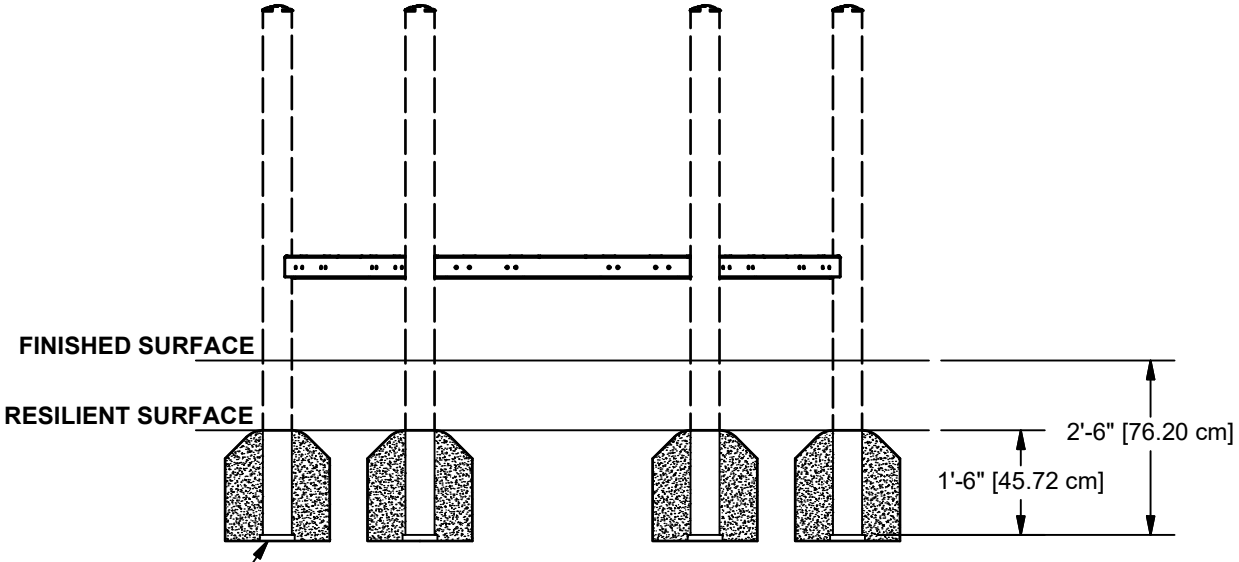
TOP VIEW



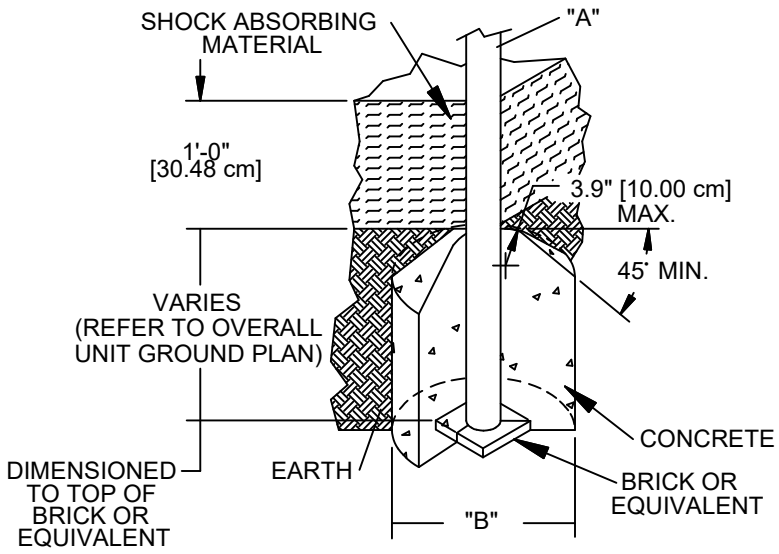
PLAN VIEW

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
.59 Cubic Yards
[.45 Cubic Meters]



ELEVATION VIEW

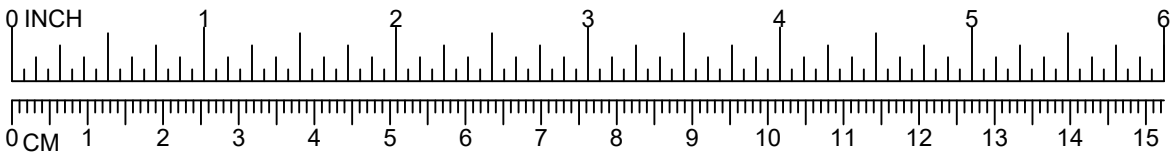


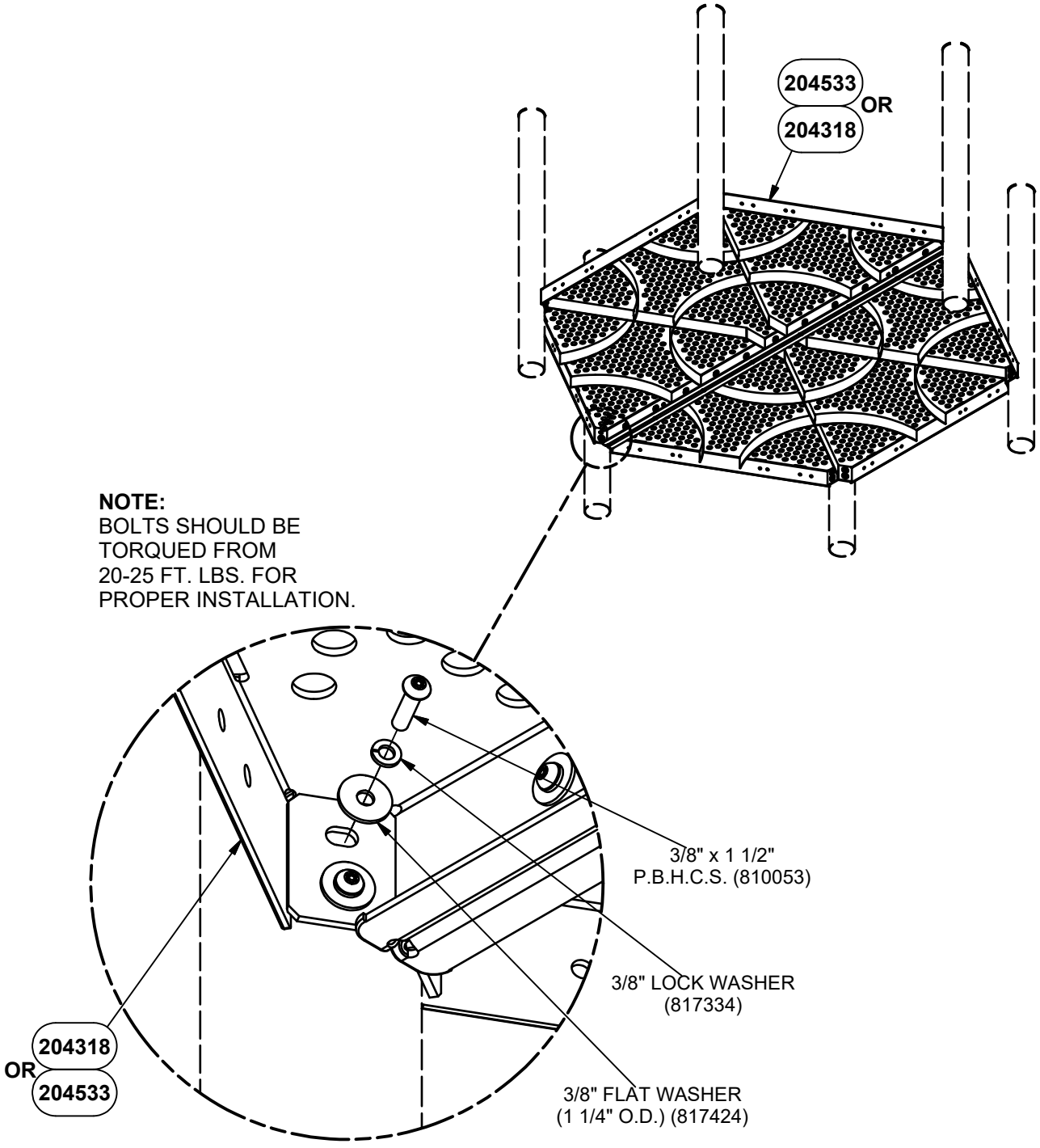
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS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

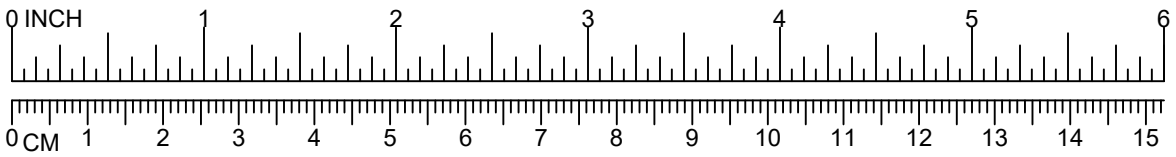


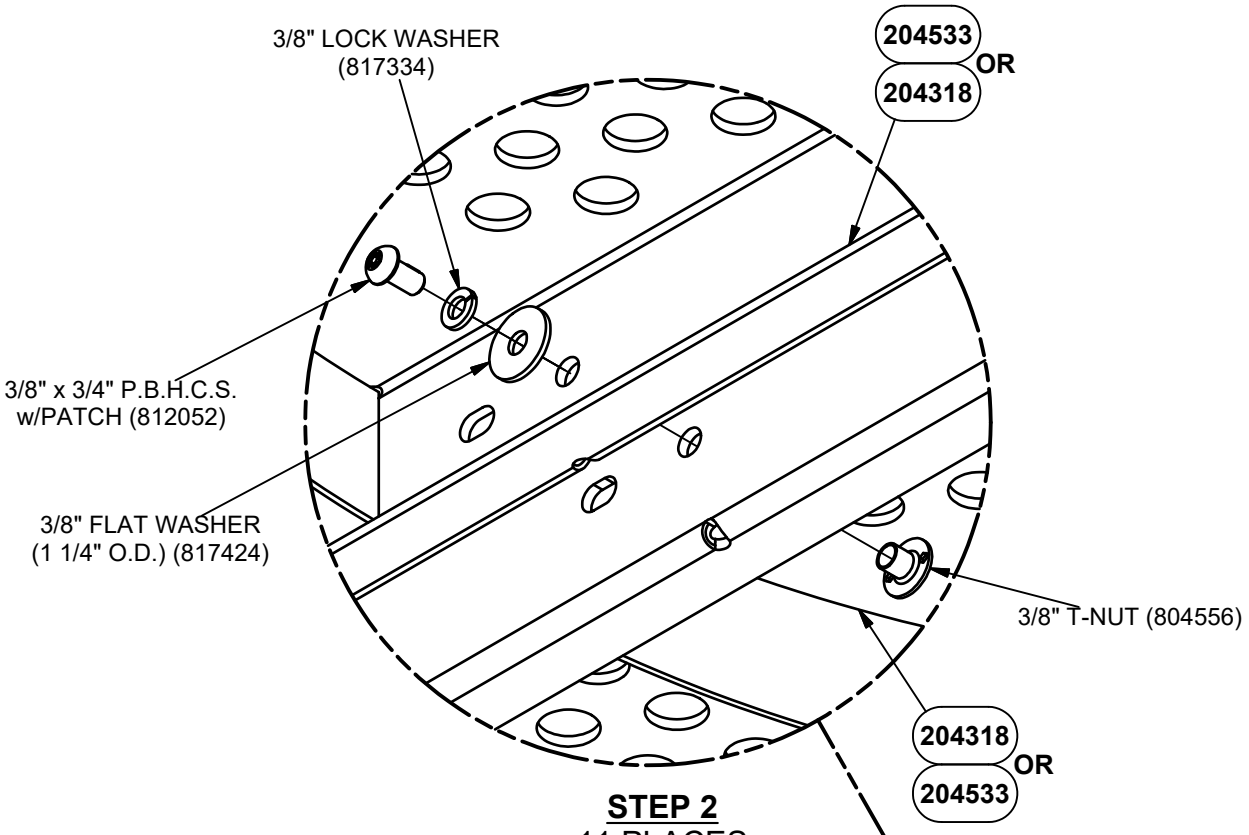


STEP 1
24 PLACES

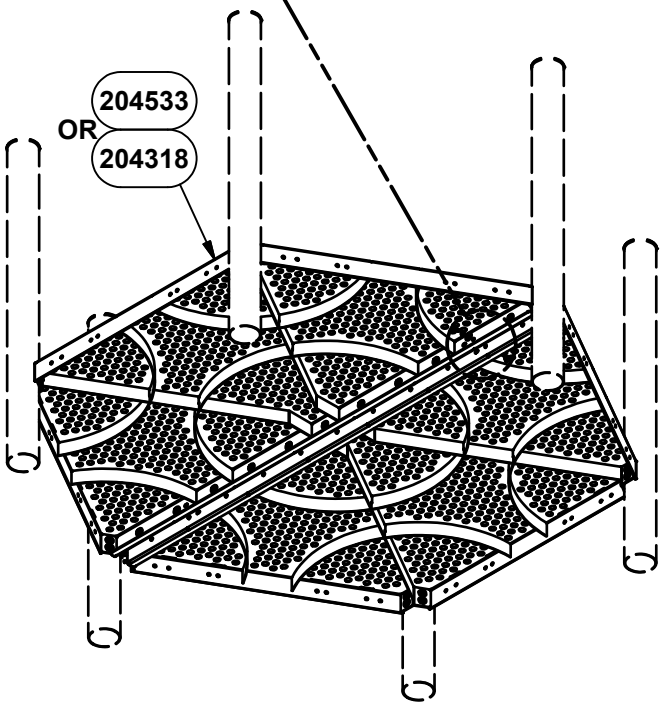
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW





STEP 2
11 PLACES



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

DETAIL VIEW

Parts List			
DESCRIPTION	90004	90005	PART NUMBER
TWO PIECE COATED HEX DECK	2	0	204318
TWO PIECE COATED ADA HEX DECK	0	2	204533
HARDWARE COMPLETE	1	1	204319
3/8" x 3/4" P.B.H.C.S. w/PATCH	11	11	812052*
3/8" x 1 1/2" P.B.H.C.S.	24	24	810053*
3/8" FLAT WASHER (1 1/4" O.D.)	35	35	817424*
3/8" LOCK WASHER	35	35	817334*
3/8" T-NUT	11	11	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 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.

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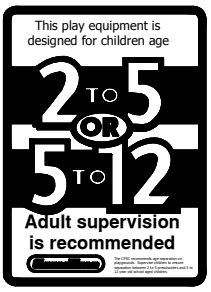
ISSUED/REVISED: 6/17/13

90011
FLOWER
TALK TUBE

= INSTALLATION DETAIL

= PARTS LIST REFERENCE

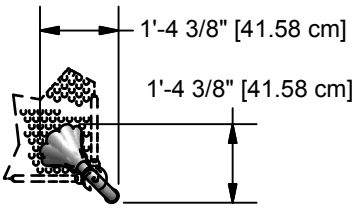
0'-6" TO 2'-0"	90011
2'-6" TO 4'-0"	90012
4'-6" TO 6'-0"	90013
6'-6" TO 8'-0"	90113



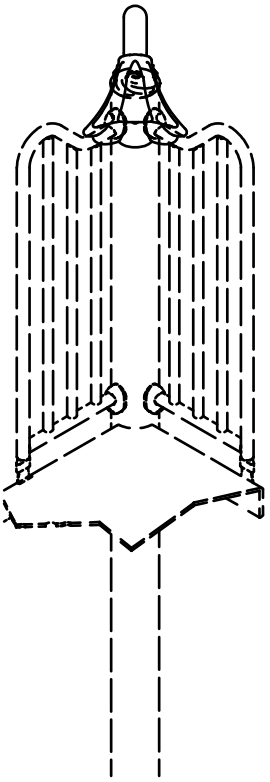
90011
90012
90013



90113



90011 THRU 90113
TOP VIEW



90011 THRU 90113
SHOWN

INSTALLATION INSTRUCTIONS

IN-GROUND ASSEMBLY

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

DECK ASSEMBLY

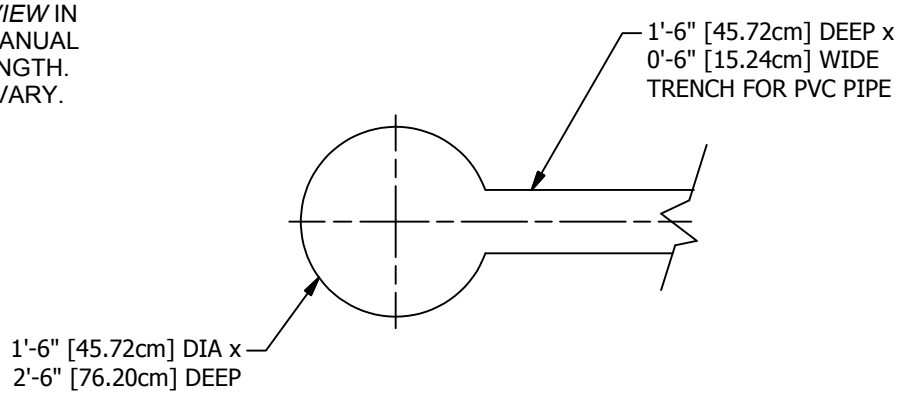
1.Before assembling this equipment, read the enclosed *Installer Instructions* in the installation booklet; follow all instructions during installation.
2. Assemble parts as shown in the *Assembly Drawing*. Refer to the assembly details for the specific hardware required in each connection.
3. Dig 6" wide x 6" deep trench between designated locations for talk tubes.
4. Refer to Pipe Length chart on the *Assembly Drawing* to field cut the non-swaged end of talk tube section to its proper length.
5. Attach Connection Sleeves to Upright. Refer to Detail 437.
6. Slide talk tube section thru Connection Sleeves and attach the talk tube section and 10'-0" lengths of PVC pipe to the 90° PVC elbow using the Fitting Detail.
7. Slide the Funnel Assembly thru connection sleeve. Fit Funnel Assembly over swaged top on Talk Tube Section. Refer to detail 231. ***Note: See Top View for orientation. Funnel Assembly should be positioned directly over top of upright as shown in Assembly Drawing and Top View.***

8. Refer to the Assembly Drawing dimensions of Funnel Assembly in relation to the upright. Attach Funnel Assembly and Talk Tube Section to Connection Sleeves using pop rivets. Refer to detail 232.

9. For Ground level installation attach Funnel Assembly to upright using detail 034. Refer to Assembly Drawing for proper placement.

***Attention*:** Because sound travels best in a straight line, the pipe and couplings furnished with this product accommodate
in-line installation. If your installation requires turns in the pipe,
you may purchase the appropriate 1-1/4" PVC couplings at a
local hardware or plumbing supply store.

NOTE: NO CONCRETE IS REQUIRED FOR TRENCH, REFER TO *TOP VIEW* IN INSTALLATION MANUAL FOR TRENCH LENGTH. DISTANCE WILL VARY.

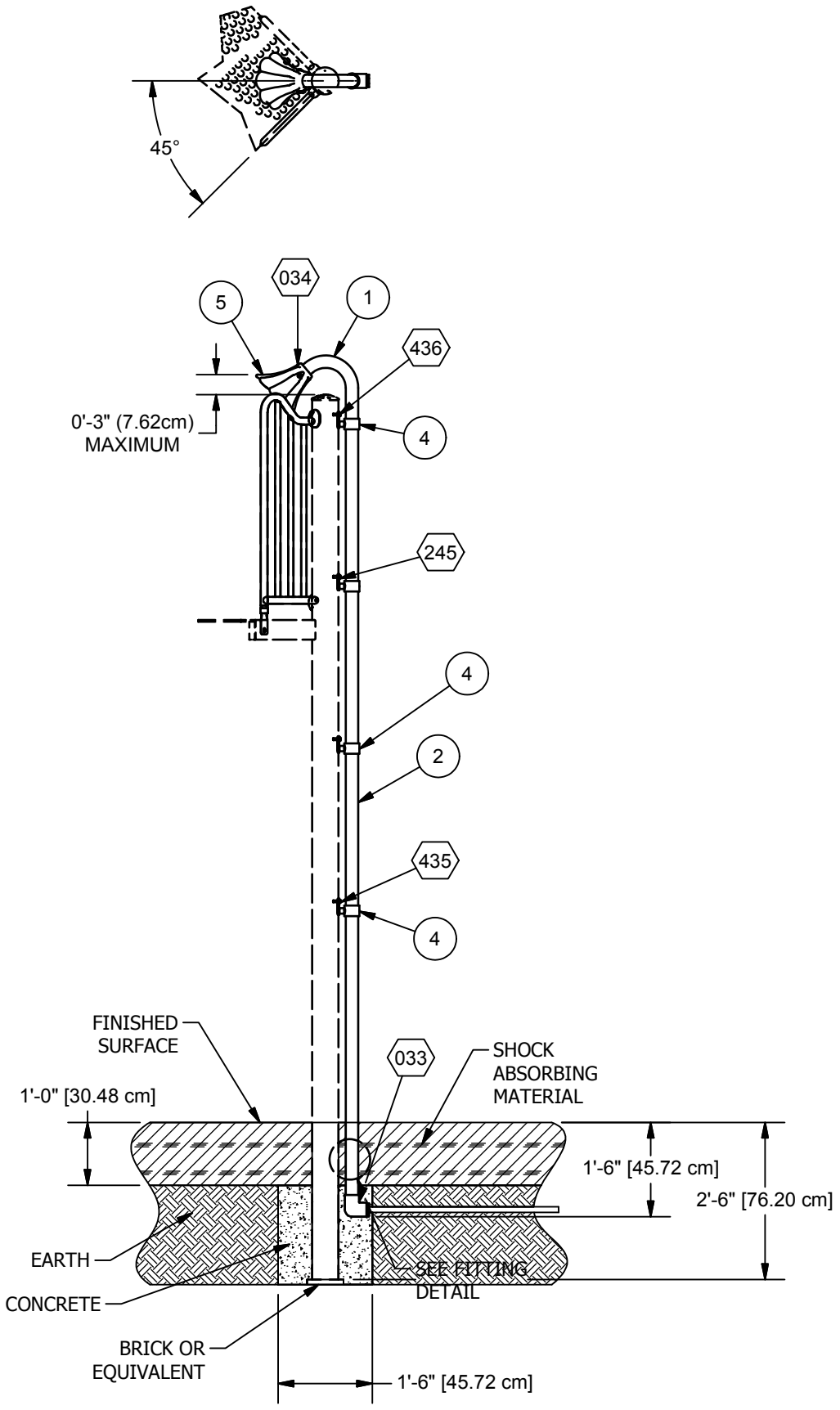


GROUND PLAN

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

NOTE: SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

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



ASSEMBLY DRAWING
90113 SHOWN
(2 TO 12 YEAR AGE)

TALK TUBE SECTION LENGTHS

* MEASURED FROM SWAGED END
TO OPPOSITE END OF PIPE.

PRODUCT NO.	DECK HEIGHT	LENGTH OF TALK TUBE SECTION (NON-SWAGED END) TO BE REMOVED IN FIELD	FINAL TALK TUBE SECTION LENGTHS
90011	0'-6"	12" LG.	36 1/2" LG.
	1'-0"	12" LG.	36 1/2" LG.
	1'-6"	NO CUTTING REQUIRED	48 1/2" LG.
	2'-0"	NO CUTTING REQUIRED	48 1/2" LG.
90012	2'-6"	12" LG.	60 1/2" LG.
	3'-0"	12" LG.	60 1/2" LG.
	3'-6"	NO CUTTING REQUIRED	72 1/2" LG.
	4'-0"	NO CUTTING REQUIRED	72 1/2" LG.
90013	4'-6"	12" LG.	84 1/2" LG.
	5'-0"	12" LG.	84 1/2" LG.
	5'-6"	NO CUTTING REQUIRED	96 1/2" LG.
	6'-0"	NO CUTTING REQUIRED	96 1/2" LG.
90113	6'-6"	12" LG.	108 1/2" LG.
	7'-0"	12" LG.	108 1/2" LG.
	7'-6"	NO CUTTING REQUIRED	120 1/2" LG.
	8'-0"	NO CUTTING REQUIRED	120 1/2" LG.

PARTS LIST

ITEM	DESCRIPTION	90011	90012	90013	90113	PART #
1	FUNNEL WELD ASSEMBLY	1	1	1	1	203221
2	PIPE, 48-1/2" LG. (FOR 0'-6" TO 2'-0" DECK)	1	0	0	0	159378
2	PIPE, 72-1/2" LG. (FOR 2'-6" TO 4'-0" DECK)	0	1	0	0	165585
2	PIPE, 96-1/2" LG. (FOR 4'-6" TO 6'-0" DECK)	0	0	1	0	159412
2	PIPE, 120-1/2" LG. (FOR 6'-6" TO 8'-0" DECK)	0	0	0	1	165587
3	1-1/4" PVC PIPE (10' LG.)	2	2	2	2	147221
4	CONNECTION SLEEVE ASSEMBLY	3	3	4	4	176453
5	FLOWER	1	1	1	1	201412
	HARDWARE COMPLETE	1	1	0	0	206474
	HARDWARE COMPLETE	0	0	1	1	206475
6	2" x 1-1/4" PVC BUSHING	1	1	1	1	141216*
7	2" PVC 90 ELBOW	1	1	1	1	141214*
8	1-1/4" PVC COUPLING	2	2	2	2	147222*
	4 OZ. CAN PVC GLUE	1	1	1	1	147199*
	POP RIVET	6	6	8	8	140068*
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	3	3	4	4	812051*
	3/8" x 3 3/4" P.B.H.C.S. w/PATCH	1	1	1	1	812076*
	3/8" LOCKWASHER	3	3	4	4	817334*
	3/8" FLATWASHER	1	1	1	1	817410*
	3/8" BARREL NUT	1	1	1	1	804804*

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** Included in Hardware*

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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.

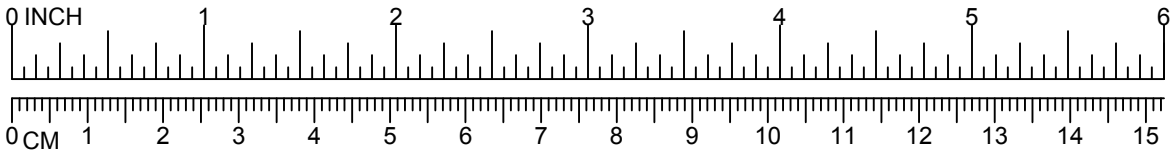
DETAILS -for-
90011, 90012, 90013 & 90113

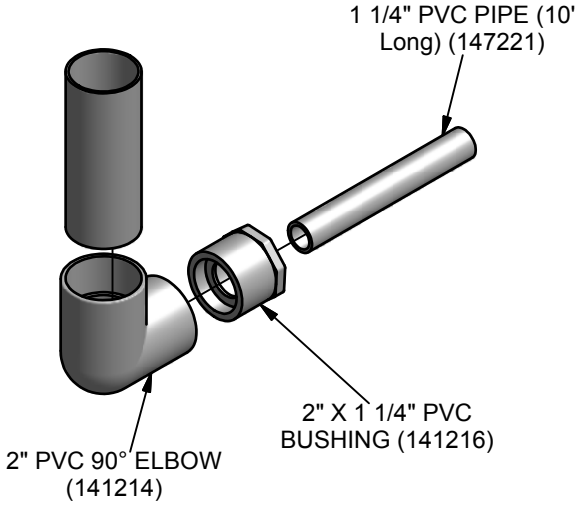
*I*MPORTANT

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.

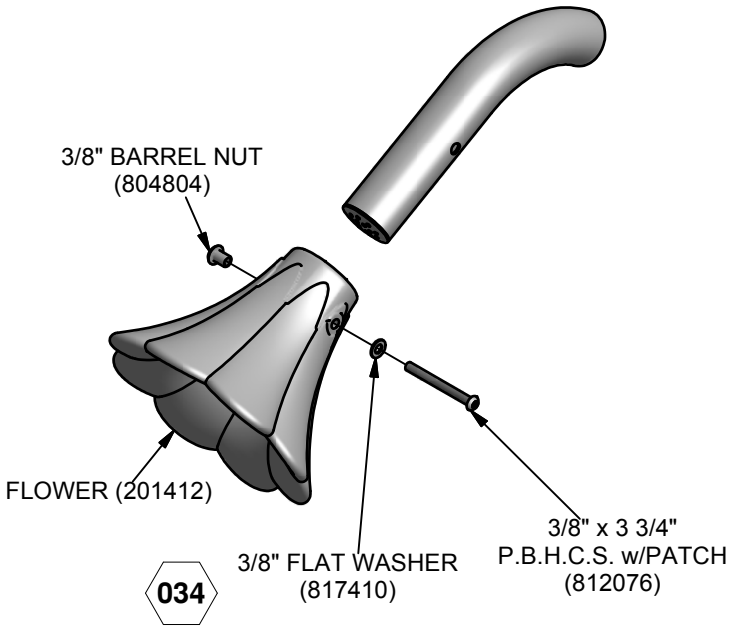
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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

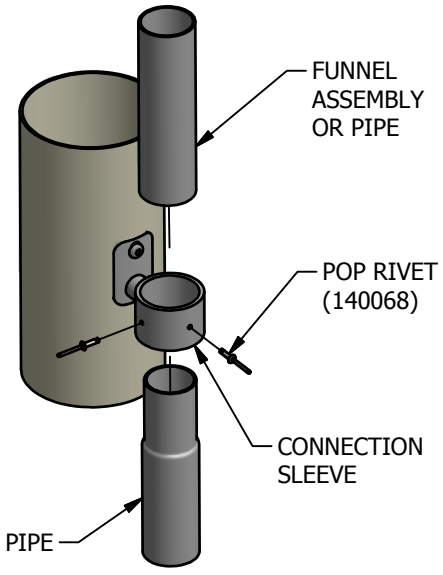




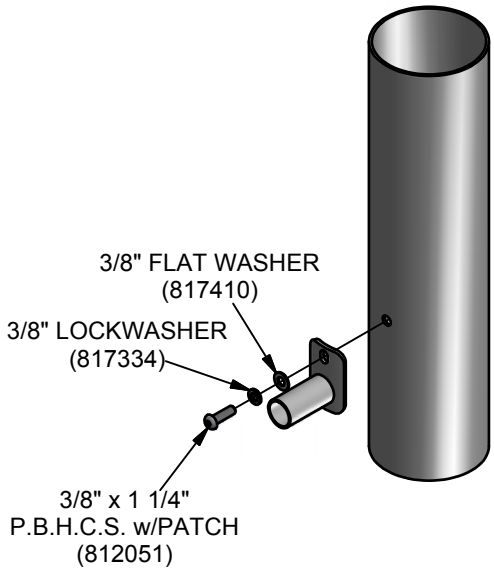
033



034



245



430

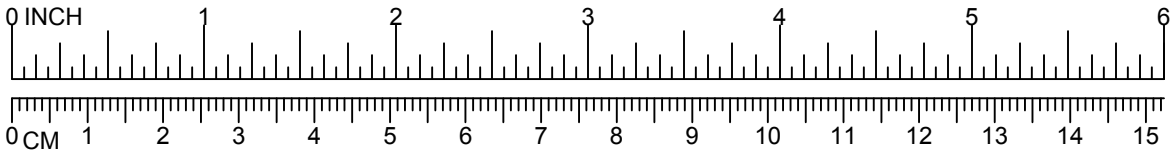
DETAILS -for-
90011, 90012, 90013 & 90113

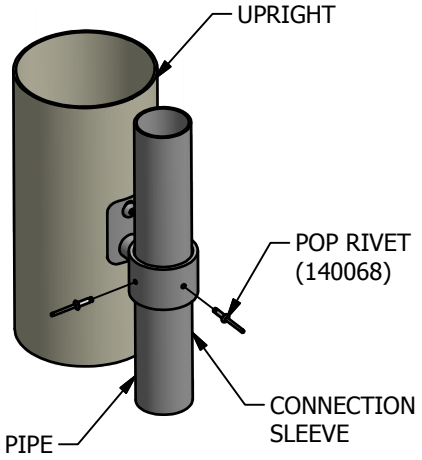
IMPORTANT

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.

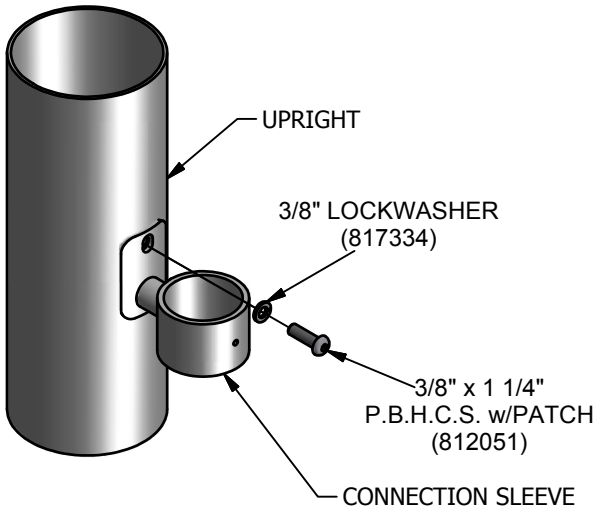
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





435



436

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ISSUED/REVISED: 08/22/13

90014 WIDE DECK ARCHWAY

= INSTALLATION DETAIL

= PARTS LIST REFERENCE

GUARDRAIL 90014
BARRIER 90015



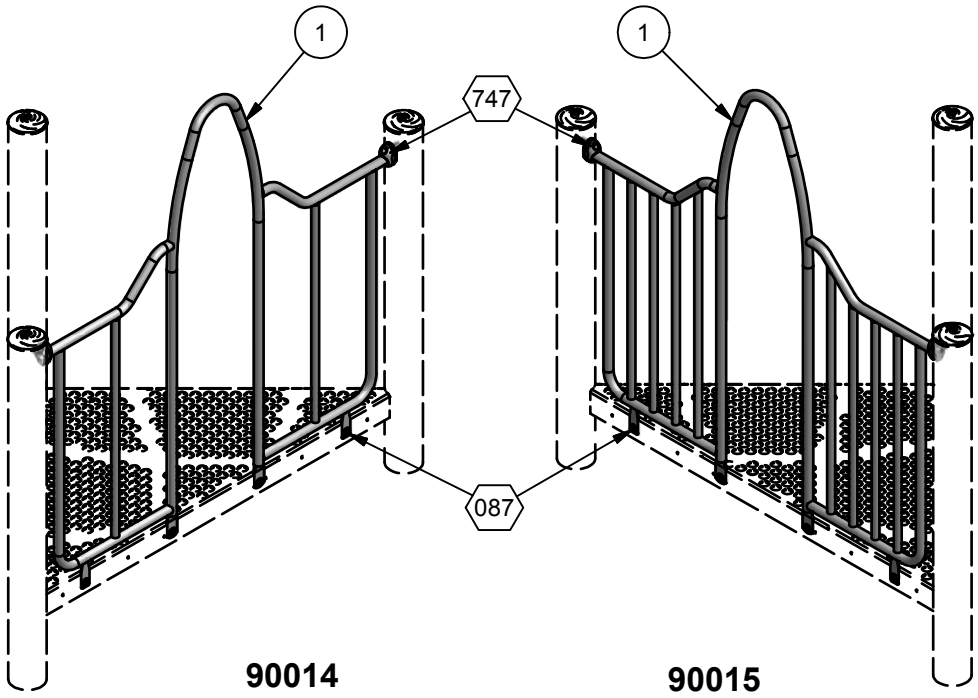
90014 UP TO 2'-6"



90015

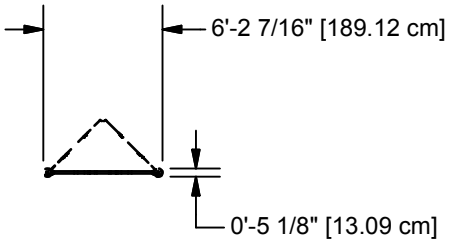


90014 UP TO 4'-0"

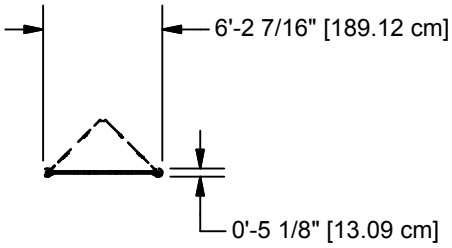


90014 **90015**

ASSEMBLY DRAWINGS



90014



90015

TOP VIEWS

INSTALLATION INSTRUCTIONS

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

Parts List				
REF.	DESCRIPTION	90014	90015	PART NUMBER
1	WIDE GUARDRAIL ARCHWAY WELD ASS'Y	1	0	206008
1	WIDE ARCHWAY w/ INFILL WELD ASS'Y	0	1	206428
	TRU-LOC	2	2	Z03650
	HARDWARE COMPLETE	1	1	204505
	3/8" x 3/4" P.B.H.C.S. w/PATCH	4	4	812052*
	3/8" x 2" P.B.H.C.S. w/PATCH	2	2	812055*
	3/8" FLAT WASHER (1 1/4" O.D.)	4	4	817424*
	3/8" LOCKWASHER	6	6	817334*
	3/8" T-NUT	4	4	804556*
	ALUM. PIN	2	2	203568*

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

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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.

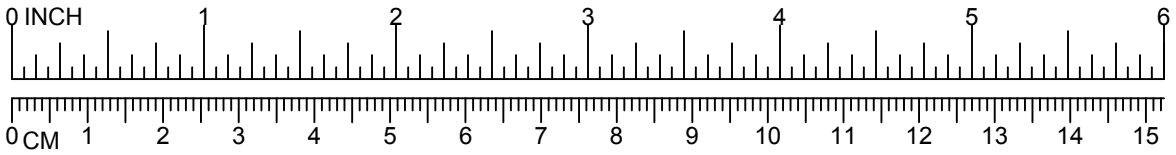
DETAILS -for-
90014 & 90015

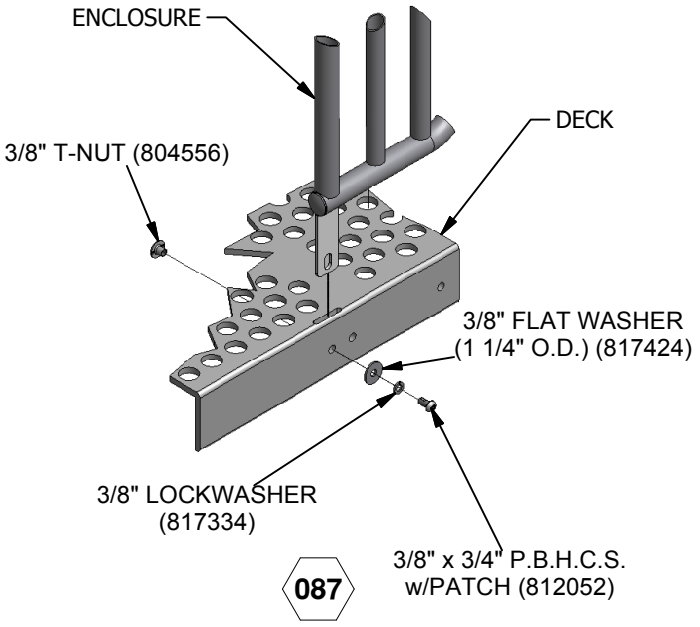
IMPORTANT

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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.

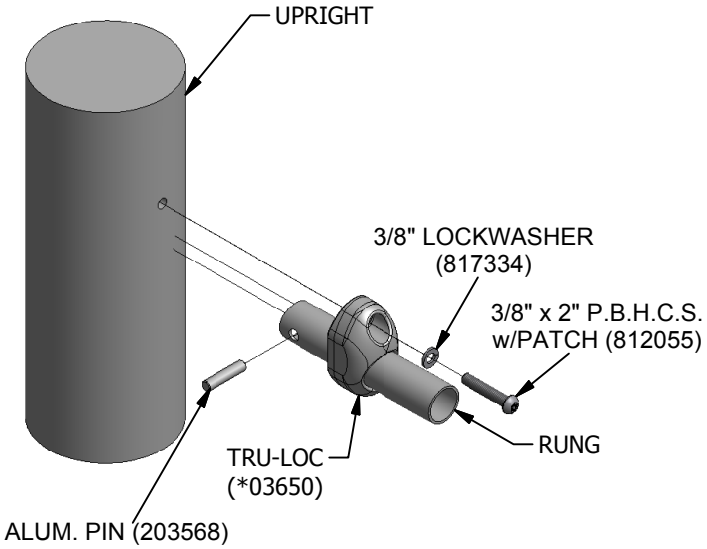




***NOTE:**
BOLT SHOULD BE TORQUED FROM 20-25 FT. LBS. FOR PROPER INSTALLTION.

(* = A OR Z)

747



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ISSUED/REVISED: 11/18/2020

90103 SCHOONER CLIMBER

2'-0"	90103
2'-6" & 3'-0"	90104
3'-6" & 4'-0"	90105
4'-6" & 5'-0"	90106
5'-6" & 6'-0"	90107
6'-6" & 7'-0"	90108
7'-6" & 8'-0"	90109



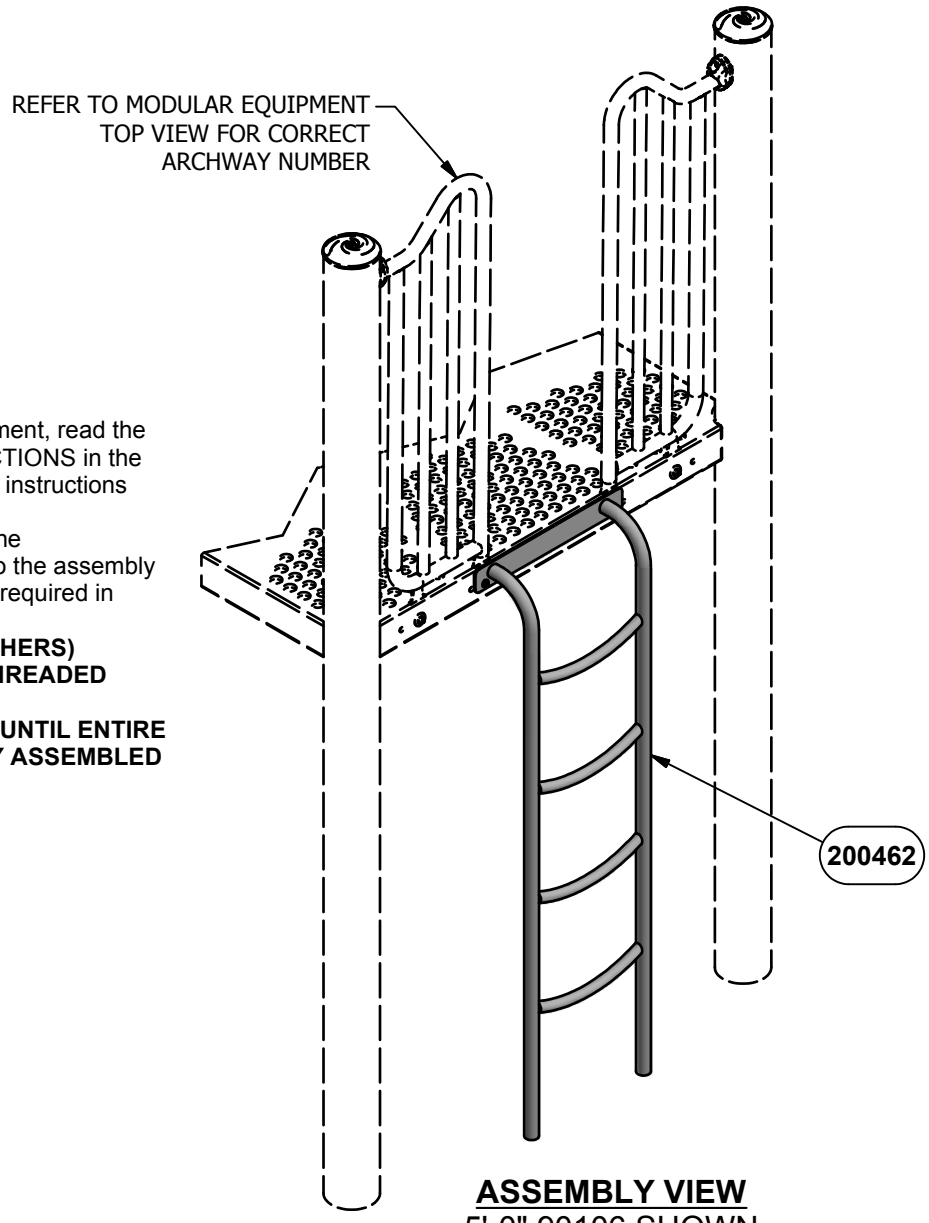
90103
90104
90105
90106



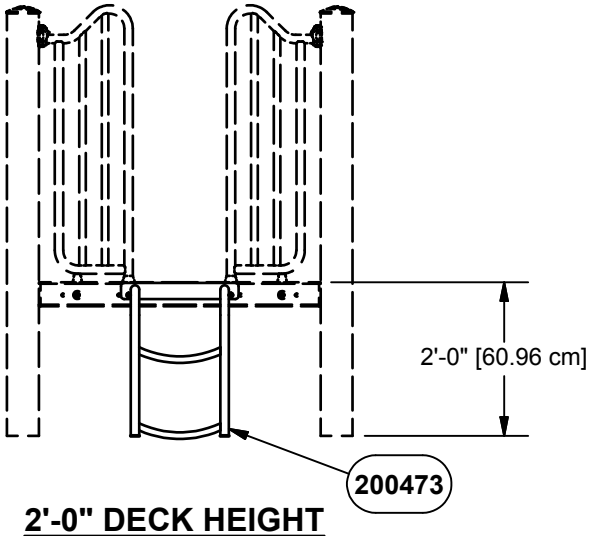
90107
90108
90109

INSTALLATION INSTRUCTIONS

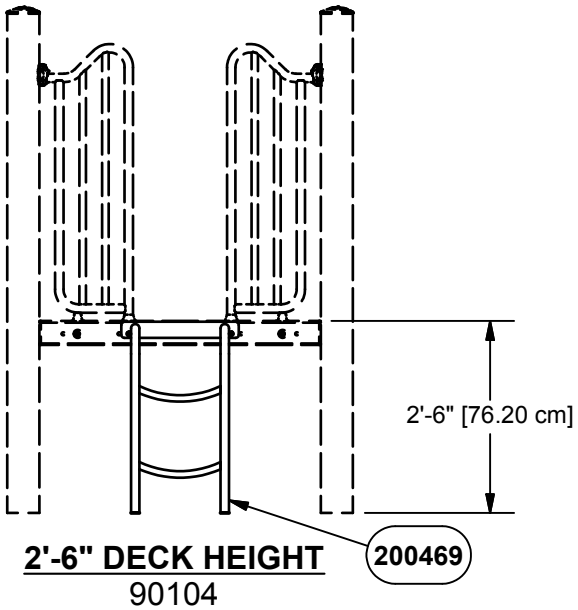
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE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



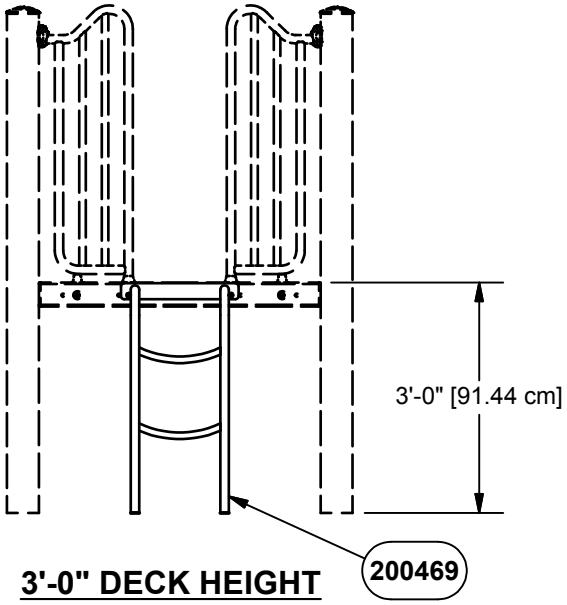
ASSEMBLY VIEW
5'-0" 90106 SHOWN



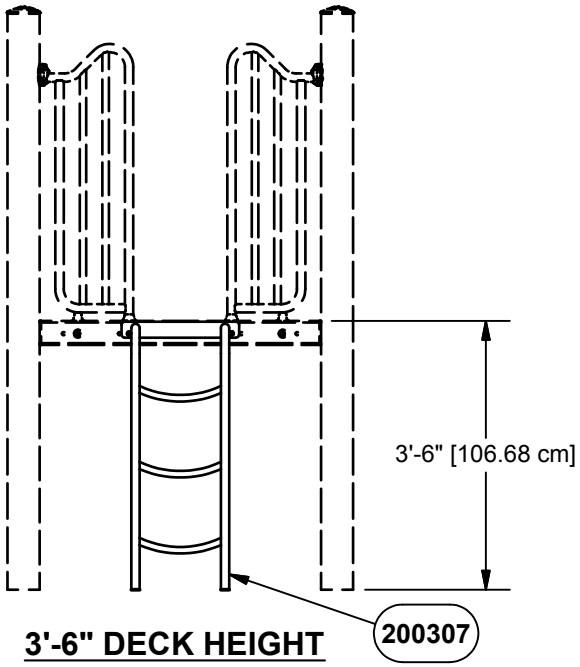
2'-0" DECK HEIGHT
90103



2'-6" DECK HEIGHT
90104

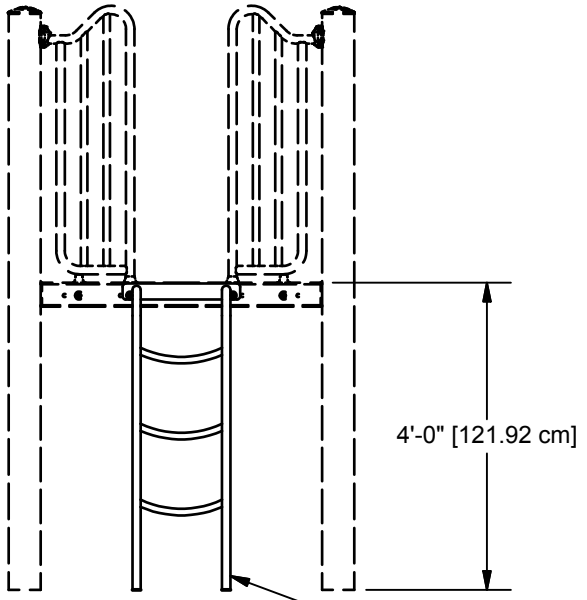


3'-0" DECK HEIGHT
90104

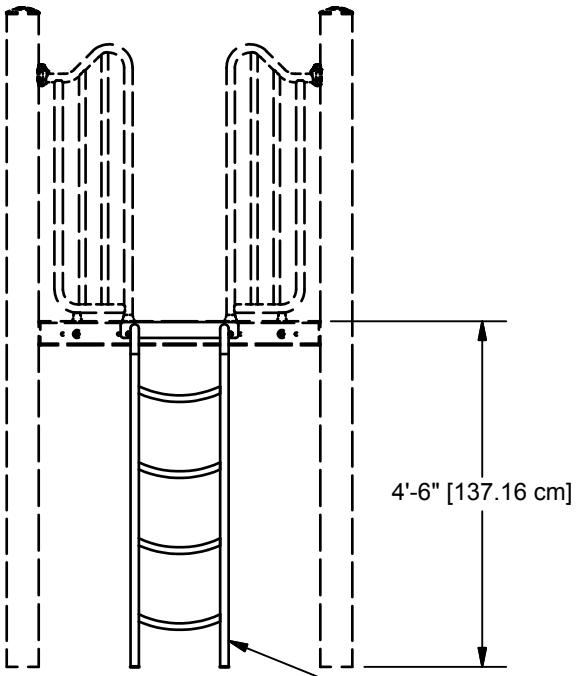


3'-6" DECK HEIGHT
90105

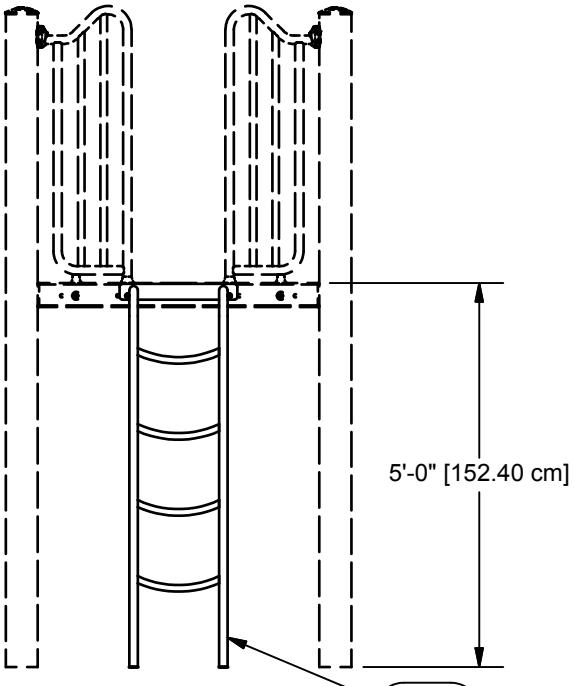
DECK HEIGHT ELEVATION



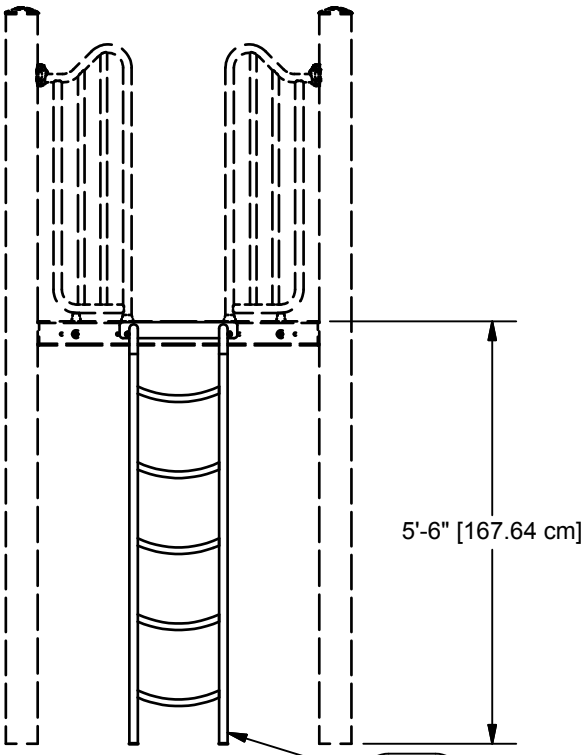
4'-0" DECK HEIGHT
90105



4'-6" DECK HEIGHT
90106

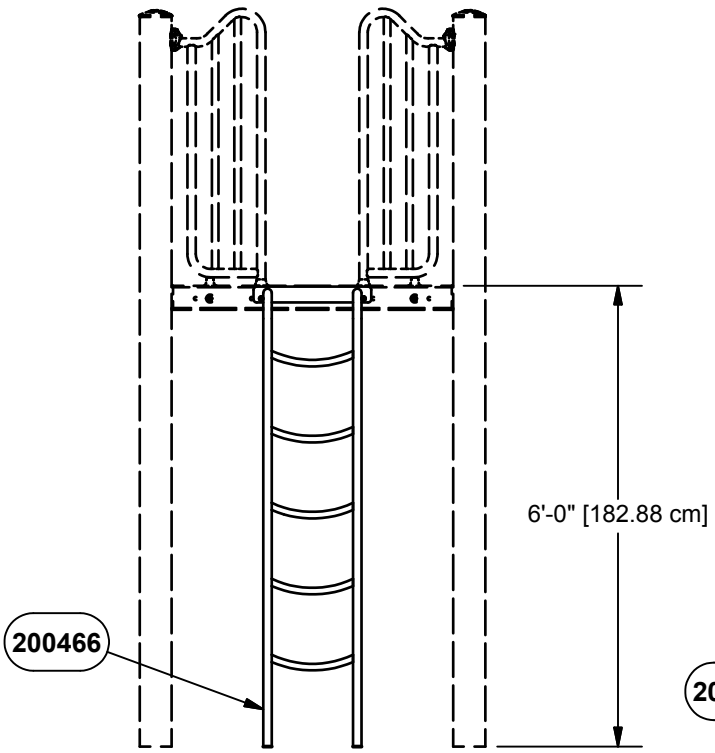


5'-0" DECK HEIGHT
90106

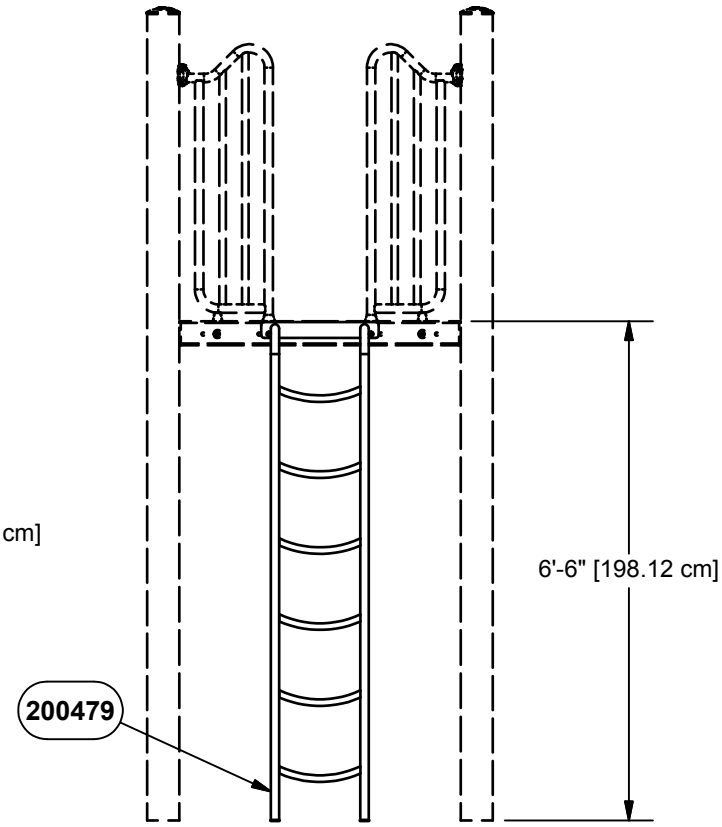


5'-6" DECK HEIGHT
90107

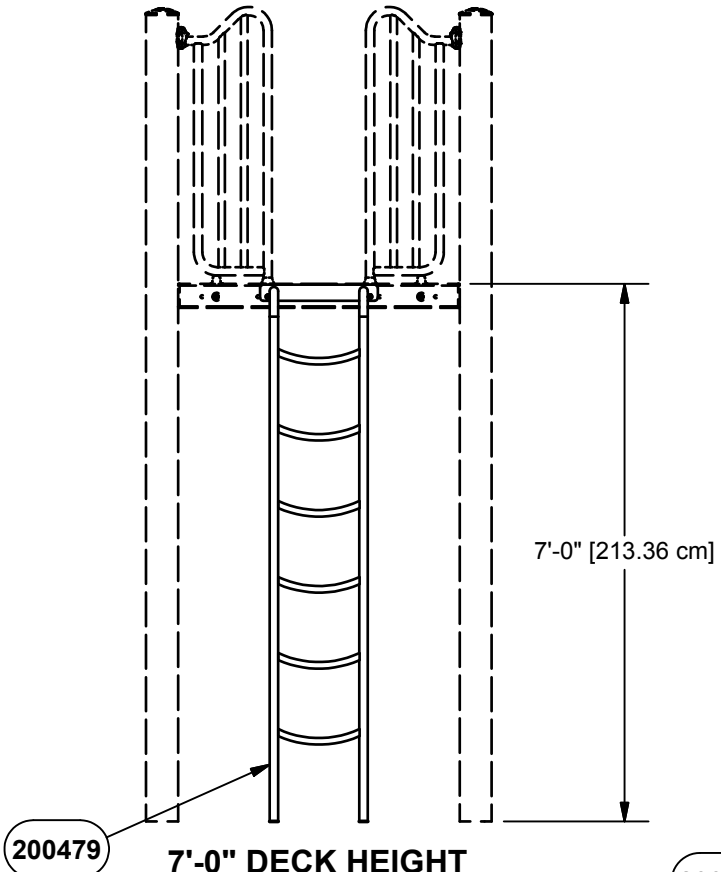
DECK HEIGHT ELEVATIONS



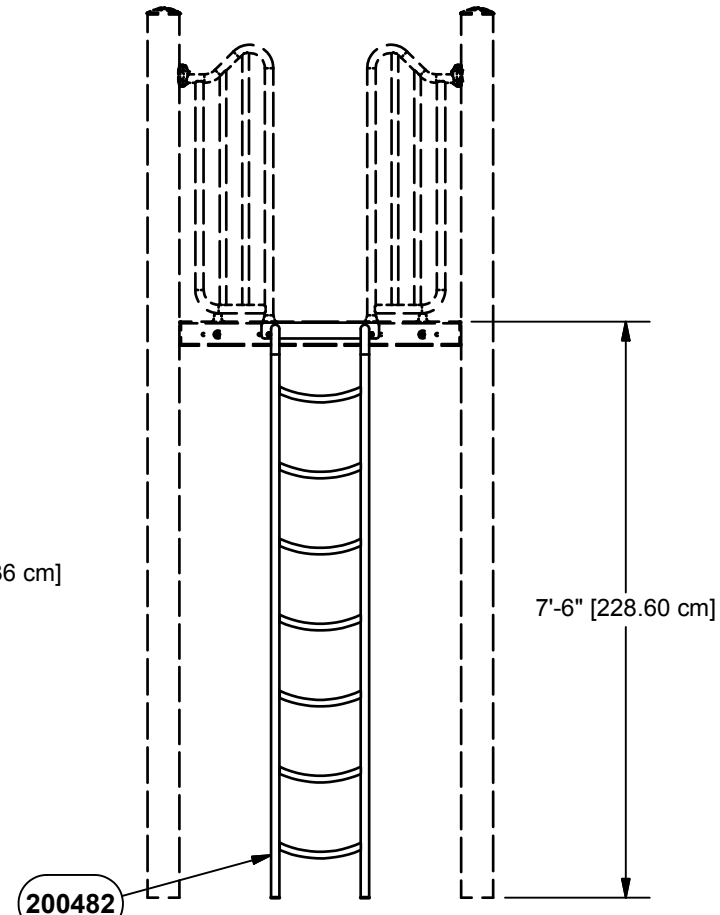
6'-0" DECK HEIGHT
90107



6'-6" DECK HEIGHT
90108

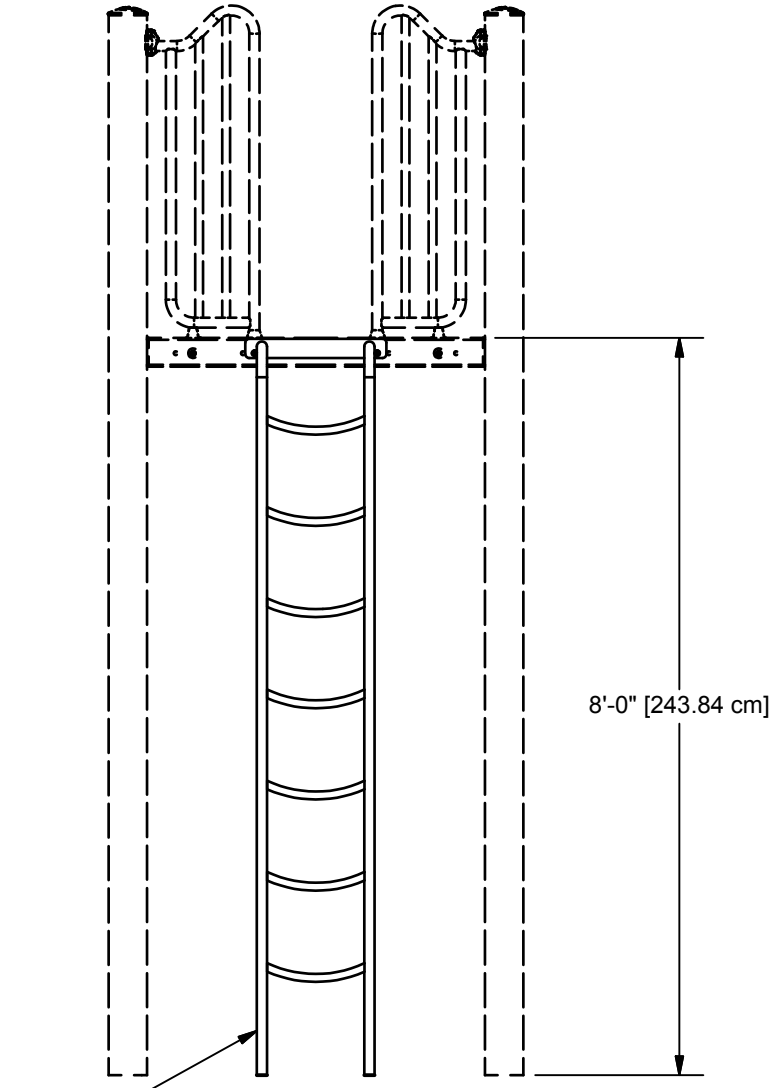


7'-0" DECK HEIGHT
90108



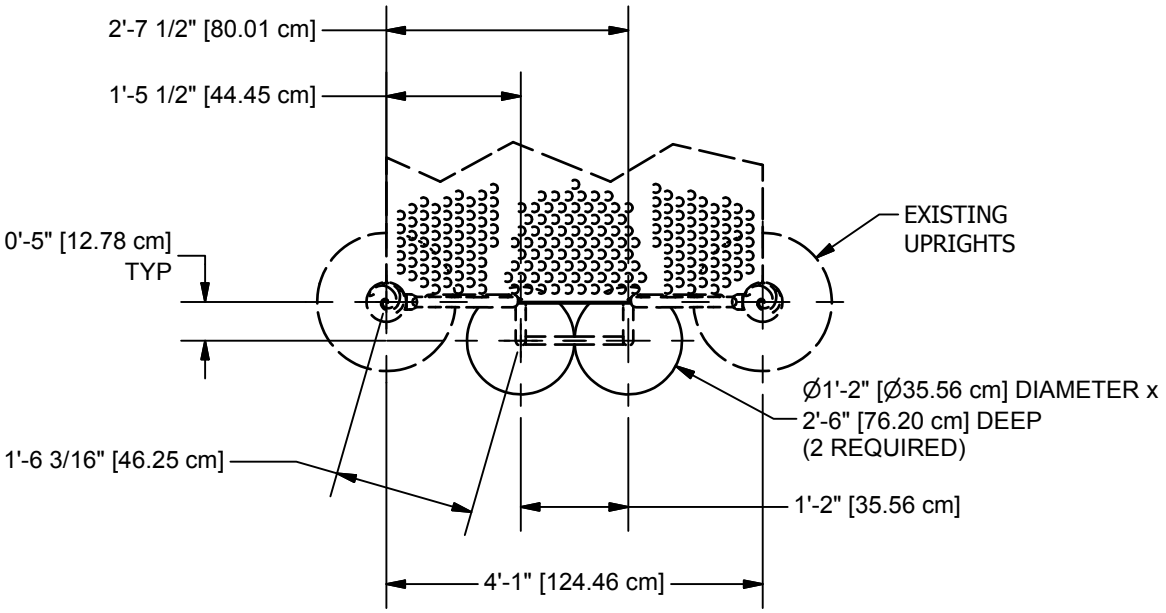
7'-6" DECK HEIGHT
90109

DECK HEIGHT ELEVATIONS



8'-0" DECK HEIGHT
90109

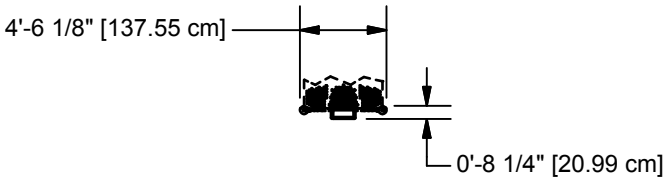
DECK HEIGHT
ELEVATIONS



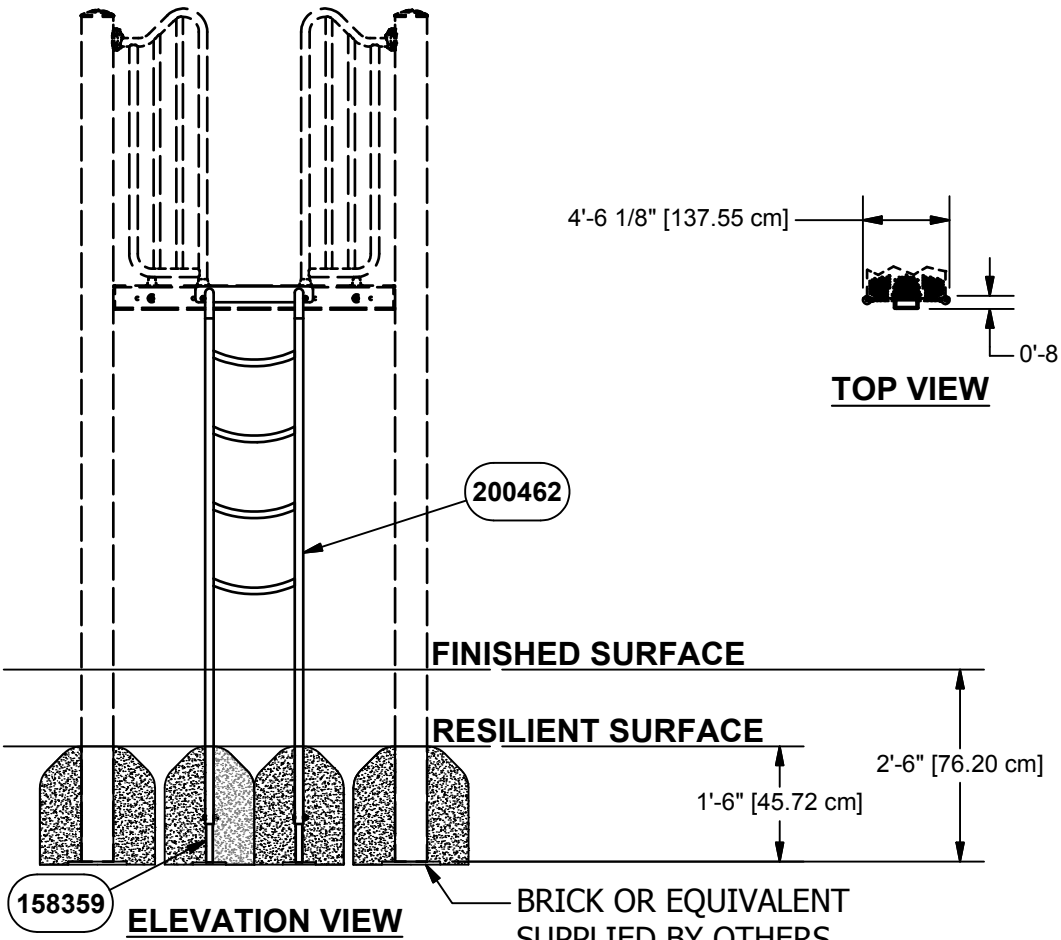
PLAN VIEW

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

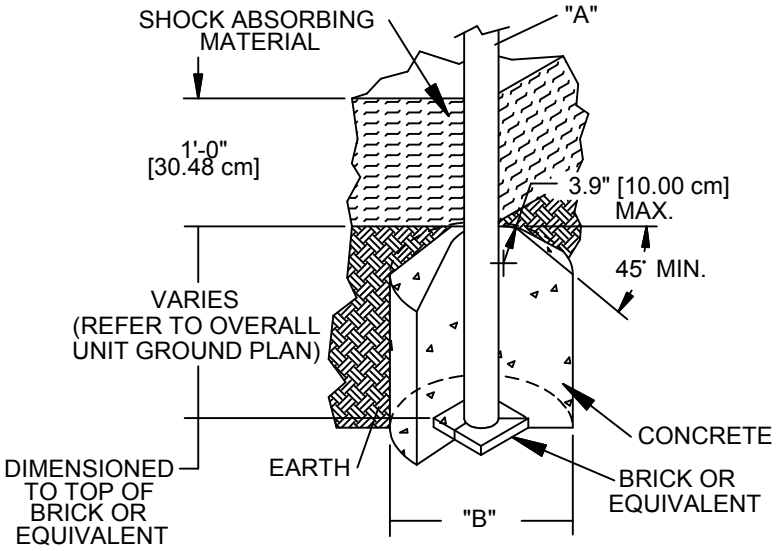
NOTE: HOLE DEPTHS INDICATED ON ALL GROUND PLANS ARE MEASURED FROM THE FINISHED SURFACE. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



TOP VIEW



ELEVATION VIEW
90106 5'-0" SHOWN
OTHERS SIMILAR

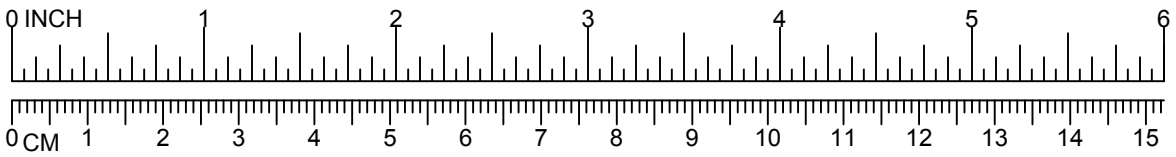


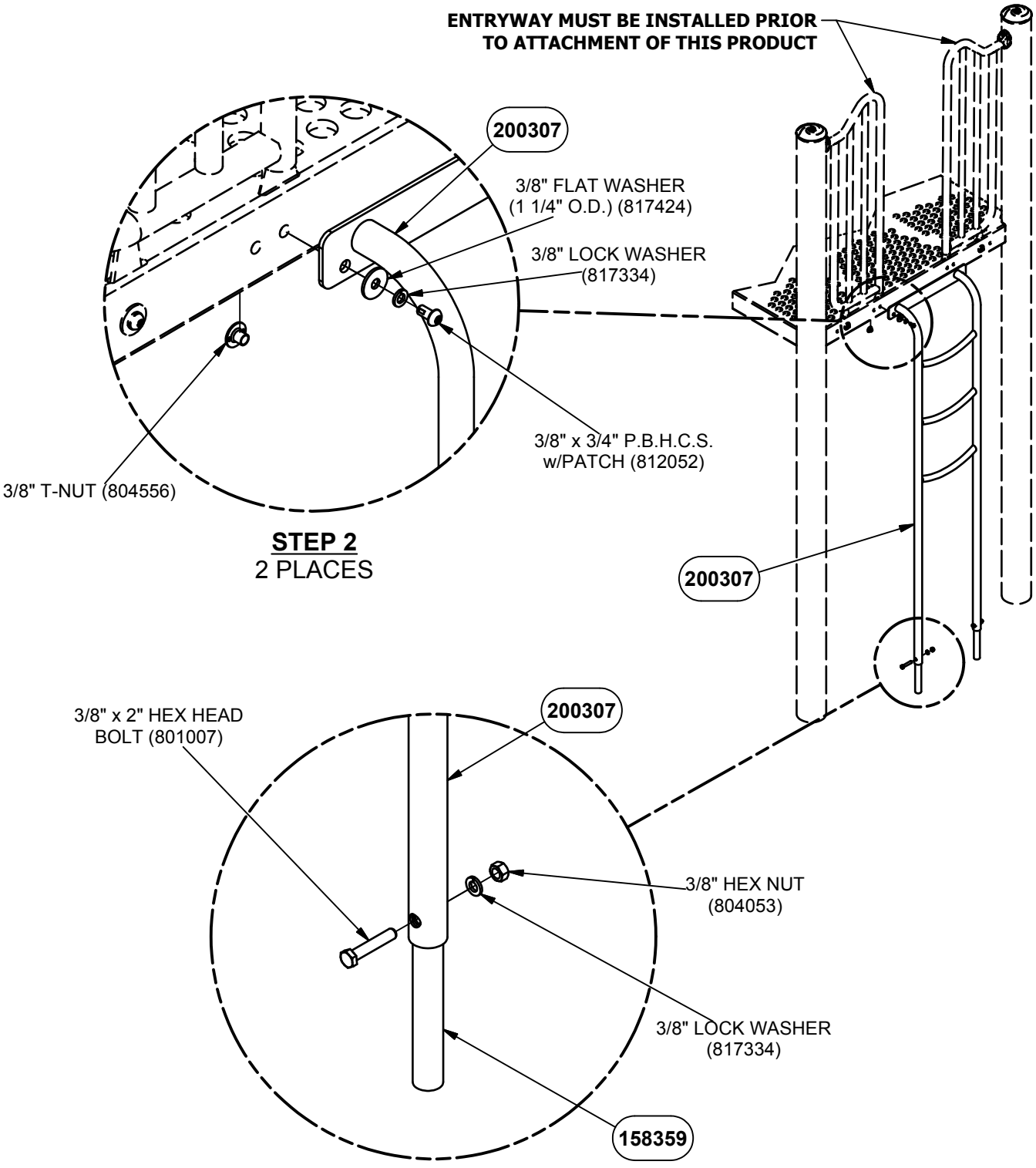
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
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3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK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

NOTES:
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-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
2 PLACES

STEP 1
2 PLACES

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

DETAIL VIEW

Parts List								
DESCRIPTION	90103	90104	90105	90106	90107	90108	90109	PART NUMBER
SCHOONER CLIMBER WELD ASS'Y	1	0	0	0	0	0	0	200473
SCHOONER CLIMBER WELD ASS'Y	0	1	0	0	0	0	0	200469
SCHOONER CLIMBER WELD ASS'Y	0	0	1	0	0	0	0	200307
SCHOONER CLIMBER WELD ASS'Y	0	0	0	1	0	0	0	200462
SCHOONER CLIMBER WELD ASS'Y	0	0	0	0	1	0	0	200466
SCHOONER CLIMBER WELD ASS'Y	0	0	0	0	0	1	0	200479
SCHOONER CLIMBER WELD ASS'Y	0	0	0	0	0	0	1	200482
HARDWARE COMPLETE	1	0	0	0	0	0	0	203664
HARDWARE COMPLETE	0	1	1	1	1	1	1	203665
EXTENSION	0	2	2	2	2	2	2	158359*
3/8" x 3/4" P.B.H.C.S. w/PATCH	2	2	2	2	2	2	2	812052*
3/8" x 2" HEX HEAD BOLT	0	2	2	2	2	2	2	801007*
3/8" LOCK WASHER	2	4	4	4	4	4	4	817334*
3/8" FLAT WASHER (1 1/4" O.D.)	2	2	2	2	2	2	2	817424*
3/8" HEX-NUT	0	2	2	2	2	2	2	804053*
3/8" T-NUT	2	2	2	2	2	2	2	804556*

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

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

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

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

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

PowerScape

GameTime
A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 11/25/2020

90138

VERT WALL CLIMBER

4' VERT WALL CLIMBER 90138
8' VERT WALL CLIMBER 90139



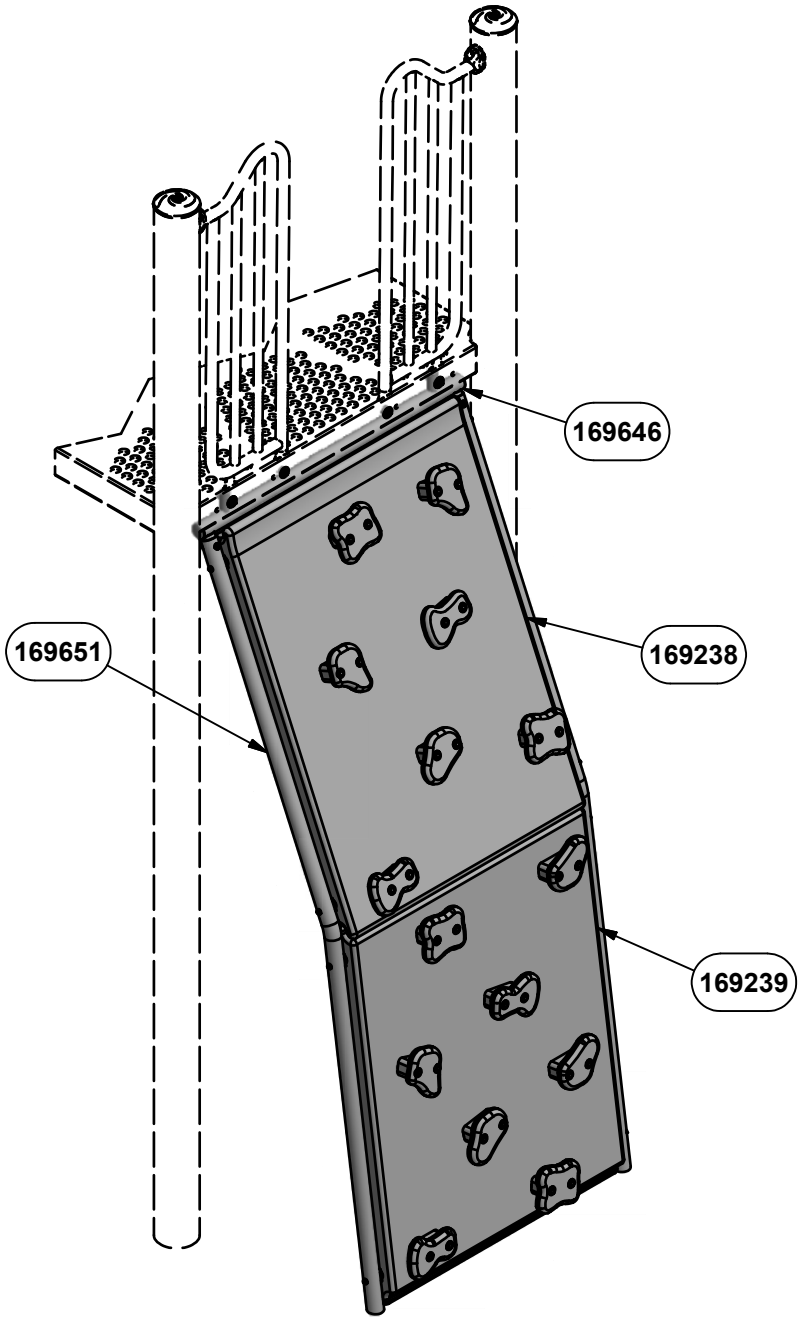
90138



90139

INSTALLATION INSTRUCTIONS

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3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
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ASSEMBLY VIEW
90139 SHOWN

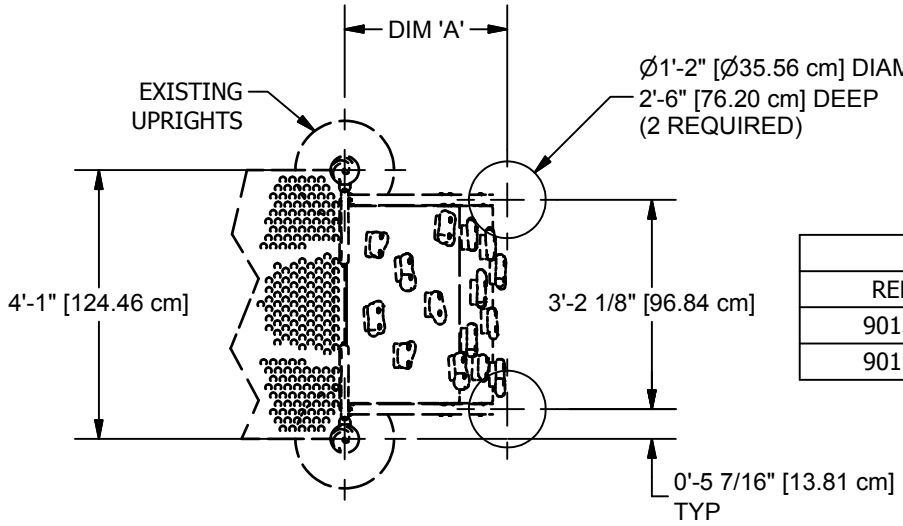
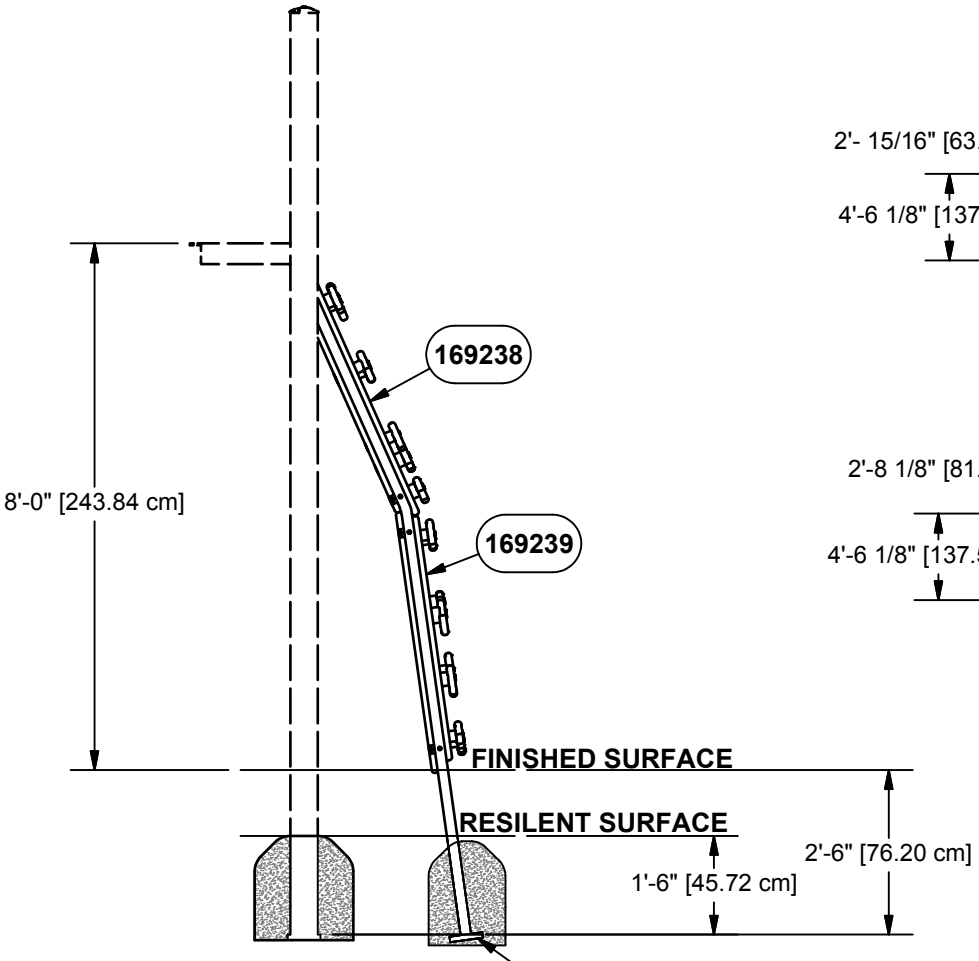


Table	
REF.	DIM. 'A'
90138	1'-7" [48.26 cm]
90139	2'-3 1/2" [69.85 cm]

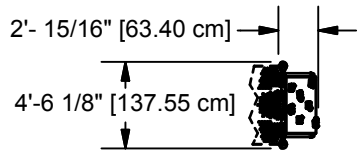
PLAN VIEW

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

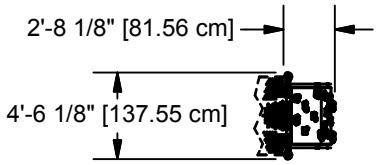
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



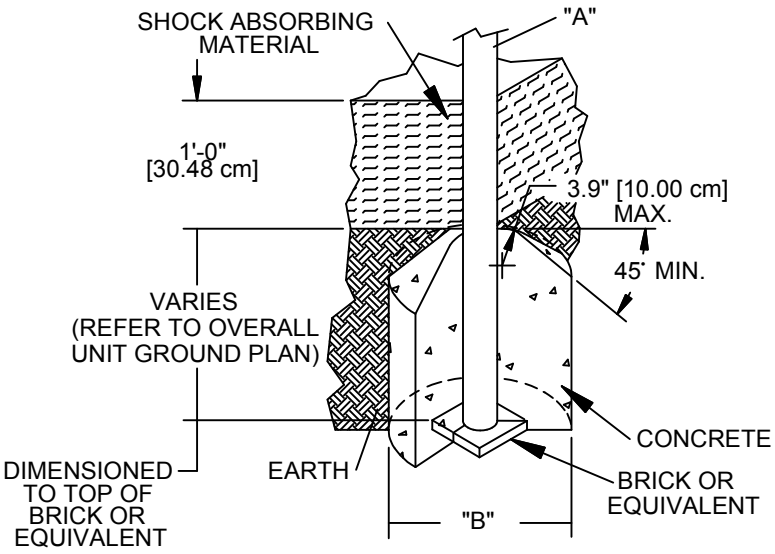
ELEVATION VIEW
90139 SHOWN
OTHER SIMILAR



TOP VIEW
90138



TOP VIEW
90139

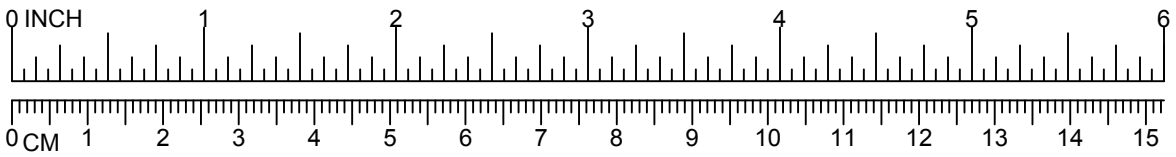


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
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TRACK RIDE & SWINGS	
5" [12.70 cm]	2'-0" [60.96 cm]
TREE SCAPE	
5" [12.70 cm]	4'-0" [121.92 cm]

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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



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

3/8" LOCK WASHER
(817334)

EXISTING
DECK

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

3/8" T-NUT (804556)

STEP 1
2 PLACES

169646

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

3/8" LOCK WASHER
(817334)

3/8" x 2" P.B.H.C.S.
w/PATCH (812055)

3/8" T-NUT (804556)

169646

STEP 2
2 PLACES

169646

3/8" LOCK WASHER
(817334)

3/8" T-NUT (804556)

3/8" x 2" P.B.H.C.S.
w/PATCH (812055)

EXISTING
UPRIGHTS

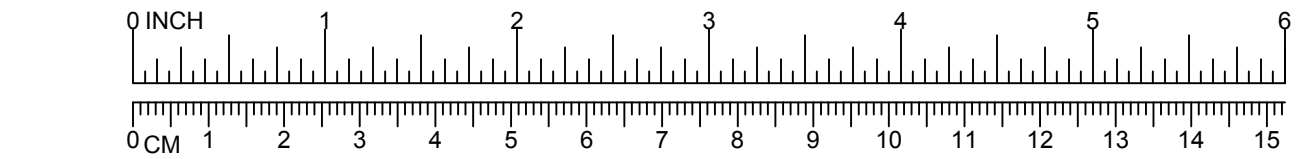
169651

169651

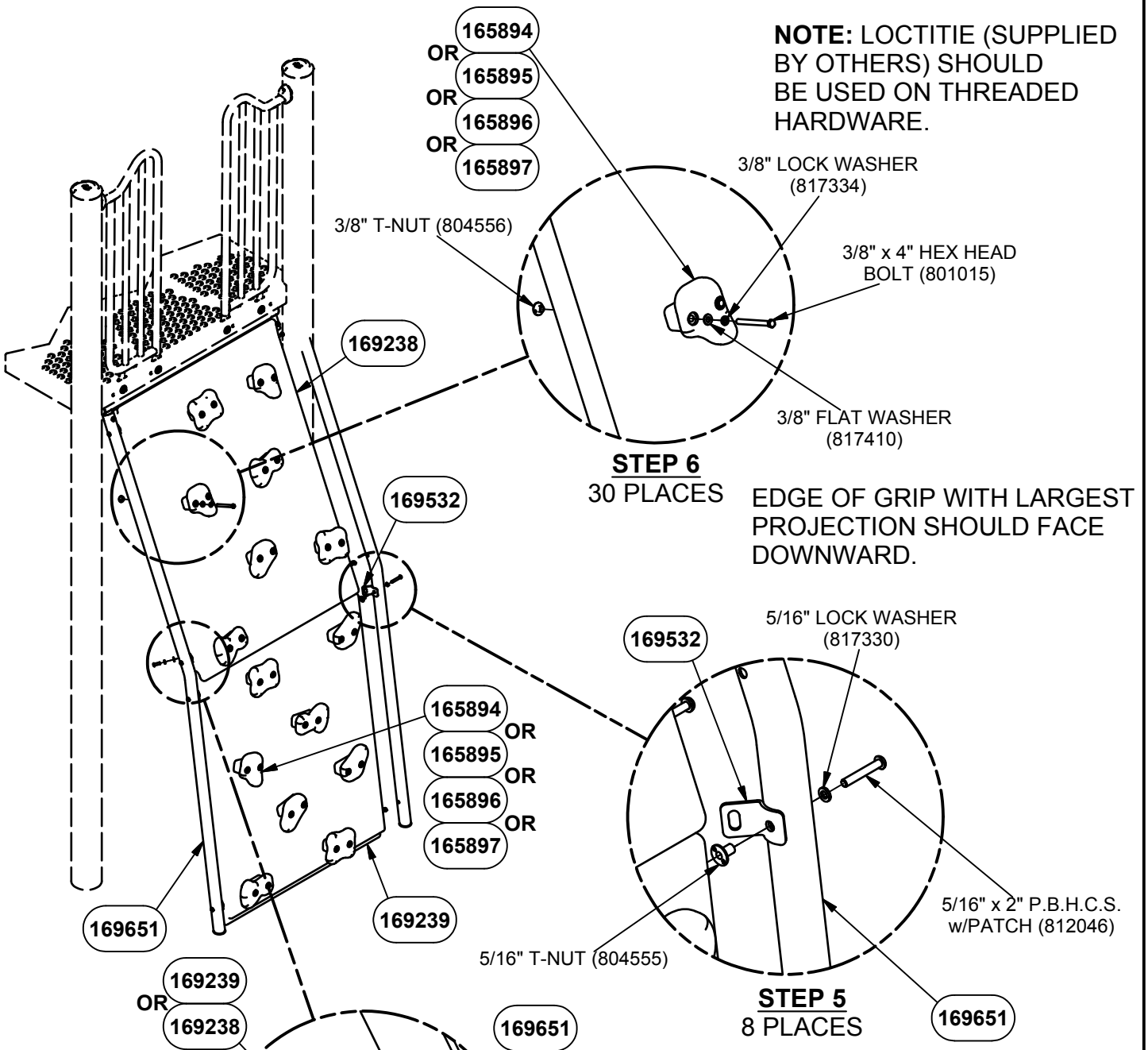
STEP 3
2 PLACES

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

DETAIL VIEW



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



STEP 6
30 PLACES

EDGE OF GRIP WITH LARGEST PROJECTION SHOULD FACE DOWNWARD.

STEP 5
8 PLACES

STEP 4
8 PLACES

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DETAIL VIEW

Parts List			
DESCRIPTION	90138	90139	PART NUMBER
FLAT WALL (TOP)	1	1	169238
FLAT WALL (BOTTOM)	0	1	169239
MOUNTING BRACKET	1	1	169646
4 FT. ATTACHMENT STRUT	2	0	169650
8 FT. ATTACHMENT STRUT	0	2	169651
TAB	4	8	169532
MOLDED GRIP #1	2	3	165894
MOLDED GRIP #2	2	4	165895
MOLDED GRIP #3	2	4	165896
MOLDED GRIP #4	1	4	165897
HARDWARE COMPLETE	1	0	203655
HARDWARE COMPLETE	0	1	203656
5/16" x 1" B.H.C.S.	4	8	811042*
5/16" x 2" P.B.H.C.S. w/PATCH	4	8	812046*
5/16" FLAT WASHER (5/8" O.D.)	4	8	817406*
5/16" LOCK WASHER	8	16	817330*
5/16" T-NUT	4	8	804555*
5/16" PIN-IN TORX BIT	2	2	812654*
5/16" PIN-IN TORX KEY	2	2	812657*
3/8" x 3/4" P.B.H.C.S. w/PATCH	2	2	812052*
3/8" x 2" P.B.H.C.S. w/PATCH	4	4	812055*
3/8" x 4" HEX HEAD BOLT	14	30	801015*
3/8" FLAT WASHER (1 1/4" O.D.)	4	4	817424*
3/8" FLAT WASHER	14	30	817410*
3/8" LOCK WASHER	20	36	817334*
3/8" T-NUT	20	36	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.

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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.

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PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 09/03/2024

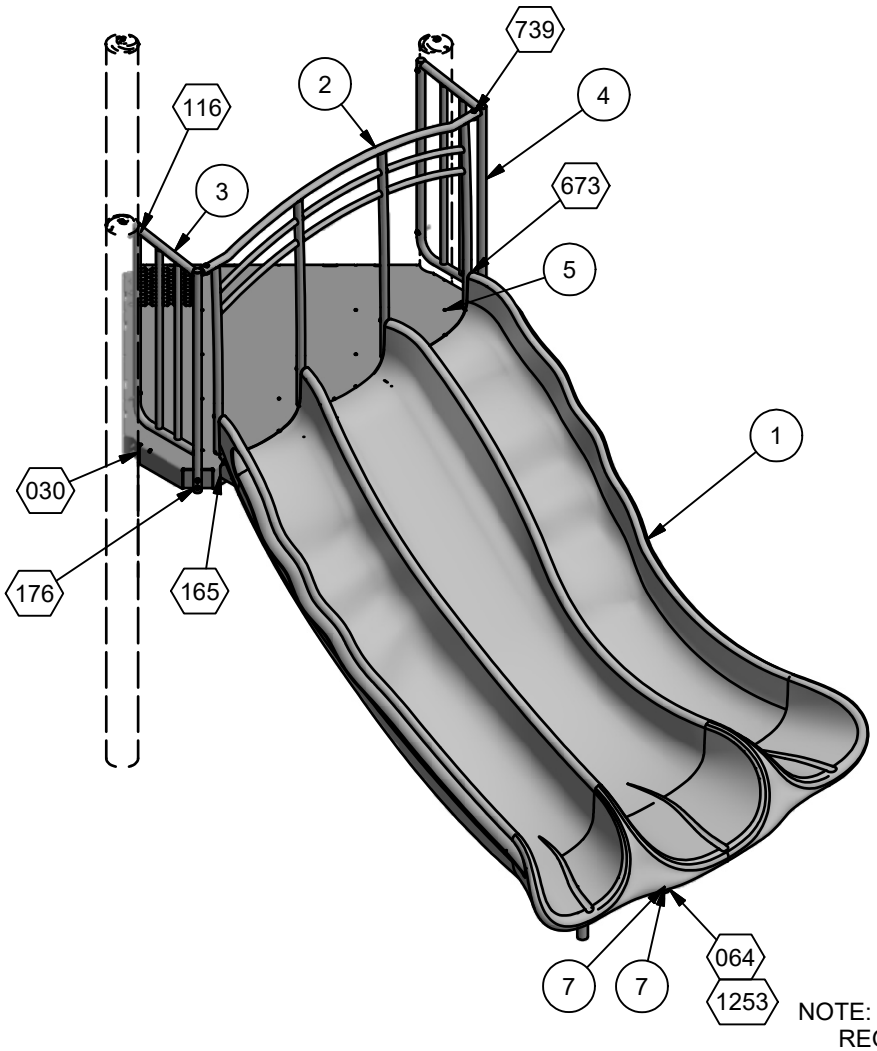
90157

TRIPLE SLIDE

⬡ = INSTALLATION DETAIL

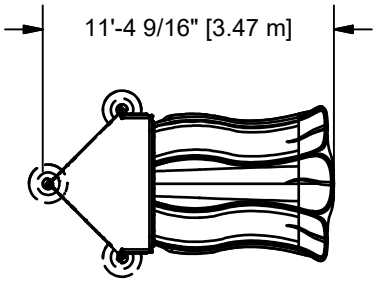
◯ = PARTS LIST REFERENCE





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

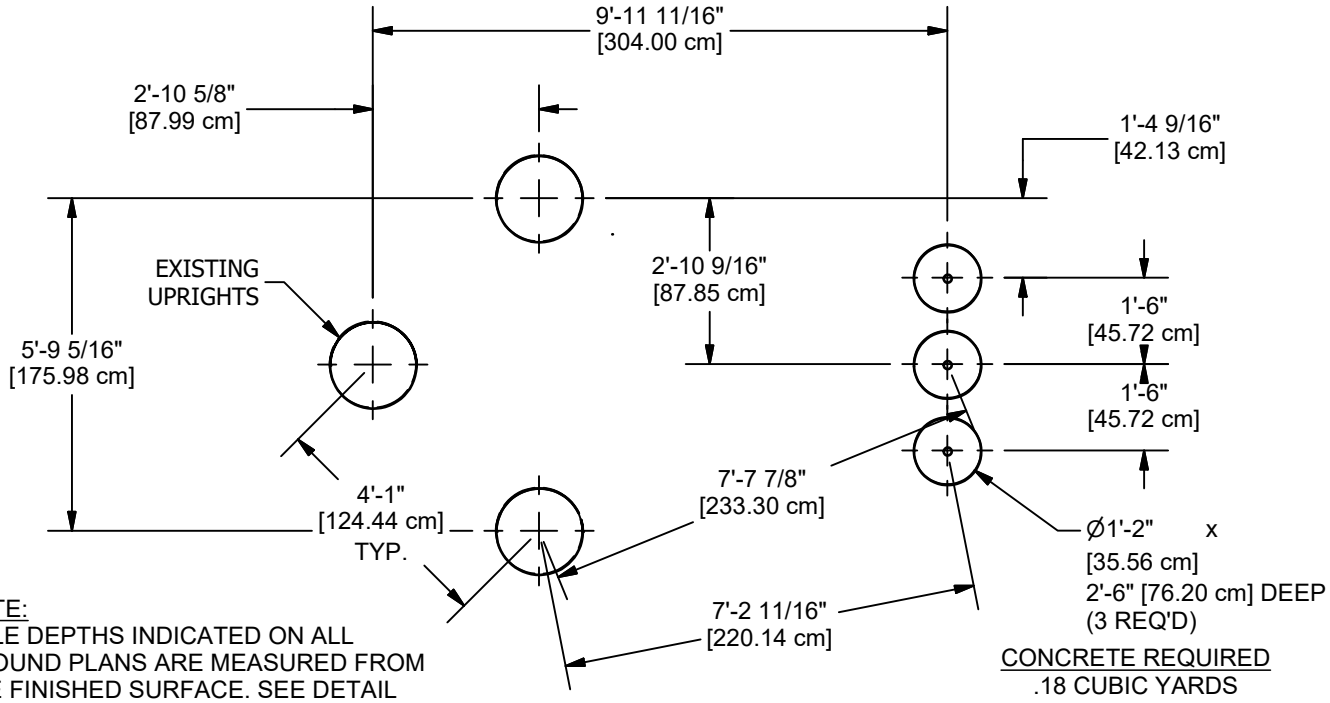
ASSEMBLY DRAWING



TOP VIEW

INSTALLATION INSTRUCTIONS

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



NOTE:
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GROUND PLAN

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

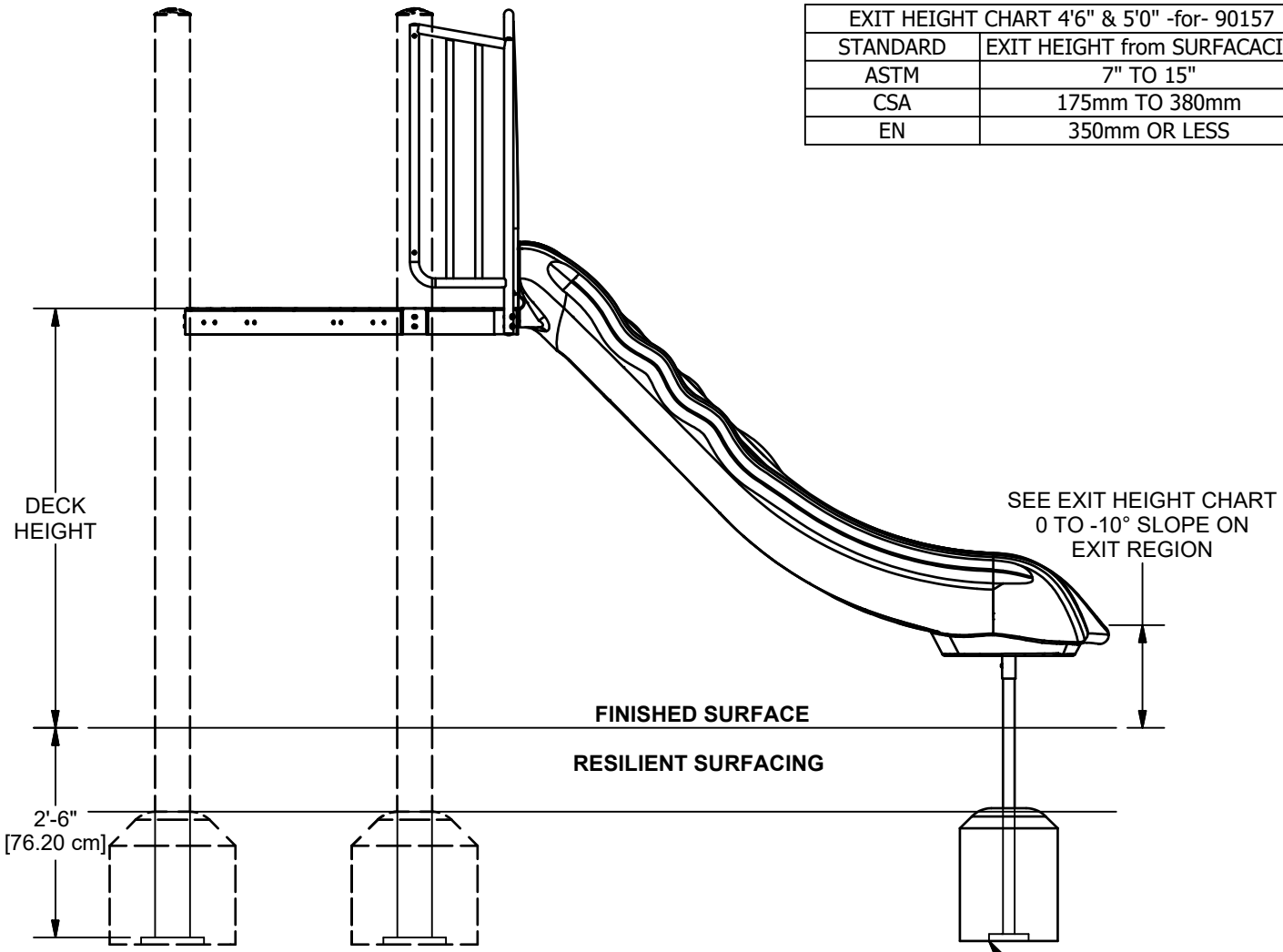
Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	TRIPLE SLIDE	1	311532
2	ARCH ENCLOSURE WELD ASS'Y	1	205238
3	CROSSBAR SUPPORT RIGHT ASS'Y	1	203555
4	CROSSBAR SUPPORT LEFT ASS'Y	1	203552
5	DIAMOND DECK	1	163360
6	FOOTBUCK PLATE	3	223226
7	FOOTBUCK PIPE, 34 1/4"	3	223452
	HARDWARE COMPLETE	1	203470
	EXTENSION LEG	3	152110*
	3/8" x 3/4" P.B.H.C.S. w/PATCH	6	812052*
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	2	812051*
	3/8" x 1 1/4" SELF TAPPING TORX w/PATCH	3	HWS0081*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	6	812053*
	3/8" x 1 1/2" P.B.H.C.S.	6	810053*
	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	4	812055*
	3/8" x 2 1/2" HEX HEAD BOLT	3	801009*
	3/8" x 2 1/2" P.B.H.C.S. w/PATCH	4	812057*
	3/8" FLAT WASHER	6	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	12	817424*
	3/8" LOCK WASHER	35	817334*
	3/8" HEX NUT	3	804053*
	3/8" T-NUT	6	804556*

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

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

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

EXIT HEIGHT CHART 4'6" & 5'0" -for- 90157	
STANDARD	EXIT HEIGHT from SURFACACING
ASTM	7" TO 15"
CSA	175mm TO 380mm
EN	350mm OR LESS



ELEVATION VIEW

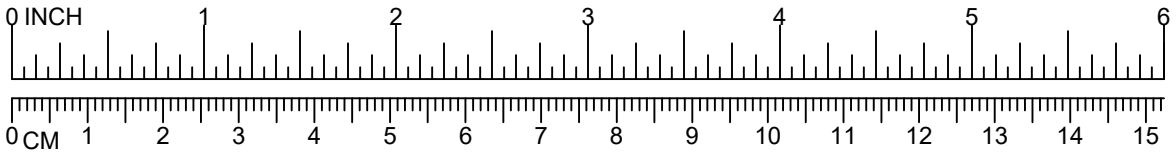
DETAILS -for-
90157

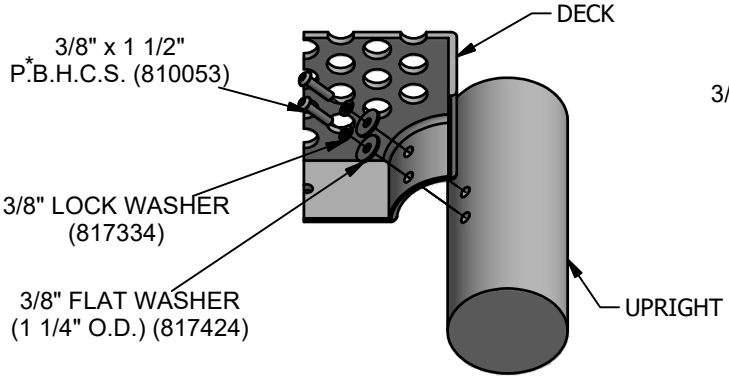
*I*MPORTANT

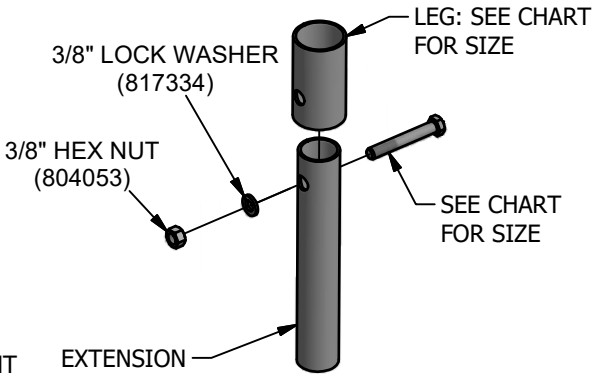
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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.







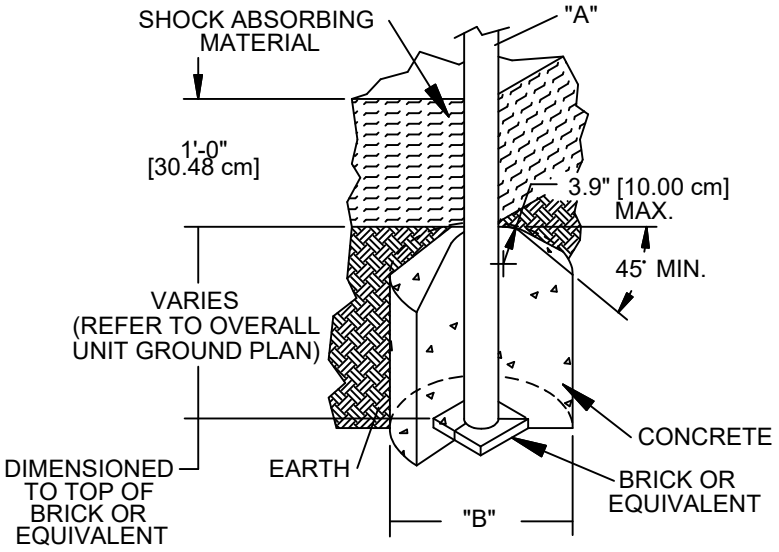
LEG (PIPE DIA.)	BOLT REQUIRED
1 5/16" [3.3 cm]	3/8" x 2" HEX HEAD (801007)
1 5/8" [4.1 cm]	3/8" x 2 1/2" HEX HEAD (801009)
1 7/8" [6.0 cm]	3/8" x 3" HEX HEAD (801011)
2 3/8" [6.0 cm]	3/8" x 3 1/2" HEX HEAD (801013)

064

*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



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.

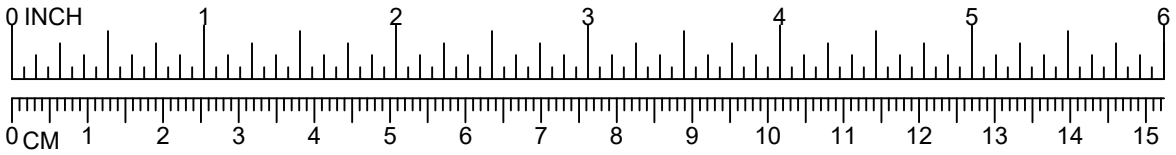
DETAILS -for-
90157

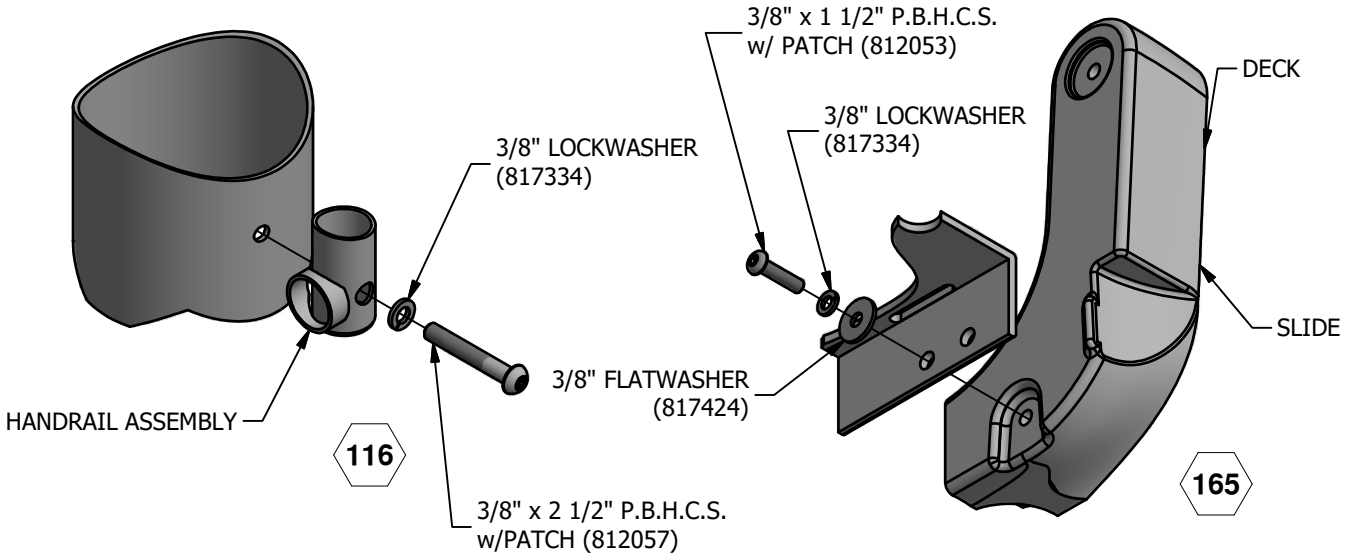
*I*MPORTANT

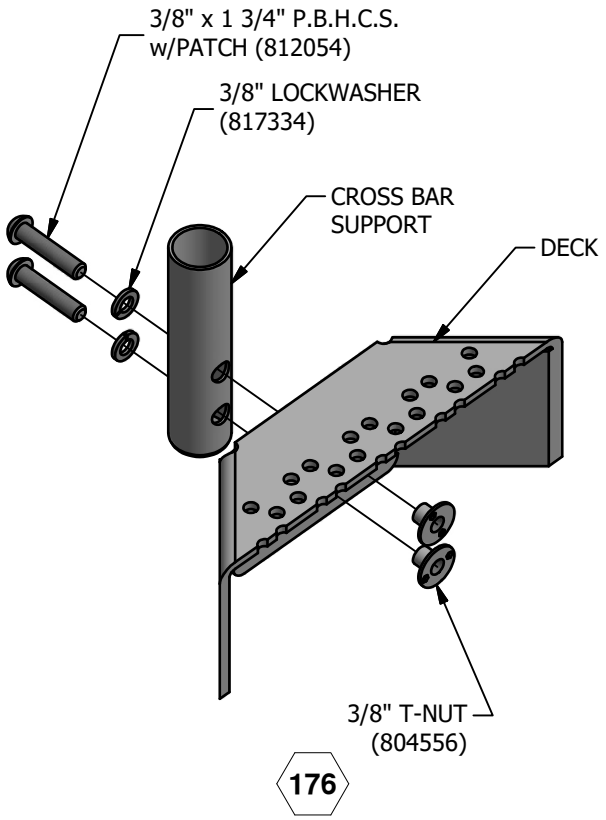
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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.







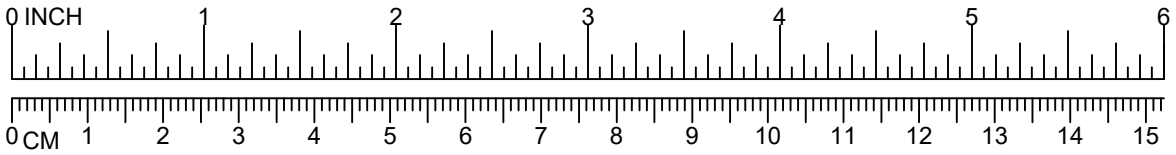
DETAILS -for-
90157

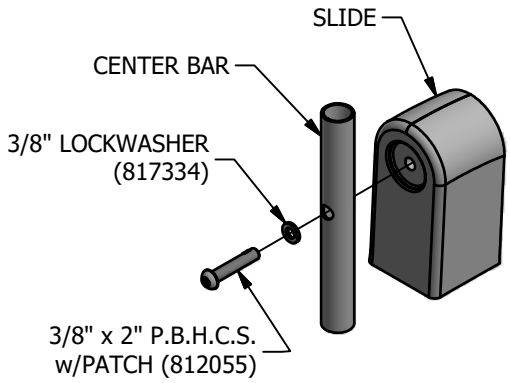
*I*MPORTANT

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.

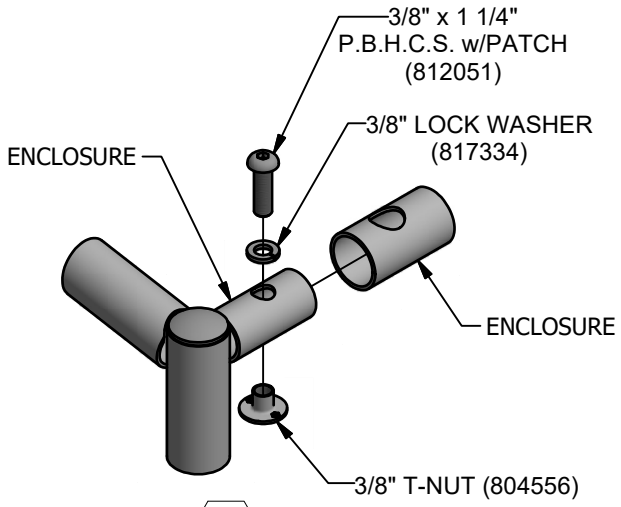
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





673



739

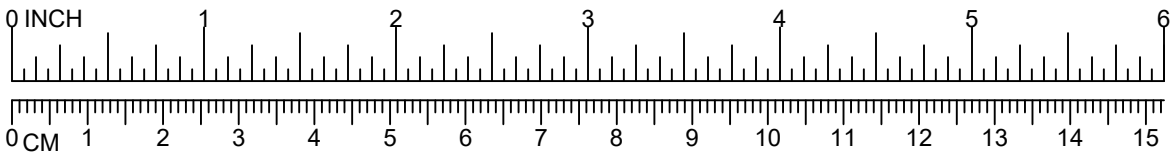
DETAILS -for-
90157

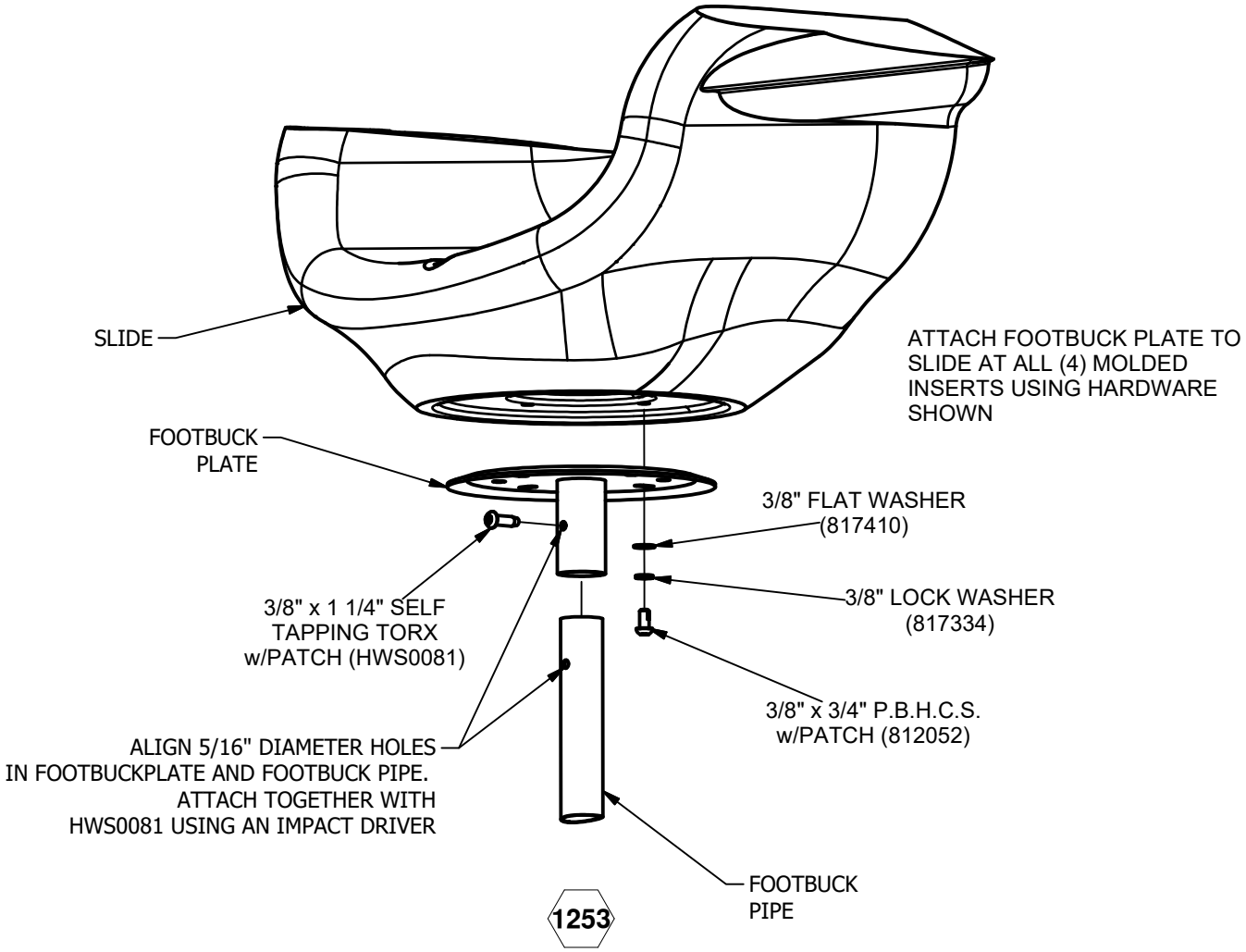
*I*MPORTANT

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.

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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: 02/11/2022

90176
ADA
CROW'S NEST

w/ GIZMO PANEL 90176
FOR GIZMOS, SEE INSTALLATION SHEET 4956

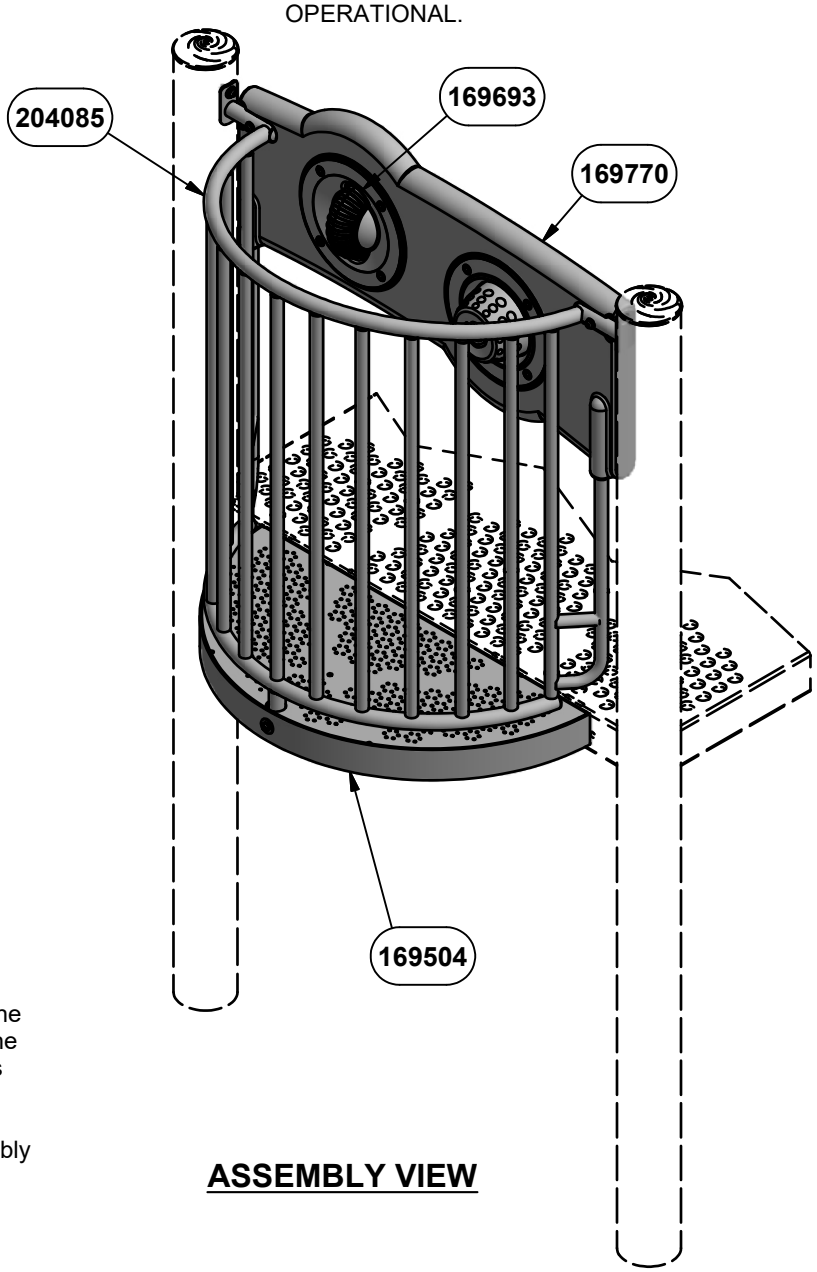


UP TO 5'-0" DECK HEIGHTS



ALL DECK HEIGHTS

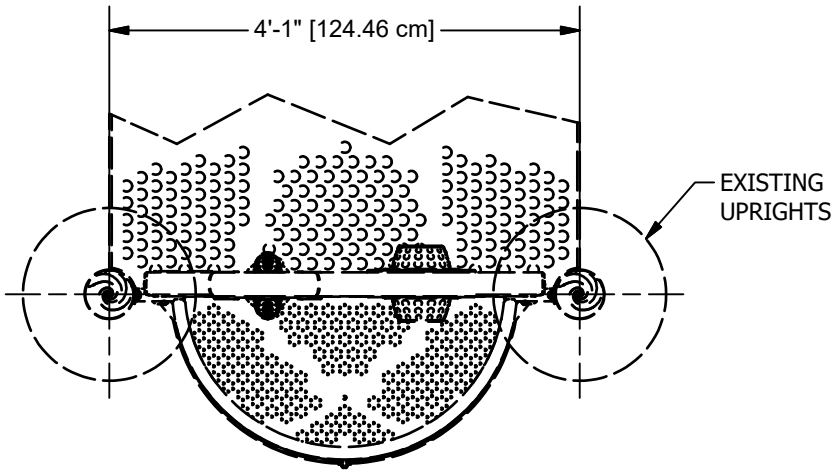
NOTE: ALL OPENINGS ON PANEL MUST BE FILLED WITH A GIZMO BEFORE PLAYGROUND IS OPERATIONAL.



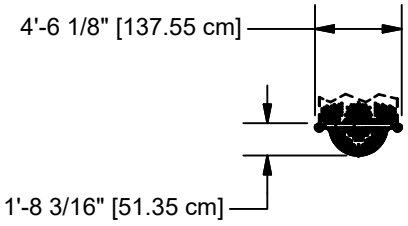
ASSEMBLY VIEW

INSTALLATION INSTRUCTIONS

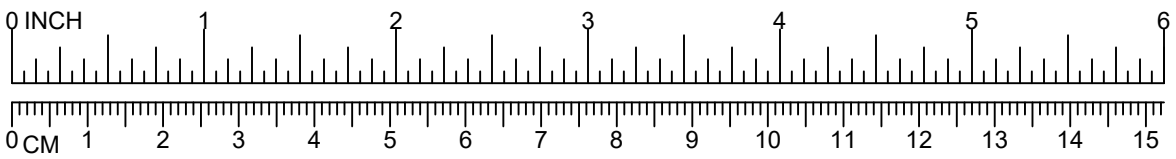
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE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

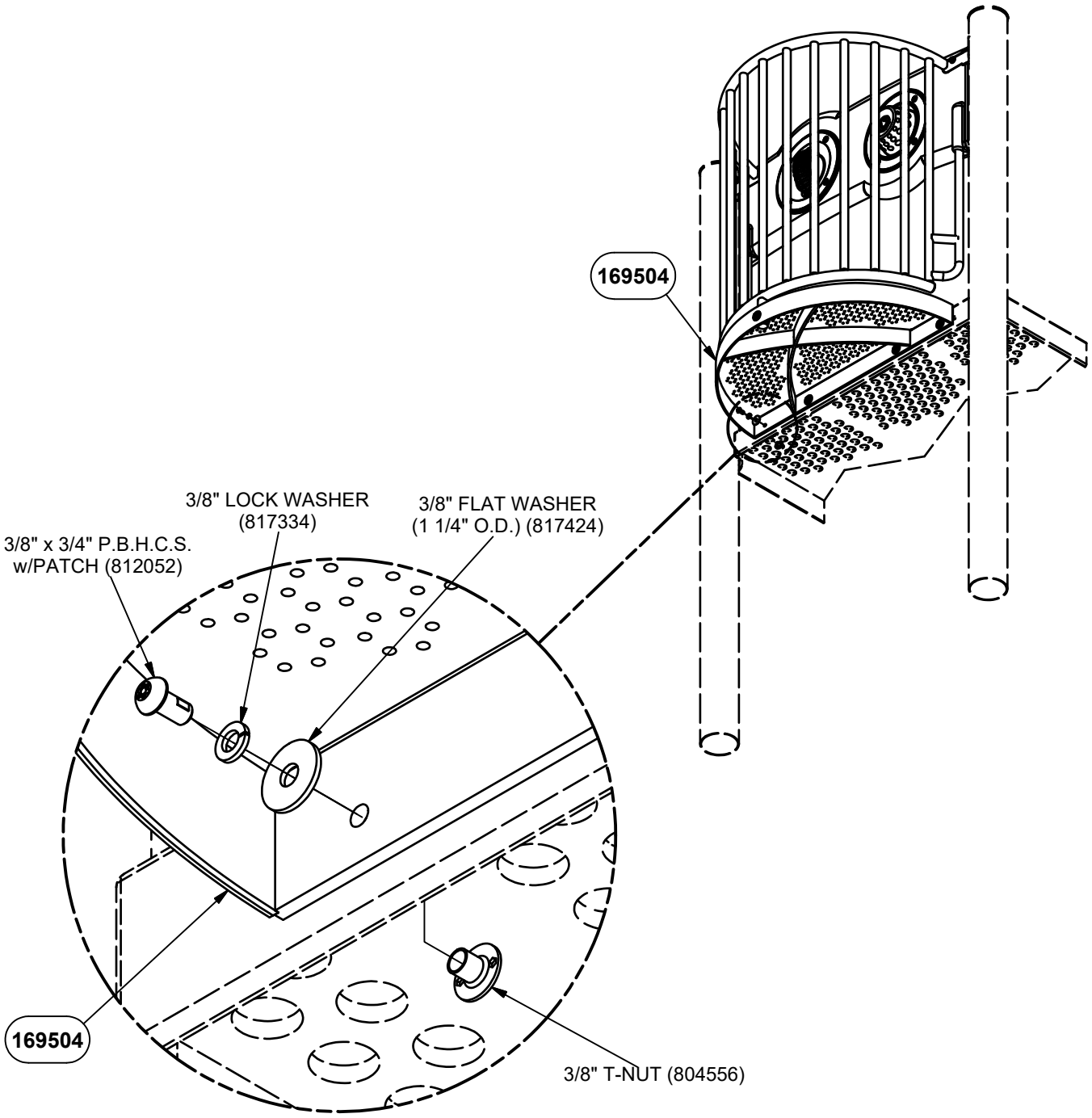


PLAN VIEW



TOP VIEW

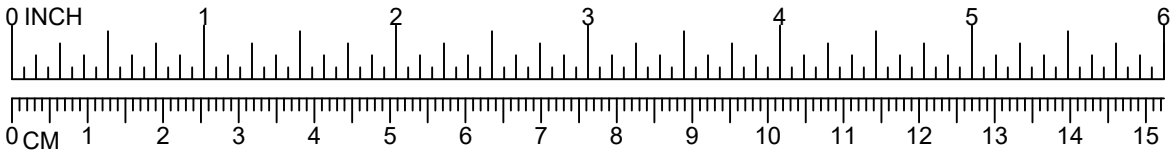


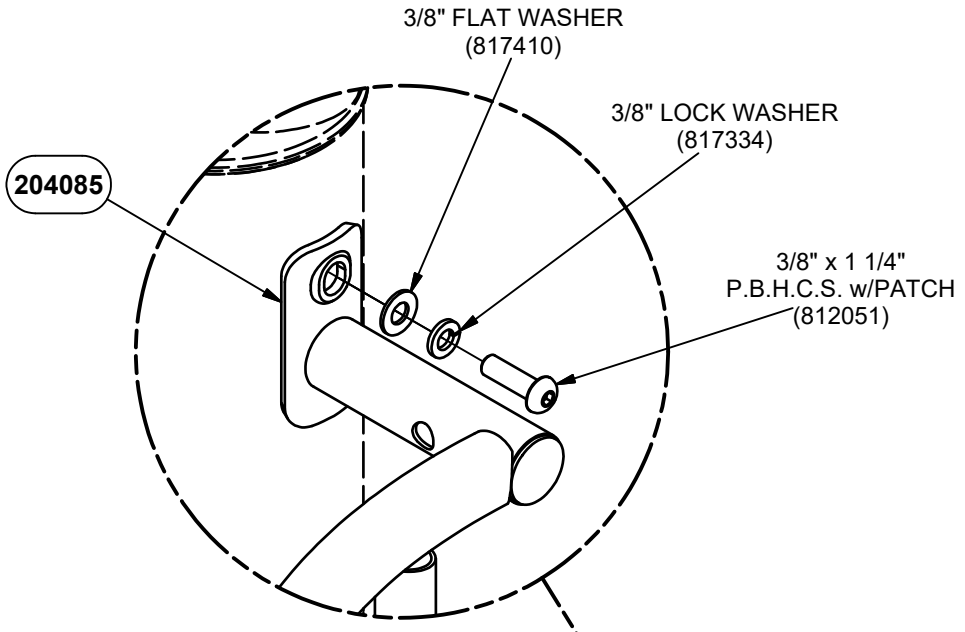


STEP 1
4 PLACES

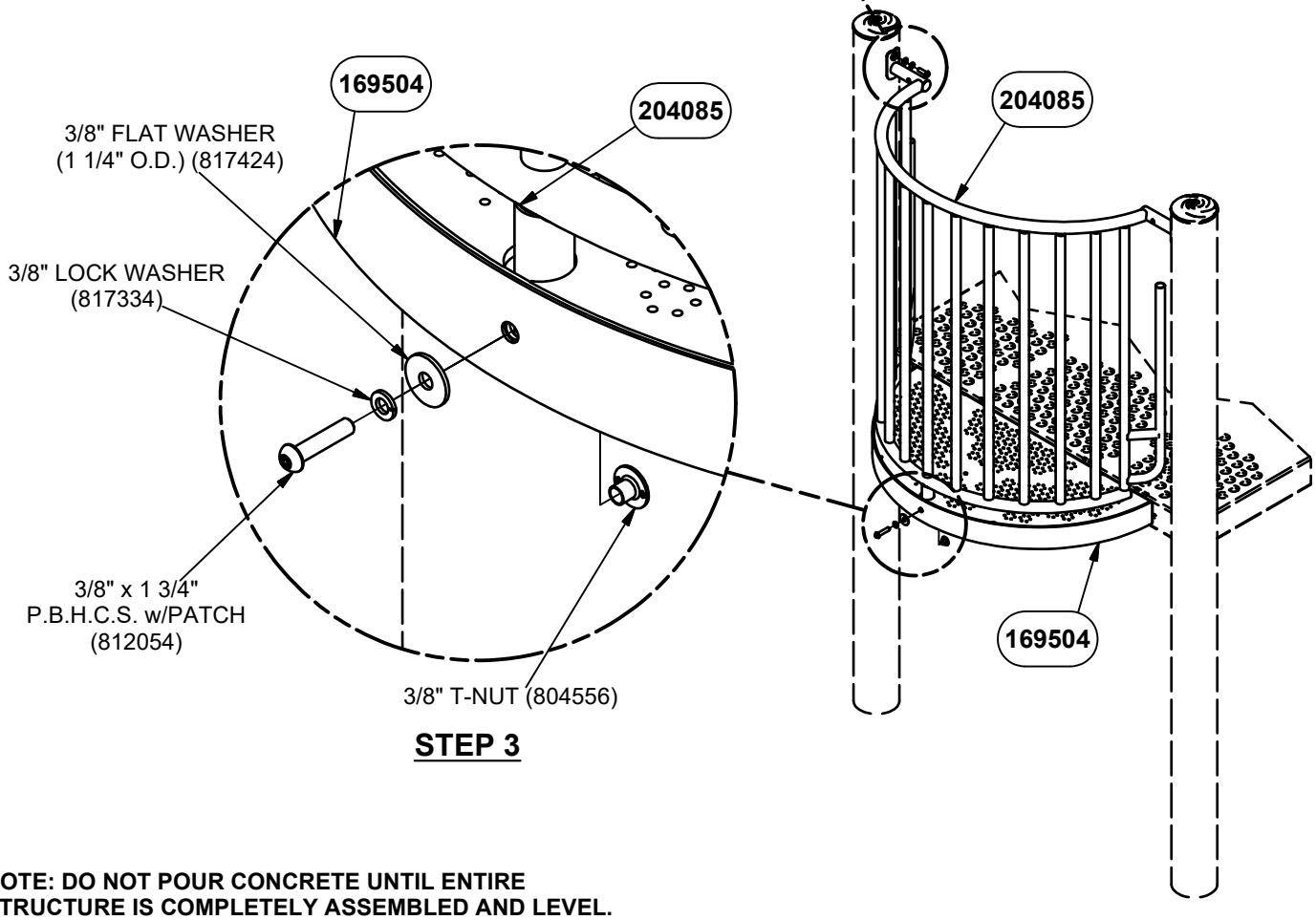
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW





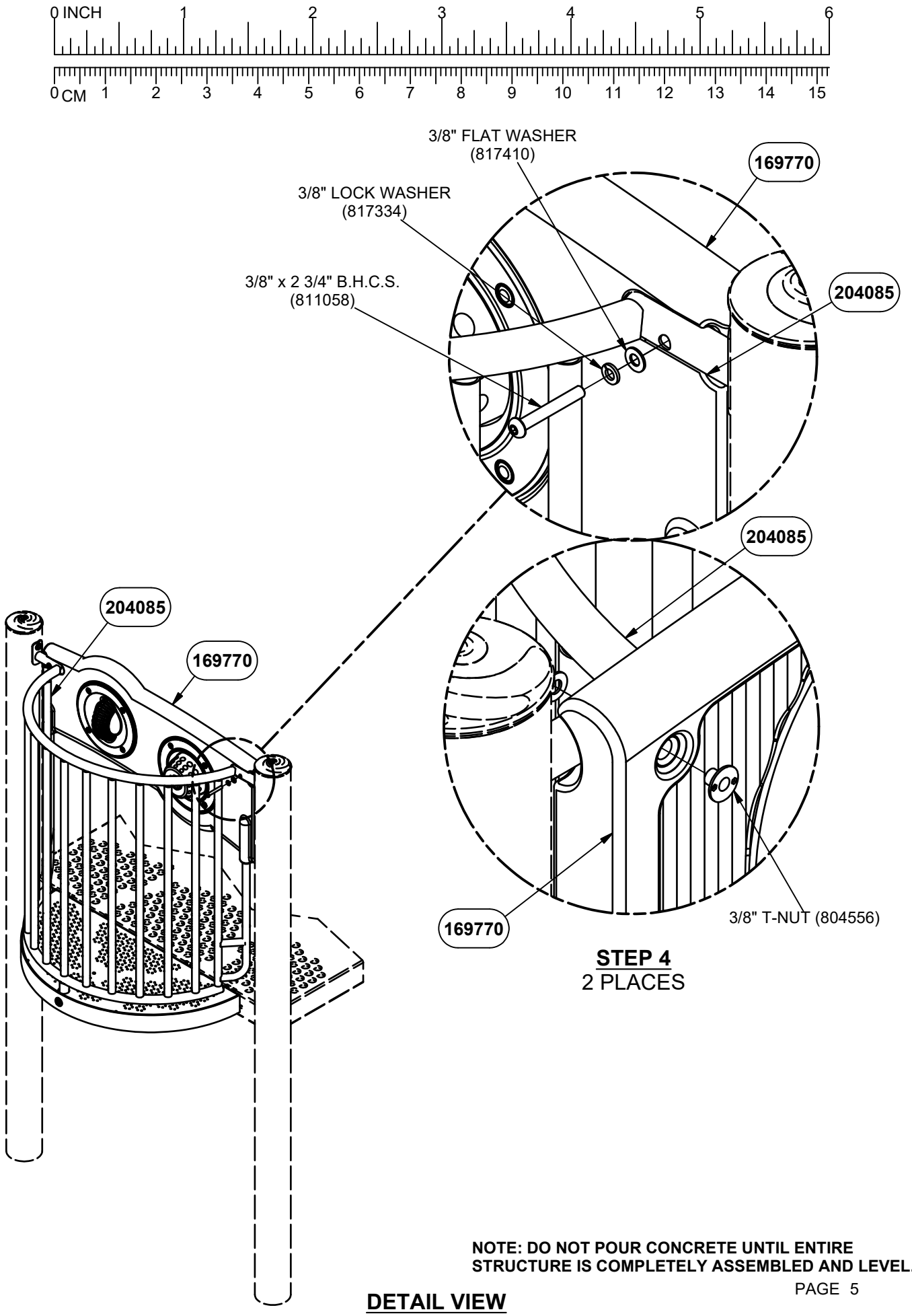
STEP 2
2 PLACES



STEP 3

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

DETAIL VIEW



STEP 4
2 PLACES

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

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
ADA GIZMO PANEL	1	169770
CROW'S NEST ENCLOSURE	1	204085
CROW'S NEST PLATFORM (ADA)	1	169504
HARDWARE COMPLETE	1	204095
3/8" x 3/4" P.B.H.C.S. w/PATCH	4	812052*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	2	812051*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	1	812054*
3/8" x 2 3/4" B.H.C.S.	2	811058*
3/8" FLAT WASHER	4	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	5	817424*
3/8" LOCK WASHER	9	817334*
3/8" T-NUT	7	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 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.

PowerScape

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1-800-235-2440

ISSUED/REVISED: 9/25/23

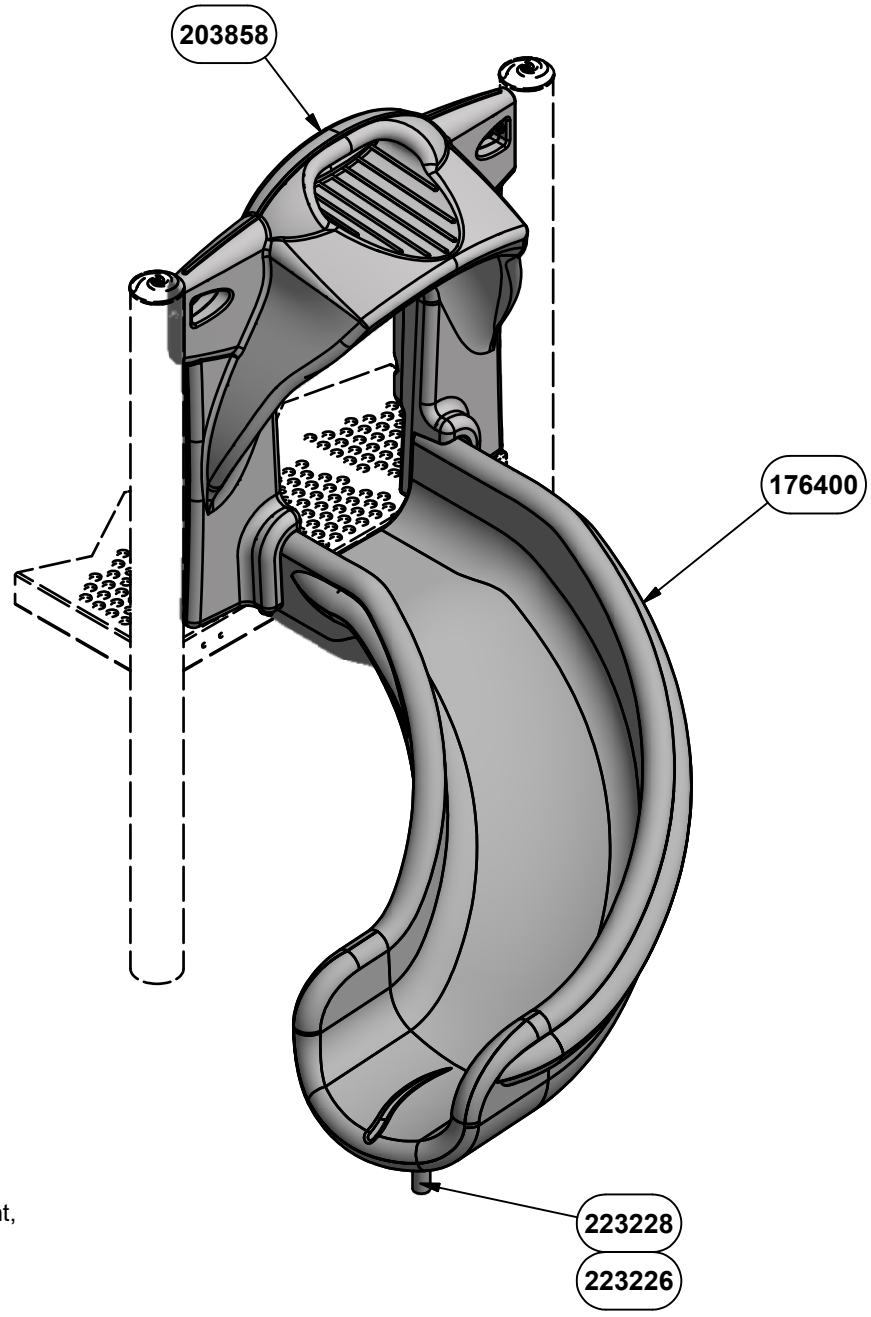
90193 CURVED ZIP SLIDE

2'-6" / 3'-0" 90193

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

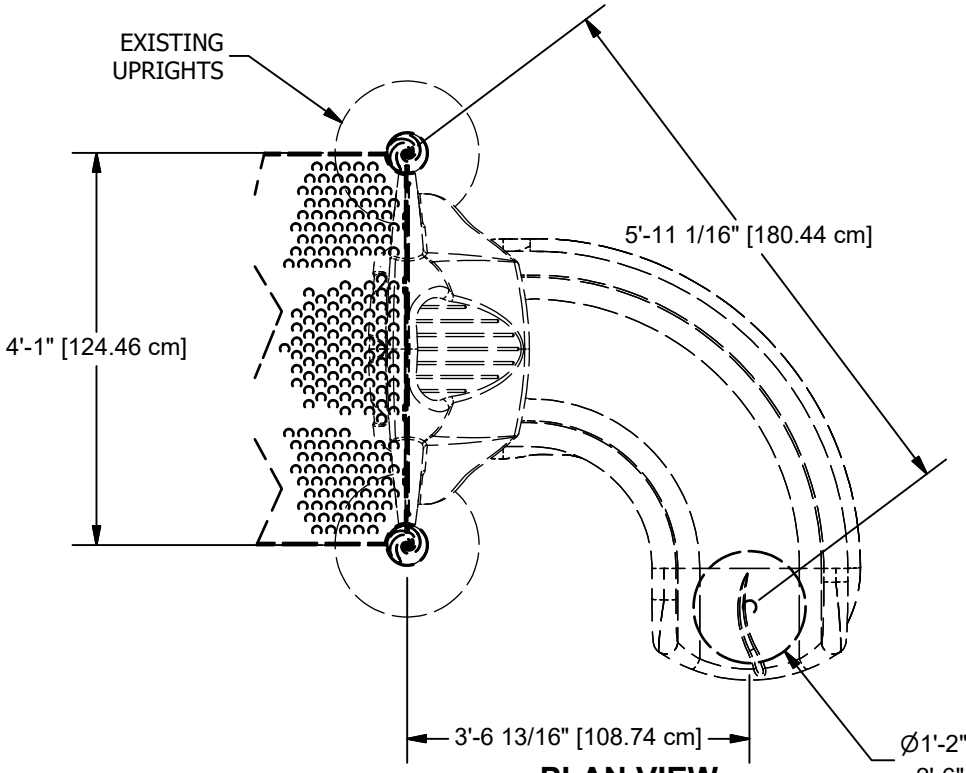




ASSEMBLY DRAWING

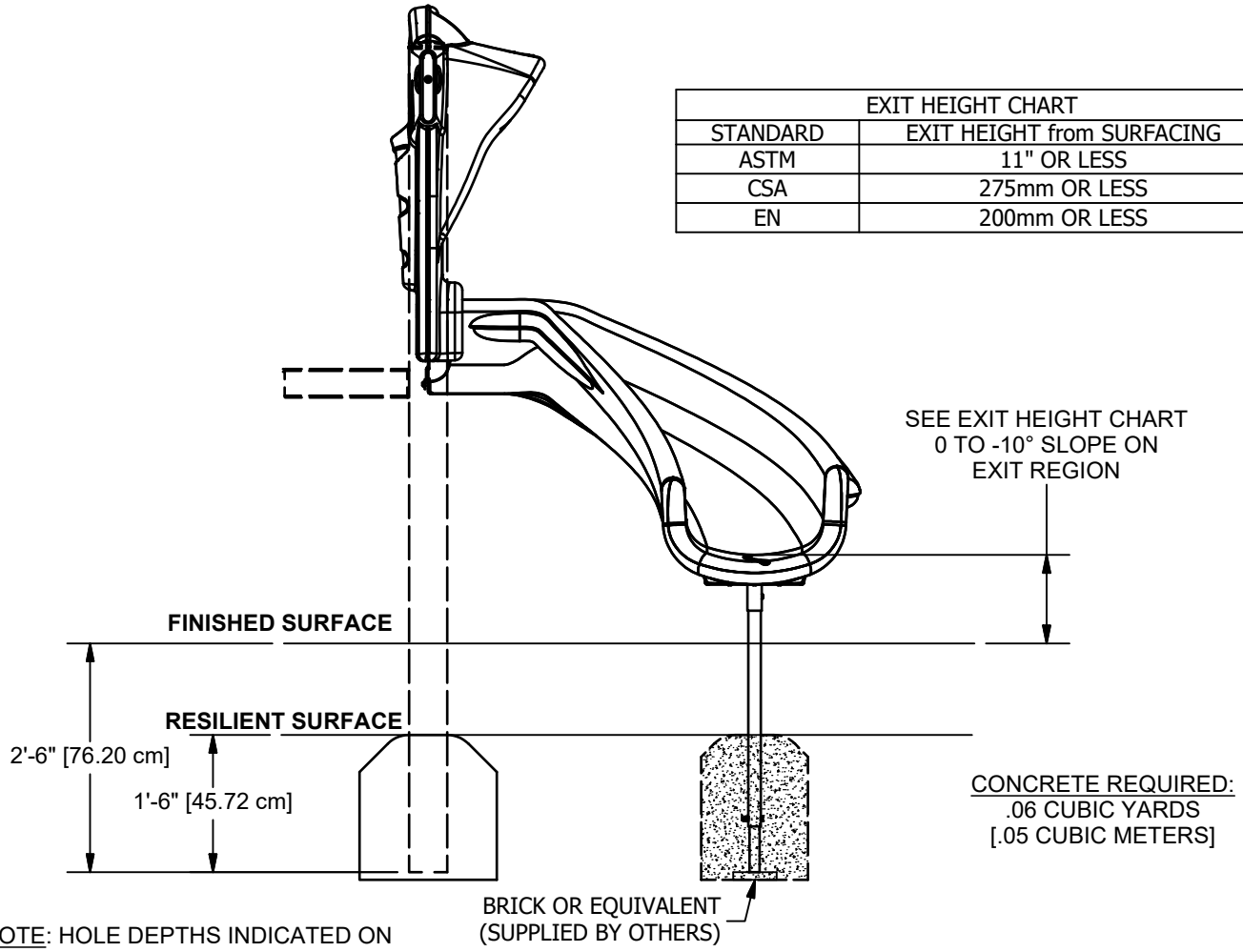
INSTALLATION INSTRUCTIONS

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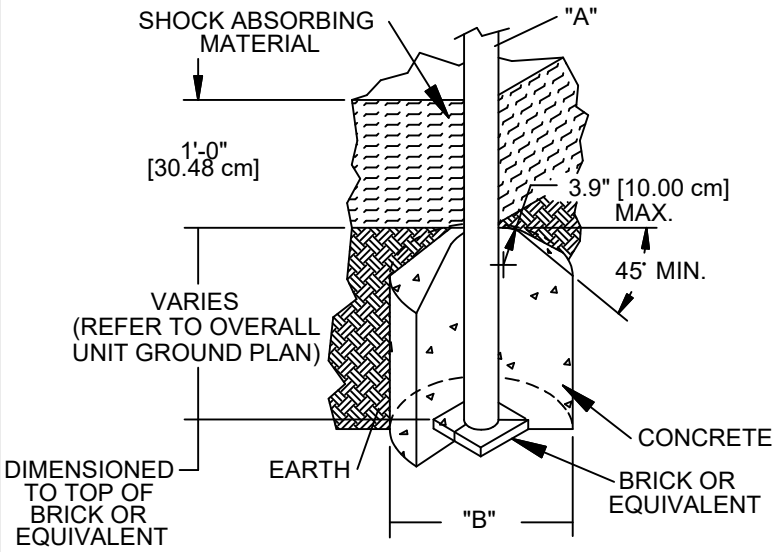
PLAN VIEW

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



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.

ELEVATION VIEW

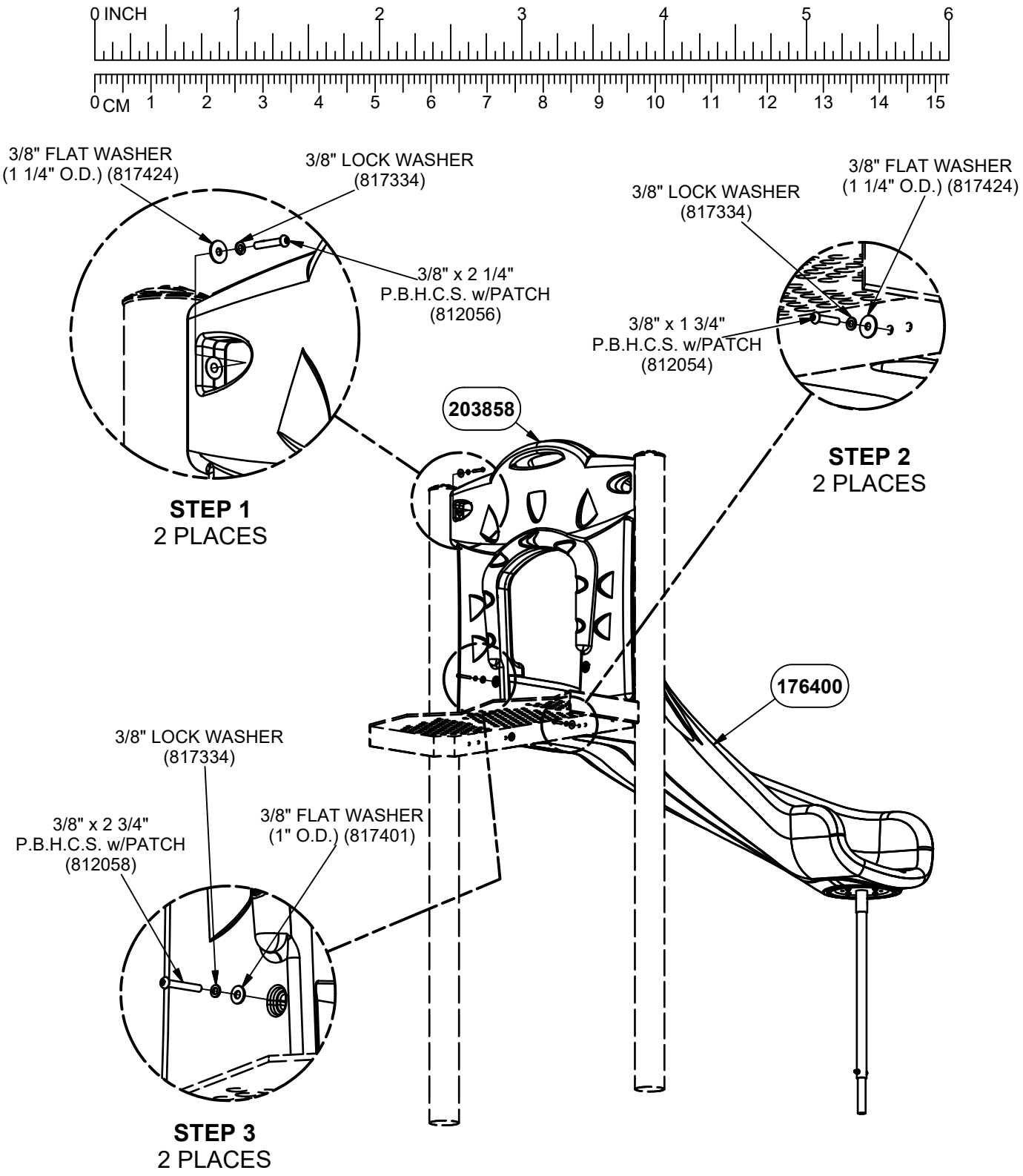


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
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5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS	
5" [12.70 cm]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

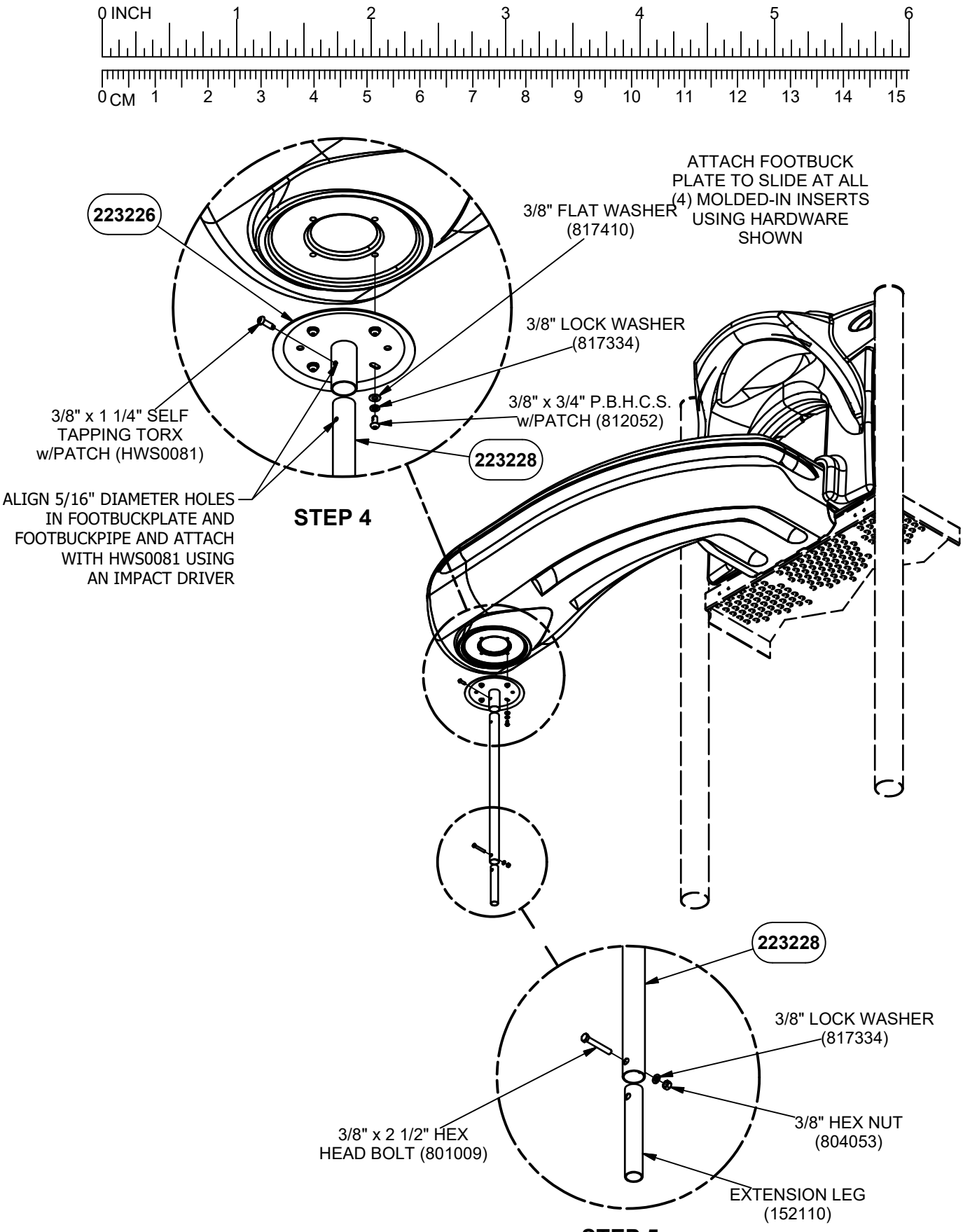
NOTES:
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-SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

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.



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

Parts List		
DESCRIPTION	QTY	PART NUMBER
SINGLE ZIP SLIDE HOOD	1	203858
3' CURVED ZIP SLIDE	1	176400
FOOTBUCK PLATE	1	223226
FOOTBUCK PIPE	1	223228
HARDWARE COMPLETE	1	223413
3/8" x 2 3/4" P.B.H.C.S. w/PATCH	2	812058*
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	2	812056*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	812054*
3/8" x 3/4" P.B.H.C.S. w/PATCH	4	812052*
3/8" FLAT WASHER (1 1/4" O.D.)	4	817424*
3/8" FLAT WASHER (1" O.D.)	2	817401*
3/8" FLAT WASHER	4	817410*
3/8" LOCK WASHER	11	817334*
3/8" HEX NUT	1	804053*
3/8" x 1 1/4" SELF TAPPING TORX w/PATCH	1	HWS0081*
3/8" x 2 1/2" HEX HEAD BOLT	1	801009*
EXTENSION LEG	1	152110*

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.

PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 3/5/13

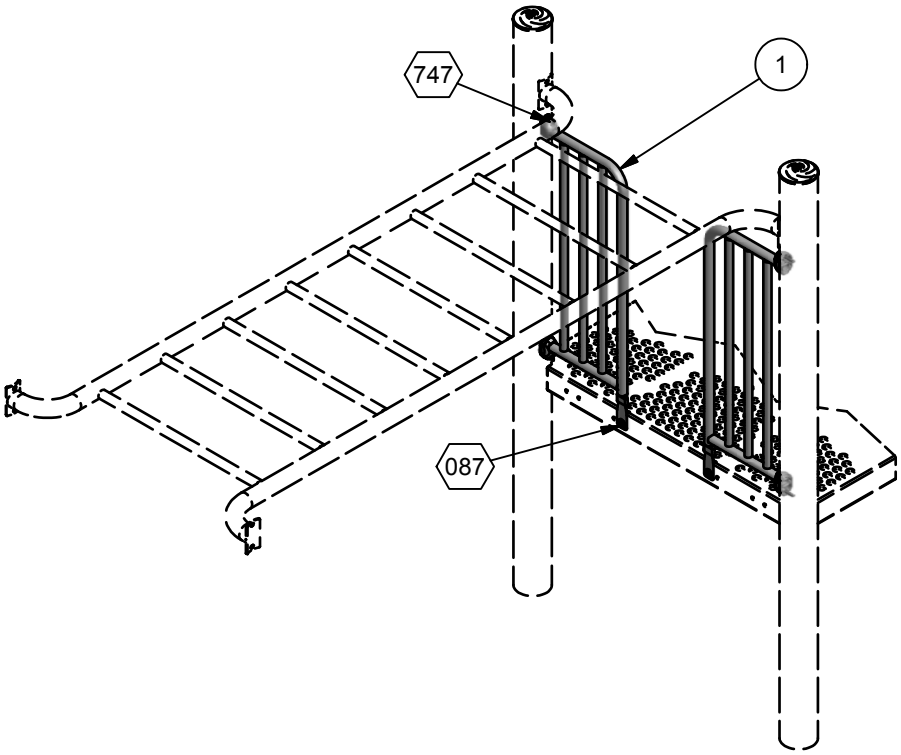
90207 OVERHEAD LADDER ACCESS PACKAGE

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

This play equipment is designed for CHILDREN 5 TO 12 YEARS OLD Adult supervision is recommended

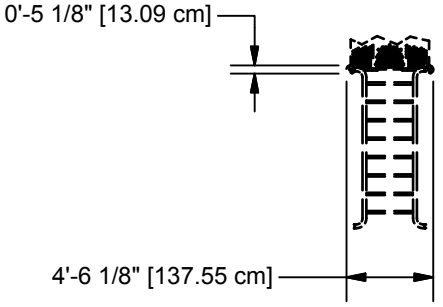
Enriching Childhood Through Play.™ www.gametime.com



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.



TOP VIEWS

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	D-RING w/INFILL WELD ASS'Y	2	206044
	TRU-LOC	4	A03650
	HARDWARE COMPLETE	1	203637
	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	4	812055*
	3/8" LOCKWASHER	6	817334*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
	3/8" T-NUT	2	804556*
	ALUM. PIN	4	203568*

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

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

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

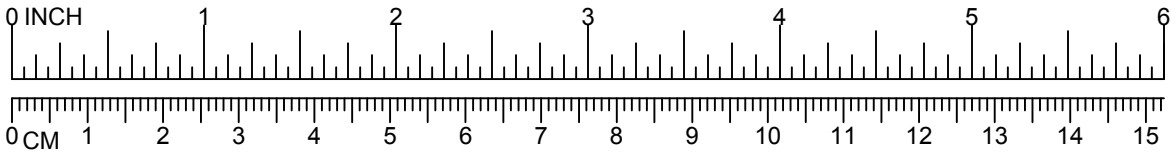
DETAILS -for-
90207

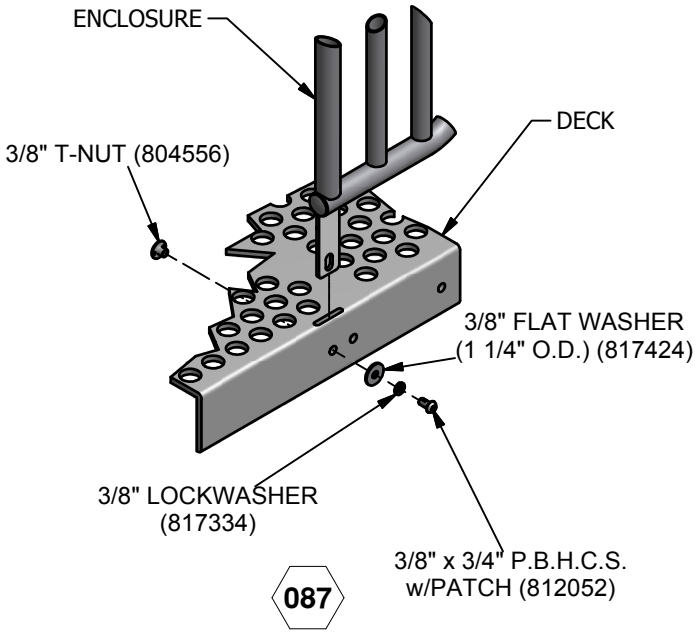
*I*MPORTANT

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

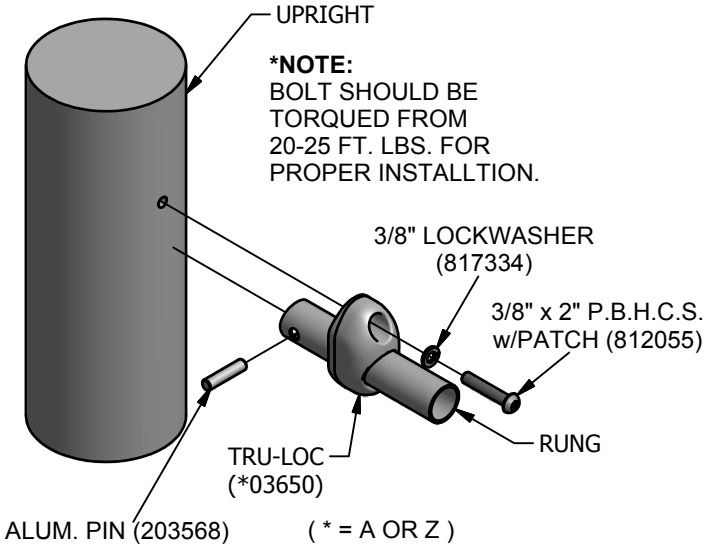
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





087



747

PowerScape

GameTime

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1-800-235-2440

ISSUED/REVISED: 5/20/13

90209 RUNG ENCLOSURE (BARRIER)

w/ KALEIDOSCOPE (ABOVE DECK)	90209
w/ KALEIDOSCOPE (BELOW DECK)	90210
w/ TELESCOPE (ABOVE DECK)	90211
w/ TELESCOPE (BELOW DECK)	90212

⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE



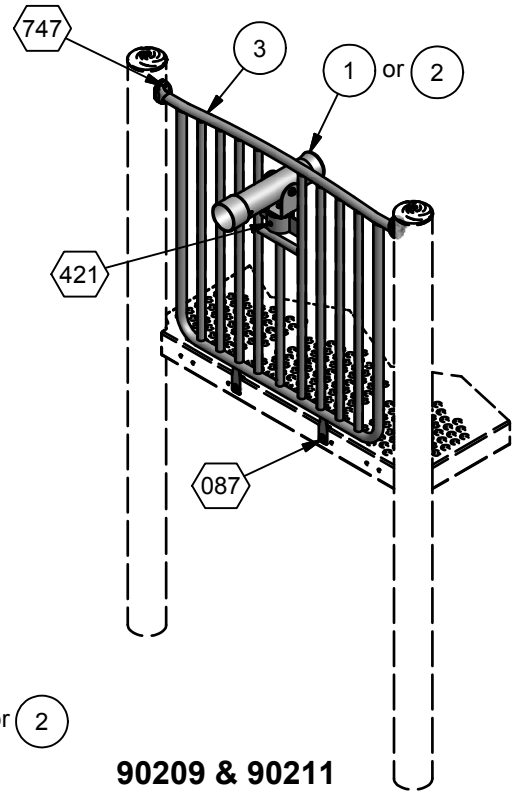
90209 & 90211
UP TO 5'-0"

90210 & 90212
4'-0" TO 5'-0"

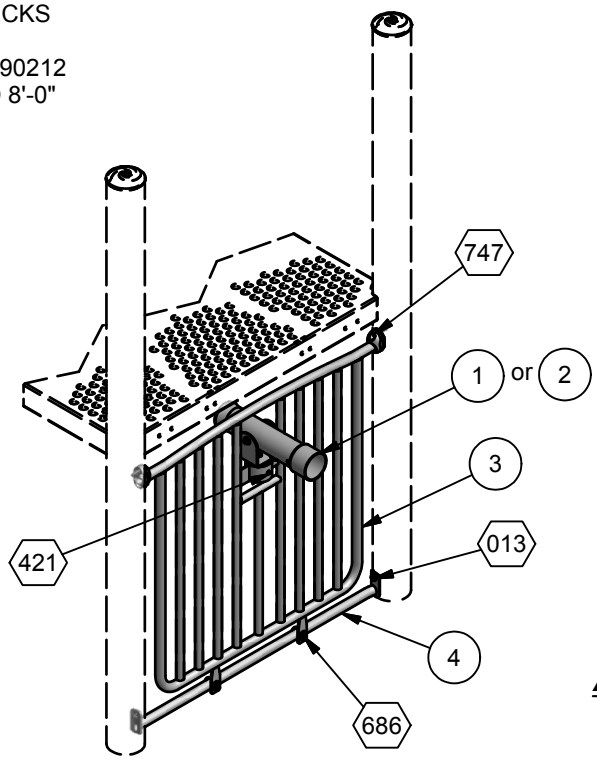


90209 & 90211
ALL DECKS

90210 & 90212
4'-0" TO 8'-0"

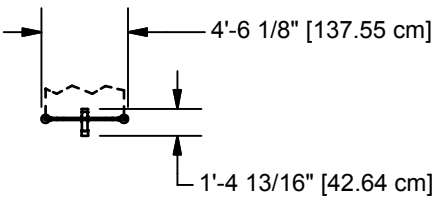


90209 & 90211



90210 & 90212

ASSEMBLY DRAWINGS



TOP 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.

Parts List						
REF.	DESCRIPTION	90209	90210	90211	90212	PART NUMBER
1	TELESCOPE ASSEBLY	0	0	1	1	166988
2	KALEIDOSCOPE ASSEMBLY	1	1	0	0	167016
3	ENCLOSURE PANEL	1	1	1	1	203893
	TRU-LOC	2	2	2	2	A03650
4	MOUNTING PIPE	0	1	0	1	203900
	HARDWARE COMPLETE	1	0	1	0	203903
	HARDWARE COMPLETE	0	1	0	1	203904
	ALUM. PIN	2	2	2	2	203568*
	1/4" x 3/4" B.H.C.S.	2	2	2	2	811010*
	1/4" LOCK WASHER	2	2	2	2	817326*
	1/4" HEX NUT	2	2	2	2	804351*
	3/8" x 3/4" P.B.H.C.S. w/PATCH	2	0	2	0	812052*
	3/8" x 1 1/4" P.B.H.C.S w/PATCH	0	2	0	2	812051*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	0	2	0	2	812053*
	3/8" x 2" P.B.H.C.S. w/PATCH	2	2	2	2	812055*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	2	2	2	817424*
	3/8" LOCKWASHER	4	6	4	6	817334*
	3/8" T-NUT	2	2	2	2	804556*

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

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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.

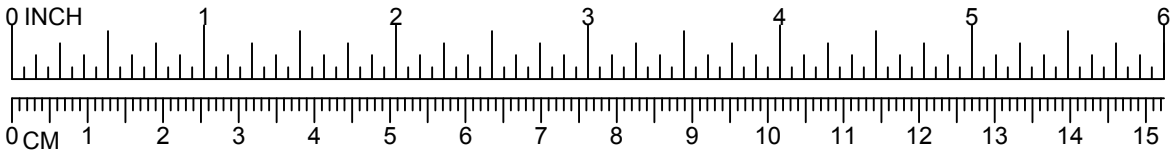
DETAILS -for-
90209, 90210, 90211 & 90212

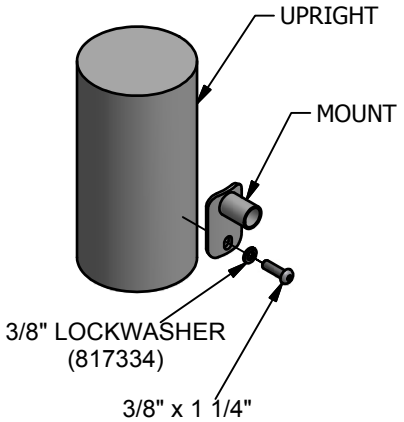
*I*MPORTANT

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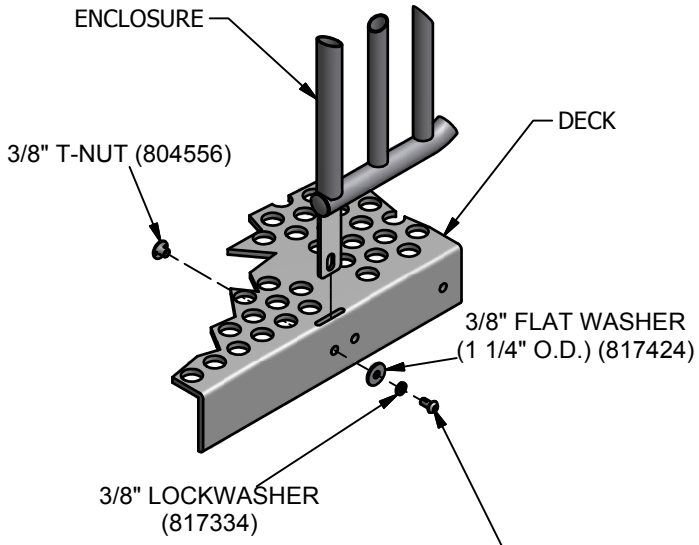
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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

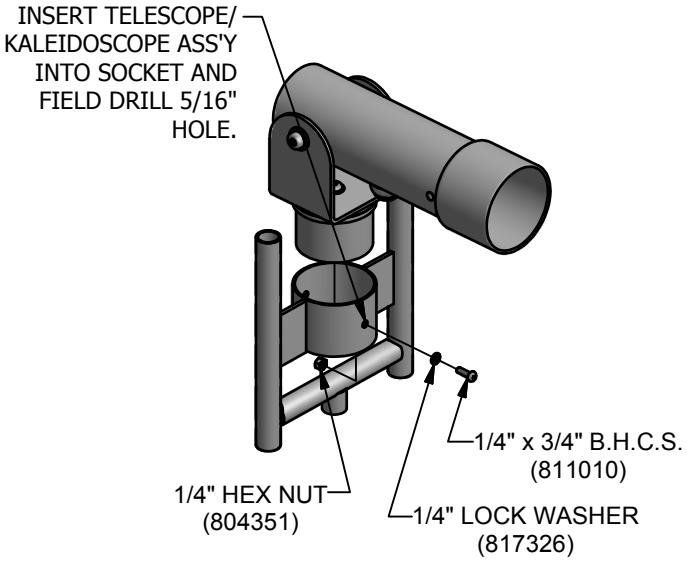




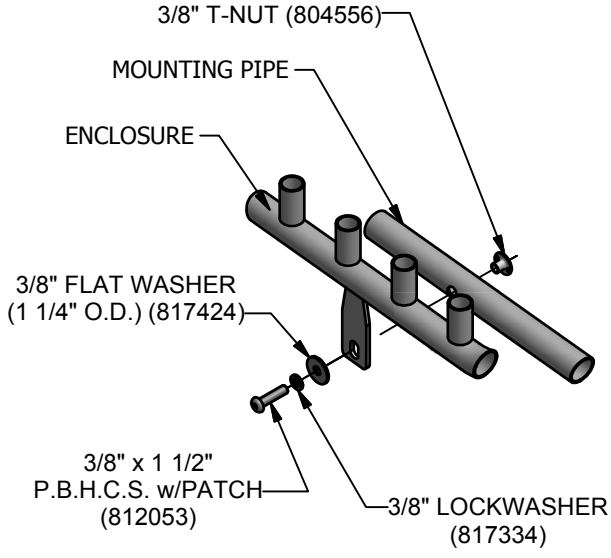
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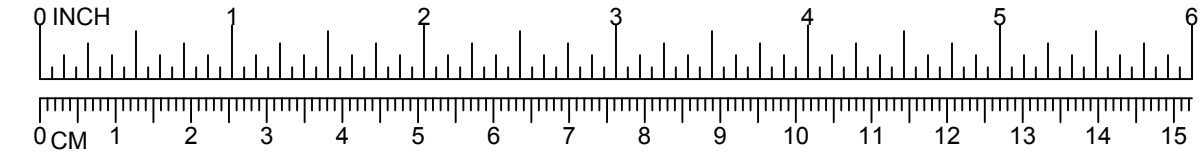
DETAILS -for-
90209, 90210, 90211 & 90212

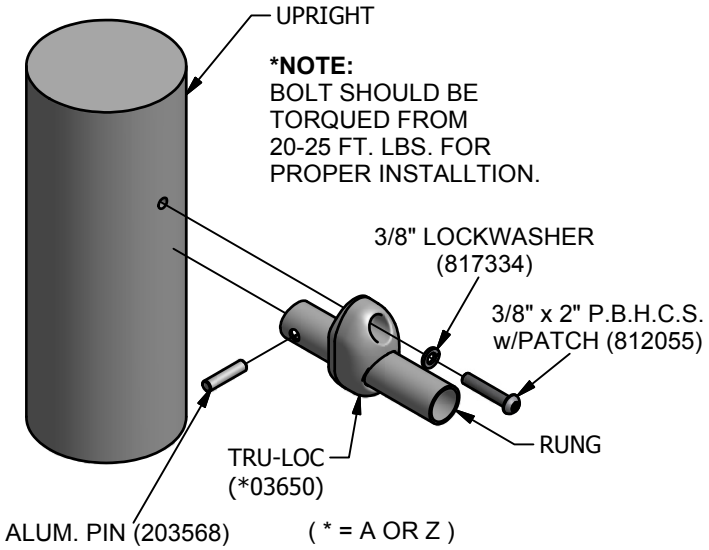
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NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





747

PowerScape
GameTime
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1-800-235-2440
ISSUED/REVISED: 12/12/18

90211 RUNG ENCLOSURE (BARRIER)

= INSTALLATION DETAIL

= PARTS LIST REFERENCE

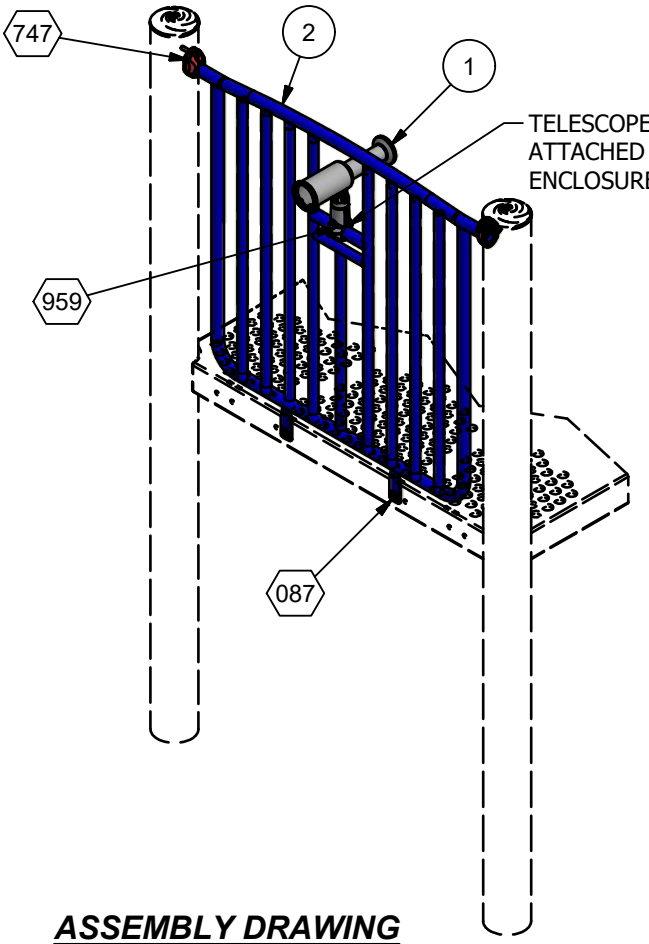


UP TO 5'-0"



ALL DECKS

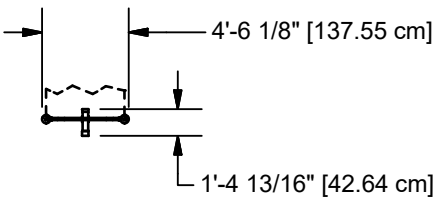
w/ TELESCOPE (ABOVE DECK) 90211



ASSEMBLY DRAWING

INSTALLATION INSTRUCTIONS

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



TOP VIEW

Parts List			
ITEM	DESCRIPTION	QTY	PART NUMBER
1	TELESCOPE ASS'Y	1	314712
2	ENCLOSURE PANEL	1	216264
	TELESCOPE SWIVEL CASTING	1	314703
	TELESCOPE HALF CLAMP CASTING	2	314705
	TRU-LOC	2	A03650
	HARDWARE COMPLETE	1	216312
	3/8" T-NUT	2	804556*
	3/8" LOCK WASHER	6	817334*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
	3/8" x 3/4" P.B.H.C.S. w/PATCH	2	812052*
	ALUM. PIN	2	203568*
	3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
	3/8" x 1" P.B.H.C.S. w/PATCH	1	812050*
	3/8" FLAT WASHER	3	817410*
	1/2" FLAT WASHER	1	817412*
	3/8" BARREL NUT	2	804804*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	1	812053*
	1/4" x 1" DRIVE RIVET	2	805302*

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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.

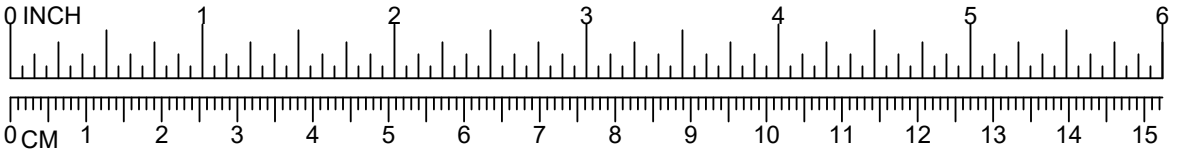
DETAILS -for-
90211

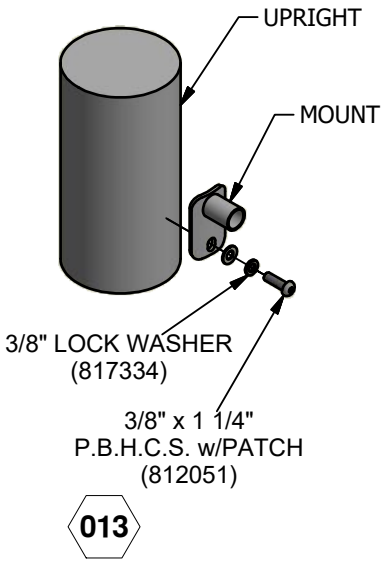
IMPORTANT

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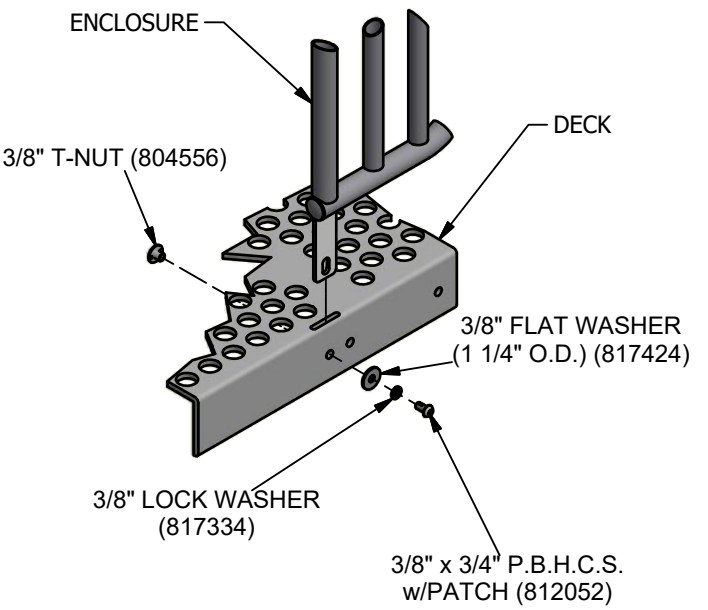
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





013



087

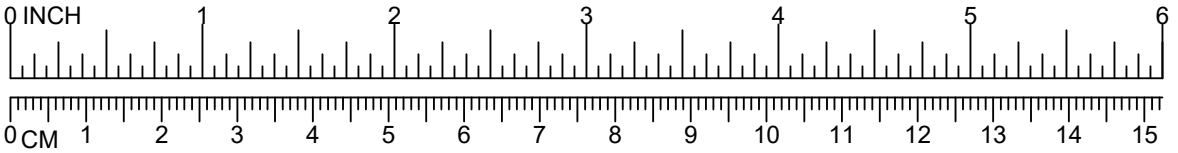
DETAILS -for-
90211

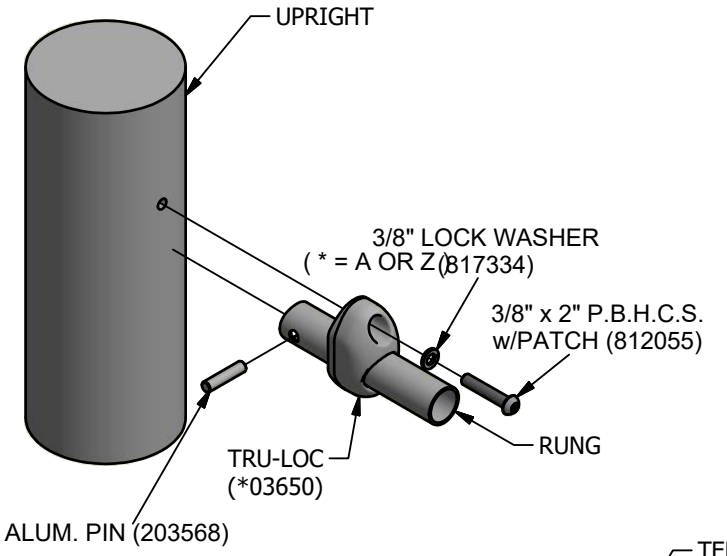
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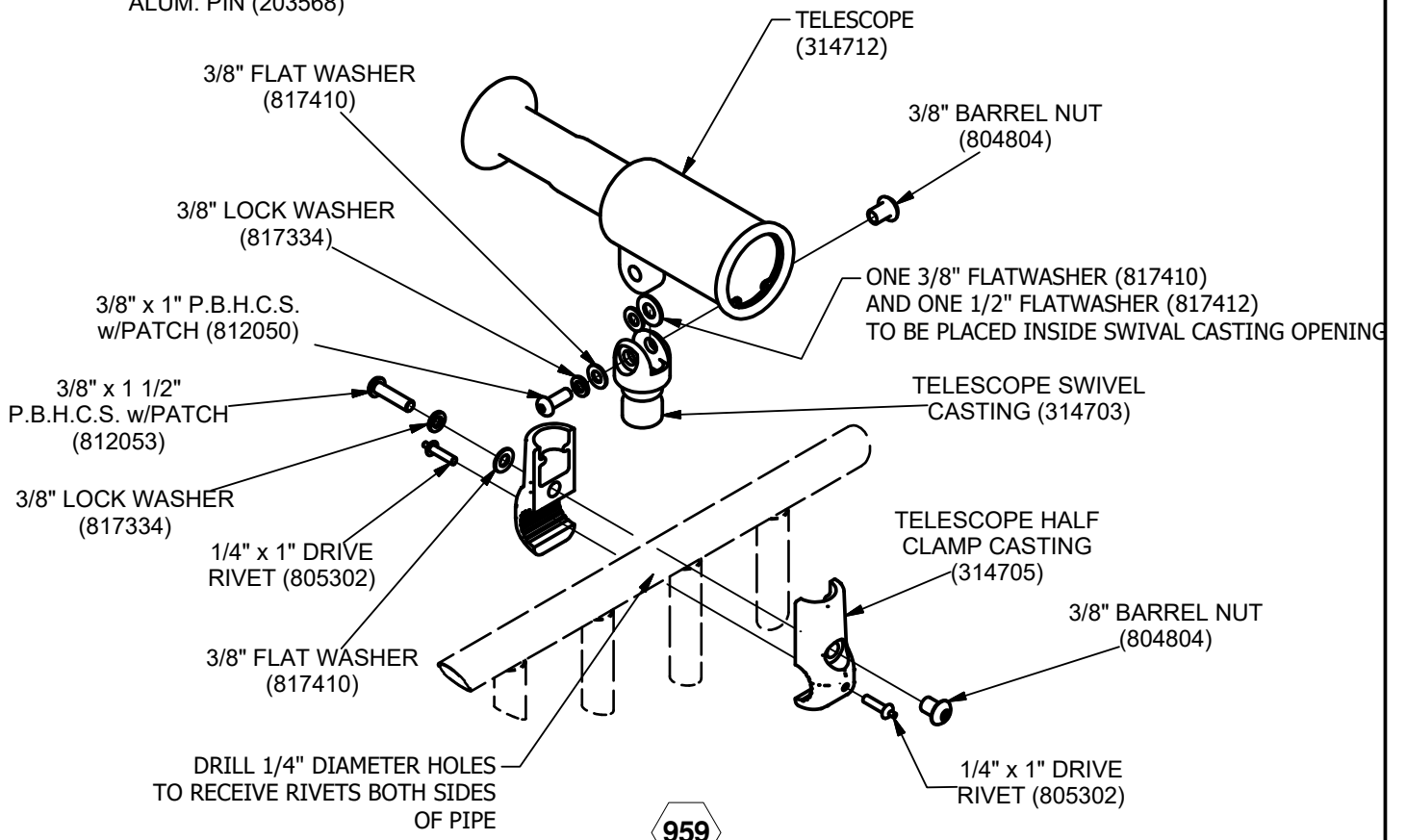
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.





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

747



959

PowerScape

GameTime
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1-800-235-2440

ISSUED/REVISED: 11/19/20

90355

STORE WINDOW PANEL

= INSTALLATION DETAIL

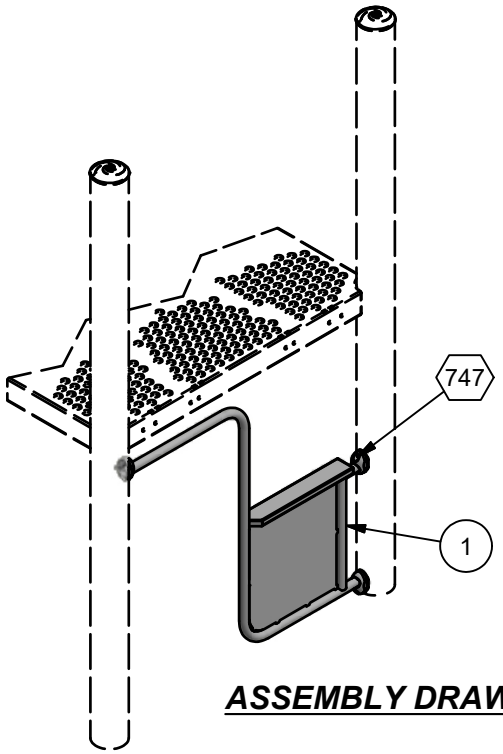
= PARTS LIST REFERENCE



4'-0" to 5'-0"



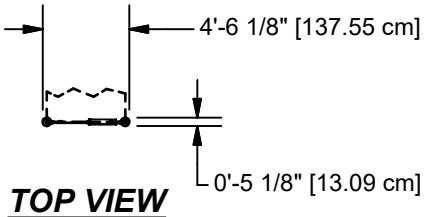
5'-6" to 8'-0"



ASSEMBLY DRAWING

INSTALLATION INSTRUCTIONS

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



TOP VIEW

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	STORE WINDOW ASS'Y	1	203930
	TRU-LOC	3	A03650
	HARDWARE COMPLETE	1	203936
	3/8" x 2" P.B.H.C.S. w/PATCH	3	812055*
	3/8" LOCK WASHER	3	817334*
	ALUM. PIN	3	203568*

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** Included in Hardware*

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

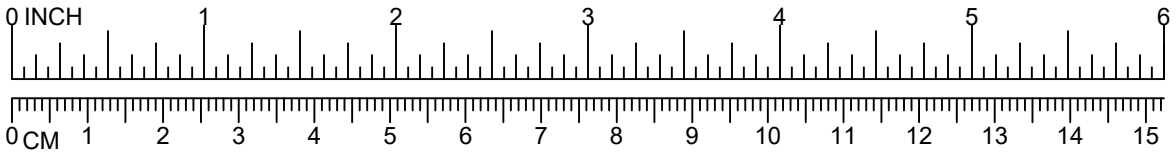
DETAILS -for-
90355

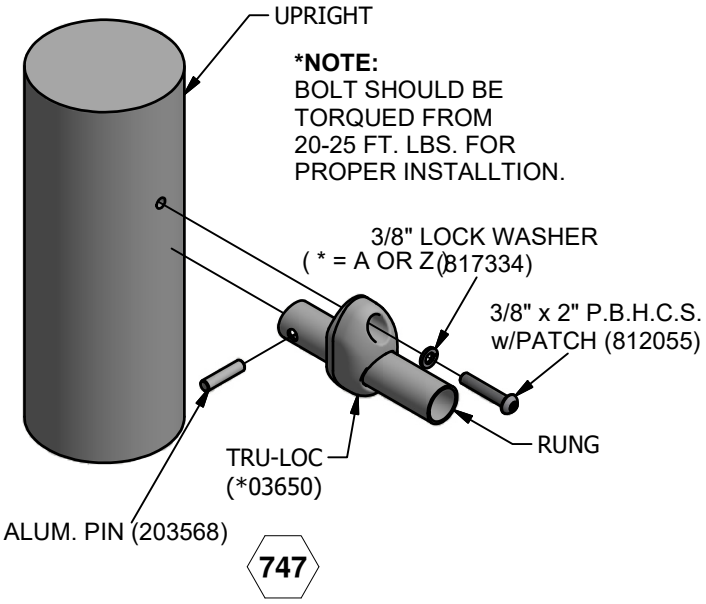
IMPORTANT

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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.





PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 4/24/20

90494

CASTLE WINDOW PANEL

⬡ = INSTALLATION DETAIL

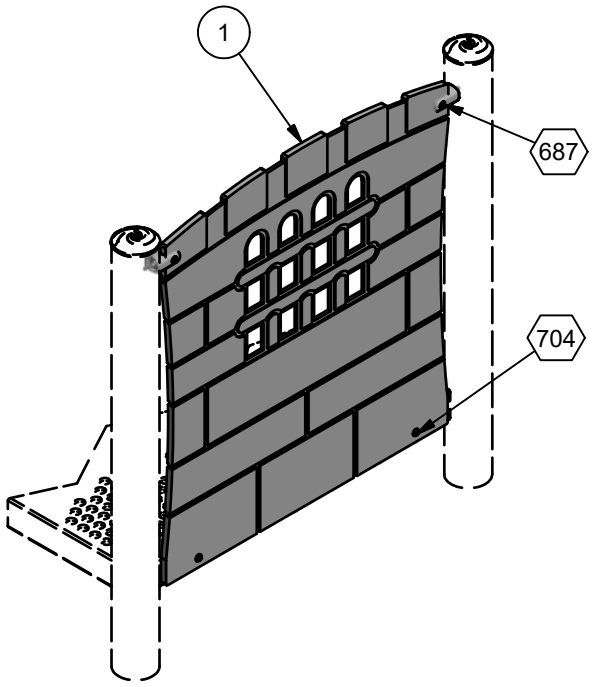
◯ = PARTS LIST REFERENCE



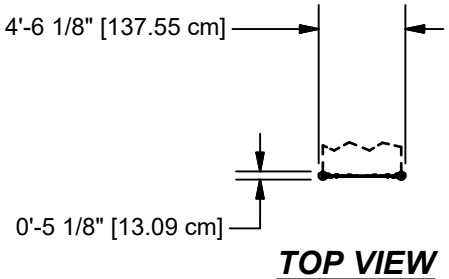
UP TO 5'-0" DECK HEIGHTS



ALL DECK HEIGHTS



ASSEMBLY DRAWING



TOP VIEW

INSTALLATION INSTRUCTIONS

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

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
	CASTLE WINDOW PANEL	1	204388
	TRU-LOC PANEL ATTACHMENT	2	K03861
	HARDWARE COMPLETE	1	204370
	3/8" x 1" P.B.H.C.S. w/PATCH	2	812050*
	3/8" x 1 3/4" HEX HEAD BOLT	2	801006*
	3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	812054*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
	3/8" FLAT WASHER	2	817410*
	3/8" LOCK WASHER	6	817334*
	3/8" HEX NUT	2	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.

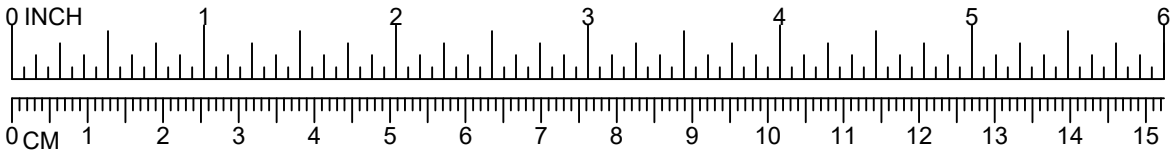
DETAILS -for-
90494

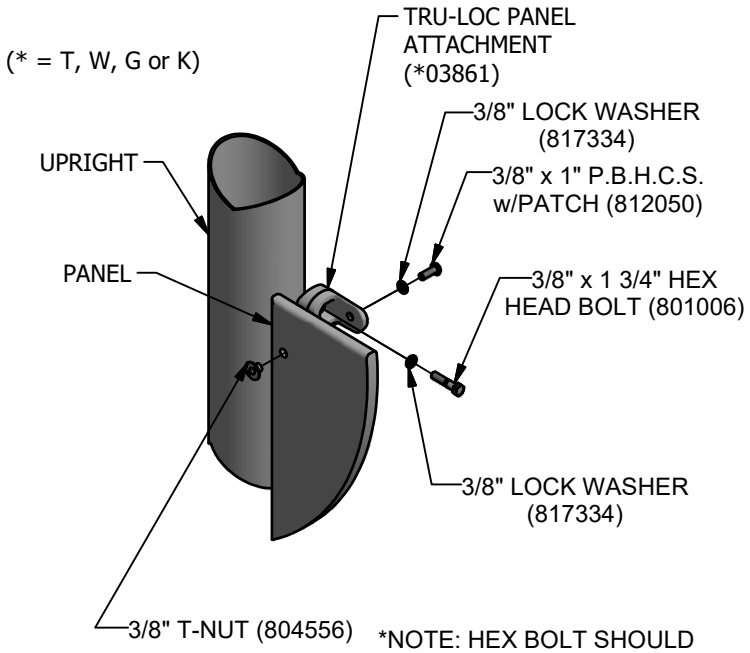
IMPORTANT

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

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

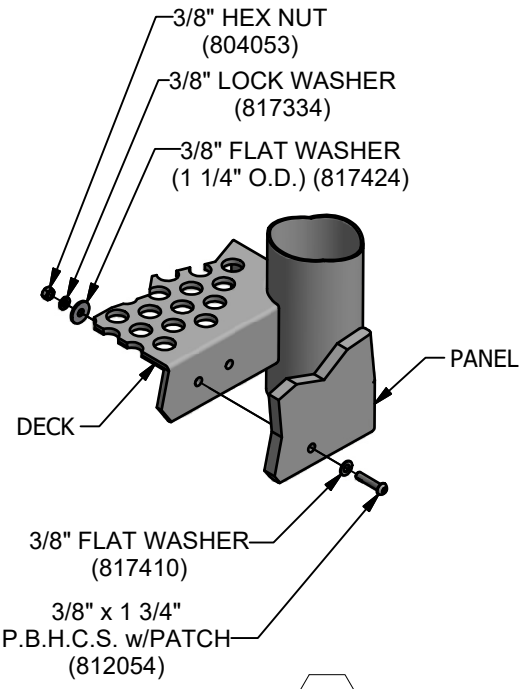
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.





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

687



704

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ISSUED/REVISED: 8/28/2014

90530

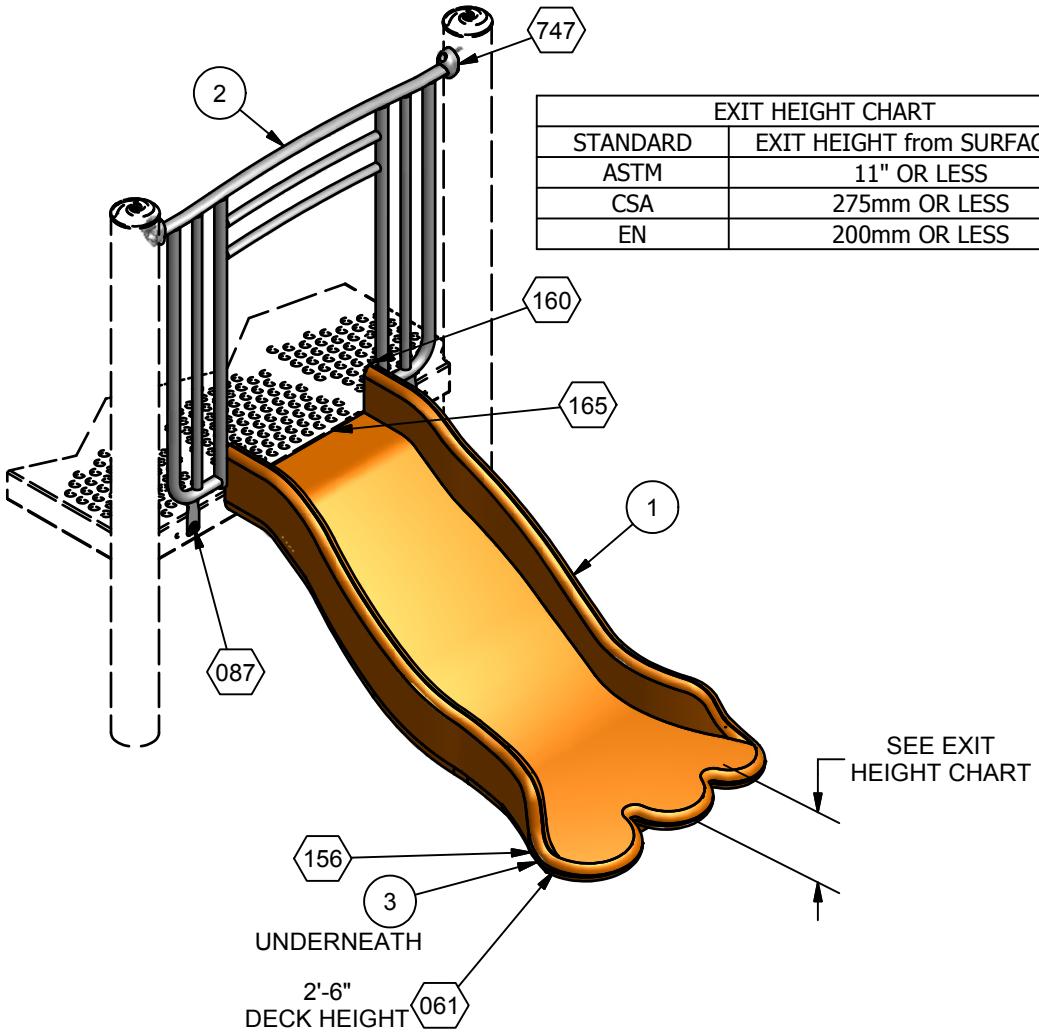
LITTLE FOOT SLIDE

= INSTALLATION DETAIL

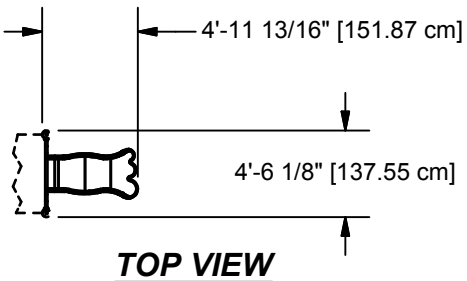
= PARTS LIST REFERENCE



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



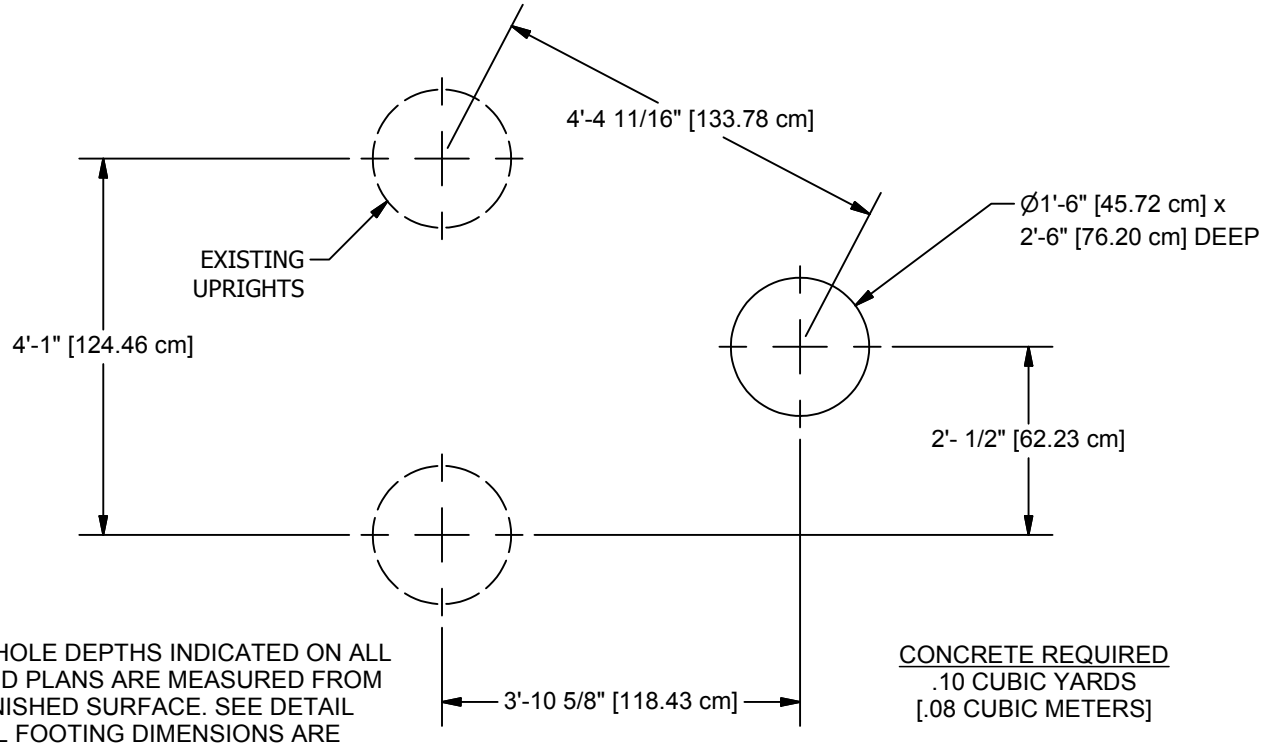
ASSEMBLY DRAWING



TOP VIEW

INSTALLATION INSTRUCTIONS

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



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

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

GROUND PLAN

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	LITTLE FOOT SLIDE	1	158300
2	METAL ENCLOSURE WELD ASS'Y	1	204555
3	FOOTBUCK	1	154333
	TRU-LOC	2	A03650
	HARDWARE COMPLETE	1	204571
	3/8" x 3/4" P.B.H.C.S. w/PATCH	2	812052*
	3/8" x 1" P.B.H.C.S. w/PATCH	4	812050*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	2	812053*
	3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
	3/8" x 2" HEX HEAD	2	801009*
	3/8" FLAT WASHER (1 1/4" O.D.)	6	817424*
	3/8" FLAT WASHER	2	817410*
	3/8" LOCKWASHER	10	817334*
	3/8" T-NUT	2	804556*
	3/8" HEX NUT	2	804053*
	6" EXTENSION	2	158359*
	ALUM. PIN	2	203568*

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

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

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

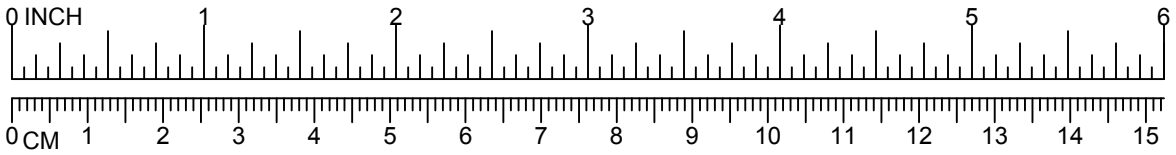
DETAILS -for-
90530

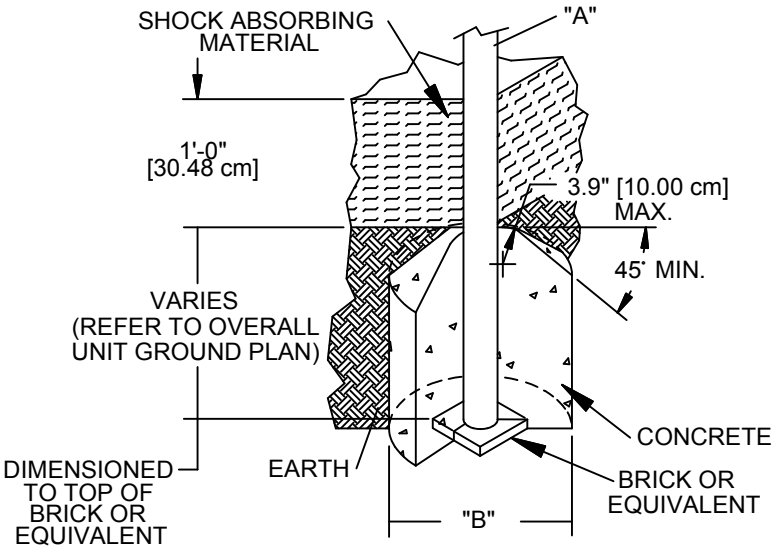
*I*MPORTANT

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

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

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





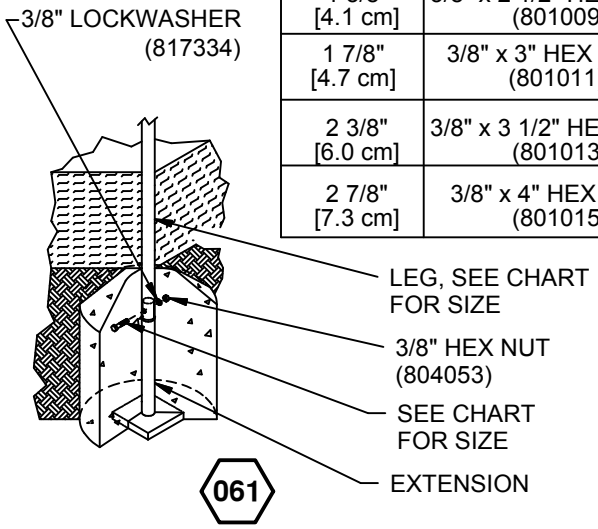
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS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

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

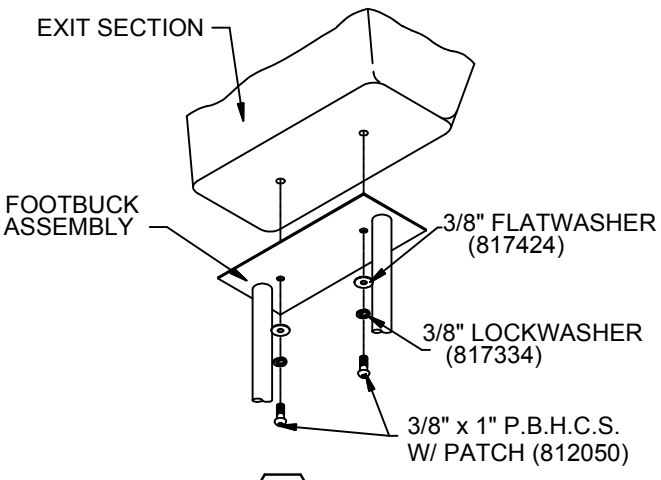
032

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

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



061



156

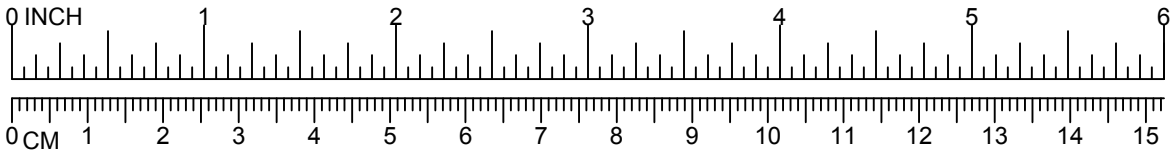
DETAILS -for-
90530

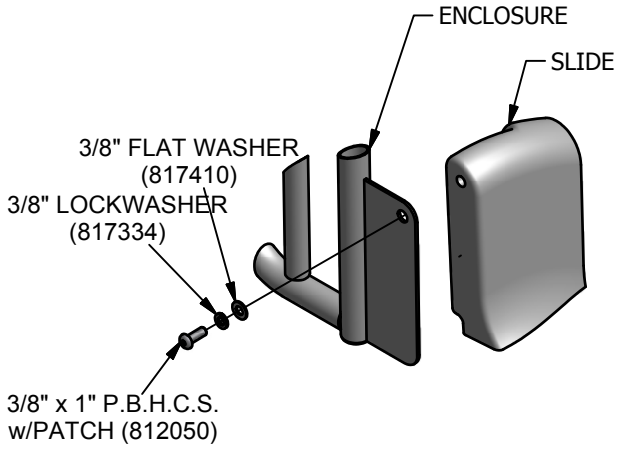
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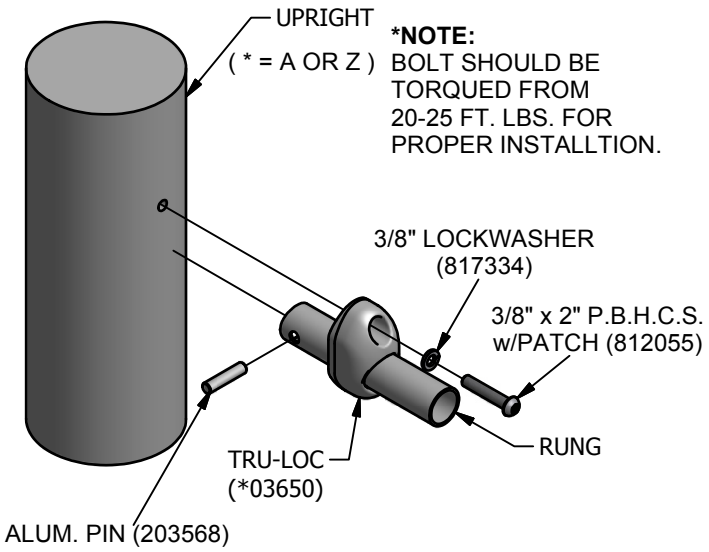
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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

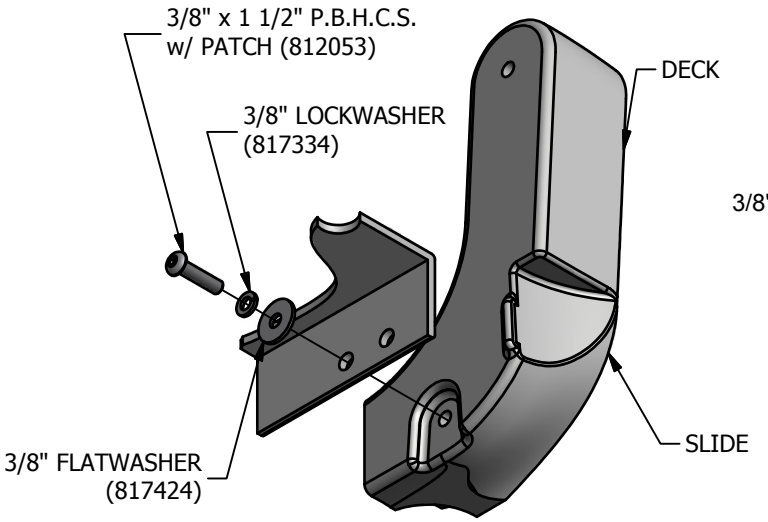




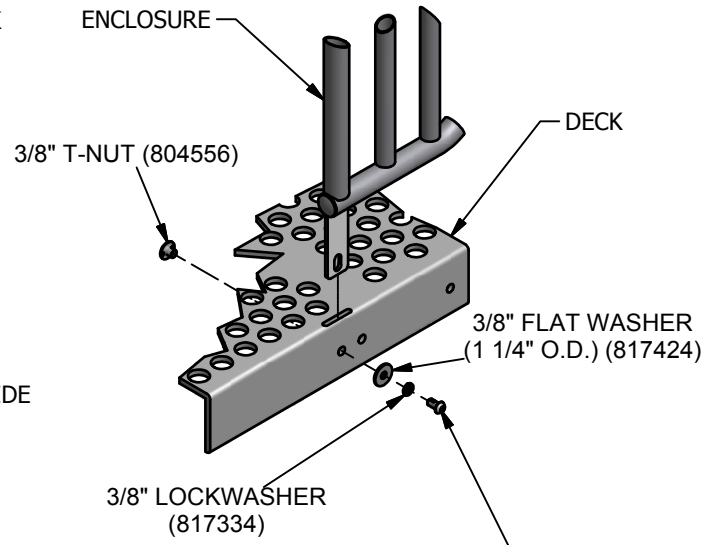
160



747



165



087

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ISSUED/REVISED: 11/12/12

90610

CONTOURED SEAT PANEL

= INSTALLATION DETAIL

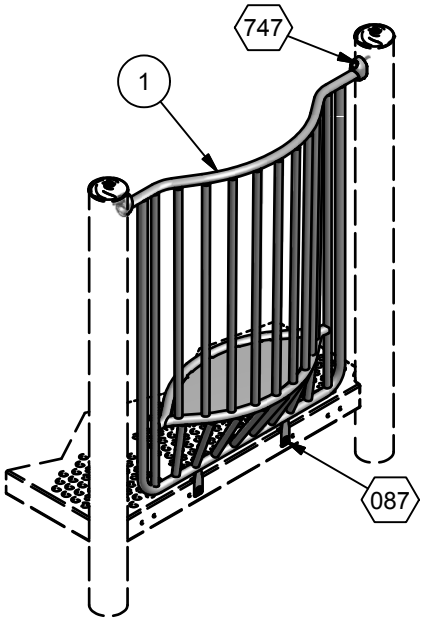
= PARTS LIST REFERENCE



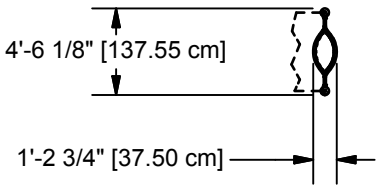
UP TO 5'-0"



UP TO 7'-0"



ASSEMBLY DRAWING



TOP VIEW

INSTALLATION INSTRUCTIONS

1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
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Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	SEAT ENCLOSURE WELD ASS'Y	1	204937
	TRU-LOC	2	A03650
	HARDWARE COMPLETE	1	204943
	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	2	812055*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
	3/8" LOCKWASHER	4	817334*
	3/8" T-NUT	2	804556*
	ALUM. PIN	2	203568*

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** Included in Hardware*

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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.

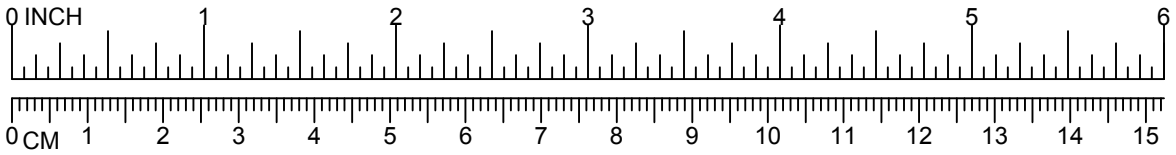
DETAILS -for-
90610

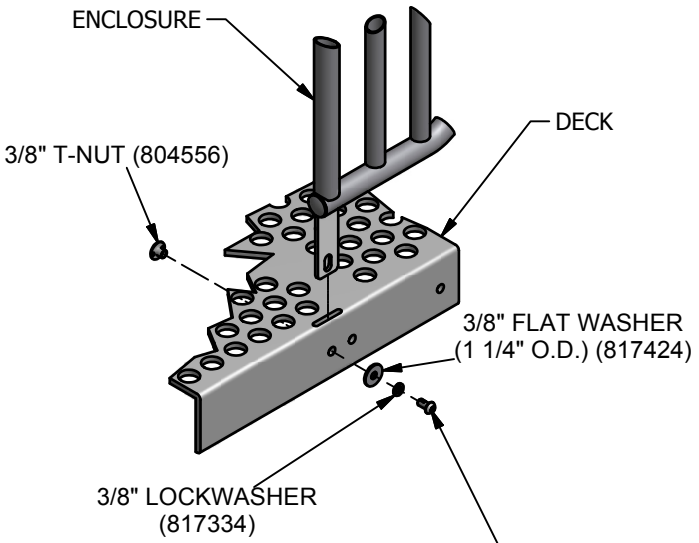
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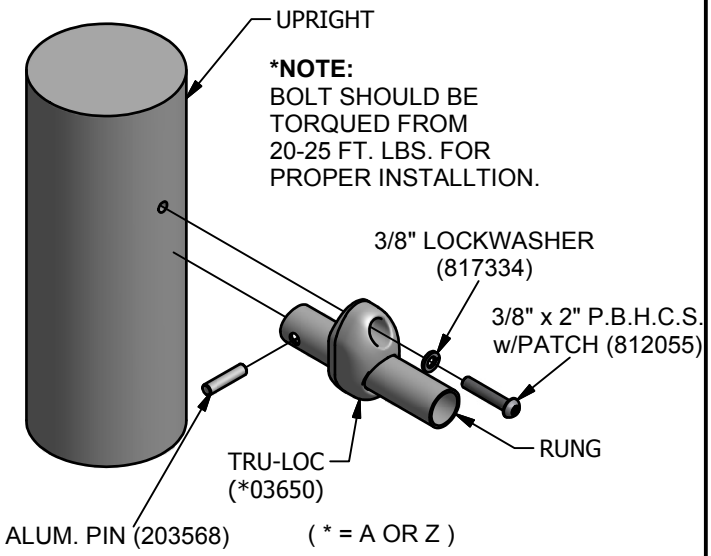
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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





087



747

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ISSUED/REVISED: 11/08/2023

90631

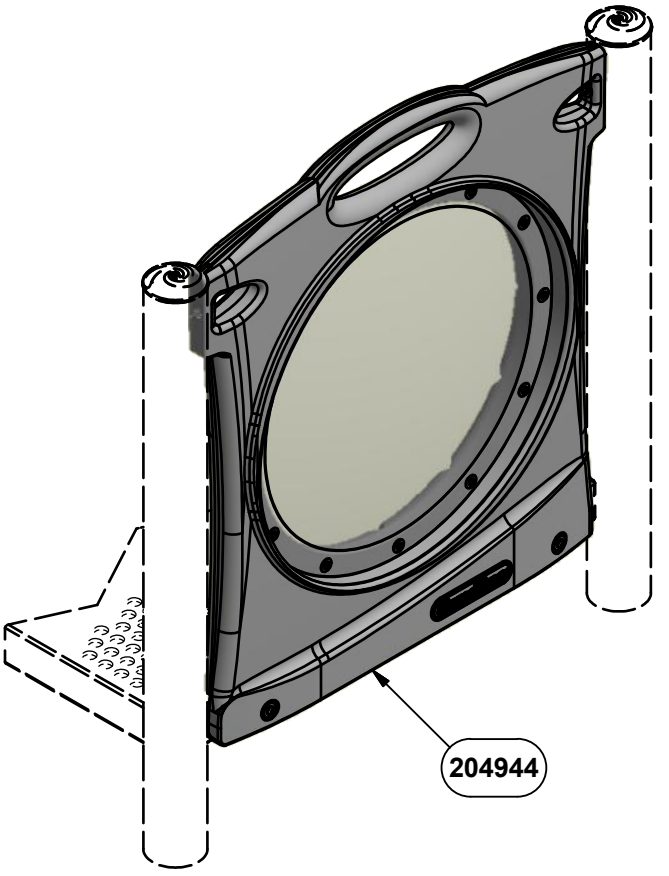
BUBBLE PANEL



UP TO 5'-0"



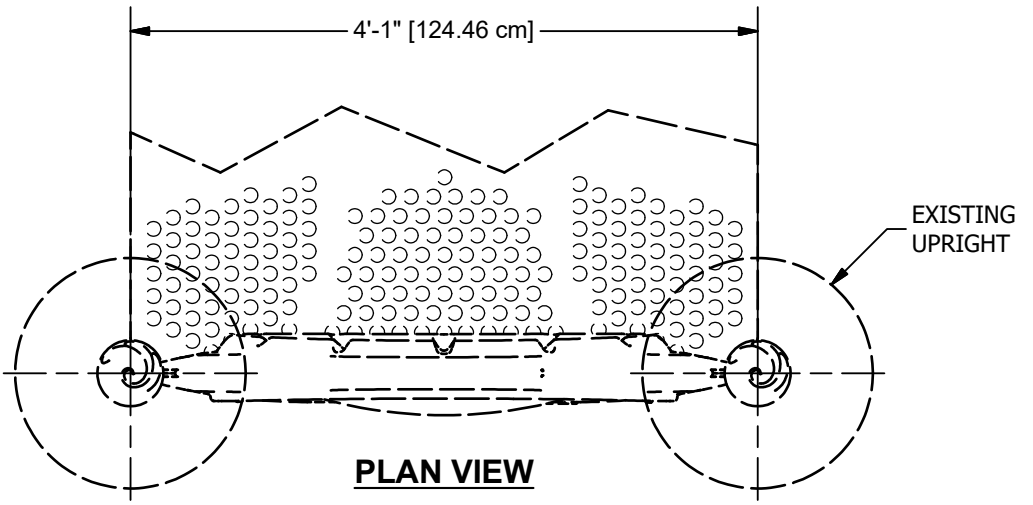
UP TO 9'-0"



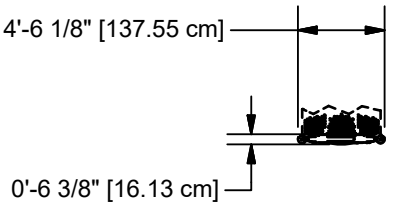
INSTALLATION INSTRUCTIONS

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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.

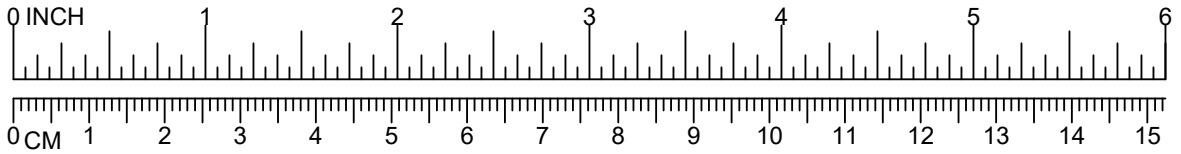
ASSEMBLY VIEW

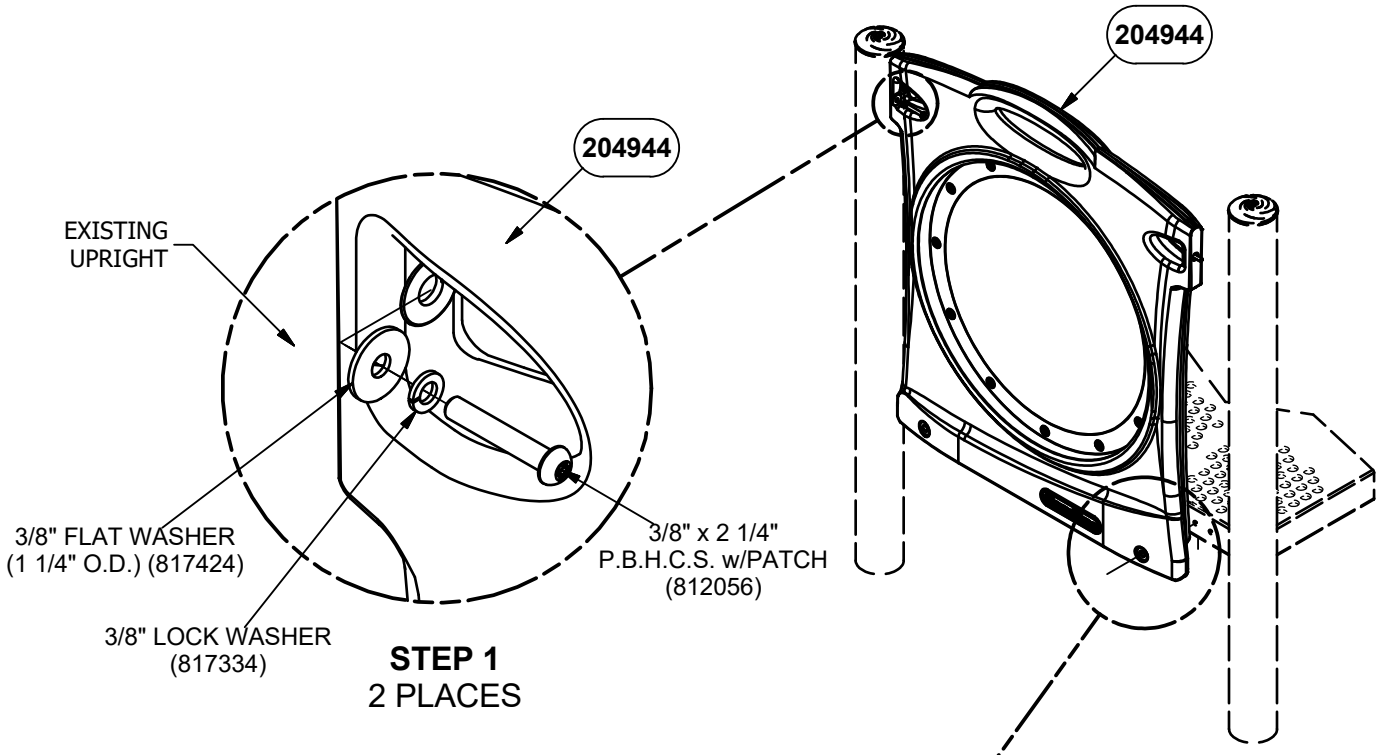


PLAN VIEW

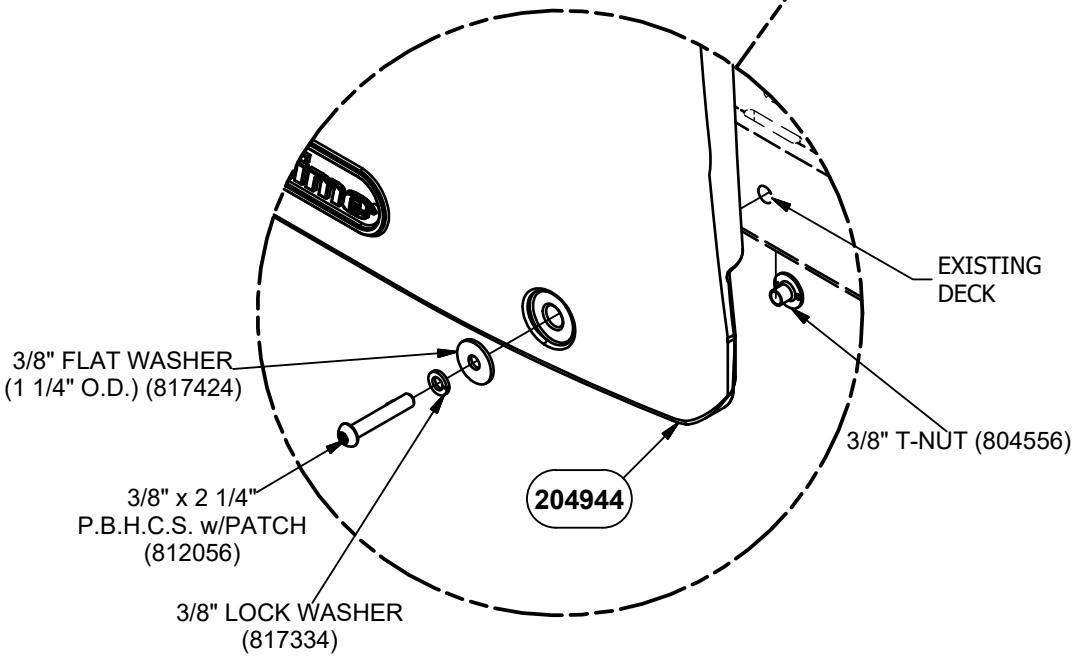


TOP VIEW





STEP 1
2 PLACES



STEP 2
2 PLACES

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

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
30" BUBBLE PANEL ASSEMBLY	1	204944
HARDWARE COMPLETE	1	204964
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	4	812056*
3/8" FLAT WASHER (1 1/4" O.D.)	4	817424*
3/8" LOCK WASHER	4	817334*
3/8" T-NUT	2	804556*

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** 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.

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ISSUED/REVISED: 11/17/2020

90666

SPIRAL STEP CLIMBER

2'-0" & 2'-6"	90666
3'-0" & 3'-6"	90667
4'-0" & 4'-6"	90668
5'-0" & 5'-6"	90669
6'-0"	90670



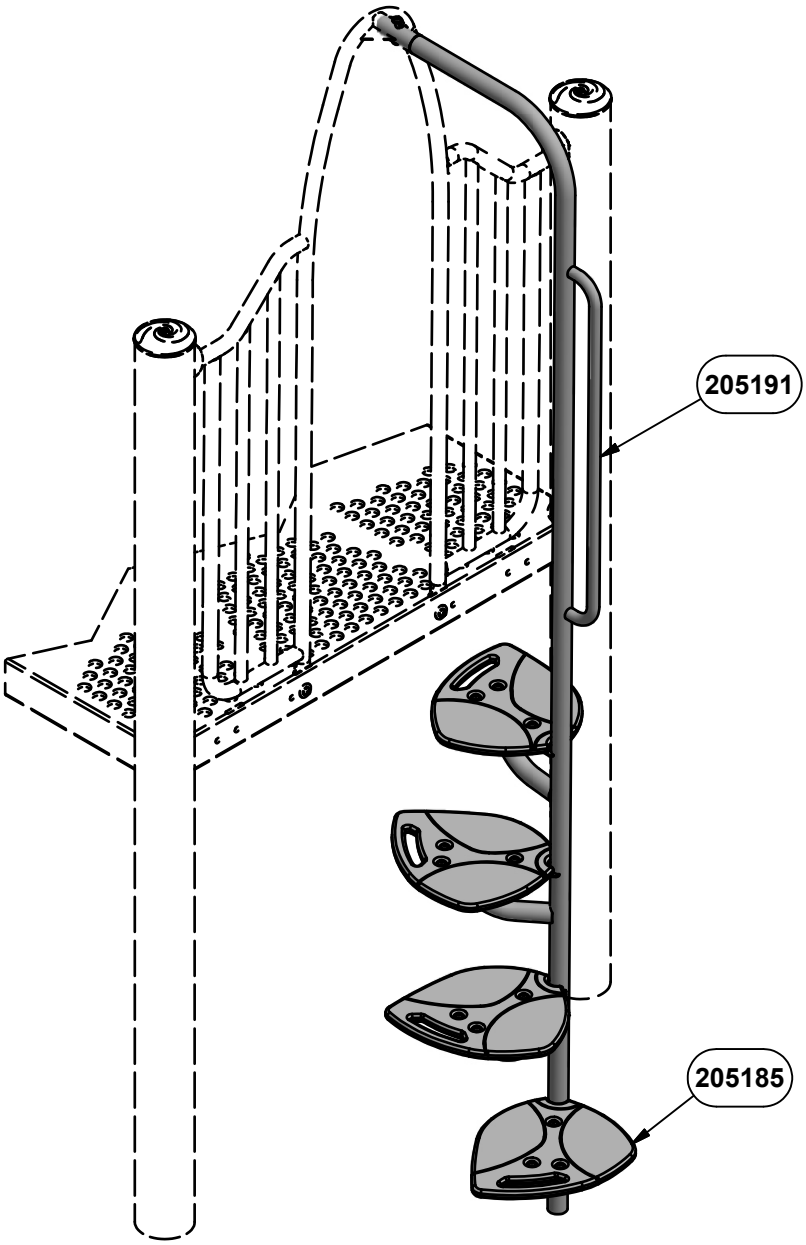
90666
90667
90668
90669 5'-0"



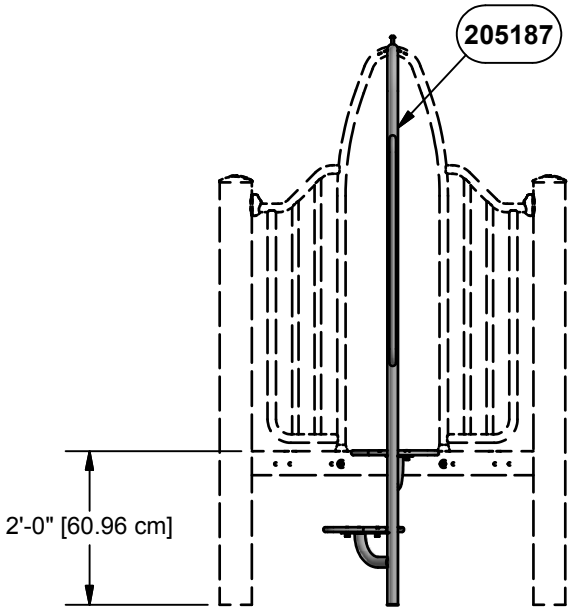
90669 5'-6"
90670

INSTALLATION INSTRUCTIONS

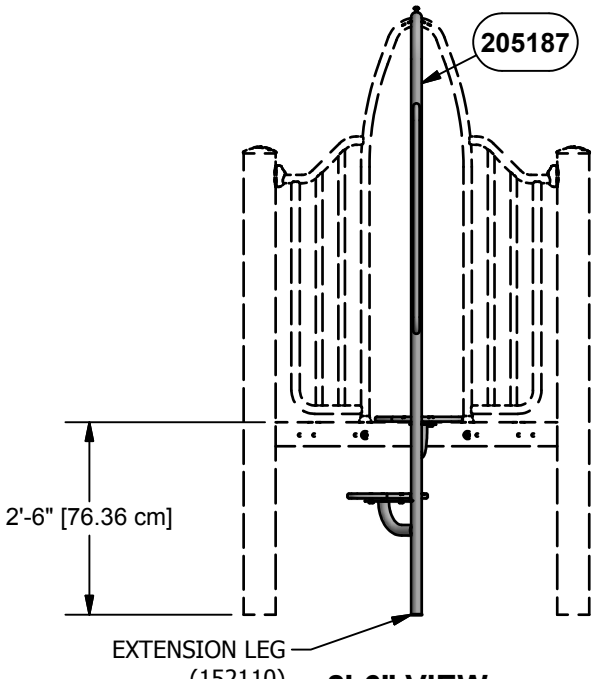
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3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



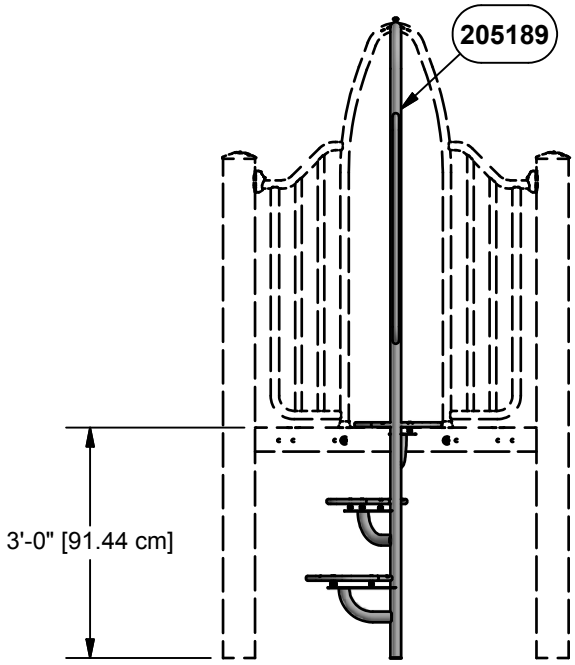
ASSEMBLY VIEW
90668 4'-0" SHOWN



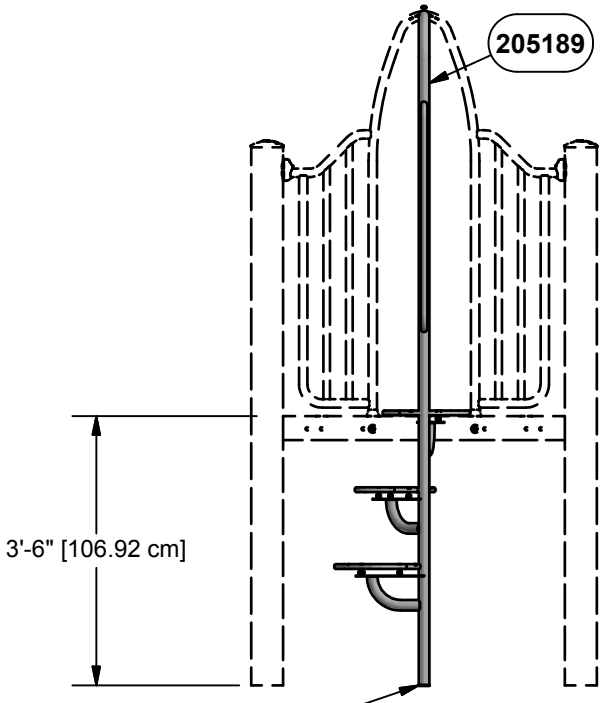
2'-0" VIEW
90666



2'-6" VIEW
90666

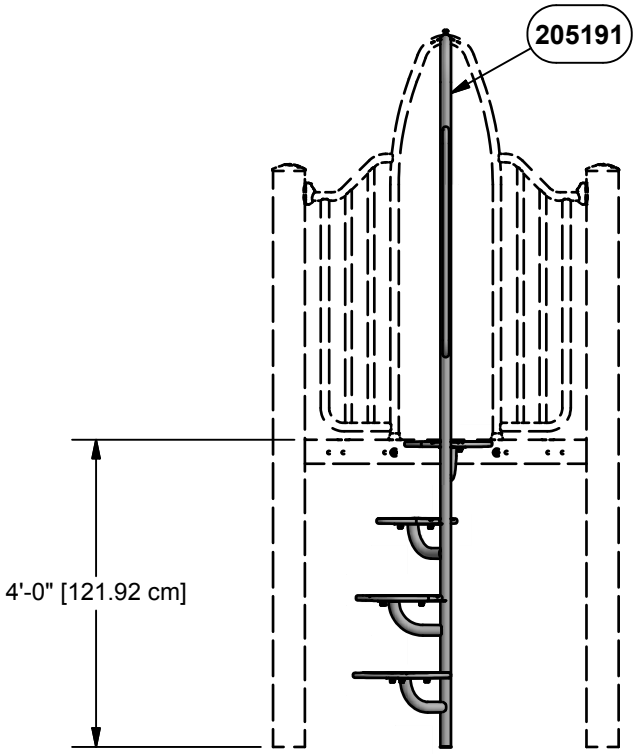


3'-0" VIEW
90667

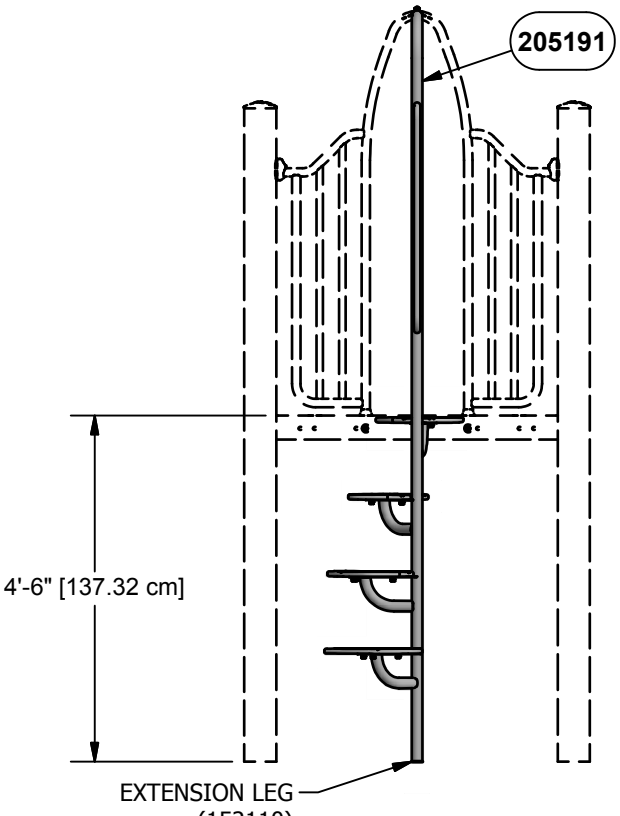


3'-6" VIEW
90667

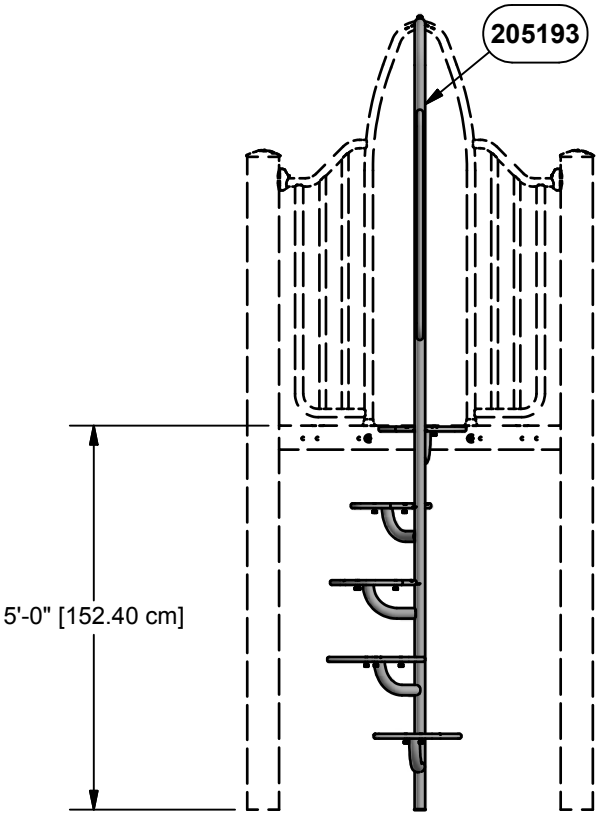
DECK HEIGHTS ELEVATIONS



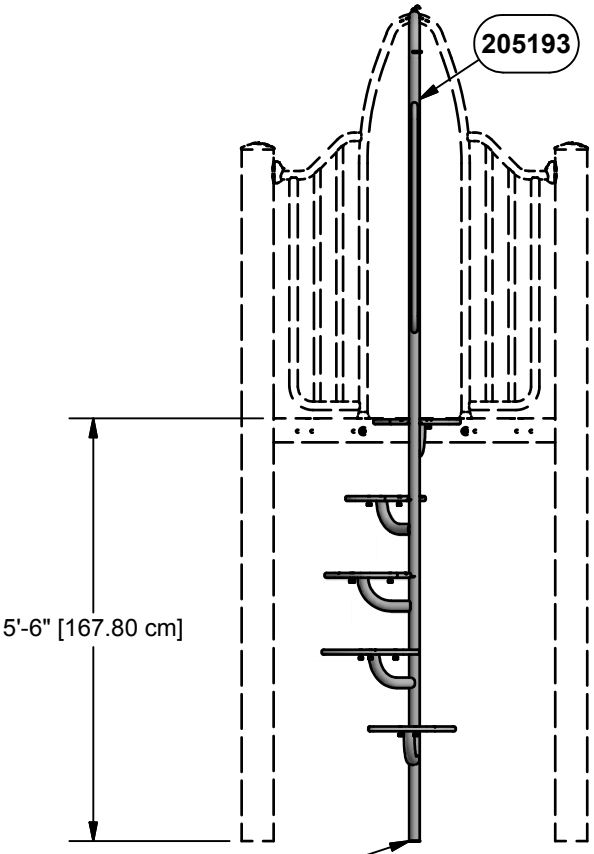
4'-0" VIEW
90668



4'-6" VIEW
90668

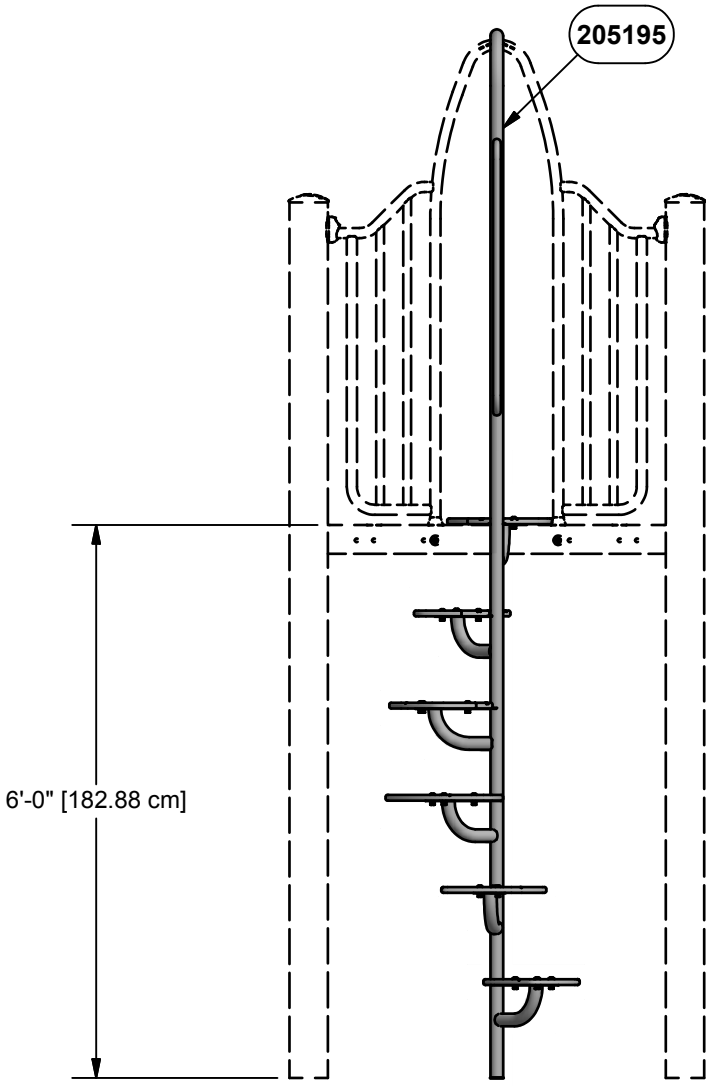


5'-0" VIEW
90669



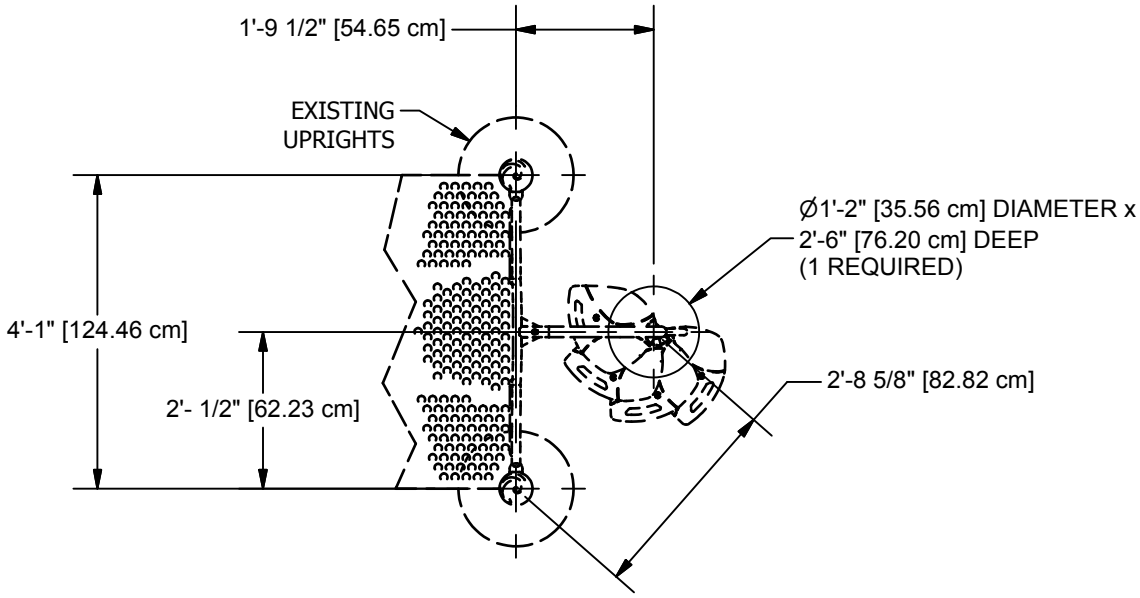
5'-6" VIEW
90669

DECK HEIGHTS ELEVATIONS



6'-0" VIEW
90670

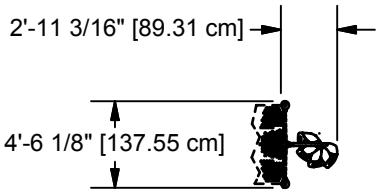
DECK HEIGHTS
ELEVATIONS



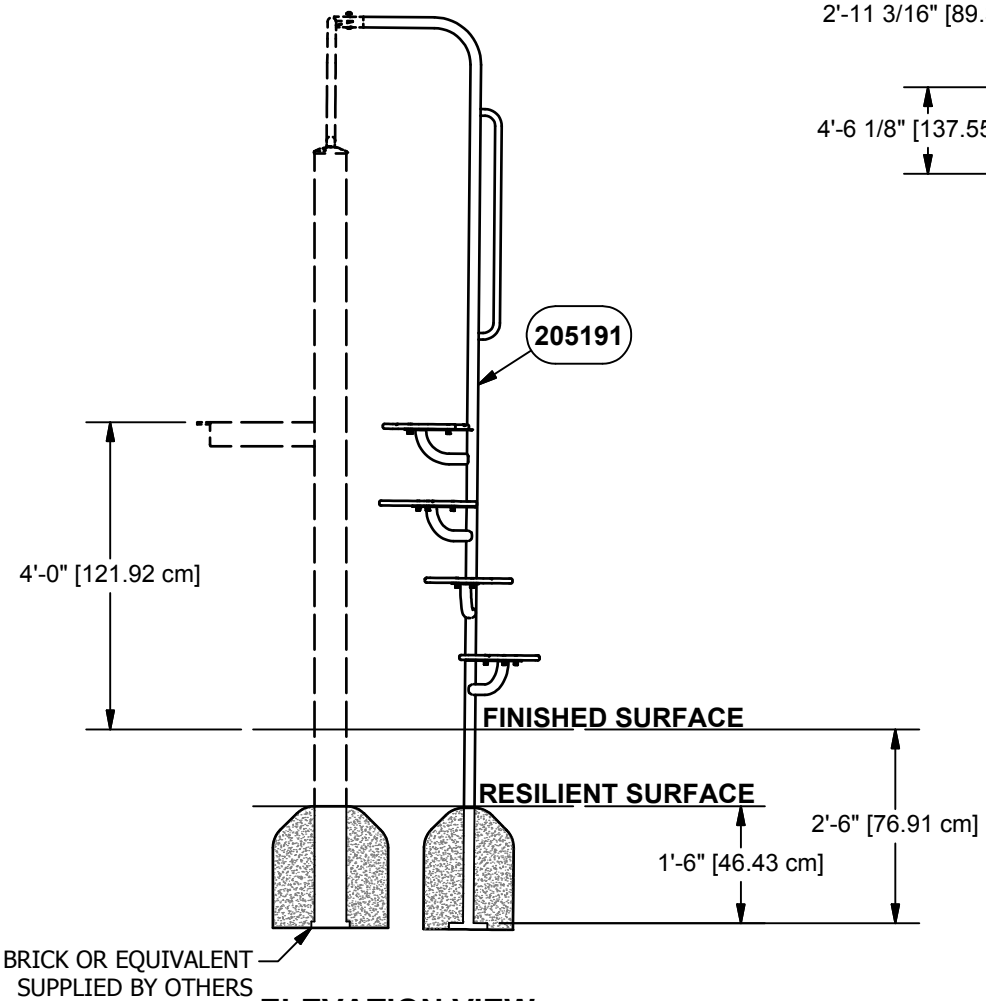
PLAN VIEW

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

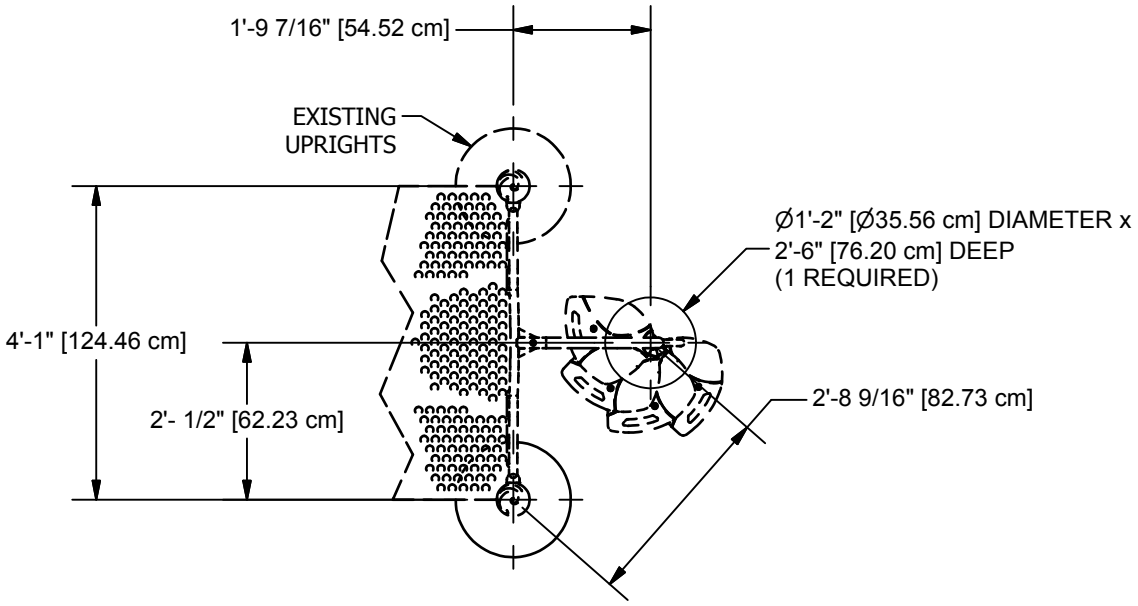
CONCRETE REQUIRED
.06 CUBIC YARDS
[.05 CUBIC METERS]



TOP VIEW



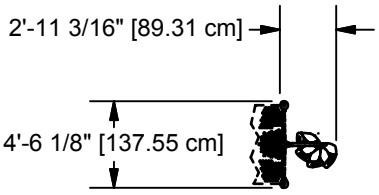
ELEVATION VIEW
90668 4'-0" SHOWN
OTHERS SIMILAR



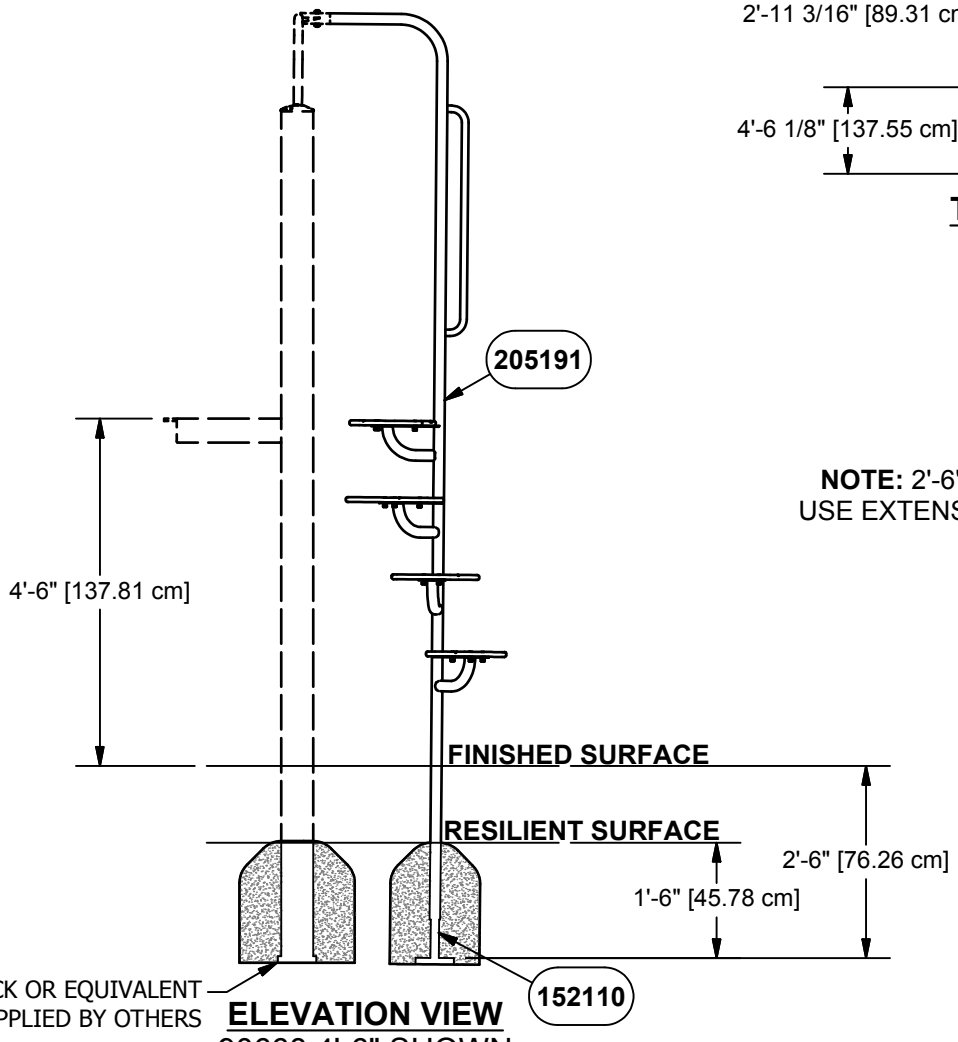
PLAN VIEW

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

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

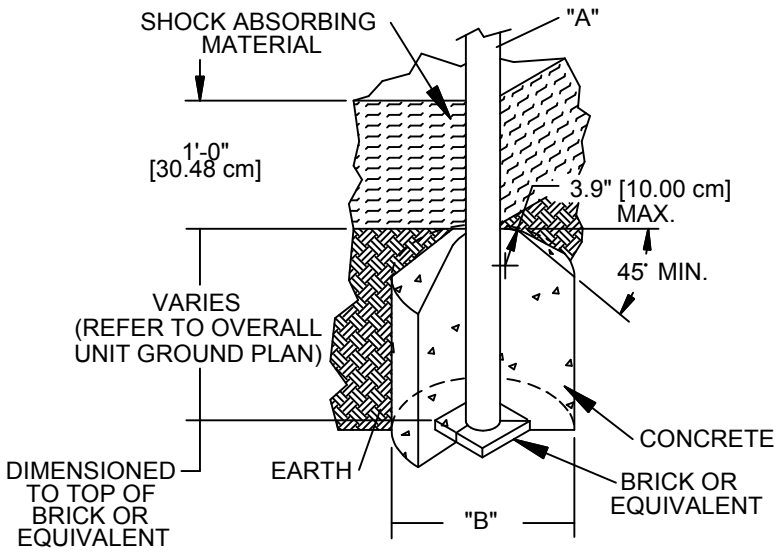


TOP VIEW



ELEVATION VIEW
90668 4'-6" SHOWN
OTHERS SIMILAR

NOTE: 2'-6", 3'-6", 4'-6", 5'-6"
USE EXTENSION LEG (152110)

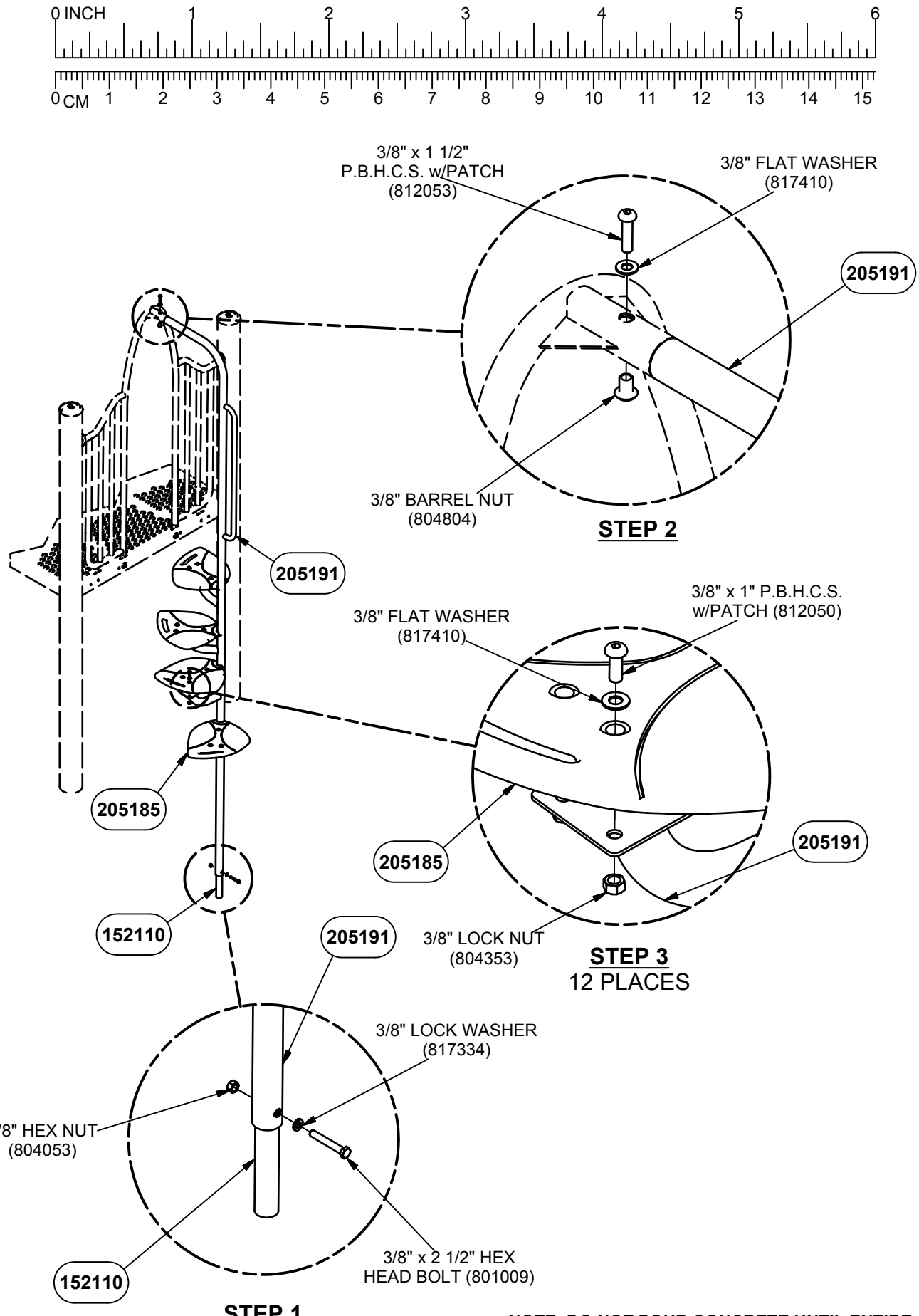


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS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

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

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

FOOTING DETAIL



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

DETAIL VIEW

Parts List						
DESCRIPTION	90666	90667	90668	90669	90670	PART NUMBER
2' SPIRAL STEP WELD ASS'Y	1	0	0	0	0	205187
3' SPIRAL STEP WELD ASS'Y	0	1	0	0	0	205189
4' SPIRAL STEP WELD ASS'Y	0	0	1	0	0	205191
5' SPIRAL STEP WELD ASS'Y	0	0	0	1	0	205193
6' SPIRAL STEP WELD ASS'Y	0	0	0	0	1	205195
TREADSAFE HDPE STEP	2	3	4	5	6	205185
HARDWARE COMPLETE	1	0	0	0	0	205260
HARDWARE COMPLETE	0	1	0	0	0	205261
HARDWARE COMPLETE	0	0	1	0	0	205262
HARDWARE COMPLETE	0	0	0	1	0	205263
HARDWARE COMPLETE	0	0	0	0	1	205264
3/8" x 1" P.B.H.C.S. w/PATCH	6	9	12	15	18	812050*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	1	1	1	1	1	812053*
3/8" x 2 1/2" HEX HEAD BOLT	1	1	1	1	0	801009*
3/8" FLAT WASHER	7	10	13	16	19	817410*
3/8" LOCK WASHER	1	1	1	1	0	817334*
3/8" BARREL NUT	1	1	1	1	1	804804*
3/8" HEX NUT	1	1	1	1	0	804053*
3/8" LOCK NUT	6	9	12	15	18	804353*
EXTENSION LEG	1	1	1	1	0	152110*

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.

PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 4/2/2024

90700 WILDER SLIDE II

= INSTALLATION DETAIL

= PARTS LIST REFERENCE

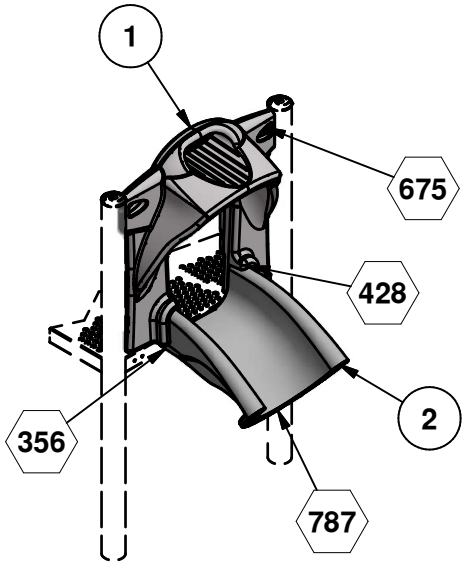


UP TO 5'-0"

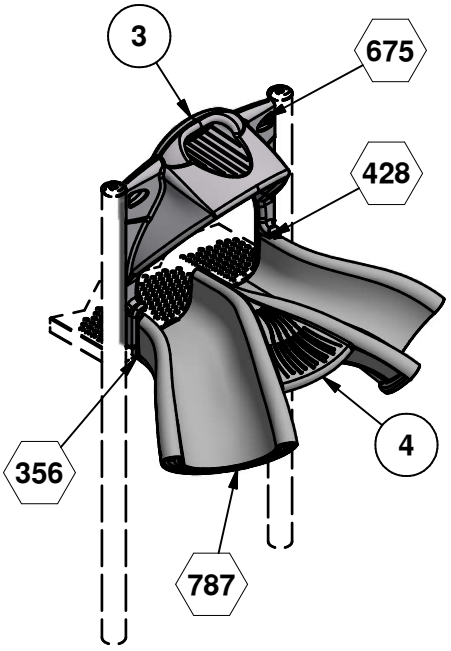


UP TO 8'-0"

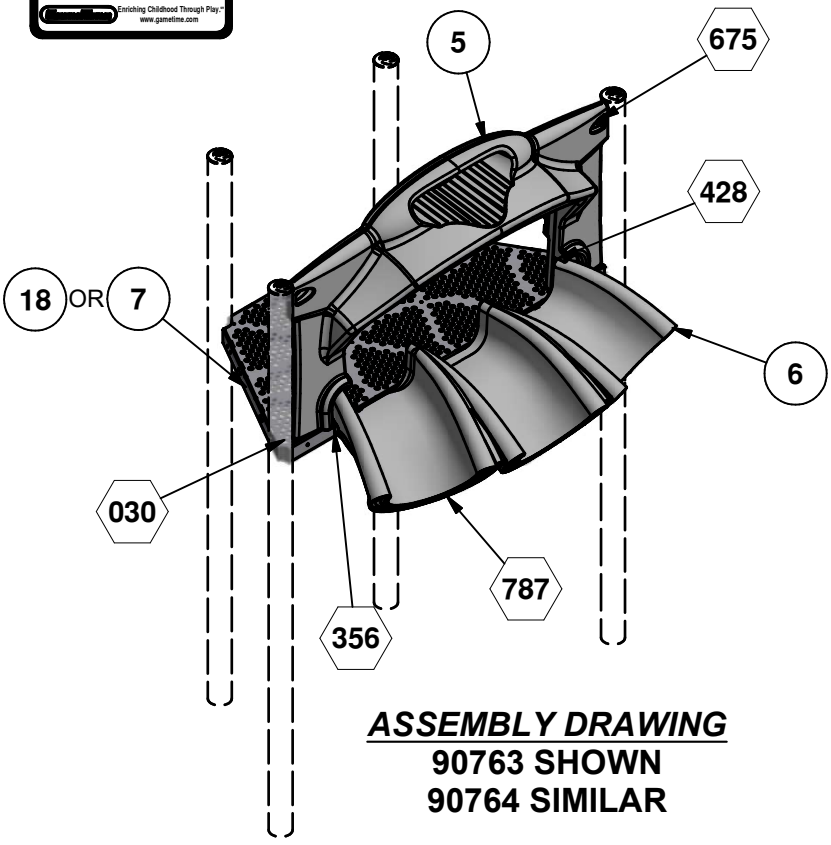
SINGLE ENTRANCE	90700
DOUBLE ENTRANCE	90701
TRIPLE ENTRANCE	90763
STRAIGHT	90703
CURVE LEFT	90704
CURVE RIGHT	90705
EXIT	90706
140° HELIX SPIRAL	90707
HELIX SPIRAL	90708
SLIDE SUPPORT	90709
SLIDE SUPPORT	90710
SLIDE SUPPORT	90718
LONG EXIT	90762
TRIPLE ENTRANCE ADA	90764
DOUBLE STRAIGHT	90729
OUTRIGGER	90776



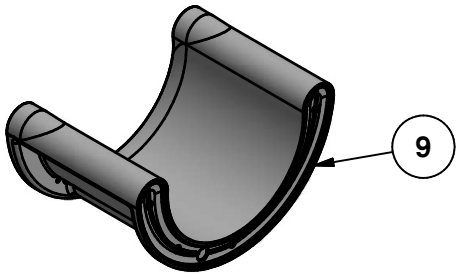
ASSEMBLY DRAWING
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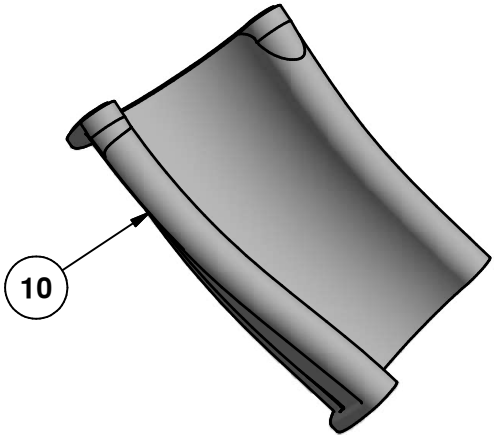
ASSEMBLY DRAWING
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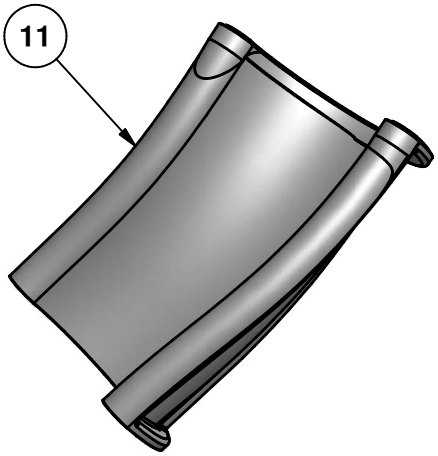
ASSEMBLY DRAWING
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90764 SIMILAR



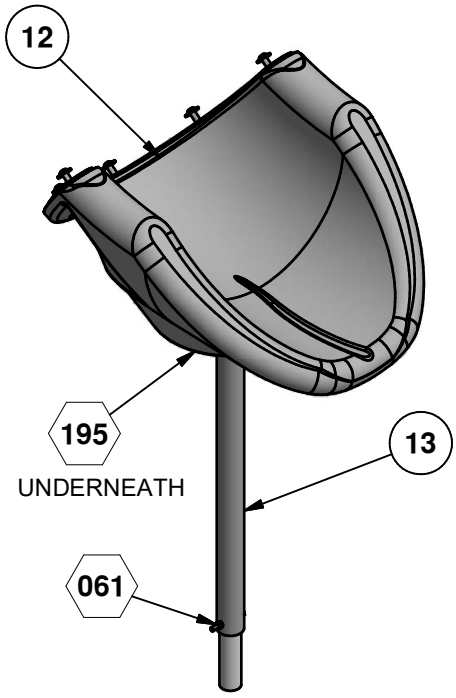
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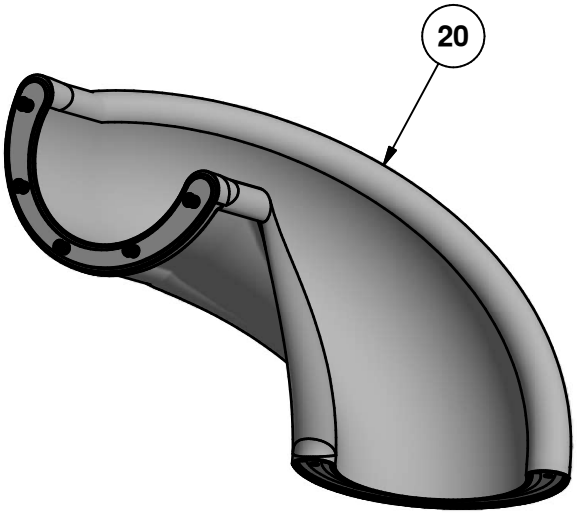
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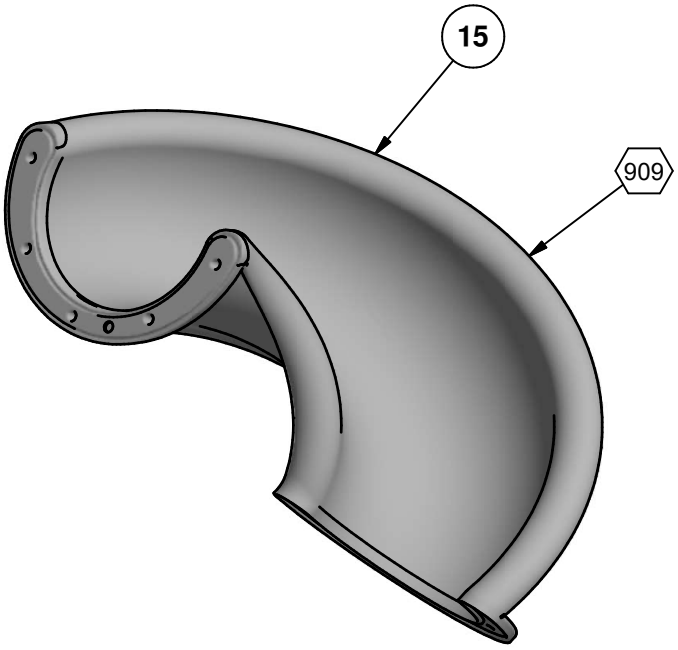
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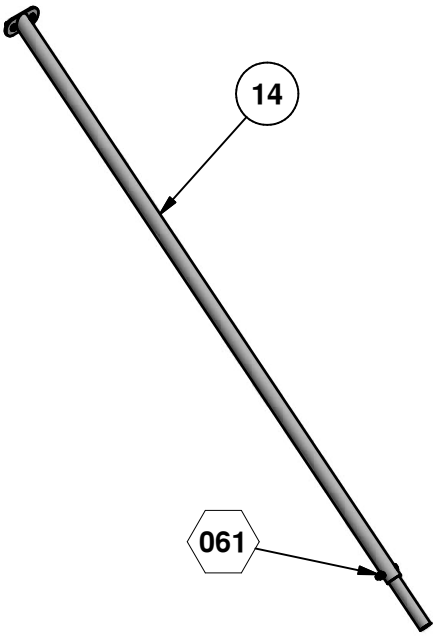
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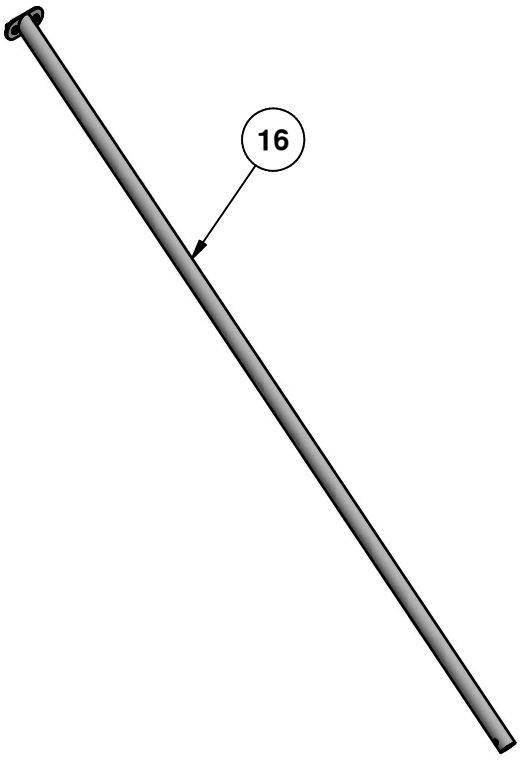
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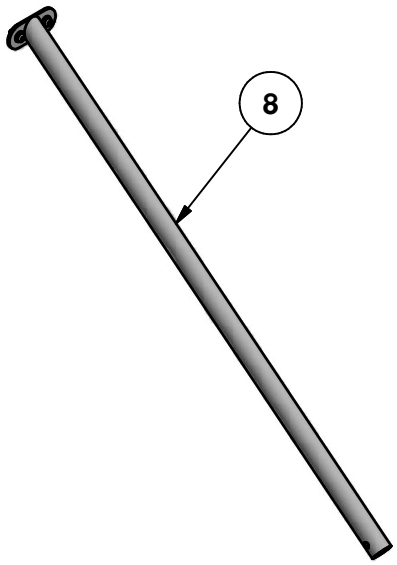
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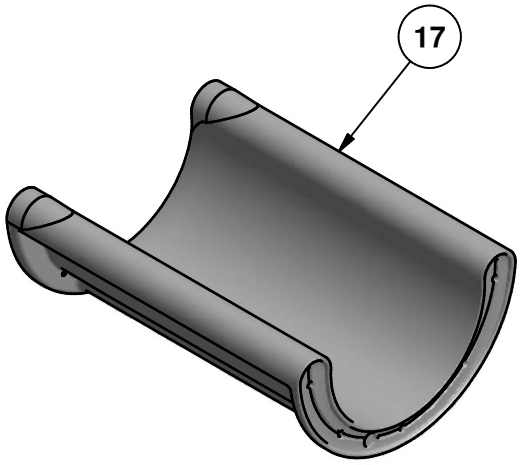
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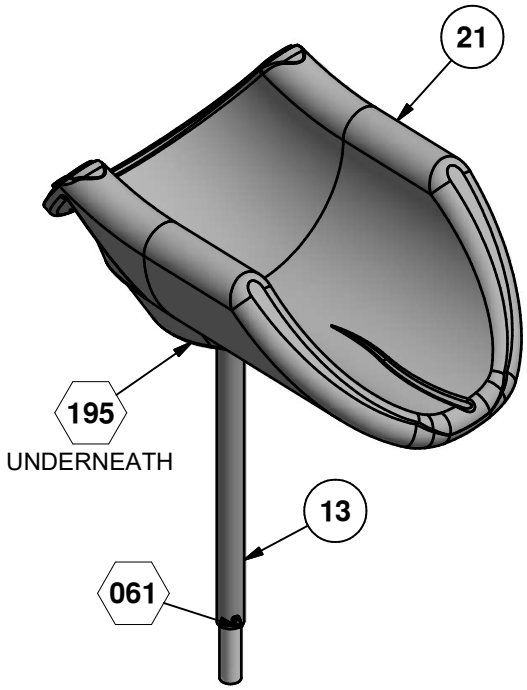
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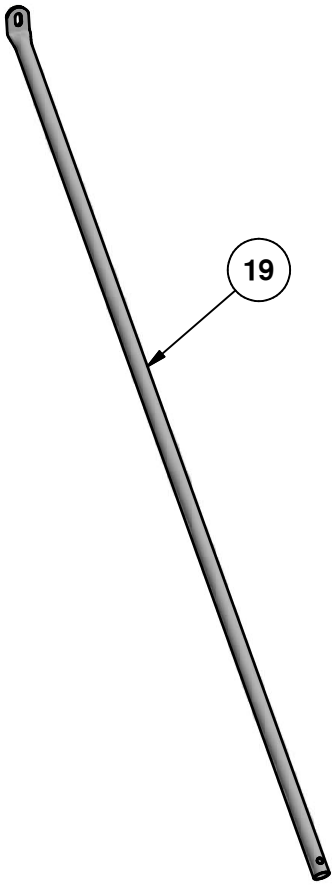
ASSEMBLY DRAWING
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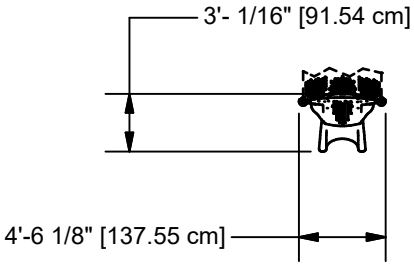
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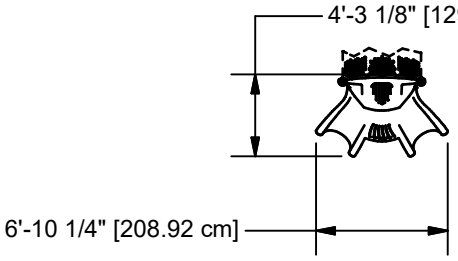
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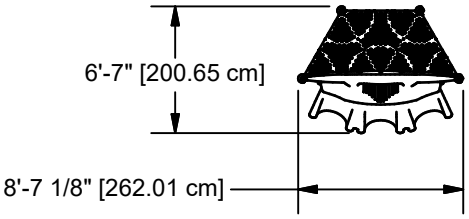
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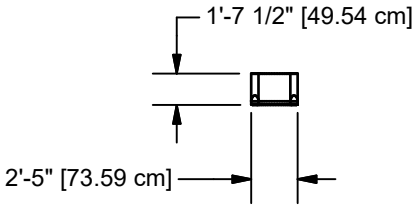
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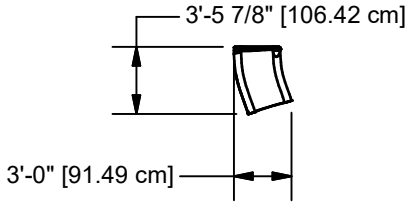
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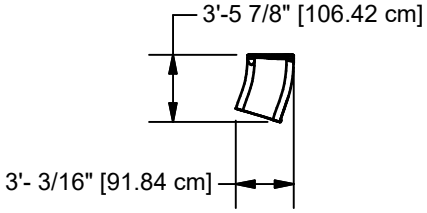
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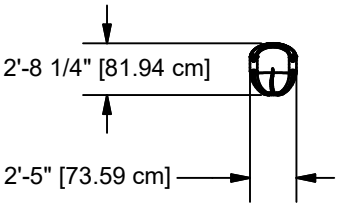
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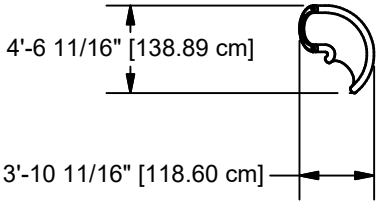
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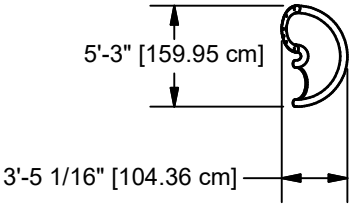
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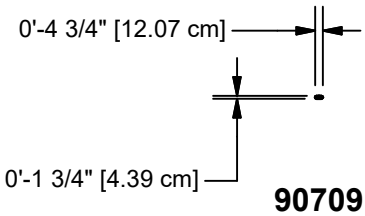
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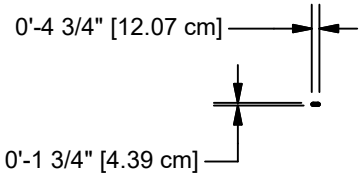
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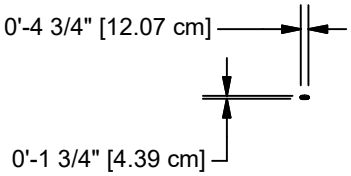
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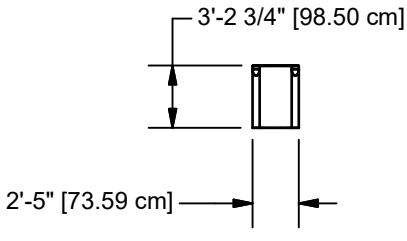
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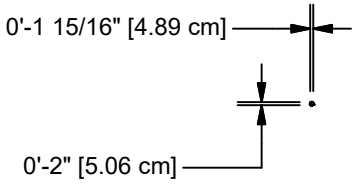
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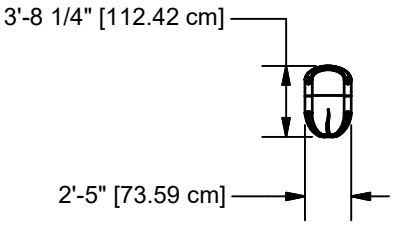
90718



90729



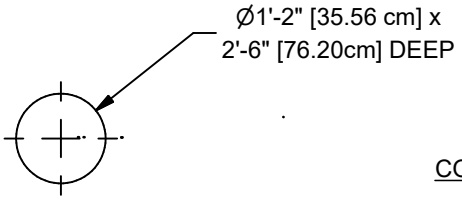
90776



90762

TOP VIEWS

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

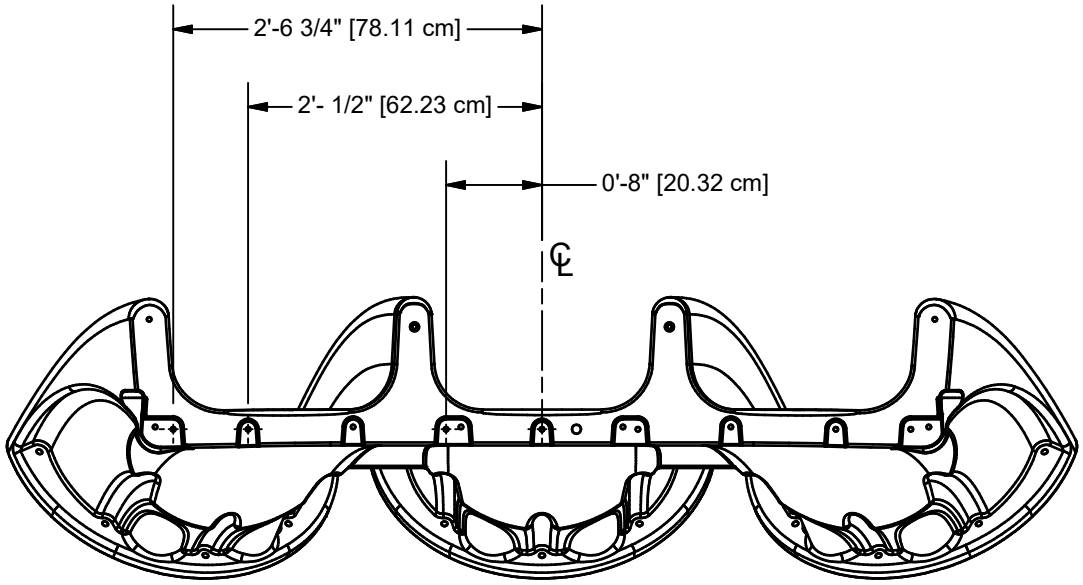


CONCRETE REQUIRED:
.06 CUBIC YARDS
[.05 CUBIC METERS]

PER GROUND HOLE
(DETERMINED BY CONFIGURATION)

NOTE:
NUMBER OF GROUND HOLES REQUIRED
WILL BE DETERMINED BY SLIDE CONFIGURATION.

GROUND PLAN

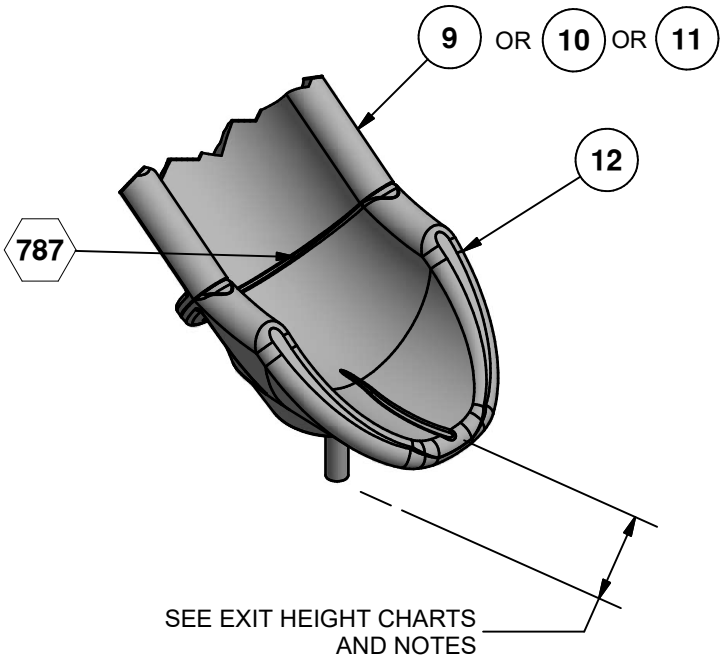


NOTE: USE THESE INSERTS TO ATTACH TRIPLE ENTRANCE TO PLATFORM. CLEAN OUT HOLE LOCATIONS ON PLATFORM TO MATCH DIMENSIONS

TRIPLE ENTRANCE HOLE PATTERN DETAIL

EXIT HEIGHT CHART	
DECK HEIGHT	EXIT HEIGHT
3'-0"	7 1/4" [18.42cm]
3'-6"	13 1/4" [33.66cm]
4'-0"	7 1 /4" [18.42 cm]
4'-6"	13 1/4" [33.66 cm]
5'-0"	7 1/4" [18.42cm]
5'-6"	13 1/4" [33.66 cm]
6'-0"	7 1/4" [18.42 cm]
6'-6"	13 1/4" [33.66 cm]
7'-0"	7 1/4" [18.42 cm]
7'-6"	13 1/4" [33.66 cm]
8'-0"	7 1/4" [18.42cm]

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



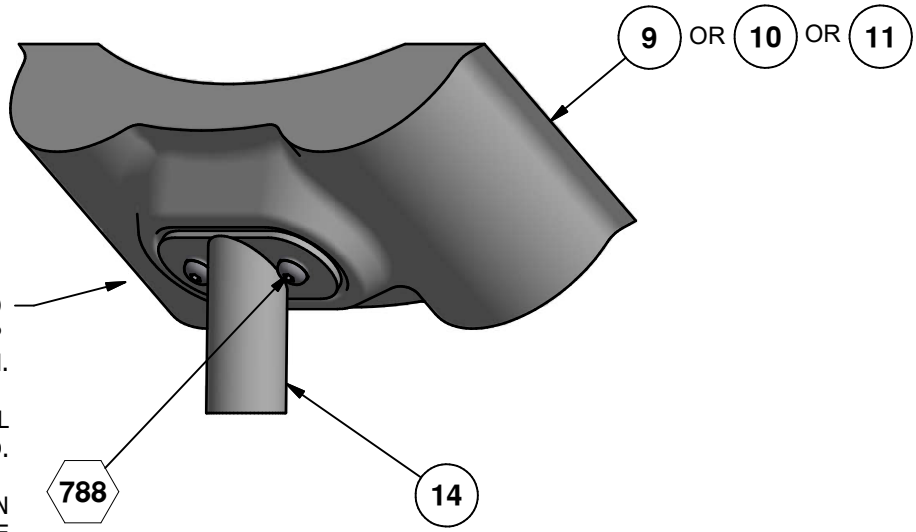
NOTE:
IF YOUR BUILDING A SINGLE ENTRANCE STRAIGHT SLIDE YOUR EXIT HEIGHT WILL BE AS FOLLOWS:

DECK HEIGHT	EXIT HEIGHT
7'-0"	8 3/4" [22.23cm]
7'-6"	14 3/4" [37.47cm]
8'-0"	11" [27.94cm]

NOTE:
IF YOUR BUILDING A TRIPLE ENTRANCE STRAIGHT SLIDE IN THE CENTER YOUR EXIT HEIGHT WILL BE AS FOLLOWS:

DECK HEIGHT	EXIT HEIGHT
7'-0"	8 1/4" [20.96cm]
7'-6"	14 1/4" [36.20 cm]
8'-0"	10" [25.40 cm]

EXIT SECTION ASSEMBLY DRAWING



NOTE: SUPPORT ATTACHES TO THE THIRD MOUNTING PAD UP FROM THE BOTTOM.

EXCEPT WHEN A HELIX SPRAL IS USED.

IF HELIX SPIRAL IS USED THEN SUPPORT WILL ATTACH TO THE FIRST DOWNWARD HELIX SPIRAL.

SLIDE SUPPORT ASSEMBLY DRAWING

INSTALLATION INSTRUCTIONS

SINGLE BEDWAY SLIDES

1. Before assembling this equipment, read the enclosed *INSTALLATION INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in *ASSEMBLY DRAWINGS*. Refer to the assembly details for the specific hardware required in each connection.
3. Attach Single Zip Slide Hood using Detail 675.
4. Attach Footbuck to Exit Section using Detail 195.
5. Assemble all slide sections on the ground. Bolt each section together using the hardware shown in Detail 787. Hand tighten the five bolts that join each section.

Note: Refer to your units Top View for proper placement and orientation of each slide section.

6. Once all sections are bolted together, hand tight, install the slide to the Single Zip Slide Hood and platform using Detail 356 and Detail 428.
7. Starting at the top section, tighten the five bolts with a wrench. Tighten the top two bolts first, the bottom single bolt second, then the remaining two bolts as shown, See Figure #1.
8. It is important that each seam between slide sections are as tight as possible. Be sure that the seams are flush or higher on the upper piece. See Figure #2.
9. After tightening all the pieces, if seam adjustment is necessary, slightly loosen the bolts in the area to be adjusted and repeat step 7 and 8 until seams are properly fitted.
10. After the slide is adjusted and the bolts are tight, attach the slide support using Detail 788 (if required).

NOTE: Support attaches to the third mounting pad up from the bottom.

11. Use Detail 789 to plug inserts in Straight and Curved Sections as required.
12. Attach Outrigger to Spirals if required using Detail 840.

DOUBLE BEDWAY SLIDES

1. Before assembling this equipment, read the enclosed *INSTALLATION INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in *ASSEMBLY DRAWINGS*. Refer to the assembly details for the specific hardware required in each connection.
3. Attach Double Zip Slide Hood using Detail 675.
4. Attach Footbucks to Exit Sections using Detail 195.
5. Attach the Double Entrance Section using Detail 356 and Detail 428.
6. Assemble all slide sections on the ground. Bolt each section together using the hardware shown in Detail 787. Hand tighten the five bolts that join each section.

Note: Refer to your units Top View for proper placement and orientation of each slide section.

7. Once all sections are bolted together, hand tight, install the slides to the Double Entrance Section using Detail 787.
8. Starting at the top section, tighten the five bolts with a wrench. Tighten the top two bolts first, the bottom single bolt second, then the remaining two bolts as shown, See Figure #1.
9. It is important that each seam between slide sections are as tight as possible. Be sure that the seams are flush or higher on the upper piece. See Figure #2.
10. After tightening all the pieces, if seam adjustment is necessary, slightly loosen the bolts in the area to be adjusted and repeat step 8 and 9 until seams are properly fitted.
11. After the slide is adjusted and the bolts are tight, attach the slide supports using Detail 788 (if required).

NOTE: Support attaches to the third mounting pad up from the bottom.

12. Use Detail 789 to plug inserts in Straight and Curved Sections as required.
13. Attach Outrigger to Spirals if required using Detail 840.

TRIPLE BEDWAY SLIDES

1. Before assembling this equipment, read the enclosed *INSTALLATION INSTRUCTIONS* in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in *ASSEMBLY DRAWINGS*. Refer to the assembly details for the specific hardware required in each connection.
3. Attach Hex Deck to Uprights using Detail 030.
4. Attach Triple Slide Hood using Detail 675.
5. Attach Footbucks to Exit Sections using Detail 195.
6. Attach the Triple Entrance Section using Detail 356 and Detail 428.
7. Assemble all slide sections on the ground. Bolt each section together using the hardware shown in Detail 787 and 852. Hand tighten the five bolts that join each section.

Note: Refer to your units Top View for proper placement and orientation of each slide section.

8. Once all sections are bolted together, hand tight, install the slides to the Triple Entrance Section using Detail 787 and 852.
9. Starting at the top section, tighten the five bolts with a wrench. Tighten the top two bolts first, the bottom single bolt second, then the remaining two bolts as shown, See Figure #1.
10.. It is important that each seam between slide sections are as tight as possible. Be sure that the seams are flush or higher on the upper piece. See Figure #2.
11. After tightening all the pieces, if seam adjustment is necessary, slightly loosen the bolts in the area to be adjusted and repeat step 9 and 10 until seams are properly fitted.
12. After the slide is adjusted and the bolts are tight, attach the slide supports using Detail 788 (if required).

NOTE: Support attaches to the third mounting pad up from the bottom.

13. Use Detail 789 to plug inserts in Straight and Curved Sections as required.
14. Attach Outrigger to Spirals if required using Detail 840.

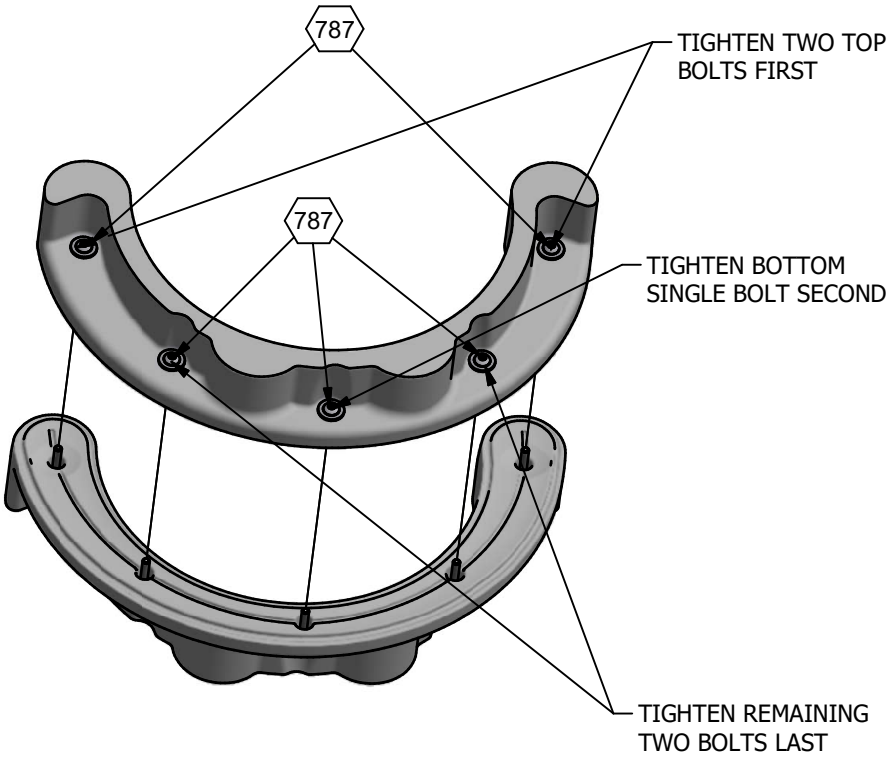


FIGURE #1

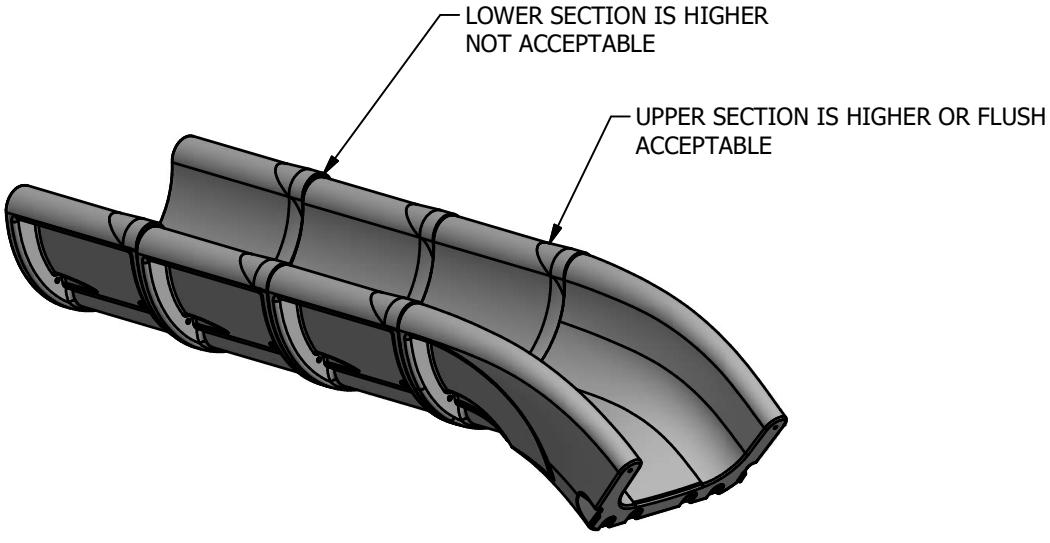


FIGURE #2

Parts List										
REF.	DESCRIPTION	90700	90701	90763	90703	90704	90705	90706	90707	PART NUMBER
1	SINGLE ZIP SLIDE HOOD	1	0	0	0	0	0	0	0	203858
2	SINGLE ENTRANCE SECTION	1	0	0	0	0	0	0	0	205960
3	DOUBLE ZIP SLIDE HOOD	0	1	0	0	0	0	0	0	203860
4	DOUBLE ENTRANCE SECTION	0	1	0	0	0	0	0	0	206167
5	TRIPLE SLIDE HOOD	0	0	1	0	0	0	0	0	207656
6	TRIPLE ENTRANCE SECTION	0	0	1	0	0	0	0	0	206168
7	COATED TWO PIECE HEX DECK	0	0	1	0	0	0	0	0	204318
8	SUPPORT ASS'Y	0	0	0	0	0	0	0	0	208976
9	STRAIGHT SECTION	0	0	0	1	0	0	0	0	205962
10	CURVED LEFT SECTION	0	0	0	0	1	0	0	0	205963
11	CURVED RIGHT SECTION	0	0	0	0	0	1	0	0	205964
12	EXIT SECTION	0	0	0	0	0	0	1	0	206179
13	FOOTBUCK WELD ASS'Y	0	0	0	0	0	0	1	0	204879
14	SUPPORT ASS'Y	0	0	0	0	0	0	0	0	312634
15	HELIX SPIRAL	0	0	0	0	0	0	0	0	206170
16	SUPPORT ASS'Y	0	0	0	0	0	0	0	0	312637
17	DOUBLE STRAIGHT SECTION	0	0	0	0	0	0	0	0	207601
18	COATED TWO PIECE HEX DECK ADA	0	0	0	0	0	0	0	0	204533
19	OUTRIGGER	0	0	0	0	0	0	0	0	209049
20	HELIX SPIRAL 140 DEGREES	0	0	0	0	0	0	0	1	210735
	HARDWARE COMPLETE	1	0	0	0	0	0	0	1	207029
	HARDWARE COMPLETE	0	1	0	0	0	0	0	0	207030
	HARDWARE COMPLETE	0	0	1	0	0	0	0	0	209982
	HARDWARE COMPLETE	0	0	0	1	0	0	0	1	207032
	HARDWARE COMPLETE	0	0	0	0	1	1	0	0	207033
	HARDWARE COMPLETE	0	0	0	0	0	0	1	0	207035
	HARDWARE COMPLETE	0	0	0	0	0	0	0	0	207036
	HARDWARE COMPLETE	0	0	0	0	0	0	0	0	208396
	3/8" x 3/4" P.B.H.C.S. w/PATCH	0	0	0	0	0	0	2	0	812052*
	3/8" x 1" P.B.H.C.S. w/PATCH	0	2	0	2	4	4	0	2	812050*
	3/8" x 1 1/2" P.B.H.C.S.	0	0	12	0	0	0	0	0	810053*
	3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	4	6	0	0	0	0	0	812054*
	3/8" x 2" P.B.H.C.S. w/PATCH	0	0	0	5	5	5	5	5	812055*
	3/8" x 2 1/4" P.B.H.C.S. w/PATCH	2	2	2	0	0	0	0	0	812056*
	3/8" x 2 3/4" P.B.H.C.S. w/PATCH	2	2	2	0	0	0	0	0	812058*
	3/8" x 3 1/2" HEX HEAD BOLT	0	0	0	0	0	0	1	0	801013*
	3/8" x 2 1/2" HEX HEAD BOLT	0	0	0	0	0	0	0	0	801009*
	3/8" LOCK WASHER	6	8	22	5	5	5	8	5	817334*
	3/8" FLATWASHER	0	0	0	0	0	0	2	0	817410*
	3/8" FLAT WASHER (1" O.D.)	2	2	2	0	0	0	0	0	817401*
	3/8" FLAT WASHER (1 1/4" O.D.)	4	6	20	6	6	6	6	6	817424*
	3/8" HEX NUT	0	0	0	0	0	0	1	0	804053*
	6" EXTENSION	0	0	0	0	0	0	1	0	151080*
	EXTENSION LEG	0	0	0	0	0	0	0	0	152110*
	1/2" FLAT WASHER(1 3/8" O.D.)	0	0	0	6	6	6	6	6	817425*
	3/8" BARREL NUT LONG	0	0	0	5	5	5	5	5	804820*

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

Warning: During Installation, Hardware And Small Parts Are Choking Hazards
For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed.
Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment
And Dispose/Save Them In A Secure Location.
Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.

Parts List										
REF.	DESCRIPTION	90708	90709	90710	90718	90762	90764	90729	90776	PART NUMBER
1	SINGLE ZIP SLIDE HOOD	0	0	0	0	0	0	0	0	203858
2	SINGLE ENTRANCE SECTION	0	0	0	0	0	0	0	0	205960
3	DOUBLE ZIP SLIDE HOOD	0	0	0	0	0	0	0	0	203860
4	DOUBLE ENTRANCE SECTION	0	0	0	0	0	0	0	0	206167
5	TRIPLE SLIDE HOOD	0	0	0	0	0	1	0	0	207656
6	TRIPLE ENTRANCE SECTION	0	0	0	0	0	1	0	0	206168
7	COATED TWO PIECE HEX DECK	0	0	0	0	0	0	0	0	204318
8	SUPPORT ASS'Y	0	0	0	1	0	0	0	0	208976
9	STRAIGHT SECTION	0	0	0	0	0	0	0	0	205962
10	CURVED LEFT SECTION	0	0	0	0	0	0	0	0	205963
11	CURVED RIGHT SECTION	0	0	0	0	0	0	0	0	205964
12	EXIT SECTION	0	0	0	0	0	0	0	0	206179
13	FOOTBUCK WELD ASS'Y	0	0	0	0	1	0	0	0	204879
14	SUPPORT ASS'Y	0	1	0	0	0	0	0	0	312634
15	HELIX SPIRAL	1	0	0	0	0	0	0	0	206170
16	SUPPORT ASS'Y	0	0	1	0	0	0	0	0	312637
17	DOUBLE STRAIGHT SECTION	0	0	0	0	0	0	1	0	207601
18	COATED TWO PIECE HEX DECK ADA	0	0	0	0	0	1	0	0	204533
19	OUTRIGGER	0	0	0	0	0	0	0	1	209049
21	EXIT SECTION	0	0	0	0	1	0	0	0	211303
	HARDWARE COMPLETE	0	0	0	0	0	0	0	0	207029
	HARDWARE COMPLETE	0	0	0	0	0	0	0	0	207030
	HARDWARE COMPLETE	0	0	0	0	0	1	0	0	209982
	HARDWARE COMPLETE	1	0	0	0	0	0	0	0	207032
	HARDWARE COMPLETE	0	0	0	0	0	0	1	0	207033
	HARDWARE COMPLETE	0	0	0	0	1	0	0	0	207035
	HARDWARE COMPLETE	0	1	0	0	0	0	0	0	207036
	HARDWARE COMPLETE	0	0	1	1	0	0	0	0	208396
	3/8" x 3/4" P.B.H.C.S. w/PATCH	0	0	0	0	2	0	0	0	812052*
	3/8" x 1" P.B.H.C.S. w/PATCH	2	2	2	2	0	0	4	0	812050*
	3/8" x 1 1/2" P.B.H.C.S.	0	0	0	0	0	12	0	0	810053*
	3/8" x 1 3/4" P.B.H.C.S. w/PATCH	0	0	0	0	0	6	0	0	812054*
	3/8" x 2" P.B.H.C.S. w/PATCH	5	0	0	0	5	0	5	0	812055*
	3/8" x 2 1/4" P.B.H.C.S. w/PATCH	0	0	0	0	0	2	0	0	812056*
	3/8" x 2 3/4" P.B.H.C.S. w/PATCH	0	0	0	0	0	2	0	0	812058*
	3/8" x 3 1/2" HEX HEAD BOLT	0	0	0	0	1	0	0	0	801013*
	3/8" x 2 1/2" HEX HEAD BOLT	0	1	0	0	0	0	0	0	801009*
	3/8" LOCK WASHER	5	3	2	2	8	22	5	0	817334*
	3/8" FLATWASHER	0	2	2	2	2	0	0	0	817410*
	3/8" FLAT WASHER (1" O.D.)	0	0	0	0	0	2	0	0	817401*
	3/8" FLAT WASHER (1 1/4" O.D.)	6	0	0	0	6	20	6	0	817424*
	3/8" HEX NUT	0	1	0	0	1	0	0	0	804053*
	6" EXTENSION	0	0	0	0	1	0	0	0	151080*
	EXTENSION LEG	0	1	0	0	0	0	0	0	152110*
	1/2" FLAT WASHER(1 3/8" O.D.)	6	0	0	0	6	0	6	0	817425*
	3/8" BARREL NUT LONG	5	0	0	0	5	0	5	0	804820*

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

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

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

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

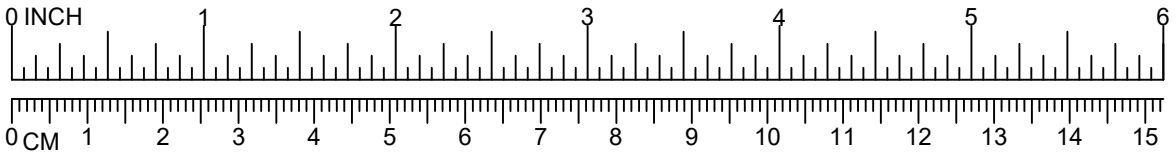
DETAILS -for-
90700, 90701, 90763, 90703 THRU 90710, 90718, 90762, 90764, 90729 & 90776.

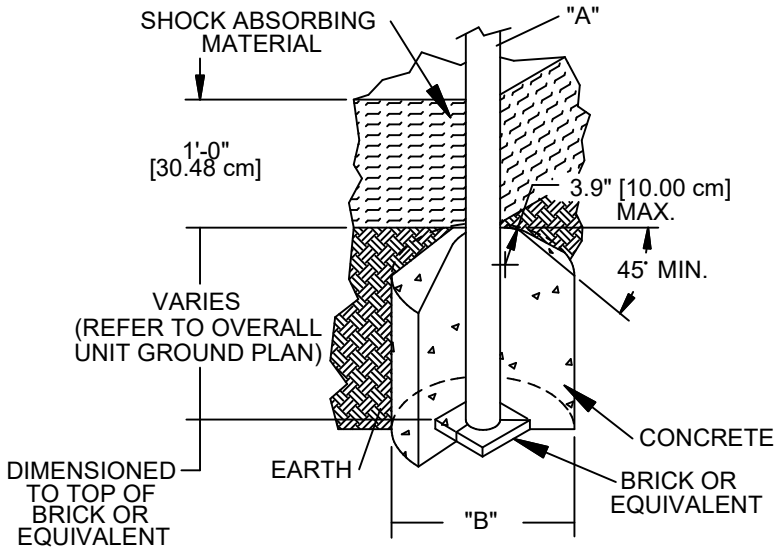
IMPORTANT

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

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

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



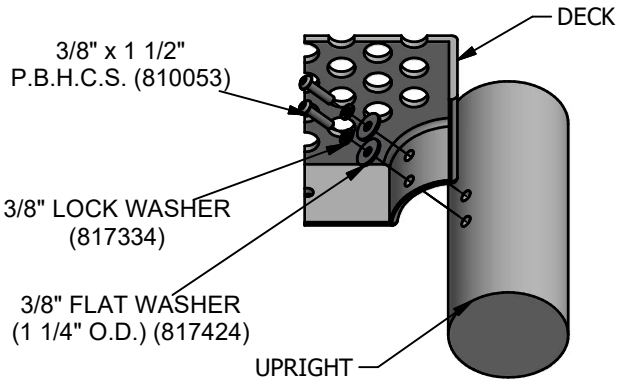


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS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

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

032

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

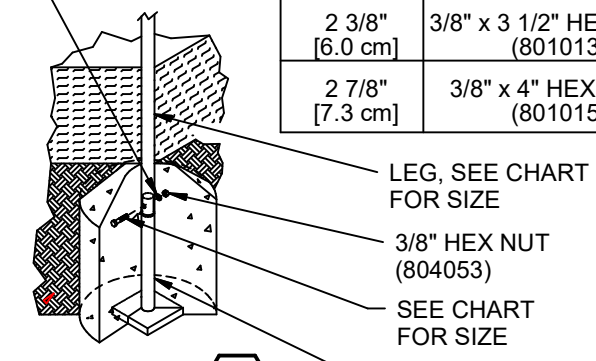


*NOTE:
BOLTS SHOULD BE TORQUED FROM 20-25 FT. LBS. FOR PROPER INSTALLATION.

030

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

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



061

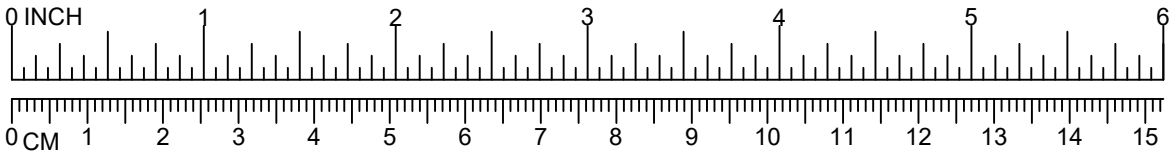
DETAILS -for-
90700, 90701, 90763, 90703 THRU 90710, 90718, 90762, 90764, 90729 & 90776.

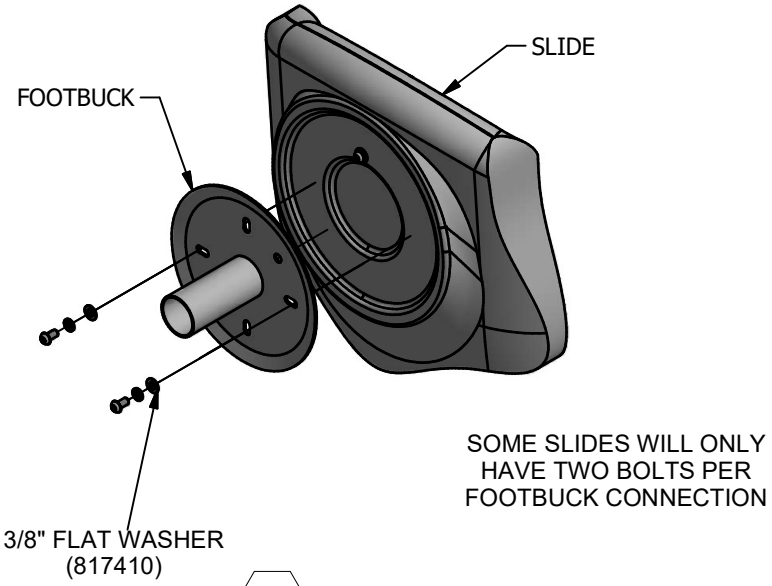
IMPORTANT

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

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

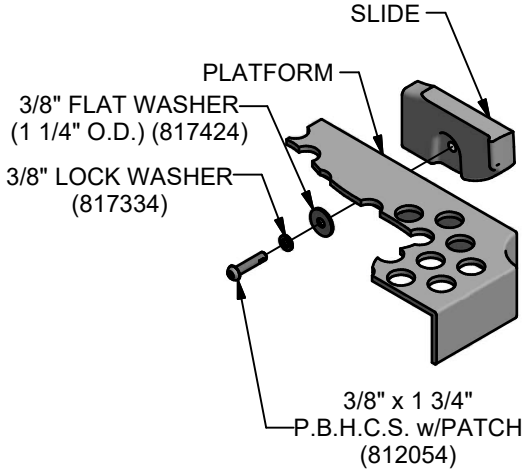
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



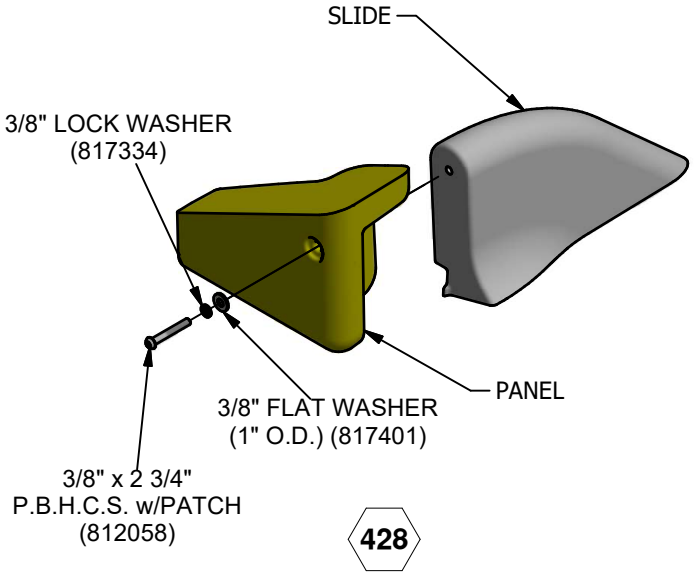


SOME SLIDES WILL ONLY HAVE TWO BOLTS PER FOOTBUCK CONNECTION

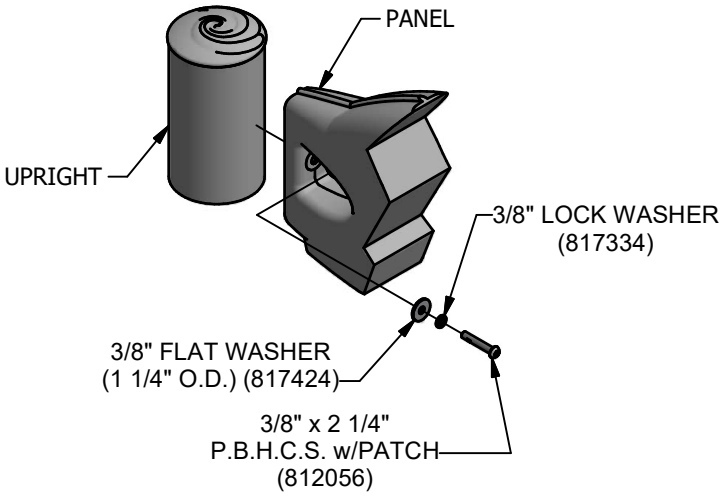
195



356



428



675

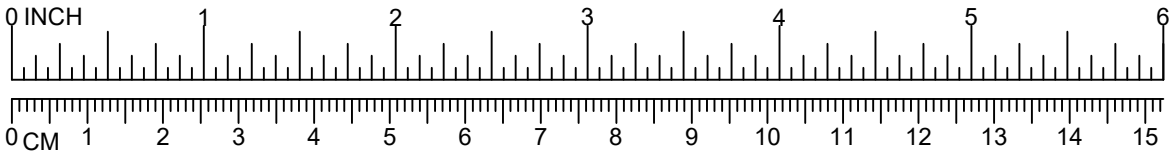
DETAILS -for-
90700, 90701, 90763, 90703 THRU 90710, 90718, 90762, 90764, 90729 & 90776.

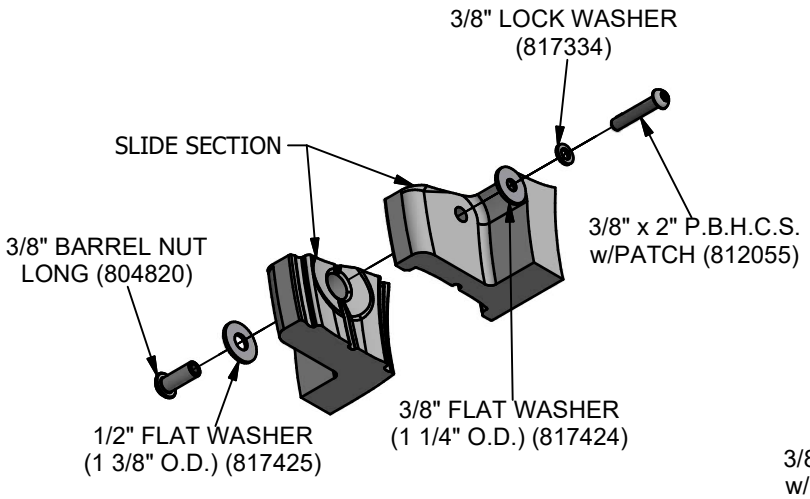
IMPORTANT

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

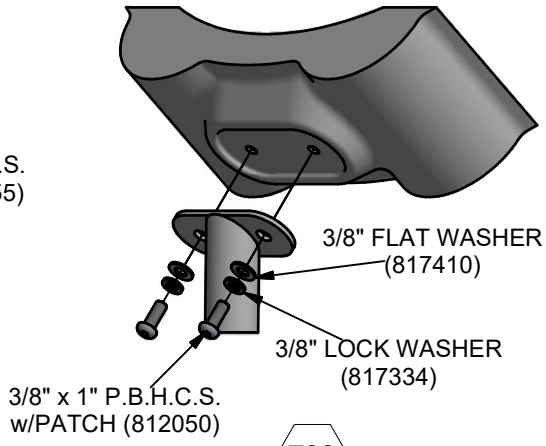
NOTE: AFTER ASSEMBLY IS COMPLETE, PEEN TEE-NUTS AND FLATWASHERS TO MATCH RADIUS OF PIPE.



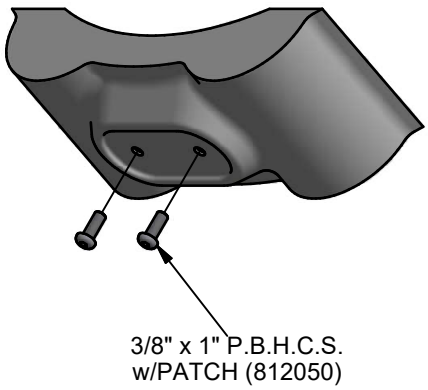


NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE

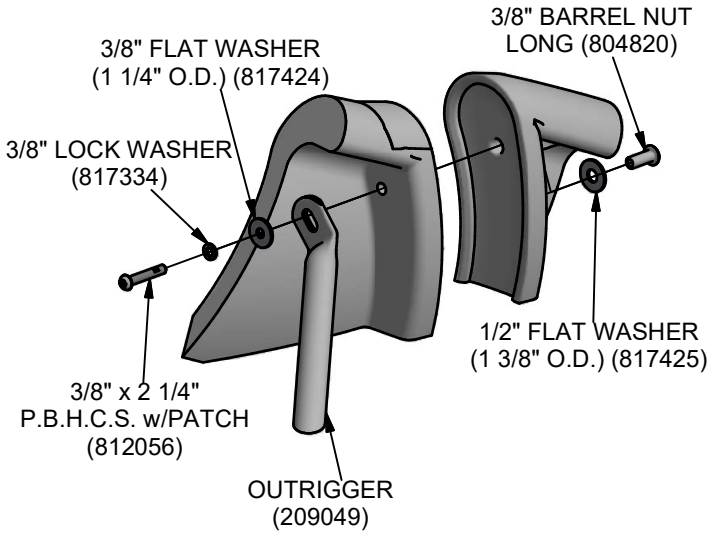
787



788



789



840

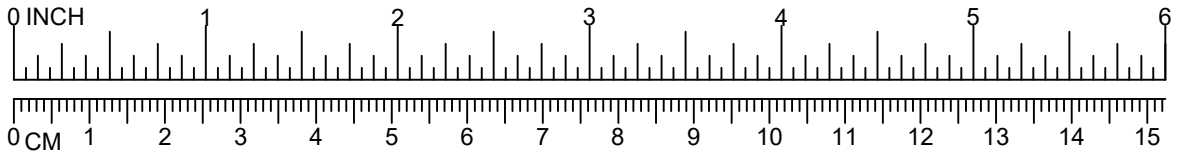
DETAILS -for-
90700, 90701, 90763, 90703 THRU 90710, 90718, 90762, 90764, 90729 & 90776.

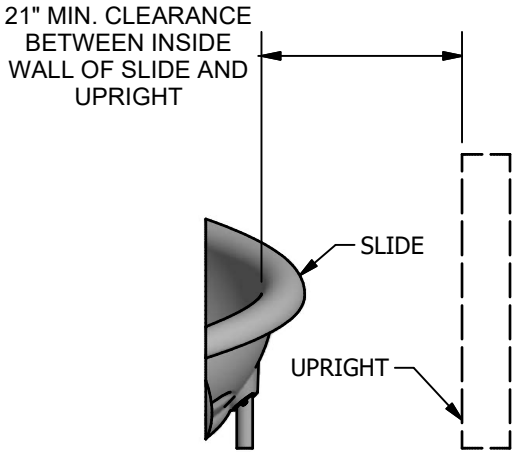
IMPORTANT

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

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

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





909

PowerScape

GameTime
A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 12/13/2021

90711

STEEL DRUM

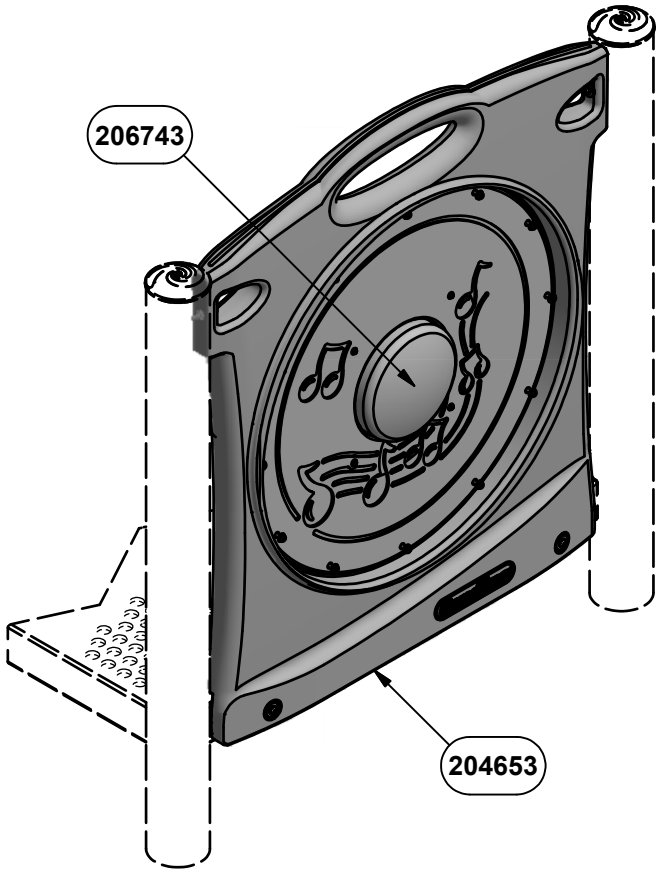
STEEL DRUM	90711
AIR LOCK COG	90712
FROG SLIDE PUZZLE	90713
TWIST BALL RUN	90715
COLOR WHEEL	90716



UP TO 5'-0"



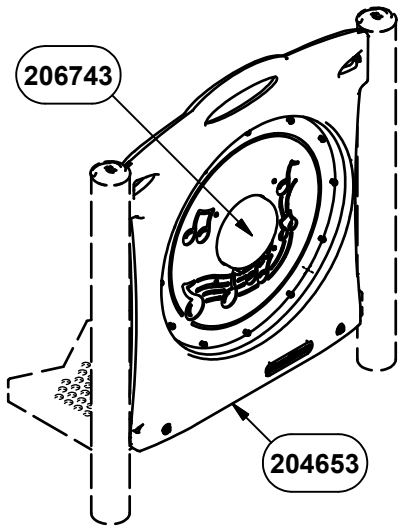
UP TO 8'-0"



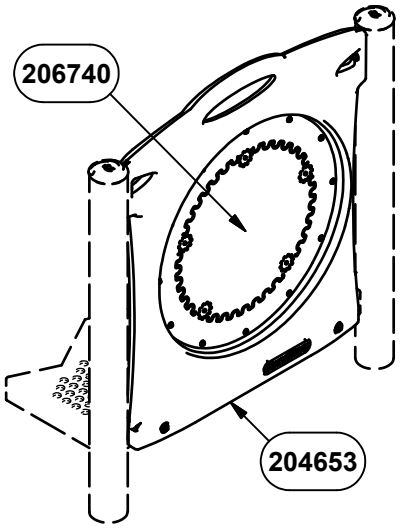
INSTALLATION INSTRUCTIONS

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.

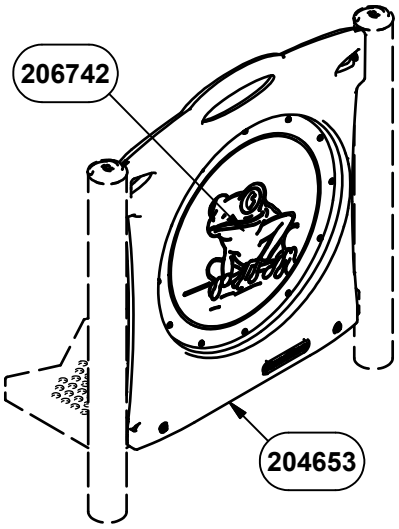
ASSEMBLY VIEW
90711 SHOWN



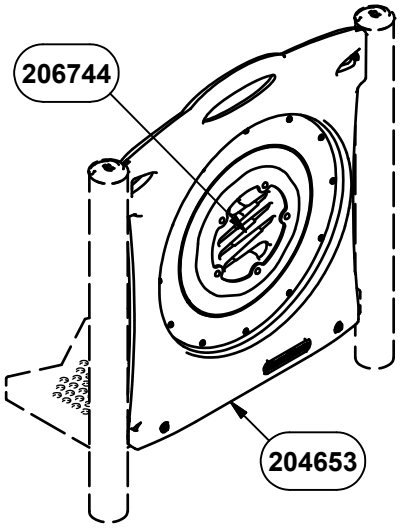
90711



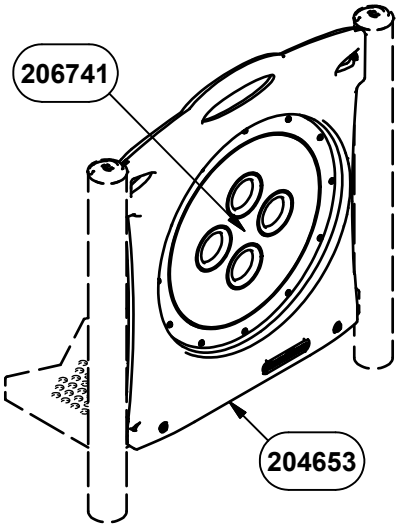
90712



90713

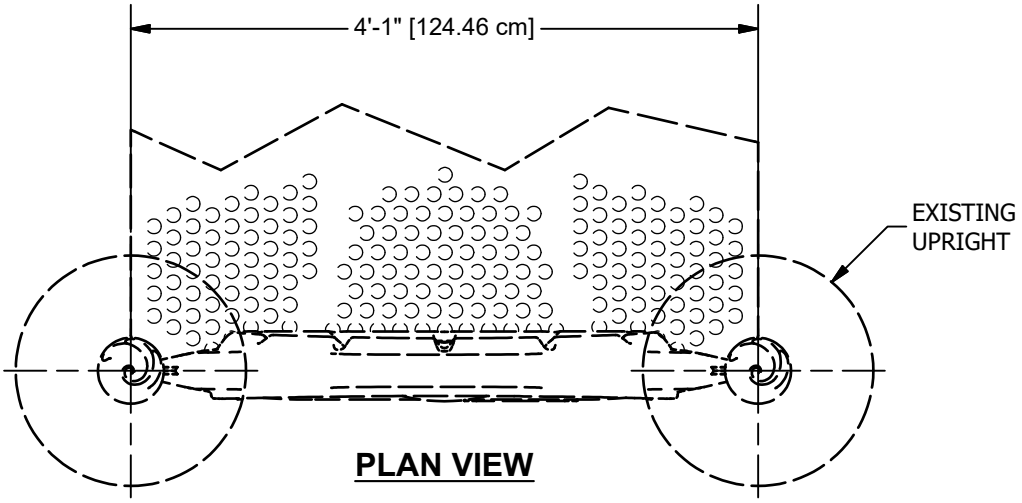


90715

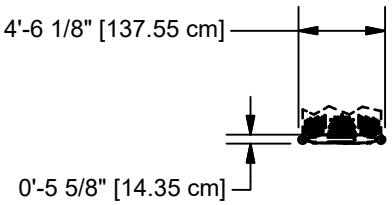


90716

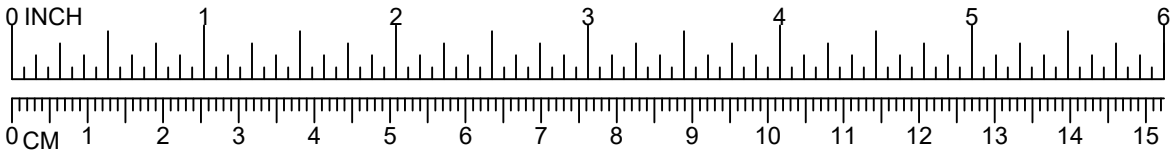
ASSEMBLY VIEW

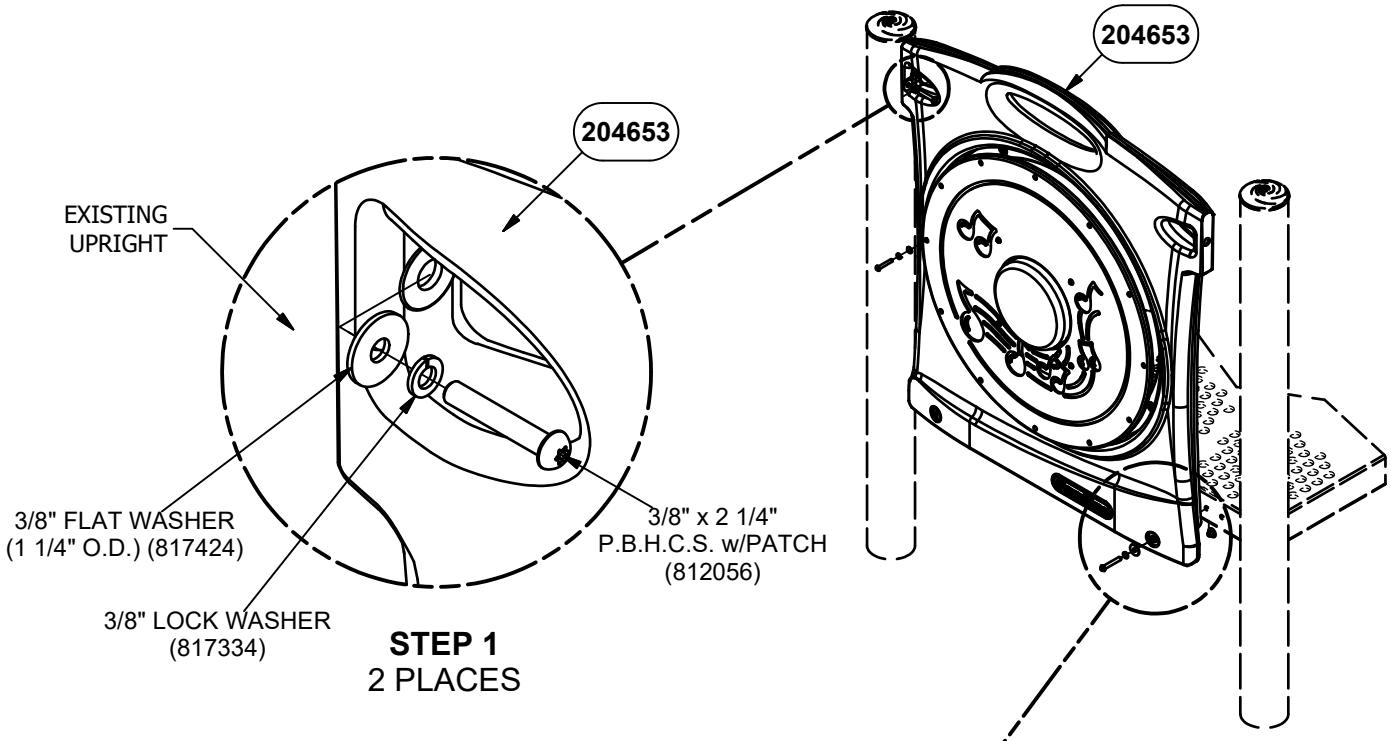


PLAN VIEW

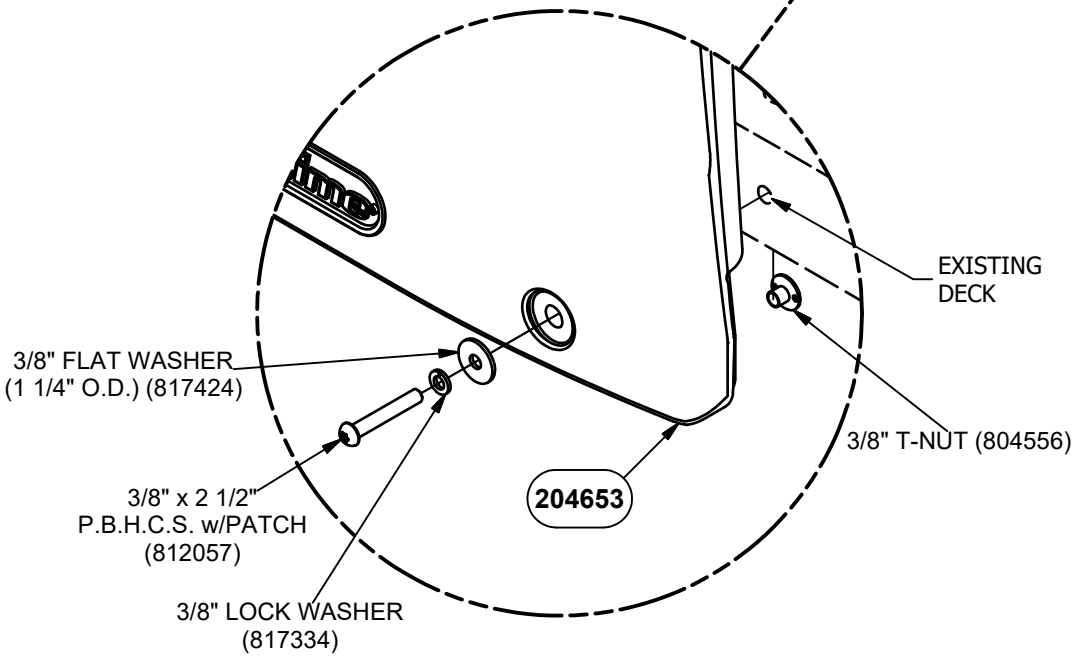


TOP VIEW





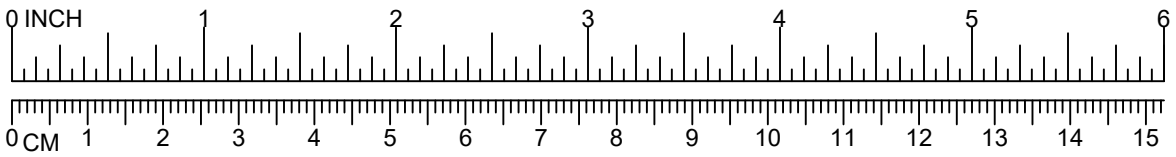
STEP 1
2 PLACES

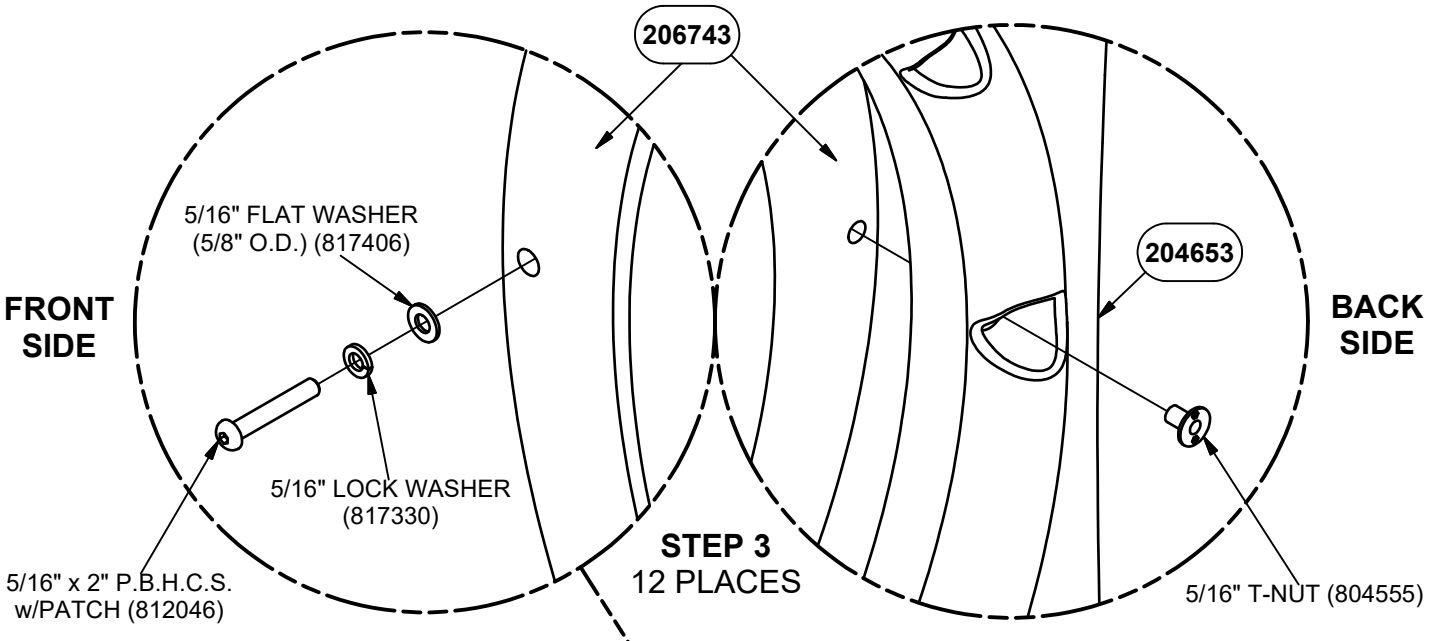


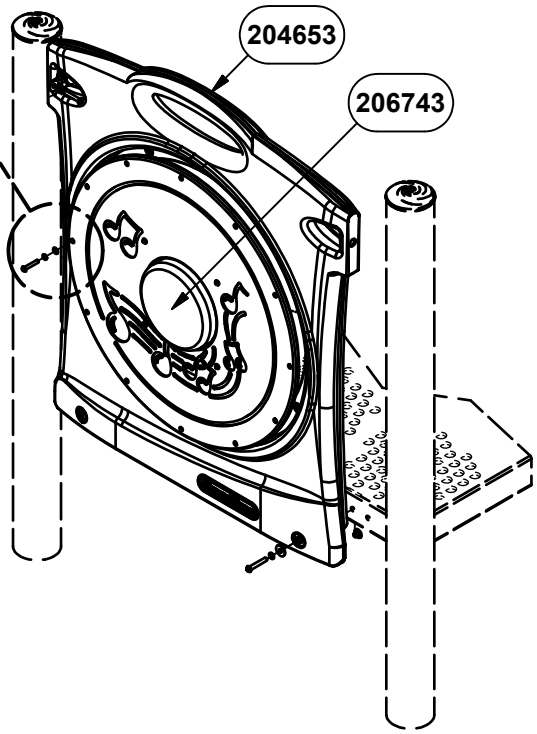
STEP 2
2 PLACES

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

Parts List						
DESCRIPTION	90711	90712	90713	90715	90716	PART NUMBER
SHORT CRAWL TUBE PANEL	1	1	1	1	1	204653
STEEL DRUM GADGET	1	0	0	0	0	206743
AIR LOCK COG GADGET	0	1	0	0	0	206740
FROG SLIDE PUZZLE GADGET	0	0	1	0	0	206742
TWIST BALL RUN GADGET	0	0	0	1	0	206744
COLOR WHEEL GADGET	0	0	0	0	1	206741
HARDWARE COMPLETE	1	1	1	1	1	206747
5/16" x 2" P.B.H.C.S. w/PATCH	12	12	12	12	12	812046*
5/16" FLAT WASHER (5/8" O.D.)	12	12	12	12	12	817406*
5/16" LOCK WASHER	12	12	12	12	12	817330*
5/16" T-NUT	12	12	12	12	12	804555*
3/8" x 2 1/4" P.B.H.C.S. w/PATCH	2	4	4	4	4	812056*
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	2	2	2	2	2	812057*
3/8" FLAT WASHER (1 1/4" O.D.)	4	4	4	4	4	817424*
3/8" LOCK WASHER	4	4	4	4	4	817334*
3/8" T-NUT	2	2	2	2	2	804556*

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

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

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

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

PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 6/17/2020

90719 STEEL DRUM (BELOW DECK)

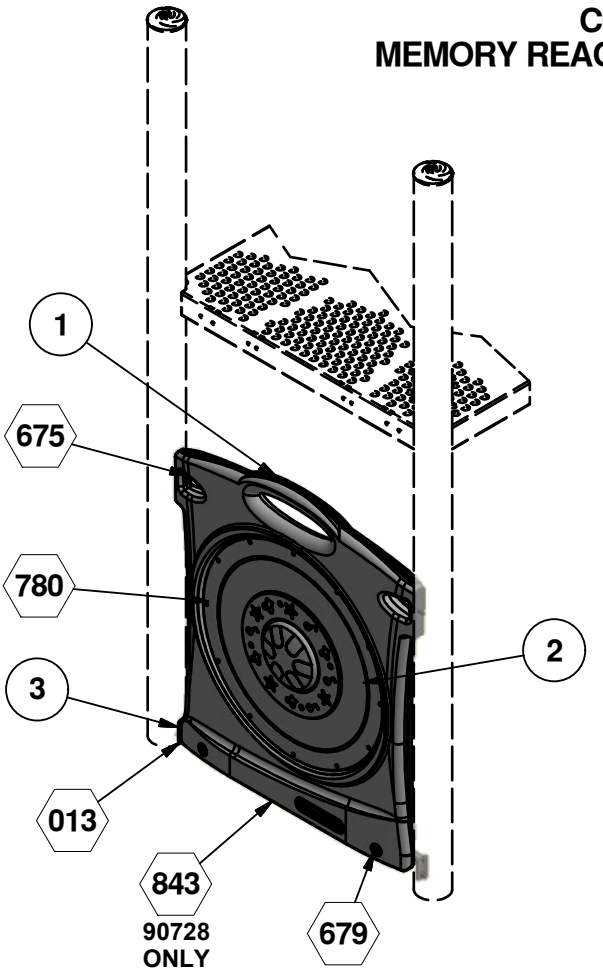
= INSTALLATION DETAIL

= PARTS LIST REFERENCE

STEEL DRUM	90719
AIR LOCK COG	90720
FROG SLIDE PUZZLE	90721
3 IN A ROW	90722
TWIST BALL RUN	90723
COLOR WHEEL	90724
MEMORY REACTIONS GAME	90728



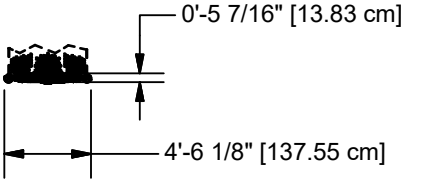
5'-6" TO 8'-0" DECK HEIGHTS



ASSEMBLY DRAWING

INSTALLATION INSTRUCTIONS

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



TOP VIEW

Parts List									
REF.	DESCRIPTION	90719	90720	90721	90722	90723	90724	90728	PART NUMBER
1	SHORT CRAWL TUBE PANEL	1	1	1	1	1	1	1	204653
2	STEEL DRUM GADGET	1	0	0	0	0	0	0	206743
2	AIR LOCK COG GADGET	0	1	0	0	0	0	0	206740
2	FROG SLIDE PUZZLE GADGET	0	0	1	0	0	0	0	206742
2	3 IN A ROW GADGET	0	0	0	1	0	0	0	206739
2	TWIST BALL RUN GADGET	0	0	0	0	1	0	0	206744
2	COLOR WHEEL GADGET	0	0	0	0	0	1	0	206741
2	MEMORY REACTIONS GAME	0	0	0	0	0	0	1	209060
3	BRACKET SUPPORT ASS'Y	1	1	1	1	1	1	1	203615
	HARDWARE COMPLETE	1	1	1	1	1	1	1	206748
	5/16" x 2" P.B.H.C.S. w/PATCH	12	12	12	12	12	12	12	812046*
	5/16" FLAT WASHER (5/8" O.D.)	12	12	12	12	12	12	12	817406*
	5/16" LOCK WASHER	12	12	12	12	12	12	12	817330*
	5/16" T-NUT	12	12	12	12	12	12	12	804555*
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	2	2	2	2	2	2	2	812051*
	3/8" x 2 1/4" P.B.H.C.S. w/PATCH	2	2	2	2	2	2	2	812056*
	3/8" LOCK WASHER	6	6	6	6	6	6	6	817334*
	3/8" FLAT WASHER (1 1/4" O.D.)	4	4	4	4	4	4	4	817424*
	3/8" T-NUT	2	2	2	2	2	2	2	804556*
	3/8" x 3 1/4" P.B.H.C.S. w/PATCH	2	2	2	2	2	2	2	812060*

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.

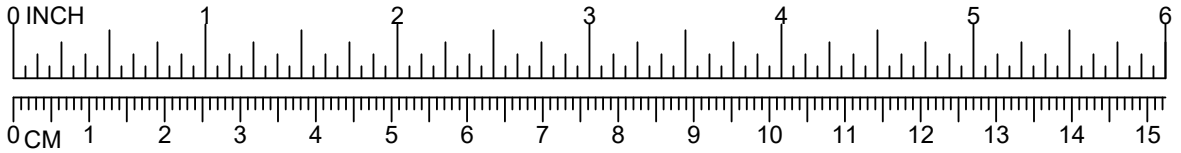
DETAILS -for-
90719 - 90724 & 90728

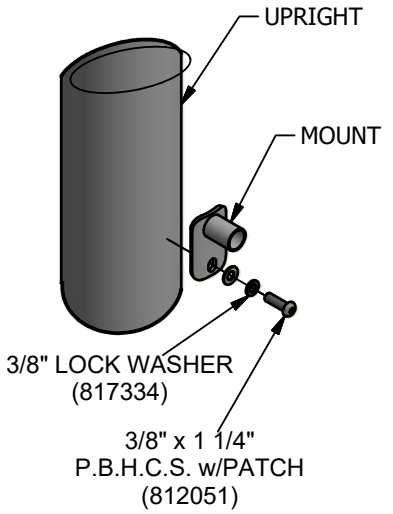
IMPORTANT

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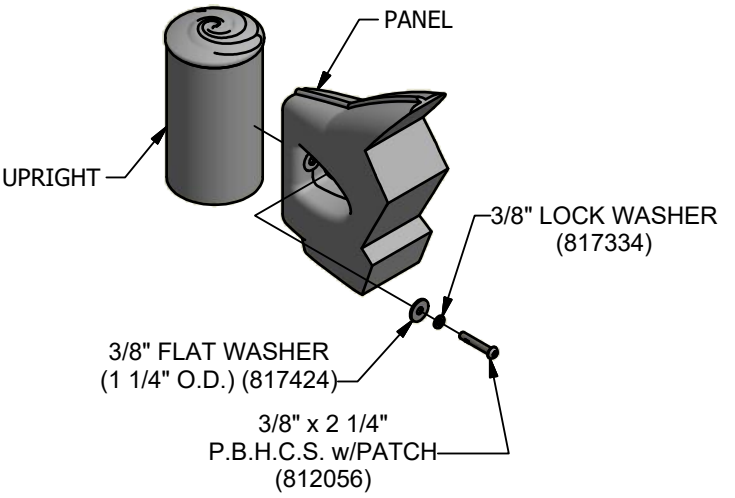
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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

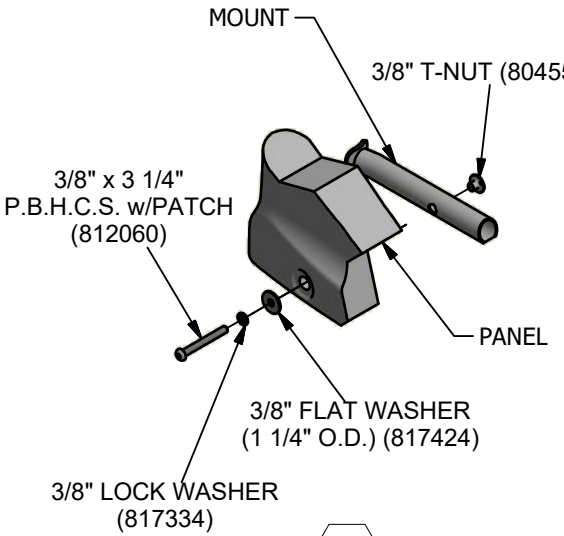




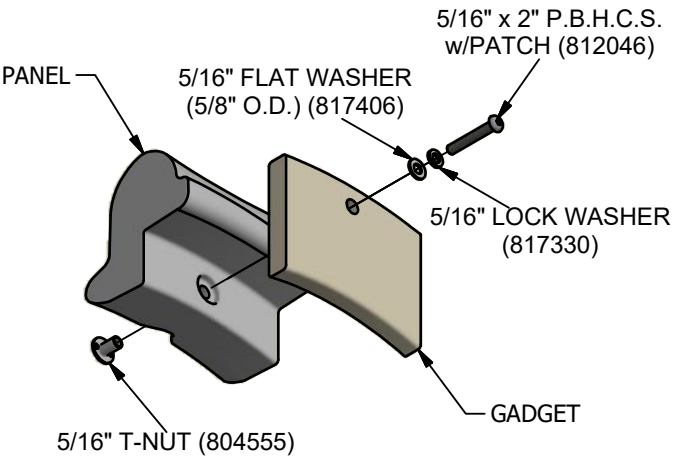
013



675



679



780

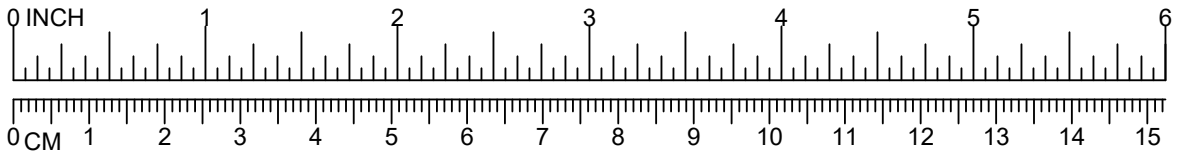
DETAILS -for-
90719 - 90724 & 90728

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.

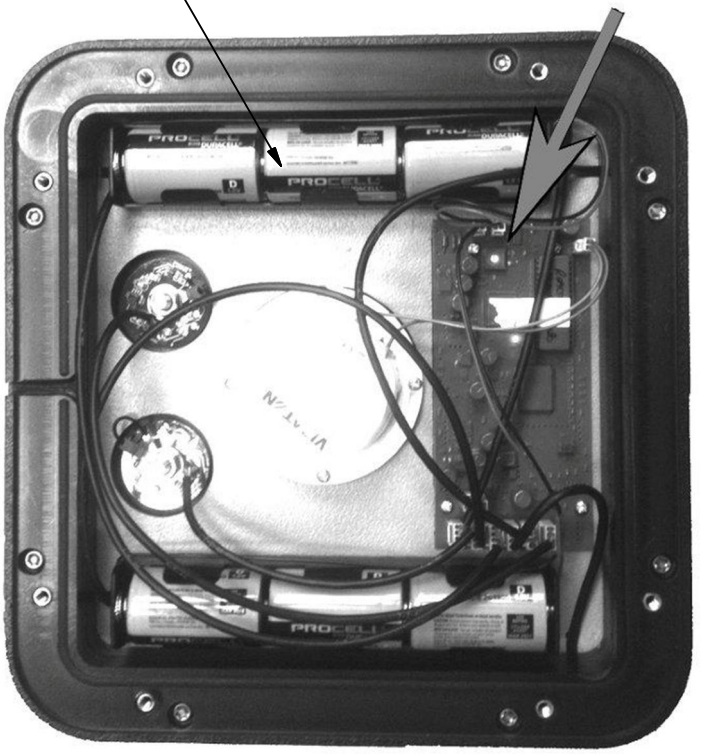
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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



BATTERY REPLACEMENT:
(6) D-CELL BATTERIES

AADJUST VOLUME HERE



TO REPLACE BATTERIES OR ADJUST VOLUME REMOVE BACK OF BOX WITH TOOL PROVIDED.

PLEASE CONSIDER OUR ENVIRONMENT WHEN DISPOSING OF WASTE BATTERIES. OLD BATTERIES SHOULD BE SENT TO A LICENSED RECYCLING FACILITY FOR PROPER PROCESSING.

PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 11/18/2020

90868 SPLITTER WITH CRAG

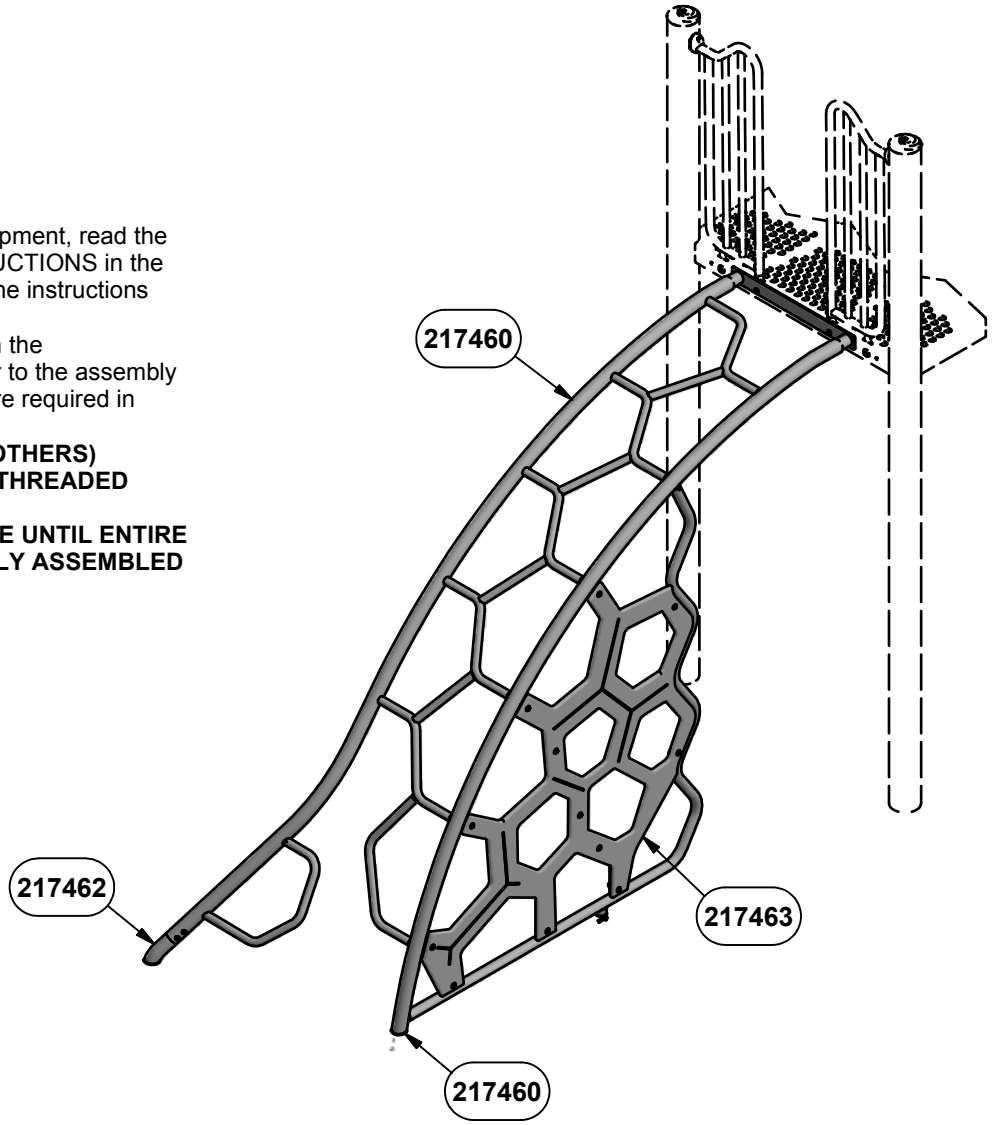
This play equipment is designed for CHILDREN 5 TO 12 YEARS OLD Adult supervision is recommended

Enriching Childhood Through Play.™ www.gametime.com

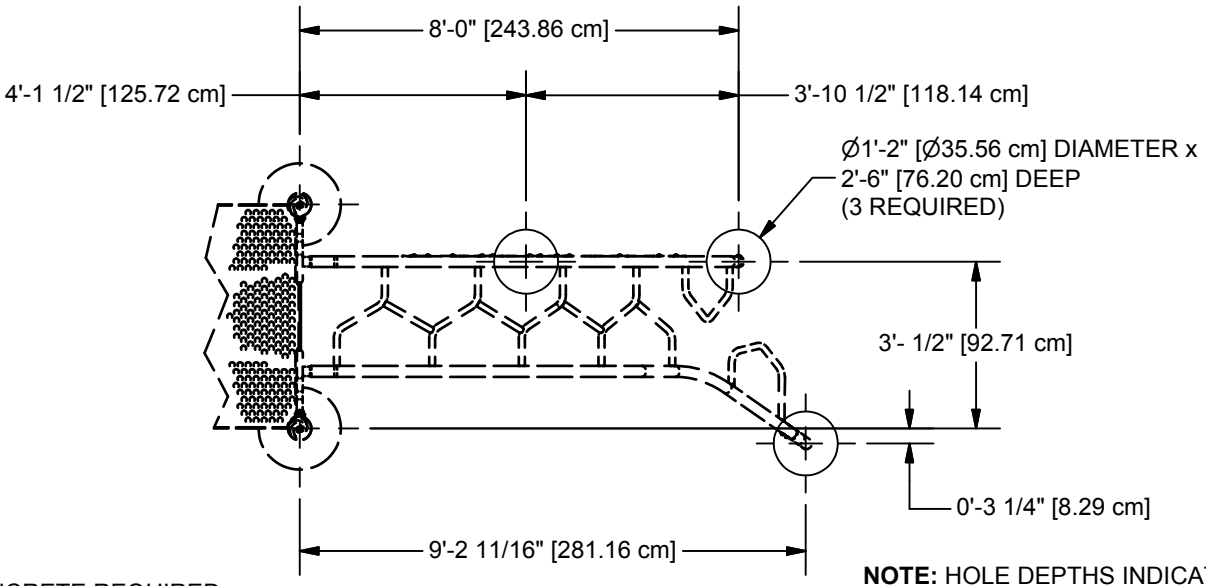
6'-0"	90868
7'-0"	90869
8'-0"	90870

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.



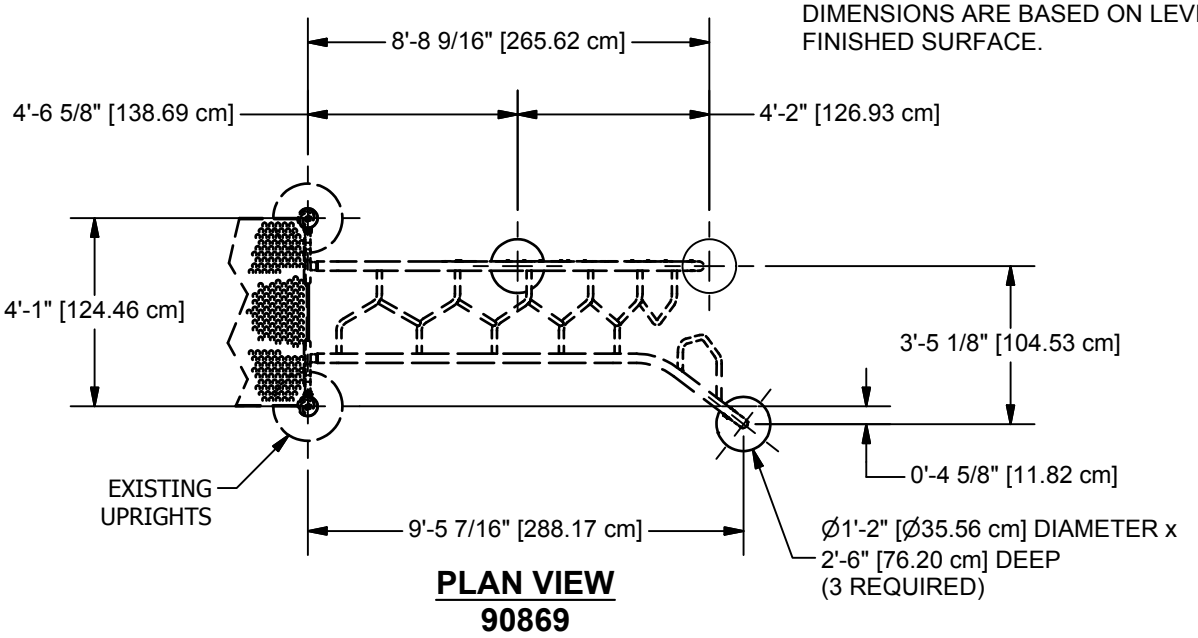
ASSEMBLY VIEW
90869 SHOWN



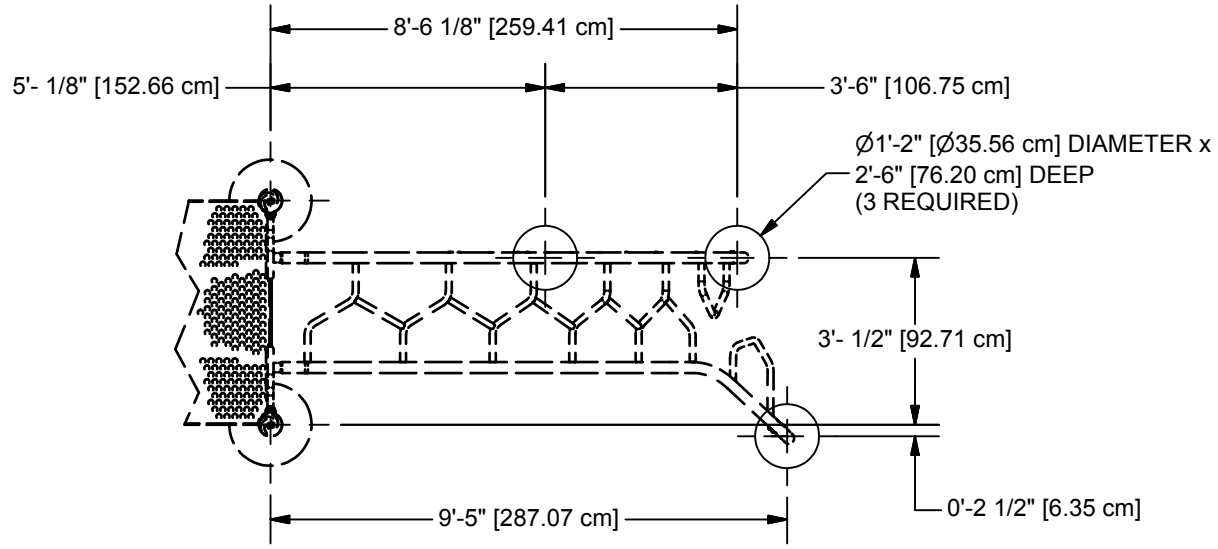
CONCRETE REQUIRED:
.18 CUBIC YARDS
[.14 CUBIC METERS]

PLAN VIEW
90868

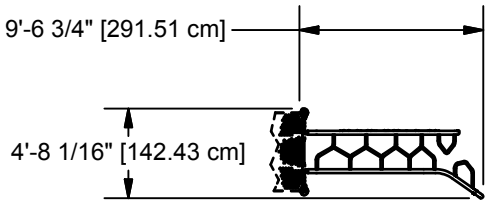
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



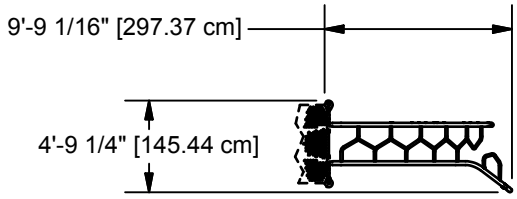
PLAN VIEW
90869



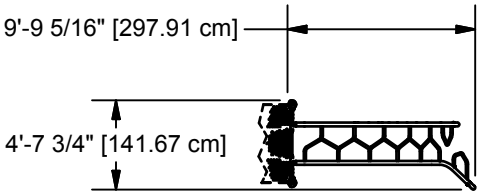
PLAN VIEW
90870



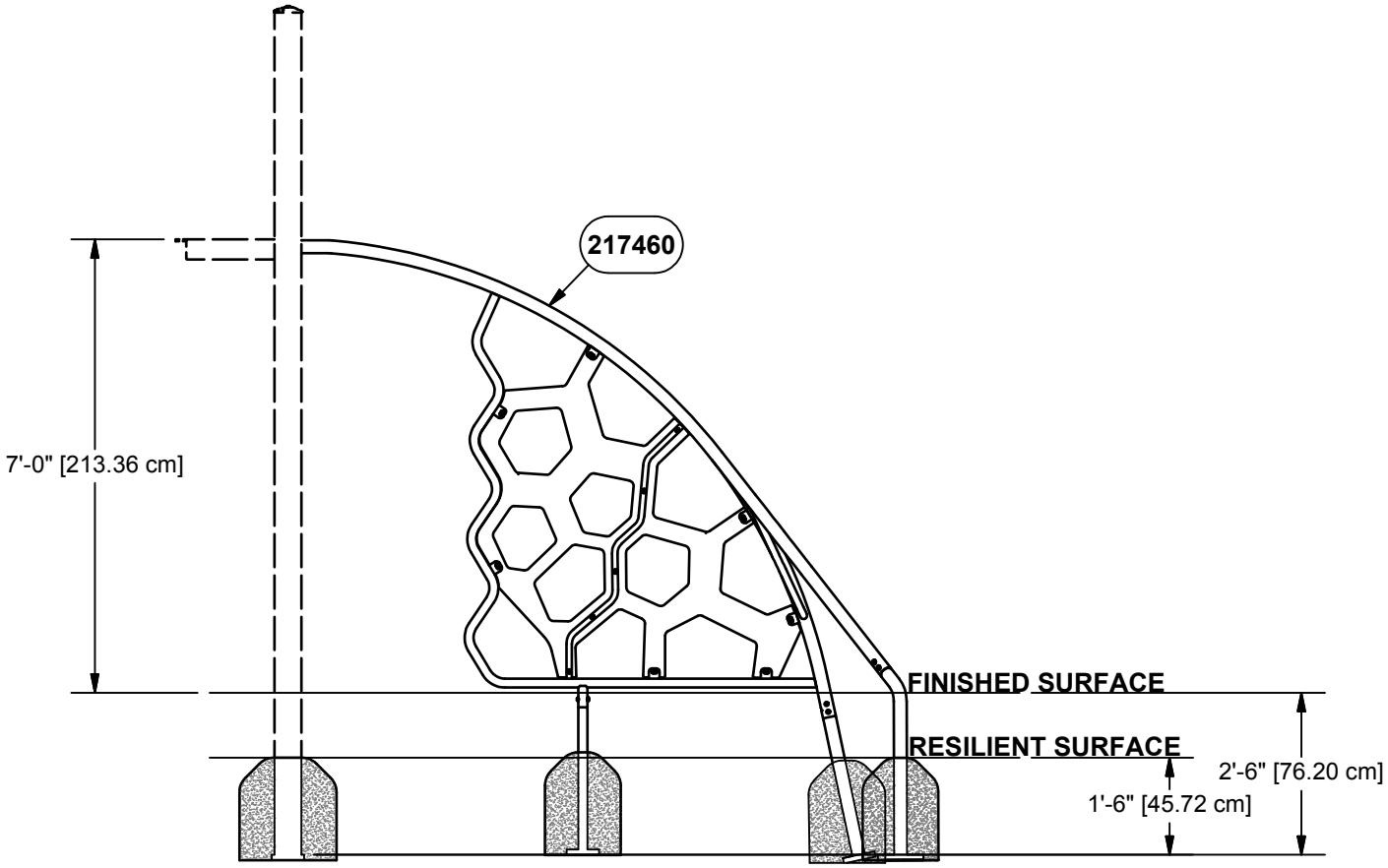
TOP VIEW
90868 SHOWN



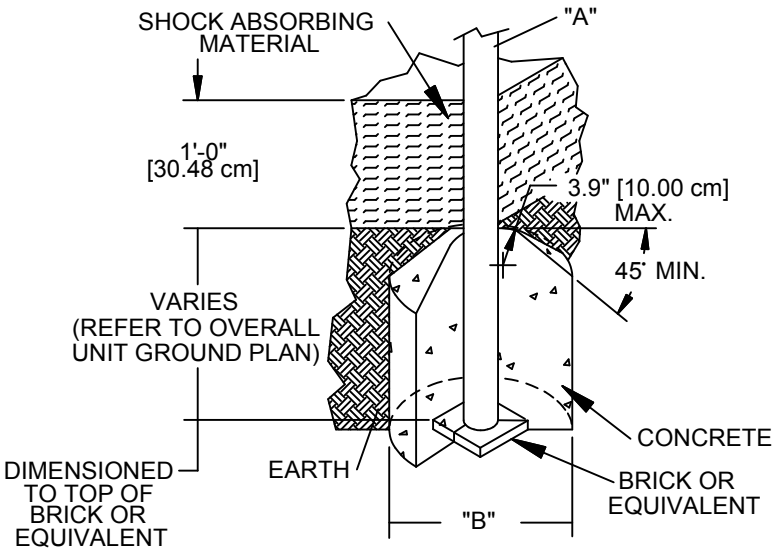
TOP VIEW
90869 SHOWN



TOP VIEW
90870 SHOWN



ELEVATION VIEW
90869 SHOWN
OTHERS SIMILAR

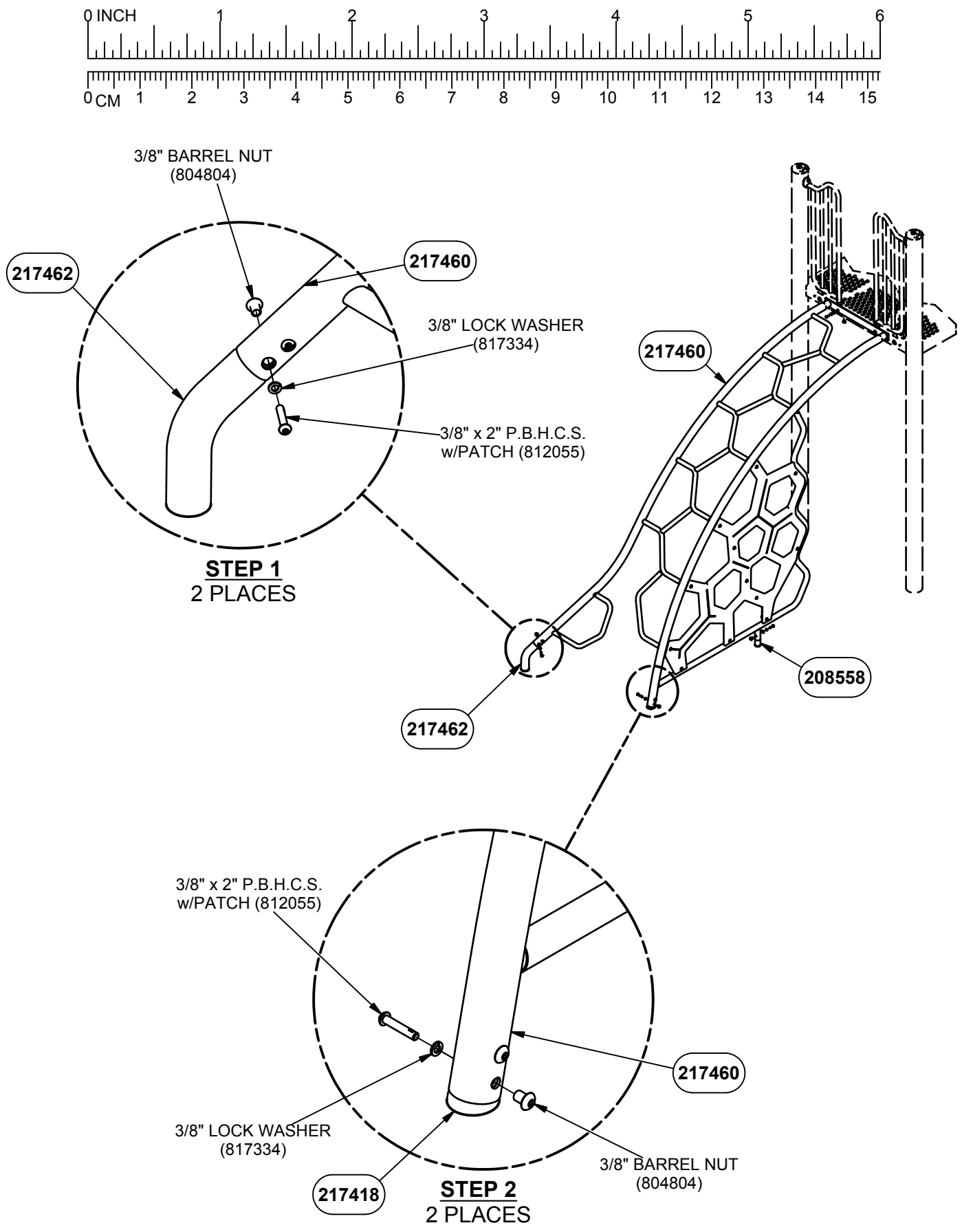


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS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

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

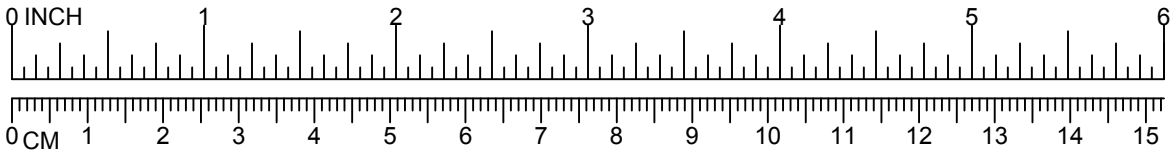
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

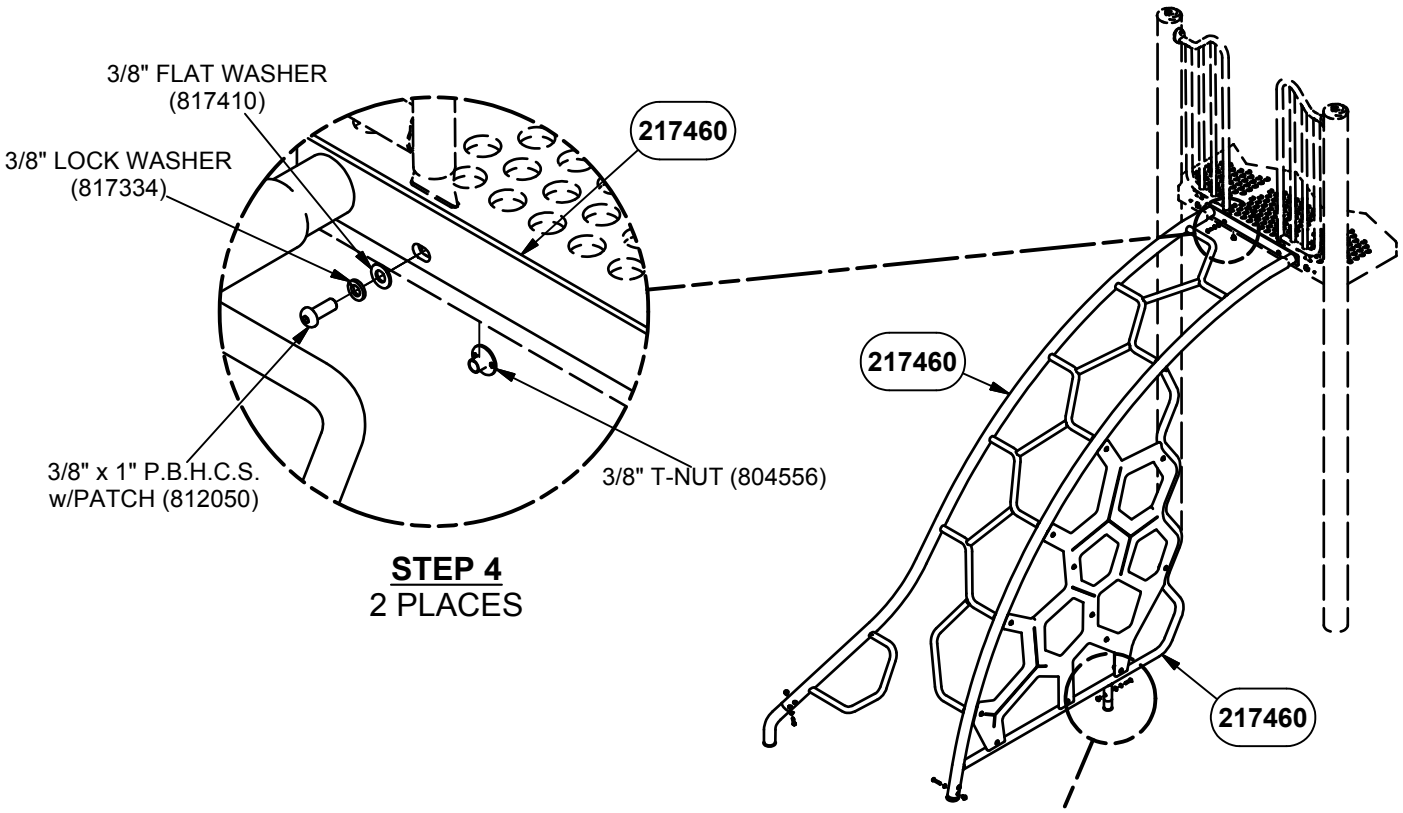
FOOTING DETAIL



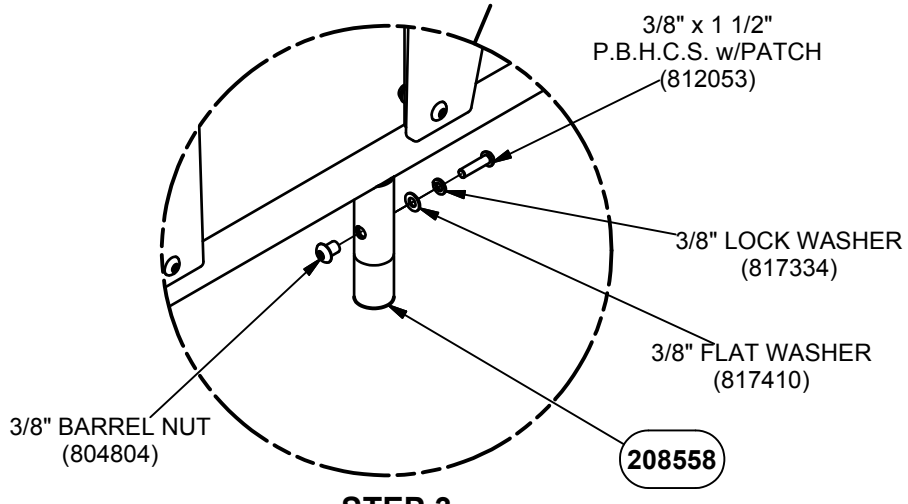
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW





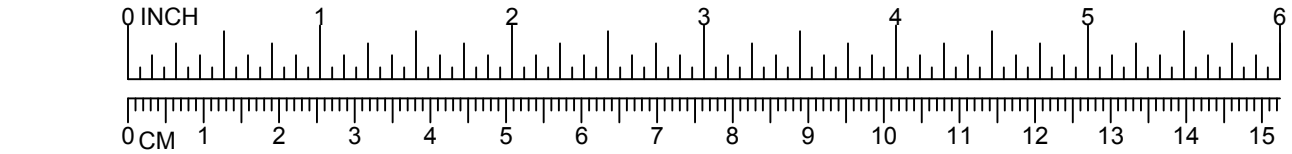
STEP 4
2 PLACES

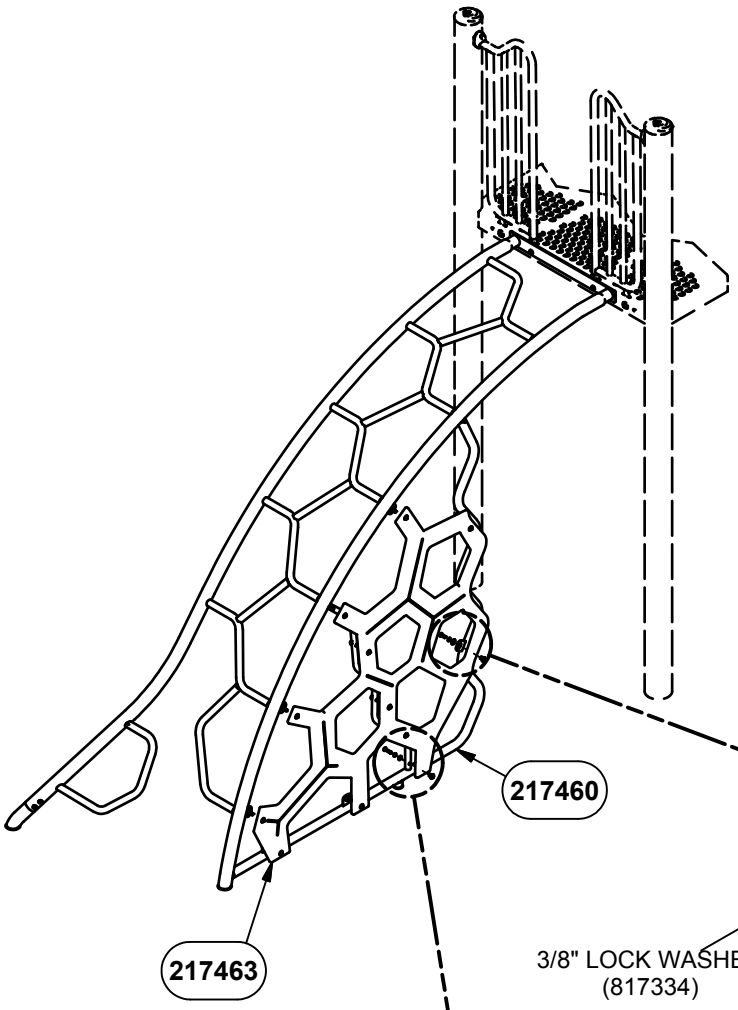


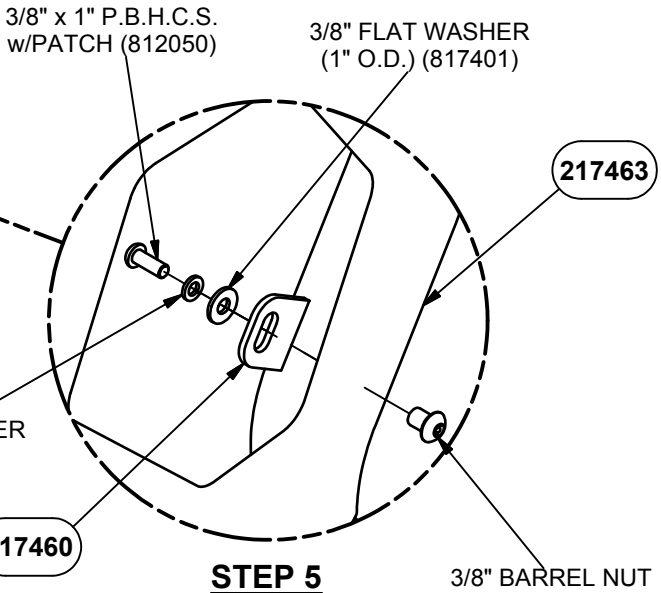
STEP 3

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

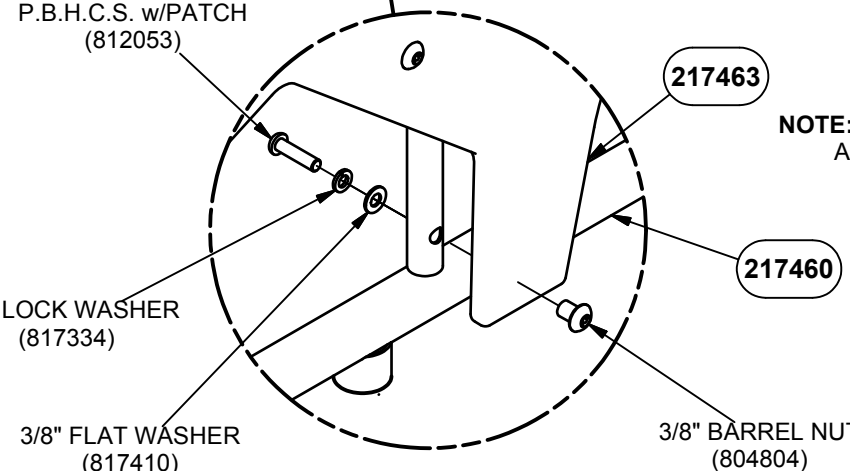
DETAIL VIEW







STEP 5
7 PLACES



STEP 4
5 PLACES

NOTE: USE WELD ASSEMBLY (217460) HOLES AS TEMPLATE TO FIELD DRILL 9/16" HOLES IN HDPE PANELS

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

DETAIL VIEW

Parts List				
DESCRIPTION	90868	90869	90870	PART NUMBER
SPLITTER WELD ASSEMBLY	1	0	0	217408
SPLITTER WELD ASSEMBLY	0	1	0	217460
SPLITTER WELD ASSEMBLY	0	0	1	217469
SWAGED FORMED PIPE	1	0	0	217416
SWAGED FORMED PIPE	0	1	0	217462
SWAGED FORMED PIPE	0	0	1	217471
SWAGED PIPE	1	1	1	217418
SWAGED PIPE	1	1	1	208558
SPLITTER STRETCHED HEX HDPE	1	0	0	208518
SPLITTER STRETCHED HEX HDPE	0	1	0	217463
SPLITTER STRETCHED HEX HDPE	0	0	1	217472
HARDWARE COMPLETE	1	0	0	217473
HARDWARE COMPLETE	0	1	0	217474
HARDWARE COMPLETE	0	0	1	217475
3/8" x 1" P.B.H.C.S. w/PATCH	10	9	10	812050*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	5	6	6	812053*
3/8" x 2" P.B.H.C.S. w/PATCH	4	4	4	812055*
3/8" FLAT WASHER (1" O.D.)	8	7	8	817401*
3/8" LOCK WASHER	19	19	20	817334*
3/8" FLAT WASHER	7	8	8	817410*
3/8" BARREL NUT	17	17	18	804804*
3/8" T-NUT	2	2	2	804556*

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

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

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

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

PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 10/04/13

91010 ARCHWAY W/SOCKET 3D

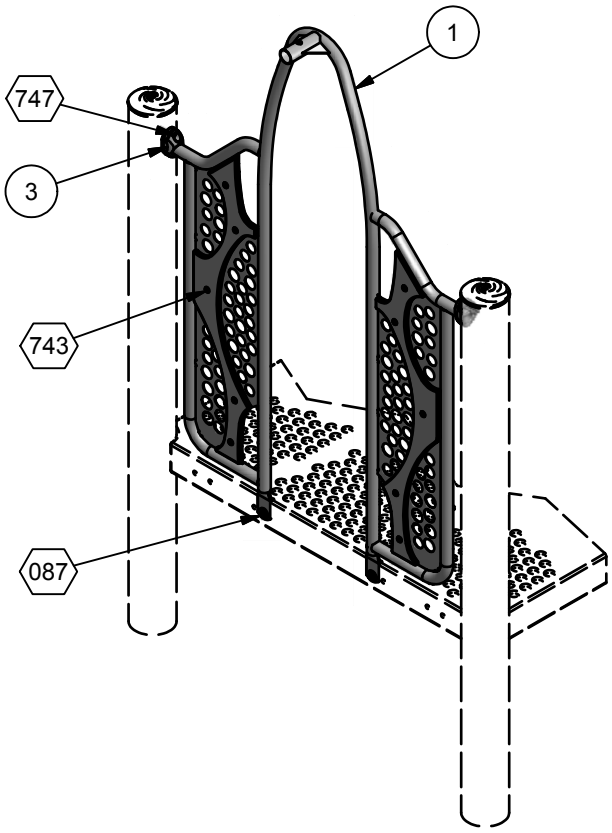
⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

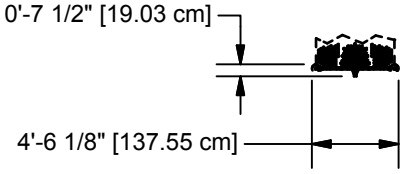


INSTALLATION INSTRUCTIONS

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



ASSEMBLY VIEW



TOP VIEW

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	ARCHWAY w/SOCKET 3D	1	206345
2	TRIM	2	207401
3	TRU-LOC	2	Z03650
	HARDWARE COMPLETE	1	205367
	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	2	812055*
	3/8" LOCKWASHER	4	817334*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
	3/8" T-NUT	2	804556*
	ALUM. PIN	2	203568*
	1/4" FLAT WASHER (5/8" O.D.)	10	817408*
	1/4" CHERRY-MATE RIVET	10	135499*

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

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

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

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

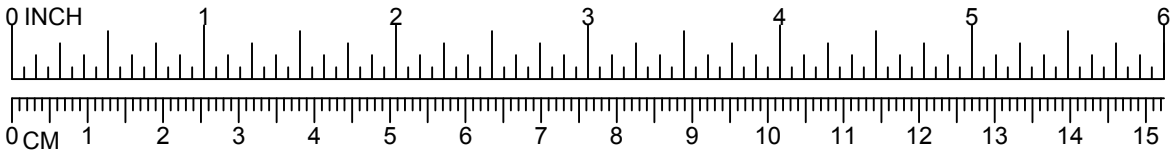
DETAILS -for-
91010

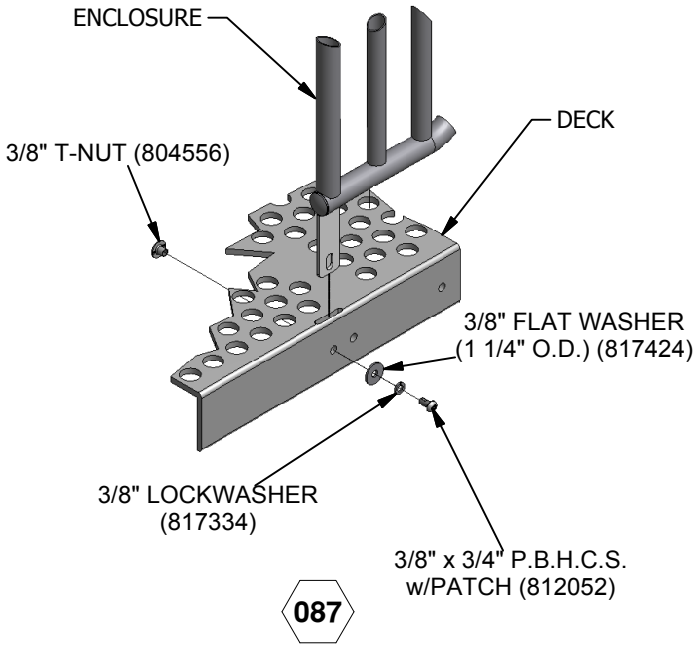
IMPORTANT

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

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

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



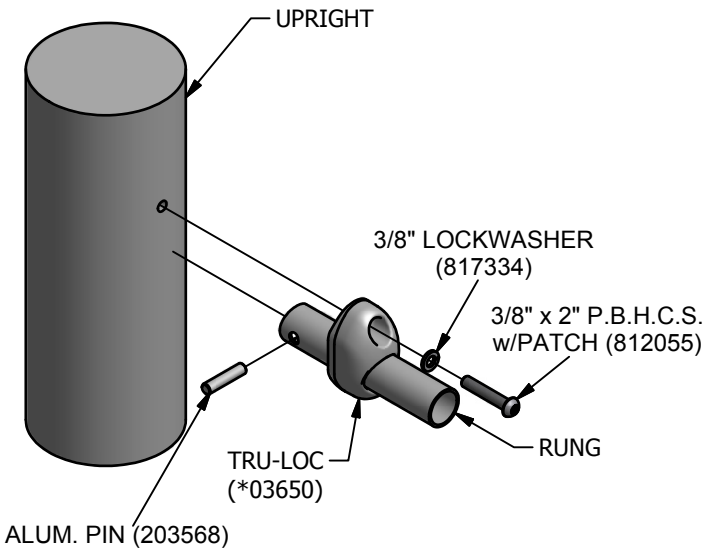


087

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

(* = A OR Z)

747



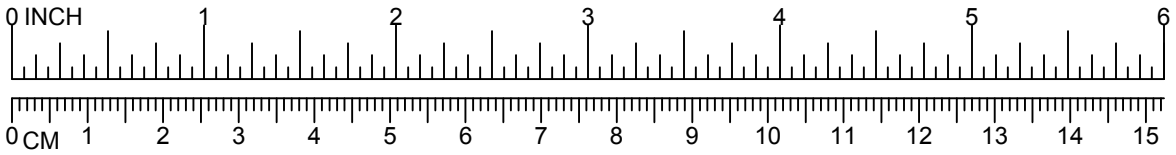
DETAILS -for-
91010

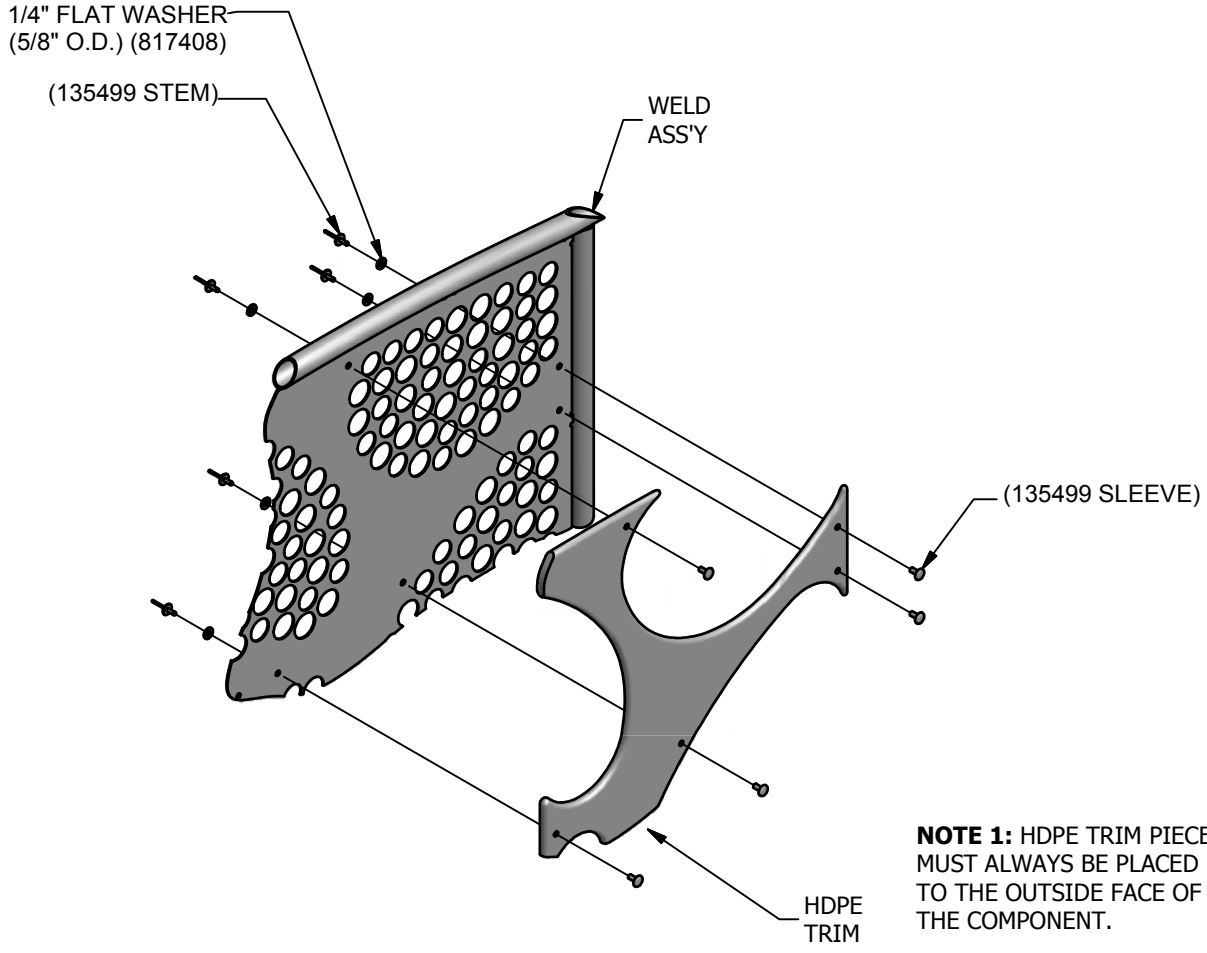
*I*MPORTANT

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.





743

NOTE 1: HDPE TRIM PIECES MUST ALWAYS BE PLACED TO THE OUTSIDE FACE OF THE COMPONENT.

NOTE 2: STEM SIDE OF RIVET MUST ALWAYS BE ON METAL SIDE OF THE COMPONENT. FLUSH SIDE OF RIVET MUST ALWAYS BE ON THE HDPE SIDE OF COMPONENT.

PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 09/23/2021

91030 SHADOW GROVE 3D

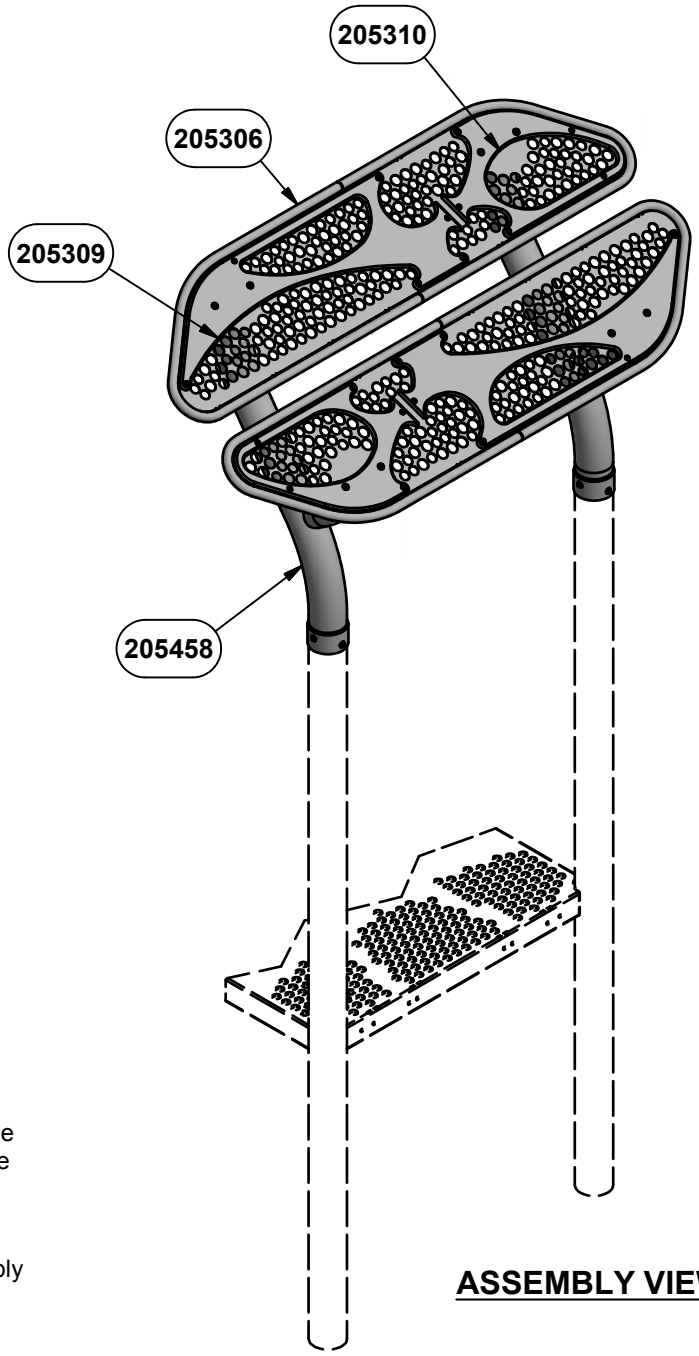


UP TO 5'-0" DECK HEIGHTS



ALL DECK HEIGHTS

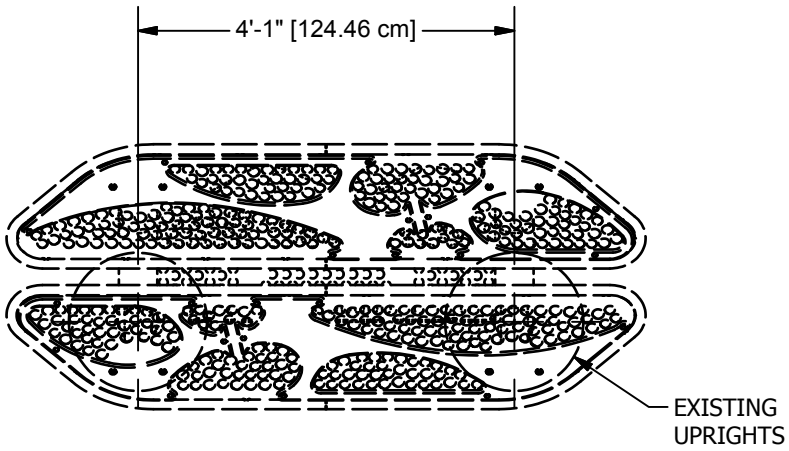
0'-6" THRU 7'-0" 91030
7'-6" THRU 8'-0" 91055



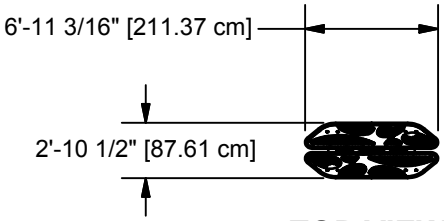
ASSEMBLY VIEW

INSTALLATION INSTRUCTIONS

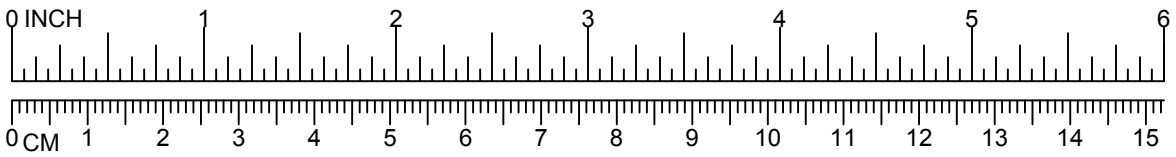
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE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



PLAN VIEW



TOP VIEW



3/8" LOCK WASHER (817334)

3/8" FLAT WASHER (817410)

3/8" x 1" P.B.H.C.S. w/PATCH (812050)

205309 OR **205310**

FRONT

205306

3/8" T-NUT (804556)

BACK

205458

205309 **205310**

205306

205458

STEP 2
8 PLACES

205458

3/8" BARREL NUT (804804)

3/8" BARREL NUT (804804)

3/8" FLAT WASHER (817410)

3/8" LOCK WASHER (817334)

3/8" FLAT WASHER (817410)

3/8" LOCK WASHER (817334)

3/8" x 5" P.B.H.C.S. w/PATCH (812078)

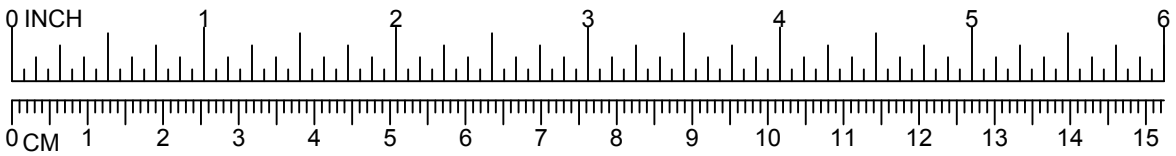
3/8" x 5" P.B.H.C.S. w/PATCH (812078)

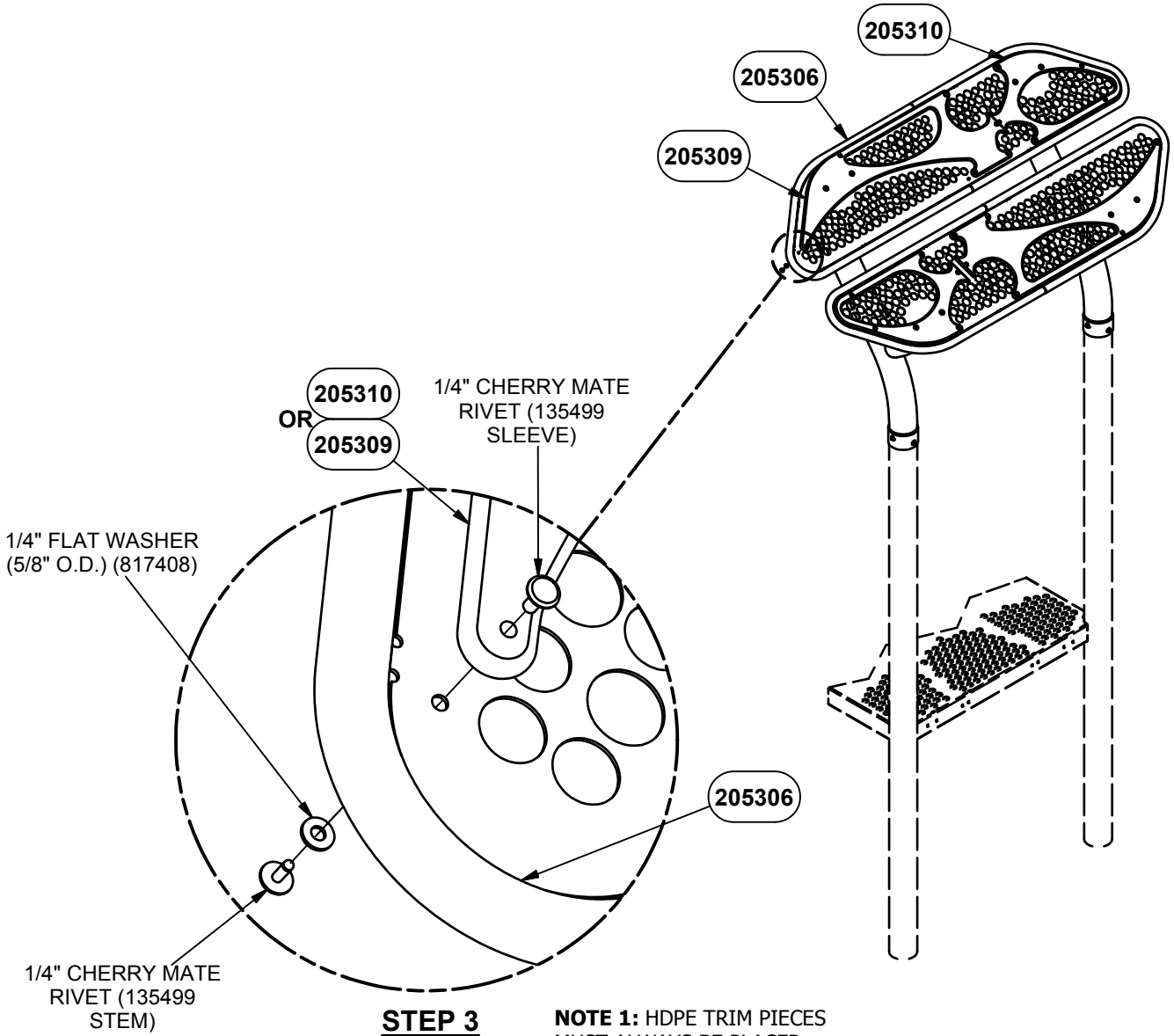
NOTE: LARGE HOLE MUST RECEIVE HEAD OF BOLT.

STEP 1
4 PLACES

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

DETAIL VIEW





STEP 3
22 PLACES

NOTE 1: HDPE TRIM PIECES MUST ALWAYS BE PLACED TO THE OUTSIDE FACE OF THE COMPONENT.

NOTE 2: STEM SIDE OF RIVET MUST ALWAYS BE ON METAL SIDE OF THE COMPONENT. FLUSH SIDE OF RIVET MUST ALWAYS BE ON THE HDPE SIDE OF COMPONENT.

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

DETAIL VIEW

Parts List			
DESCRIPTION	91030	91055	PART NUMBER
SHADOW TREE WELD ASSEMBLY	0	2	205403
SHADOW TREE WELD ASSEMBLY	2	0	205458
FORMED TOP WELD ASSEMBLY	2	2	205306
SHADOW GROVE TRIM SMALL	2	2	205310
SHADOW GROVE TRIM LARGE	2	2	205309
HARDWARE COMPLETE	1	1	205356
1/4" CHERRY MATE RIVET	22	22	135499*
1/4" FLAT WASHER (5/8" O.D.)	22	22	817408*
3/8" x 1" P.B.H.C.S. w/PATCH	8	8	812050*
3/8" x 5" P.B.H.C.S. w/PATCH	4	4	812078*
3/8" FLAT WASHER	12	12	817410*
3/8" LOCK WASHER	12	12	817334*
3/8" BARREL NUT	4	4	804804*
3/8" T-NUT	8	8	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 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.

PowerScape

GameTime

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1-800-235-2440

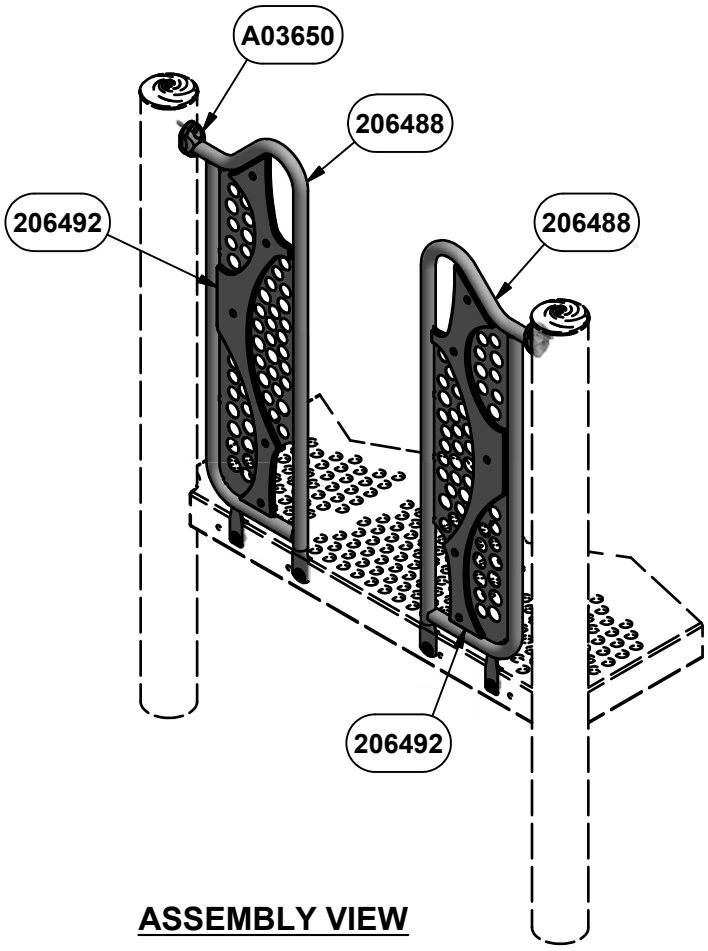
ISSUED/REVISED: 09/14/20

91137
ENTRYWAY
3D

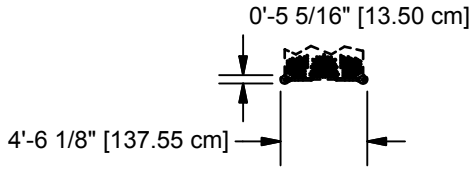


INSTALLATION INSTRUCTIONS

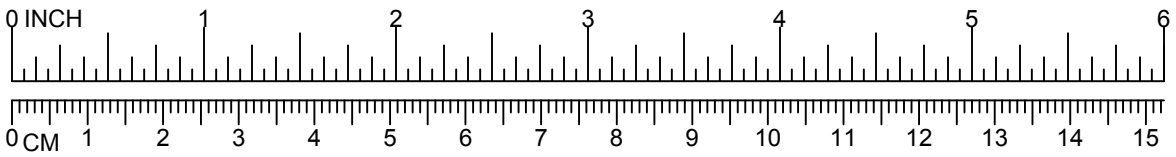
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE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



TOP VIEW



3/8" LOCK WASHER
(817334)

ALUM. PIN
(203568)

A03650

3/8" x 2" P.B.H.C.S.
w/PATCH
(812055)

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

A03650

206488

206488

206488

206492

STEP 2
2 PLACES

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

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

206488

3/8" LOCK WASHER
(817334)

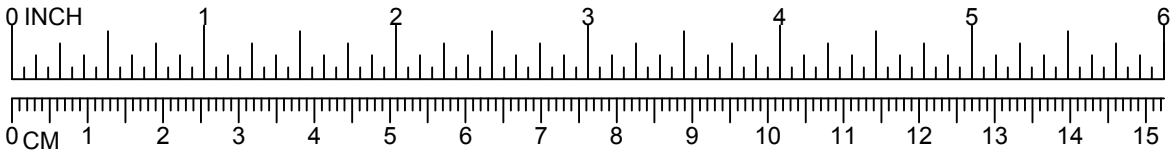
3/8" x 3/4" P.B.H.C.S.
w/PATCH
(812052)

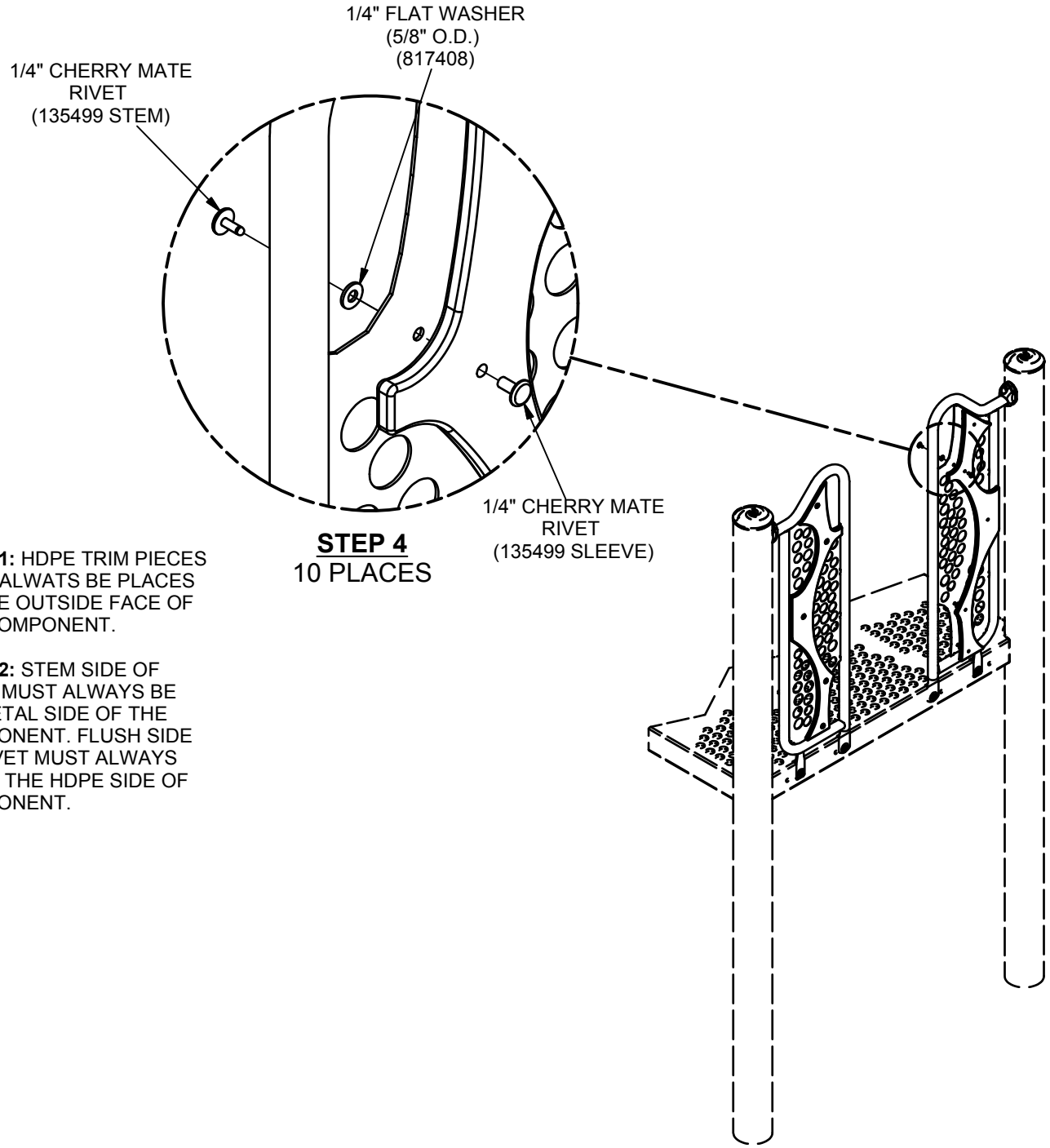
3/8" T-NUT
(804556)

STEP 3
4 PLACES

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

DETAIL VIEW





STEP 4
10 PLACES

NOTE 1: HDPE TRIM PIECES MUST ALWATS BE PLACES TO THE OUTSIDE FACE OF THE COMPONENT.

NOTE 2: STEM SIDE OF RIVET MUST ALWAYS BE ON METAL SIDE OF THE COMPONENT. FLUSH SIDE OF RIVET MUST ALWAYS BE ON THE HDPE SIDE OF COMPONENT.

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

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
3D ENTRYWAY	2	206488
ENTRYWAY TRIM	2	206492
TRU-LOC	2	A03650
HARDWARE COMPLETE	1	206585
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" T-NUT	4	804556*
3/8" LOCK WASHER	6	817334*
3/8" FLAT WASHER (1 1/4" O.D.)	4	817424*
1/4" FLAT WASHER (5/8" O.D.)	10	817408*
1/4" CHERRY MATE RIVET	10	135499*
ALUM. PIN	2	203568*

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

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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:

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- Always check all parts for breakage or wear, and immediately put equipment out of service until any faulty parts found are repaired or replaced.

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PowerScape
GameTime
A PLAYCORE Company
1-800-235-2440
ISSUED/REVISED: 12/21/15

91138
LOW & HIGH POINT ENTRYWAY 3D

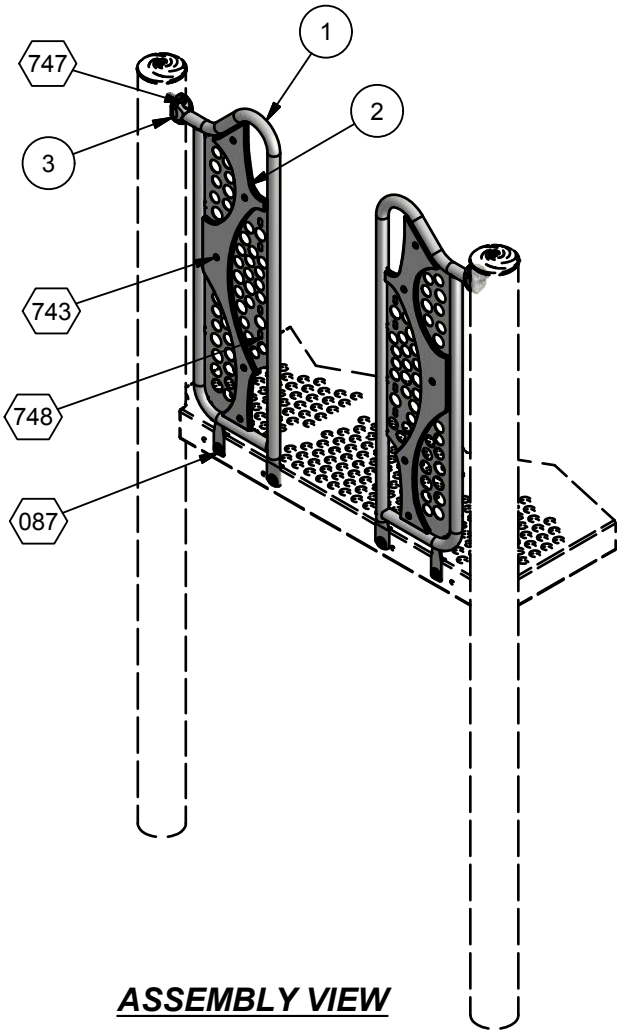
⬡ = INSTALLATION DETAIL

◯ = PARTS LIST REFERENCE

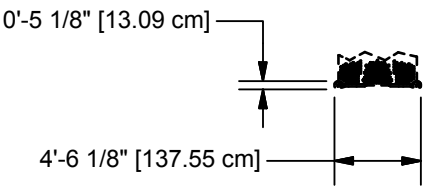


INSTALLATION INSTRUCTIONS

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



ASSEMBLY VIEW



TOP VIEW

Parts List			
REF.	DESCRIPTION	QTY	PART NUMBER
1	3D ENTRYWAY	2	206496
2	ENTRYWAY TRIM	2	206492
3	TRU-LOC	2	A03650
	HARDWARE COMPLETE	1	211325
	3/8" x 3/4" P.B.H.C.S. w/PATCH	8	812052*
	3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
	3/8" LOCKWASHER	6	817334*
	3/8" FLATWASHER	4	817410*
	3/8" FLATWASHER (1 1/4" O.D.)	12	817424*
	3/8" ACORN NUT	4	804002*
	ALUM. PIN	2	203568*
	1/4" CHERRY-MATE RIVET	10	135499*
	1/4" FLAT WASHER (5/8" O.D.)	10	817408*

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** Included in Hardware*

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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.

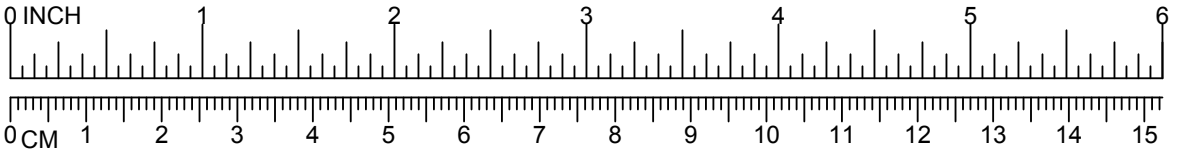
DETAILS -for-
91138

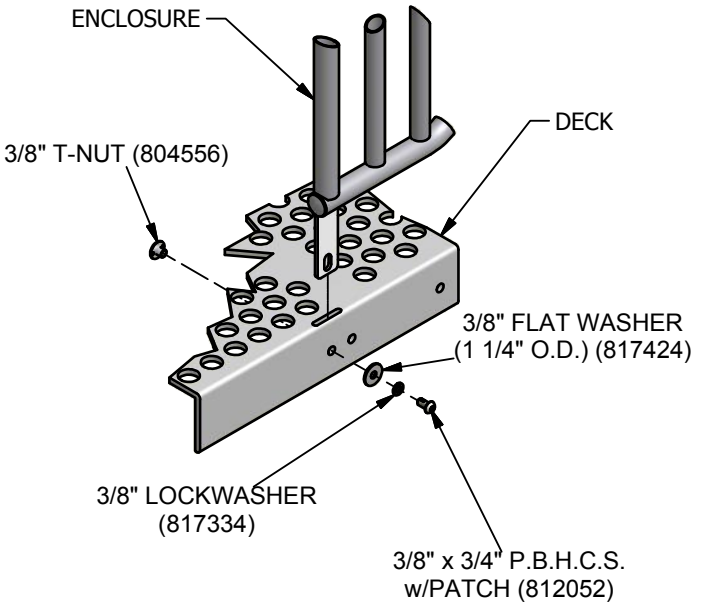
IMPORTANT

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

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

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

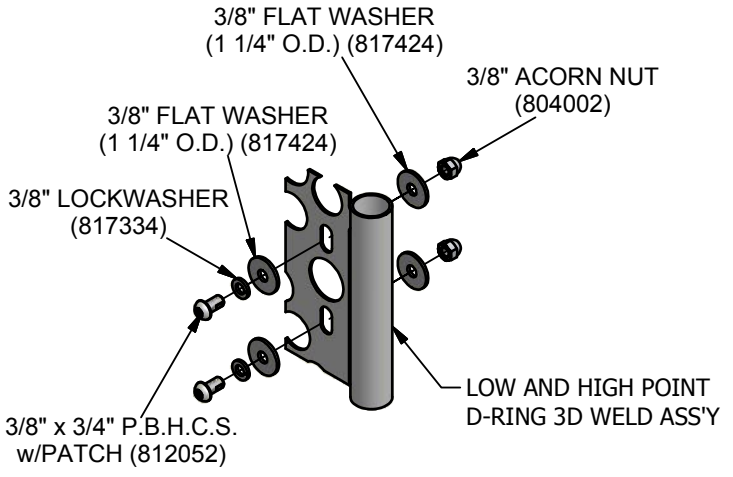




***NOTE:**
BOLT SHOULD BE TORQUED FROM 20-25 FT. LBS. FOR PROPER INSTALLTION.

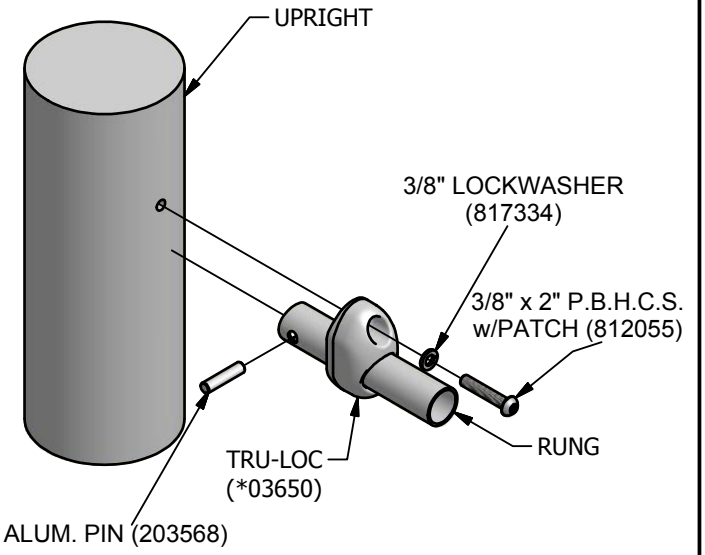
(* = A OR Z)

087



NOTE: PLUG UNUSED SLOTS IN ENTRYWAY.

748



747

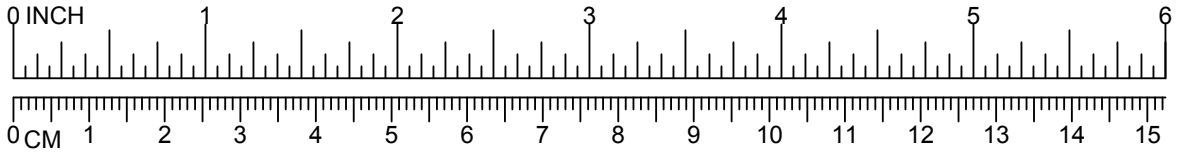
DETAILS -for-
91138

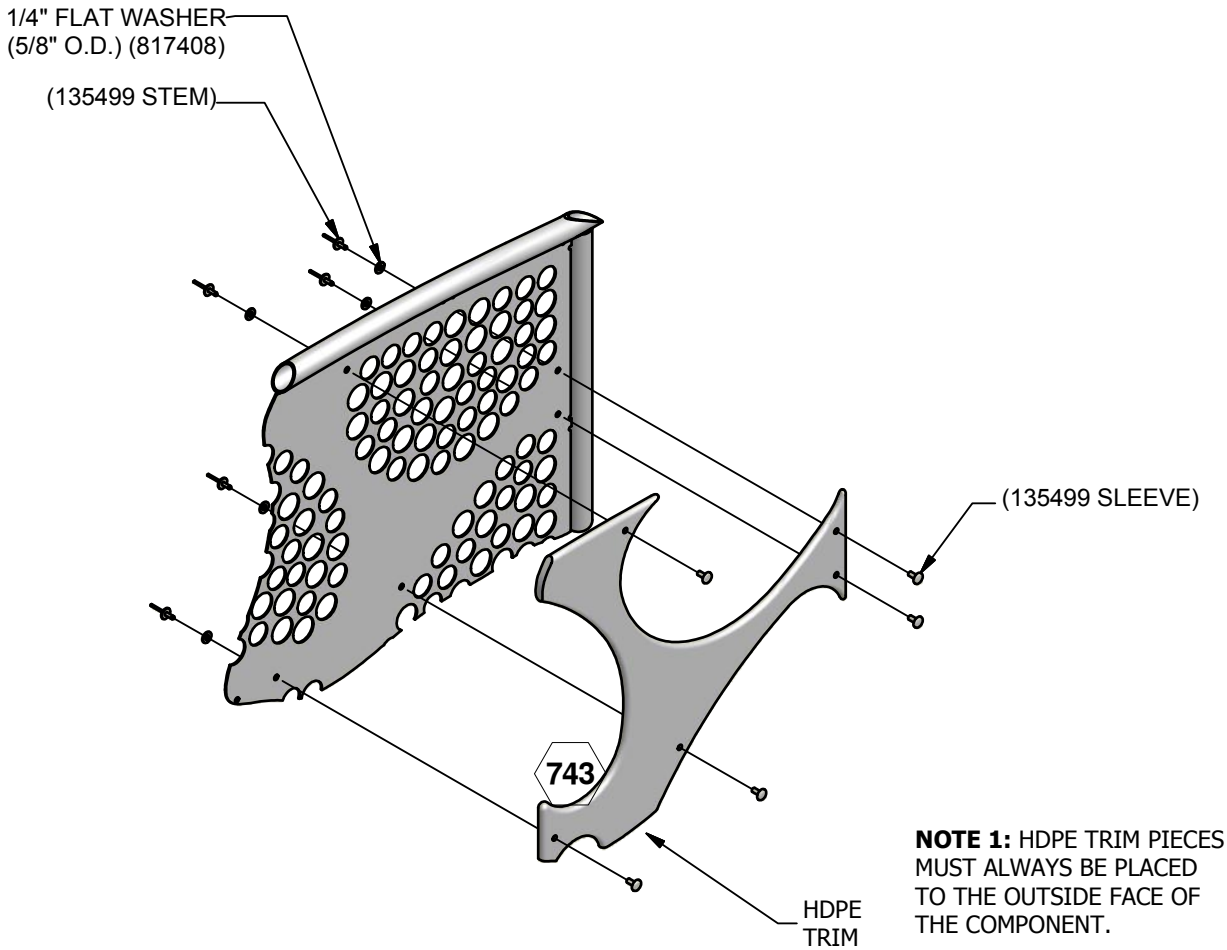
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NOTE 1: HDPE TRIM PIECES MUST ALWAYS BE PLACED TO THE OUTSIDE FACE OF THE COMPONENT.

NOTE 2: STEM SIDE OF RIVET MUST ALWAYS BE ON METAL SIDE OF THE COMPONENT. FLUSH SIDE OF RIVET MUST ALWAYS BE ON THE HDPE SIDE OF COMPONENT.

PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 09/11/20

91139
ENTRYWAY



91146
2'-6"
OR
BELOW

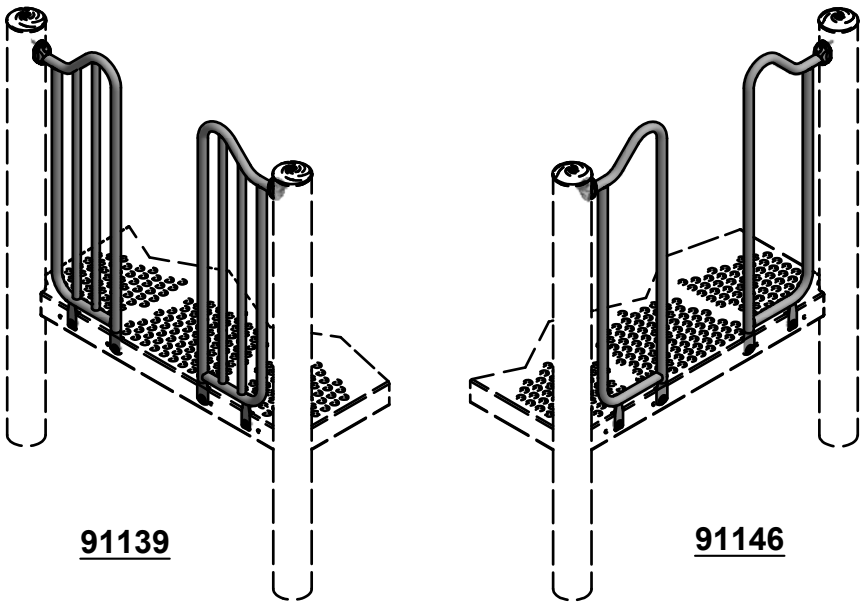


91139



91146
4'-0"
OR
BELOW

BARRIER 91139
GUARDRAIL 91146

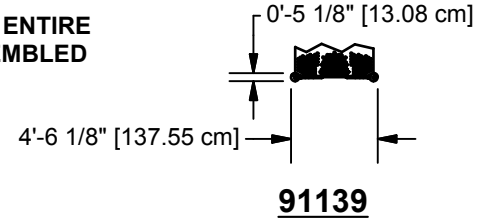


91139 **91146**

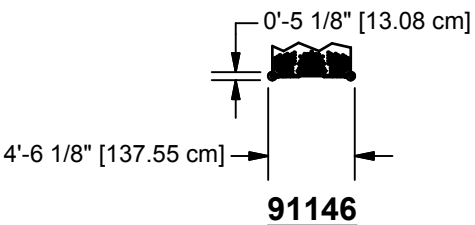
ASSEMBLY VIEWS

INSTALLATION INSTRUCTIONS

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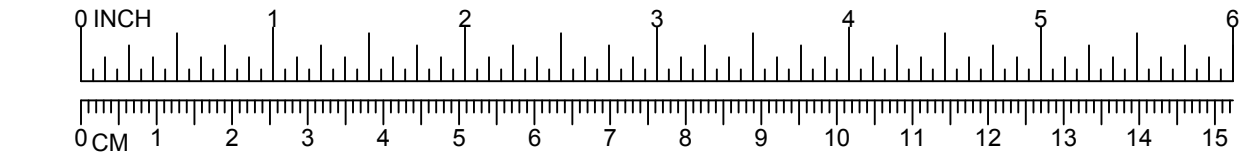


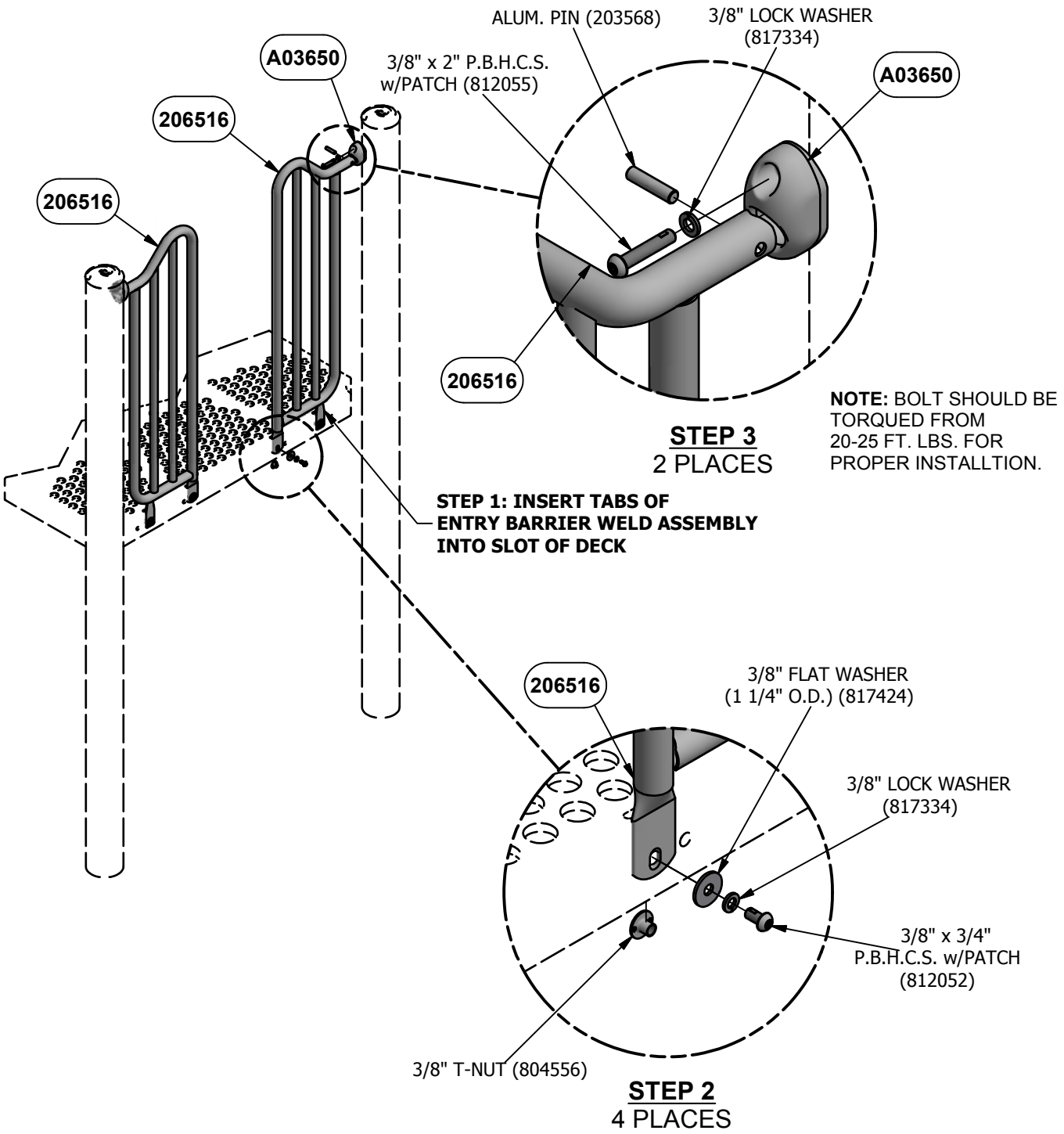
91139



91146

TOP VIEWS





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

DETAIL VIEW

Parts List			
DESCRIPTION	91139	91146	PART NUMBER
ENTRY BARRIER	2	0	206516
GUARDRAIL ENTRY	0	2	206002
TRU-LOC	2	2	A03650
HARDWARE COMPLETE	1	1	206587
ALUM. PIN	2	2	203568*
3/8" FLAT WASHER (1 1/4" O.D.)	4	4	817424*
3/8" LOCK WASHER	6	6	817334*
3/8" x 3/4" P.B.H.C.S. w/PATCH	4	4	812052*
3/8" T-NUT	4	4	804556*
3/8" x 2" P.B.H.C.S. w/PATCH	2	2	812055*

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PowerScape
GameTime
A PLAYCORE Company
1-800-235-2440
ISSUED/REVISED: 10/18/13

91140
HIGH POINT ENTRYWAY

= INSTALLATION DETAIL

= PARTS LIST REFERENCE



91144
2'-6"
OR
BELOW

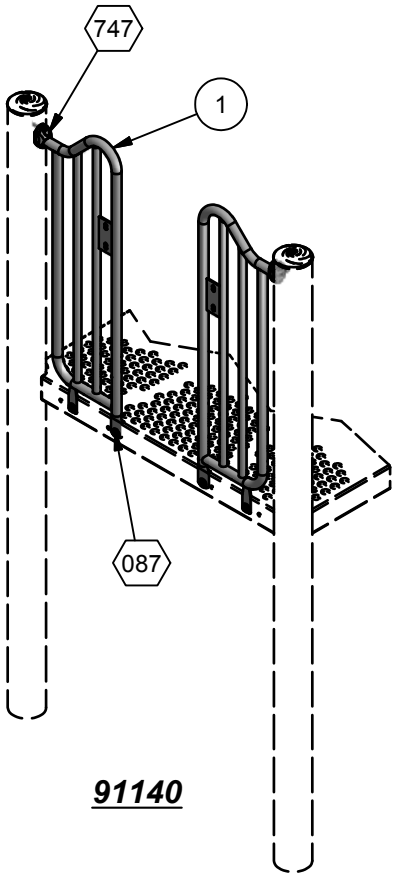


91140

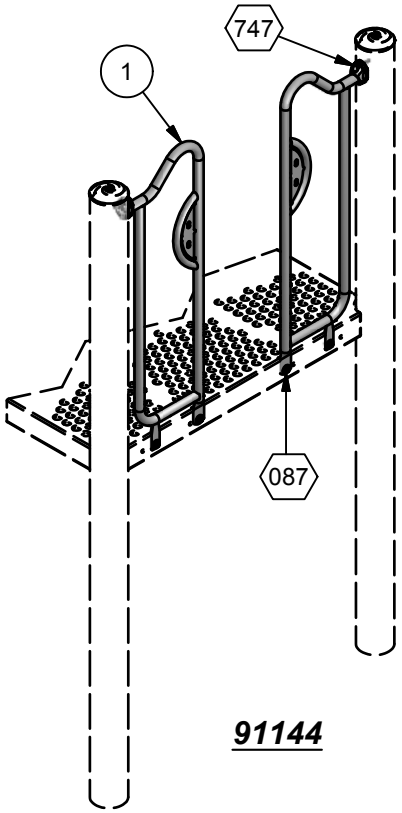


91144
4'-0"
OR
BELOW

BARRIER 91140
GUARDRAIL 91144



91140

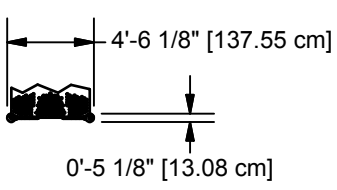


91144

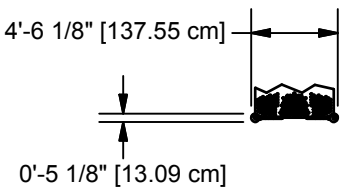
ASSEMBLY VIEWS

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91140



91144

TOP VIEWS

Parts List				
ITEM	DESCRIPTION	91140	91144	PART NUMBER
1	ENTRY BARRIER	2	0	206550
1	ENTRY GUARDRAIL	0	2	206563
	TRU-LOC	2	2	A03650
	HARDWARE COMPLETE	1	1	206587
	ALUM. PIN	2	2	203568*
	3/8" LOCKWASHER	6	6	817334*
	3/8" x 2" P.B.H.C.S. w/PATCH	2	2	812055*
	3/8" x 3/4" P.B.H.C.S. w/PATCH	4	4	812052*
	3/8" FLAT WASHER (1 1/4" O.D.)	4	4	817424*
	3/8" T-NUT	4	4	804556*

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** Included in Hardware*

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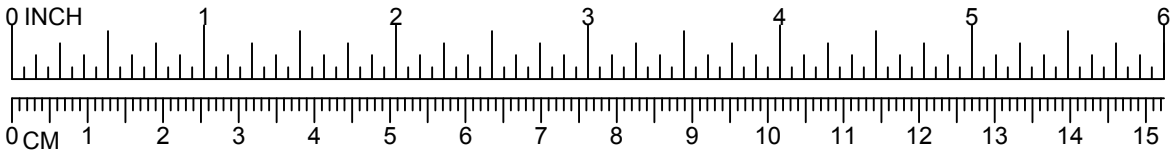
DETAILS -for-
91140 AND 91144

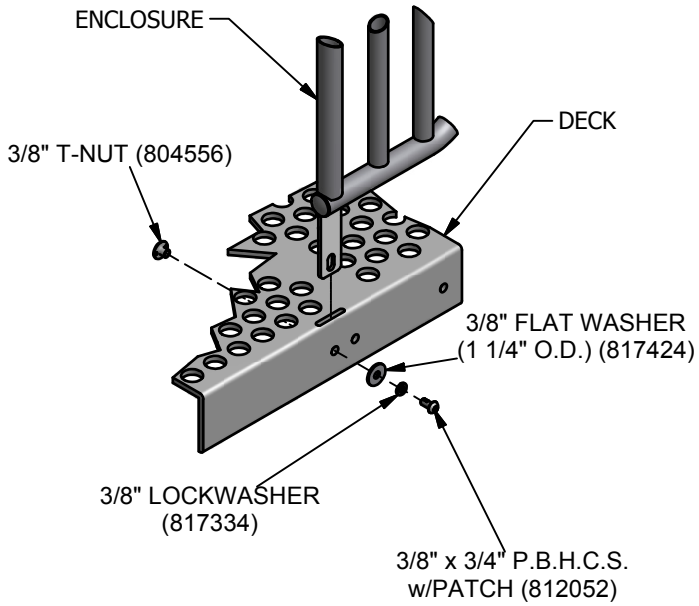
IMPORTANT

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

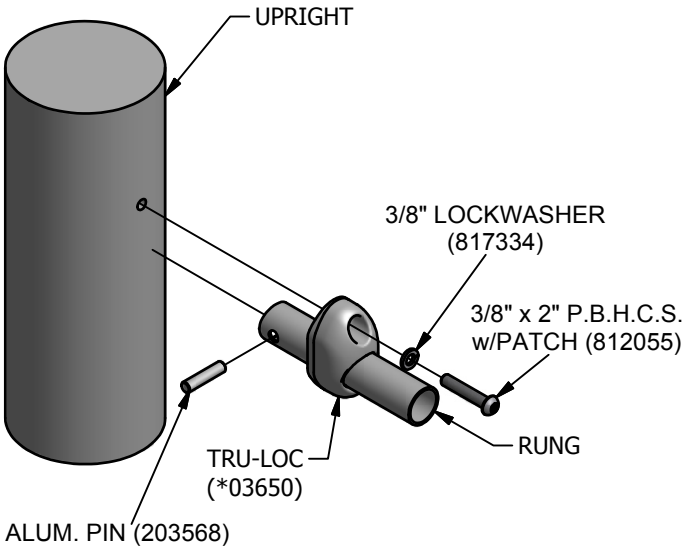




(* = A OR Z)

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

087



PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 8/4/22

91149

ENCLOSURE TIMBERS

= INSTALLATION DETAIL

= PARTS LIST REFERENCE

ABOVE DECK 91149
BELOW DECK 91158



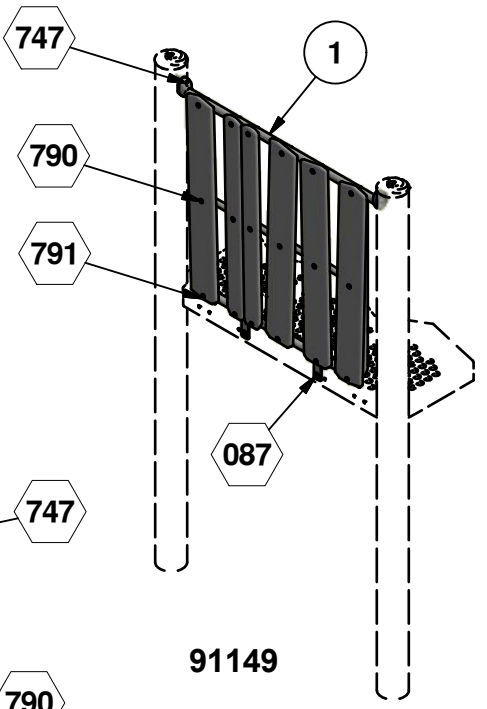
91149
UP TO 5'-0"

91158
4'-0" TO 5'-0"

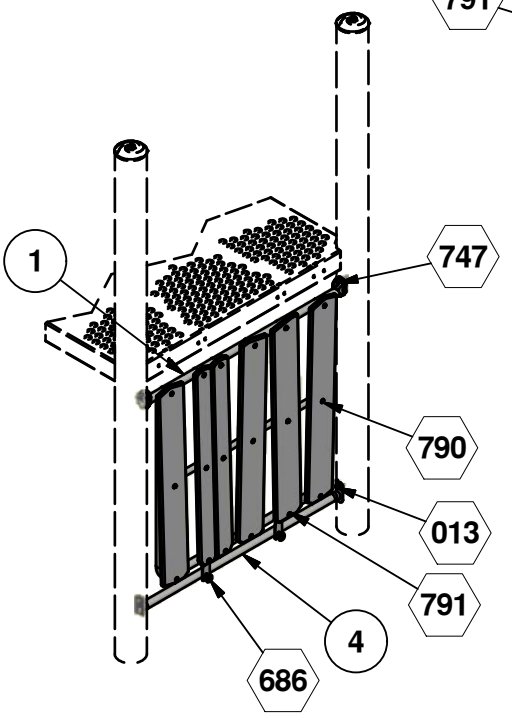


91149
ALL DECKS

91158
5'-6" TO 8'-0"



91149

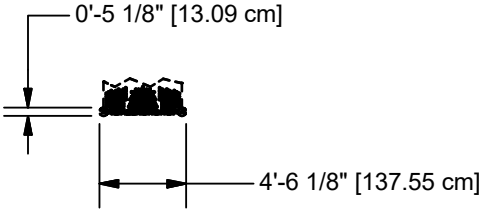


91158

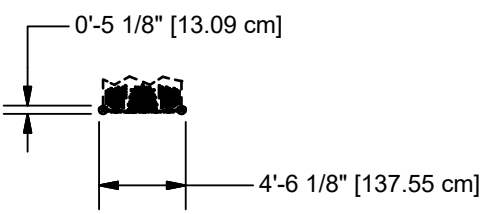
INSTALLATION INSTRUCTIONS

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

ASSEMBLY DRAWINGS

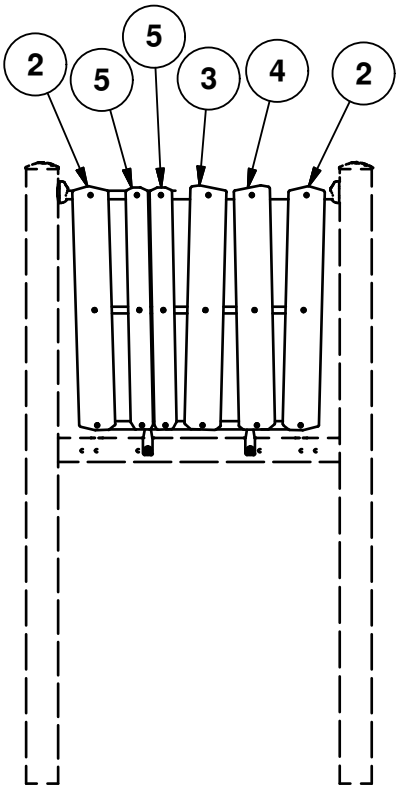


91149



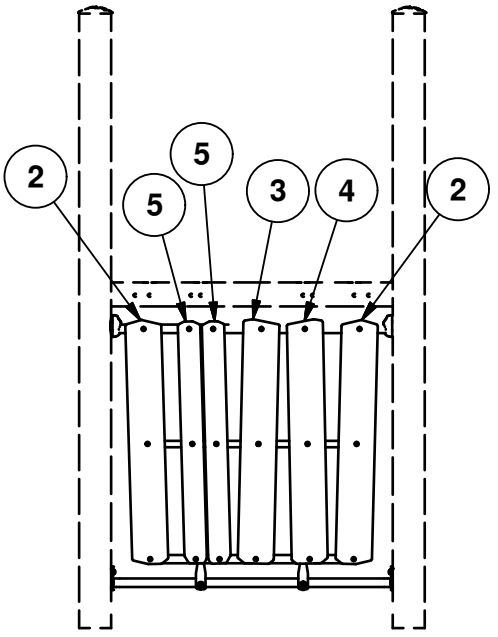
91158

TOP VIEW



TIMBER PACKAGE - 207461		
REF	DESCRIPTION	PART NUMBER
2	TIMBER 14 (TUDOR BROWN)	207222
3	TIMBER 15 (SAND)	207221
4	TIMBER 16 (TUDOR BROWN)	207220
5	TIMBER 17 (GRAY)	207223

TIMBER LOCATION
91149



TIMBER PACKAGE - 207461		
REF	DESCRIPTION	PART NUMBER
2	TIMBER 14 (TUDOR BROWN)	207222
3	TIMBER 15 (SAND)	207221
4	TIMBER 16 (TUDOR BROWN)	207220
5	TIMBER 17 (GRAY)	207223

TIMBER LOCATION
91158

Parts List				
REF.	DESCRIPTION	91149	91158	PART NUMBER
1	TIMBER ENCLOSURE WELD ASS'Y	1	1	206673
	TIMBER PACKAGE	1	1	207461
2	TIMBER 14	2	2	207222**
3	TIMBER 15	1	1	207221**
4	TIMBER 16	1	1	207220**
5	TIMBER 17	2	2	207223**
6	MOUNTING PIPE	0	1	203900
	TRU-LOC	2	2	A03650
	HARDWARE COMPLETE	1	0	222101
	HARDWARE COMPLETE	0	1	222102
	3/8" LOCK WASHER	4	6	817334*
	3/8" x 3/4" P.B.H.C.S. w/PATCH	2	0	812052*
	3/8" x 1 1/4" P.B.H.C.S. w/PATCH	0	2	812051*
	3/8" x 1 1/2" P.B.H.C.S. w/PATCH	0	2	812053*
	3/8" x 2" P.B.H.C.S. w/PATCH	2	2	812055*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	2	817424*
	3/8" T-NUT	2	2	804556*
	ALUM. PIN	2	2	203568*
	5/16" x 2" P.B.H.C.S. w/PATCH	12	12	812046*
	5/16" x 1 3/4" P.B.H.C.S. w/PATCH	6	6	812047*
	NUT 5/16"- INSERT TYPE 1	18	18	HWN0149*

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.

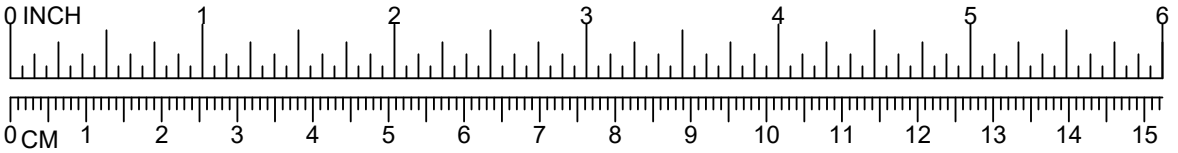
DETAILS -for-
91149 & 91158

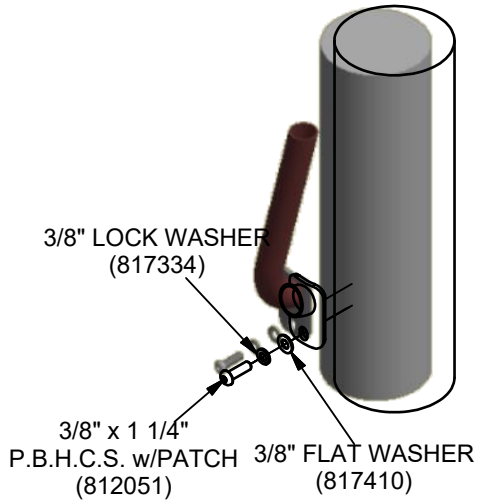
IMPORTANT

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.

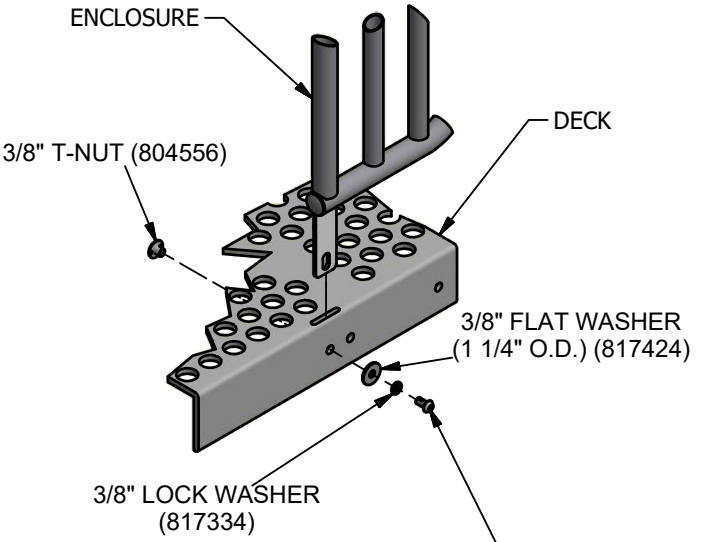
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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

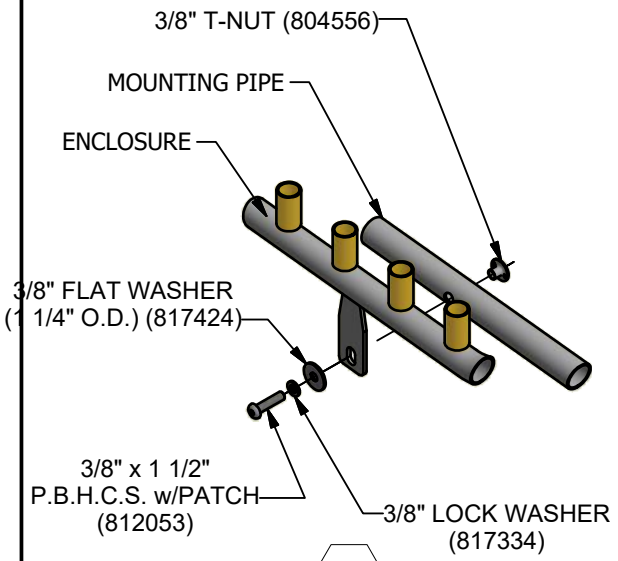




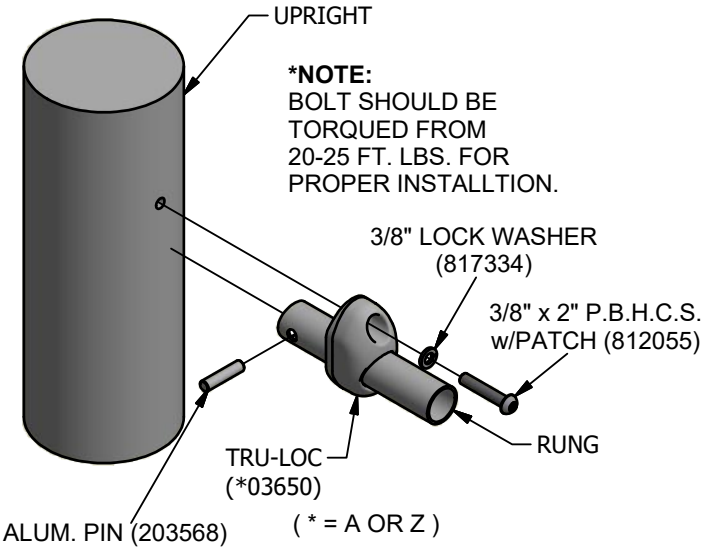
013



087



686



747

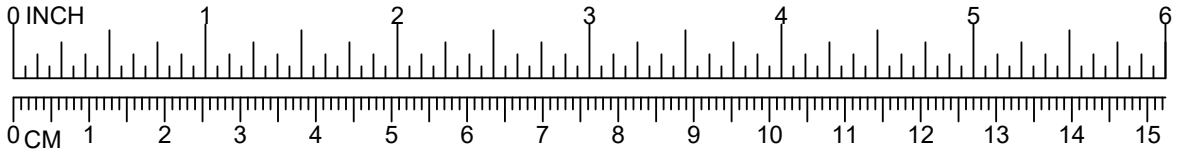
DETAILS -for-
91149 & 91158

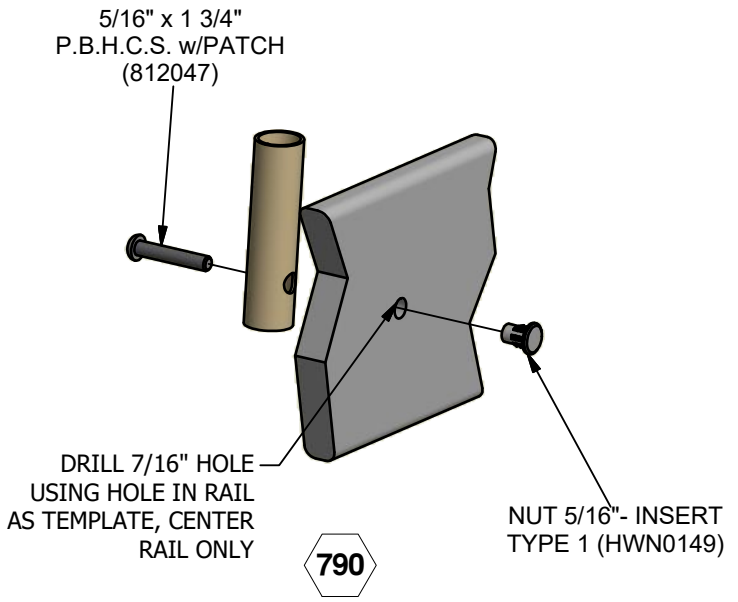
IMPORTANT

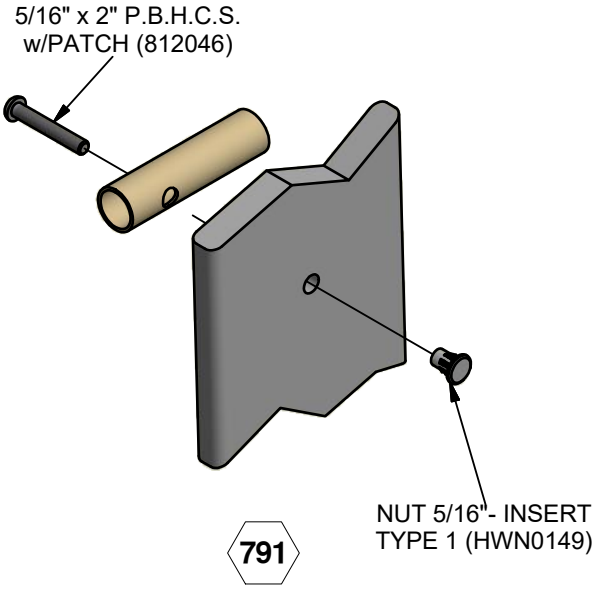
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

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

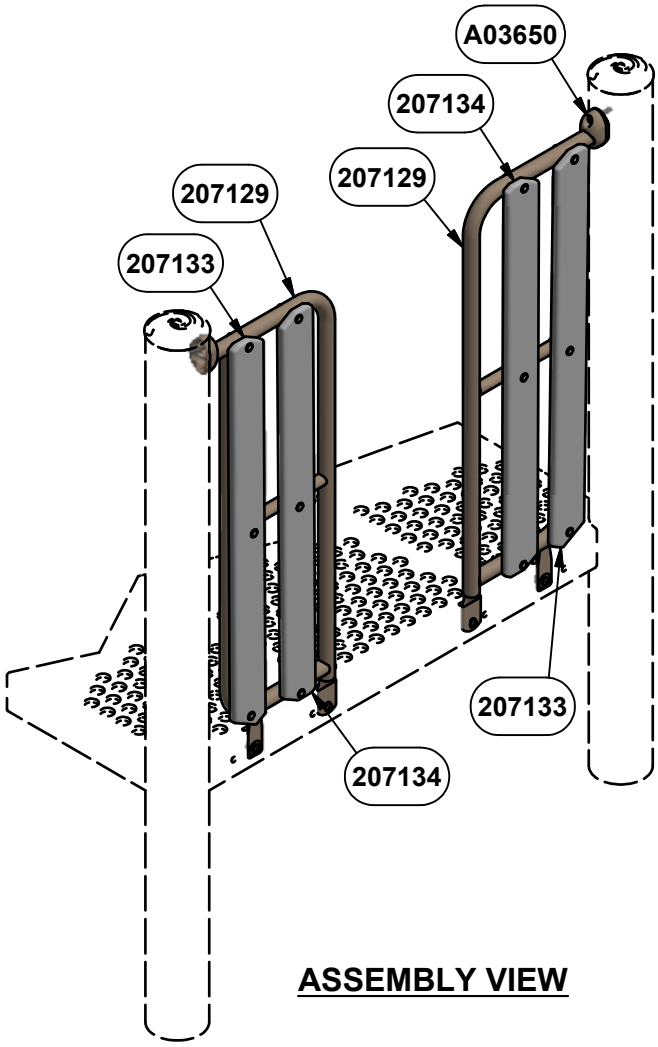
ISSUED/REVISED: 8/4/2022

91150 ENTRYWAY TIMBERS

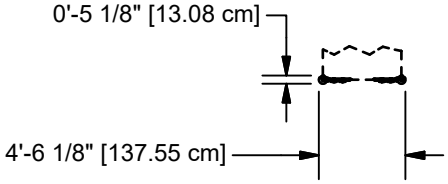


INSTALLATION INSTRUCTIONS

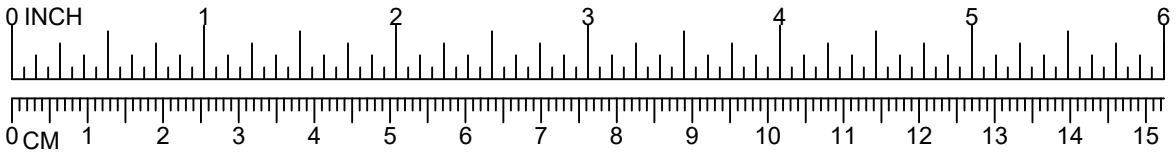
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE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

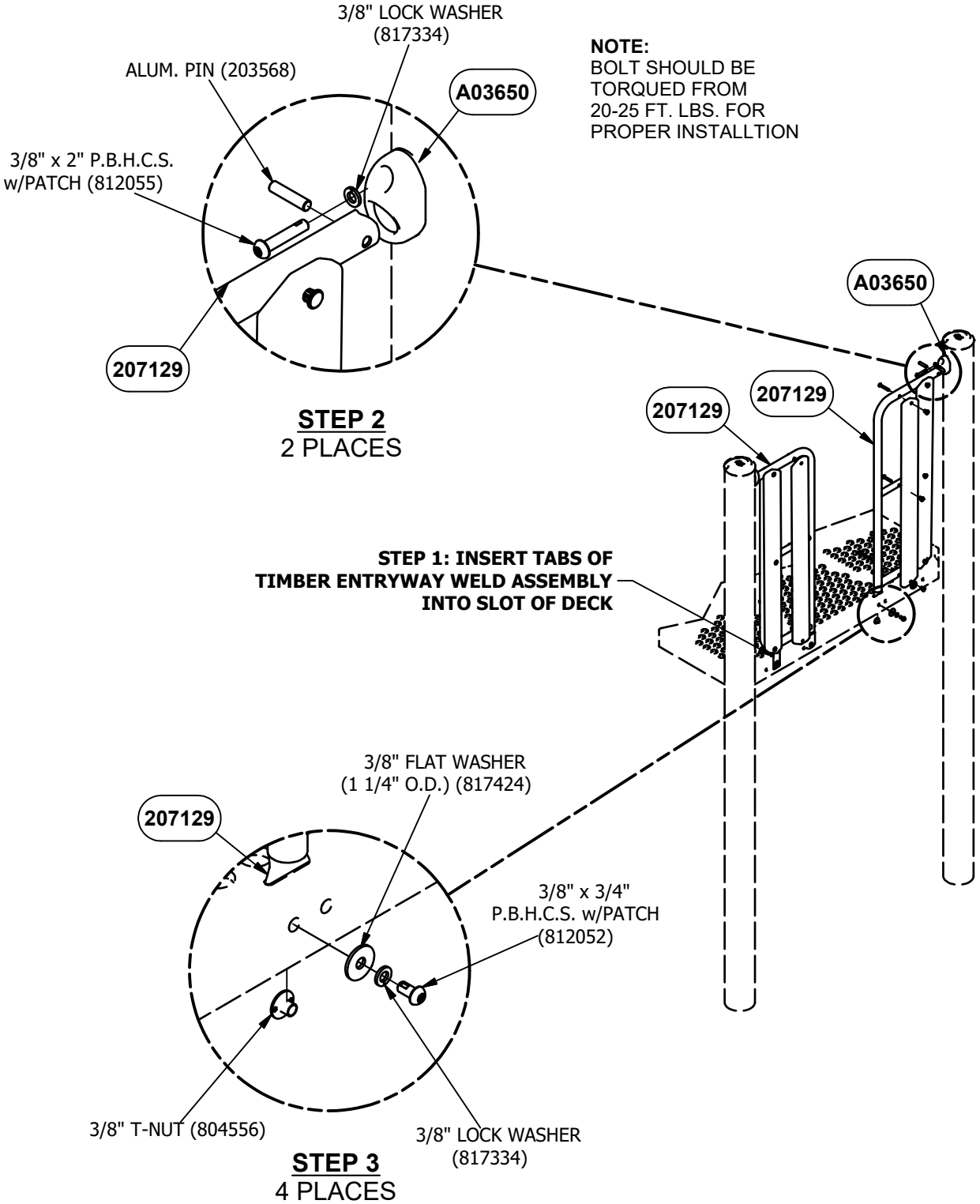


ASSEMBLY VIEW



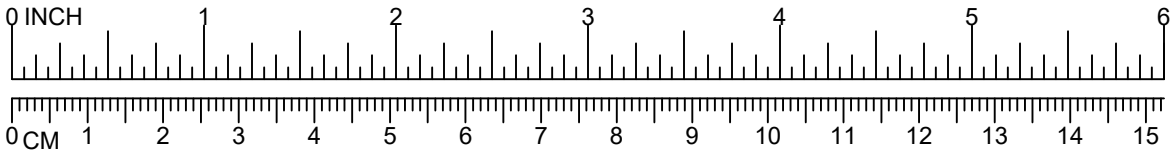
TOP VIEW

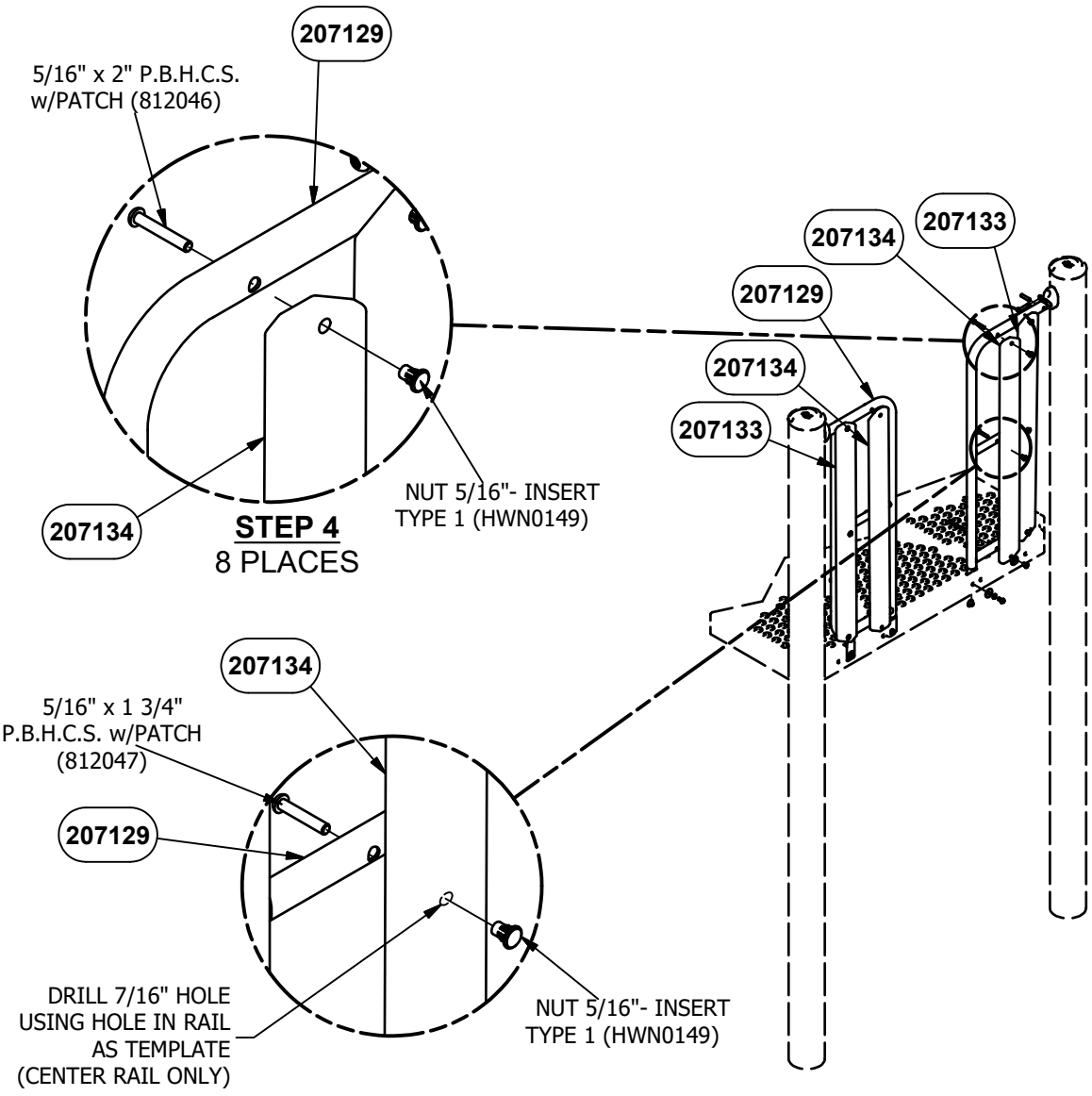




NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW





STEP 4
8 PLACES

STEP 5
4 PLACES

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

DETAIL VIEW

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 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.

PowerScape

GameTime

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1-800-235-2440

ISSUED/REVISED: 11/2/2020

91223 PLANK CLIMBER

3'-0"	91223
4'-0"	91181
5'-0"	91182
6'-0"	91183
7'-0"	91184
8'-0"	91185



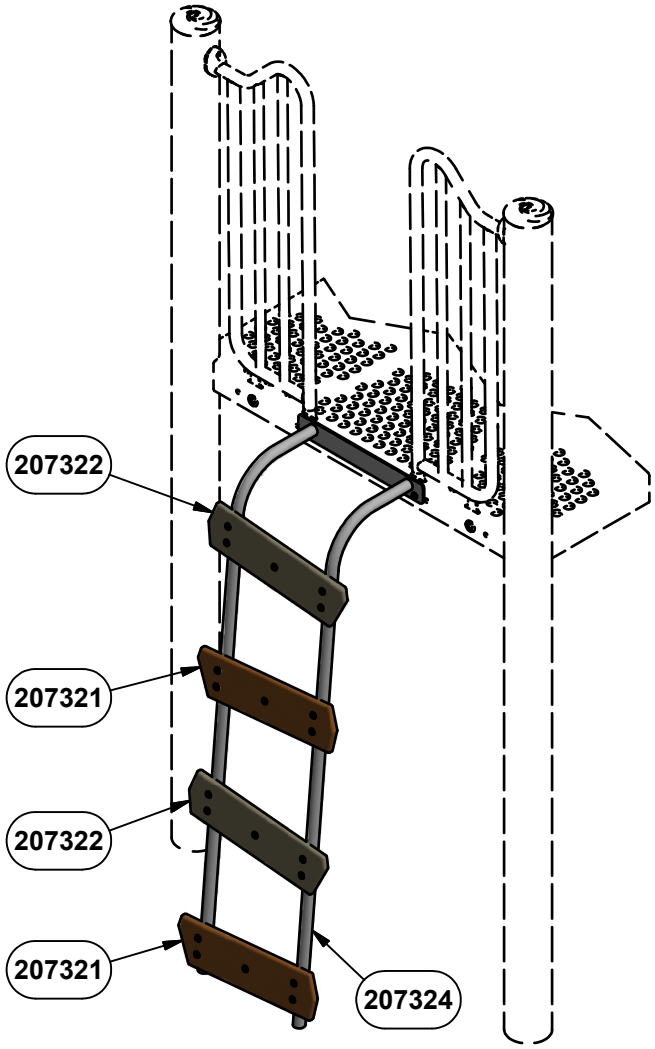
91223 3'-0"
91181 4'-0"



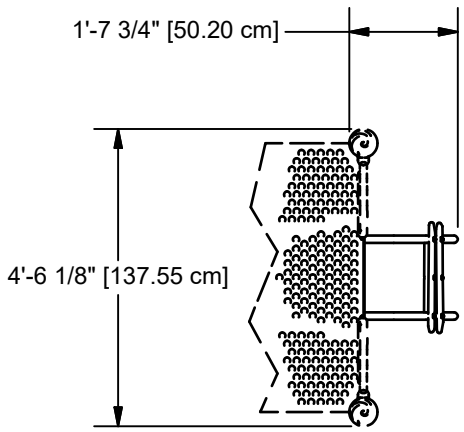
ALL DECK HEIGHTS

INSTALLATION INSTRUCTIONS

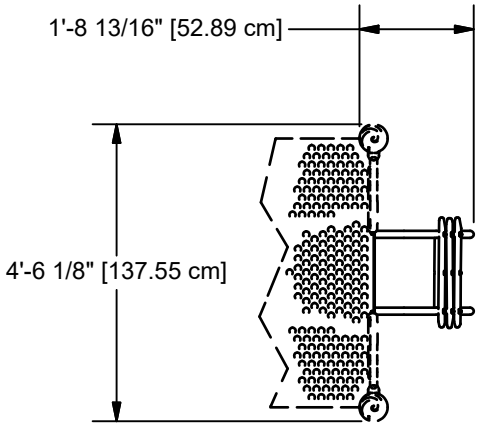
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE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



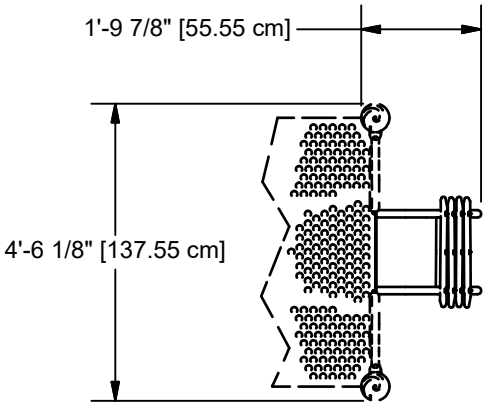
ASSEMBLY VIEW
91182 SHOWN



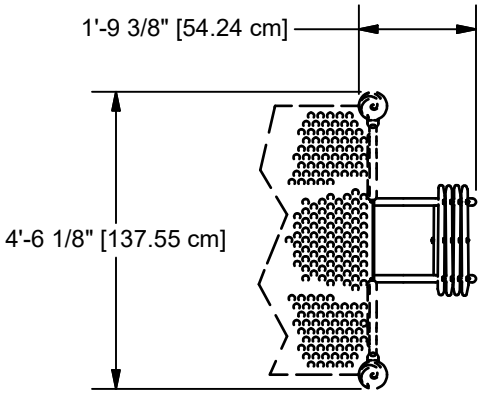
3'-0" DECK



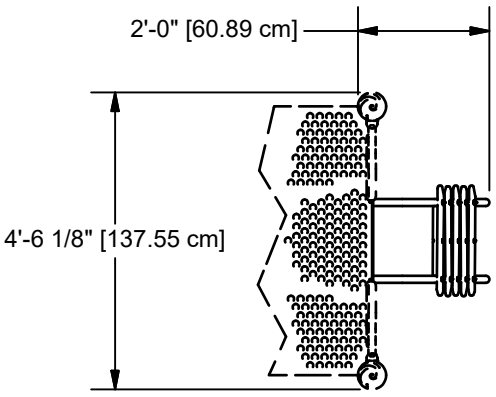
4'-0" DECK



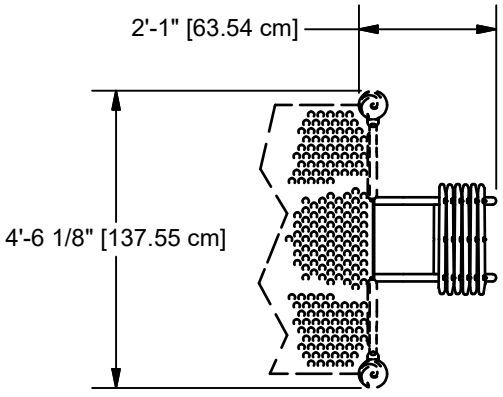
5'-0" DECK



6'-0" DECK



7'-0" DECK

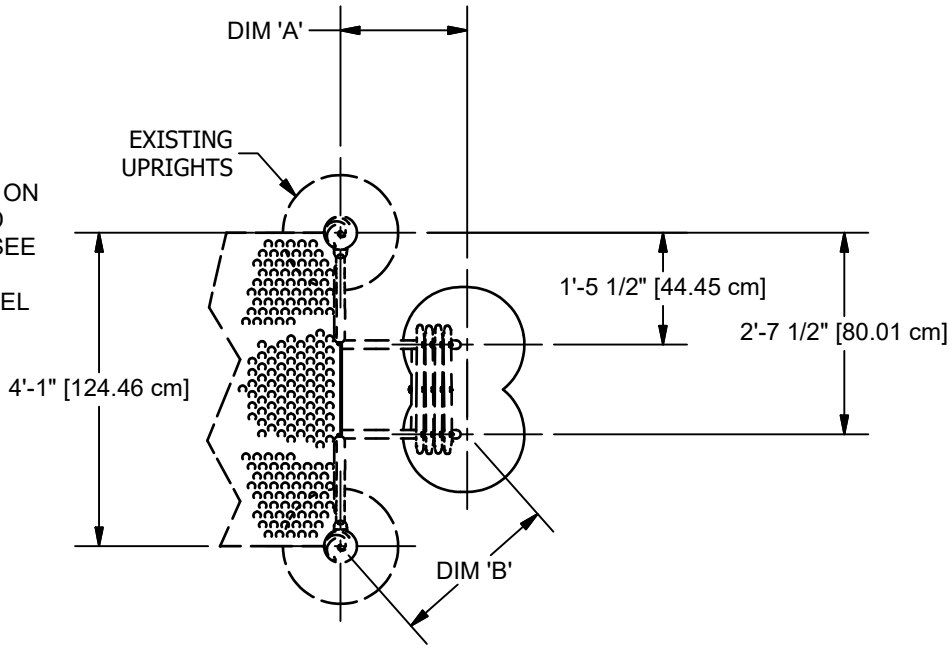


8'-0" DECK

TOP VIEW

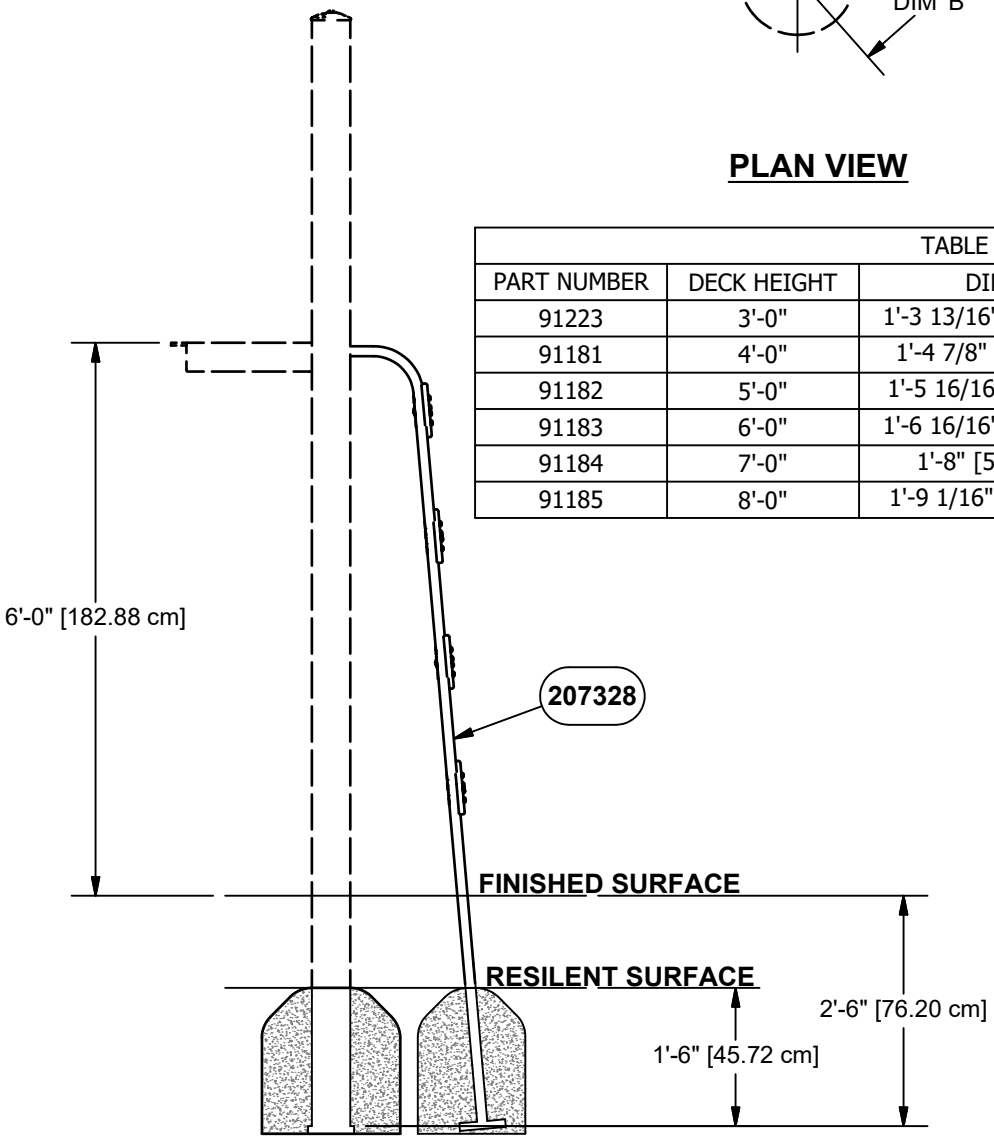
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.

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



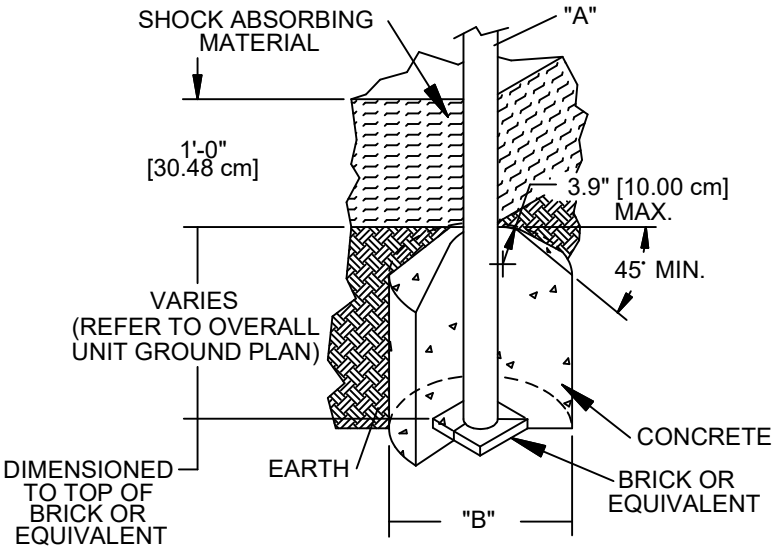
PLAN VIEW

TABLE			
PART NUMBER	DECK HEIGHT	DIM 'A'	DIM 'B'
91223	3'-0"	1'-3 13/16" [40.15 cm]	1'-10 3/4" [57.72 cm]
91181	4'-0"	1'-4 7/8" [42.82 cm]	1"-11 1/2" [59.67 cm]
91182	5'-0"	1'-5 16/16 [45.48 cm]	2'- 1/8" [61.28 cm]
91183	6'-0"	1'-6 16/16" [48.15 cm]	2'- 15/16" [63.37 cm]
91184	7'-0"	1'-8" [50.82 cm]	2'-1 11/16" [65.29 cm]
91185	8'-0"	1'-9 1/16" [53.48 cm]	2'-2 7/16" [67.17 cm]



ELEVATION VIEW

91183 6'-0" SHOWN
OTHERS SIMILAR

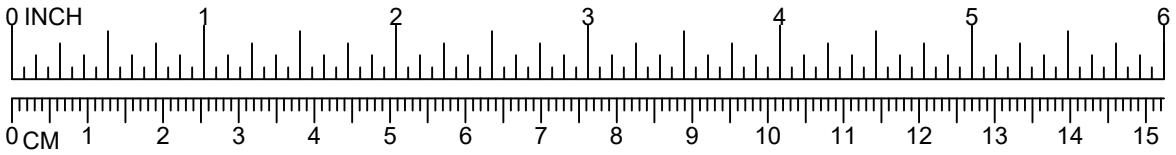


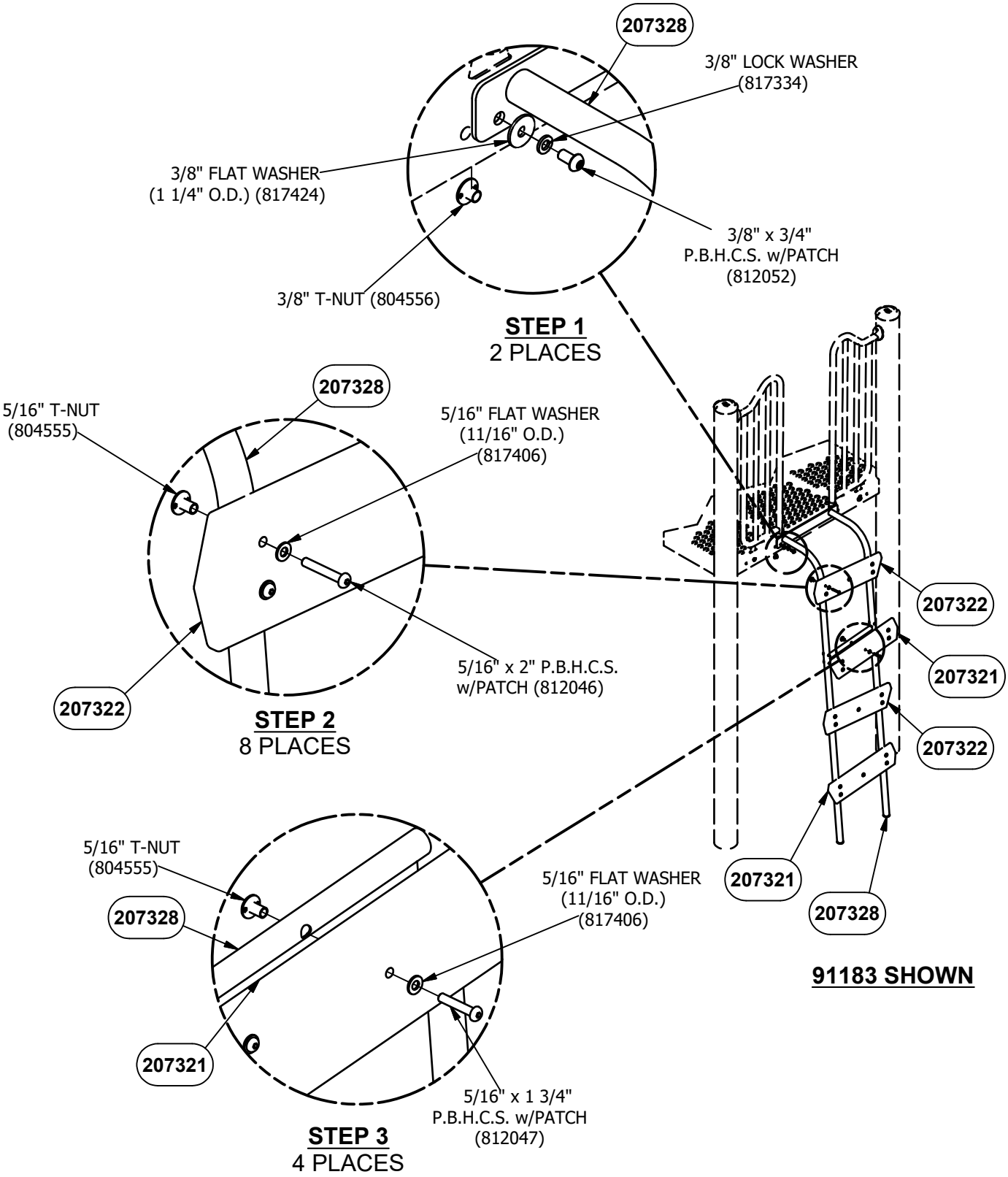
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]
TRACK RIDE & SWINGS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

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

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

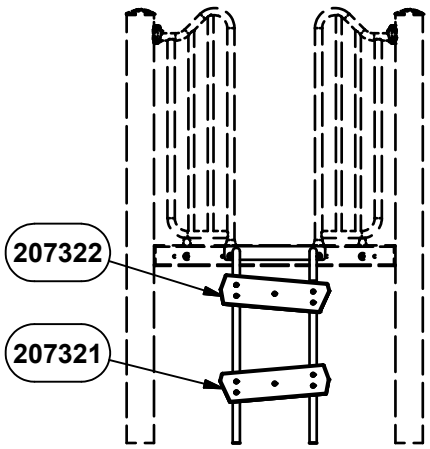
FOOTING DETAIL





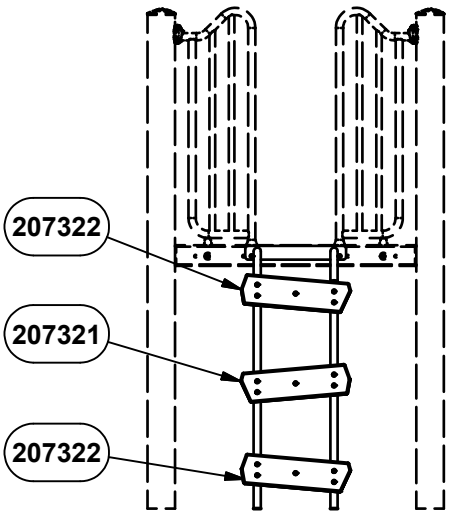
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



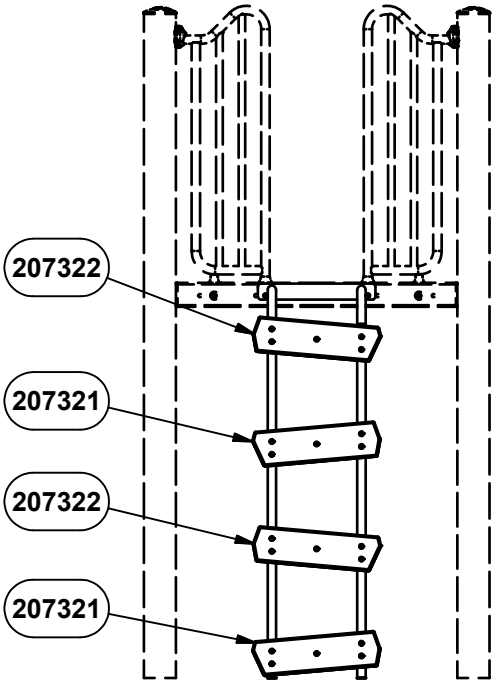
TIMBER LOCATION
91223

TIMBER PACKAGE 207490	
DESCRIPTION	PART NUMBER
TIMBER 42 (TUDOR BROWN)	207321
TIMBER 43 (GRAY)	207322



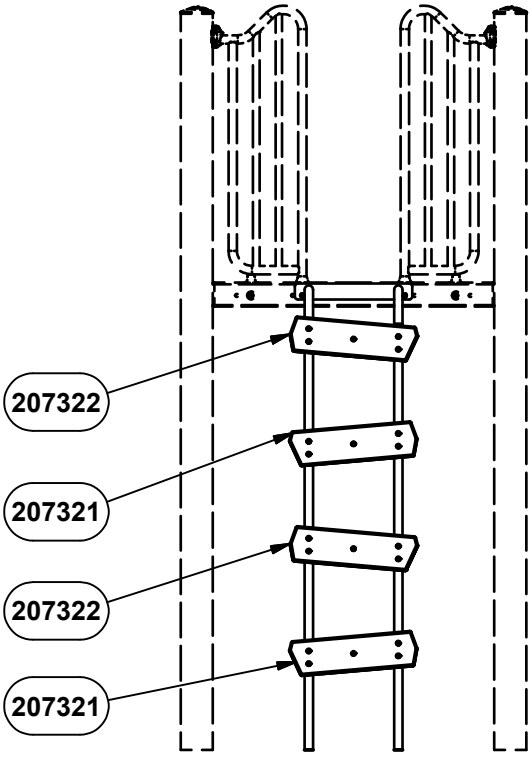
TIMBER LOCATION
91181

TIMBER PACKAGE 207491	
DESCRIPTION	PART NUMBER
TIMBER 42 (TUDOR BROWN)	207321
TIMBER 43 (GRAY)	207322



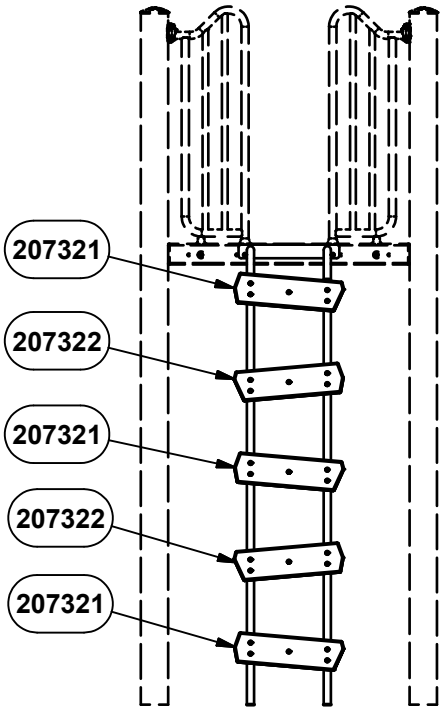
TIMBER LOCATION
91182

TIMBER PACKAGE 207492	
DESCRIPTION	PART NUMBER
TIMBER 42 (TUDOR BROWN)	207321
TIMBER 43 (GRAY)	207322



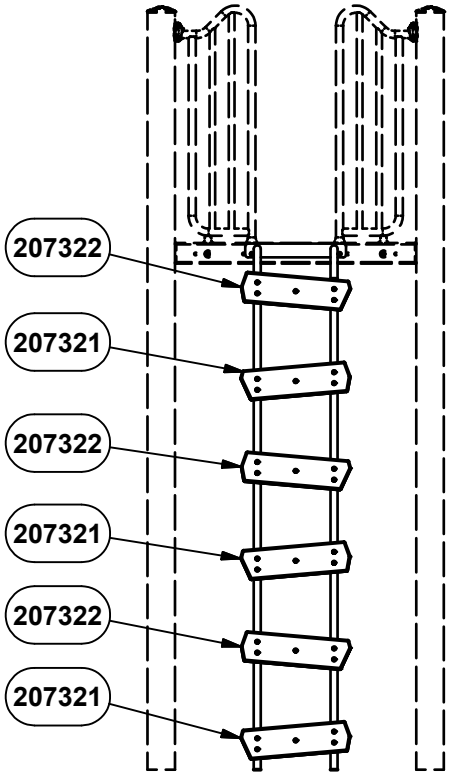
TIMBER LOCATION
91183

TIMBER PACKAGE 207492	
DESCRIPTION	PART NUMBER
TIMBER 42 (TUDOR BROWN)	207321
TIMBER 43 (GRAY)	207322



TIMBER LOCATION
91184

TIMBER PACKAGE 207493	
DESCRIPTION	PART NUMBER
TIMBER 42 (TUDOR BROWN)	207321
TIMBER 43 (GRAY)	207322



TIMBER LOCATION
91185

TIMBER PACKAGE 207494	
DESCRIPTION	PART NUMBER
TIMBER 42 (TUDOR BROWN)	207321
TIMBER 43 (GRAY)	207322

Parts List							
DESCRIPTION	91223	91181	91182	91183	91184	91185	PART NUMBER
3' PLANK CLIMBER WELD ASS'Y	1	0	0	0	0	0	207377
4' PLANK CLIMBER WELD ASS'Y	0	1	0	0	0	0	207316
5' PLANK CLIMBER WELD ASS'Y	0	0	1	0	0	0	207324
6' PLANK CLIMBER WELD ASS'Y	0	0	0	1	0	0	207328
7' PLANK CLIMBER WELD ASS'Y	0	0	0	0	1	0	207332
8' PLANK CLIMBER WELD ASS'Y	0	0	0	0	0	1	207336
TIMBER PACKAGE	1	0	0	0	0	0	207490
TIMBER PACKAGE	0	1	0	0	0	0	207491
TIMBER PACKAGE	0	0	1	1	0	0	207492
TIMBER PACKAGE	0	0	0	0	1	0	207493
TIMBER PACKAGE	0	0	0	0	0	1	207494
TIMBER 42	1	2	2	2	3	3	207321**
TIMBER 43	1	1	2	2	2	3	207322**
HARDWARE COMPLETE	1	0	0	0	0	0	207495
HARDWARE COMPLETE	0	1	0	0	0	0	207496
HARDWARE COMPLETE	0	0	1	1	0	0	207497
HARDWARE COMPLETE	0	0	0	0	1	0	207498
HARDWARE COMPLETE	0	0	0	0	0	1	207499
3/8" x 3/4" P.B.H.C.S. w/PATCH	2	2	2	2	2	2	812052*
3/8" LOCK WASHER	2	2	2	2	2	2	817334*
3/8" T-NUT	2	2	2	2	2	2	804556*
5/16" x 1 3/4" P.B.H.C.S. w/PATCH	2	3	4	4	5	6	812047*
5/16" x 2" P.B.H.C.S. w/PATCH	8	12	16	16	20	24	812046*
5/16" FLAT WASHER (11/16" O.D.)	10	15	20	20	25	30	817406*
5/16" T-NUT	10	15	20	20	25	30	804555*
3/8" FLAT WASHER (1 1/4" O.D.)	2	2	2	2	2	2	817424*

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 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.

PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 9/26/23

91336 TIMBERS ENCLOSURE

= INSTALLATION DETAIL

= PARTS LIST REFERENCE

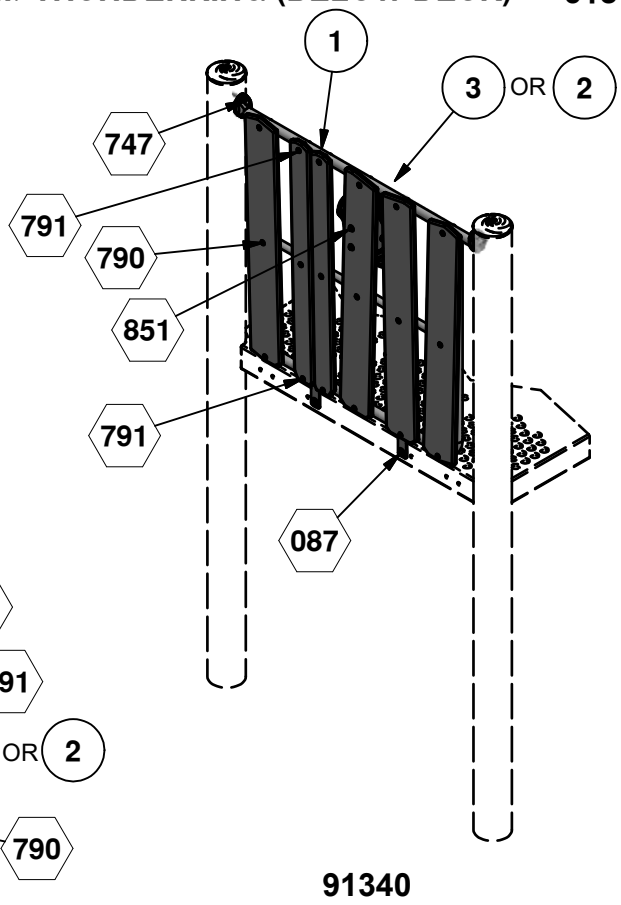
w/ MOLDED STEERING WHEEL (ABOVE DECK)	91336
w/ MOLDED STEERING WHEEL (BELOW DECK)	91337
w/ SOLID STEERING WHEEL (ABOVE DECK)	91338
w/ SOLID STEERING WHEEL (BELOW DECK)	91339
w/ THUNDERRING (ABOVE DECK)	91340
w/ THUNDERRING (BELOW DECK)	91341



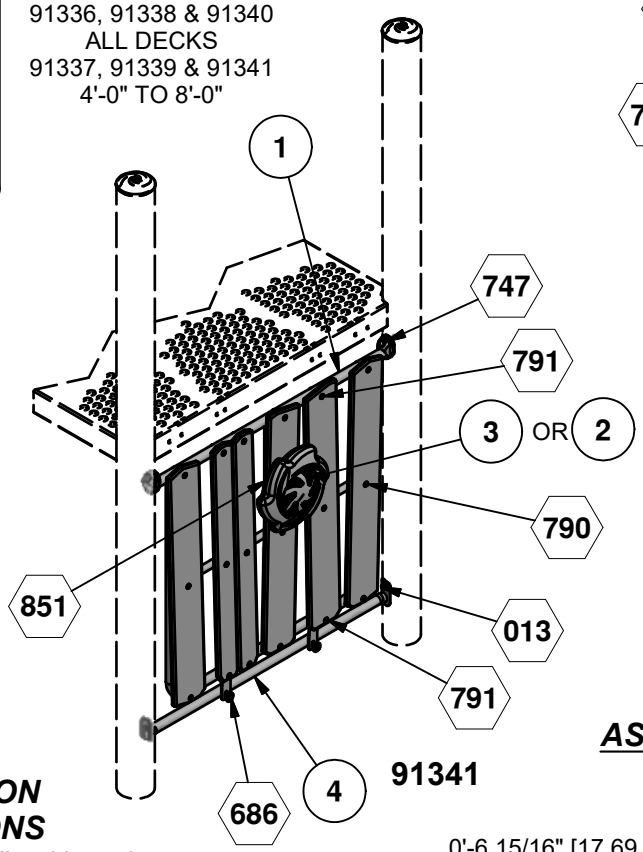
91336, 91338 & 91340
UP TO 5'-0"
91337, 91339 & 91341
4'-0" TO 5'-0"



91336, 91338 & 91340
ALL DECKS
91337, 91339 & 91341
4'-0" TO 8'-0"



91340

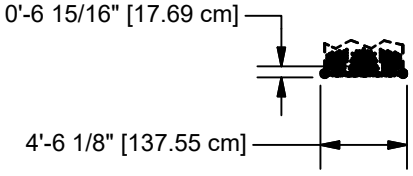


91341

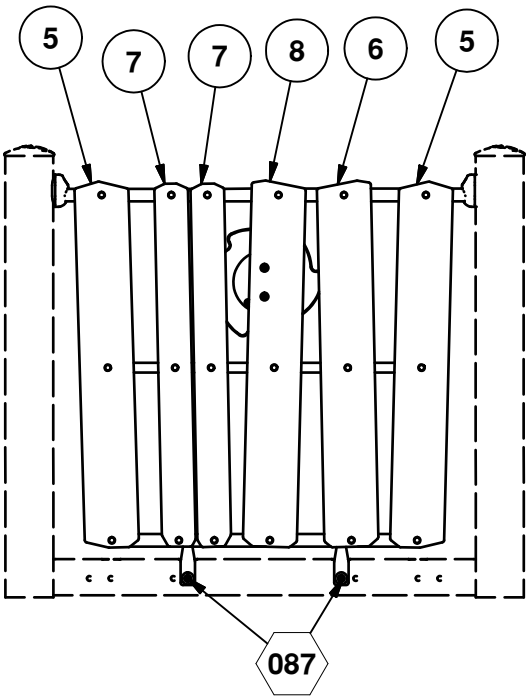
ASSEMBLY DRAWINGS

INSTALLATION INSTRUCTIONS

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



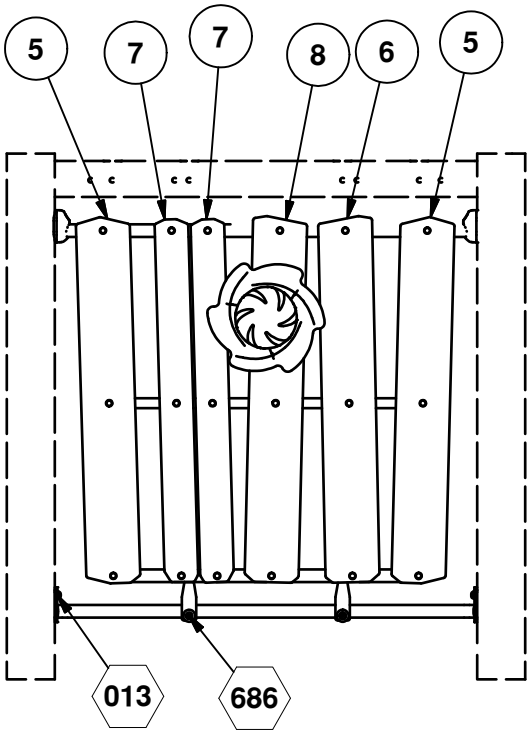
TOP VIEW



TIMBER PACKAGE -		
REF	DESCRIPTION	PART NUMBER
5	TIMBER 14 (TUDOR BROWN)	207222
6	TIMBER 16 (TUDOR BROWN)	207220
7	TIMBER 17 (GRAY)	207223
8	TIMBER 123 (SAND)	211304

TIMBER LOCATION

91340 (91336 &91338 SIMILAR)



TIMBER PACKAGE -211314		
REF	DESCRIPTION	PART NUMBER
5	TIMBVER 14 (TUDOR BROWN)	207222
6	TIMBER 16 (TUDOR BROWN)	207220
7	TIMBER 17 (GRAY)	207223
8	TIMBER 123 (SAND)	211304

TIMBER LOCATION

91341 (91337 &91339 SIMILAR)

Parts List								
REF.	DESCRIPTION	91336	91337	91338	91339	91340	91341	PART NUMBER
1	TIMBER ENCLOSURE WELD ASS'Y	1	1	1	1	1	1	211306
2	STEERING WHEEL ASSEMBLY	1	1	0	0	0	0	163235
2	SOLID STEERING WHEEL ASSEMBLY	0	0	1	1	0	0	141129
3	THUNDER RING	0	0	0	0	1	1	179013
4	MOUNTING PIPE	0	1	0	1	0	1	203900
	TIMBER PACKAGE	1	1	1	1	1	1	213114
5	TIMBER 14	2	2	2	2	2	2	207222**
6	TIMBER 16	1	1	1	1	1	1	207220**
7	TIMBER 17	2	2	2	2	2	2	207223**
8	TIMBER 123	1	1	1	1	1	1	211304**
	TRU-LOC	2	2	2	2	2	2	203650
	HARDWARE COMPLETE	1	0	1	0	1	0	223426
	HARDWARE COMPLETE	0	1	0	1	0	1	223427
	3/8" x 3/4" P.B.H.C.S. w/PATCH	2	2	2	2	2	2	812052*
	3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	2	2	2	2	2	812054*
	3/8" x 2" P.B.H.C.S. w/PATCH	2	2	2	2	2	2	812055*
	3/8" ACORN NUT	2	2	2	2	2	2	804002*
	3/8" FLAT WASHER	2	2	2	2	2	2	817410*
	3/8" FLAT WASHER (1 1/4" O.D.)	2	2	2	2	2	2	817424*
	3/8" LOCK WASHER	6	8	6	8	6	8	817334*
	3/8" T-NUT	2	2	2	2	2	2	804556*
	ALUM. PIN	2	2	2	2	2	2	203568*
	5/16" x 1 3/4" P.B.H.C.S. w/PATCH	6	6	6	6	6	6	812047*
	5/16" x 2" P.B.H.C.S. w/PATCH	12	12	12	12	12	12	812046*
	NUT 5/16"- INSERT TYPE 1	18	18	18	18	18	18	HWN0149*

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.

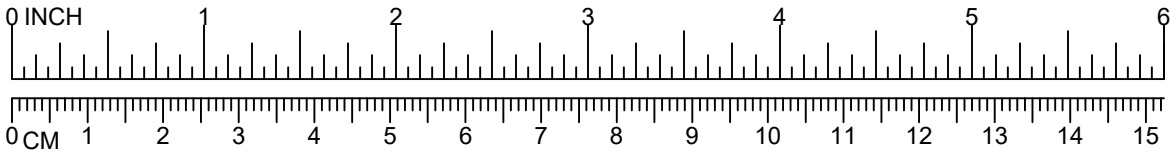
DETAILS -for-
91336, 91337, 91338, 91339, 91340 & 91341

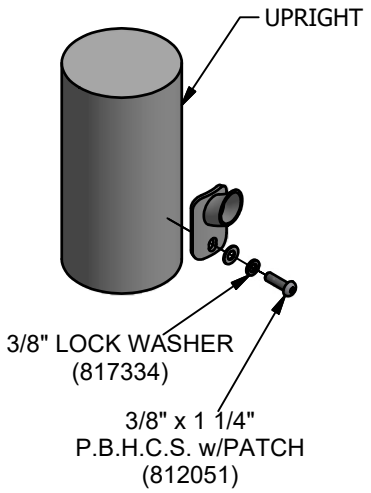
IMPORTANT

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.

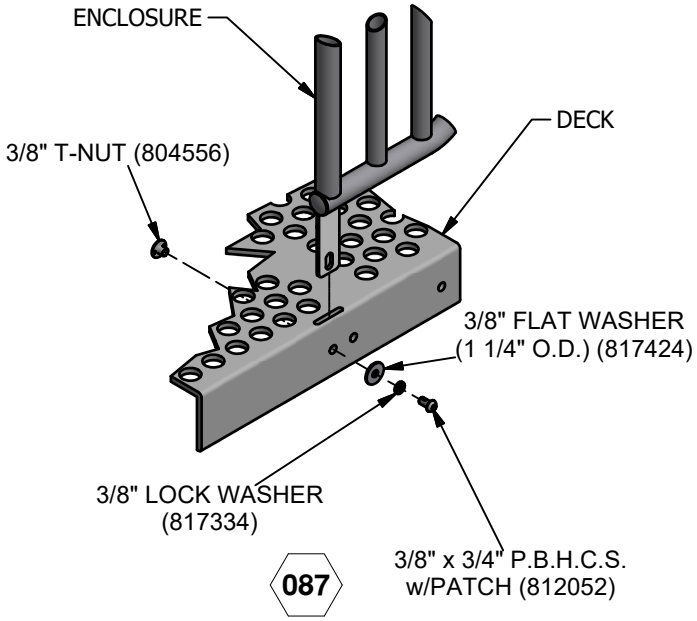
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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

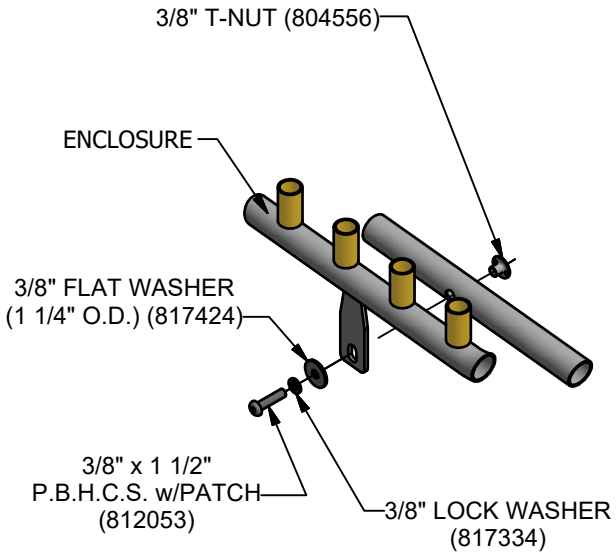




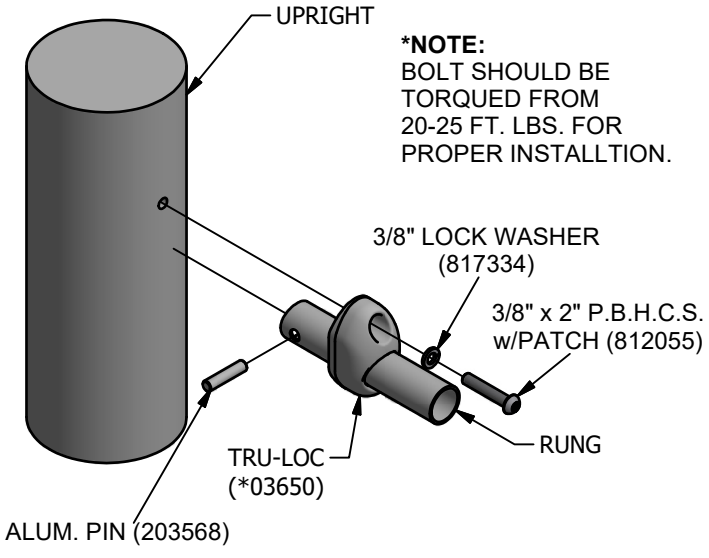
013



087



686



(* = A OR Z)

747

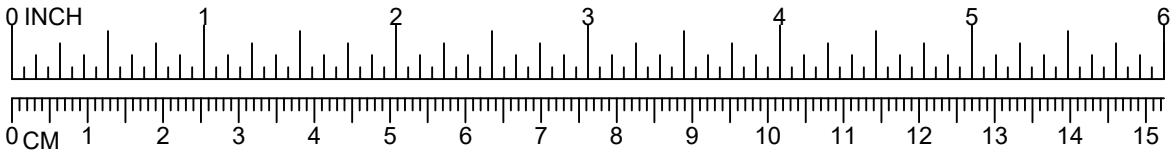
DETAILS -for-
91336, 91337, 91338, 91339, 91340 & 91341

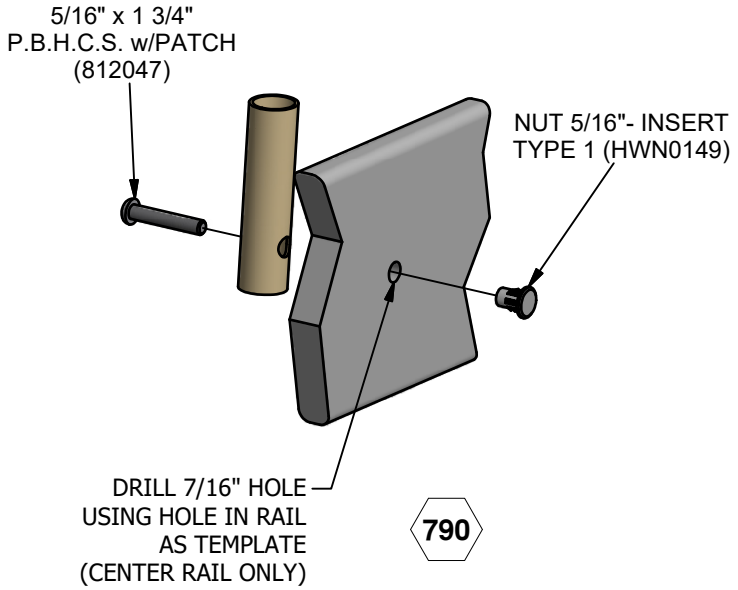
*I*MPORTANT

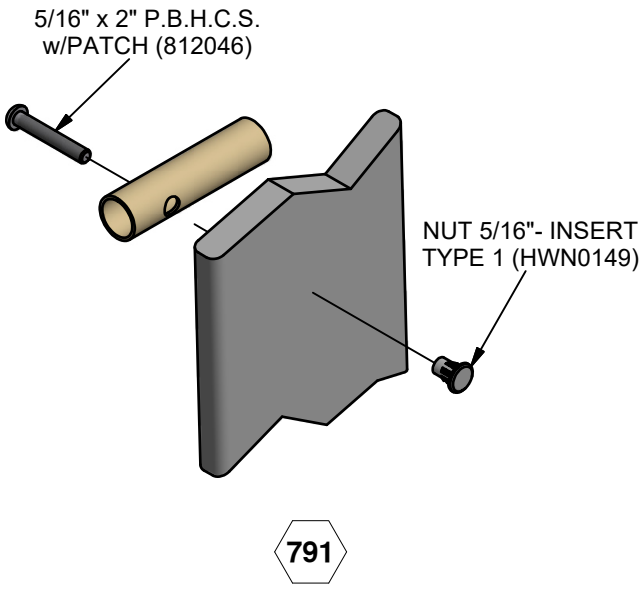
TO REDUCE THE RISK OF CLOTHING ENTANGLEMENT IN COMPLIANCE WITH ASTM F1487, ANY BOLT END PROTRUDING MORE THAN TWO FULL THREADS BEYOND THE FACE OF THE NUT SHALL BE CUT-OFF FLUSH, FILED SMOOTH AND TREATED TO PREVENT CORROSION.

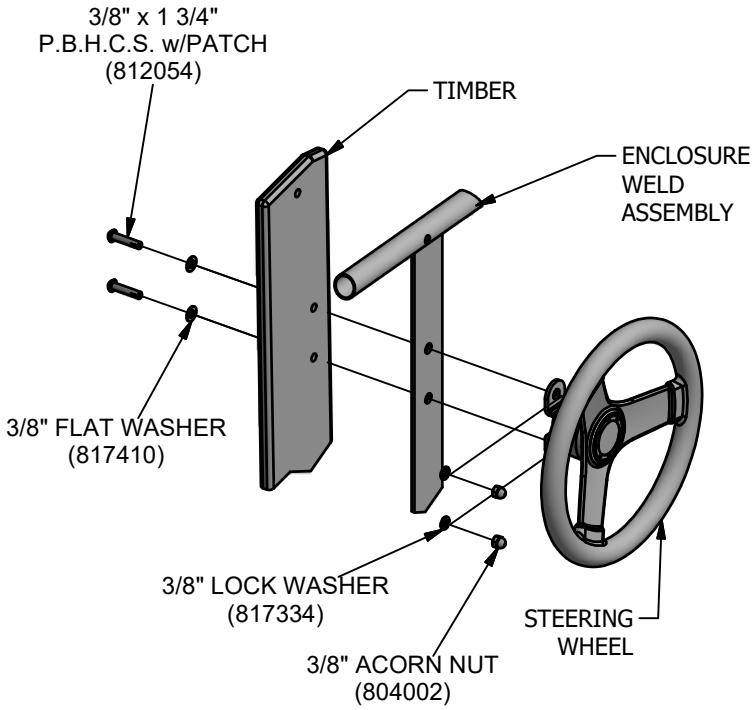
NOTE: LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.

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









PowerScape

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ISSUED/REVISED: 7/19/2021

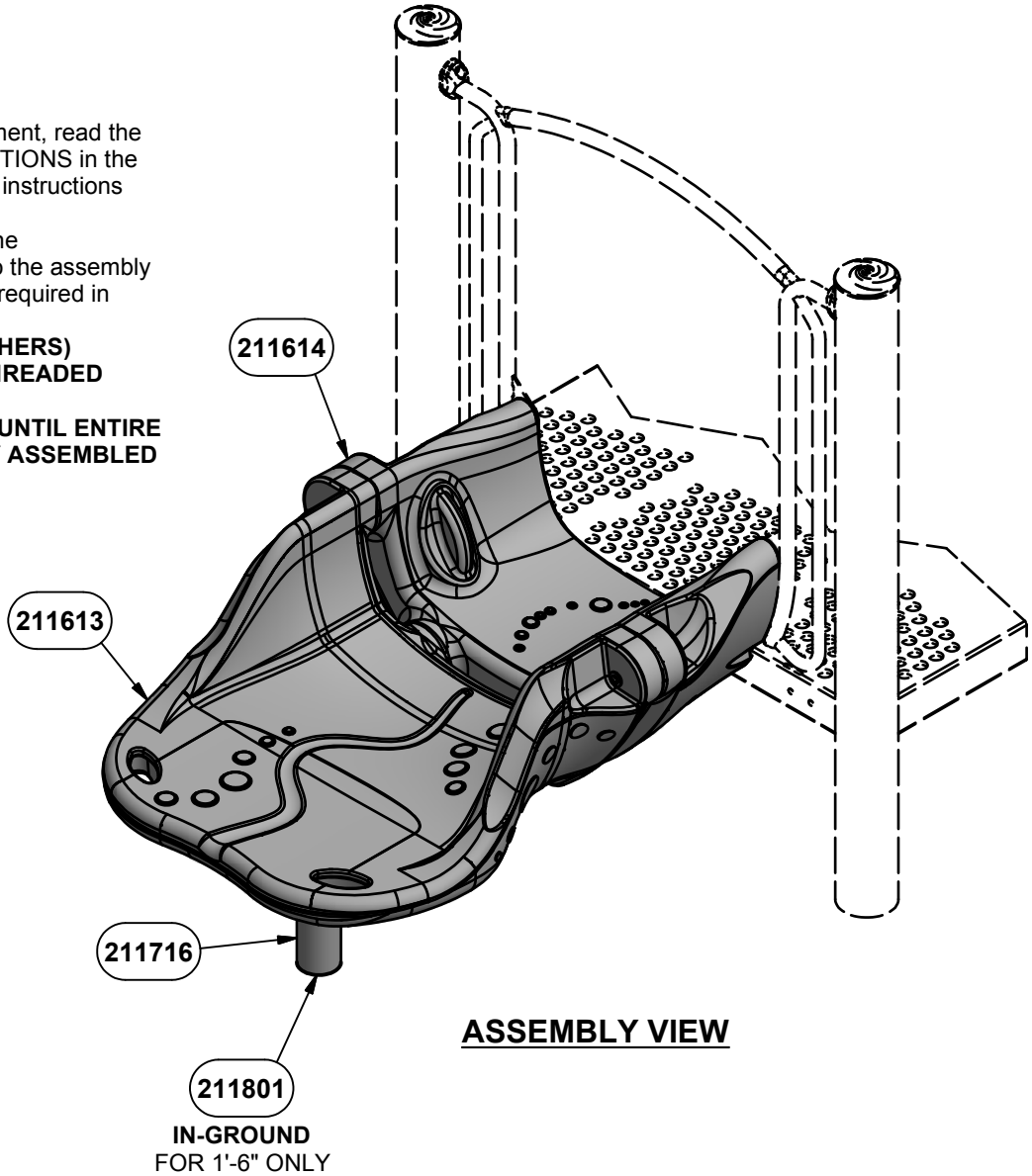
91373

SENSORY WAVE CLIMBER TRANSFER



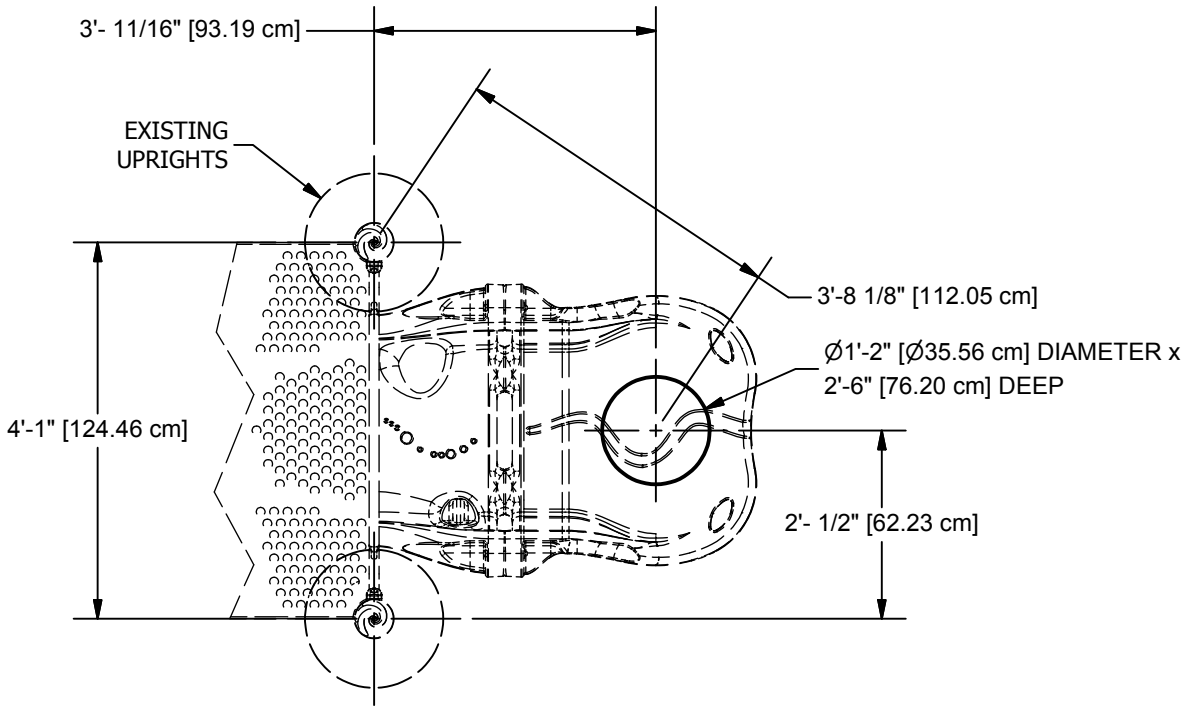
INSTALLATION INSTRUCTIONS

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

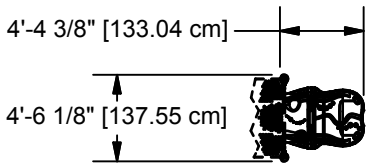
IN-GROUND
FOR 1'-6" ONLY



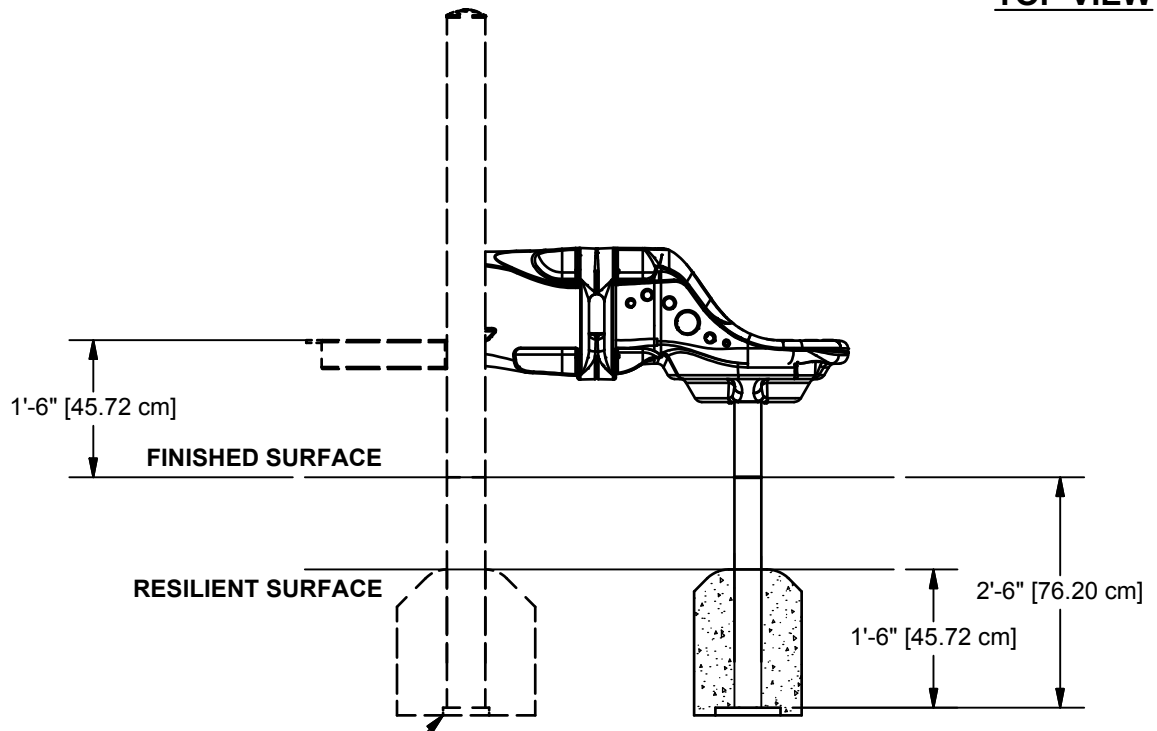
PLAN VIEW

CONCRETE REQUIRED:
.06 CUBIC YARDS
[.05 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.

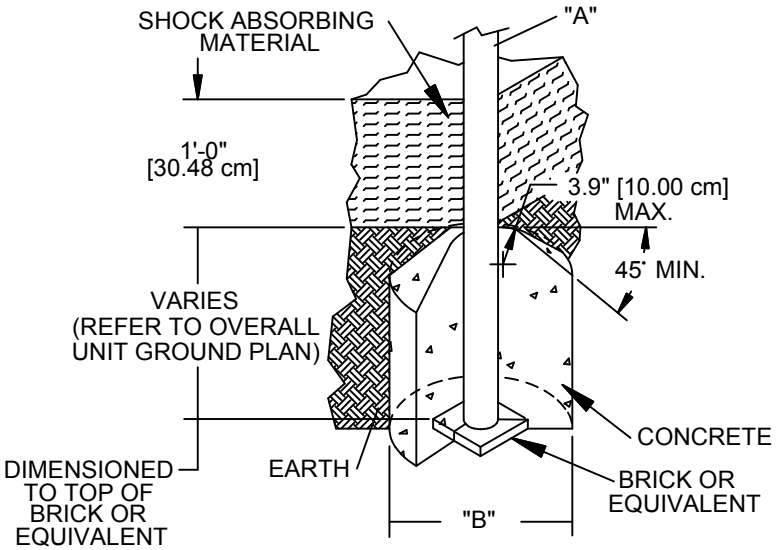


TOP VIEW



ELEVATION VIEW

1'-6" DECK SHOWN
1'-0" DECK SIMILAR

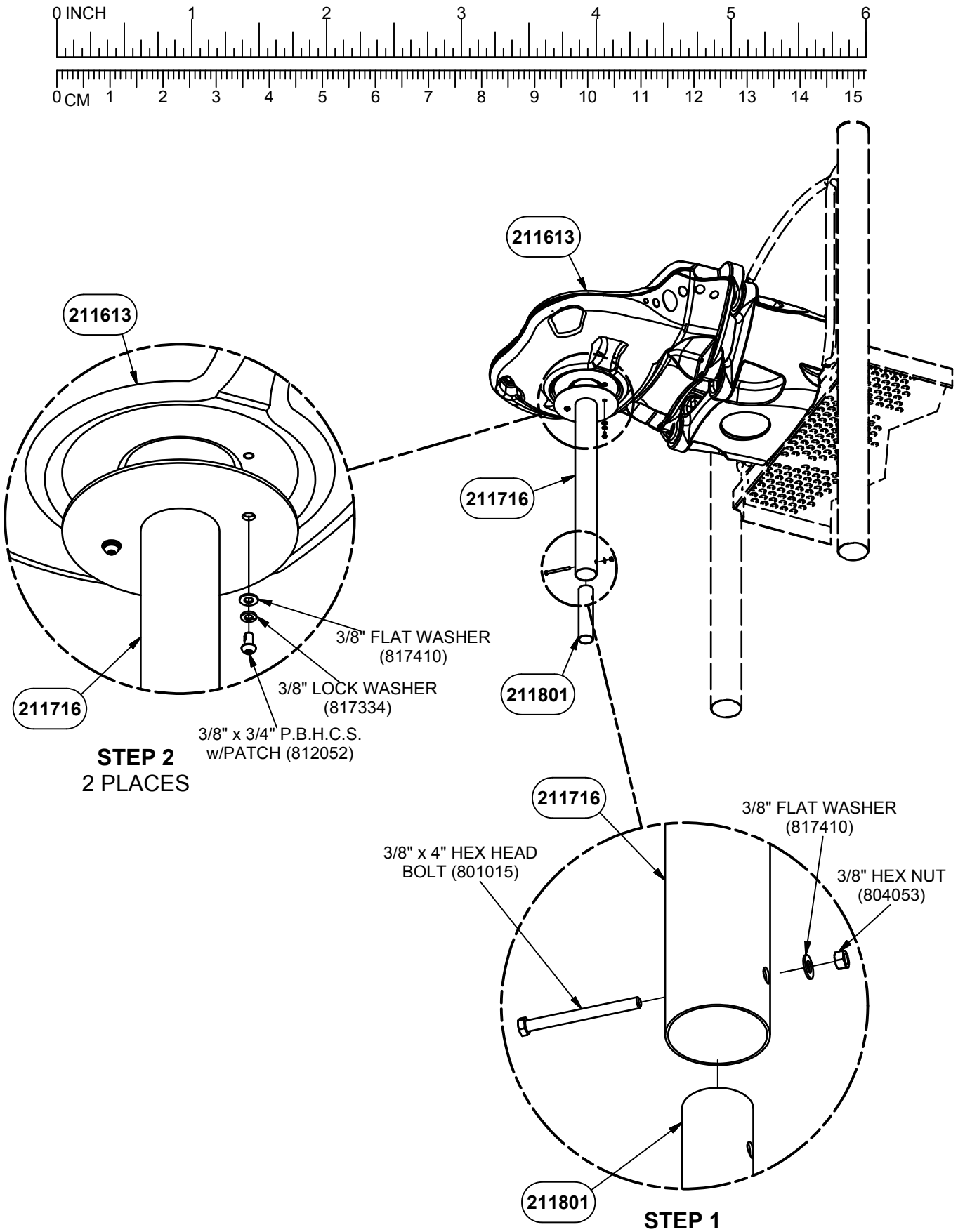


DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]

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.

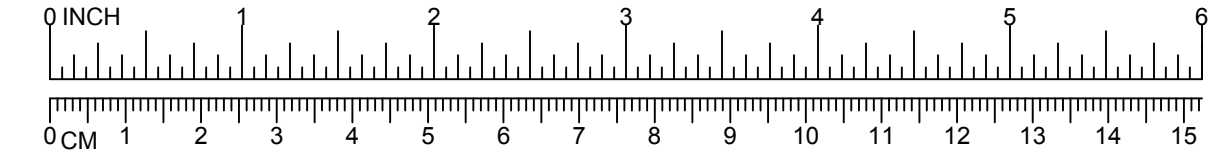
FOOTING DETAIL

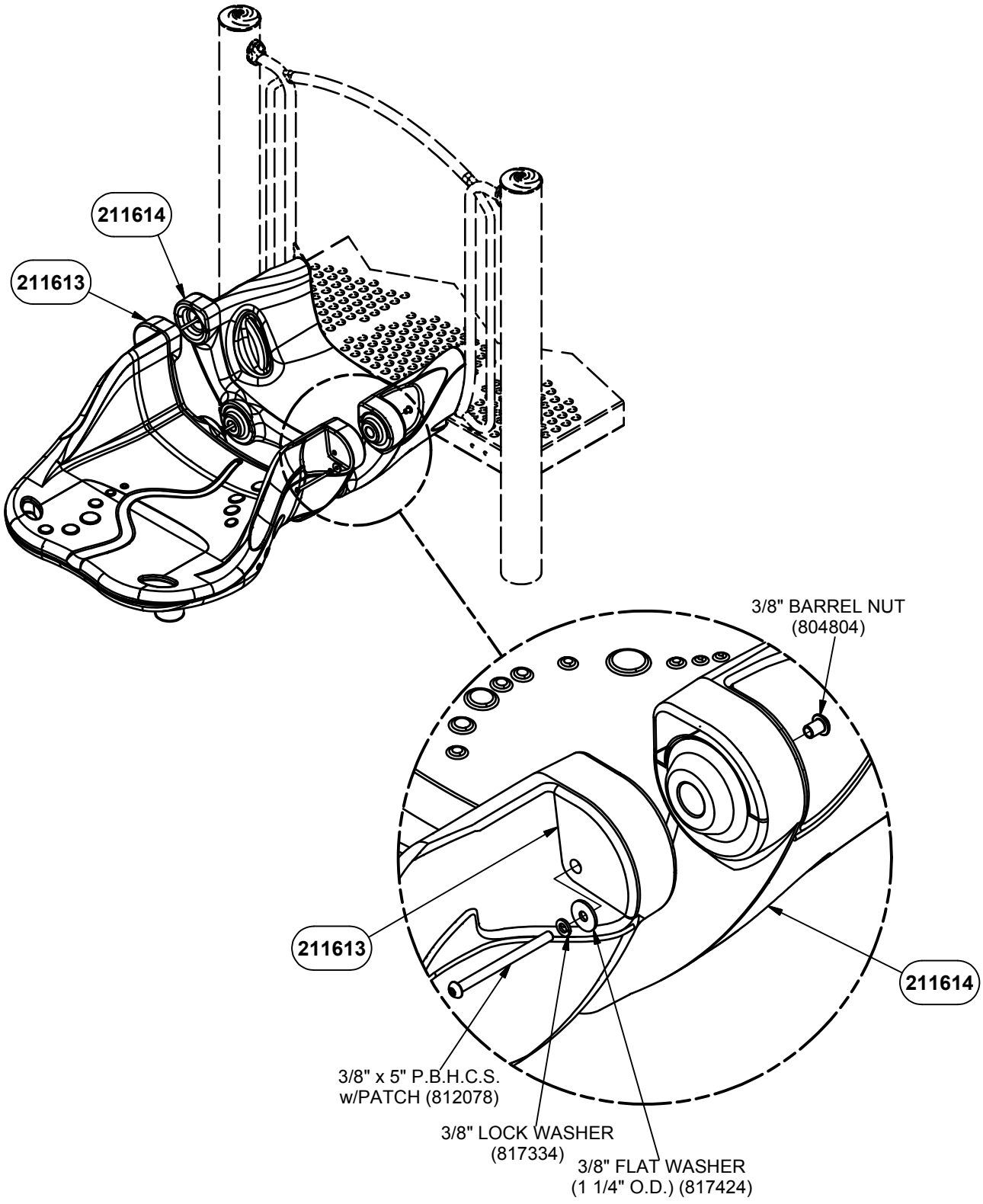


NOTE: EXTENSION IS ONLY USED FOR 1'-6" DECK HEIGHT

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

DETAIL VIEW

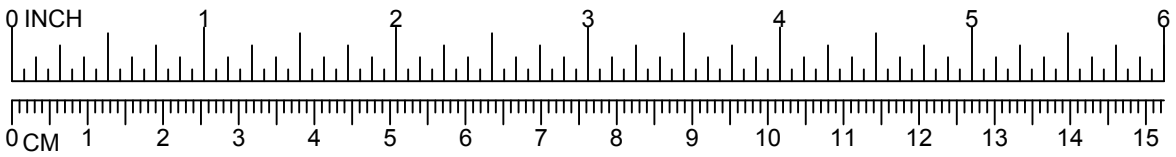


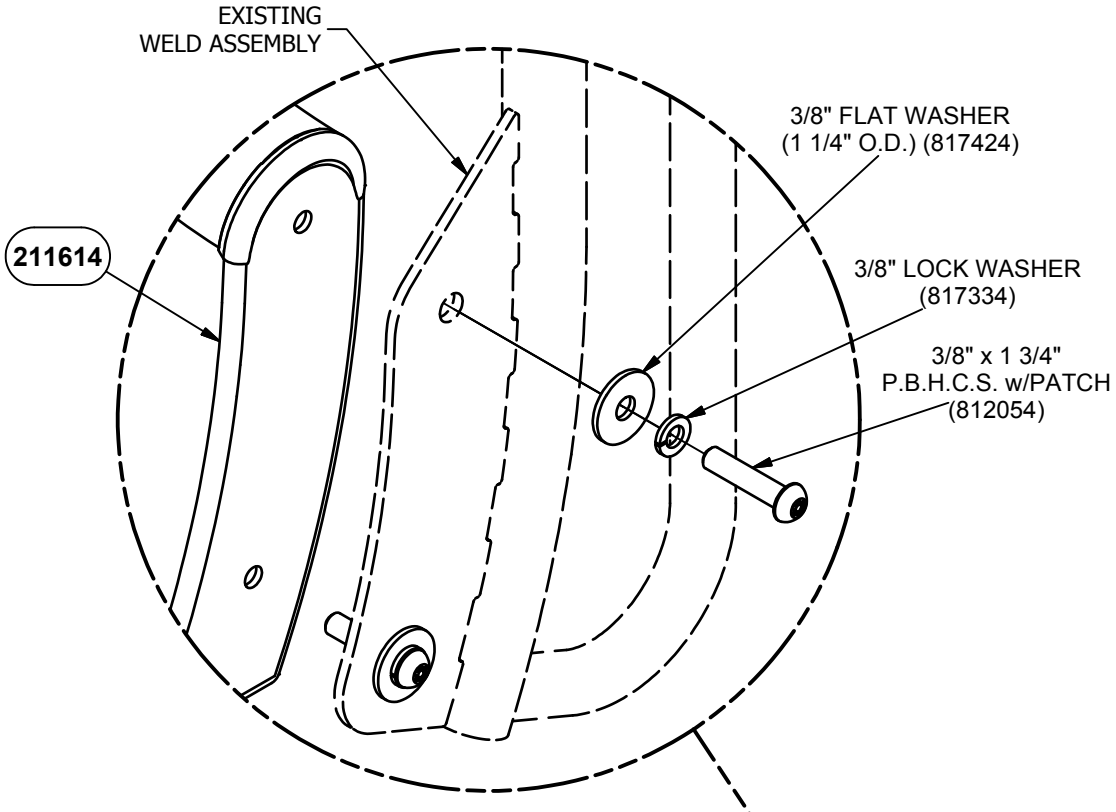


STEP 3
4 PLACES

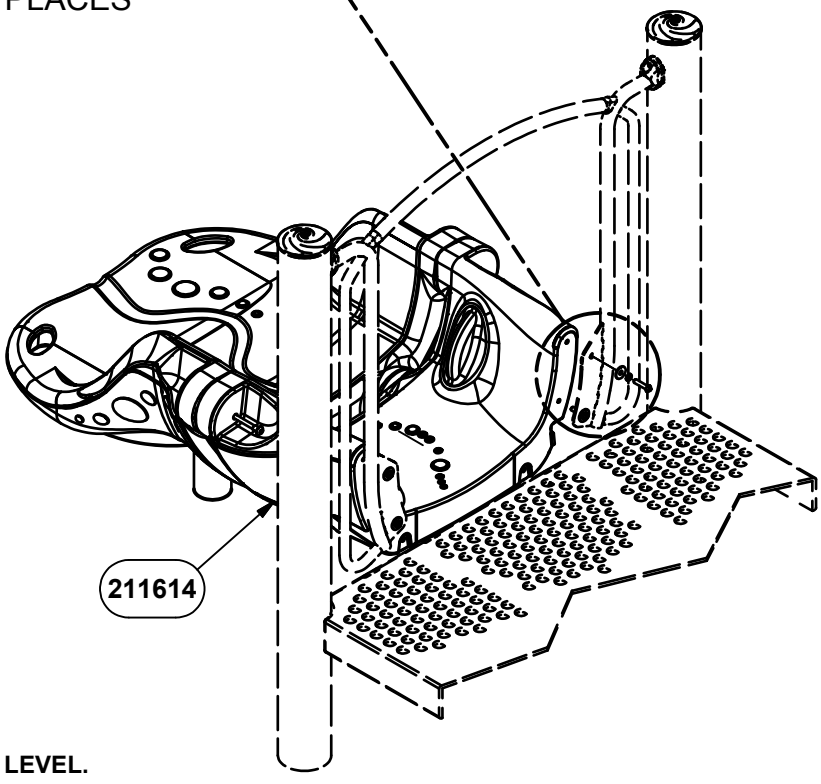
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



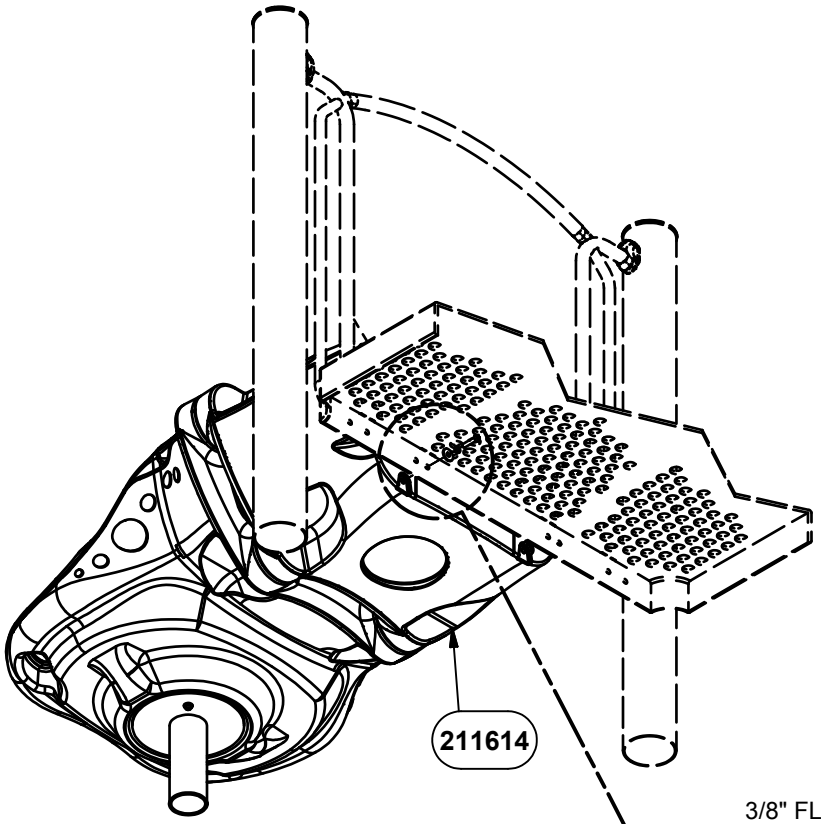


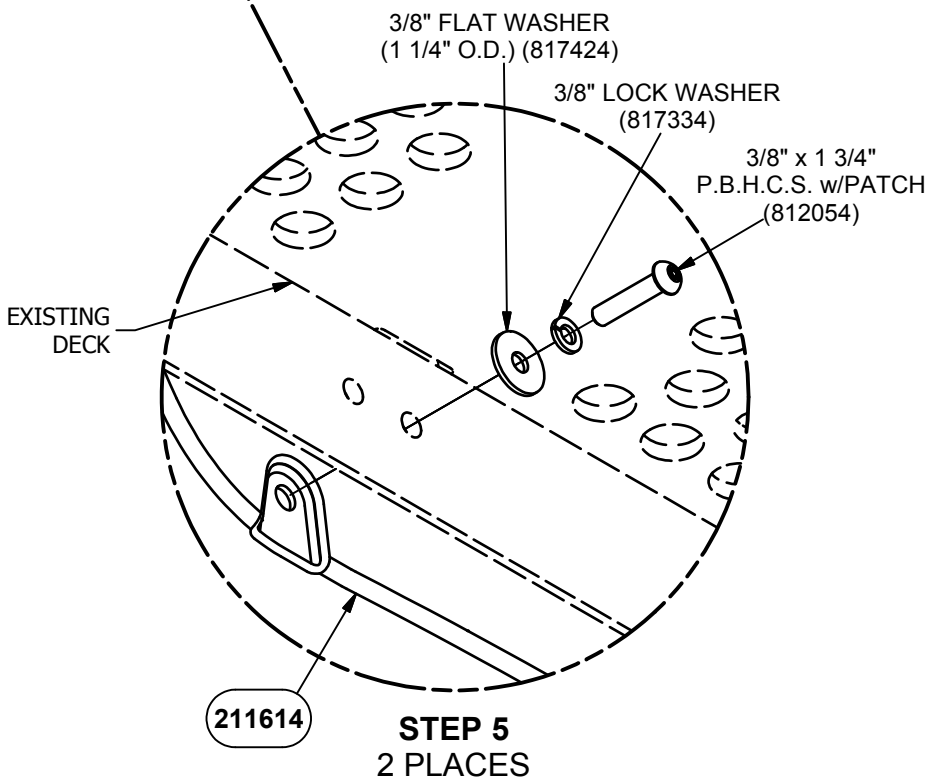
STEP 4
4 PLACES



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

DETAIL VIEW





STEP 5
2 PLACES

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

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
WAVE END TRANSFER	1	211613
WAVE DECK COUPLER	1	211614
FOOTBUCK WELD ASSEMBLY	1	211716
HARDWARE COMPLETE	1	211821
3/8" x 3/4" P.B.H.C.S. w/PATCH	2	812052*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	6	812054*
3/8" x 4" HEX HEAD BOLT	1	801015*
3/8" x 5" P.B.H.C.S. w/PATCH	4	812078*
3/8" FLAT WASHER (1 1/4" O.D.)	10	817424*
3/8" FLAT WASHER	3	817410*
3/8" LOCK WASHER	12	817334*
3/8" BARREL NUT	4	804804*
3/8" HEX NUT	1	804053*
EXTENSION PIPE	1	211801*

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.

PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 9/21/2021

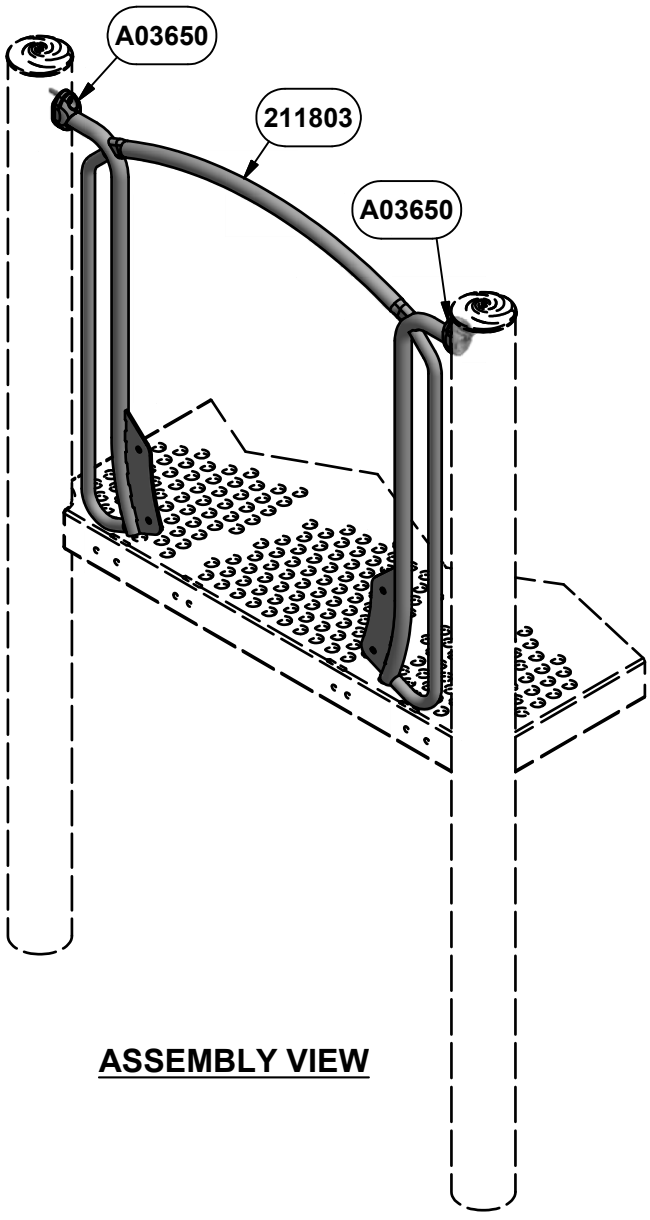
91457

SENSORY WAVE ENTRYWAY

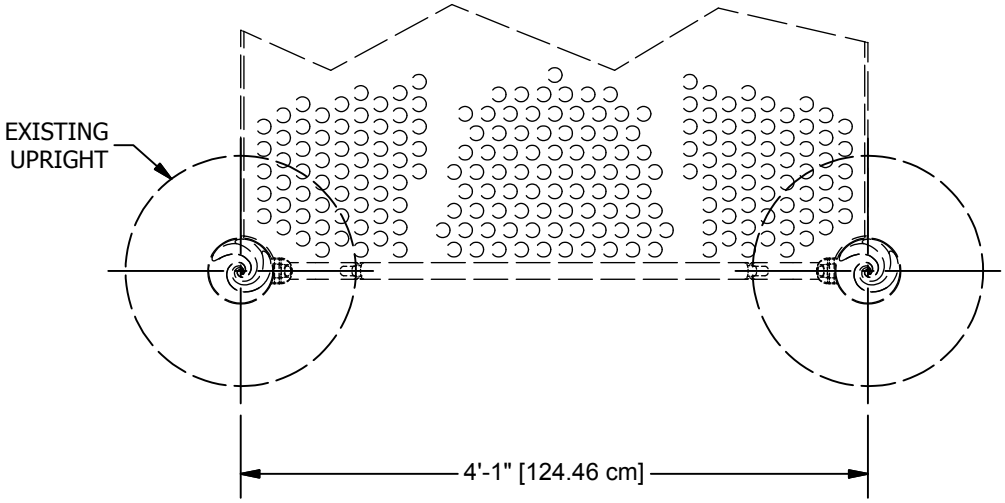


INSTALLATION INSTRUCTIONS

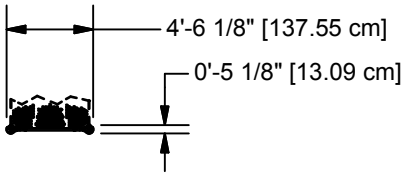
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2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.



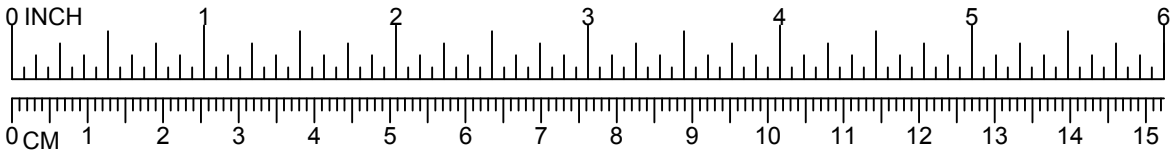
ASSEMBLY VIEW



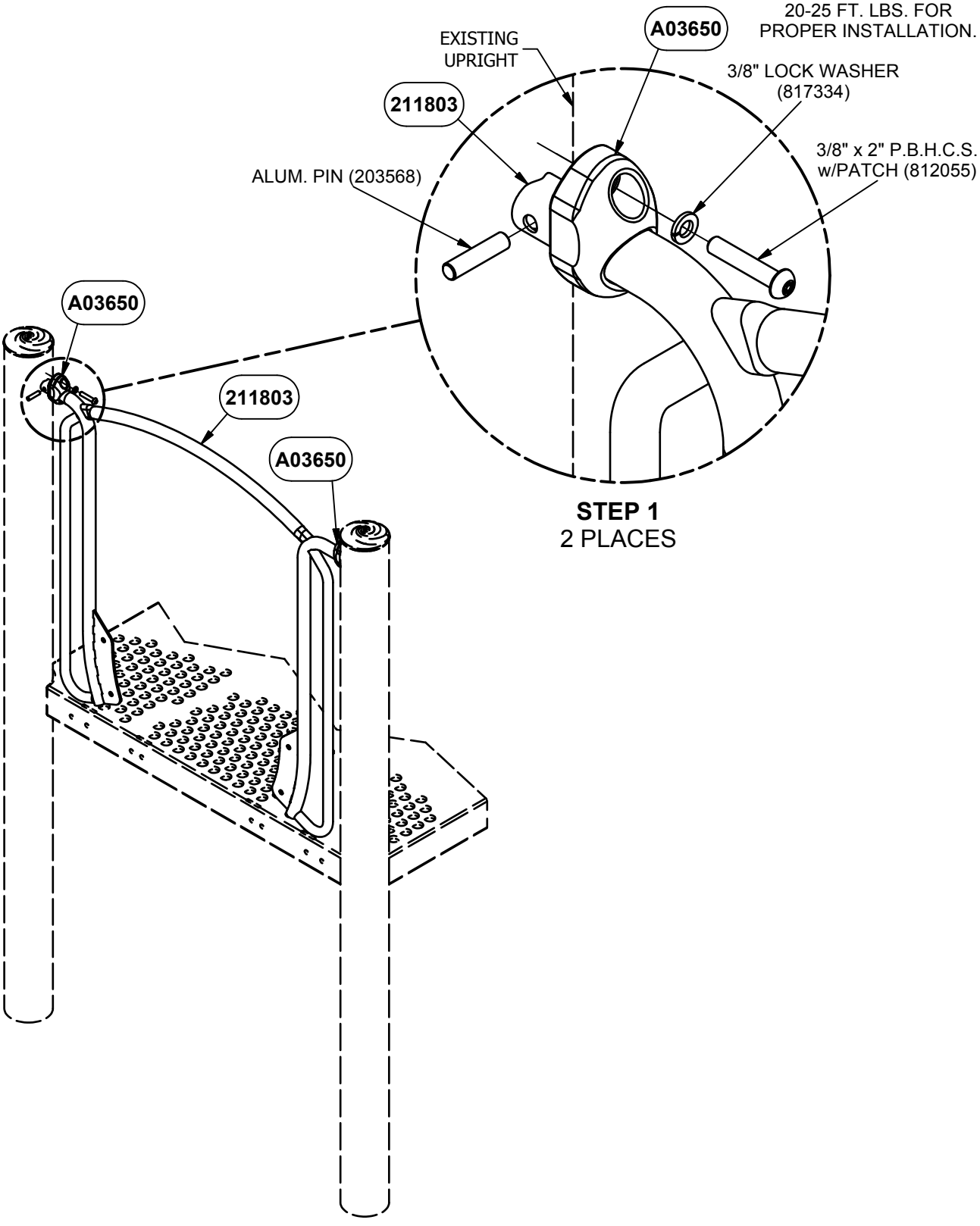
PLAN VIEW



TOP VIEW



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



STEP 1
2 PLACES

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
ENCLOSURE WELD ASSEMBLY	1	211803
TRU-LOC	2	A03650
HARDWARE COMPLETE	1	212412
3/8" x 2" P.B.H.C.S. w/PATCH	2	812055*
3/8" LOCK WASHER	2	817334*
ALUM. PIN	2	203568*

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

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

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

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

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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: 7/2/2020

91546

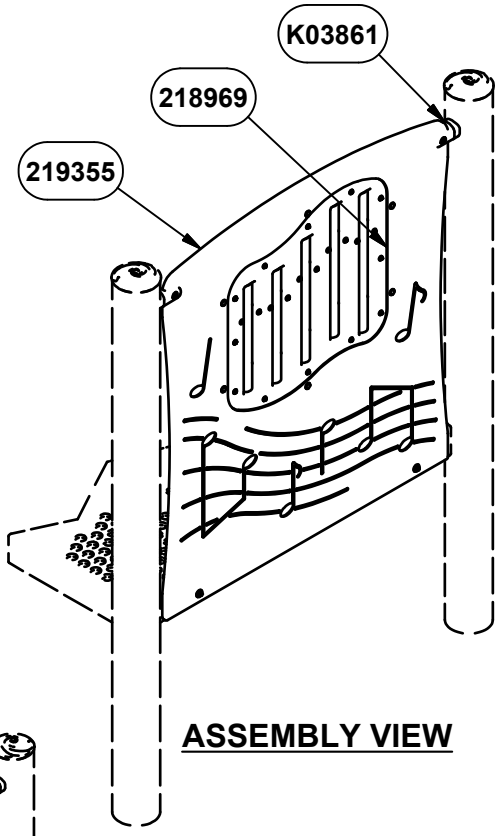
METALLOPHONE PANEL



UP TO 5'-0" DECK HEIGHT



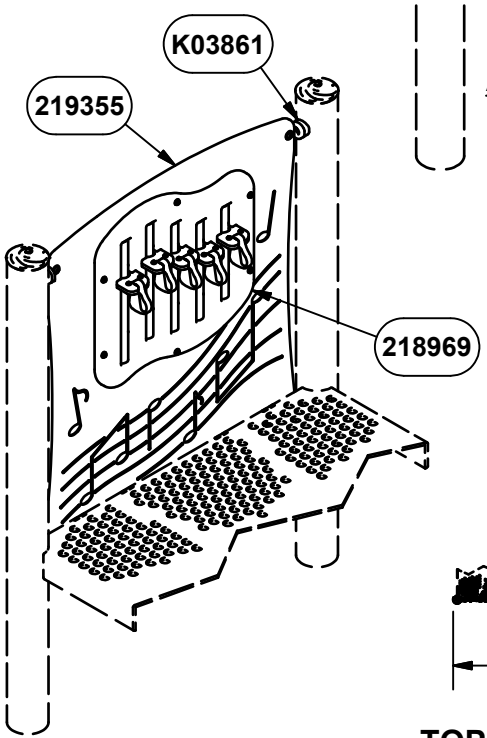
ALL DECK HEIGHTS



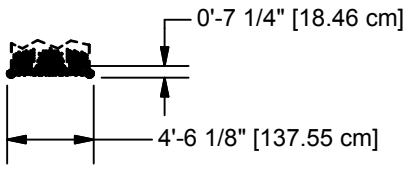
ASSEMBLY VIEW

INSTALLATION INSTRUCTIONS

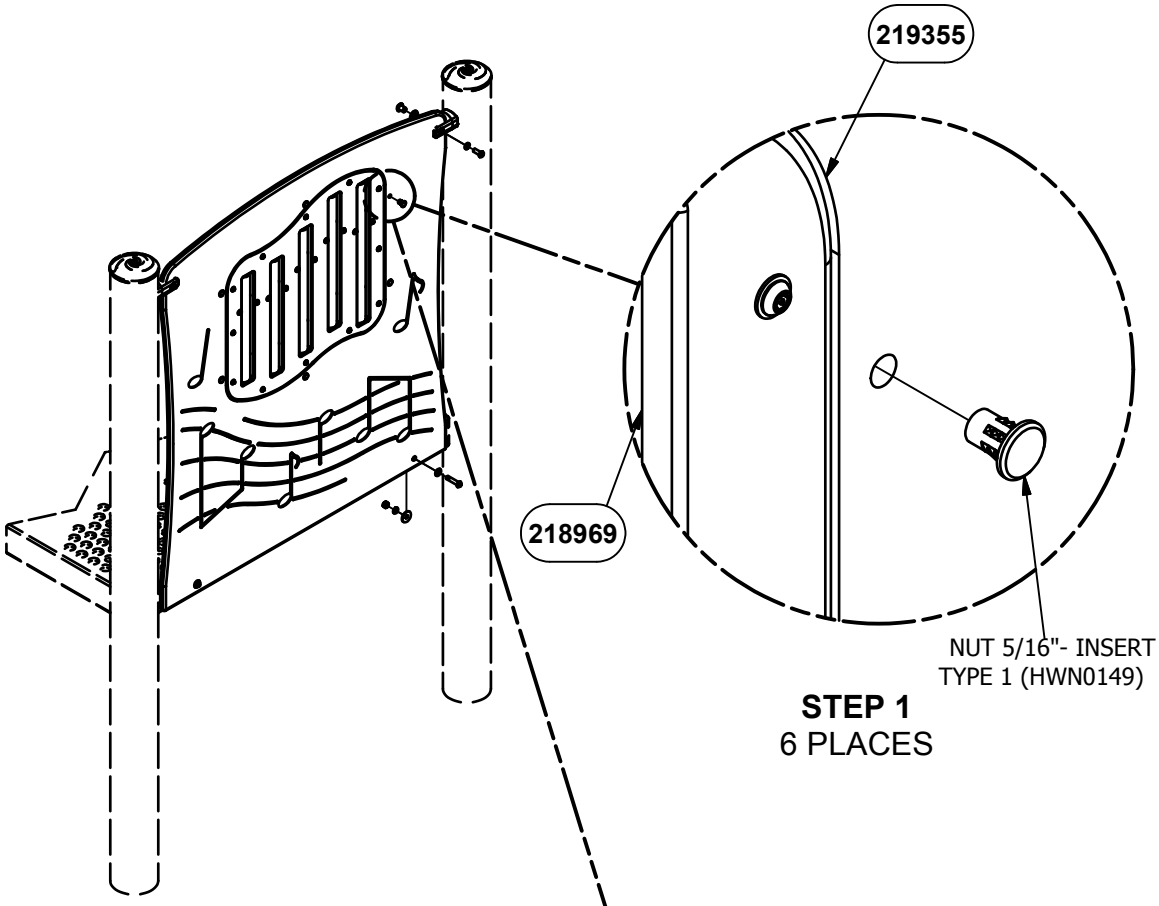
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2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



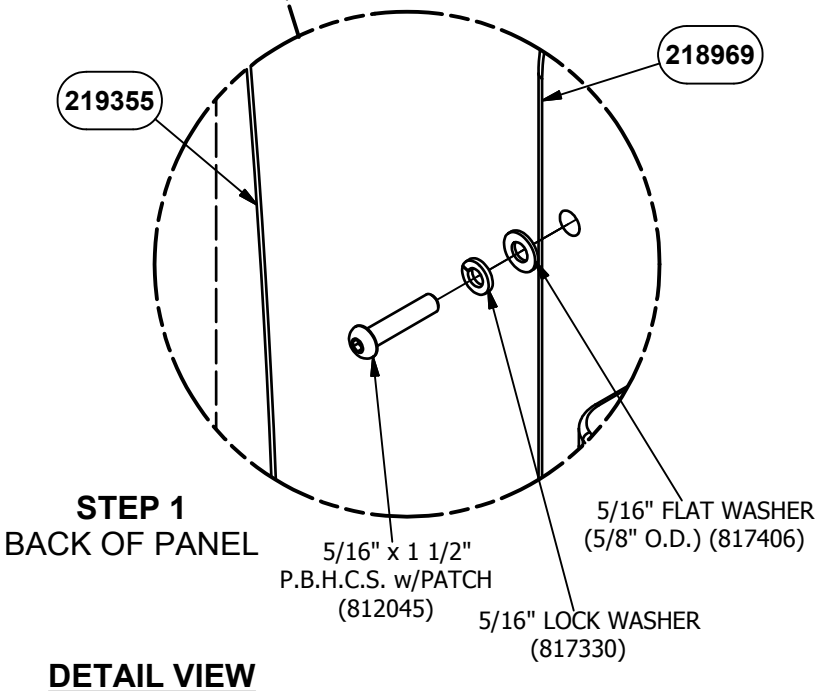
ASSEMBLY VIEW
SHOWN FOR CLARITY



TOP VIEW



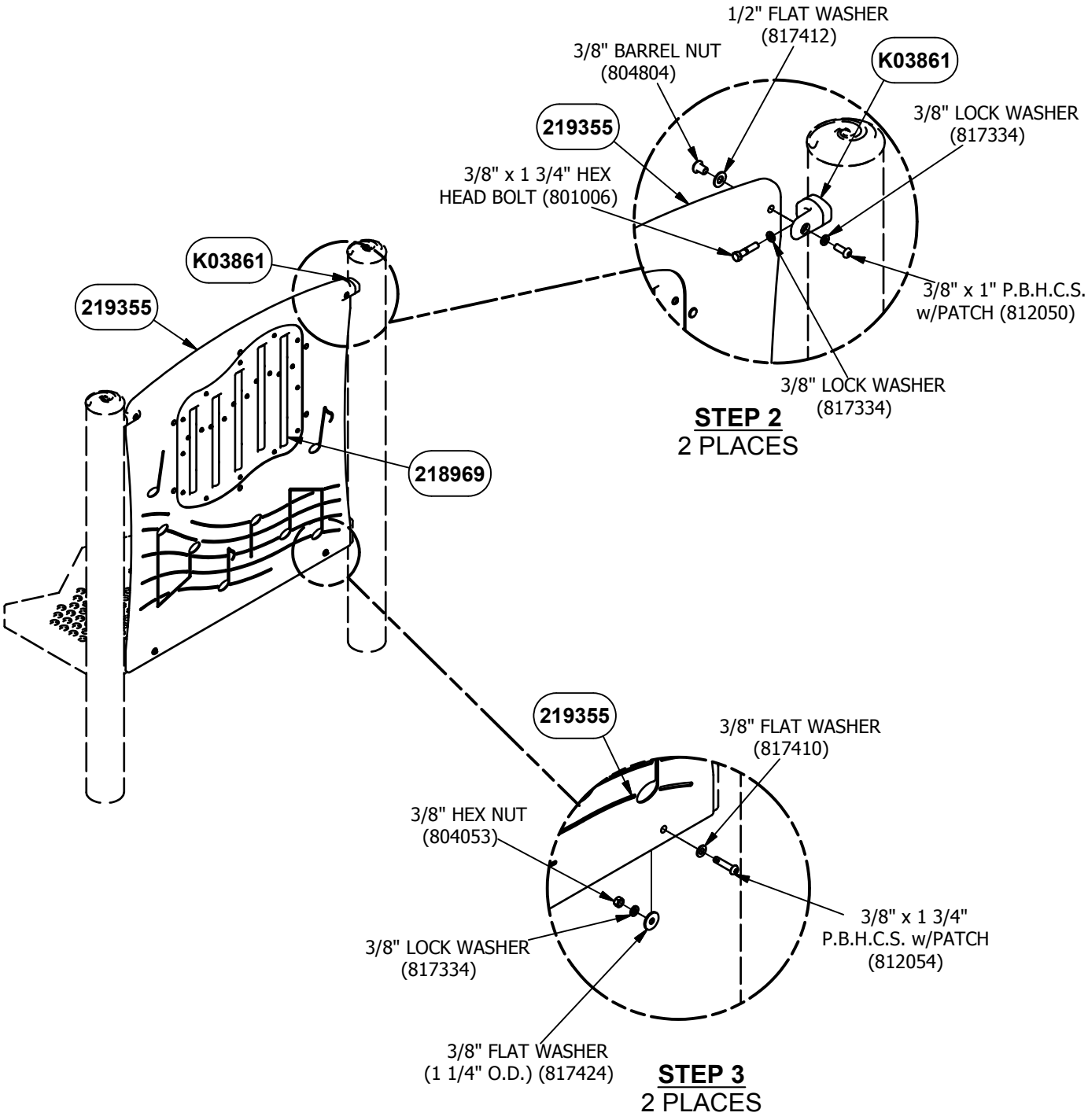
STEP 1
6 PLACES



STEP 1
BACK OF PANEL

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.

Parts List		
DESCRIPTION	QTY	PART NUMBER
METALLOPHONE PANEL	1	219355
METALLOPHONE PANEL INSERT	1	218969
TRU-LOC PANEL ATTACHMENT	2	K03861
HARDWARE COMPLETE	1	219356
3/8" x 1" P.B.H.C.S. w/PATCH	2	812050*
3/8" x 1 3/4" HEX HEAD BOLT	2	801006*
3/8" x 1 3/4" P.B.H.C.S. w/PATCH	2	812054*
3/8" LOCK WASHER	6	817334*
3/8" FLAT WASHER	2	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
3/8" BARREL NUT	2	804804*
3/8" HEX NUT	2	804053*
5/16" x 1 1/2" P.B.H.C.S. w/PATCH	6	812045*
5/16" LOCK WASHER	6	817330*
5/16" FLAT WASHER (5/8" O.D.)	6	817406*
NUT 5/16"- INSERT TYPE 1	6	HWN0149*
1/2" FLAT WASHER	2	817412*

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

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

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

MAINTENANCE PROCEDURE:

- Periodically check hardware for tightness, and tighten as necessary.

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- 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: 7/2/2020

91547
METALLOPHONE PANEL (BELOW DECK)



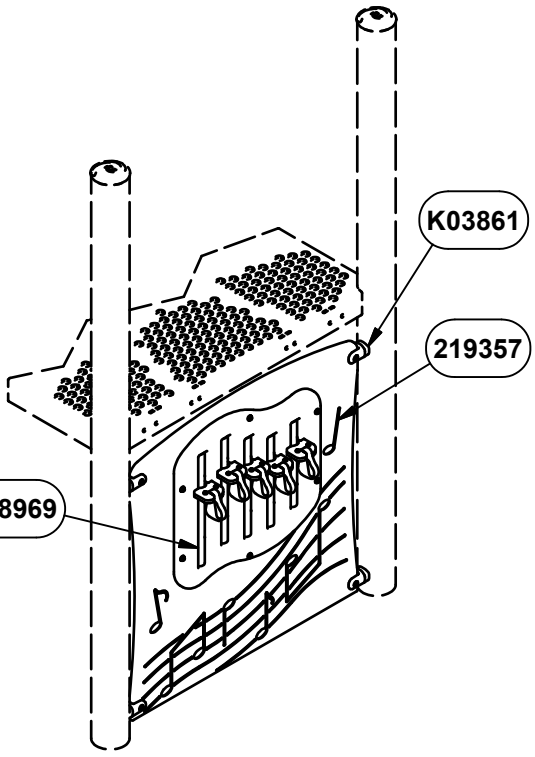
4'-0" TO 5'-0"
DECK HEIGHTS



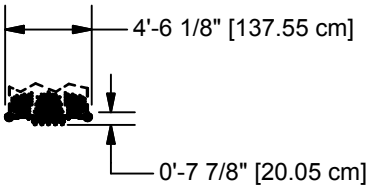
4'-0" TO 8'-0"
DECK HEIGHTS

INSTALLATION INSTRUCTIONS

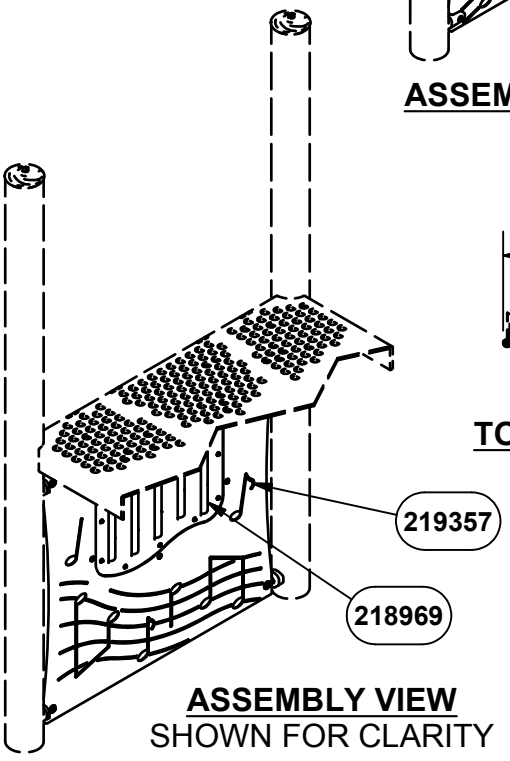
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3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



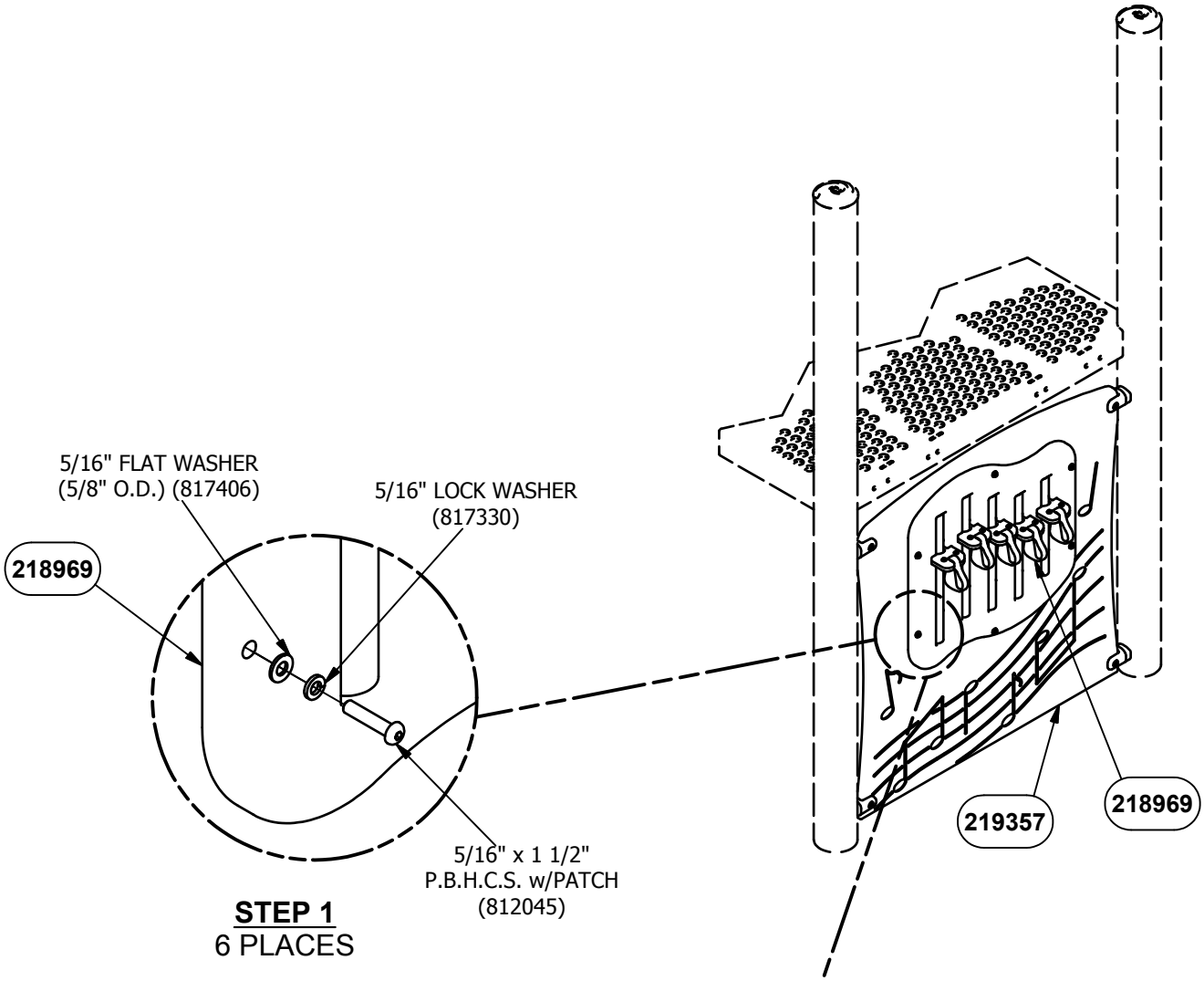
ASSEMBLY VIEW



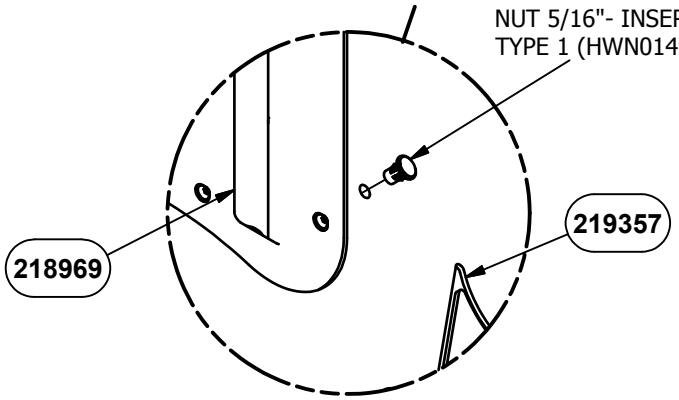
TOP VIEW



ASSEMBLY VIEW
SHOWN FOR CLARITY



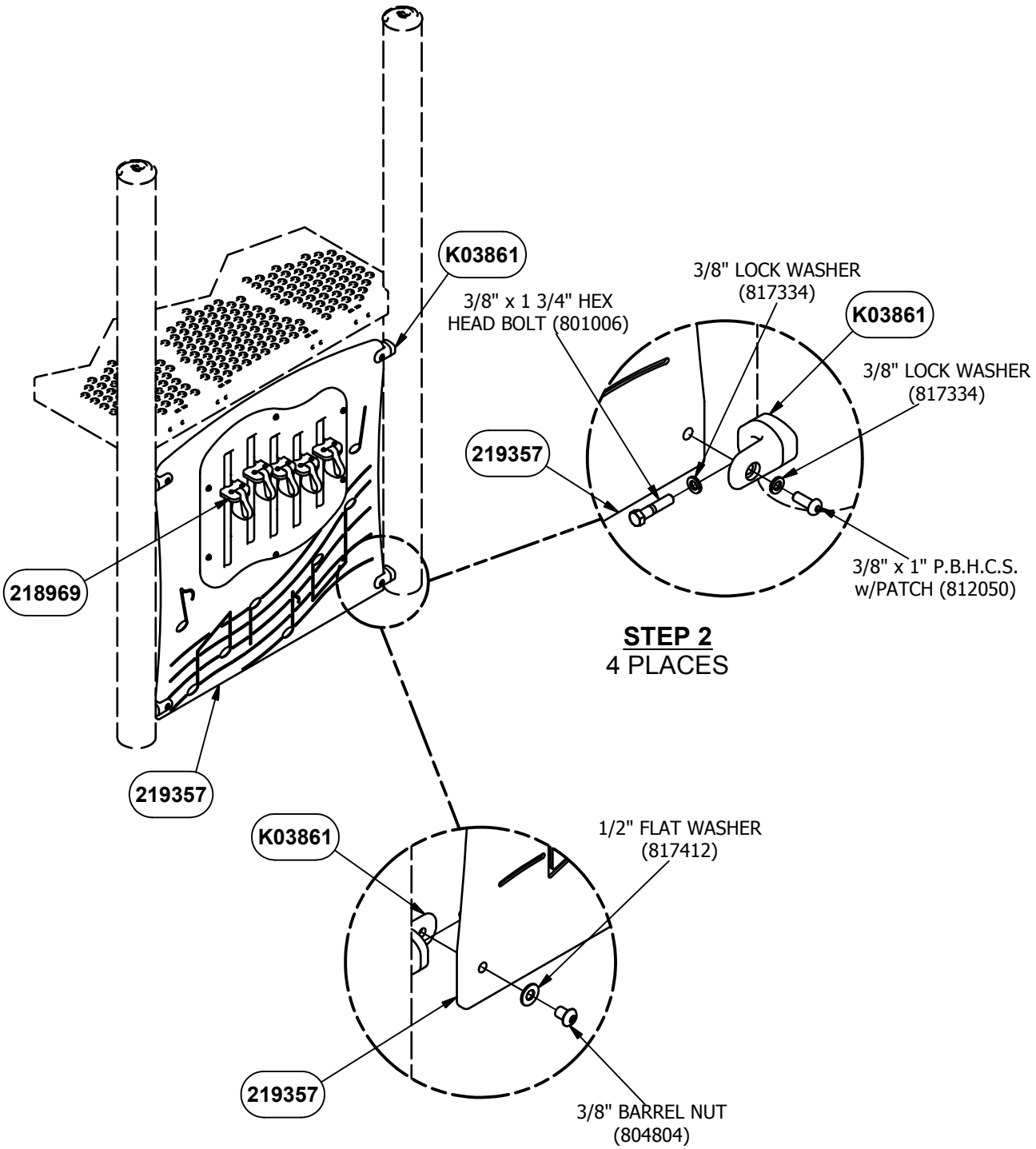
STEP 1
6 PLACES



STEP 1
BACK OF PANEL

DETAIL VIEW

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



STEP 2
4 PLACES

STEP 2
BACK OF PANEL

DETAIL VIEW

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

Parts List		
DESCRIPTION	QTY	PART NUMBER
METALLOPHONE PANEL	1	219357
METALLOPHONE PANEL INSERT	1	218969
TRU-LOC PANEL ATTACHMENT	4	K03861
HARDWARE COMPLETE	1	219362
3/8" x 1" P.B.H.C.S. w/PATCH	4	812050*
3/8" x 1 3/4" HEX HEAD BOLT	4	801006*
3/8" LOCK WASHER	8	817334*
3/8" BARREL NUT	4	804804*
5/16" x 1 1/2" P.B.H.C.S. w/PATCH	6	812045*
5/16" LOCK WASHER	6	817330*
5/16" FLAT WASHER (5/8" O.D.)	6	817406*
NUT 5/16"- INSERT TYPE 1	6	HWN0149*
1/2" FLAT WASHER	4	817412*

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** Included in Hardware*

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PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 4/22/2020

91555

6' RAMP ATTACHMENT

GUARDRAIL 91555
BARRIER 91557

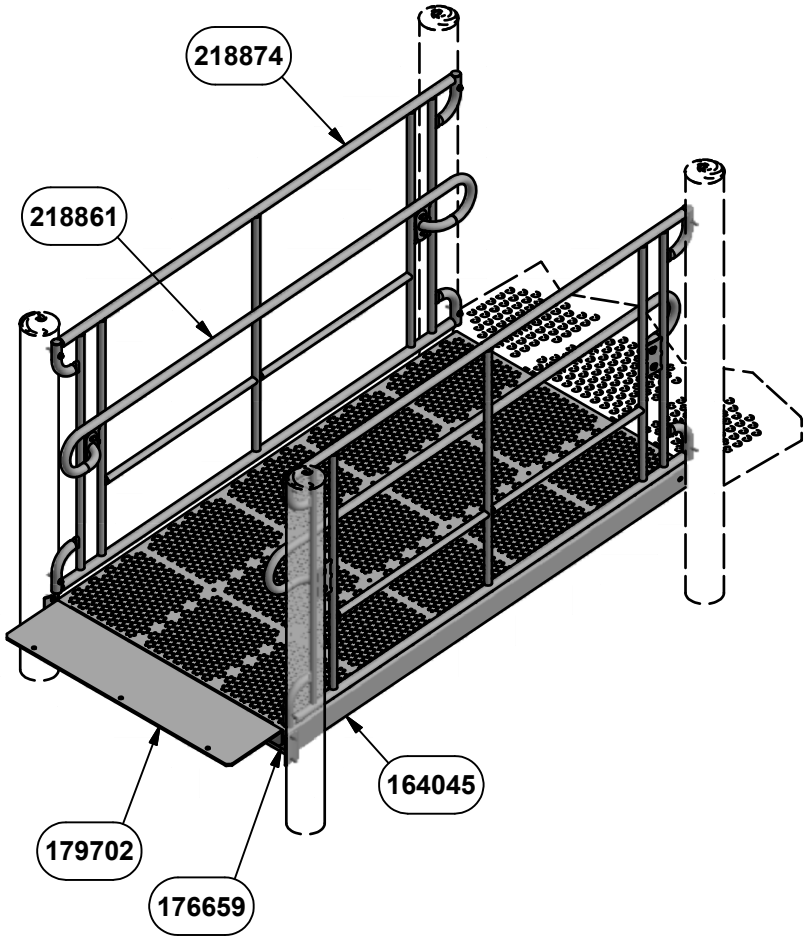


91555
0'-6" THRU 2'-6"
91557
0'-6" THRU 4'-0"



91555
0'-6" THRU 2'-6"
91557
0'-6" THRU 8'-0"

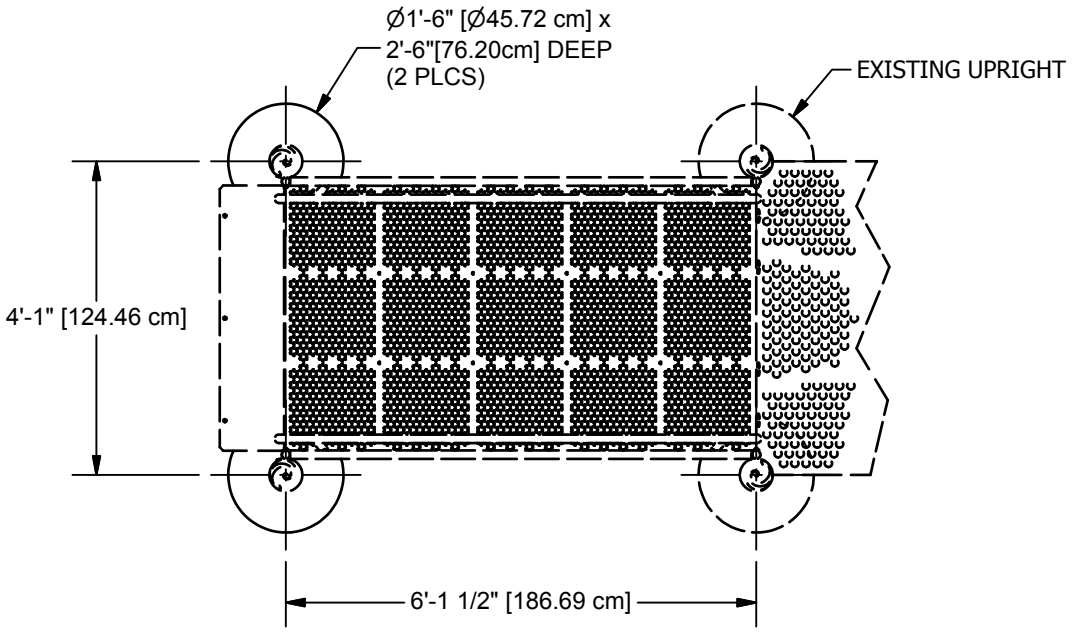
NOTE: USING A DIGITAL LEVEL CHECK THE ANGLE OF RAMP PRIOR TO POURING CONCRETE. THE ANGLE SHALL NOT EXCEED 4.75° (8.3% SLOPE) TO MEET ADA GUIDELINES.



ASSEMBLY DRAWING
91555 SHOWN

INSTALLATION INSTRUCTIONS

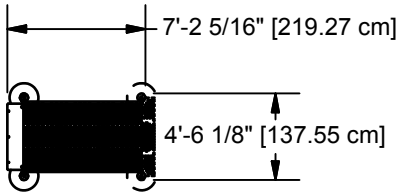
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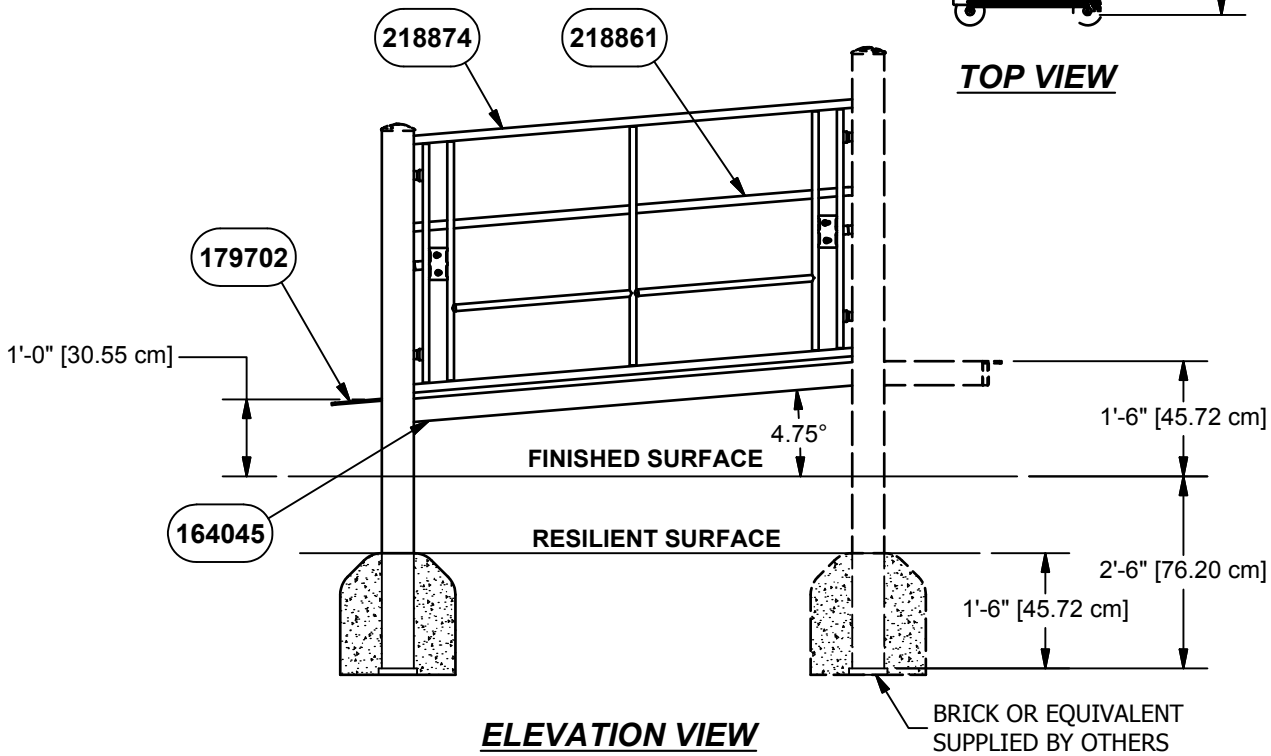
PLAN VIEW

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

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

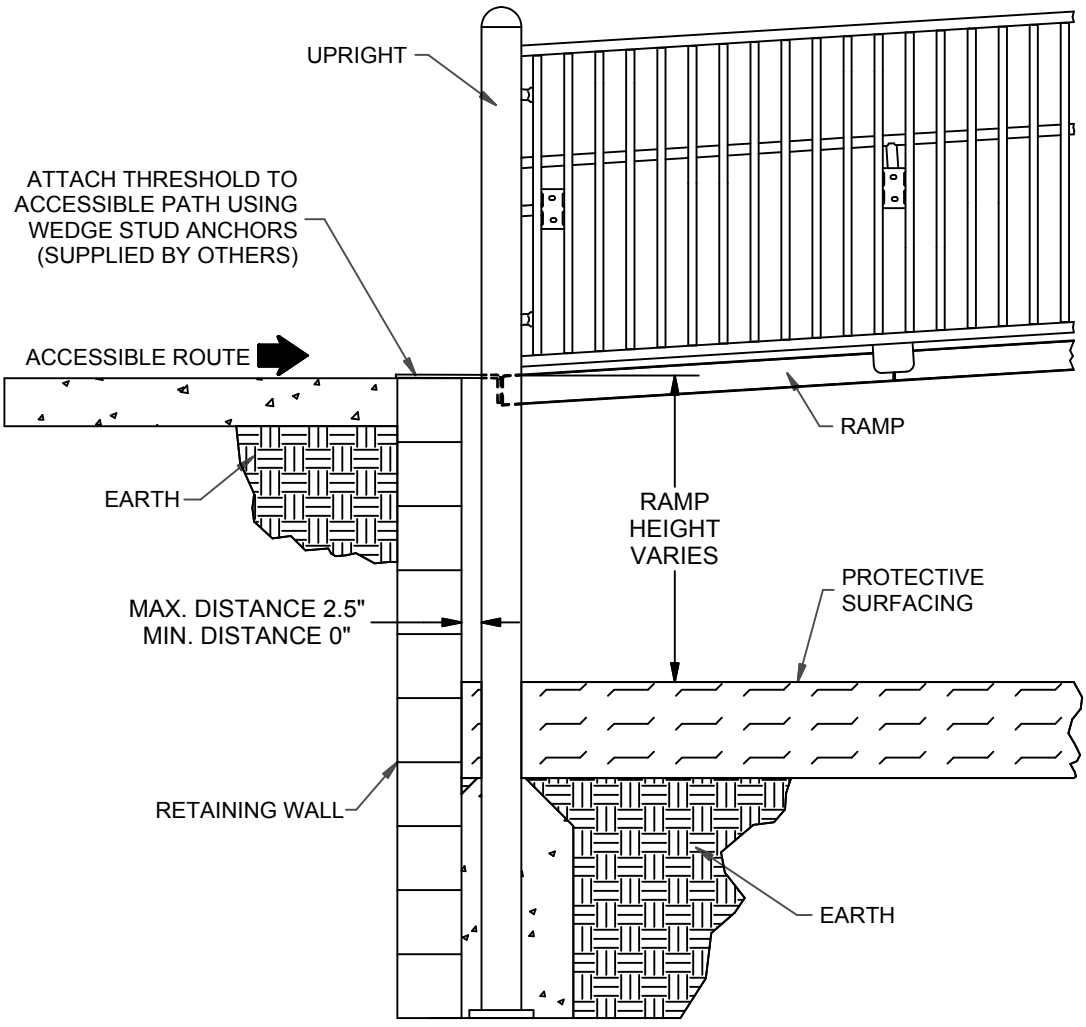


TOP VIEW



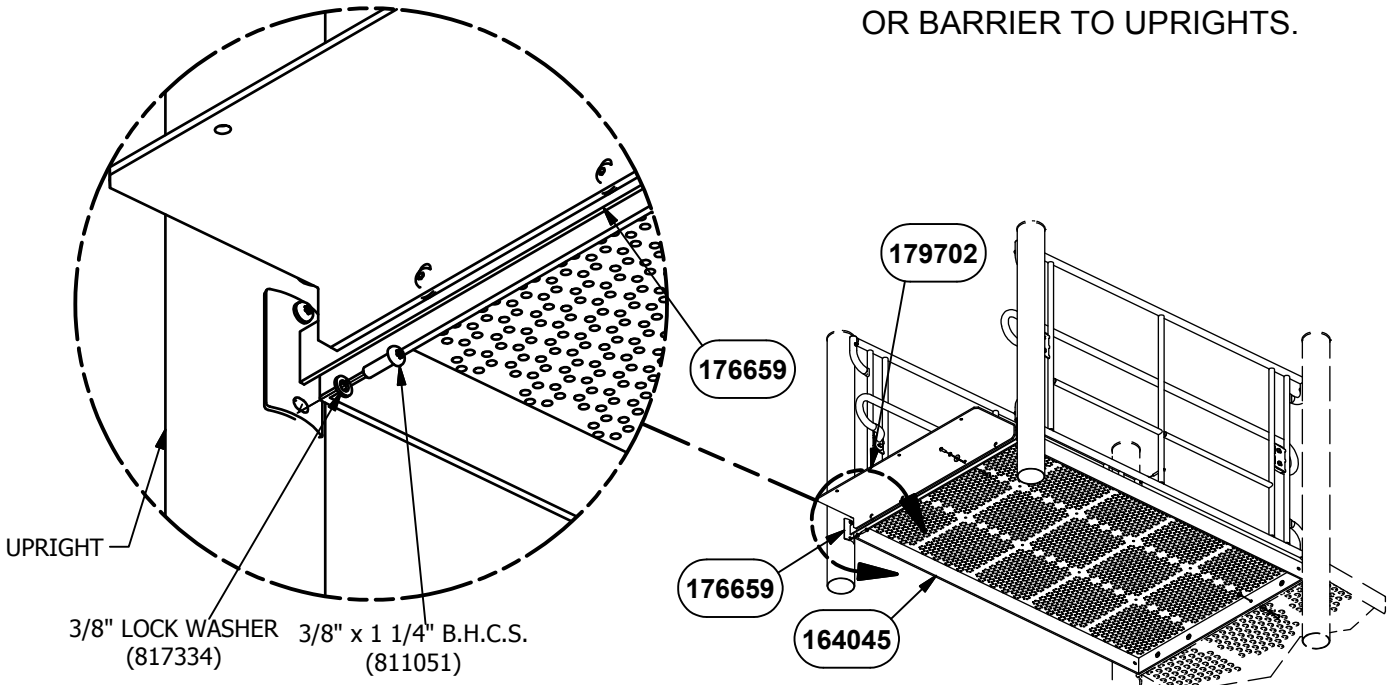
ELEVATION VIEW

NOTE: USING A DIGITAL LEVEL CHECK THE ANGLE OF RAMP PRIOR TO POURING CONCRETE. THE ANGLE SHALL NOT EXCEED 4.75° (8.3% SLOPE) TO MEET ADA GUIDELINES.

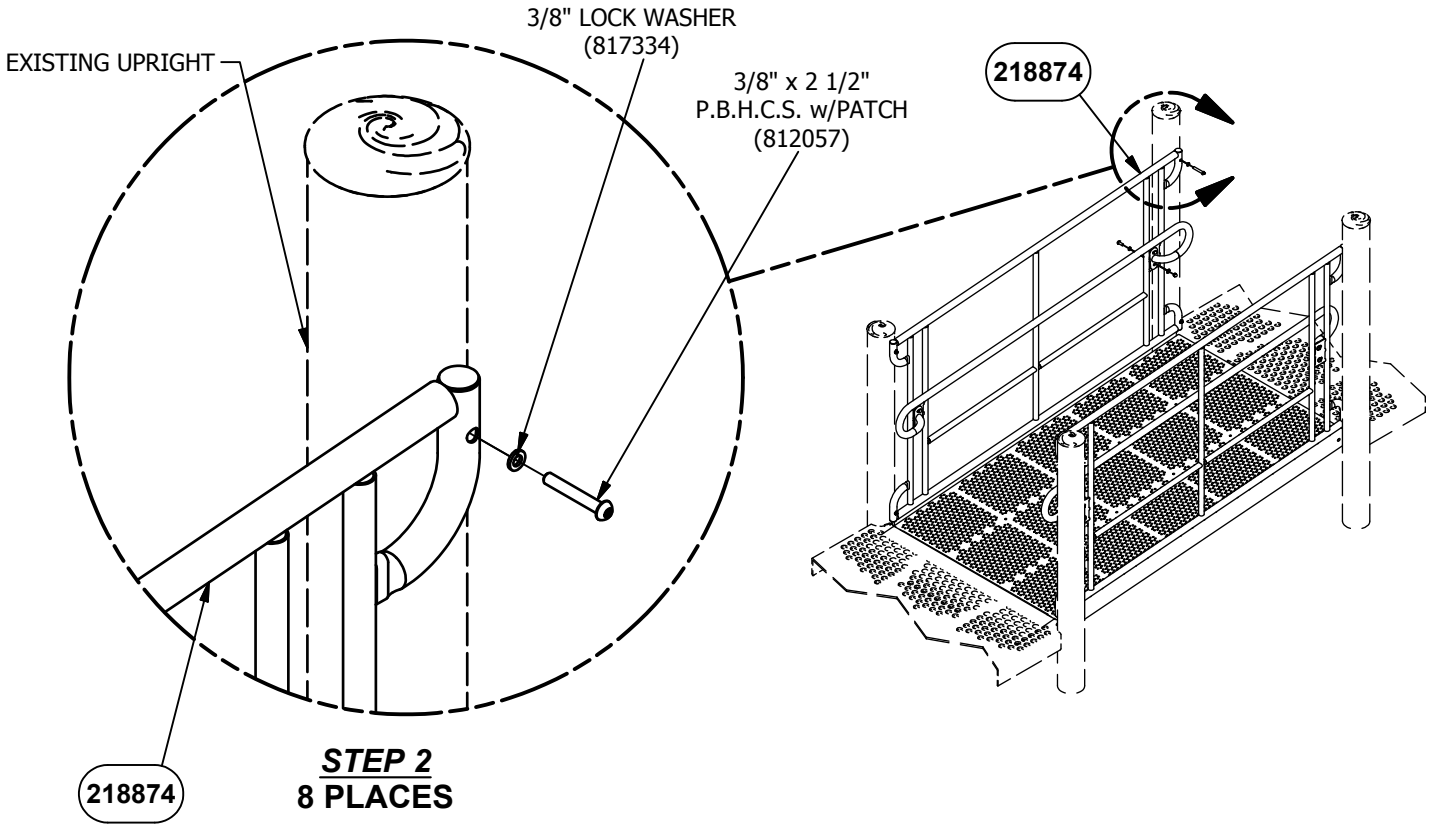


BASIC RETAINING WALL VIEW

ATTACH RAMP SUPPORT TO UPRIGHTS. ATTACH GUARDRAIL OR BARRIER TO UPRIGHTS.



STEP 1
4 PLACES



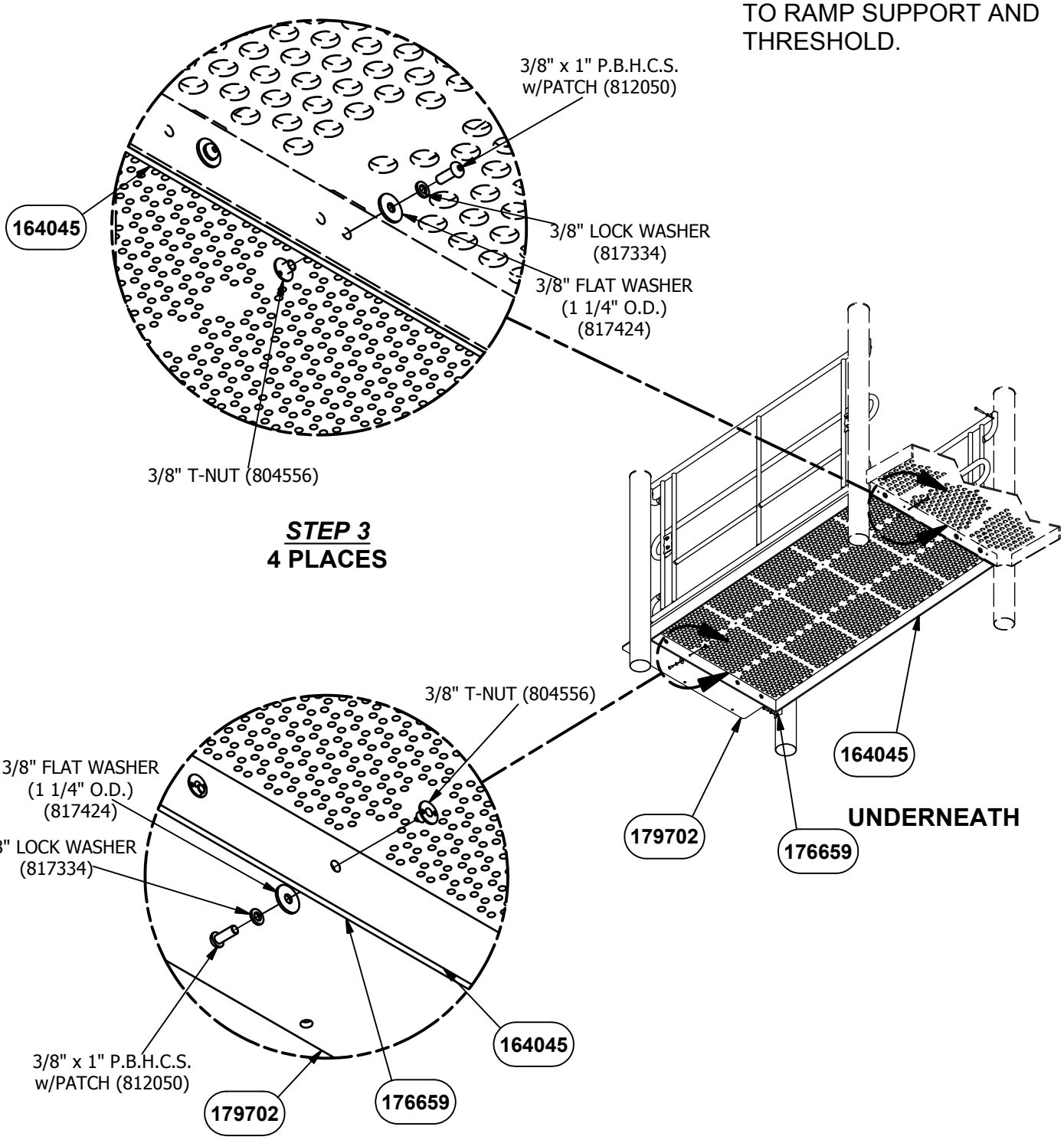
STEP 2
8 PLACES

DETAIL VIEW

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

NOTE: ALL DETAILS ARE THE SAME FOR 91557.

ATTACH RAMP SECTION TO EXISTING DECK.
ATTACH RAMP SECTION TO RAMP SUPPORT AND THRESHOLD.



STEP 3
4 PLACES

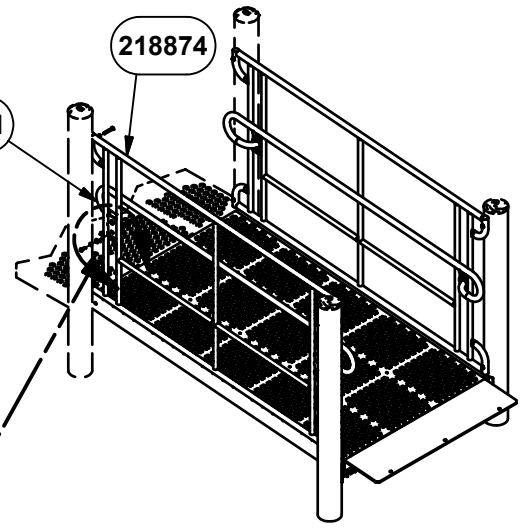
STEP 4
4 PLACES

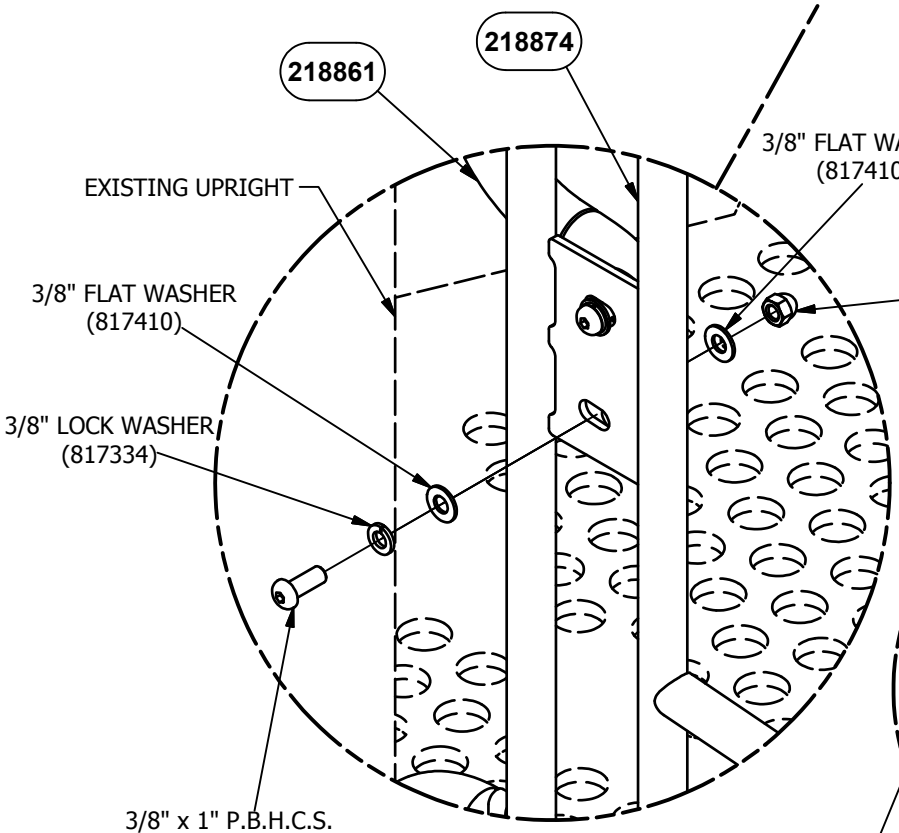
DETAIL VIEW

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

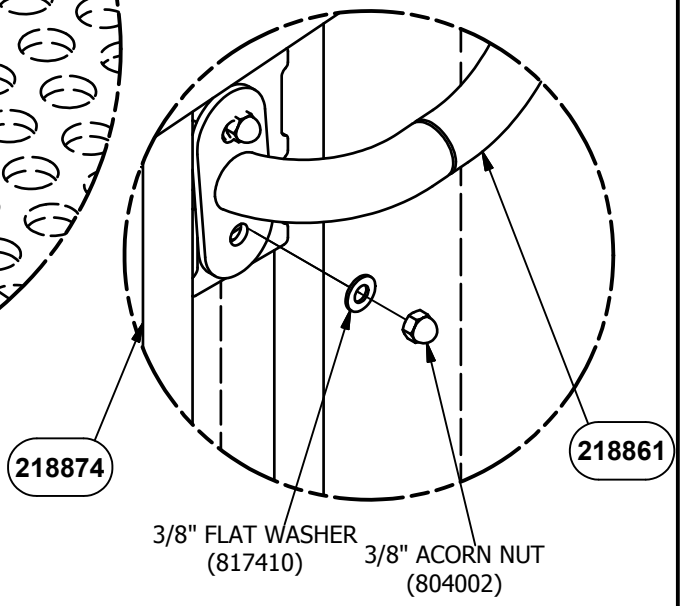
NOTE: ALL DETAILS ARE THE SAME FOR 91557.

ATTACH GRABRAIL TO GUARDRAIL OR BARRIER.





STEP 5
8 PLACES



STEP 5
INTERIOR VIEW

DETAIL VIEW

NOTE: ALL DETAILS ARE THE SAME FOR 91557.

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

Parts List			
DESCRIPTION	91555	91557	PART NUMBER
BARRIER PANEL WELD ASSEMBLY	0	2	218864
GUARDRAIL PANEL WELD ASSEMBLY	2	0	218874
GRAB RAIL WELD ASSEMBLY	2	2	218861
RAMP SECTION	1	1	164045
RAMP SUPPORT	1	1	176659
THRESHOLD	1	1	179702
HARDWARE COMPLETE	1	1	218912
3/8" x 1" P.B.H.C.S. w/PATCH	16	16	812050*
3/8" x 1 1/4" B.H.C.S.	4	4	811051*
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	8	8	812057*
3/8" LOCK WASHER	28	28	817334*
3/8" FLAT WASHER	16	16	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	8	8	817424*
3/8" ACORN NUT	8	8	804002*
3/8" T-NUT	8	8	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.

PowerScape

GameTime
A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 4/20/2020

91556

6' RAMP LINK

GUARDRAIL 91556
BARRIER 91558

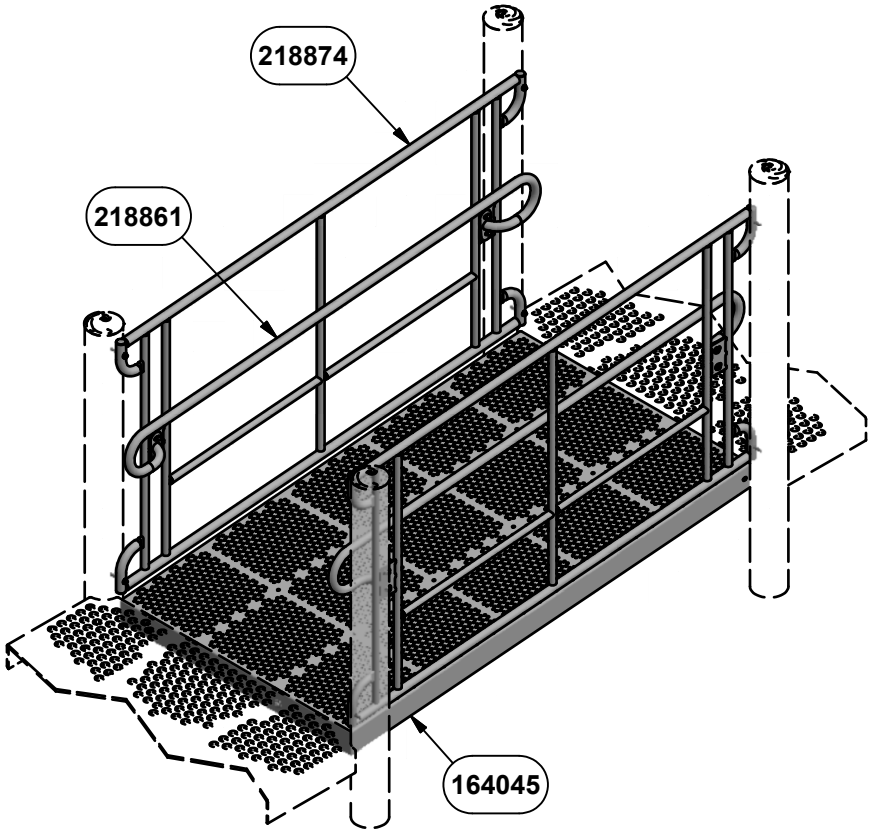


91556
0'-6" THRU 2'-6"
91558
0'-6" THRU 5'-0"

NOTE: USING A DIGITAL LEVEL CHECK THE ANGLE OF RAMP PRIOR TO POURING CONCRETE. THE ANGLE SHALL NOT EXCEED 4.75° (8.3% SLOPE) TO MEET ADA GUIDELINES.



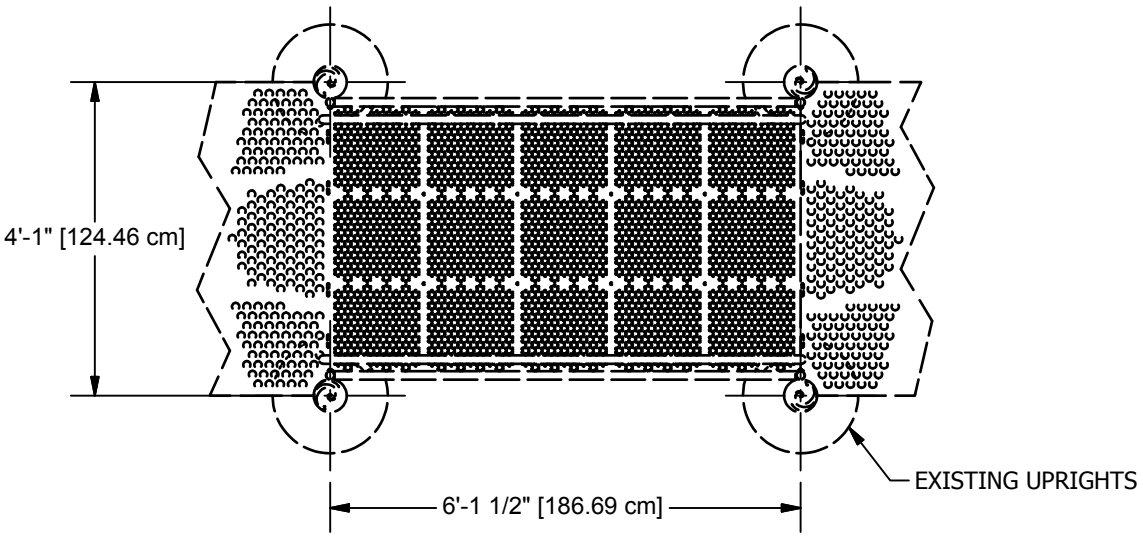
91556
0'-6" THRU 2'-6"
91558
0'-6" THRU 8'-0"



ASSEMBLY DRAWING
91556 SHOWN

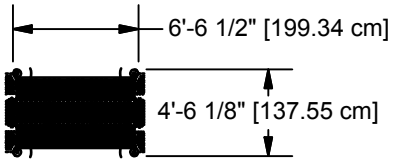
INSTALLATION INSTRUCTIONS

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.

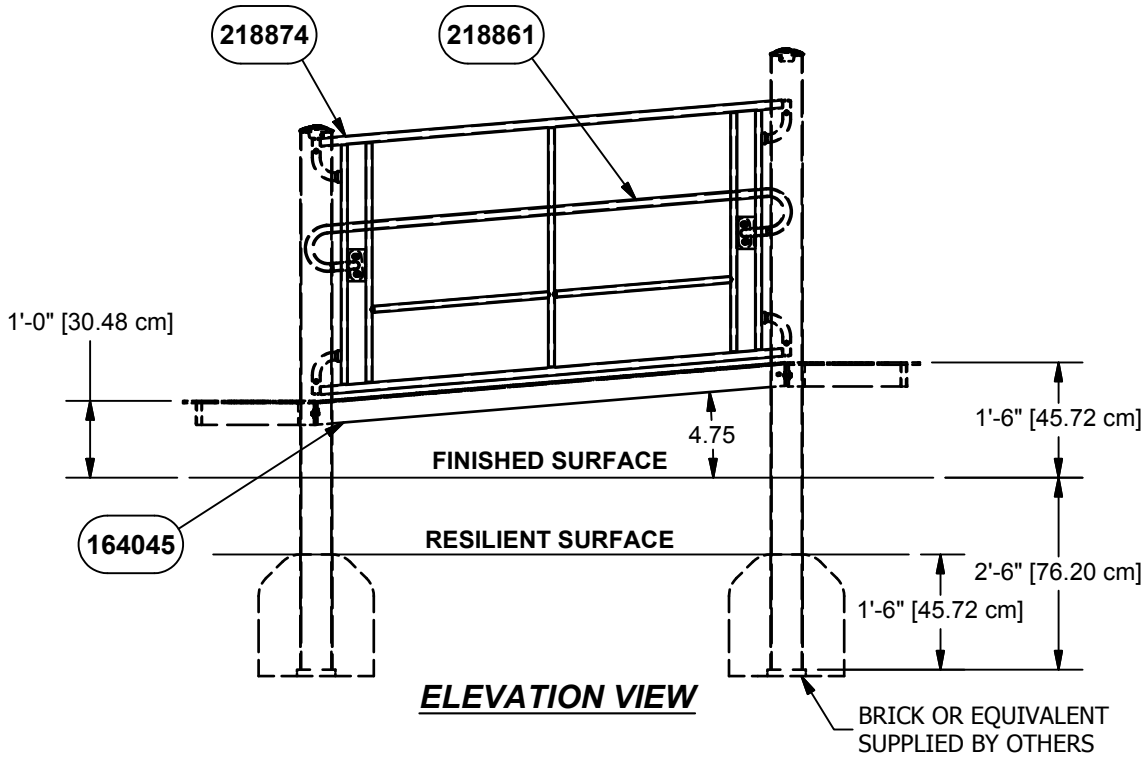


PLAN VIEW

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

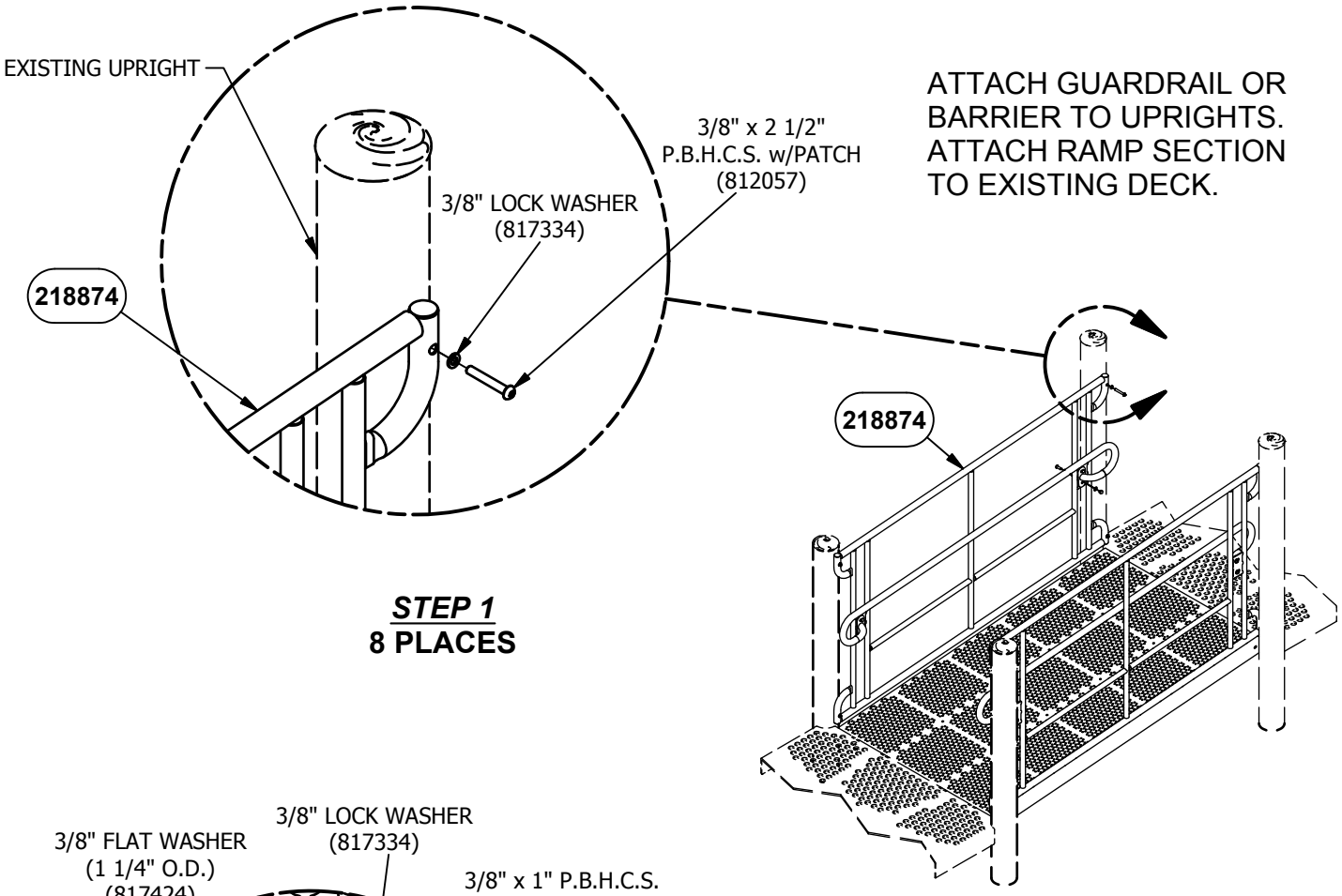


TOP VIEW



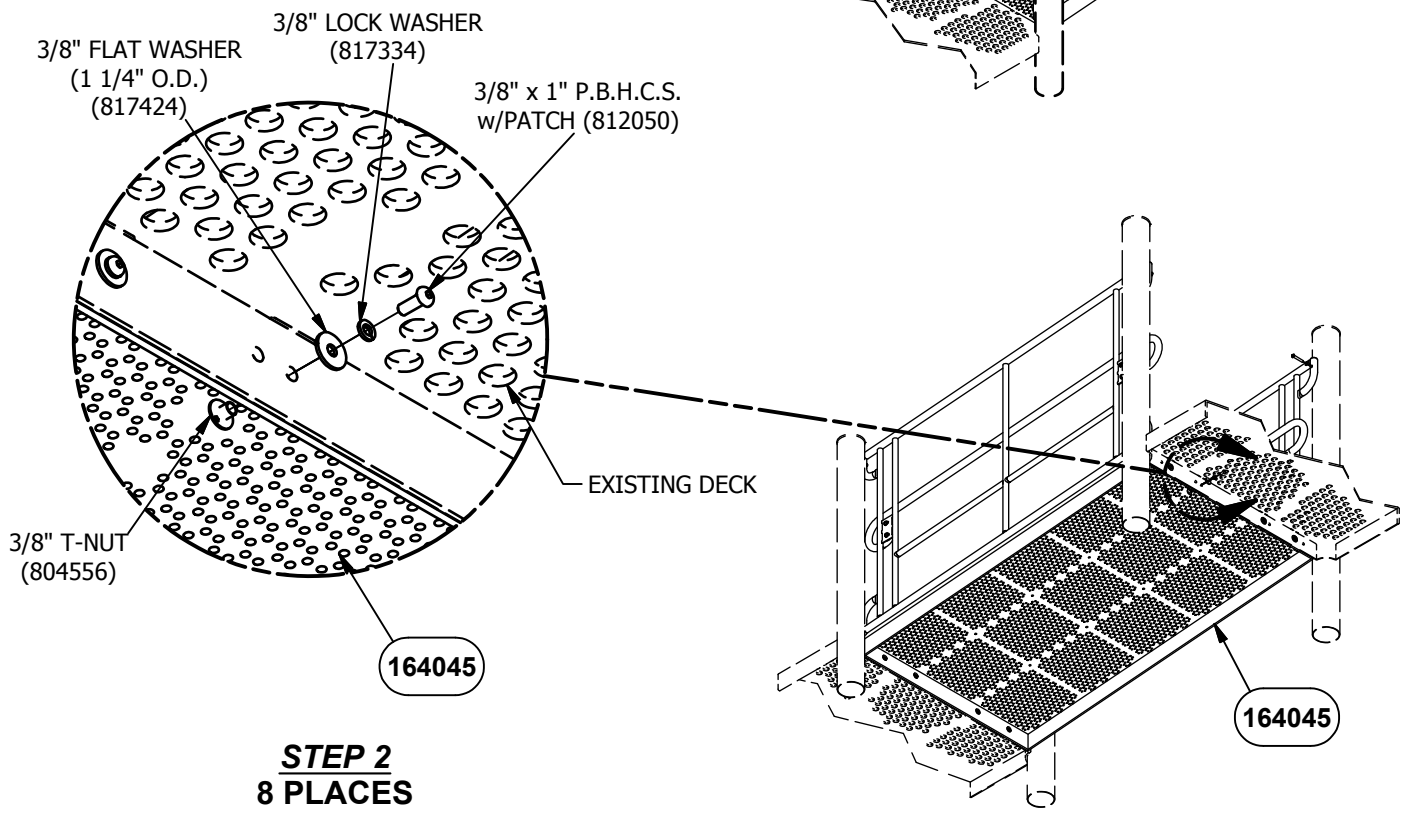
ELEVATION VIEW

NOTE: USING A DIGITAL LEVEL CHECK THE ANGLE OF RAMP PRIOR TO POURING CONCRETE. THE ANGLE SHALL NOT EXCEED 4.75° (8.3% SLOPE) TO MEET ADA GUIDELINES.



ATTACH GUARDRAIL OR BARRIER TO UPRIGHTS. ATTACH RAMP SECTION TO EXISTING DECK.

STEP 1
8 PLACES



STEP 2
8 PLACES

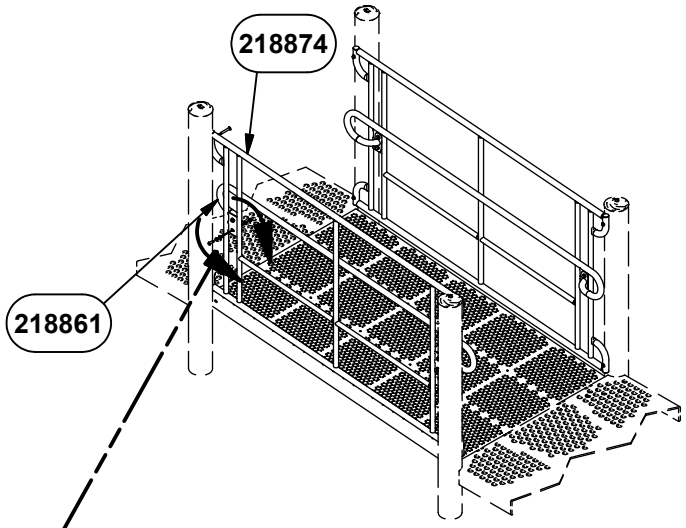
UNDERNEATH

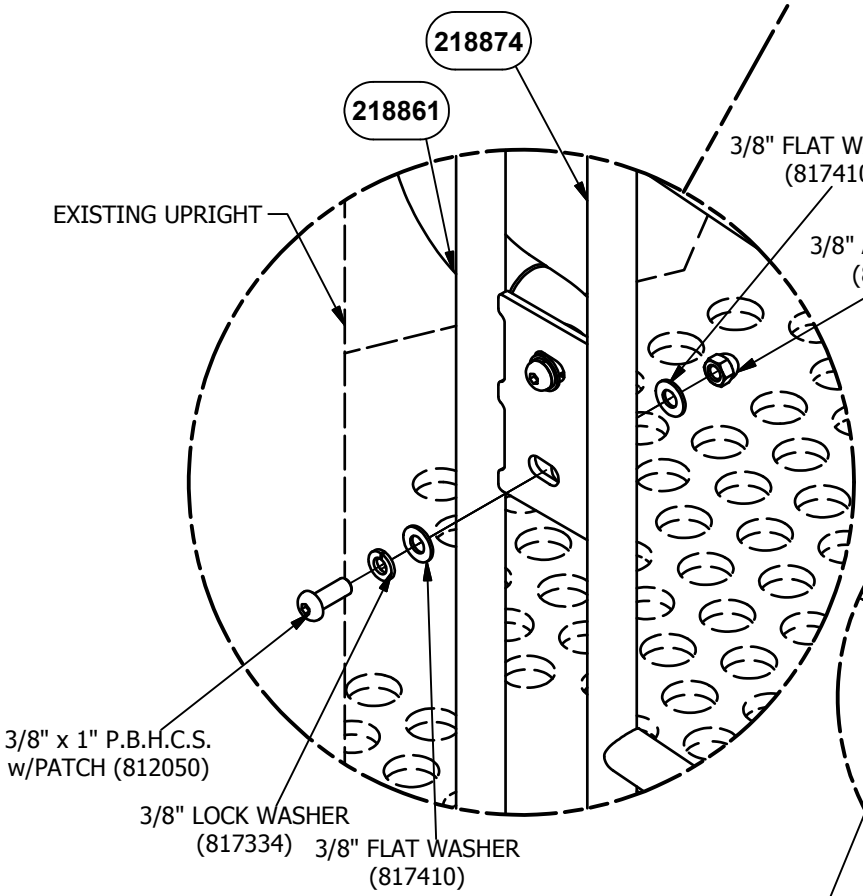
DETAIL VIEW

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

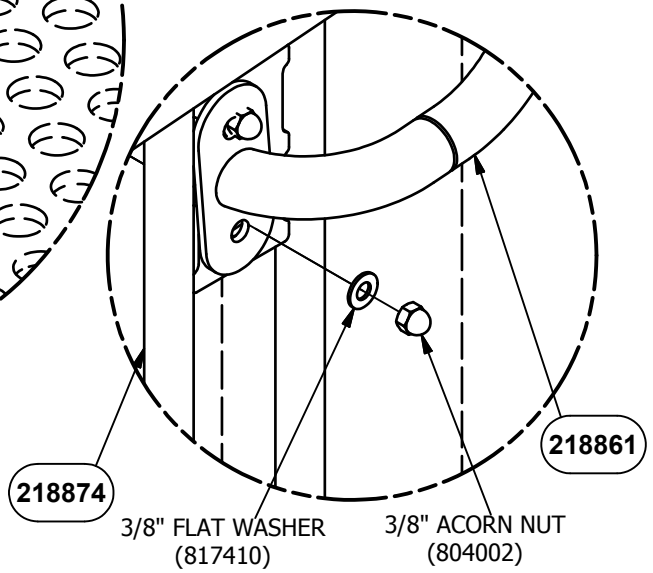
NOTE: ALL DETAILS ARE THE SAME FOR 91558.

ATTACH GRABRAIL TO GUARDRAIL OR BARRIER.





STEP 3
8 PLACES



STEP 3
INTERIOR VIEW

NOTE: ALL DETAILS ARE THE SAME FOR 91558.

DETAIL VIEW

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

Parts List			
DESCRIPTION	91556	91558	PART NUMBER
GUARDRAIL PANEL WELD ASSEMBLY	2	0	218874
BARRIER PANEL WELD ASSEMBLY	0	2	218864
GRAB RAIL WELD ASSEMBLY	2	2	218861
RAMP SECTION	1	1	164045
HARDWARE COMPLETE	1	1	218900
3/8" x 1" P.B.H.C.S. w/PATCH	16	16	812050*
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	8	8	812057*
3/8" LOCK WASHER	24	24	817334*
3/8" FLAT WASHER	16	16	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	8	8	817424*
3/8" ACORN NUT	8	8	804002*
3/8" T-NUT	8	8	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.

PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 5/16/2024

91563

FLOWER SPINNER HALF PANEL

FLOWER SPINNER HALF PANEL	**91563**
FACE CREATOR HALF PANEL	**91566**
APPLE TREE HALF PANEL	**91569**
ANSWER BALL HALF PANEL	**91572**



UP TO 2'-6"
DECK HEIGHTS



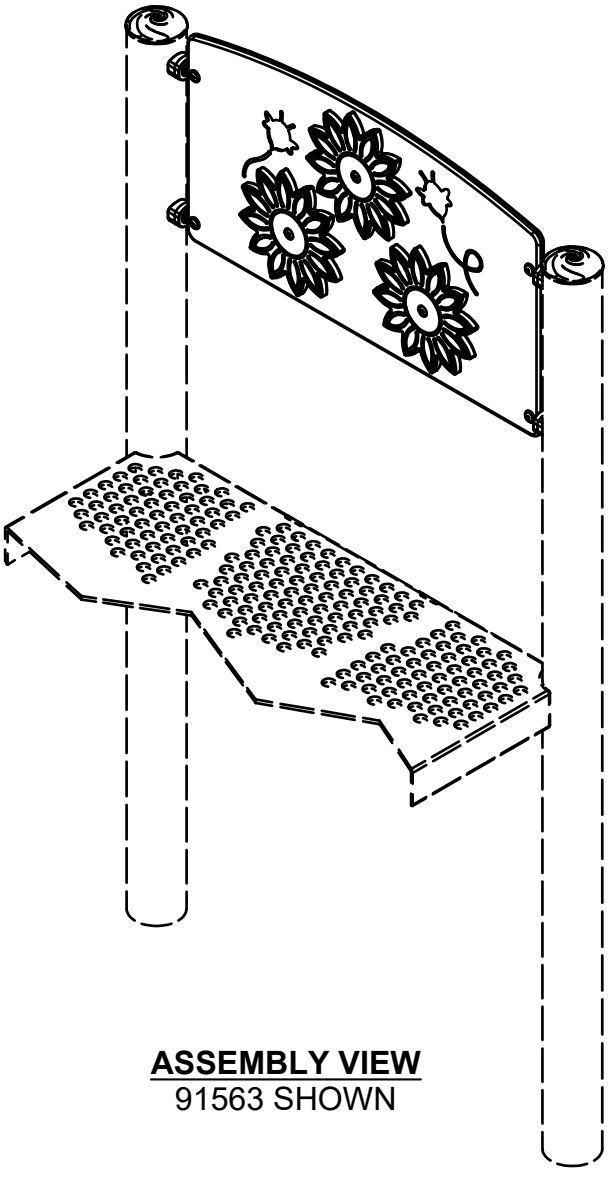
UP TO 4'-0"
DECK HEIGHTS

INSTALLATION INSTRUCTIONS

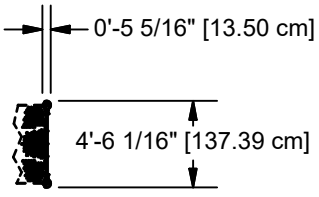
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as show in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.

3.ALL NON-PATCHED HARDWARE REQUIRES LOCTITE (SUPPLIED BY OTHERS.)

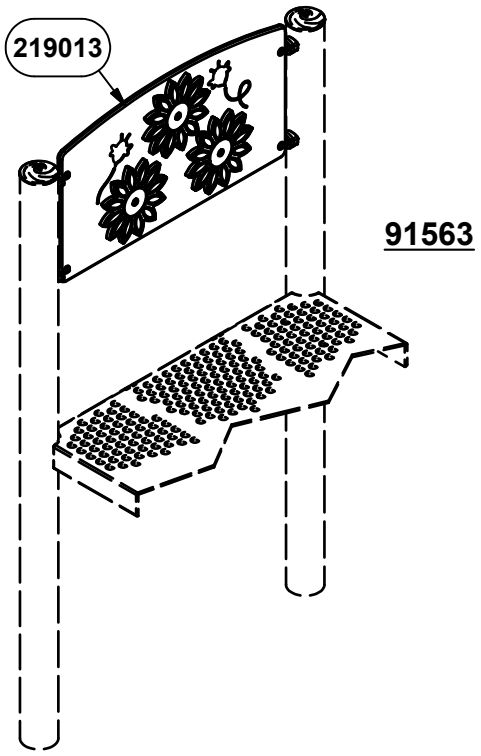
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



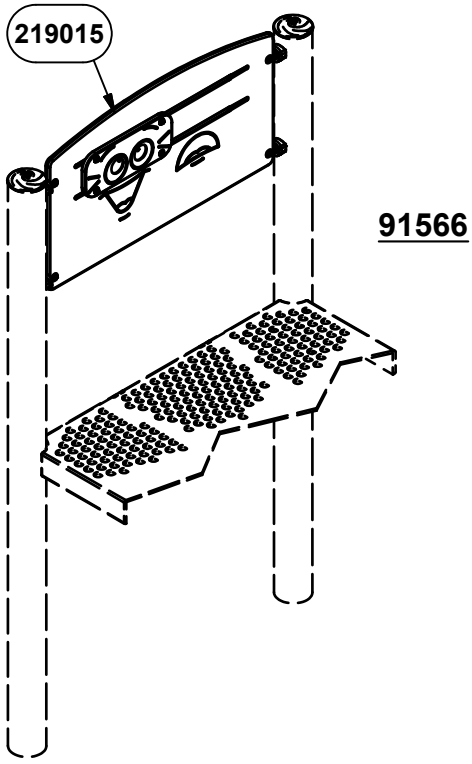
ASSEMBLY VIEW
91563 SHOWN



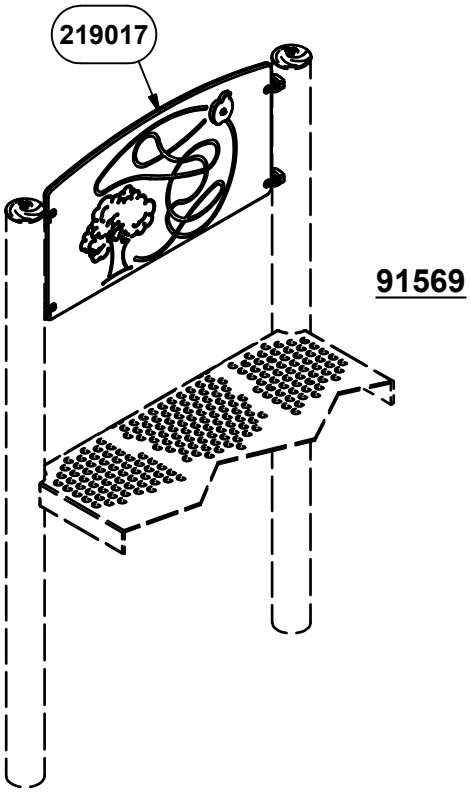
TOP VIEW



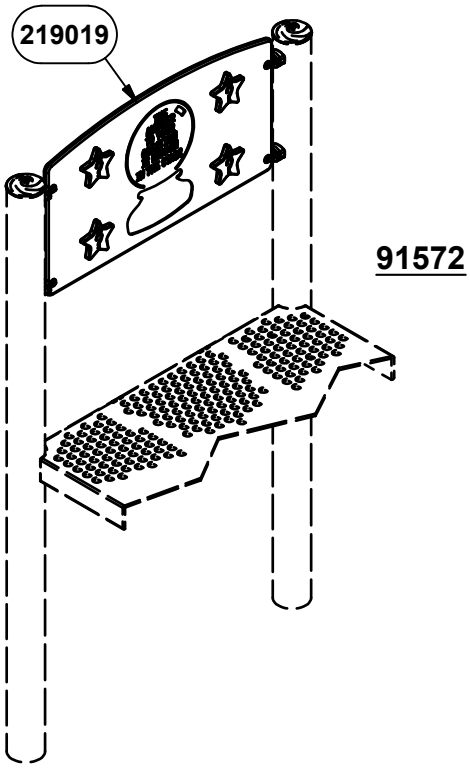
91563



91566



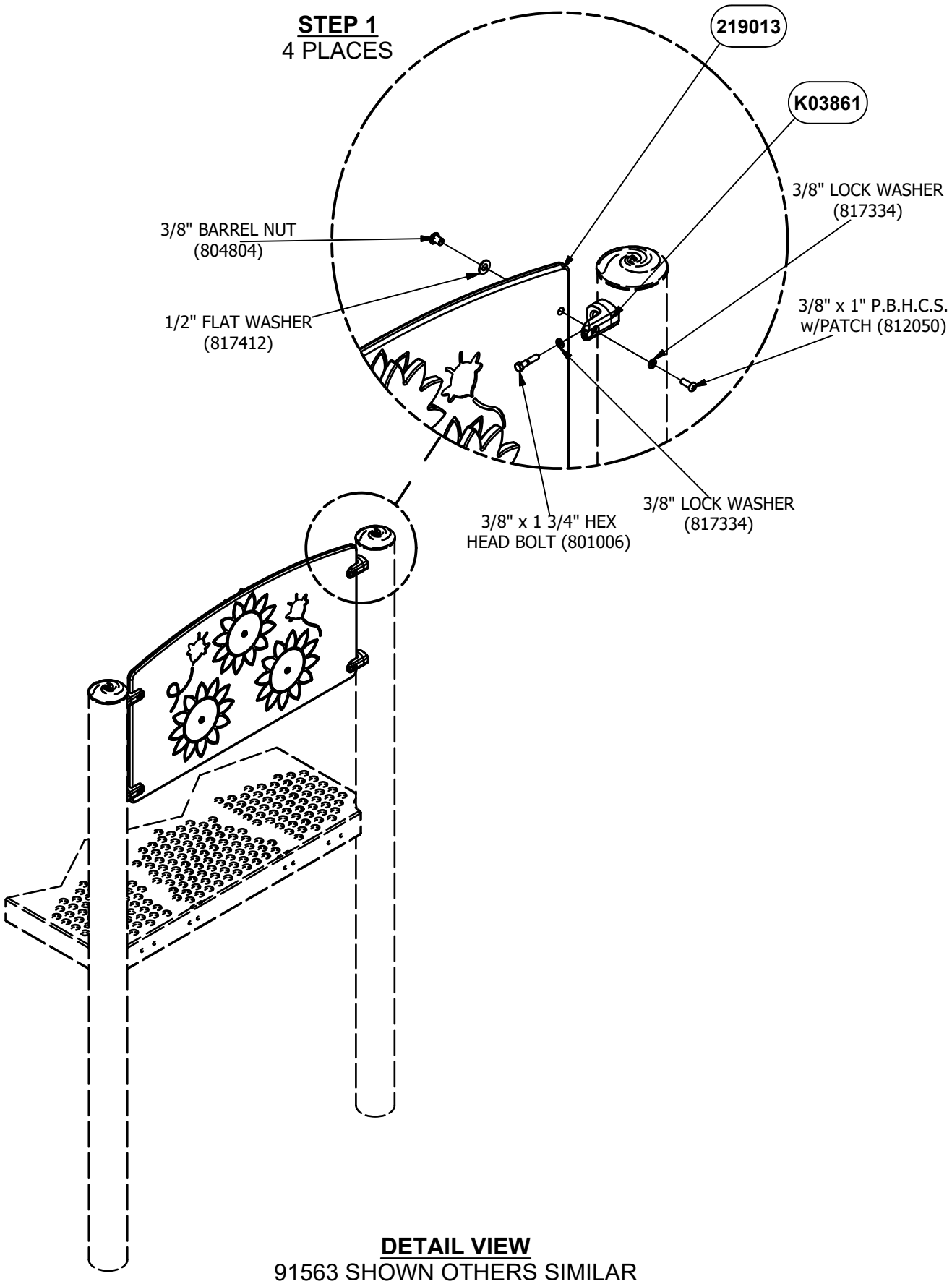
91569



91572

ASSEMBLY VIEW

STEP 1
4 PLACES



DETAIL VIEW
91563 SHOWN OTHERS SIMILAR

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

Parts List					
DESCRIPTION	91563	91566	91569	91572	PART NUMBER
FLOWER SPINNER HALF PANEL ASSEMBLY	1	0	0	0	219013
FACE CREATOR HALF PANEL ASSEMBLY	0	1	0	0	219015
APPLE TREE HALF PANEL ASSEMBLY	0	0	1	0	219017
ANSWER BALL HALF PANEL ASSEMBLY	0	0	0	1	219019
TRU-LOC PANEL ATTACHMENT	4	4	4	4	K03861
HARDWARE COMPLETE	1	1	1	1	218986
3/8" x 1" P.B.H.C.S. w/PATCH	4	4	4	4	812050*
3/8" x 1 3/4" HEX HEAD BOLT	4	4	4	4	801006*
3/8" LOCK WASHER	8	8	8	8	817334*
3/8" BARREL NUT	4	4	4	4	804804*
1/2" FLAT WASHER	4	4	4	4	817412*

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

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.

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: 5/14/2020

91577

AUTOMOTIVE RACE HALF PANEL

AUTOMOTIVE RACE HALF PANEL 91577
ANIMAL RACE HALF PANEL 91580
SPACE RACE HALF PANEL 91583



UP TO 2'-6"
DECK HEIGHTS



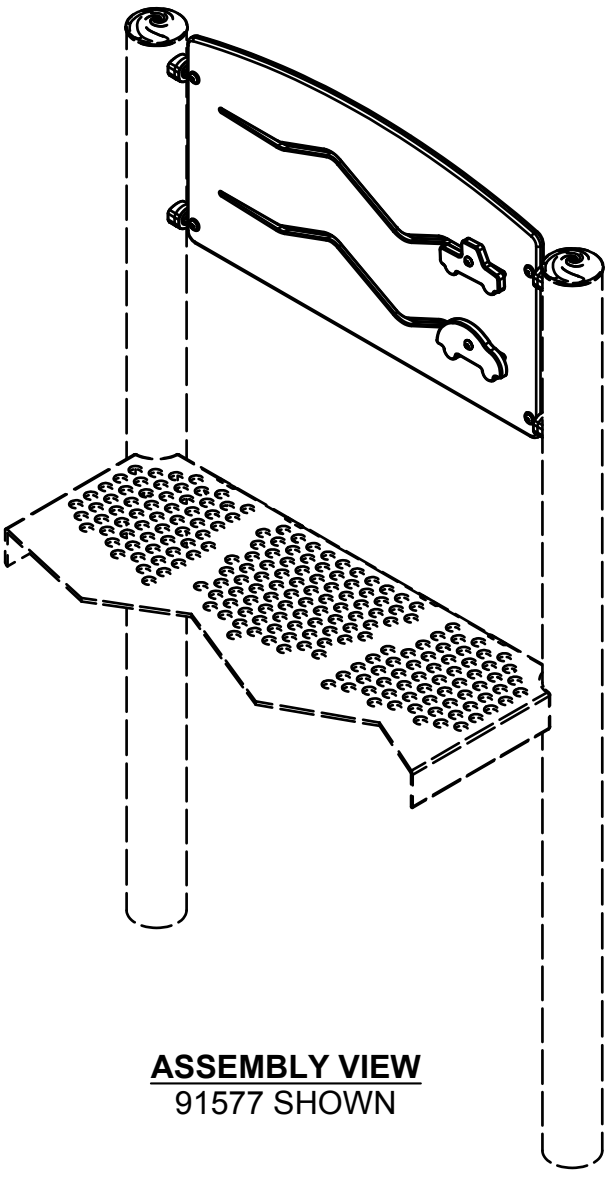
UP TO 4'-0"
DECK HEIGHTS

INSTALLATION INSTRUCTIONS

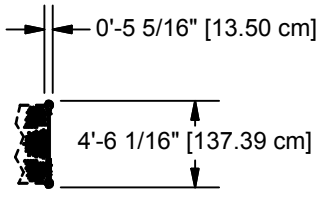
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as show in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.

3.ALL NON-PATCHED HARDWARE REQUIRES LOCTITE (SUPPLIED BY OTHERS.)

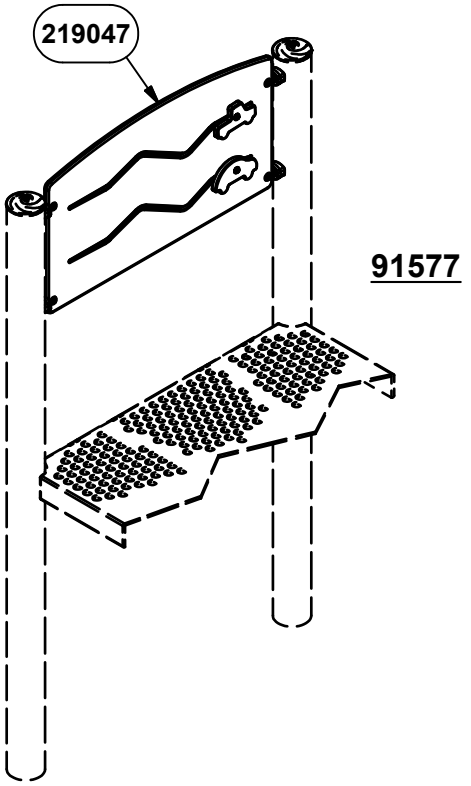
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



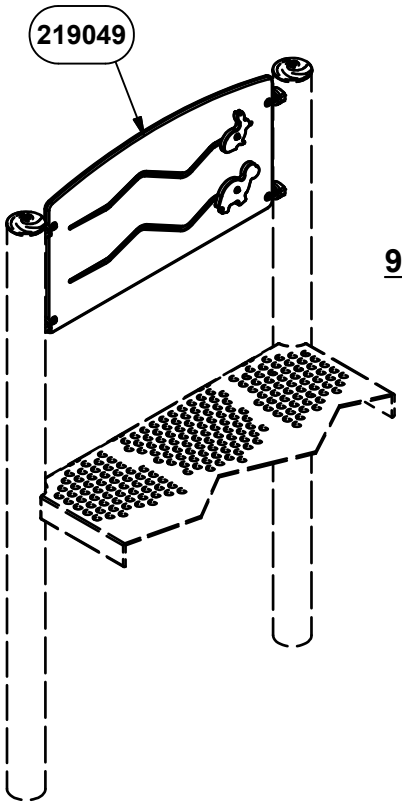
ASSEMBLY VIEW
91577 SHOWN



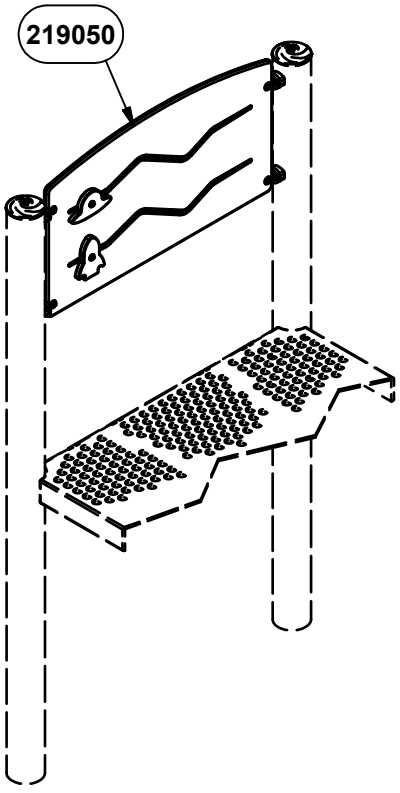
TOP VIEW



91577



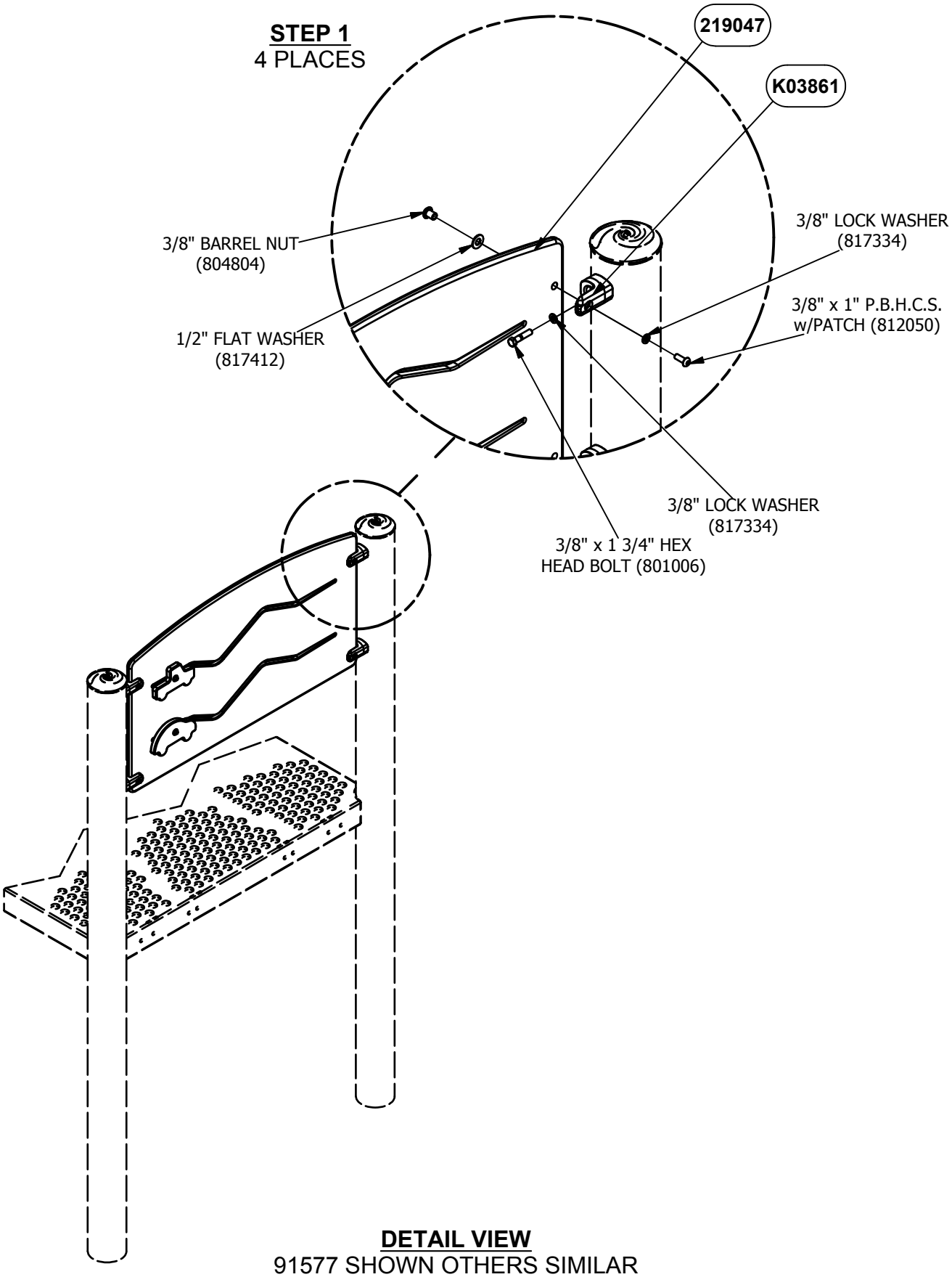
91580



91583

ASSEMBLY VIEW

STEP 1
4 PLACES



DETAIL VIEW
91577 SHOWN OTHERS SIMILAR

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

Parts List				
DESCRIPTION	91577	91580	91583	PART NUMBER
AUTOMOTIVE RACE HALF PANEL ASSEMBLY	1	0	0	219047
ANIMAL RACE HALF PANEL ASSEMBLY	0	1	0	219049
SPACE RACE HALF PANEL ASSEMBLY	0	0	1	219050
TRU-LOC PANEL ATTACHMENT	4	4	4	K03861
HARDWARE COMPLETE	1	1	1	219052
3/8" x 1" P.B.H.C.S. w/PATCH	4	4	4	812050*
3/8" x 1 3/4" HEX HEAD BOLT	4	4	4	801006*
3/8" LOCK WASHER	8	8	8	817334*
3/8" BARREL NUT	4	4	4	804804*
1/2" FLAT WASHER	4	4	4	817412*

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

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.
Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.

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.

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PowerScape

GameTime

A PLAYCORE Company

1-800-235-2440

ISSUED/REVISED: 6/24/2020

91589
6' RAMP ATTACHMENT
3D

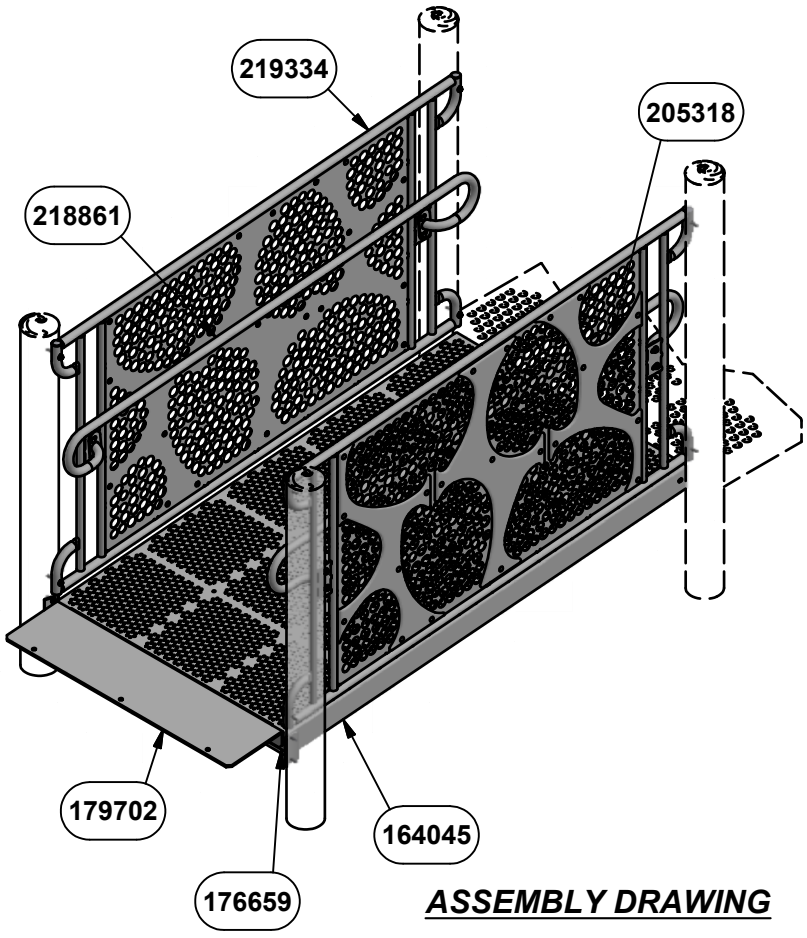
NOTE: USING A DIGITAL LEVEL CHECK THE ANGLE OF RAMP PRIOR TO POURING CONCRETE. THE ANGLE SHALL NOT EXCEED 4.75° (8.3% SLOPE) TO MEET ADA GUIDELINES.



0'-6" THRU 4'-0"



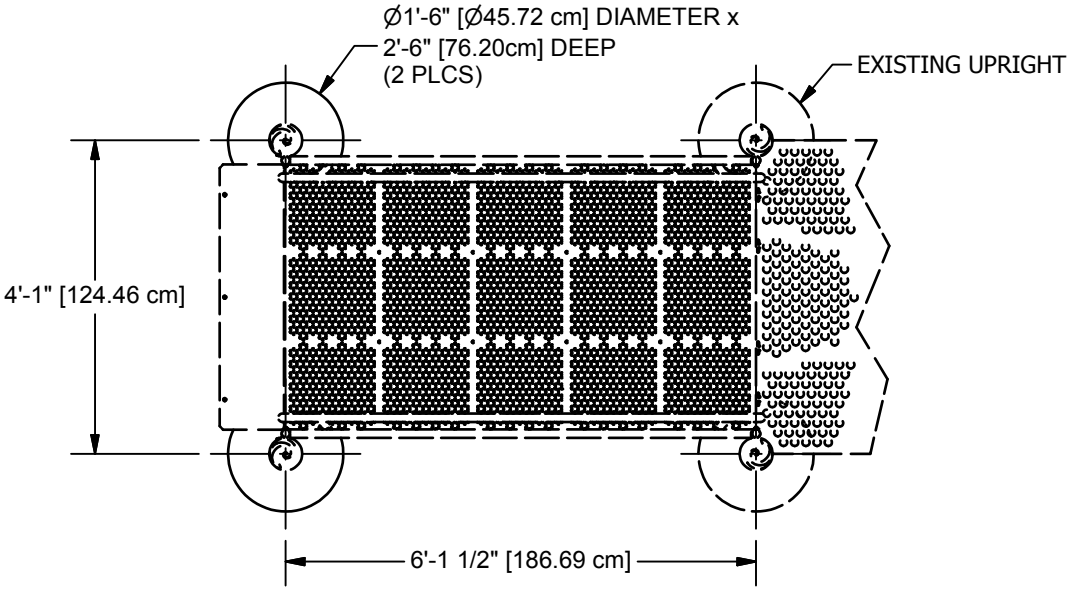
0'-6" THRU 8'-0"



ASSEMBLY DRAWING

INSTALLATION INSTRUCTIONS

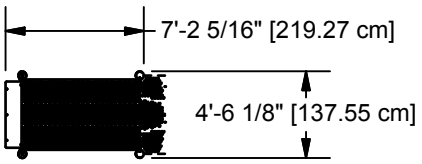
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2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



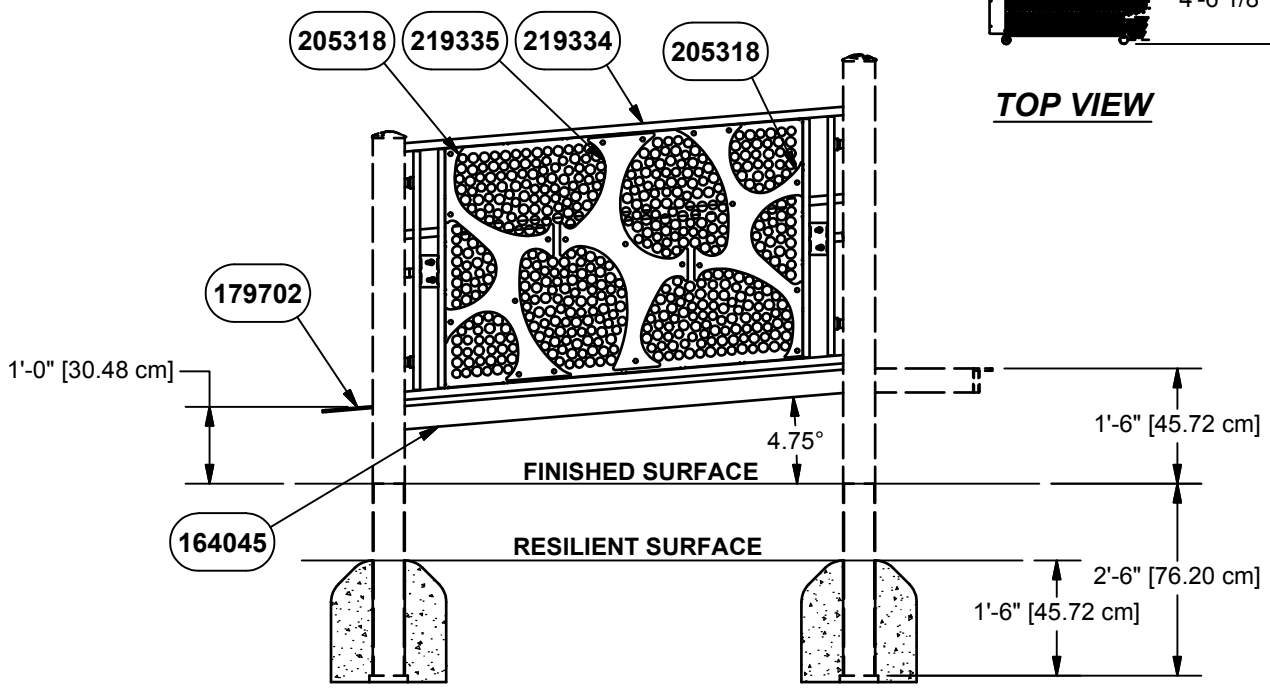
PLAN VIEW

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

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

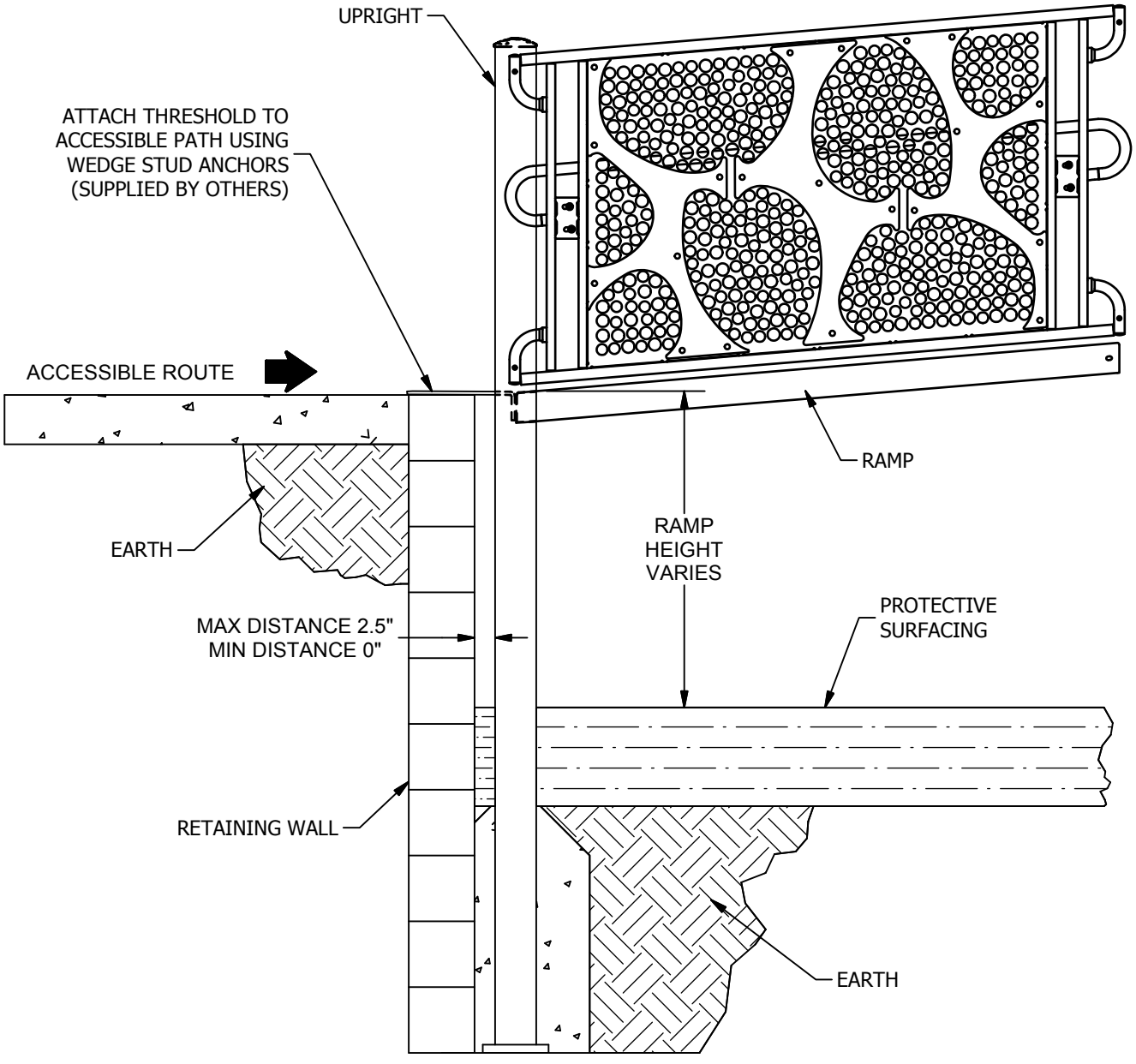


TOP VIEW



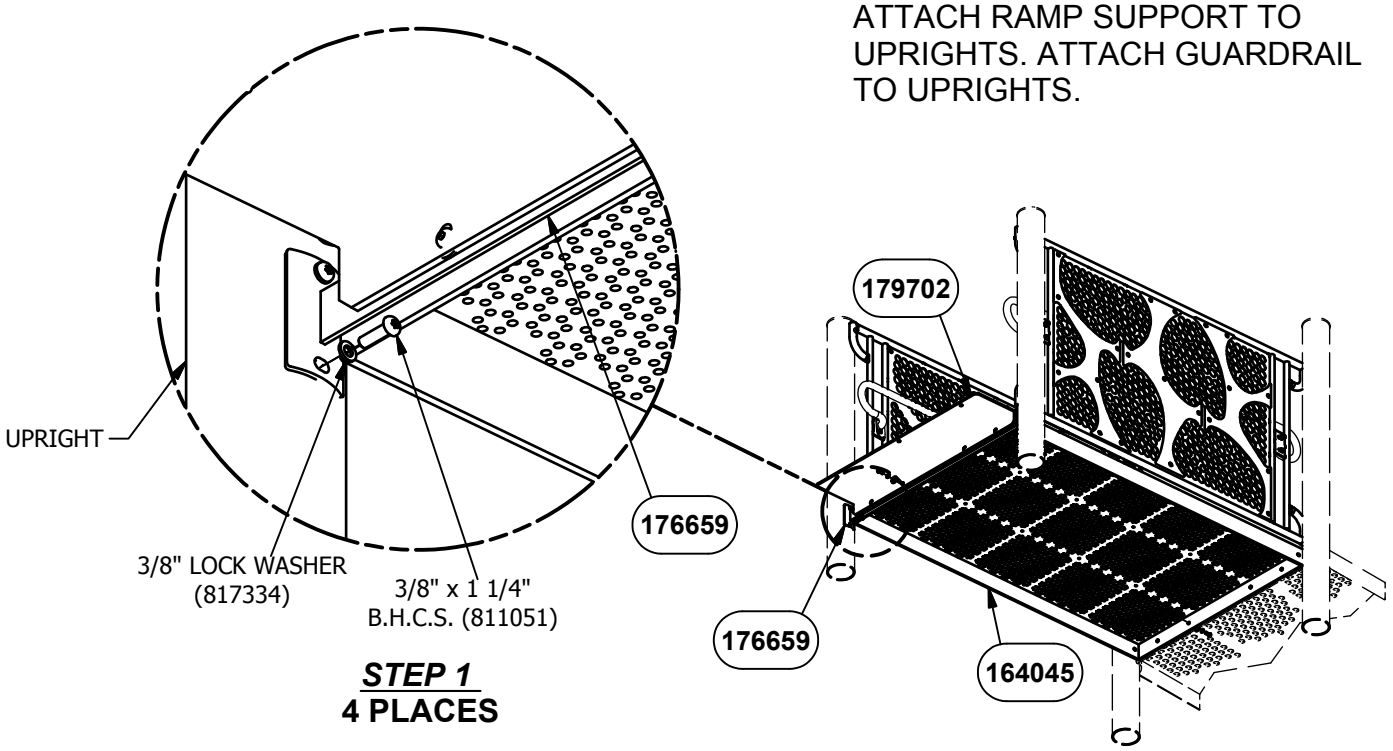
ELEVATION VIEW

NOTE: USING A DIGITAL LEVEL CHECK THE ANGLE OF RAMP PRIOR TO POURING CONCRETE. THE ANGLE SHALL NOT EXCEED 4.75° (8.3% SLOPE) TO MEET ADA GUIDELINES.

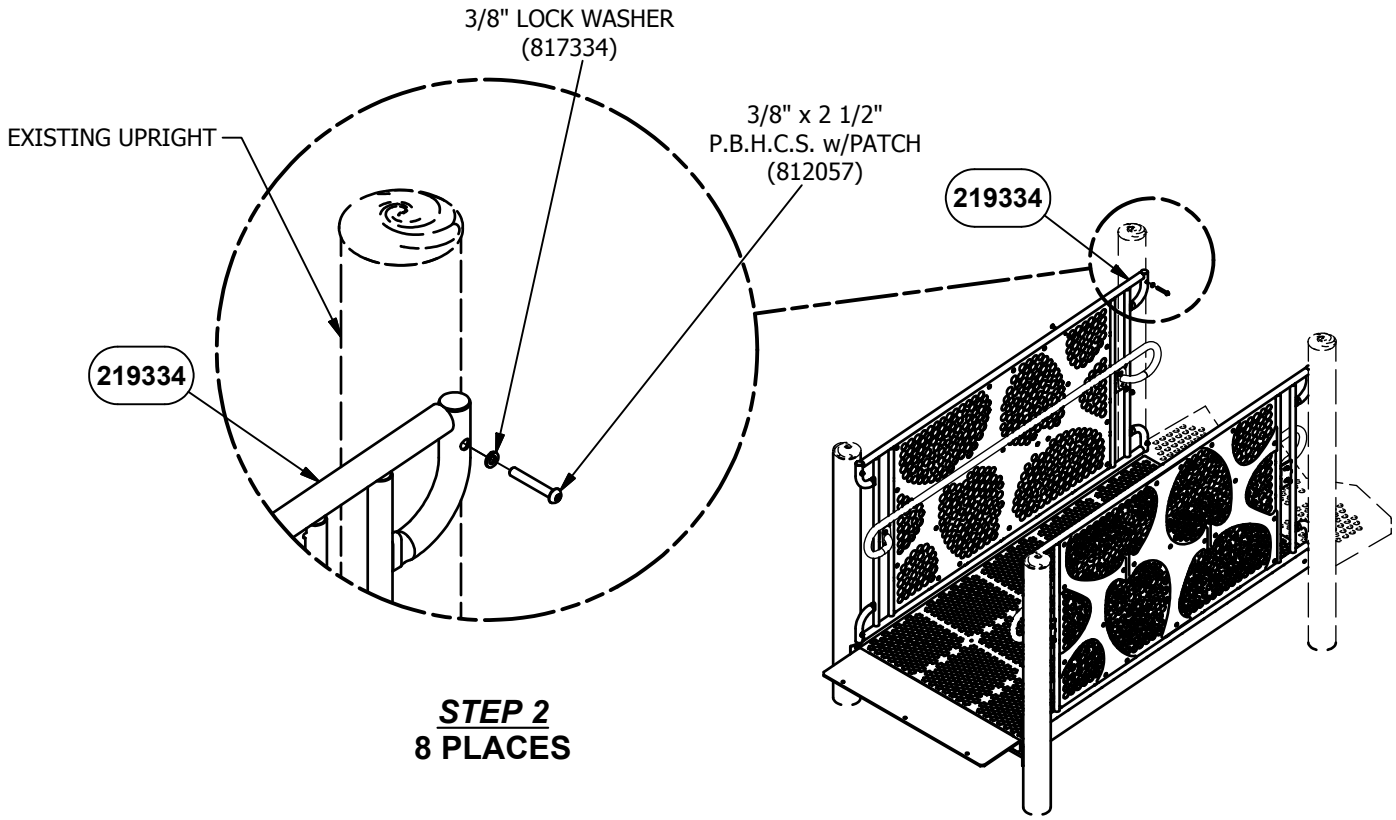


BASIC RETAINING WALL VIEW

ATTACH RAMP SUPPORT TO UPRIGHTS. ATTACH GUARDRAIL TO UPRIGHTS.



STEP 1
4 PLACES

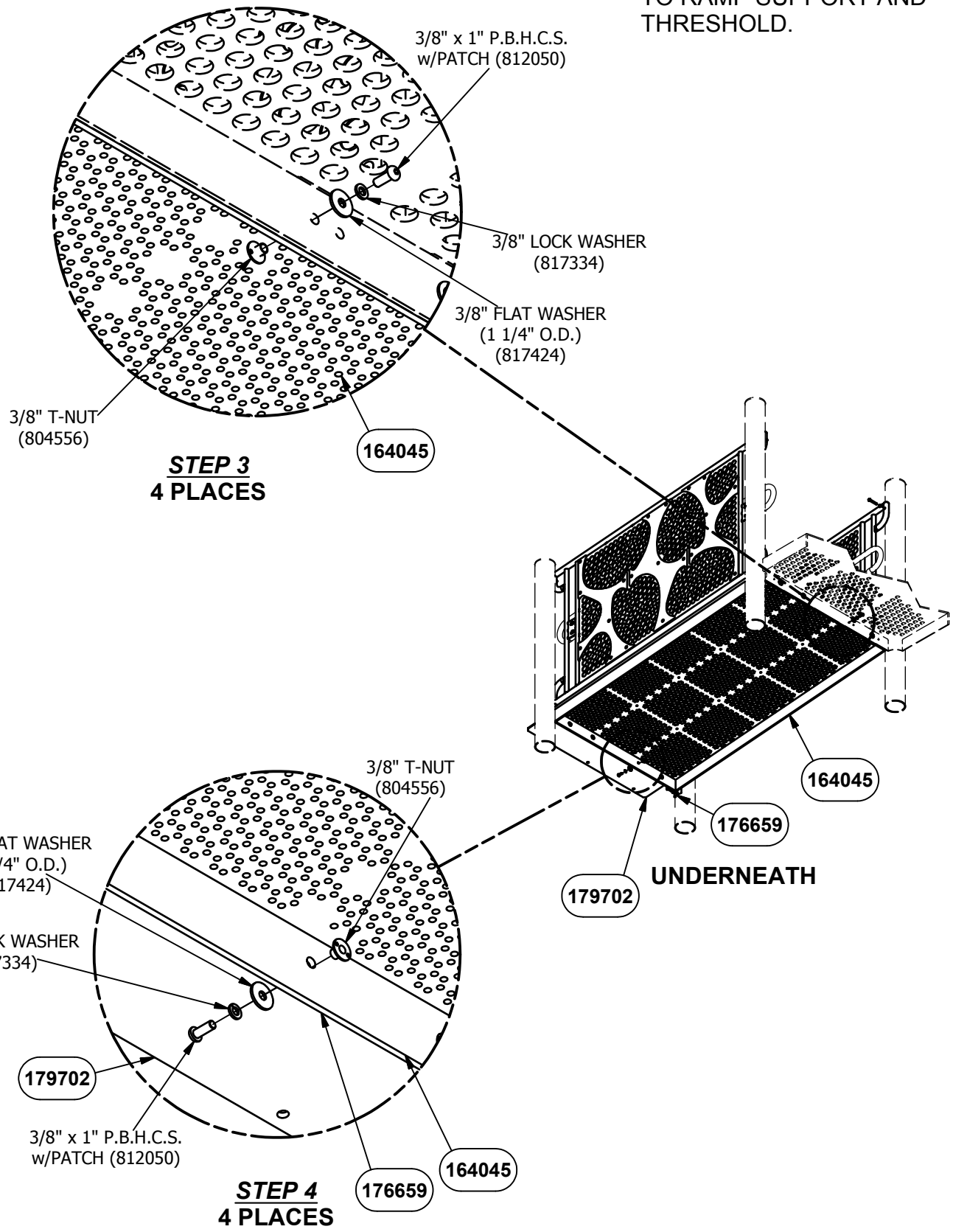


STEP 2
8 PLACES

DETAIL VIEW

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

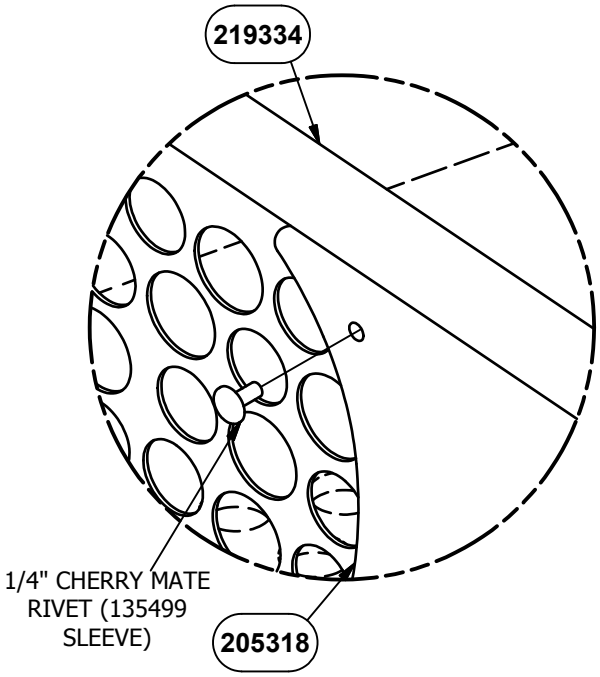
ATTACH RAMP SECTION TO EXISTING DECK. ATTACH RAMP SECTION TO RAMP SUPPORT AND THRESHOLD.



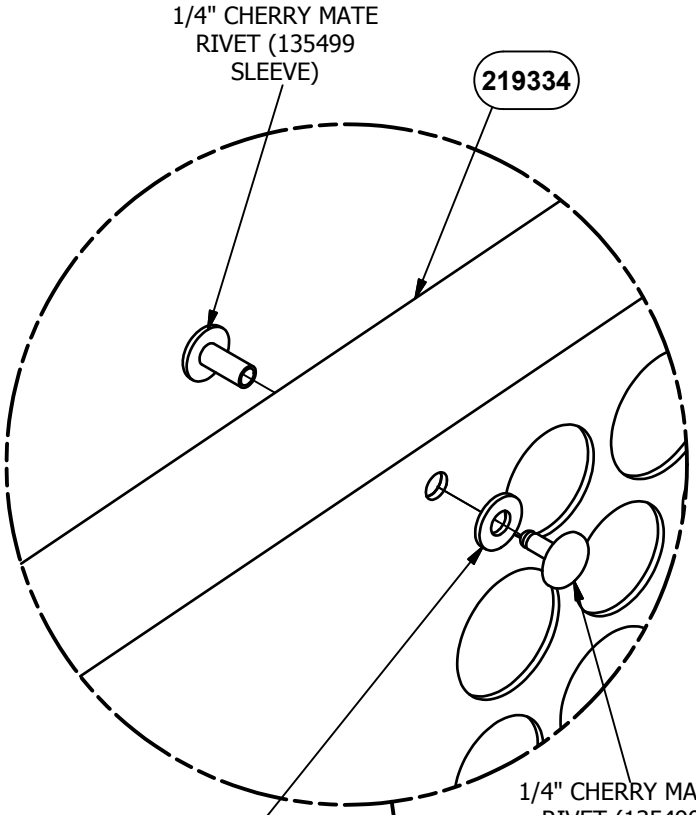
DETAIL VIEW

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

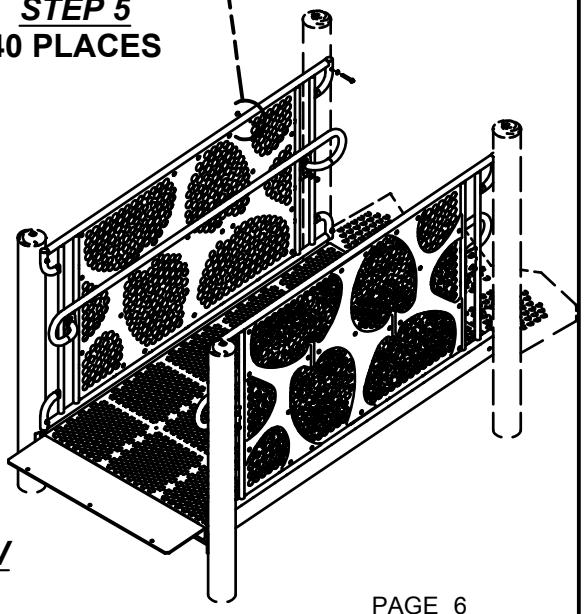
ATTACH TRIM PANELS TO GUARDRAIL.



STEP 5
BACK



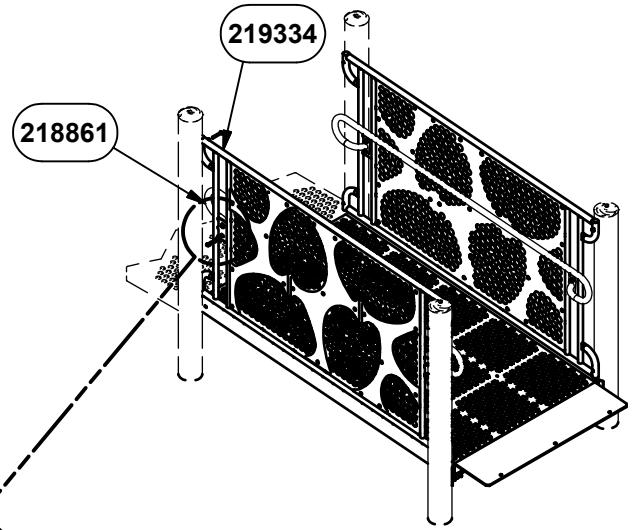
STEP 5
40 PLACES

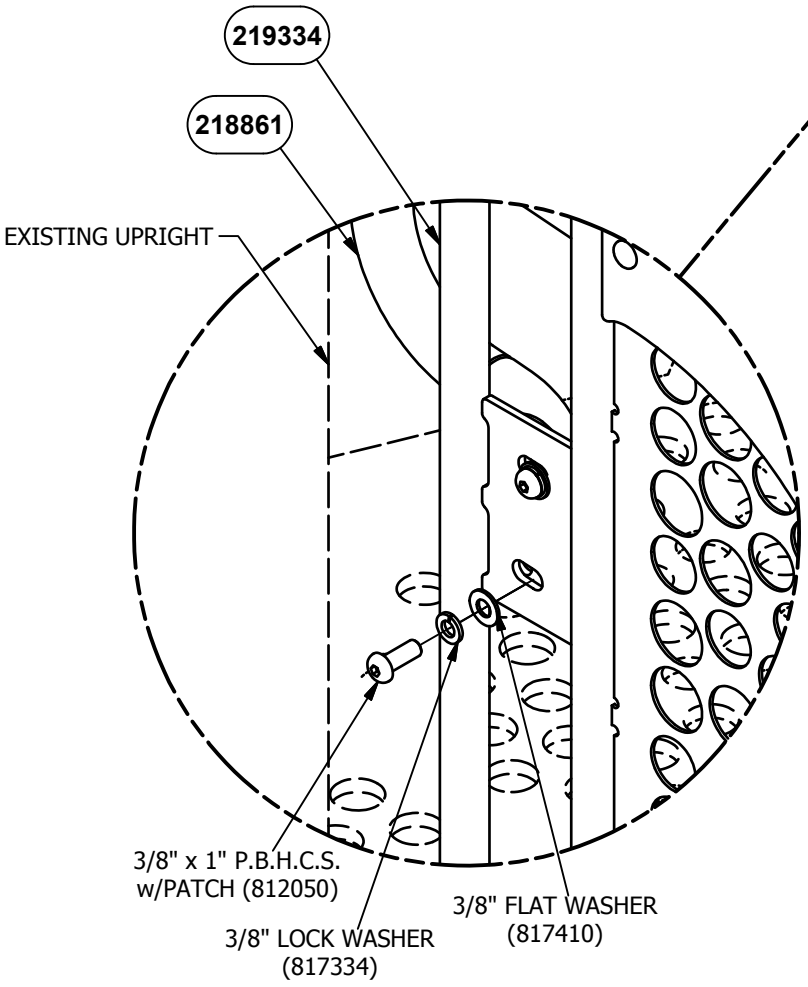


DETAIL VIEW

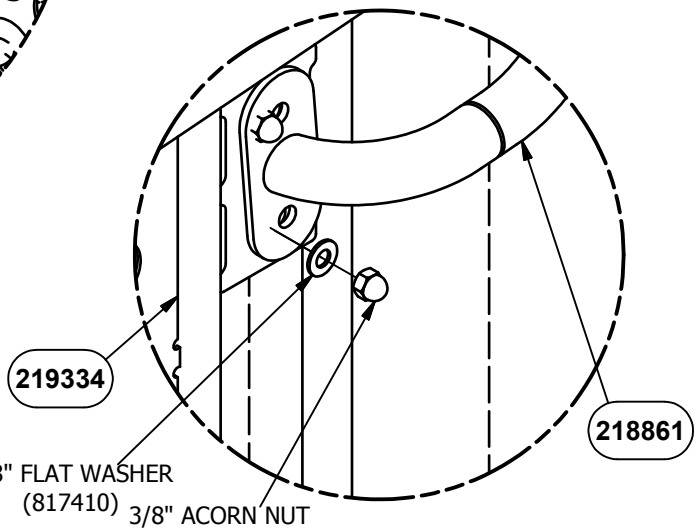
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

ATTACH GRABRAIL TO GUARDRAIL.





STEP 6
8 PLACES



STEP 6
INTERIOR VIEW

DETAIL VIEW

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

Parts List		
DESCRIPTION	QTY	PART NUMBER
RAMP SECTION	1	164045
BARRIER PANEL WELD ASSEMBLY	2	219334
GRAB RAIL WELD ASSEMBLY	2	218861
RAMP SUPPORT	1	176659
THRESHOLD	1	179702
RAMP TRIM LARGE	2	219335
RAMP TRIM SMALL	4	205318
HARDWARE COMPLETE	1	219340
3/8" x 1" P.B.H.C.S. w/PATCH	16	812050*
3/8" x 1 1/4" B.H.C.S.	4	811051*
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	8	812057*
3/8" LOCK WASHER	28	817334*
3/8" FLAT WASHER	16	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	8	817424*
3/8" ACORN NUT	8	804002*
3/8" T-NUT	8	804556*
1/4" FLAT WASHER (5/8" O.D.)	40	817408*
1/4" CHERRY MATE RIVET	40	135499*

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

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

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

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

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: 6/25/2020

91590
6' RAMP LINK 3D

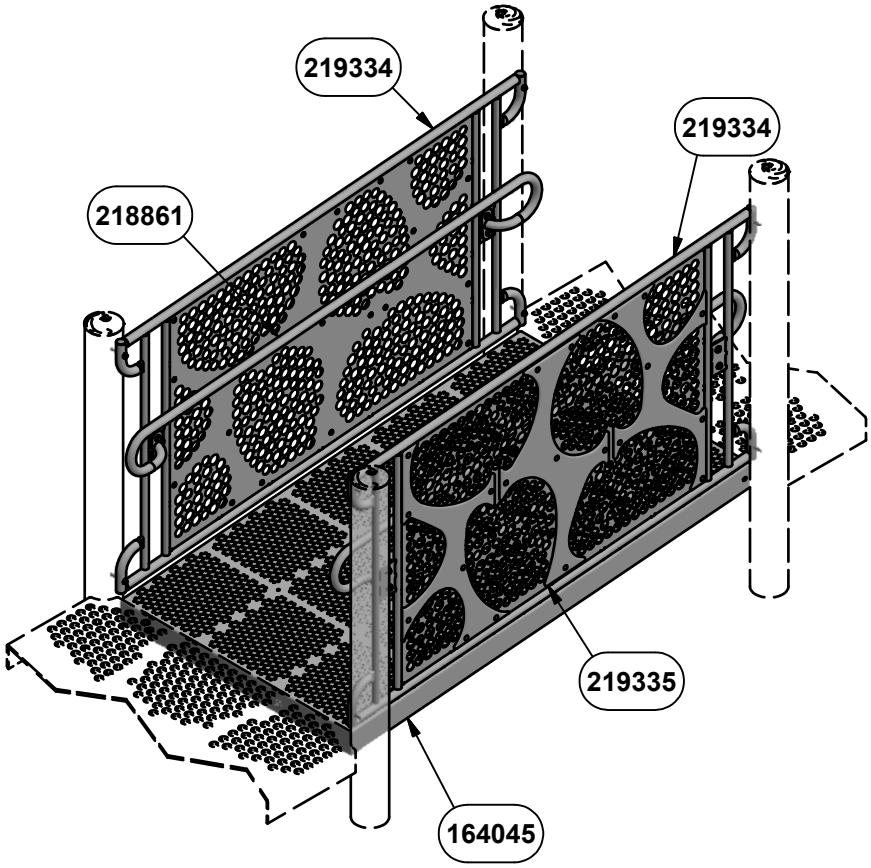


0'-6" THRU 4'-0"



0'-6" THRU 8'-0"

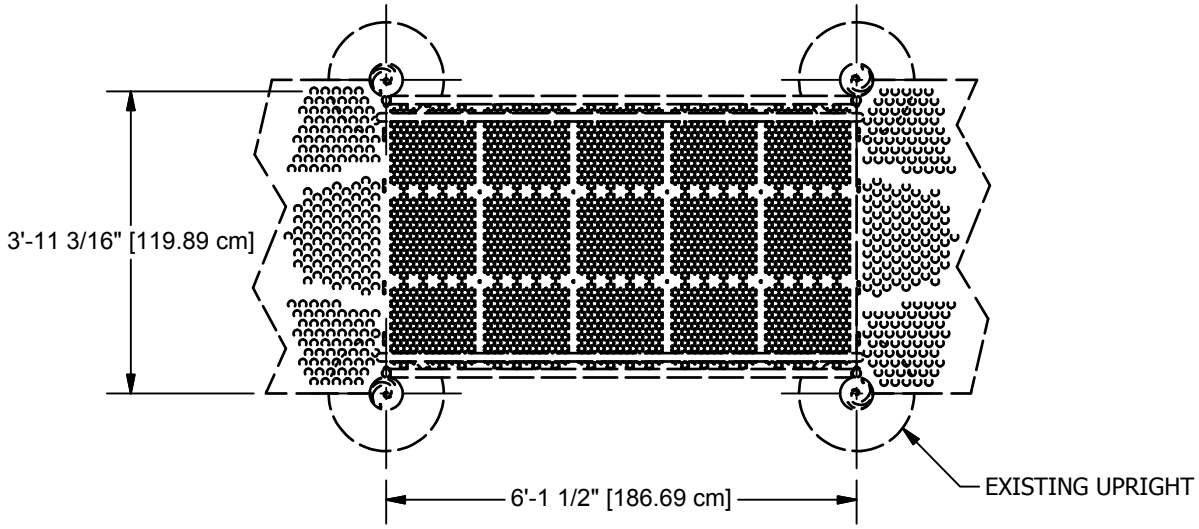
NOTE: USING A DIGITAL LEVEL CHECK THE ANGLE OF RAMP PRIOR TO POURING CONCRETE. THE ANGLE SHALL NOT EXCEED 4.75° (8.3% SLOPE) TO MEET ADA GUIDELINES.



ASSEMBLY DRAWING

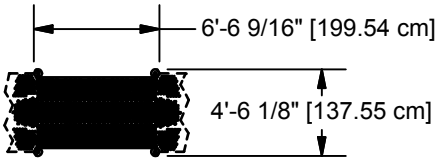
INSTALLATION INSTRUCTIONS

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

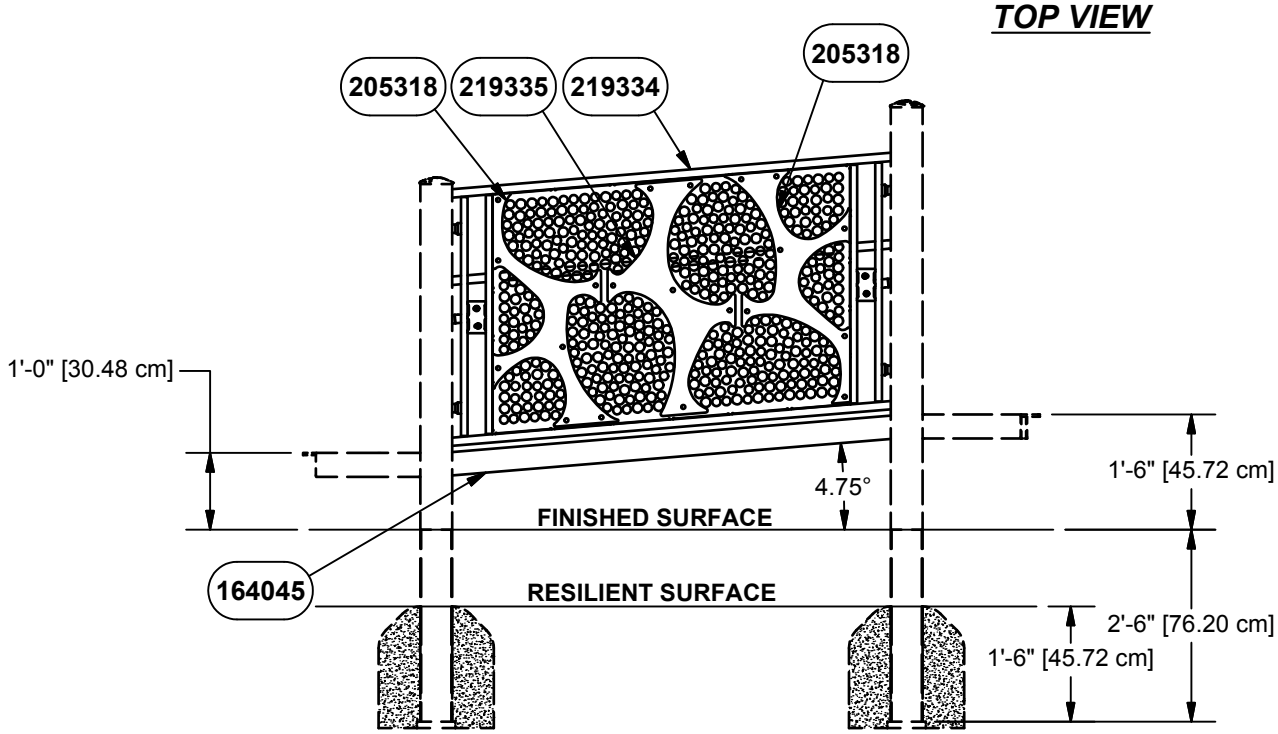


PLAN VIEW

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



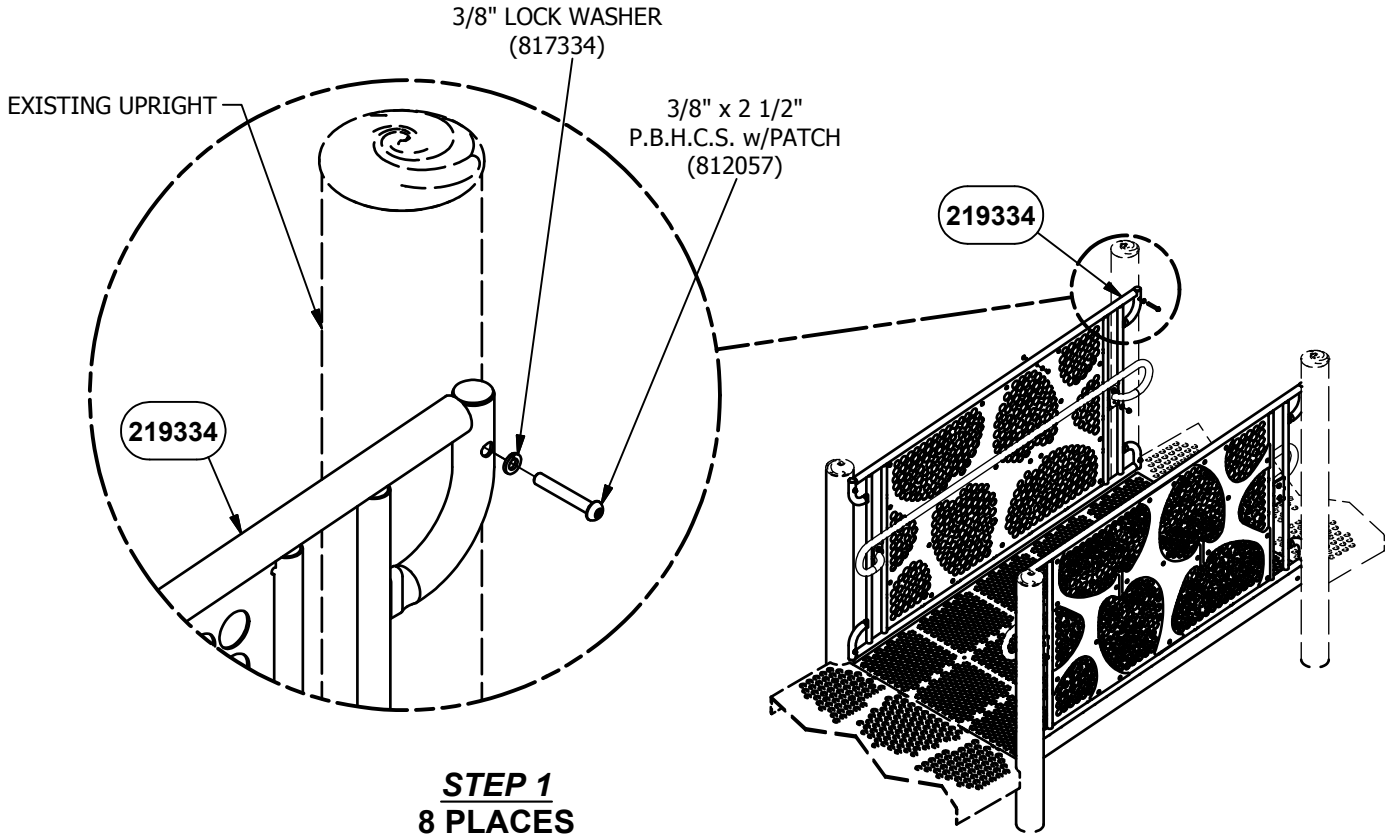
TOP VIEW



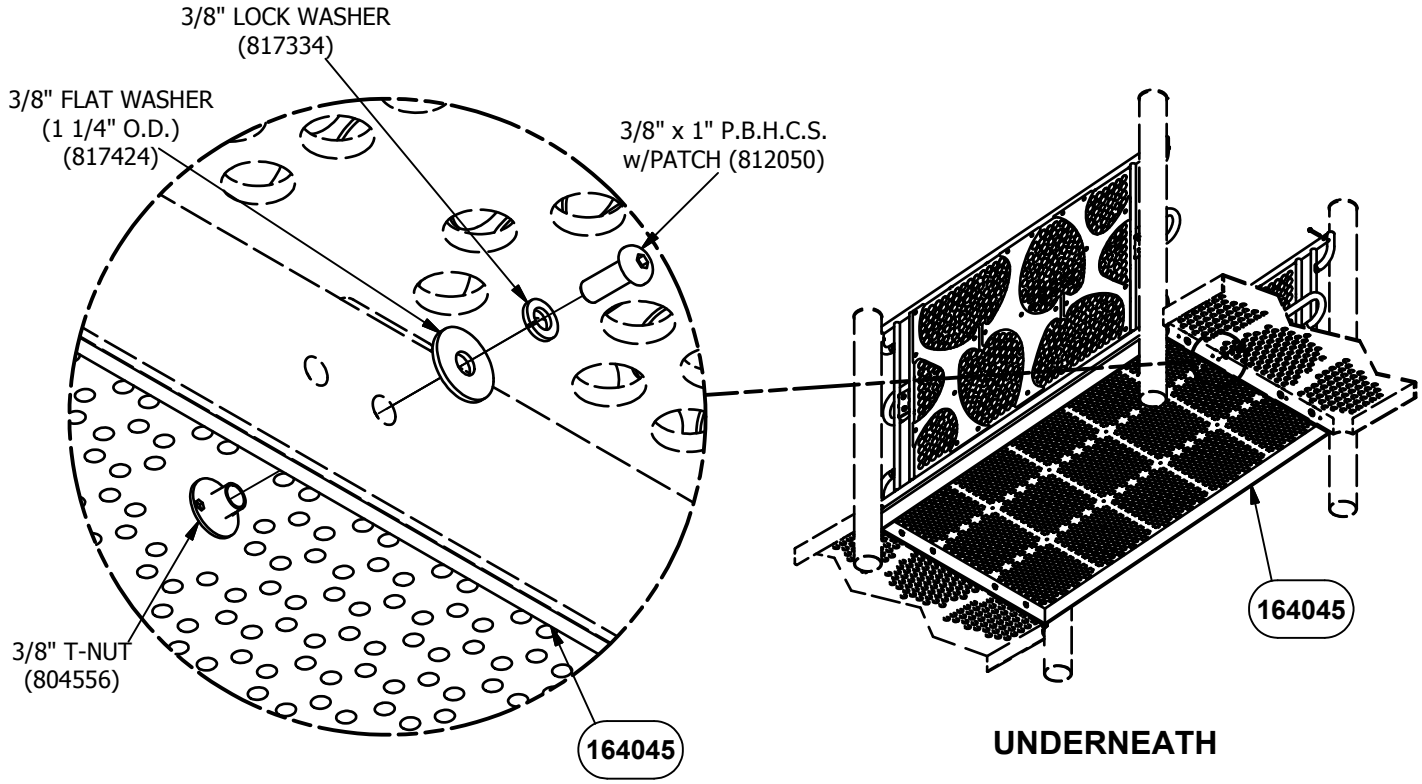
ELEVATION VIEW

NOTE: USING A DIGITAL LEVEL CHECK THE ANGLE OF RAMP PRIOR TO POURING CONCRETE. THE ANGLE SHALL NOT EXCEED 4.75° (8.3% SLOPE) TO MEET ADA GUIDELINES.

ATTACH GUARDRAIL TO UPRIGHTS.
ATTACH RAMP SECTION TO EXISTING DECK.



STEP 1
8 PLACES



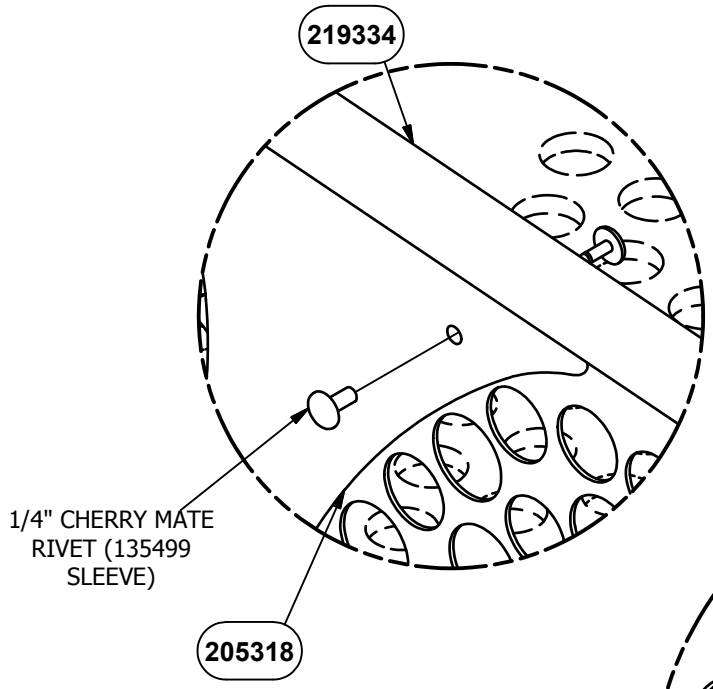
UNDERNEATH

STEP 2
8 PLACES

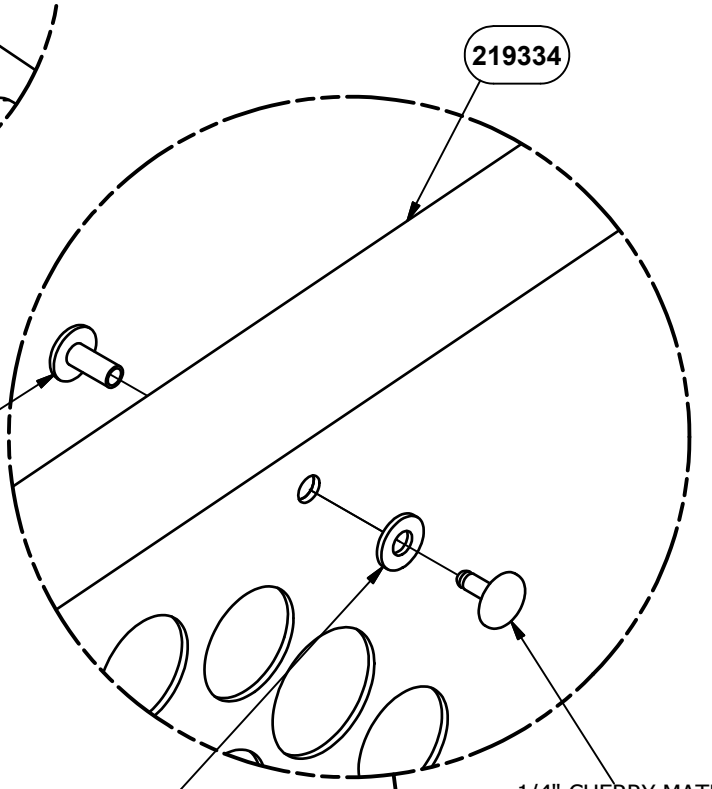
DETAIL VIEW

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

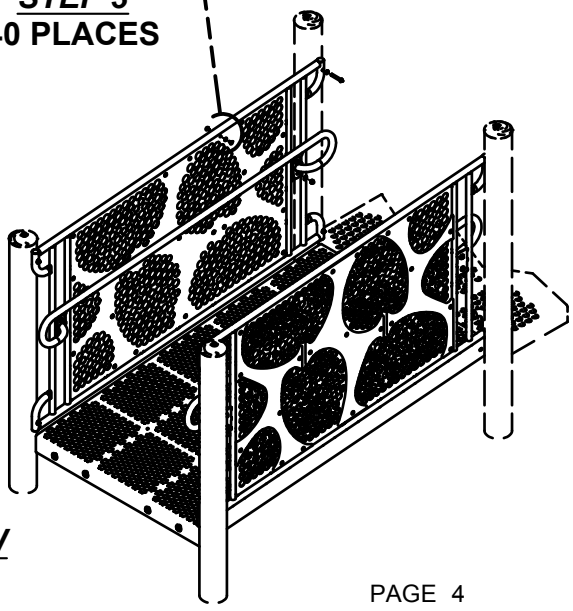
ATTACH TRIM PANELS TO GUARDRAIL.



STEP 3
BACK



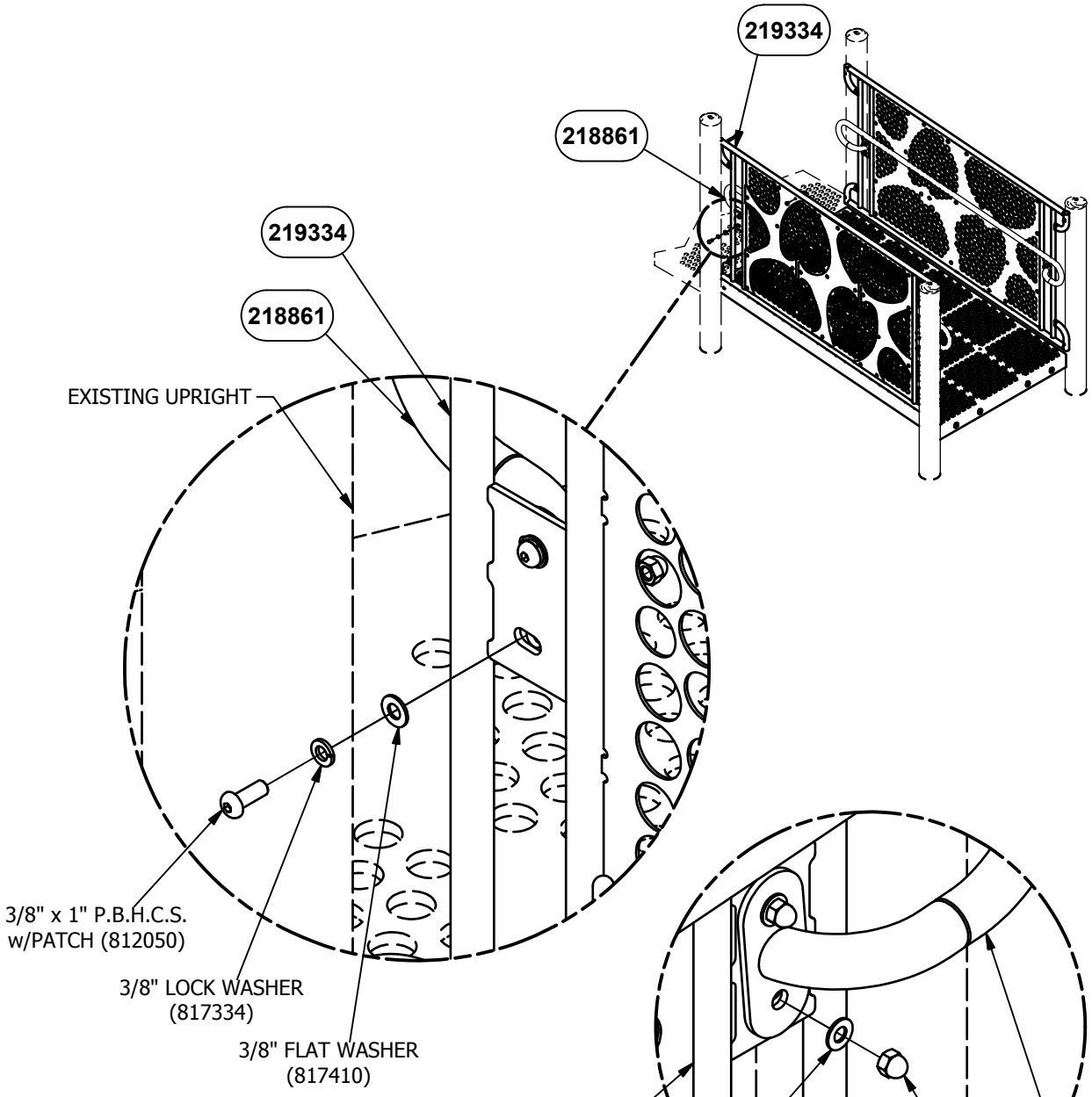
STEP 3
40 PLACES



DETAIL VIEW

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

ATTACH GRABRAIL TO GUARDRAIL.



STEP 4
8 PLACES

STEP 4
INTERIOR VIEW

DETAIL VIEW

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

Parts List		
DESCRIPTION	QTY	PART NUMBER
RAMP SECTION	1	164045
BARRIER PANEL WELD ASSEMBLY	2	219334
GRAB RAIL WELD ASSEMBLY	2	218861
RAMP TRIM LARGE	2	219335
RAMP TRIM SMALL	4	205318
HARDWARE COMPLETE	1	219344
3/8" x 1" P.B.H.C.S. w/PATCH	16	812050*
3/8" x 2 1/2" P.B.H.C.S. w/PATCH	8	812057*
3/8" LOCK WASHER	24	817334*
3/8" FLAT WASHER	16	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	8	817424*
3/8" ACORN NUT	8	804002*
3/8" T-NUT	8	804556*
1/4" FLAT WASHER (5/8" O.D.)	40	817408*
1/4" CHERRY MATE RIVET	40	135499*

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

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

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

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

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.
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- 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: 11/2/2020

91599 HDPE VERTICAL LADDER

1'-6" RISE	91599
2'-0" RISE	91600
2'-6" RISE	91601
3'-0" RISE	91602
3'-6" RISE	91603
4'-0" RISE	91604
4'-6" RISE	91605
5'-0" RISE	91606

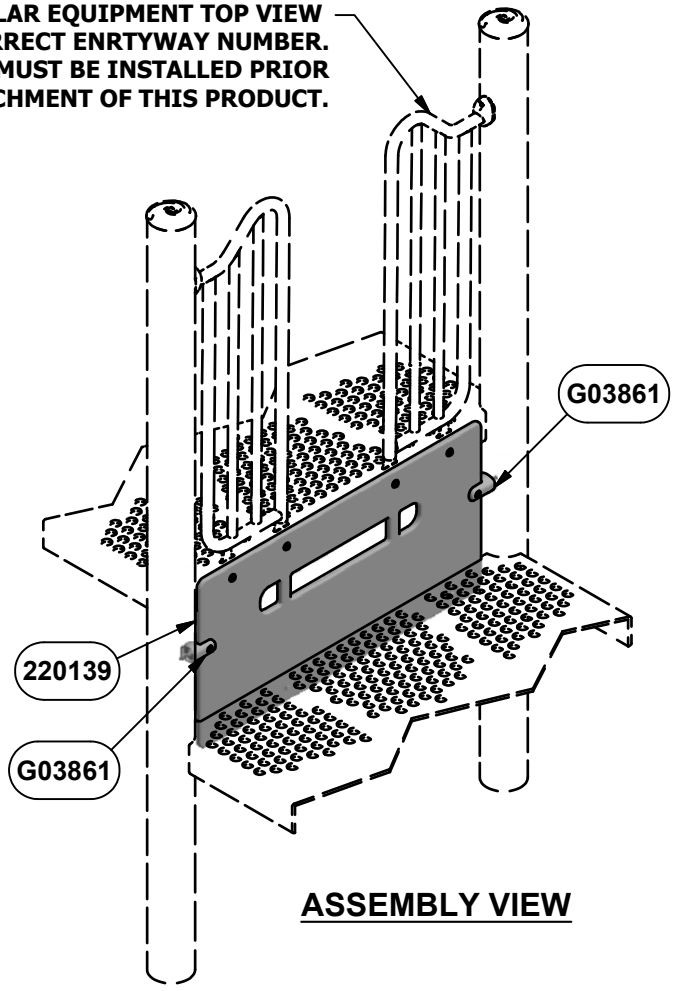


91599
91600
91601
UP TO 5'-0"
DECK HEIGHTS



91599
91600
91601
91602
91603
91604
91605
91606
ALL DECK HEIGHTS

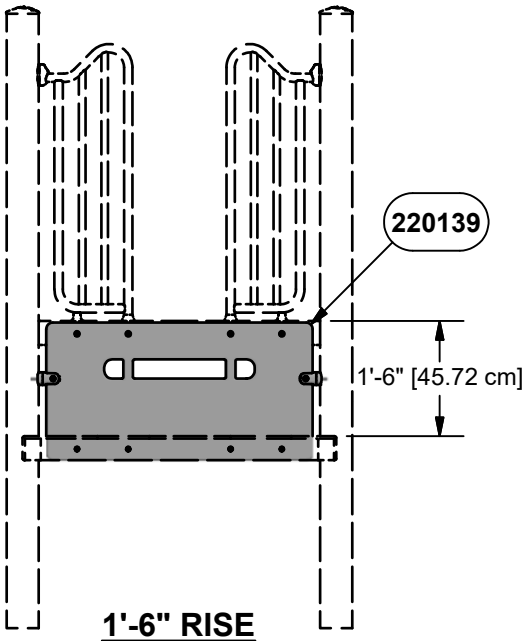
REFER TO MODULAR EQUIPMENT TOP VIEW FOR CORRECT ENRTYWAY NUMBER. ENRTYWAY MUST BE INSTALLED PRIOR TO ATTACHMENT OF THIS PRODUCT.



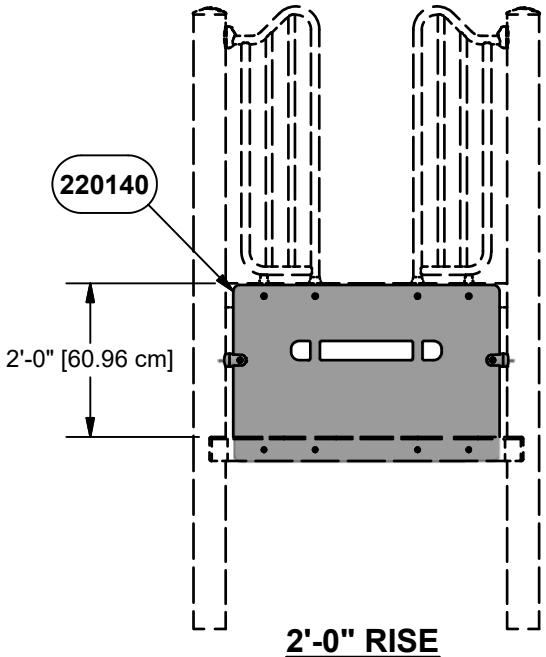
ASSEMBLY VIEW

INSTALLATION INSTRUCTIONS

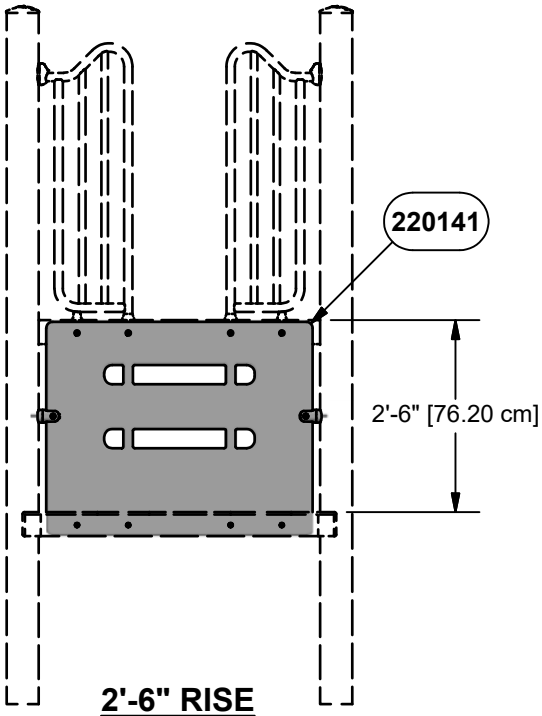
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE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



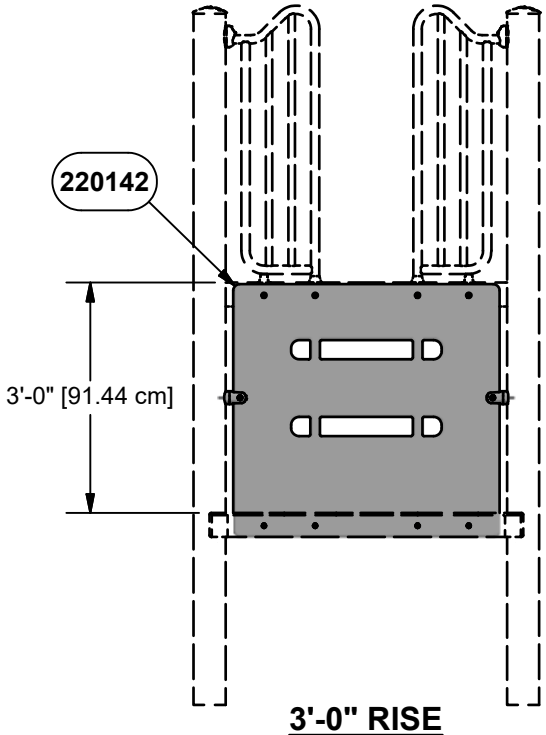
1'-6" RISE
VIEW



2'-0" RISE
VIEW

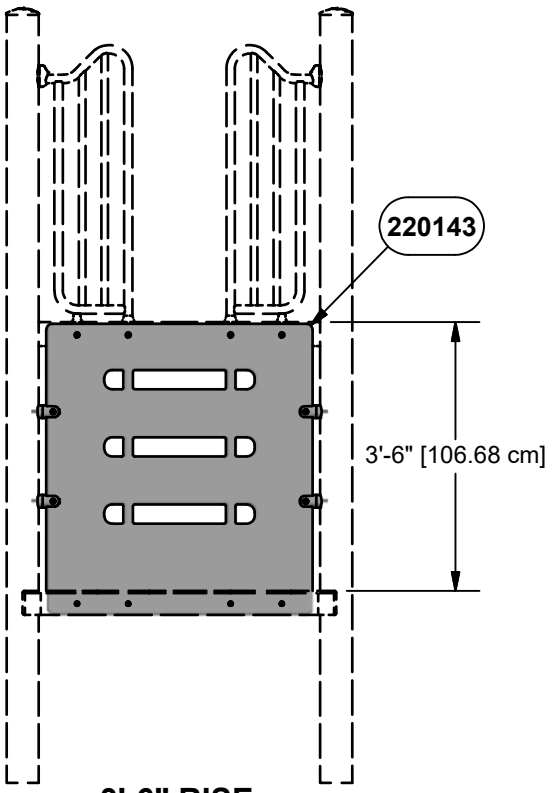


2'-6" RISE
VIEW

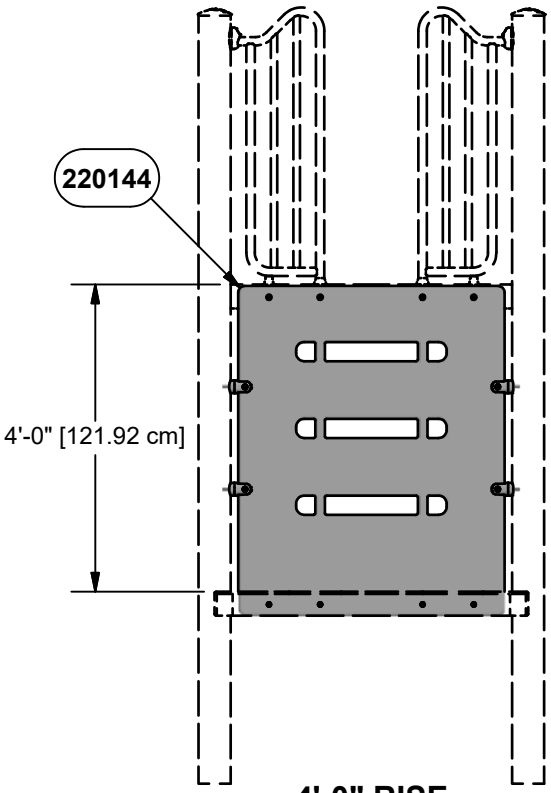


3'-0" RISE
VIEW

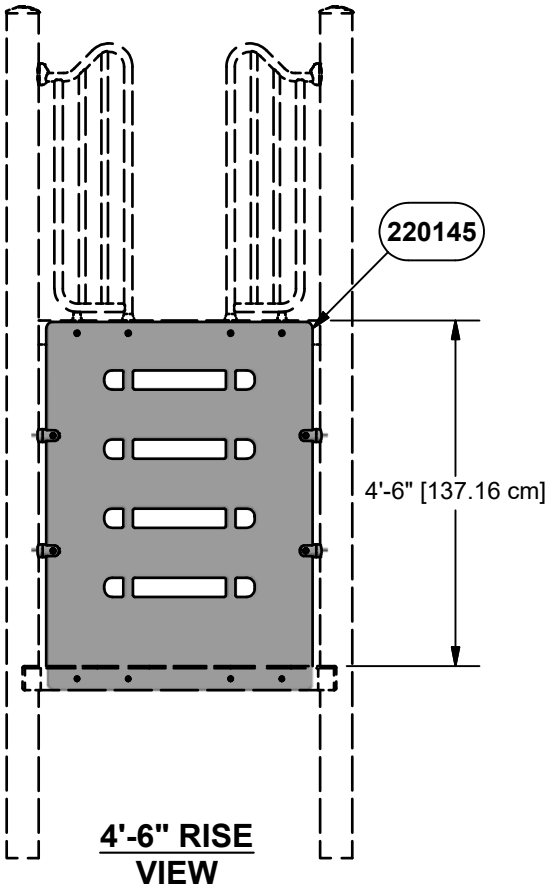
DECK HEIGHT ELEVATIONS



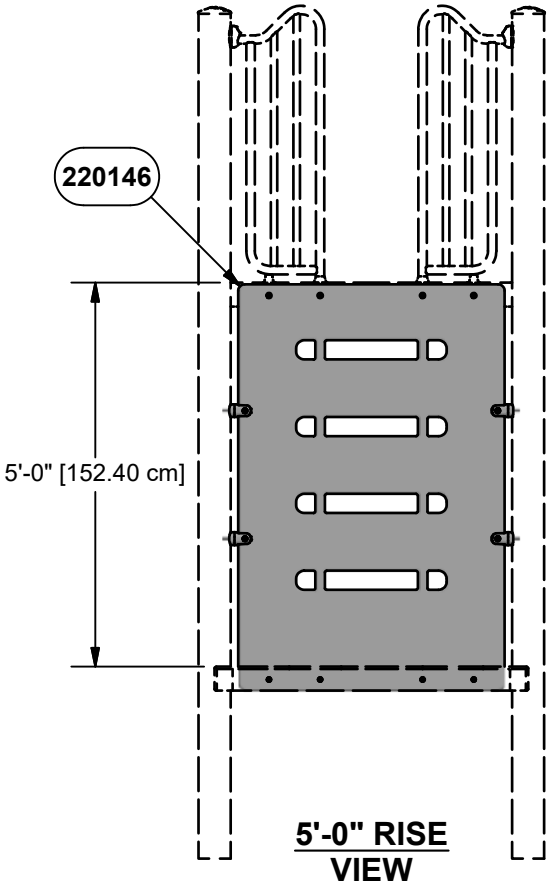
3'-6" RISE
VIEW



4'-0" RISE
VIEW

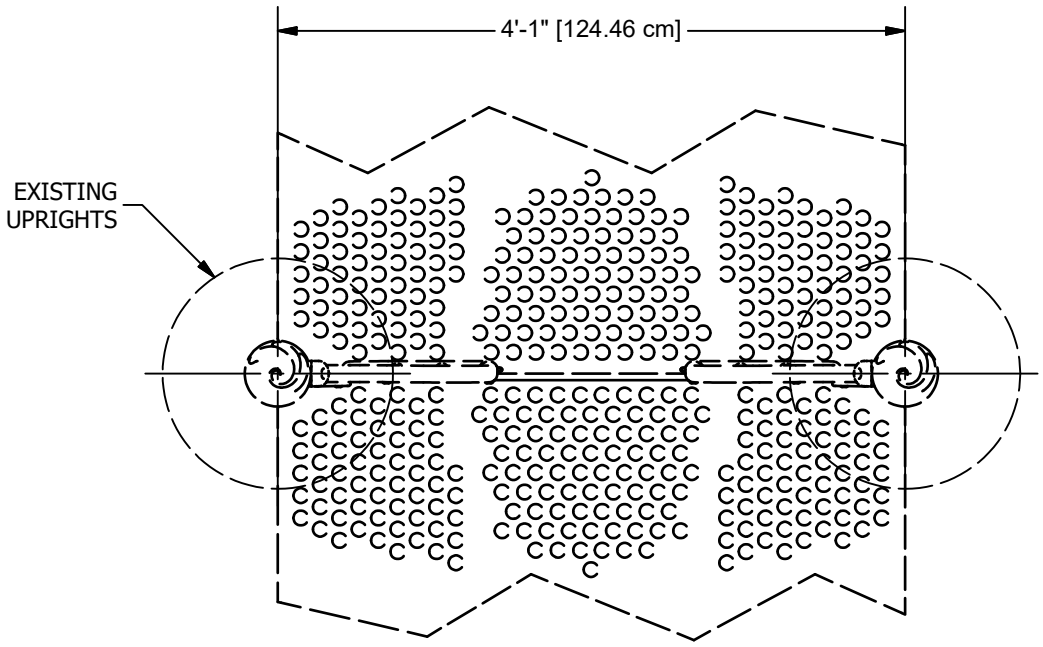


4'-6" RISE
VIEW

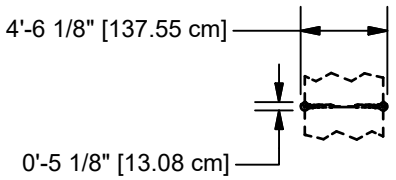


5'-0" RISE
VIEW

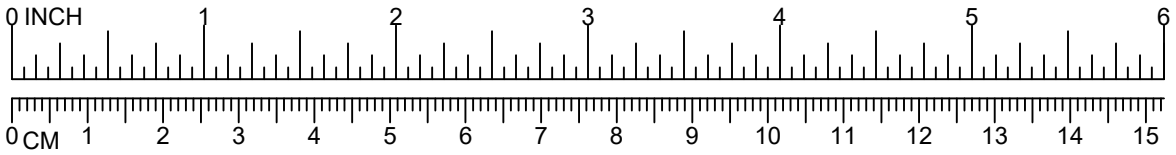
DECK HEIGHT ELEVATIONS

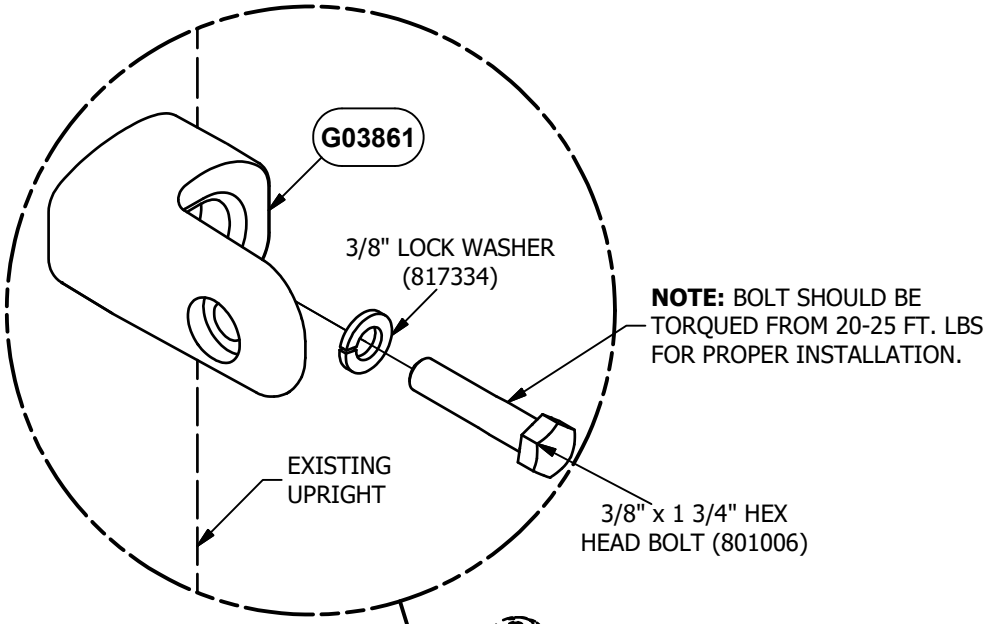


PLAN VIEW

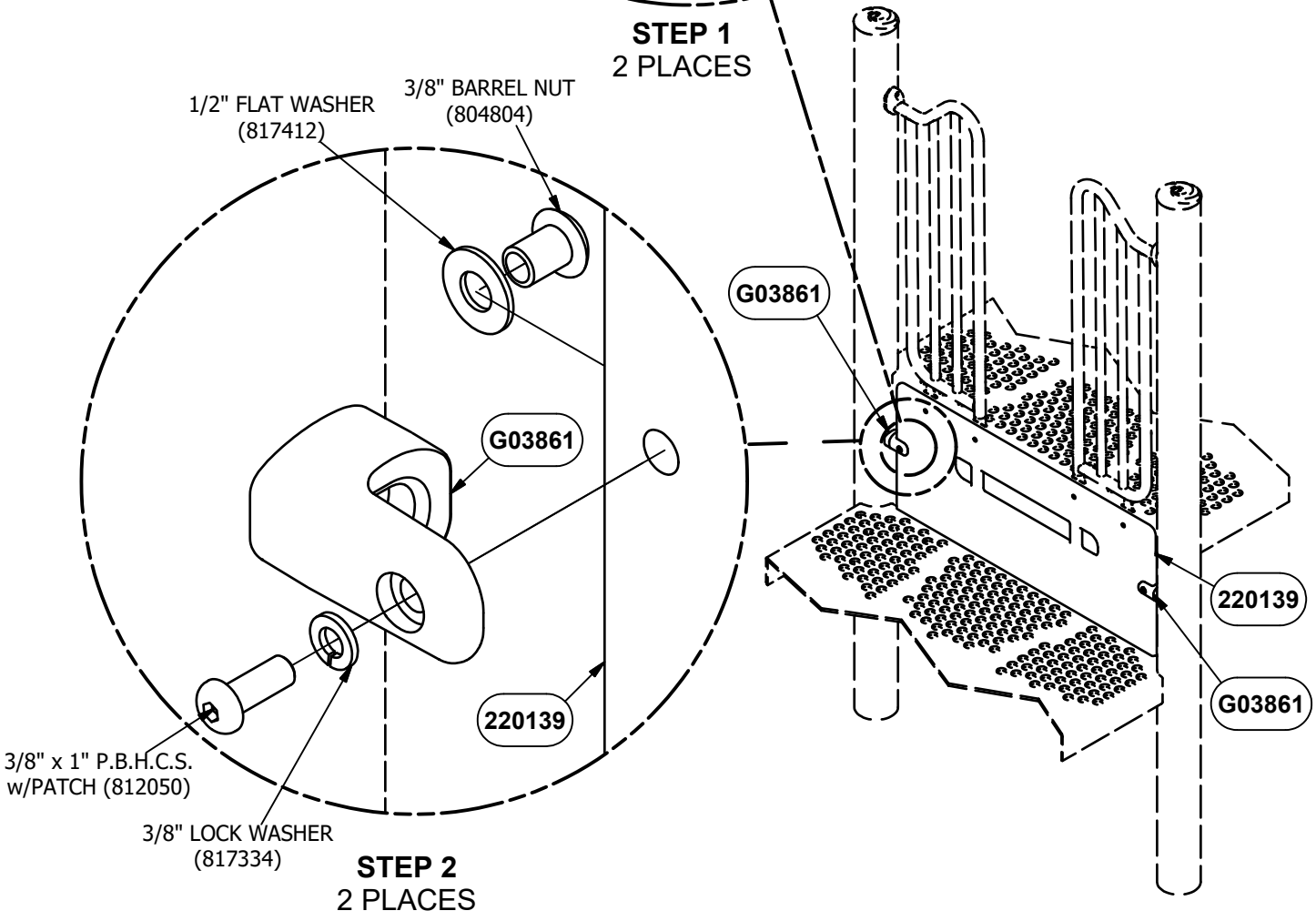


TOP VIEW





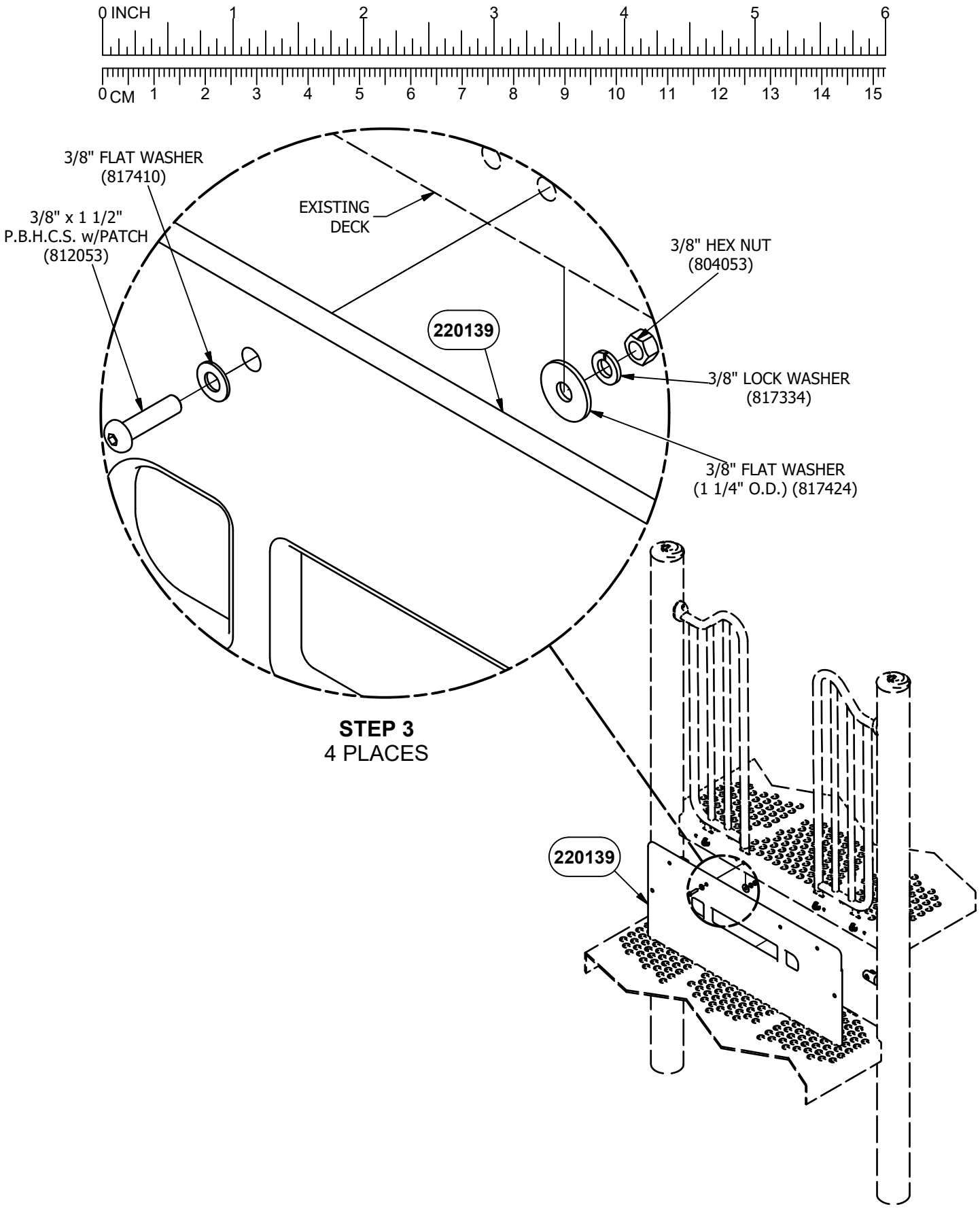
STEP 1
2 PLACES



STEP 2
2 PLACES

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

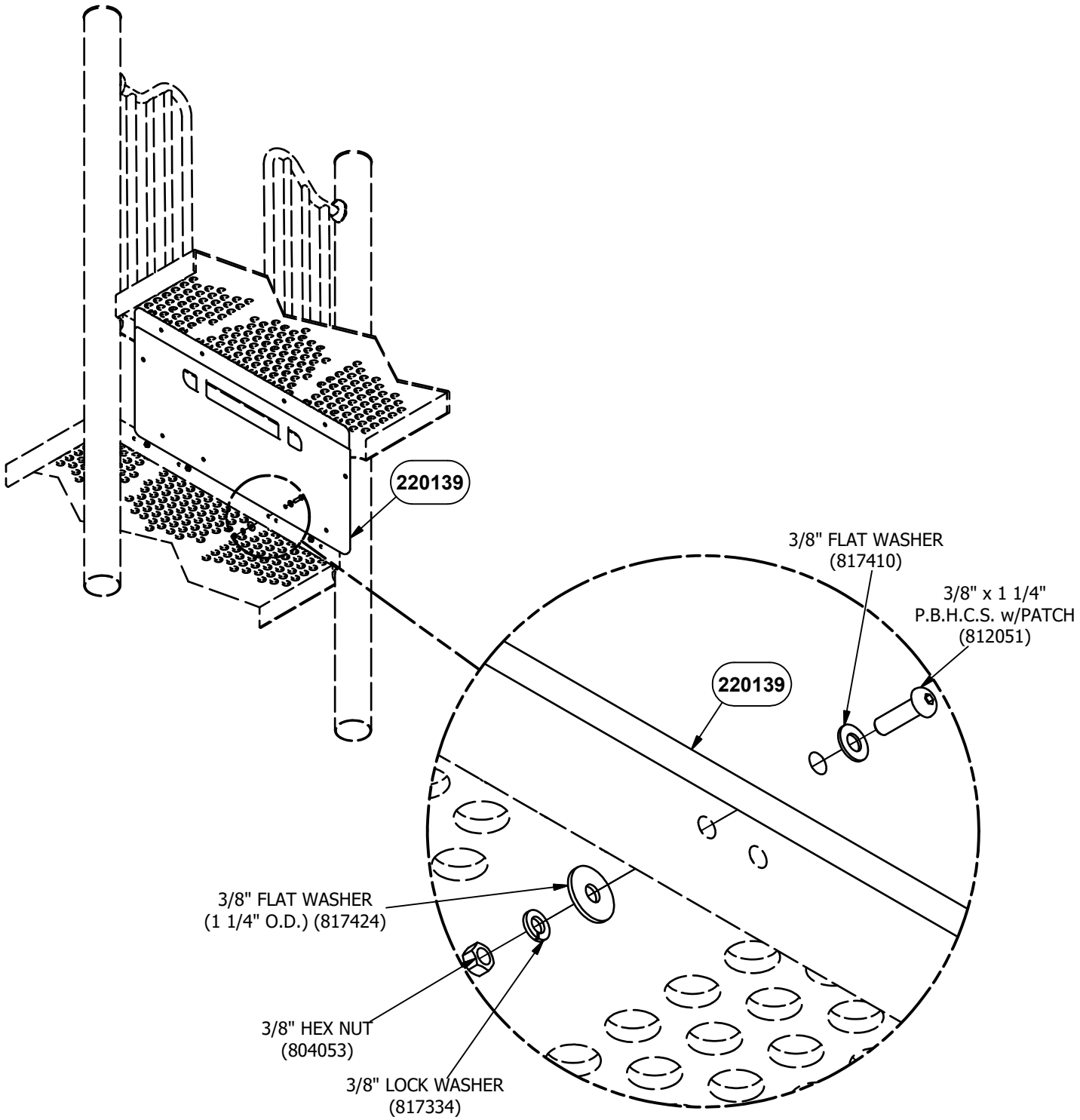
DETAIL VIEW



STEP 3
4 PLACES

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

DETAIL VIEW



STEP 4
4 PLACES

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

DETAIL VIEW

Parts List									
DESCRIPTION	91599	91600	91601	91602	91603	91604	91605	91606	PART NUMBER
HDPE LADDER PANEL	1	0	0	0	0	0	0	0	220139
HDPE LADDER PANEL	0	1	0	0	0	0	0	0	220140
HDPE LADDER PANEL	0	0	1	0	0	0	0	0	220141
HDPE LADDER PANEL	0	0	0	1	0	0	0	0	220142
HDPE LADDER PANEL	0	0	0	0	1	0	0	0	220143
HDPE LADDER PANEL	0	0	0	0	0	1	0	0	220144
HDPE LADDER PANEL	0	0	0	0	0	0	1	0	220145
HDPE LADDER PANEL	0	0	0	0	0	0	0	1	220146
TRU-LOC PANEL ATTACHMENT	2	2	2	2	4	4	4	4	G03861
HARDWARE COMPLETE	1	1	1	1	0	0	0	0	220163
HARDWARE COMPLETE	0	0	0	0	1	1	1	1	220164
3/8" x 1" P.B.H.C.S. w/PATCH	2	2	2	2	4	4	4	4	812050*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	4	4	4	4	4	4	4	4	812051*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	4	4	4	4	4	4	4	4	812053*
3/8" x 1 3/4" HEX HEAD BOLT	2	2	2	2	4	4	4	4	801006*
3/8" FLAT WASHER (1 1/4" O.D.)	8	8	8	8	8	8	8	8	817424*
3/8" FLAT WASHER	8	8	8	8	8	8	8	8	817410*
3/8" LOCK WASHER	12	12	12	12	16	16	16	16	817334*
3/8" BARREL NUT	2	2	2	2	4	4	4	4	804804*
3/8" HEX NUT	8	8	8	8	8	8	8	8	804053*
1/2" FLAT WASHER	2	2	2	2	4	4	4	4	817412*

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

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

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

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

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

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- Maintain detailed installation, inspection, maintenance, and repair records for each public-use playground equipment.

PowerScape

GameTime

A PLAYCORE Company

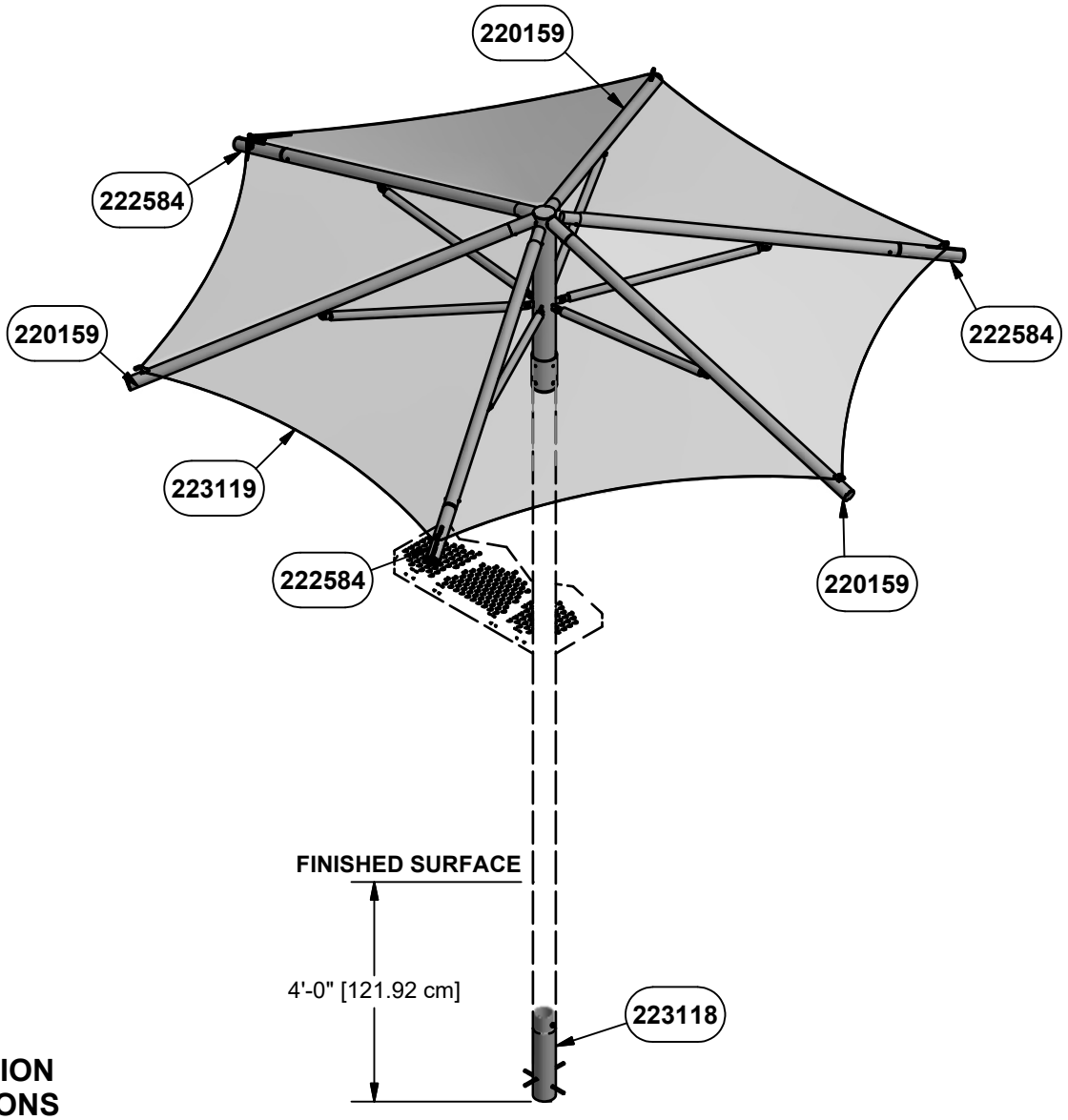
1-800-235-2440

ISSUED/REVISED: 6/14/2023

SUNBLOX
SHADE BY GAMETIME

91608
15' HEX UMBRELLA CANOPY

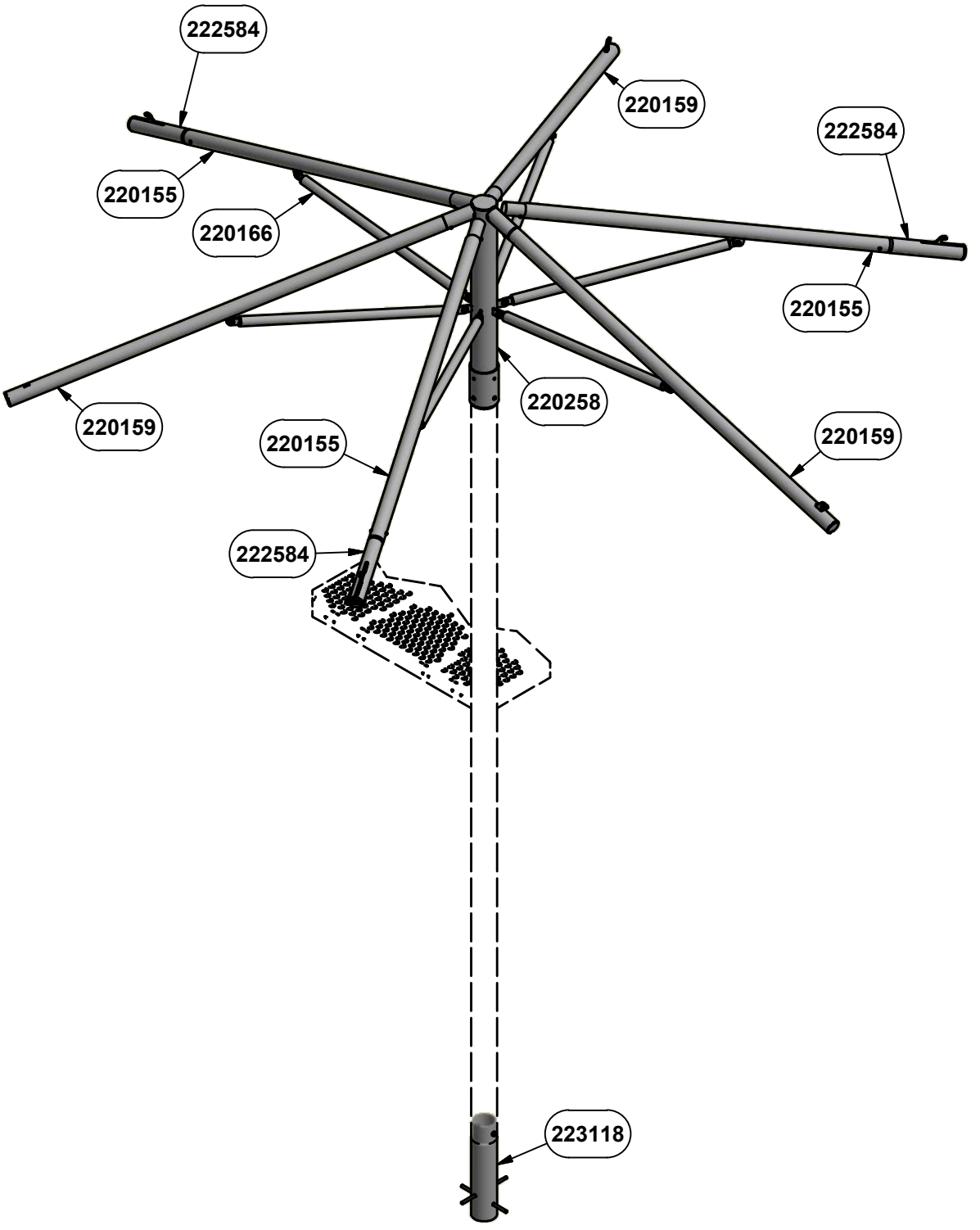
1' THRU 6' DECK 91608
7' THRU 8' DECK 91609



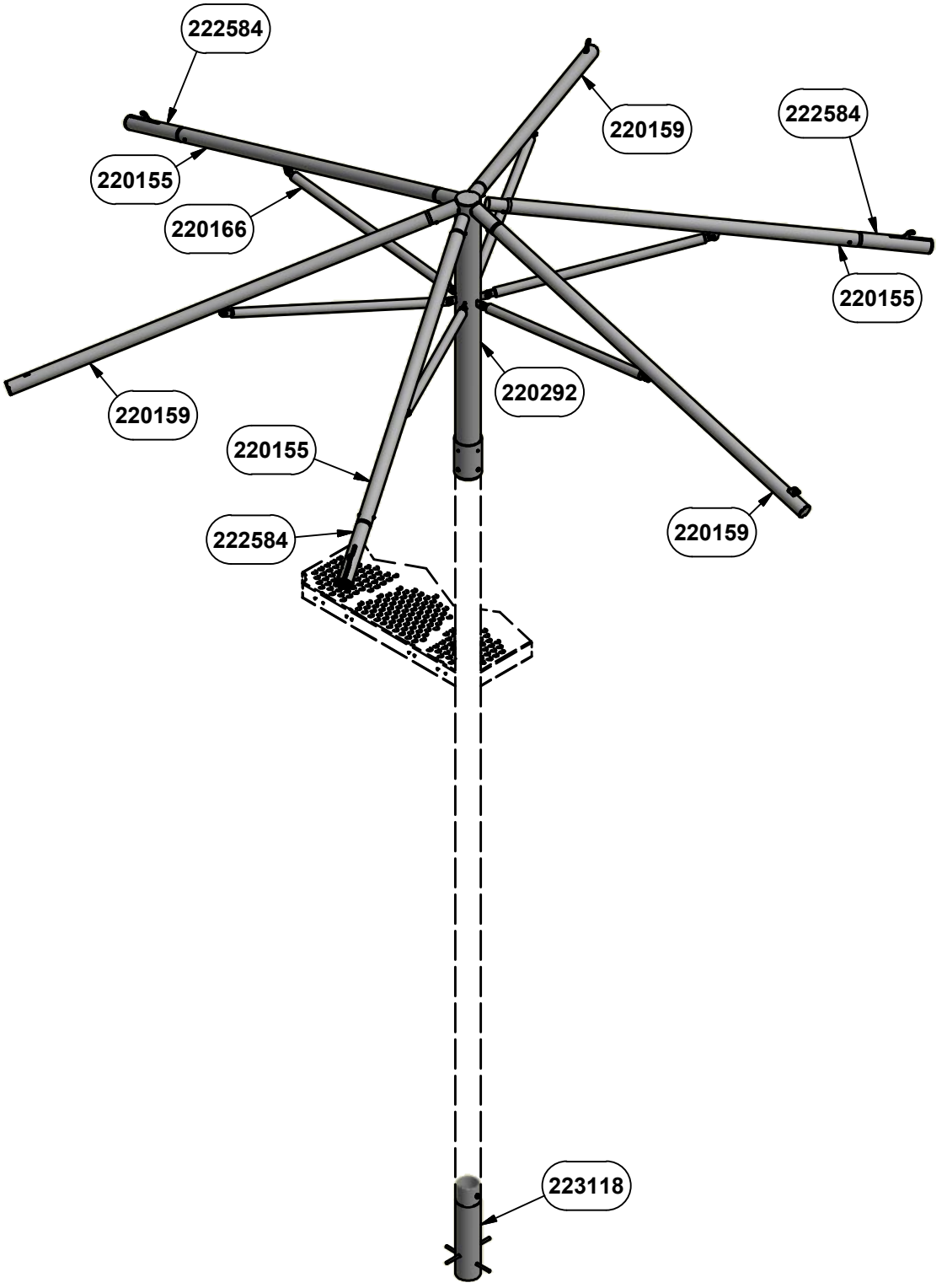
ASSEMBLY VIEW
91608 SHOWN
91609 SIMILAR

INSTALLATION INSTRUCTIONS

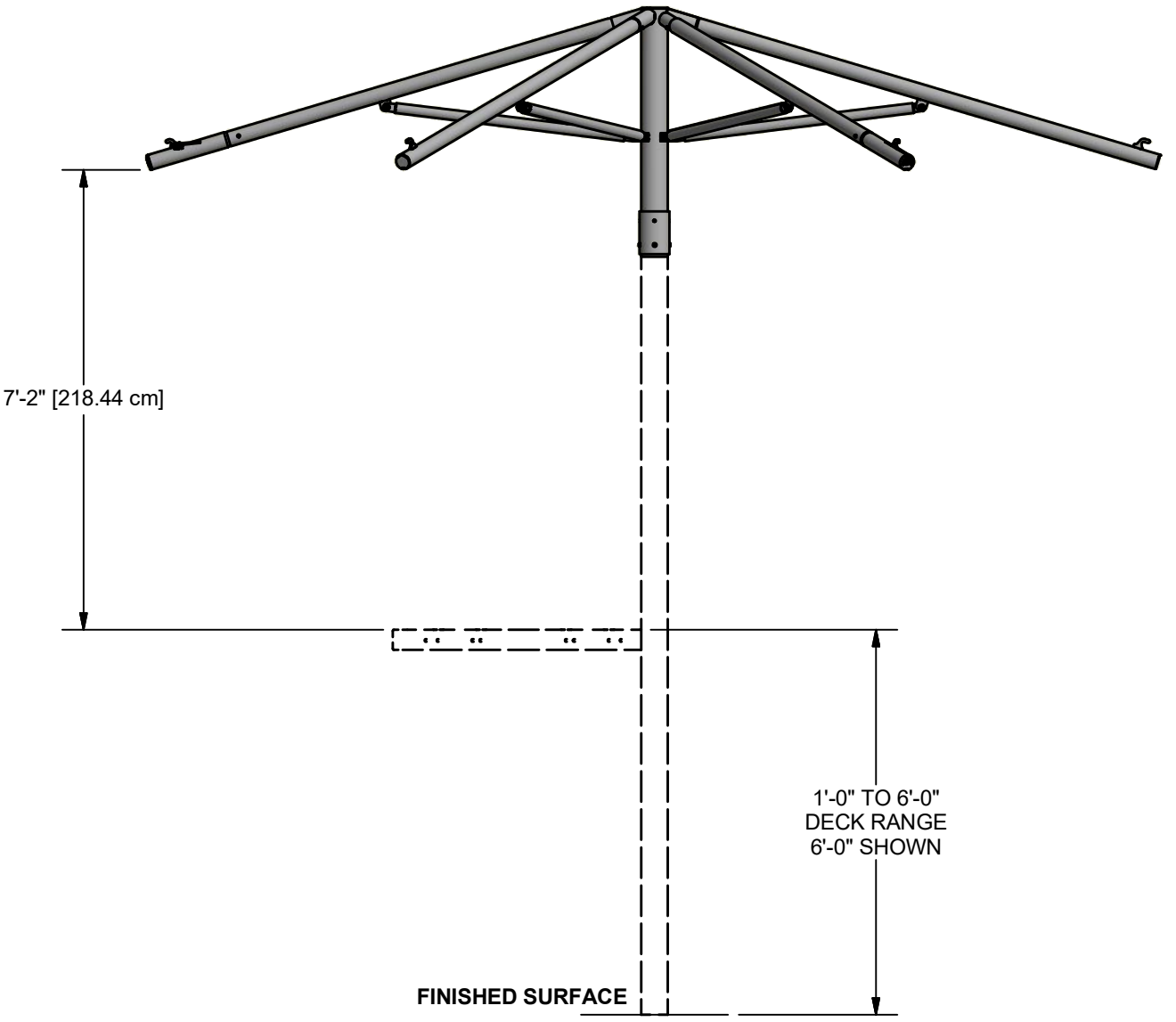
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



FRAME ASSEMBLY VIEW
91608

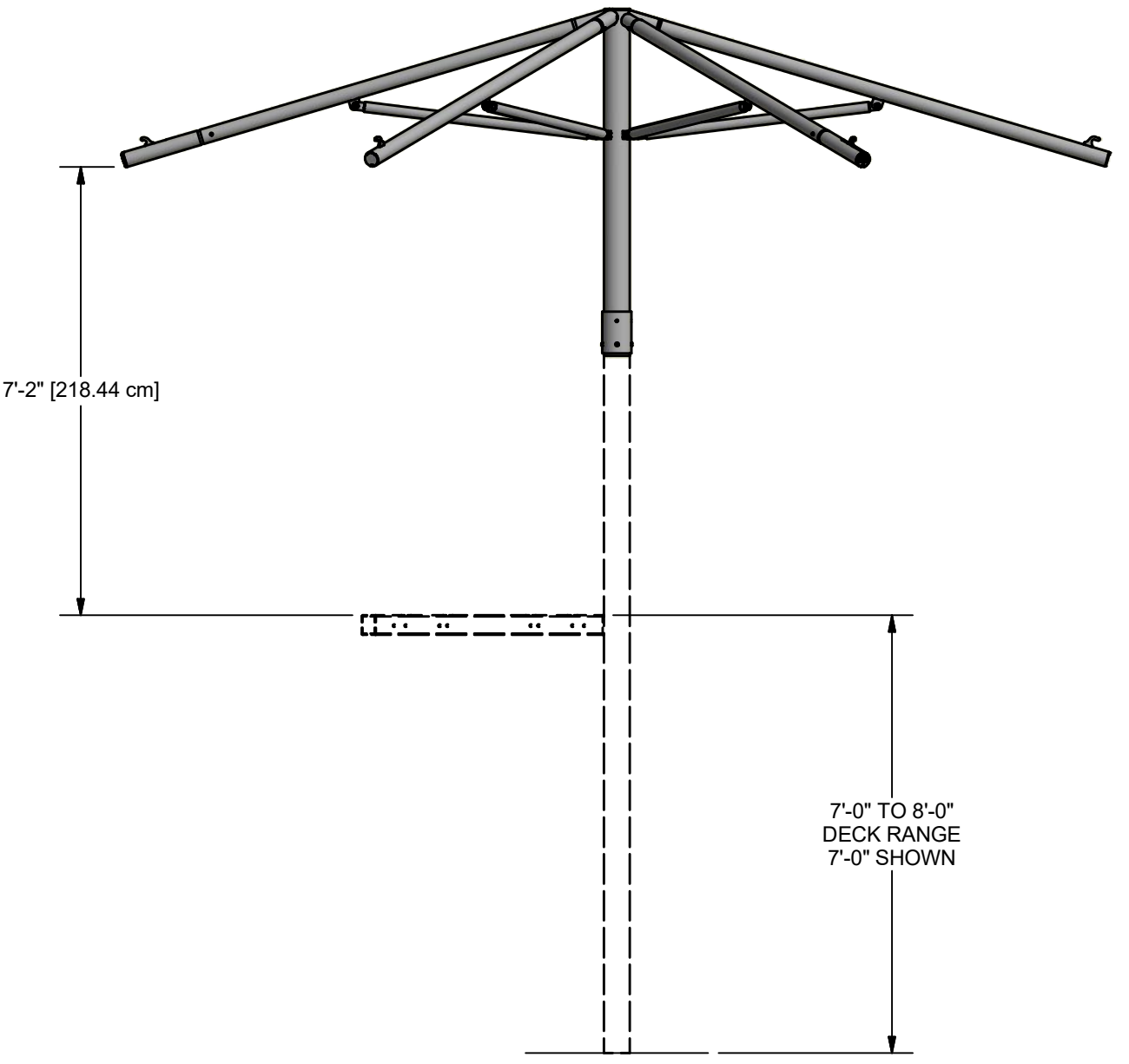


FRAME ASSEMBLY VIEW
91609



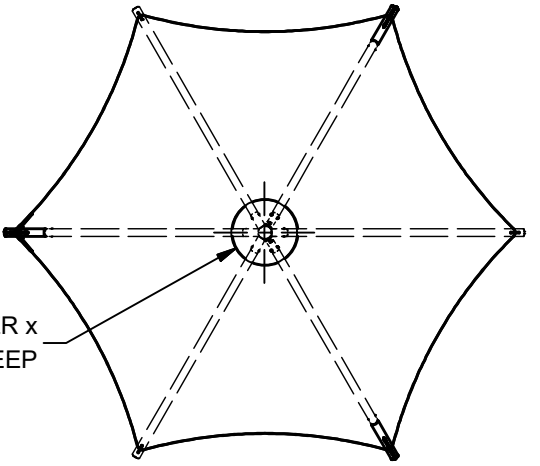
FRAME ELEVATION VIEW

91608



FRAME ELEVATION VIEW

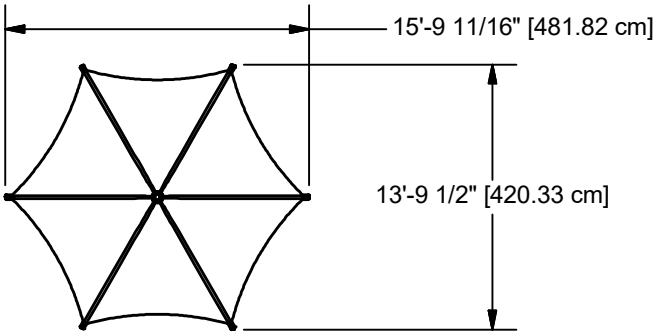
91609



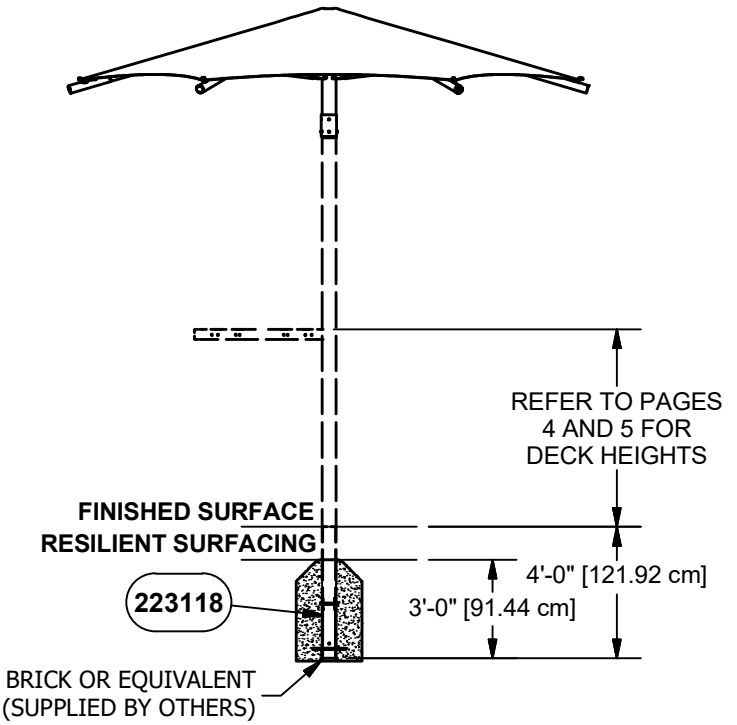
PLAN VIEW
91608 SHOWN
91609 SIMILAR

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.

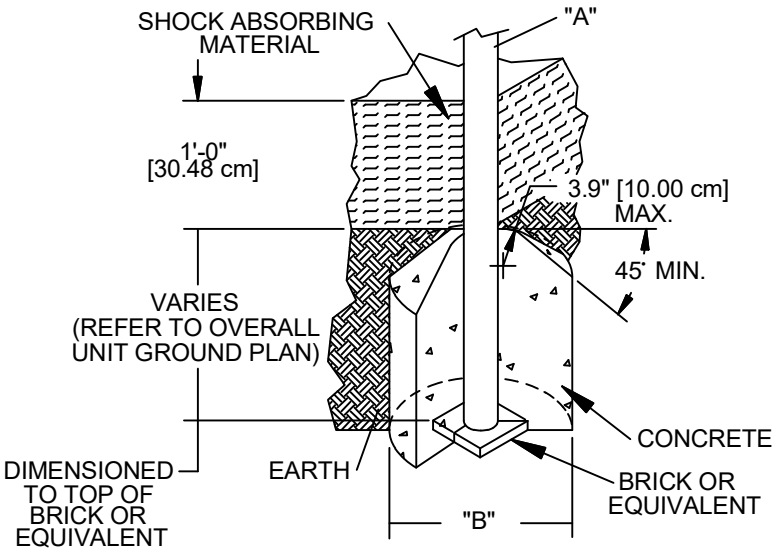
CONCRETE REQUIRED:
.35 CUBIC YARDS
[.27 CUBIC METERS]



TOP VIEW
91608 SHOWN
91609 SIMILAR



ELEVATION VIEW
91608 SHOWN
91609 SIMILAR

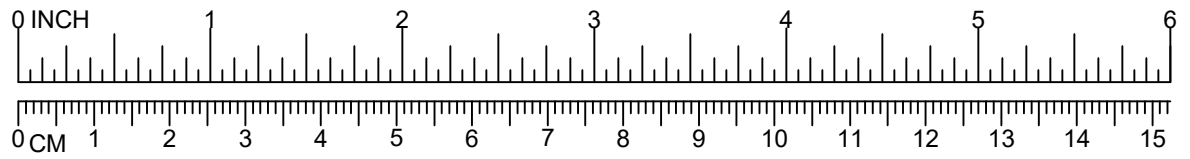


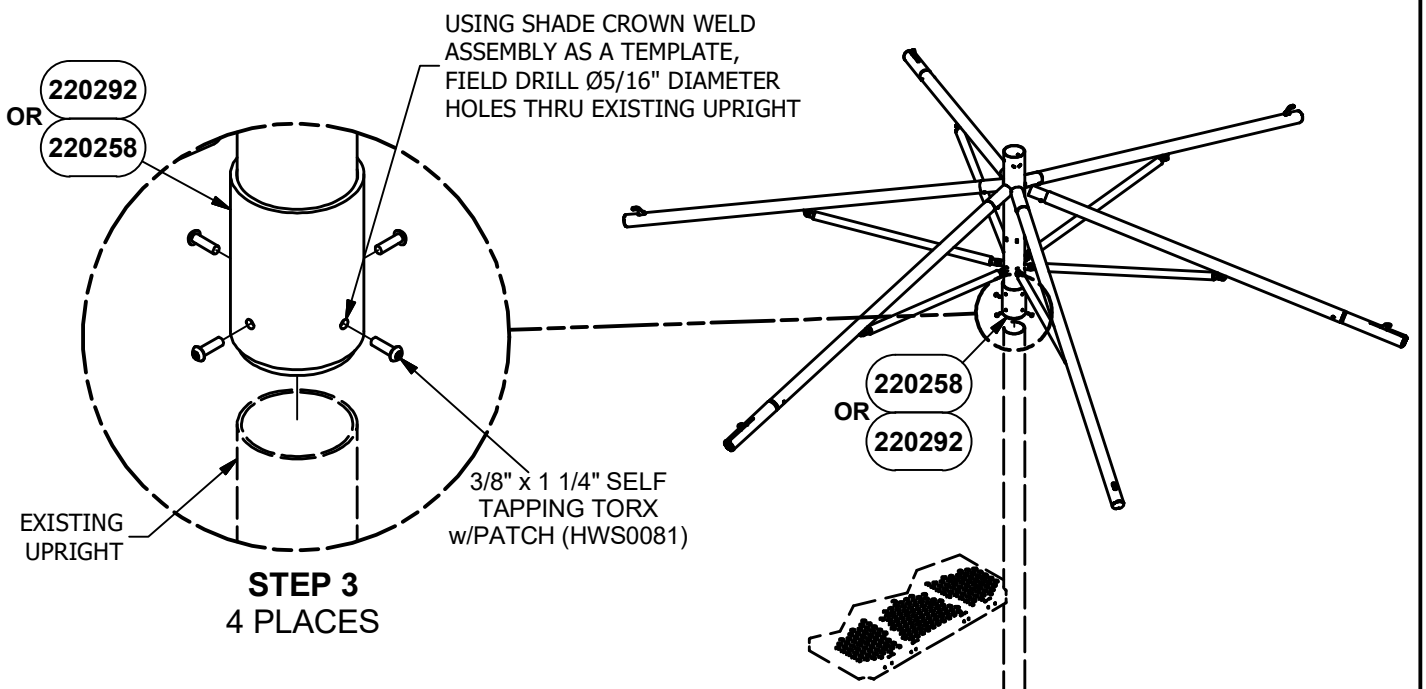
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]

NOTES:
-SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
-SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

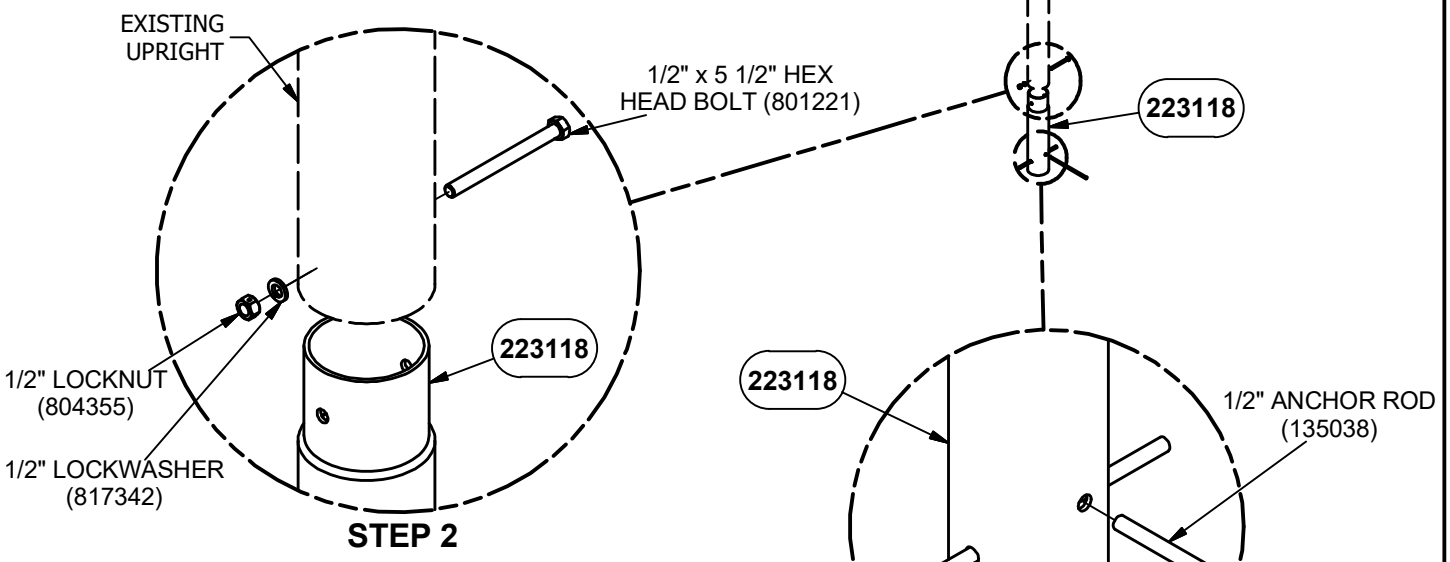
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

FOOTING DETAIL

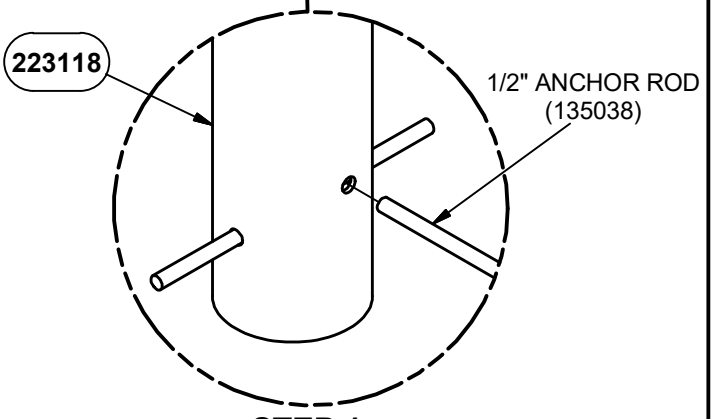




STEP 3
4 PLACES



STEP 2

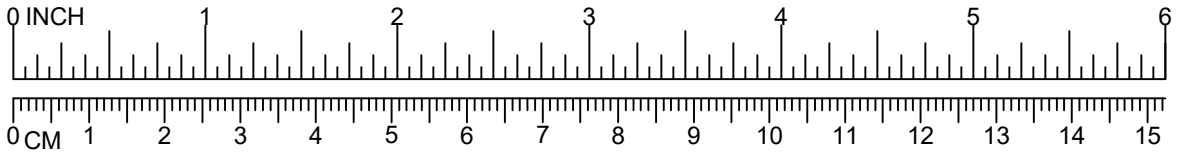


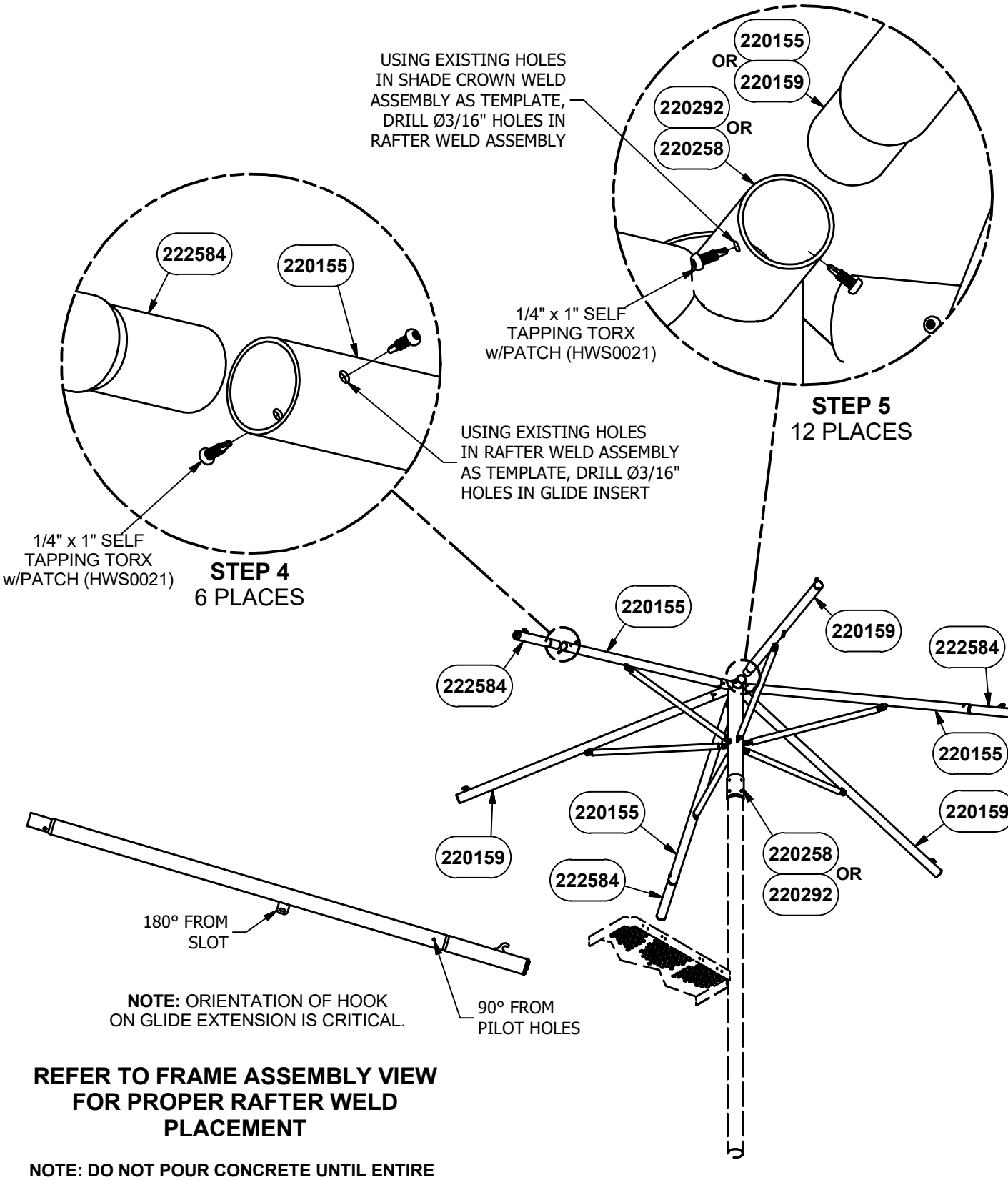
STEP 1
2 PLACES

REFER TO PARTS LIST AND FRAME ASSEMBLY VIEWS FOR PROPER SHADE CROWN WELD ASSEMBLY

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW



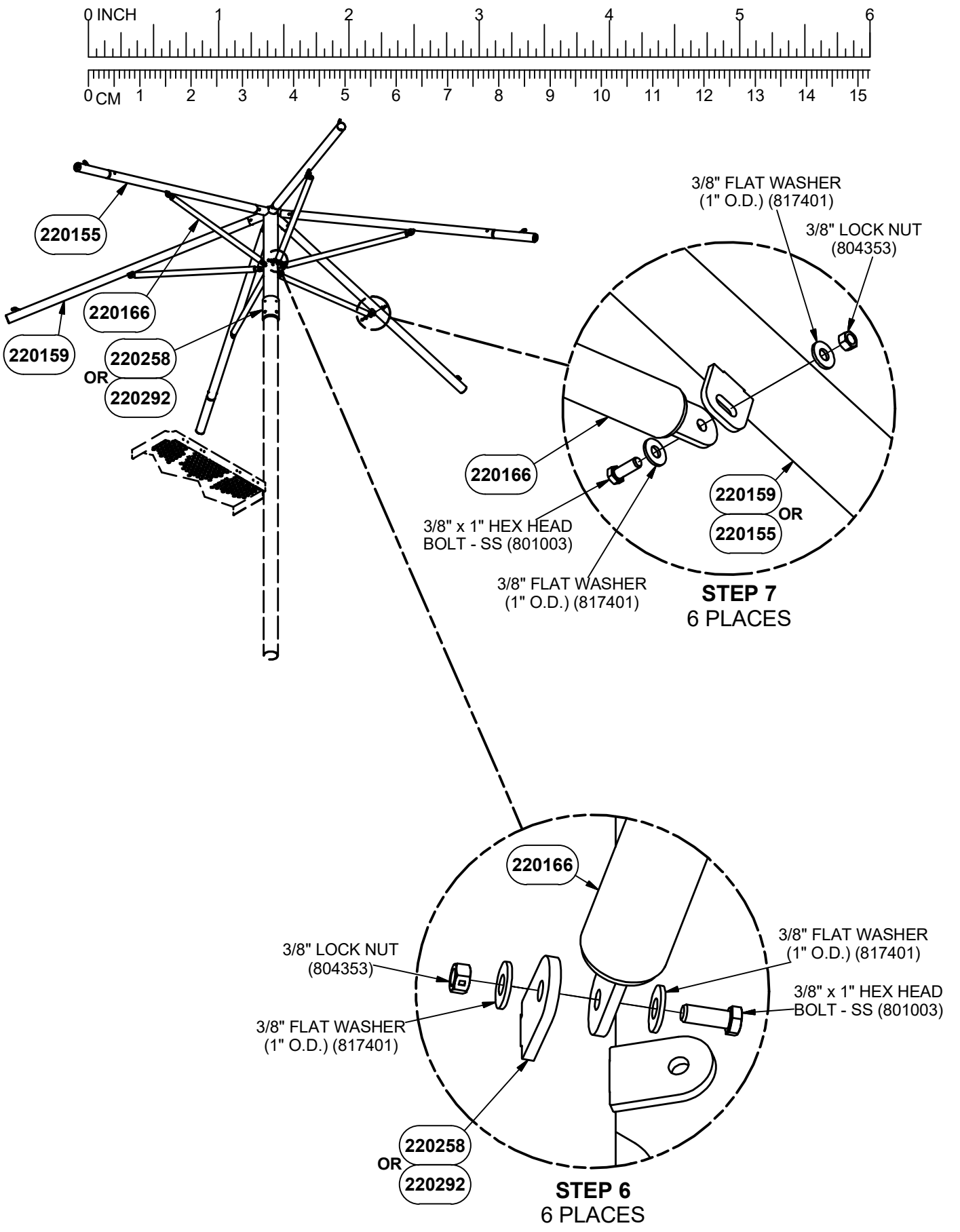


NOTE: ORIENTATION OF HOOK ON GLIDE EXTENSION IS CRITICAL.

REFER TO FRAME ASSEMBLY VIEW FOR PROPER RAFTER WELD PLACEMENT

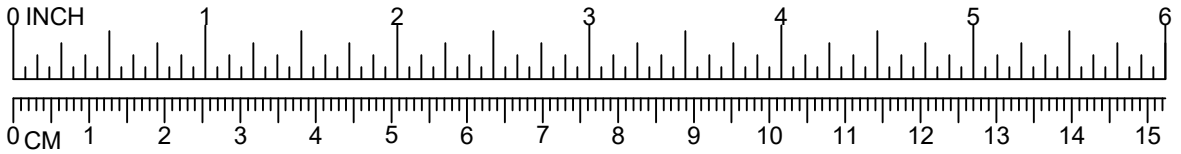
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

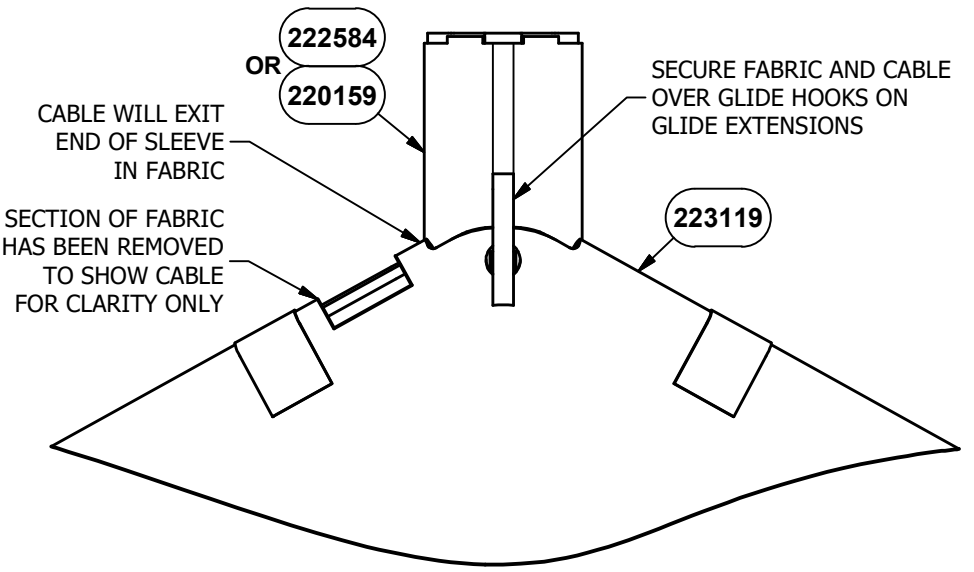
DETAIL VIEW



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW





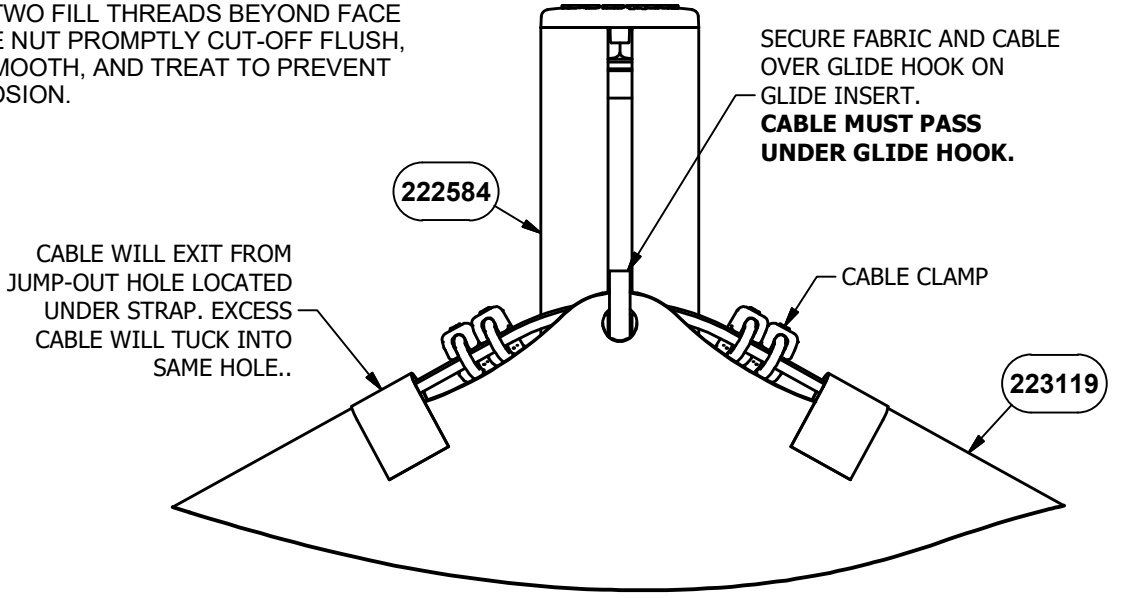
VIEW IS FROM TOP OF SHADE FABRIC

STEP 8
5 PLACES

NOTE: ADD LOCTITE (SUPPLIED BY OTHERS) TO BOLTED CONNECTIONS.

NOTE: CABLE CLAMP MUST BE INSTALLED WITH NUTS FACING DOWN. CLAMPS MUST BE TOUCHING EACH OTHER.

NOTE: ANY BOLT END PROTRUDING MORE THAN TWO FILL THREADS BEYOND FACE OF THE NUT PROMPTLY CUT-OFF FLUSH, FILE SMOOTH, AND TREAT TO PREVENT CORROSION.

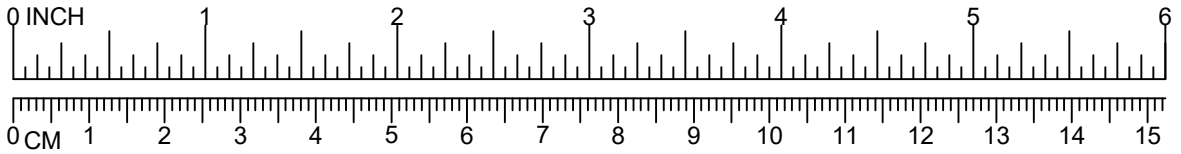


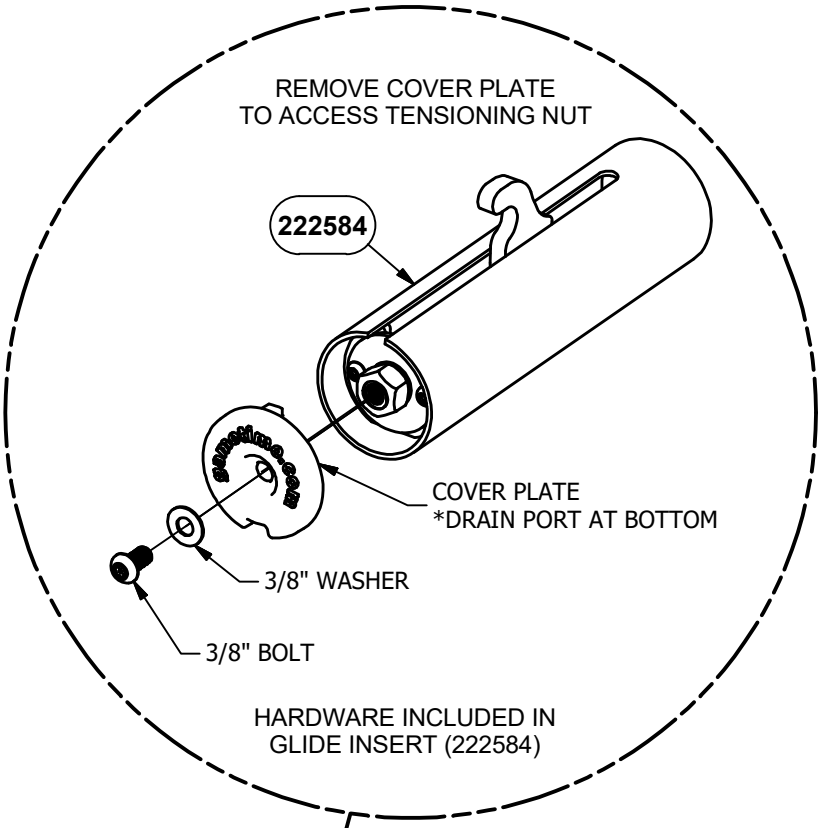
VIEW IS FROM TOP OF SHADE FABRIC

STEP 9

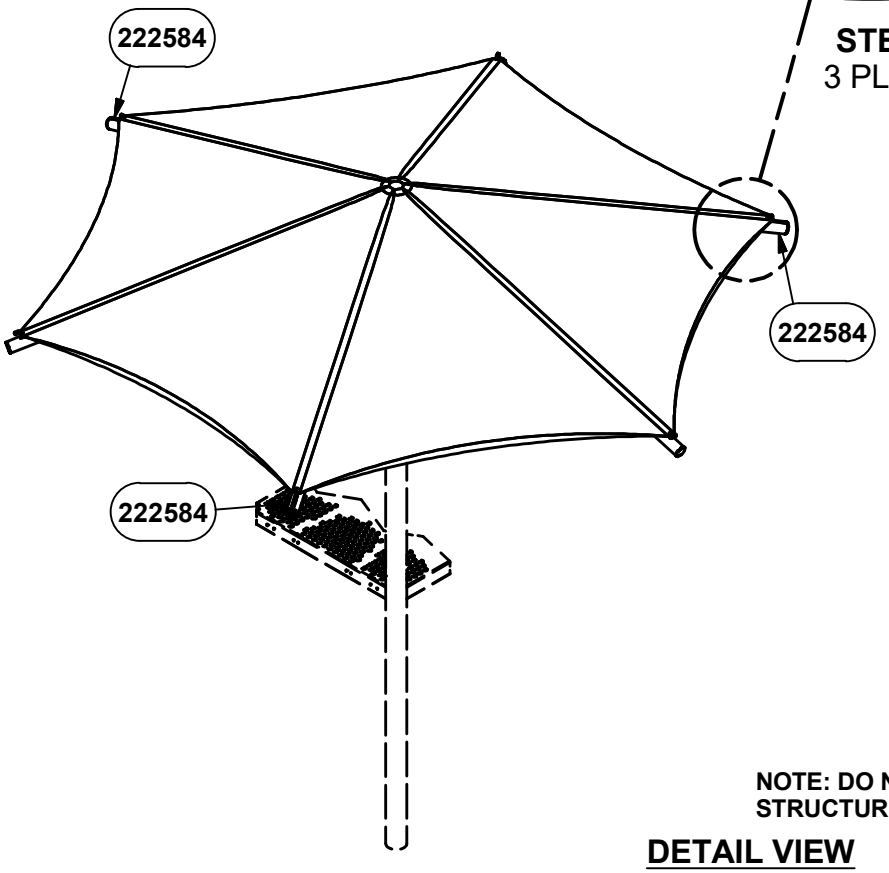
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW





STEP 10
3 PLACES



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

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 condition

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 Anchor Rods to In-Ground Extension. **REFER TO PAGE 8.**

STEP 2: Attach In-Ground Extension to Upright. **REFER TO PAGE 8.**

STEP 3: Attach Shade Crown Weld Assembly to Upright. Using Shade Crown Weld Assembly as a template, field drill Ø5/16" diameter holes thru existing upright. **REFER TO PAGE 8.**

STEP 4: Attach Glide Inserts to Rafter Weld Assemblies (220155). Using existing holes in Rafter Weld Assembly as template, drill Ø3/16" holes in Glide Insert and install Self Tapping Screws.. **REFER TO PAGE 9.**

STEP 5: Attach Rafter Weld Assemblies to Shade Crown Weld Assembly. Uisng existing holes in Shade Crown Weld Assembly as template, drill Ø3/16" holes in Rafter Weld Assembly and install using Self Tapping Screws. **REFER TO PAGE 9.**

STEP 6: Attach Strut Weld Assemblies to Shade Crown Weld Assembly. **REFER TO PAGE 10.**

STEP 7: Attach Strut Weld Assemblies to Rafter Weld Assemblies. **REFER TO PAGE 10.**

NOTE: FOLLOWING STEPS TO BE COMPLETED AFTER CONCRETE HAS CURED APPROXIMATELY 48 HOURS.

STEP 8: Starting at any corner thread the steel cable through the jump-out hole under loop at the edge of the shade fabric until it comes out the end of the sleeve at the next corner. Continue threading cable through sleeve all the way around the shade fabric until the entire shade fabric has been encircled. Cable will exit through jump-out hole on the same corner it was started. Leave a loop of approximately 9 inches at each non-tensioning corner. Spread the shade fabric over the frame and secure corners to the Glide Hooks. It may be necessary to flap the loose corners up and down to stretch the shade fabric so that it fits over the Glide Hooks. **NOTE:** The Steel Cable must always pass under the Glide Hooks. **REFER TO PAGE 11.**

STEP 9: Pull tight by hand then using the clamps provided, fasten the steel cables together. All clamps must be used. After clamps are tightened, thread the excess steel cable back into the jump-out holes in the shade fabric. **NOTE:** If any portion of the steel cable was bent/kinked during the tensioning process, it must be straightened by bending the steel cable back in the opposite direction of the bend. **REFER TO PAGE 11.**

STEP 10: Remove Cover Plate from Glide Insert to access tensioning nut. Take turns tensioning each Glide Insert in small increments. Make sure that the steel cables cross each other at the corner where the steel cable ends. DO NOT OVER TENSION! You can test the tightness of the shade fabric by hitting the perimeter steel cable with the palm of your hand to see how much it moves. If the shade fabric does not move more than 6" up or down then you have the correct tension. If the shade fabric bounces and has a ripple affect then you may need to apply more tension. Attach Cover Plate to Glide Insert. **REFER TO PAGE 12.**

Parts List			
DESCRIPTION	91608	91609	PART NUMBER
SHADE CROWN WELD ASSEMBLY	1	0	220258
SHADE CROWN WELD ASSEMBLY	0	1	220292
GLIDE INSERT	3	3	222584
RAFTER WELD ASSEMBLY	3	3	220155
RAFTER WELD ASSEMBLY	3	3	220159
STRUT WELD ASSEMBLY	6	6	220166
IN-GROUND EXTENSION	1	1	223118
15' HEX FABRIC PACKAGE	1	1	223119
15' HEX SHADE FABRIC	1	1	**
CABLE (3/16" DIAMETER 55' LG)	1	1	**
CABLE CLAMP	4	4	**
HARDWARE COMPLETE	1	1	220298
1/4" x 1" SELF TAPPING TORX w/PATCH	18	18	HWS0021*
3/8" x 1 1/4" SELF TAPPING TORX w/PATCH	4	4	HWS0081*
3/8" x 1" HEX HEAD BOLT - SS	12	12	801003*
3/8" FLAT WASHER (1" O.D.)	24	24	817401*
3/8" LOCK NUT	12	12	804353*
1/2" x 5 1/2" HEX HEAD BOLT	1	1	801221*
1/2" LOCKWASHER	1	1	817342*
1/2" LOCKNUT	1	1	804355*
1/2" ANCHOR ROD	2	2	135038*

Unless Otherwise Specified, All Units of Measure are Each
** Included in Hardware*
*** Included in 15' Hex Fabric 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 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.

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ISSUED/REVISED: 6/27/2022

91617

HI-LINE CLIMBING LINK

1 DECK SPAN 0' RISE	91617
1 DECK SPAN 1' RISE	91618
2 DECK SPAN 0' RISE	91619
2 DECK SPAN 1' RISE	91620
2 DECK SPAN 2' RISE	91621
2 DECK SPAN 3' RISE	91622

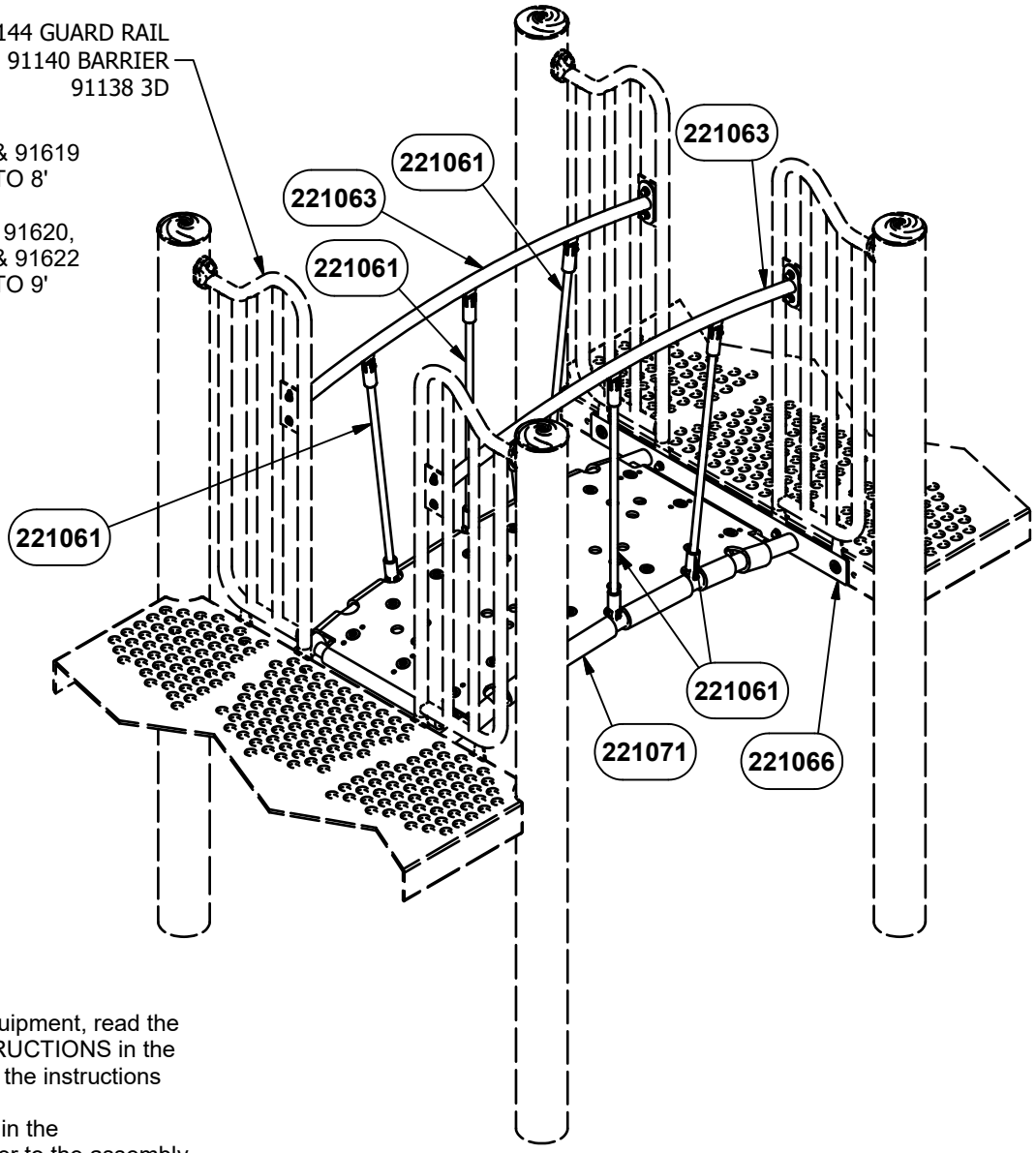
This play equipment is designed for CHILDREN 2 TO 5 YEARS OLD Adult supervision is recommended Enriching Childhood Through Play™ www.gametime.com

UP TO 5'

This play equipment is designed for CHILDREN 5 TO 12 YEARS OLD Adult supervision is recommended Enriching Childhood Through Play™ www.gametime.com

91617 & 91619
UP TO 8'

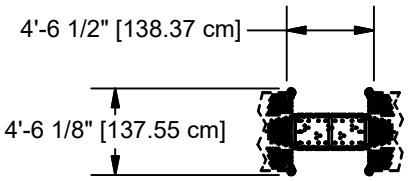
91618, 91620,
91621 & 91622
UP TO 9'



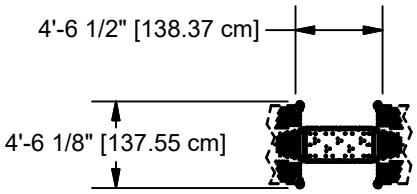
ASSEMBLY VIEW
91617 SHOWN
OTHERS SIMILAR

INSTALLATION INSTRUCTIONS

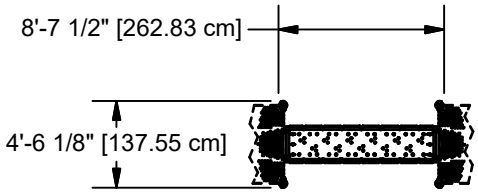
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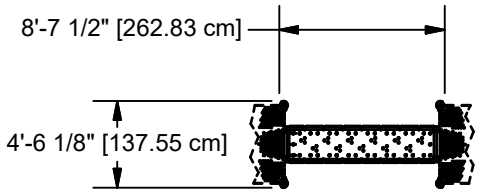
TOP VIEW
91617



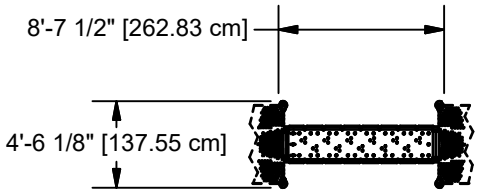
TOP VIEW
91618



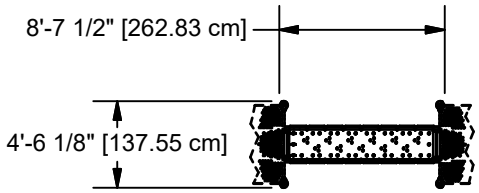
TOP VIEW
91619



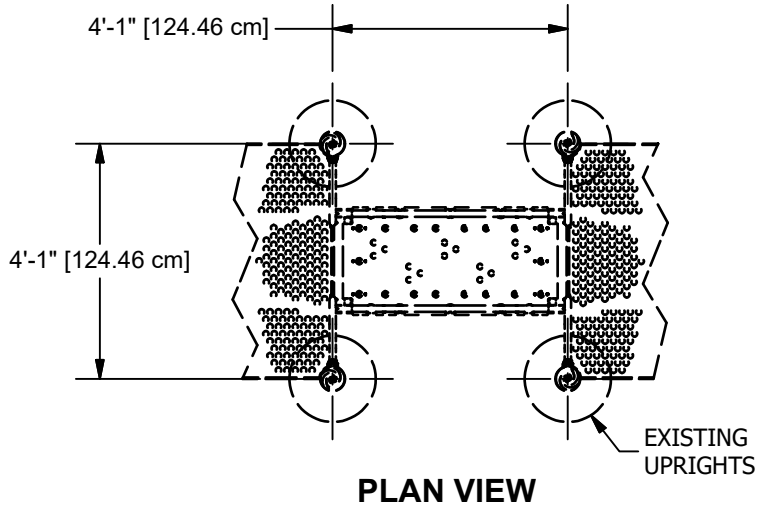
TOP VIEW
91620



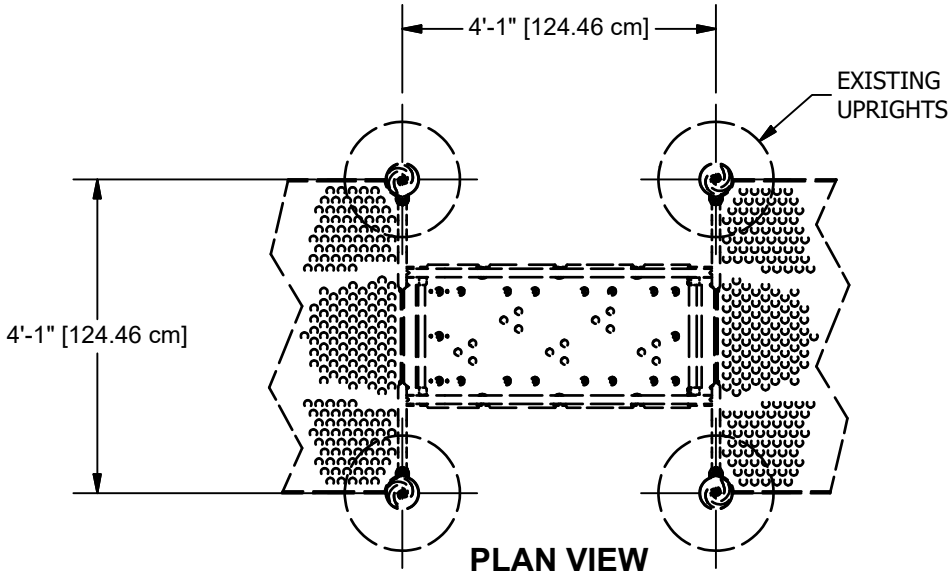
TOP VIEW
91621



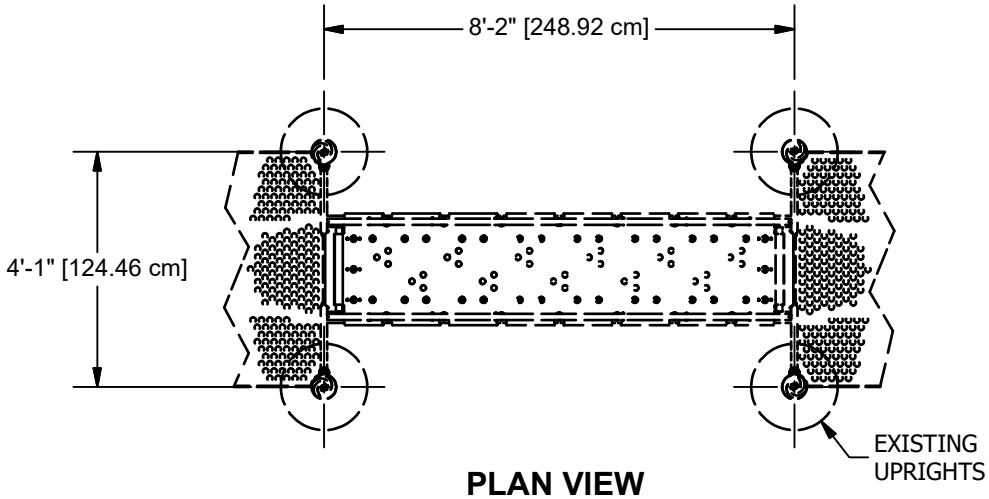
TOP VIEW
91622



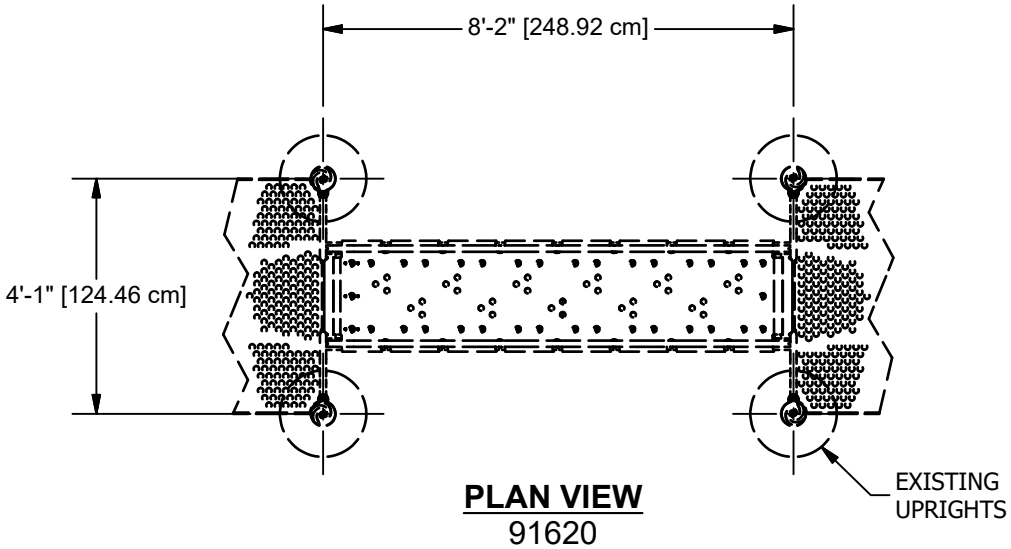
PLAN VIEW
91617



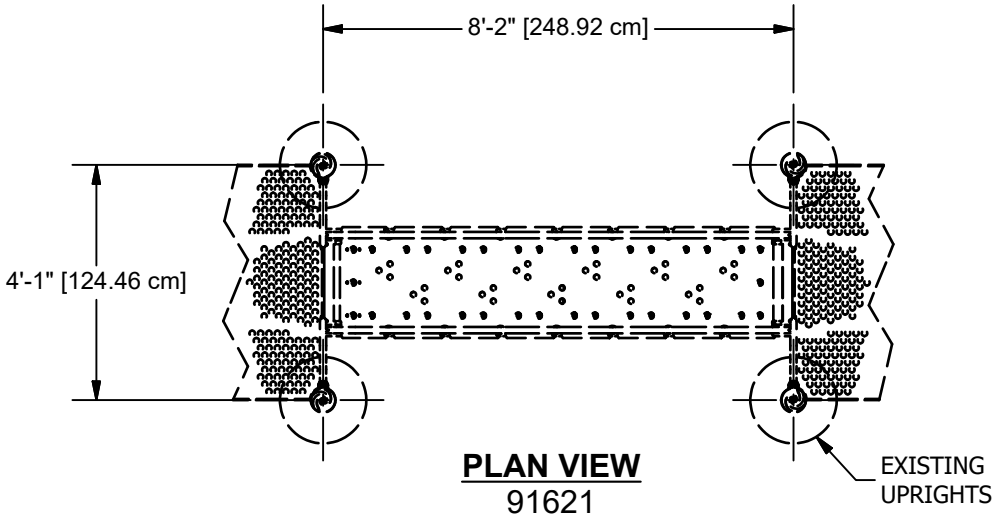
PLAN VIEW
91618



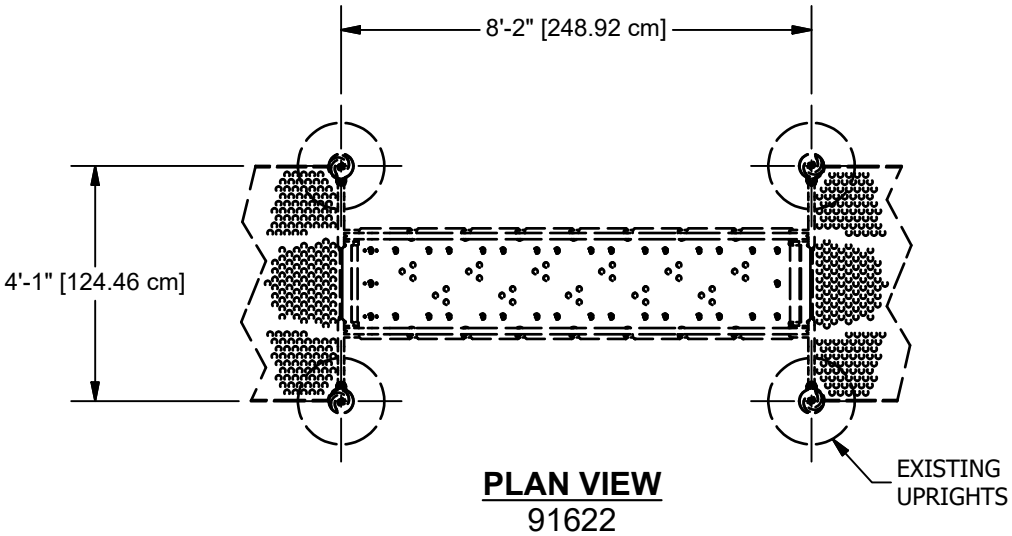
PLAN VIEW
91619



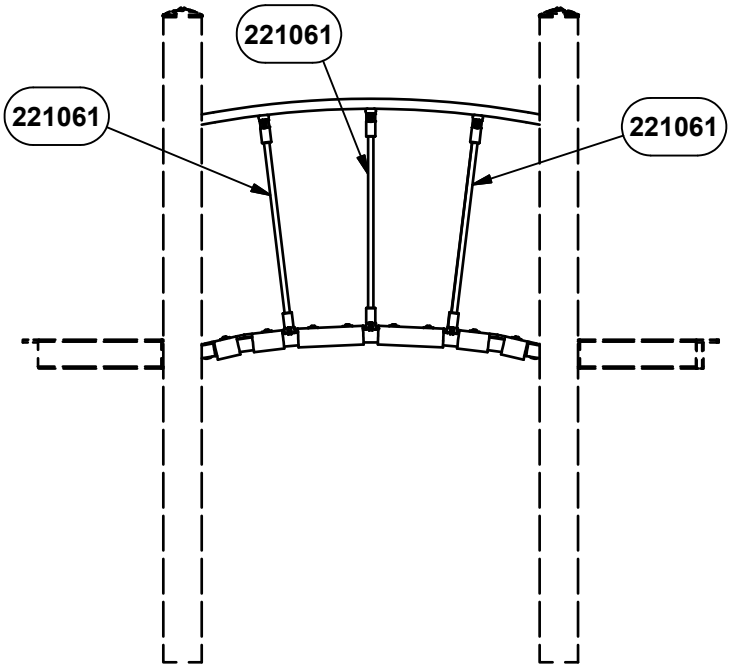
PLAN VIEW
91620



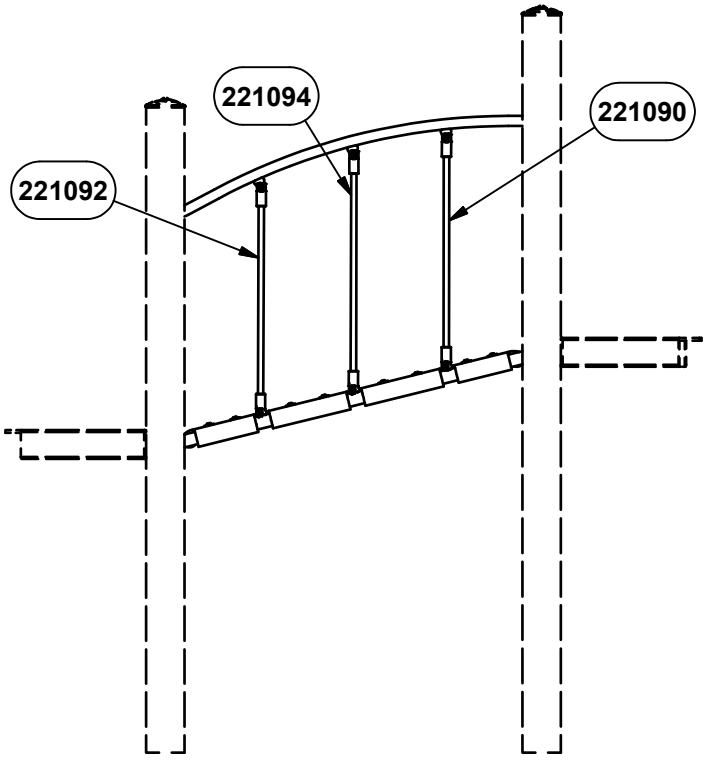
PLAN VIEW
91621



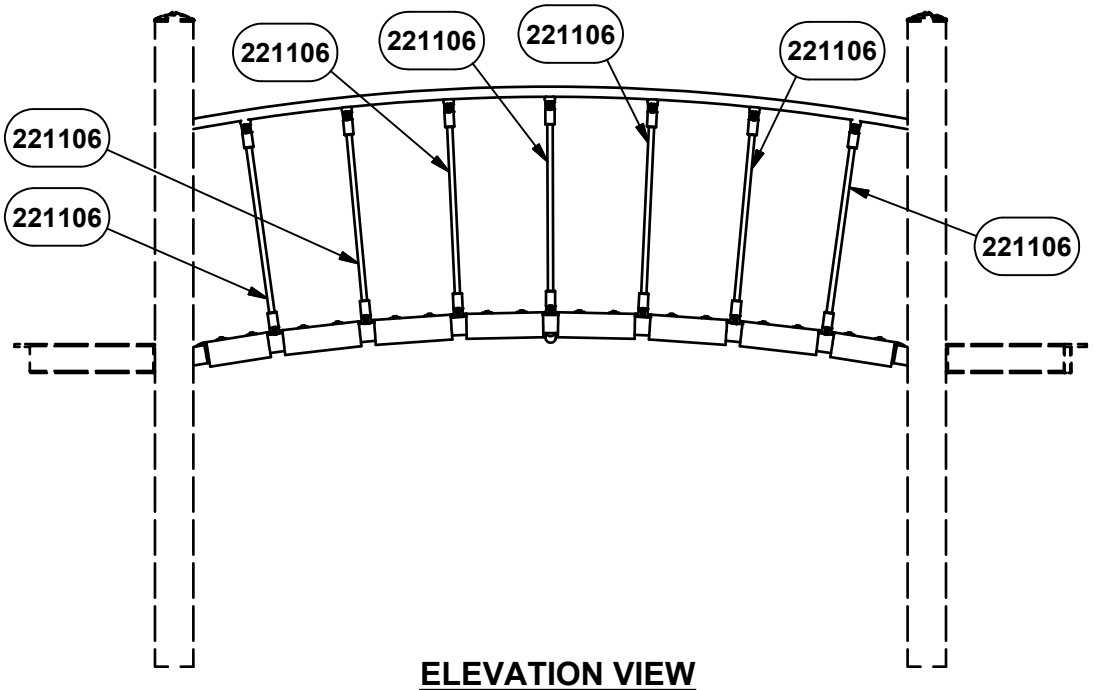
PLAN VIEW
91622



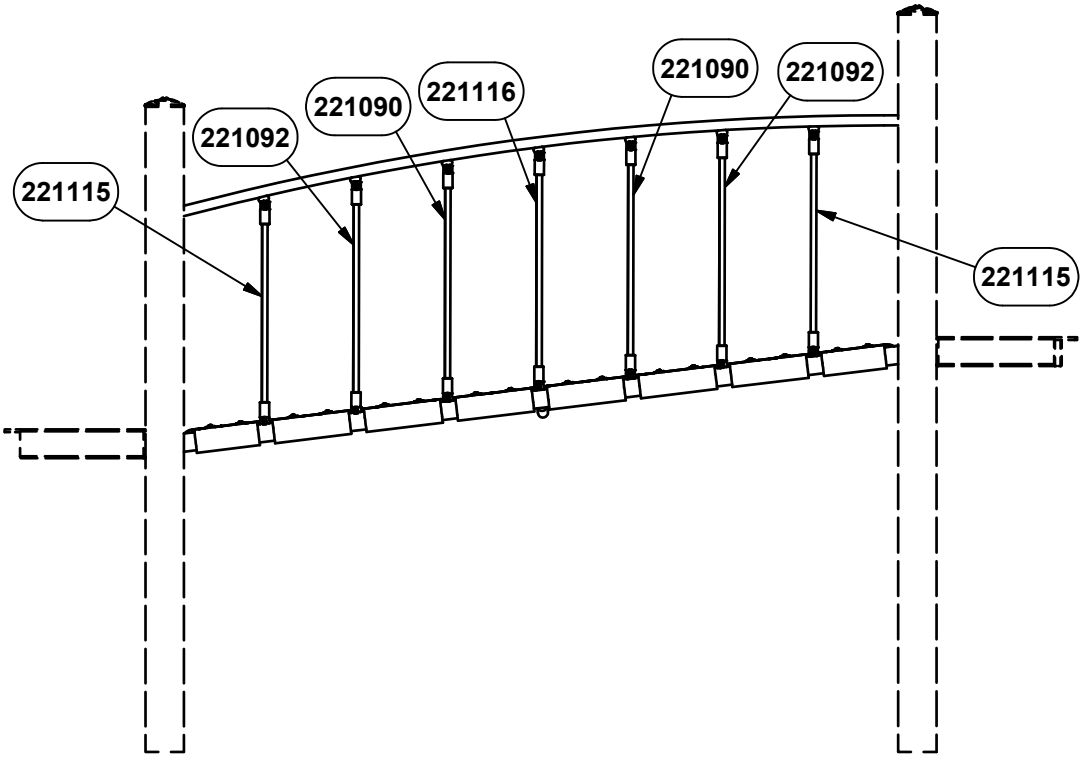
ELEVATION VIEW
91617



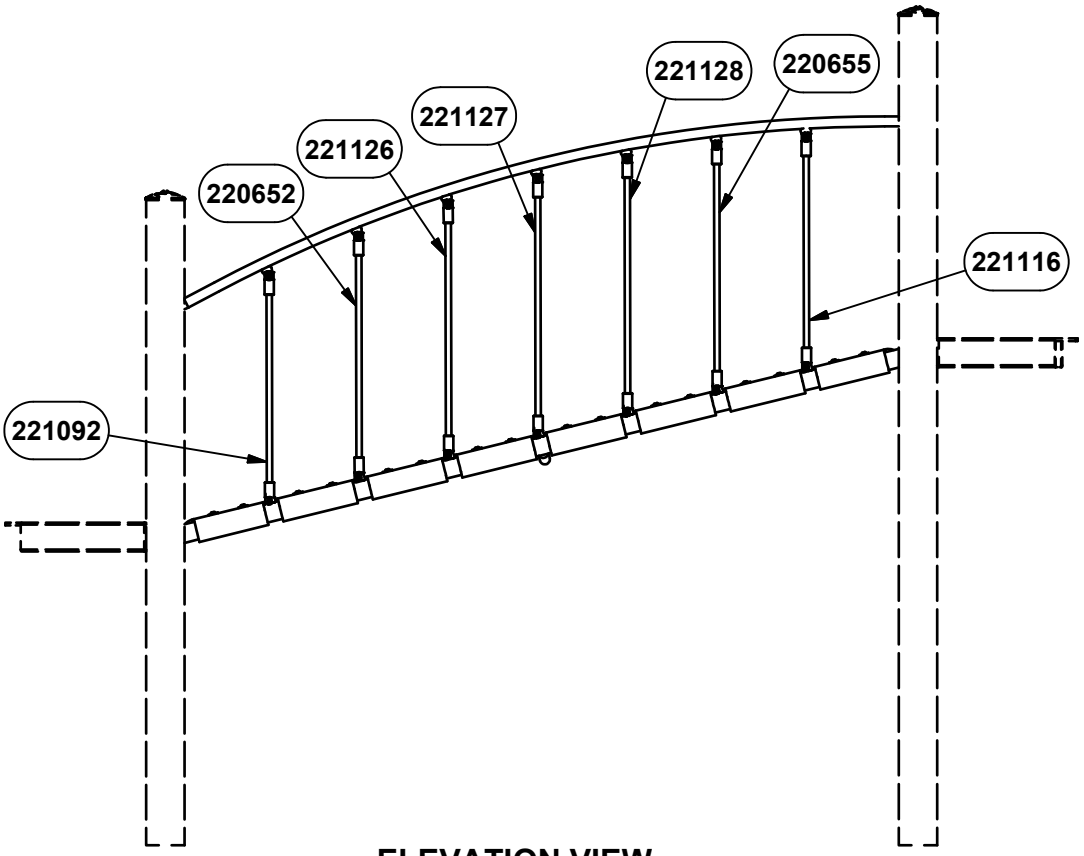
ELEVATION VIEW
91618



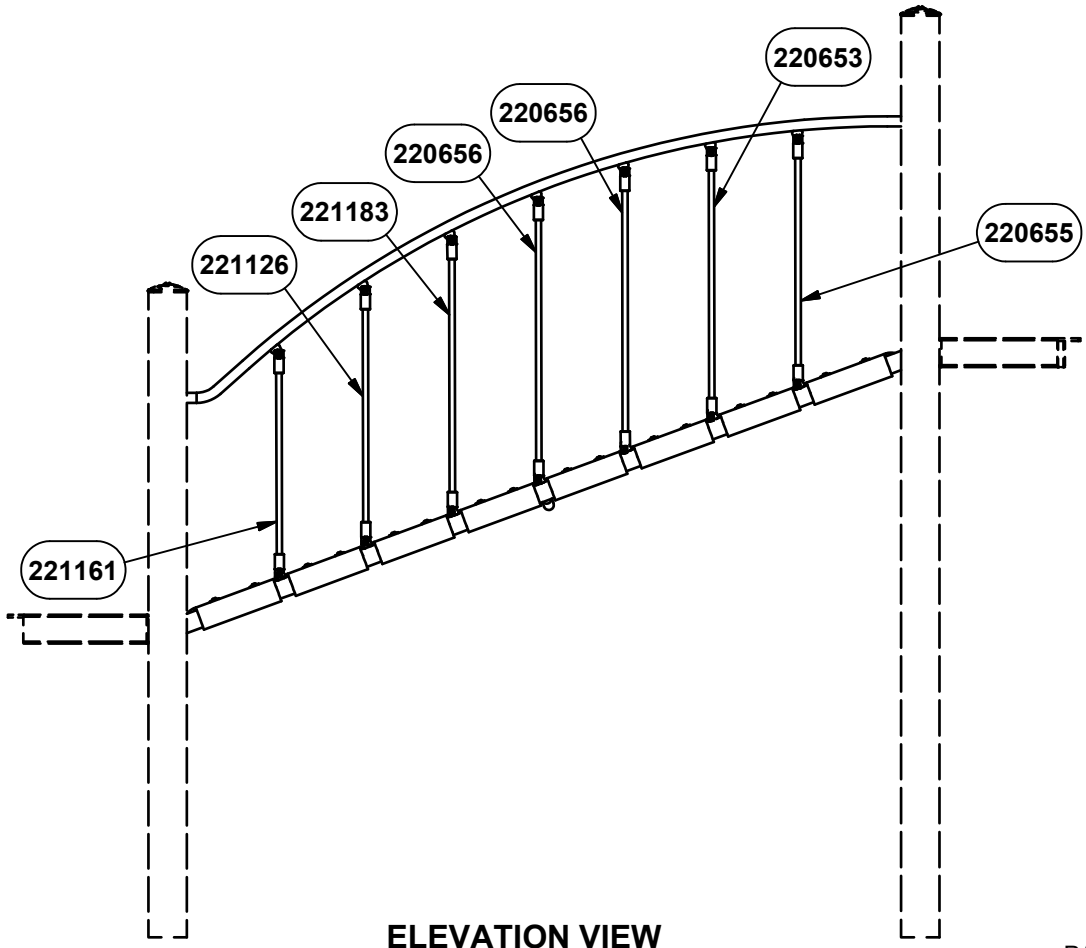
ELEVATION VIEW
91619



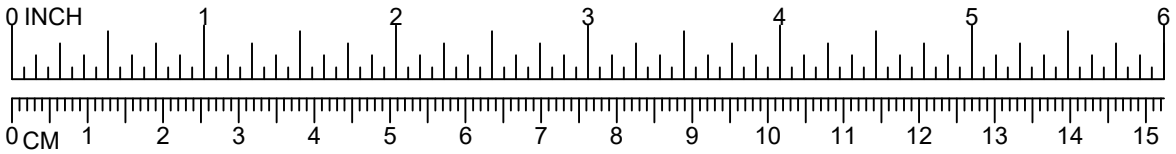
ELEVATION VIEW
91620

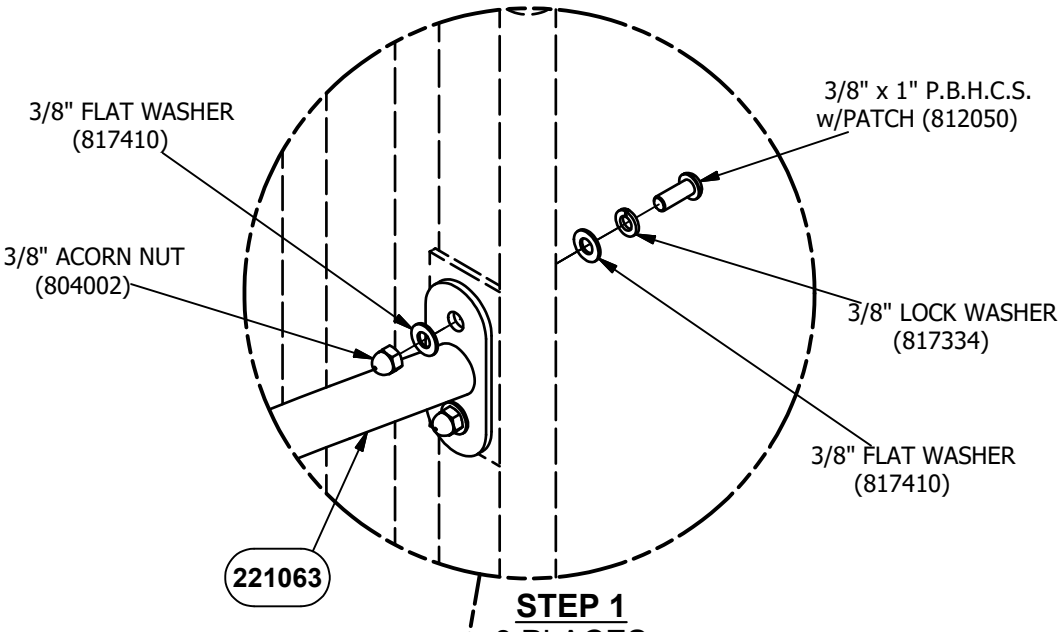


ELEVATION VIEW
91621

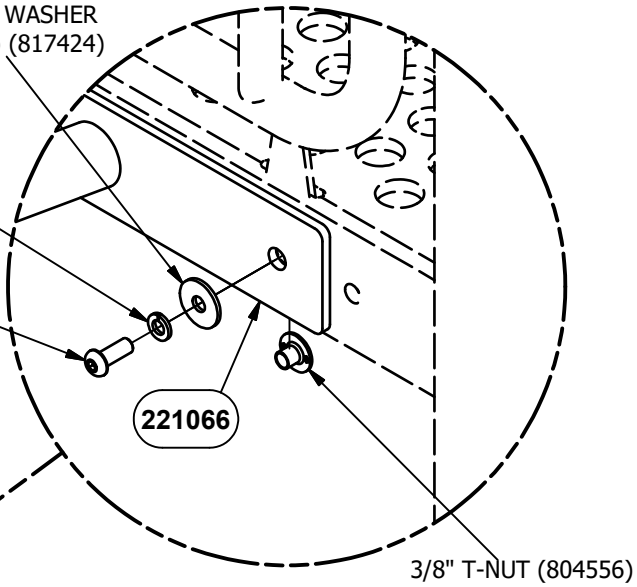


ELEVATION VIEW
91622

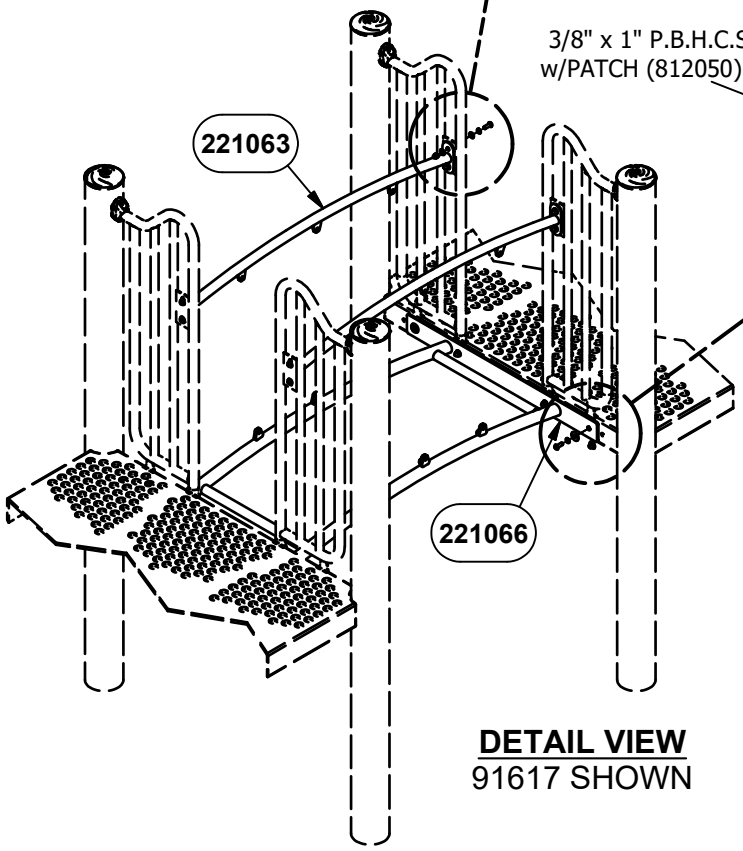




STEP 1
8 PLACES

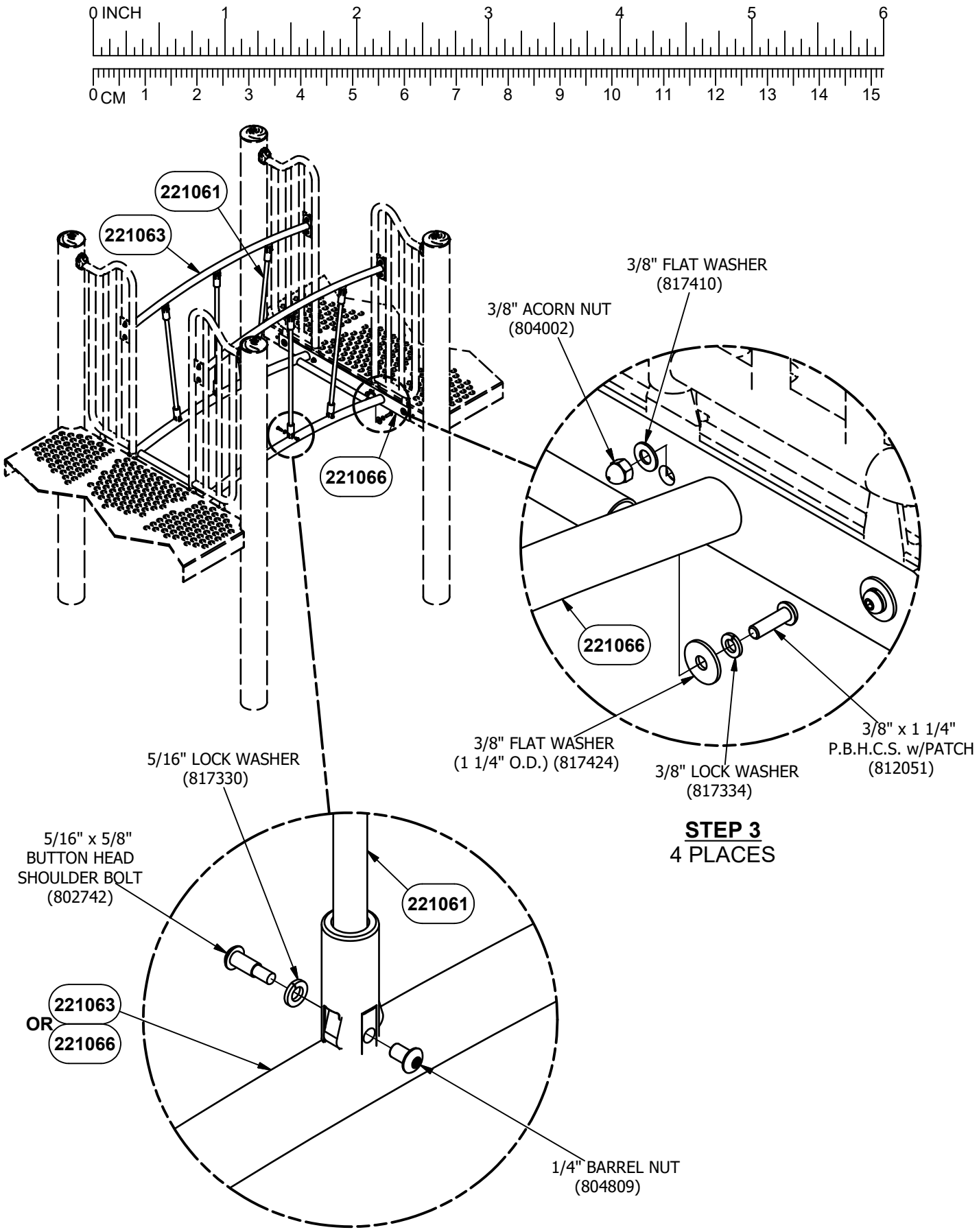


STEP 2
4 PLACES



DETAIL VIEW
91617 SHOWN

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

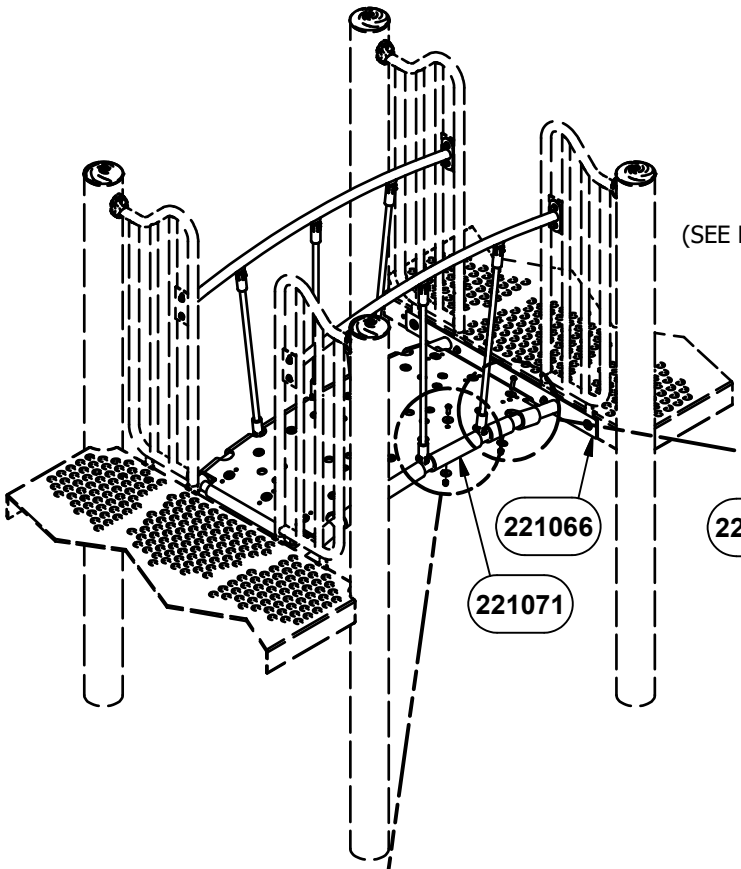


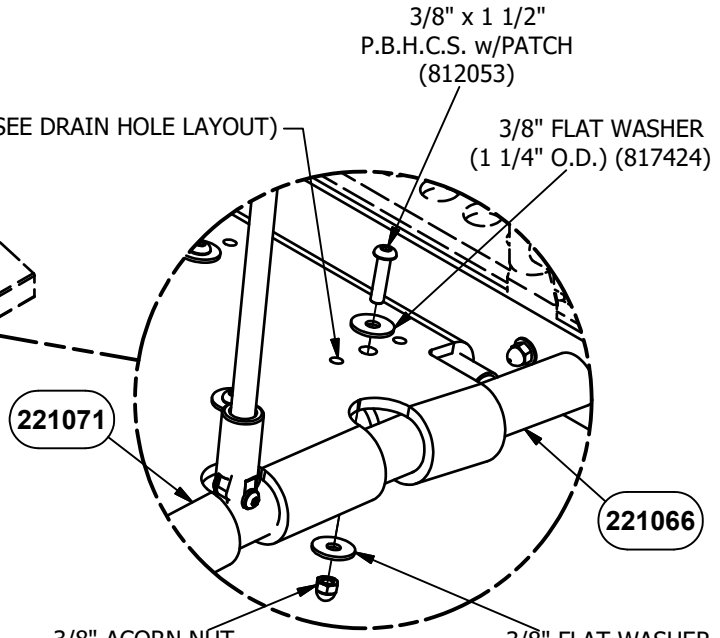
STEP 3
4 PLACES

STEP 4
12 PLACES

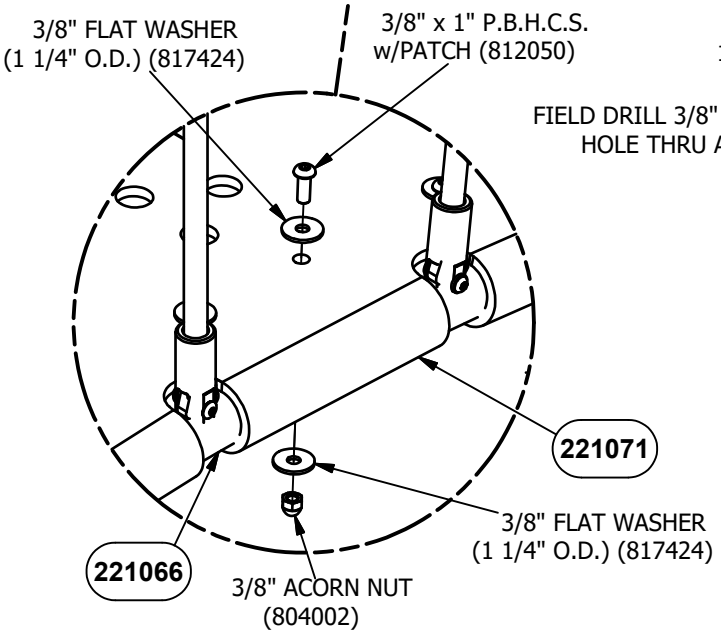
NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW
91617 SHOWN

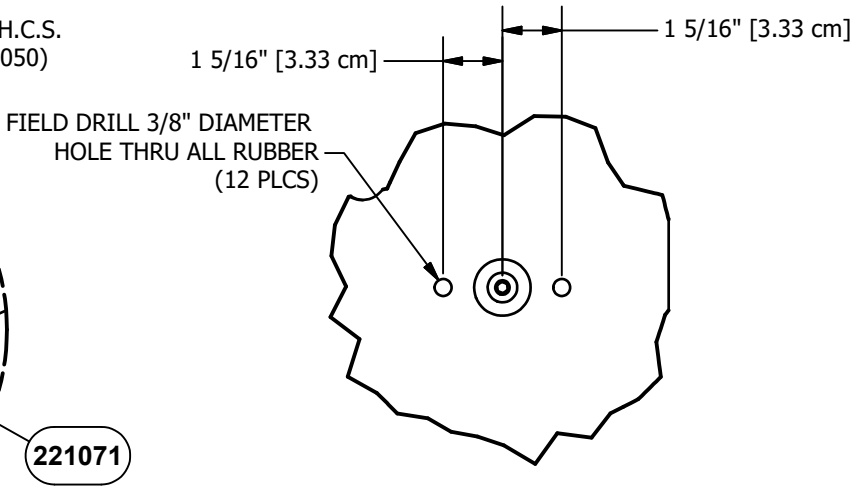




STEP 5
4 PLACES



STEP 6
14 PLACES



DRAIN HOLE LAYOUT
6 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW
91617 SHOWN

Parts List							
DESCRIPTION	91617	91618	91619	91620	91621	91622	PART NUMBER
TOP RAIL WELD ASSEMBLY	2	0	0	0	0	0	221063
TOP RAIL WELD ASSEMBLY	0	2	0	0	0	0	221085
TOP RAIL WELD ASSEMBLY	0	0	2	0	0	0	221101
TOP RAIL WELD ASSEMBLY	0	0	0	2	0	0	221109
TOP RAIL WELD ASSEMBLY	0	0	0	0	2	0	221121
TOP RAIL WELD ASSEMBLY	0	0	0	0	0	2	220649
BOTTOM SUPPORT WELD ASSEMBLY	1	0	0	0	0	0	221066
BOTTOM SUPPORT WELD ASSEMBLY	0	1	0	0	0	0	221088
BOTTOM SUPPERT WELD ASSEMBLY	0	0	1	0	0	0	221104
BOTTOM SUPPORT WELD ASSEMBLY	0	0	0	1	0	0	221112
BOTTOM SUPPORT WELD ASSEMBLY	0	0	0	0	1	0	221124
RUBBER MAT FRAME WELD ASSEMBLY	0	0	0	0	0	1	220643
RUBBER MAT	1	0	0	0	0	0	221071
RUBBER MAT	0	1	0	0	0	0	221083
RUBBER MAT	0	0	1	0	0	0	221099
RUBBER MAT	0	0	0	1	0	0	221114
RUBBER MAT	0	0	0	0	1	0	221129
RUBBER MAT	0	0	0	0	0	1	220651
CABLE ASSEMBLY	6	0	0	0	0	0	221061
CABLE 1 ASSEMBLY	0	0	0	0	2	0	220652
CABLE 2 ASSEMBLY	0	0	0	0	0	2	220653
CABLE 4 ASSEMBLY	0	0	0	0	2	2	220655
CABLE 5 ASSEMBLY	0	0	0	0	0	4	220656
CABLE ASSEMBLY 1	0	2	0	4	0	0	221090
CABLE ASSEMBLY 2	0	2	0	4	2	0	221092
CABLE ASSEMBLY 3	0	2	0	0	0	0	221094
CABLE ASSEMBLY	0	0	14	0	0	0	221106
CABLE ASSEMBLY	0	0	0	4	0	0	221115
CABLE ASSEMBLY	0	0	0	2	2	0	221116
CABLE ASSEMBLY	0	0	0	0	2	2	221126
CABLE ASSEMBLY	0	0	0	0	2	0	221127
CABLE ASSEMBLY	0	0	0	0	2	0	221128
CABLE ASSEMBLY	0	0	0	0	0	2	221161
CABLE ASSEMBLY	0	0	0	0	0	2	221183

CONTINUES TO NEXT PAGE

Parts List							
DESCRIPTION	91617	91618	91619	91620	91621	91622	PART NUMBER
HARDWARE COMPLETE	1	1	0	0	0	0	221107
HARDWARE COMPLETE	0	0	1	1	1	1	221117
1/4" BARREL NUT	12	12	28	28	28	28	804809*
5/16" x 5/8" BUTTON HEAD SHOULDER BOLT	12	12	28	28	28	28	802742*
5/16" LOCK WASHER	12	12	28	28	28	28	817330*
3/8" x 1" P.B.H.C.S. w/PATCH	26	26	42	42	42	42	812050*
3/8" x 1 1/4" P.B.H.C.S. w/PATCH	4	4	4	4	4	4	812051*
3/8" x 1 1/2" P.B.H.C.S. w/PATCH	4	4	4	4	4	4	812053*
3/8" FLAT WASHER	20	20	20	20	20	20	817410*
3/8" FLAT WASHER (1 1/4" O.D.)	44	44	76	76	76	76	817424*
3/8" LOCK WASHER	16	16	16	16	16	16	817334*
3/8" ACORN NUT	30	30	46	46	46	46	804002*
3/8" T-NUT	4	4	4	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 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.

PowerScape

GameTime

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1-800-235-2440

ISSUED/REVISED: 10/29/2021

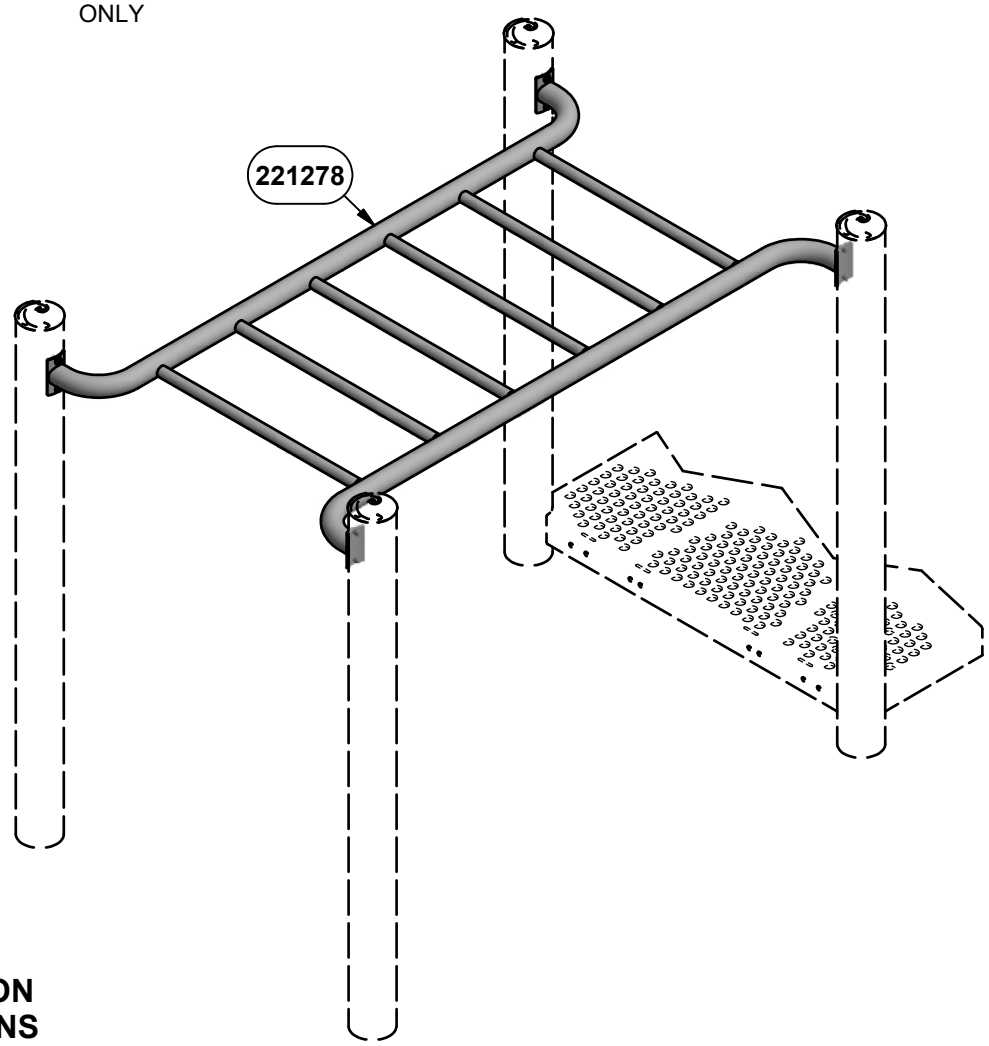
91698

PRESCHOOL HORIZONTAL LADDER

This play equipment is designed for CHILDREN 2 TO 5 YEARS OLD Adult supervision is recommended

Enriching Childhood Through Play.™ www.gametime.com

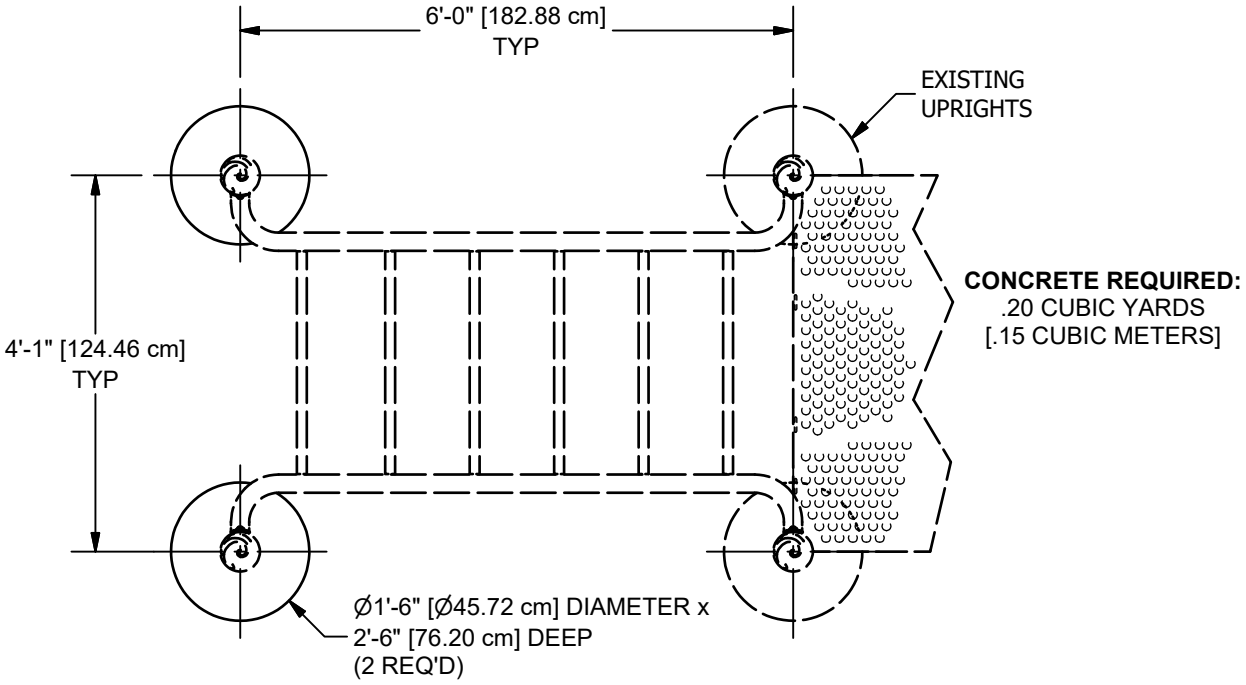
0'-6" & 1'-0" DECK HEIGHT ONLY



ASSEMBLY VIEW

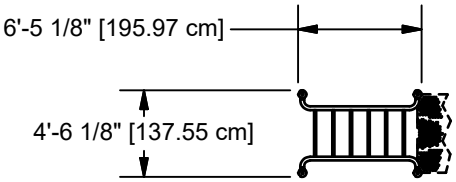
INSTALLATION INSTRUCTIONS

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.

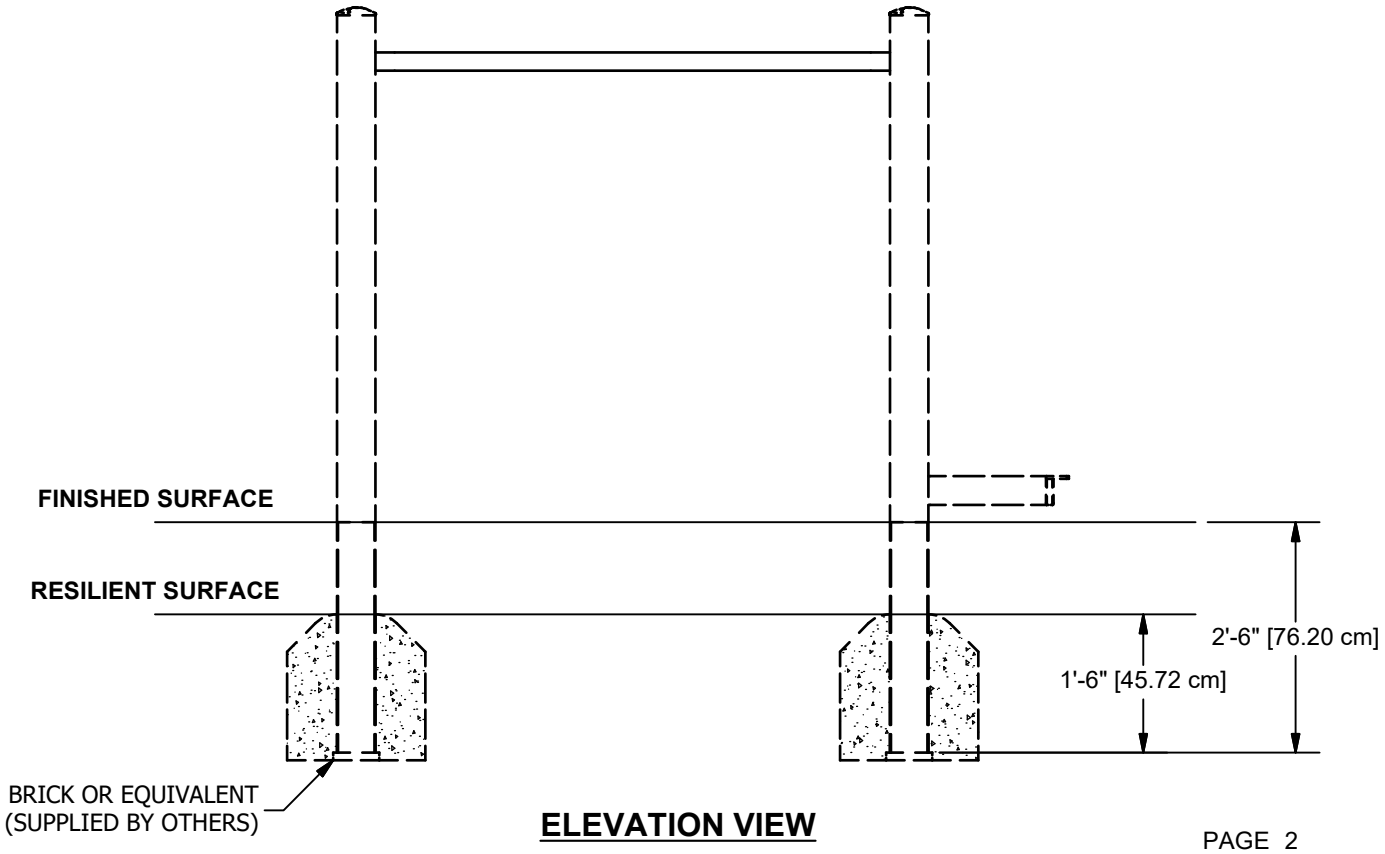


PLAN VIEW

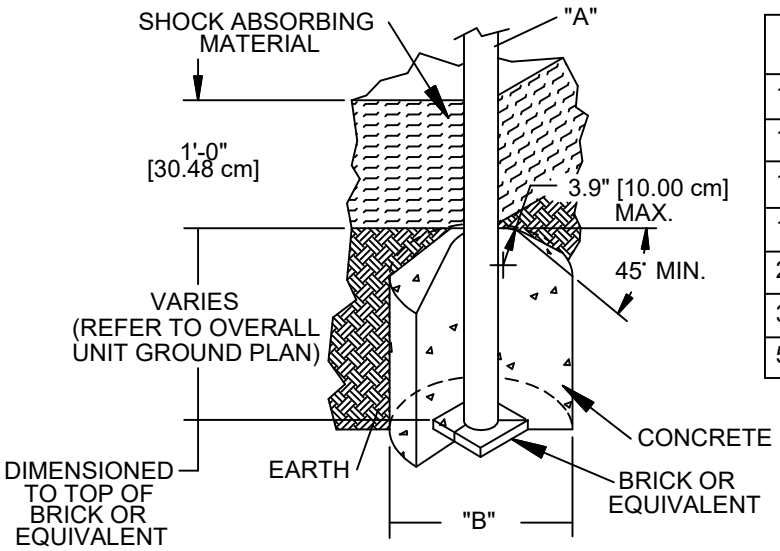
NOTE: HOLE DEPTHS INDICATED ON ALL PLAN VIEWS ARE MEASURED FROM THE FINISHED SURFACE. SEE ELEVATION VIEW. ALL FOOTING DIMENSIONS ARE BASED ON LEVEL FINISHED SURFACE.



TOP VIEW



ELEVATION VIEW

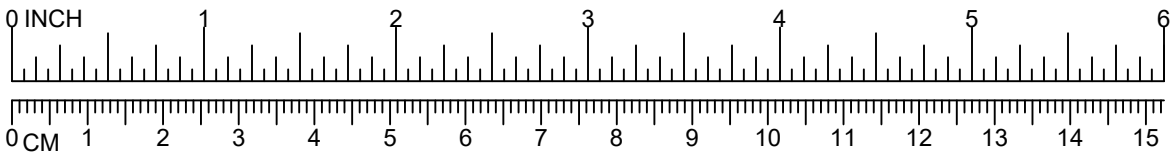


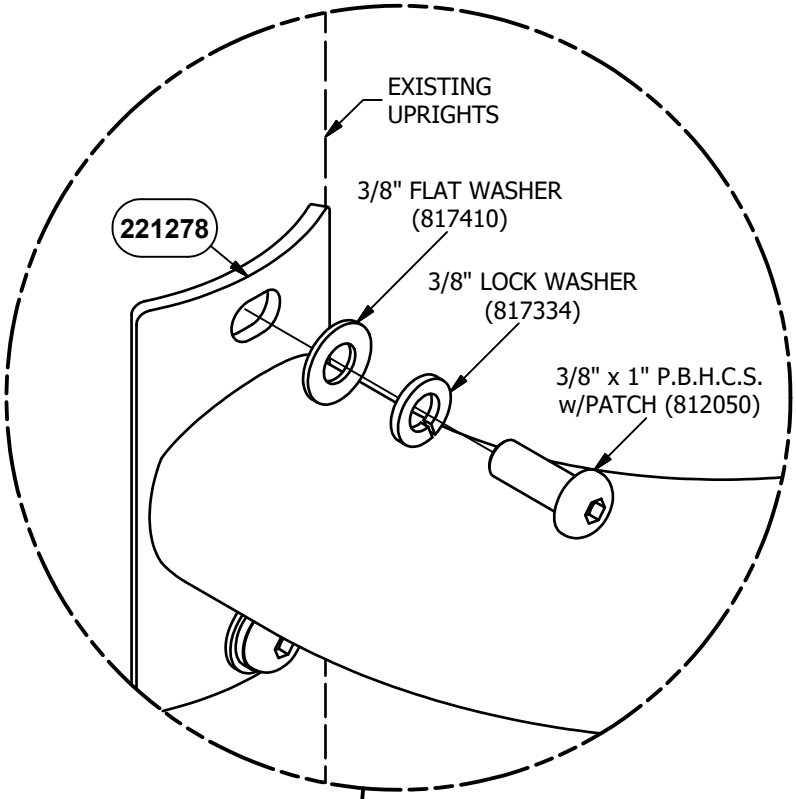
DIA. "A" (PIPE SIZE)	DIA. "B" (FOOTING SIZE)
1 1/16" [2.70 cm]	1'-2" [35.56 cm]
1 5/16" [3.33 cm]	1'-2" [35.56 cm]
1 5/8" [4.13 cm]	1'-2" [35.56 cm]
1 7/8" [4.83 cm]	1'-2" [35.56 cm]
2 3/8" [6.03 cm]	1'-2" [35.56 cm]
3 1/2" [8.89 cm]	1'-6" [45.72 cm]
5" [12.70 cm]	1'-6" [45.72cm]

NOTES:
-SLOPED FOOTING IS A REQUIREMENT OF EUROPEAN STANDARD EN1176-1 ONLY
-SUGGESTED MINIMUM CONCRETE RATING: 3000 PSI

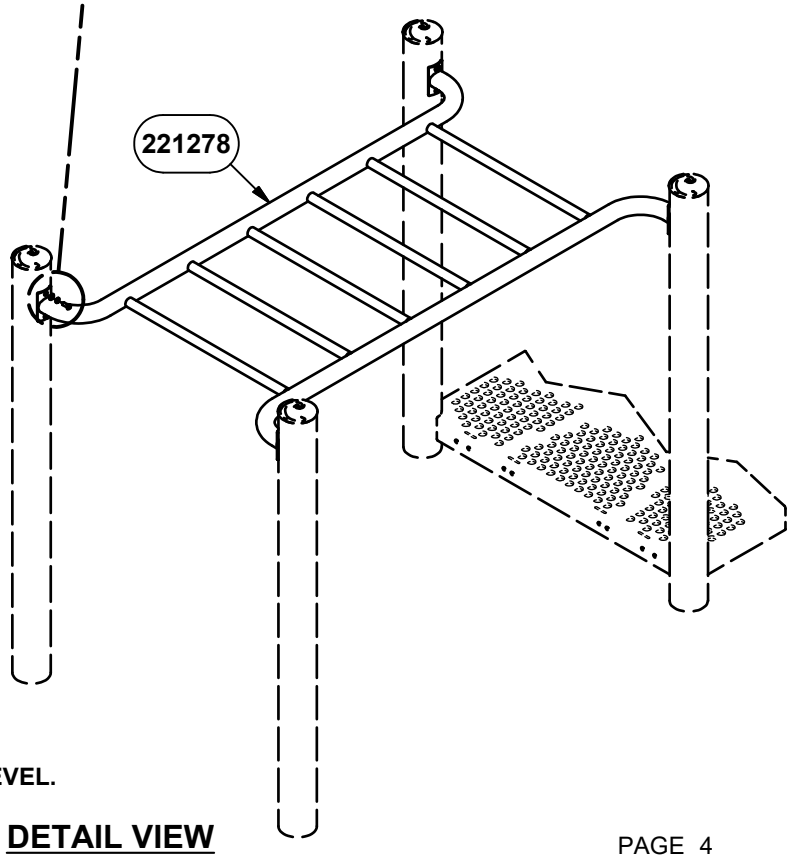
SHOCK ABSORBING PROPERTIES OF SURFACING MATERIALS VARY. IF YOU DETERMINE THAT LESS THAN 1'-0" [30.48cm] OF SURFACING IS REQUIRED, MAKE UP THE DIFFERENCE IN ELEVATION WITH EARTH, BEFORE APPLYING SURFACING.

FOOTING DETAIL





STEP 1
8 PLACES



NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
HORIZONTAL LADDER ASSEMBLY	1	221278
HARDWARE COMPLETE	1	221280
3/8" x 1" P.B.H.C.S. w/PATCH	8	812050*
3/8" FLAT WASHER	8	817410*
3/8" LOCK WASHER	8	817334*

Unless Otherwise Specified, All Units of Measure are Each
** Included in Hardware*

Warning: During Installation, Hardware And Small Parts Are Choking Hazards For Young Children. Store Unused Parts Appropriately Until Assembly Is Completed. Once Assembly Is Completed, Remove Any Unused Parts From The Play Environment And Dispose/Save Them In A Secure Location.

Note: Peen Tee-Nuts and Flatwashers to match radius of pipe after assembly is complete.
Note: Loctite (supplied by others) should be used on any non-patch hardware.

To reduce the risk of clothing entanglement in compliance with ASTM F1487, any bolt end protruding more 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.

PowerScape

GameTime

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1-800-235-2440

ISSUED/REVISED: 2/3/2023

91805

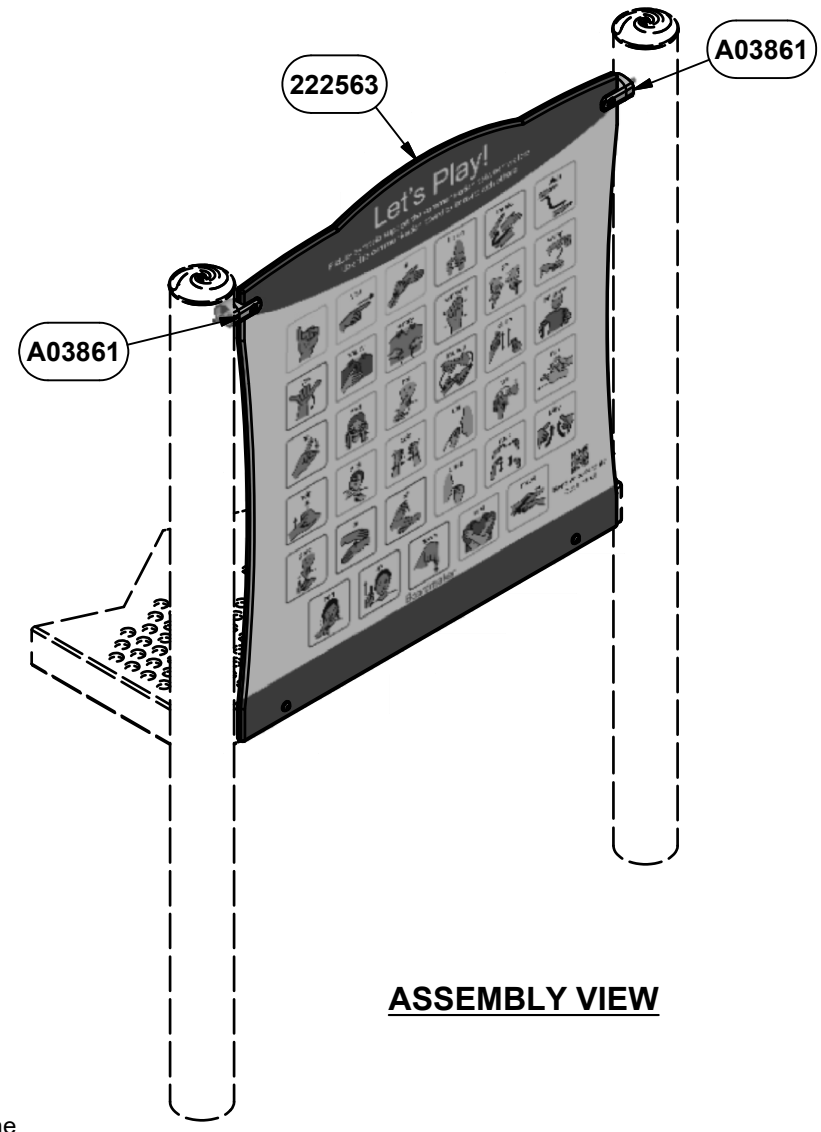
COMMUNICATION PANEL



UP TO 5'-0" DECK HEIGHTS



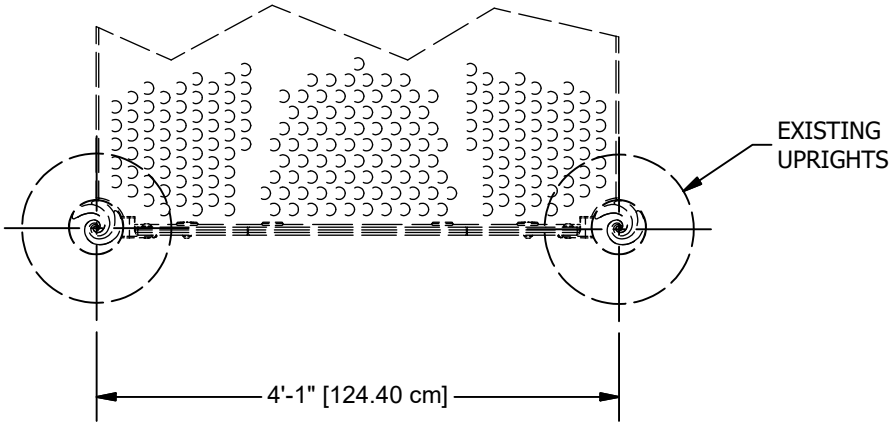
ALL DECK HEIGHTS



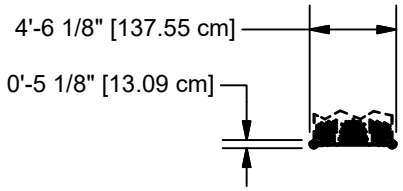
ASSEMBLY VIEW

INSTALLATION INSTRUCTIONS

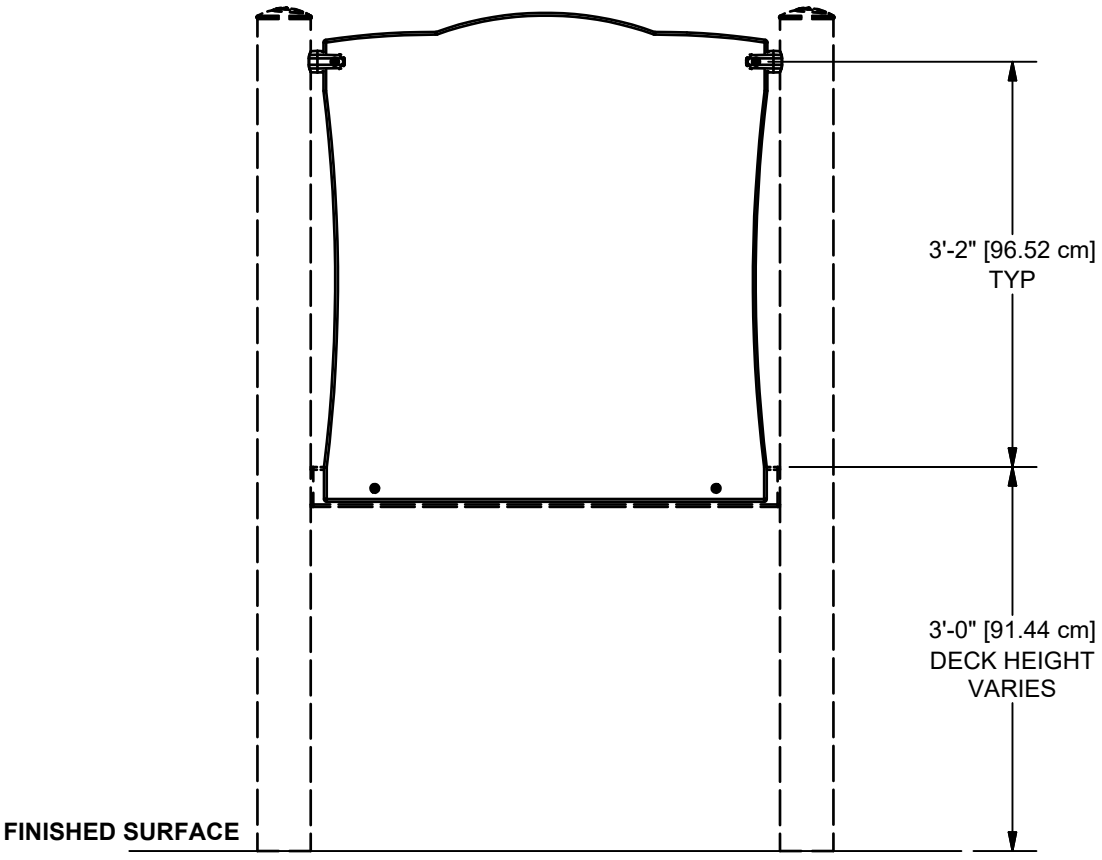
1. Before assembling this equipment, read the enclosed INSTALLER INSTRUCTIONS in the installation booklet; follow all the instructions during installation.
2. Assemble parts as shown in the ASSEMBLY DRAWING. Refer to the assembly details for the specific hardware required in each connection.
3. LOCTITE (SUPPLIED BY OTHERS) SHOULD BE USED ON ALL THREADED HARDWARE.
4. DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.



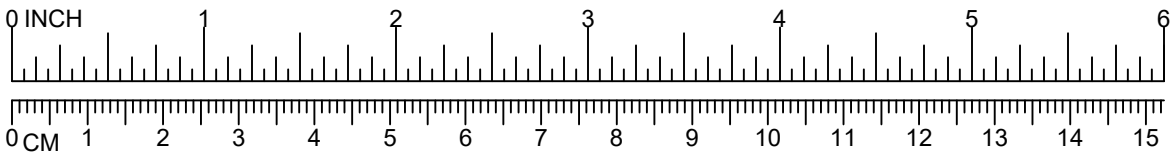
PLAN VIEW

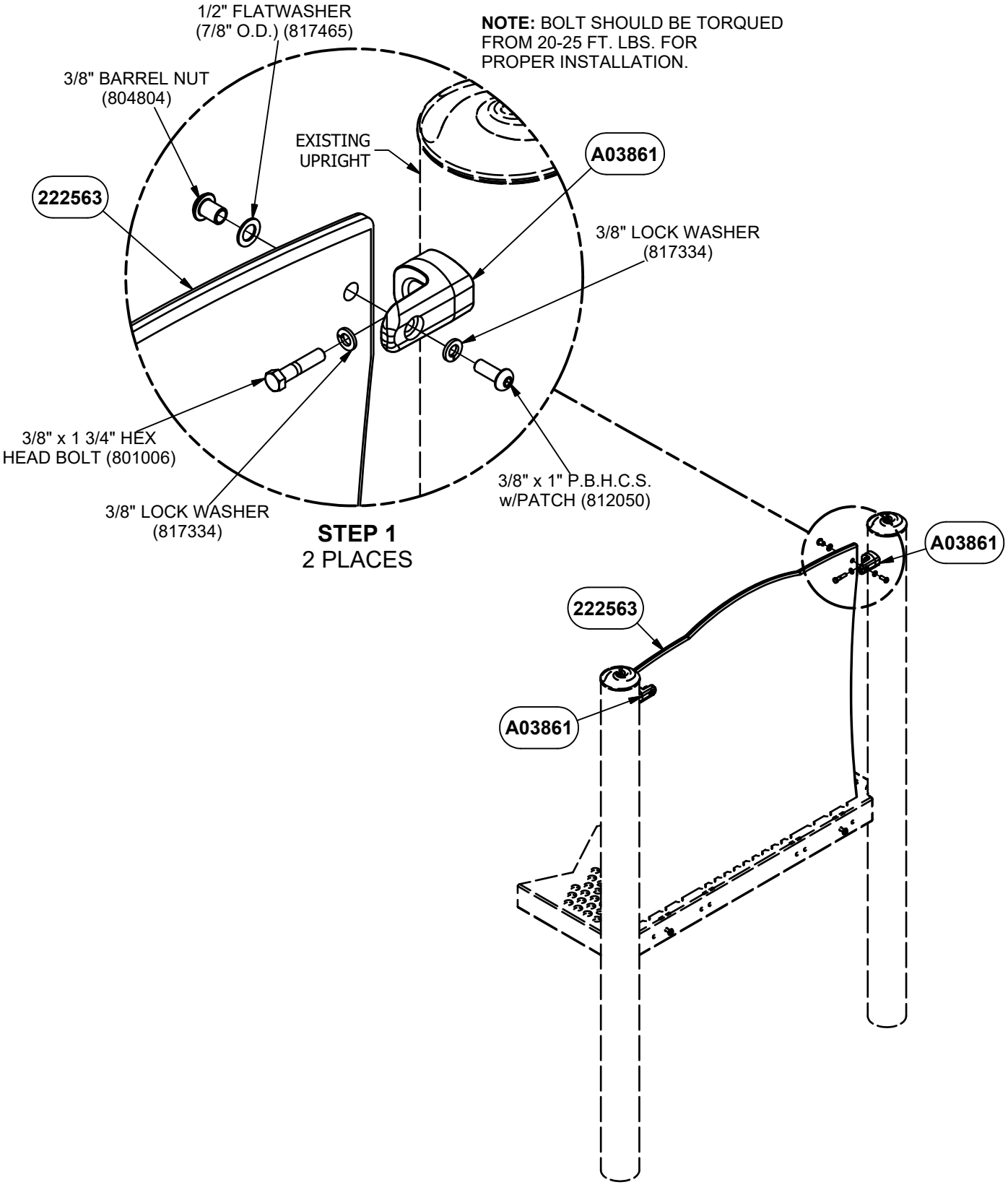


TOP VIEW



ELEVATION VIEW



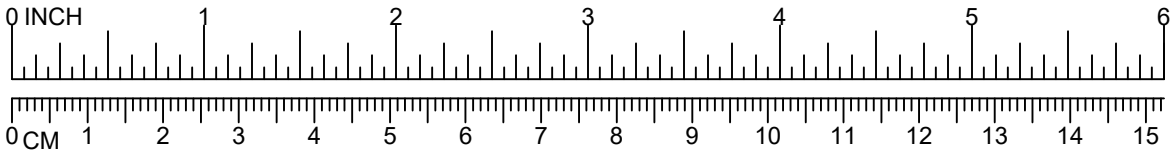


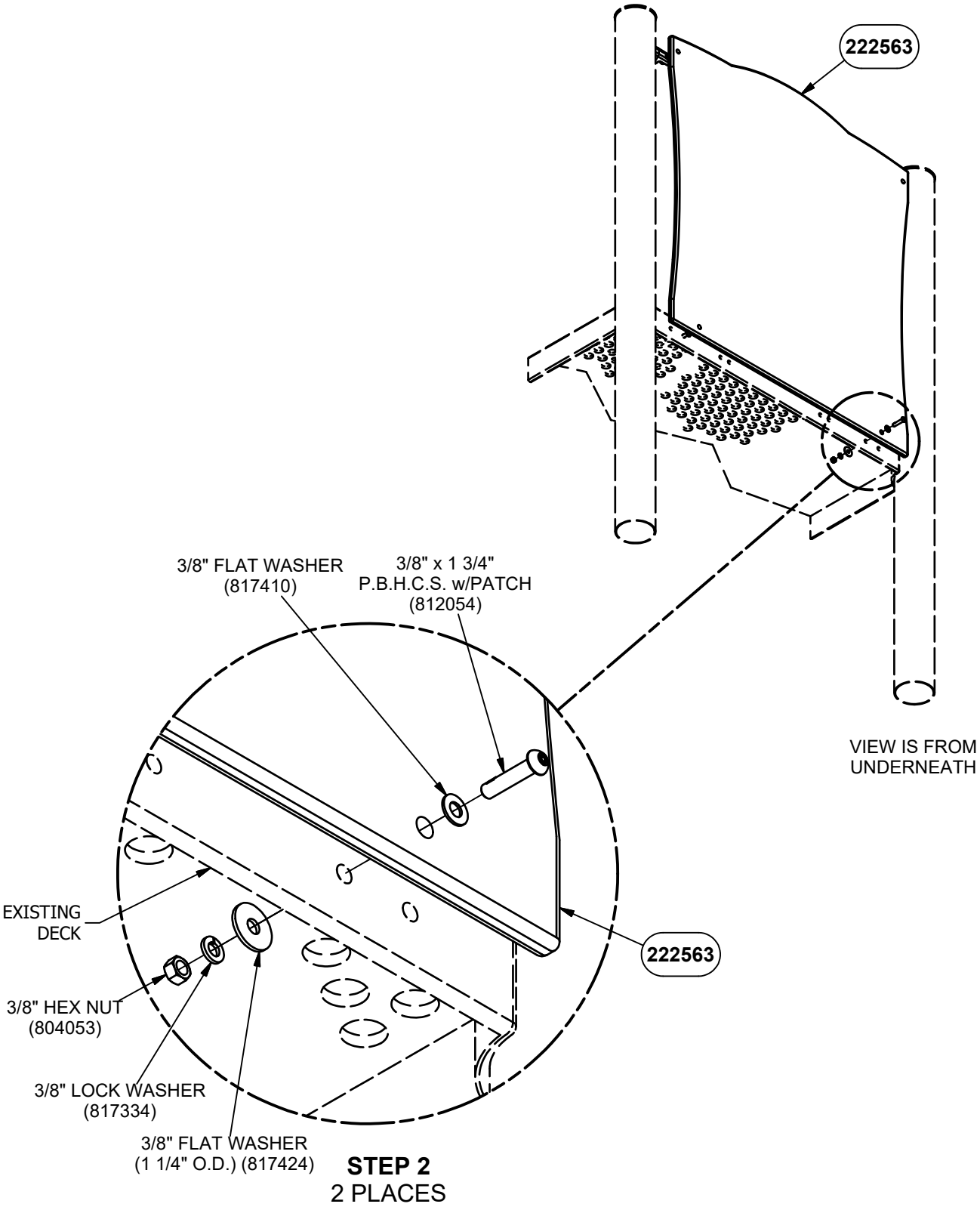
NOTE: BOLT SHOULD BE TORQUED FROM 20-25 FT. LBS. FOR PROPER INSTALLATION.

STEP 1
2 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW





STEP 2
2 PLACES

NOTE: DO NOT POUR CONCRETE UNTIL ENTIRE STRUCTURE IS COMPLETELY ASSEMBLED AND LEVEL.

DETAIL VIEW

Parts List		
DESCRIPTION	QTY	PART NUMBER
COMMUNICATION PANEL ABOVE DECK	1	222563
TRU-LOC PANEL ATTACHMENT	2	A03861
HARDWARE COMPLETE	1	222566
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 1 3/4" HEX HEAD BOLT	2	801006*
3/8" FLAT WASHER (1 1/4" O.D.)	2	817424*
3/8" FLAT WASHER	2	817410*
3/8" LOCK WASHER	6	817334*
3/8" BARREL NUT	2	804804*
3/8" HEX NUT	2	804053*
1/2" FLATWASHER (7/8" O.D.)	2	817465*

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.

Gas Station with 2 Pumps

NRO513



Item no. NRO513-1021	
General Product Information	
Dimensions LxWxH	6'7"x2'8"x7'3"
Age group	2 - 5
Play capacity (users)	2
Color options	





This Gas station with Two Pumps is great for any tricycle or transportation track. Children love to role play around the themes of driving and traffic, and this provides great imaginative support for the child. This unit will add attraction and play time. The pumps are elaborate with a rubber tube and red, green, and yellow buttons for choosing the right octane strength. The variety of materials stimulates the fine motor skills and tactile sense, especially for the youngest players. The dramatic play around traffic and gas stations stimulates the child's language development in evoking storytelling and imagination.

Data is subject to change without prior notice.

Gas Station with 2 Pumps

NRO513



Theme
Cognitive: suggests a theme and supports dramatic play, which stimulates language and communication skills.





Two pumps
Social-Emotional: the two pumps invite cooperation and co-creation, on and between both sides. The transparency makes interaction possible between the two sides.



Fuel handle
Social-Emotional: cooperation skills and turn-taking are supported when fueling vehicles for friends. **Cognitive:** dramatic play stimulates language development.

Data is subject to change without prior notice.

Gas Station with 2 Pumps

NRO513



All Organic Robinia products by KOMPAN are made of Robinia wood from sustainable European sources. On request it can be supplied as FSC® Certified (FSC® C004450).



The paint used for coloured components is water based environmentally friendly with excellent UV resistance. The paint is in compliance with EN 71 Part 3.



Ropes are made of UV-stabilized PA with inner steel cable reinforcement. The rope is induction treated in order to create a strong connection between steel and rope which leads to good wear resistance.



Robinia products are available in three different wood treatment options: Untreated Robinia wood or brown painted with a pigment that maintains the wood color and colored version with paint of selected components.

Item no. NRO513-1021

Installation Information	
Max. fall height	0'0"
Safety surfacing area	0ft²
Total installation time	4.2
Excavation volume	0.52yd³
Concrete volume	0yd³
Footing depth (standard)	3'3"
Shipment weight	558lbs
Anchoring options	In-ground ✔

Warranty Information	
Robinia Wood	10 Years
Spare Parts Availability	10 Years
Stainless steel components	Lifetime

Elevated activities **0**	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	**0**	**1**	**1**
Required	**0**	**1**	**1**

Data is subject to change without prior notice.

Sustainability Data

NRO513



Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
NRO513-1021	43.37	0.20	1.32

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

Kompan A/S
C.F. Tietgens Boulevard 32C
DK-5220 Odense SØ
Denmark

Validation of CO_2 calculation method
BUREAU VERITAS
HSE Denmark A/S

Verification of CO_2 calculation of: Nature play



Data version no. 2023-10-05

The CO_2 calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Nature play" represented by item no.: NRO409-0621.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

Date: 30. October 2023 | Valid until: 30. October 2025
Verified by:

Julie Marie Vejsgaard Larsen, LCA & EPD Consultant

Verification based on report: Validation of CO_2 calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

Publication date: 30. October 2023

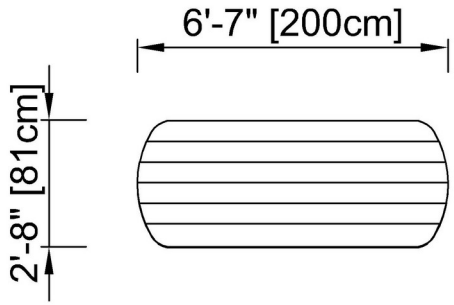
By Bureau Veritas HSE
www.bureauveritas.dk
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Gas Station with 2 Pumps

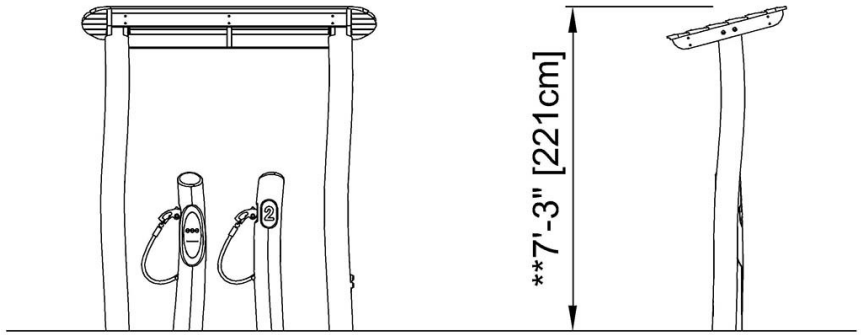
NRO513

* Max fall height | ** Total height | *** Safety surfacing area



NRO513
**7'-3" / 221cm

* Max fall height | ** Total height

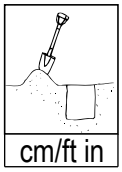


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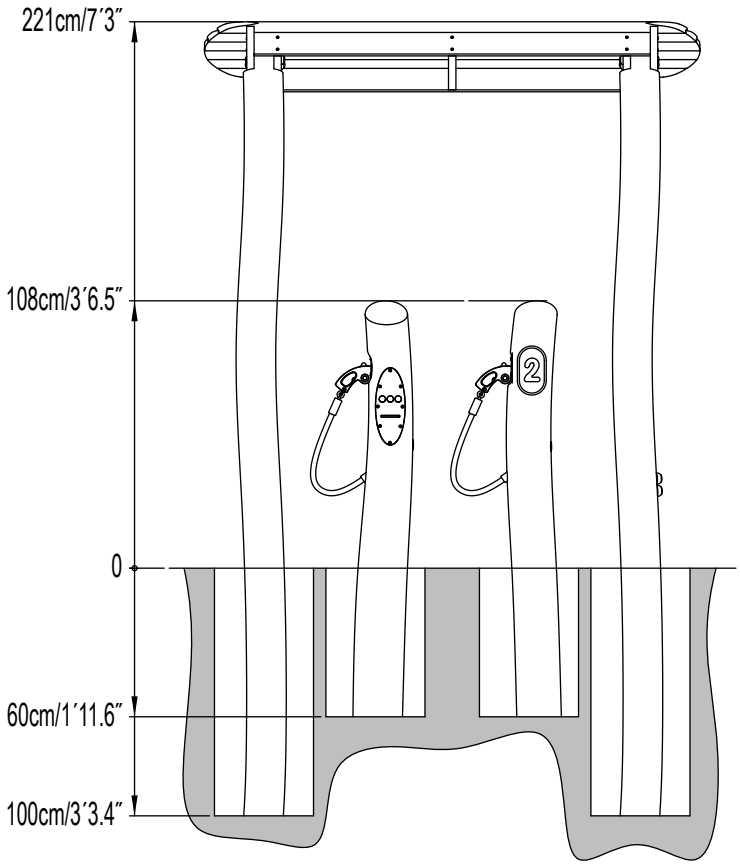
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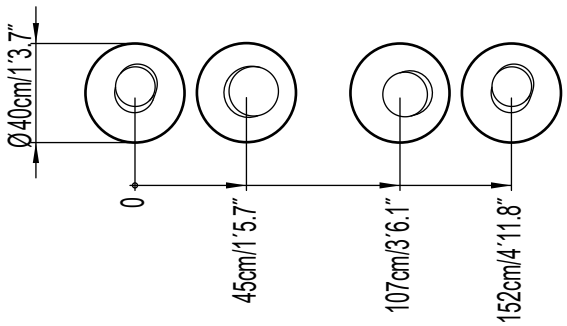
Click to see SIDE VIEW

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NRO513-1001/FSC
NRO513-1011/FSC
NRO513-1021
NRO513-1031



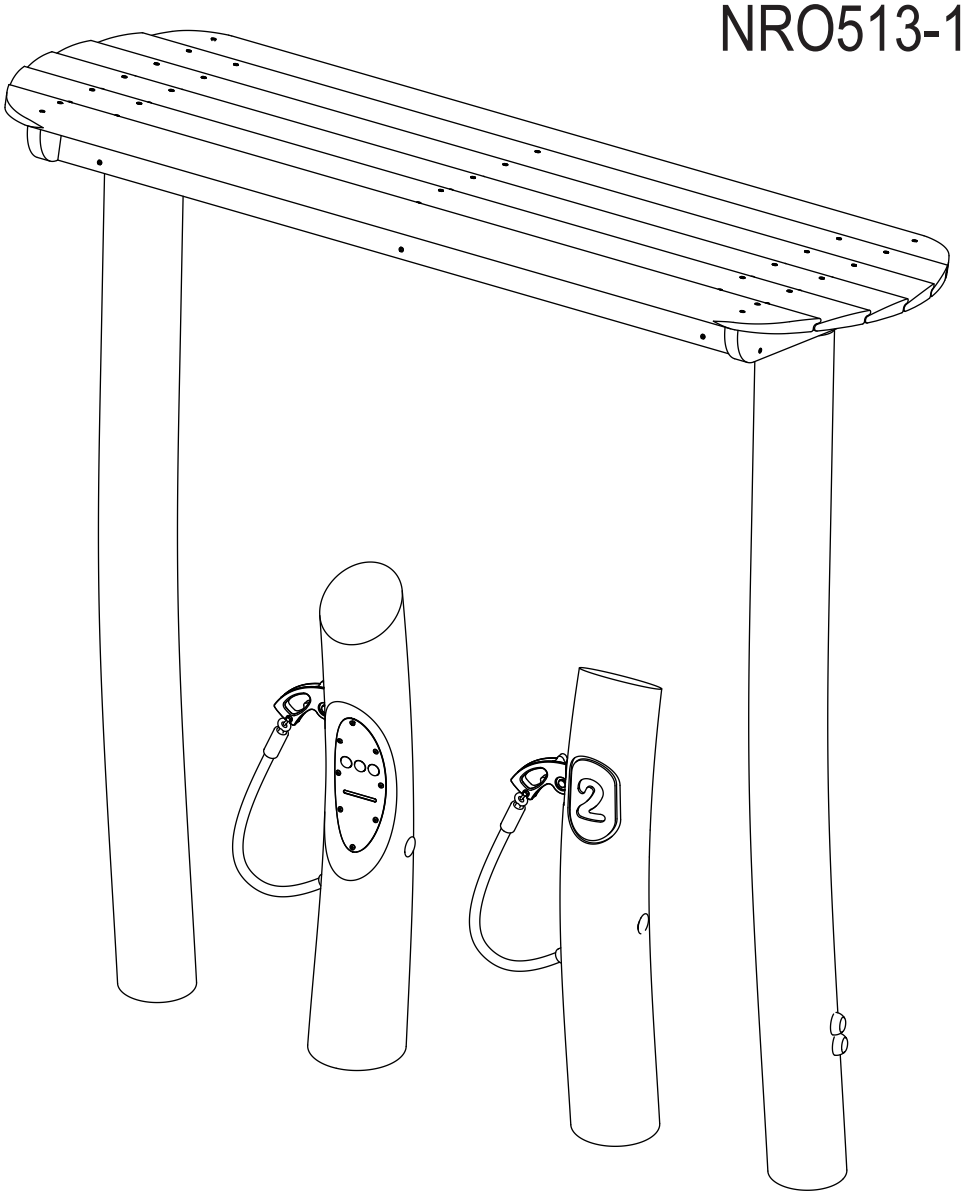


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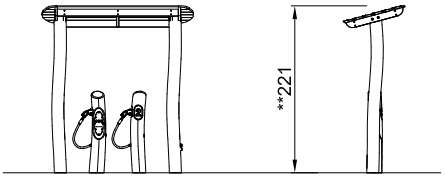
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NRO513-1021
NRO513-1031
NRO513-1032



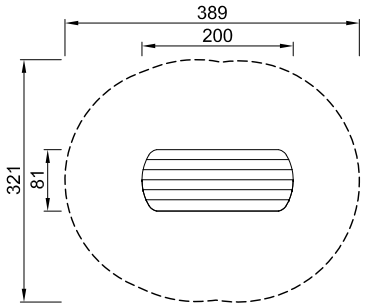
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Safety zone in accordance with EN 1176/AS4685
Sicherheitsabstand gemäß EN 1176/AS4685
Espace d'évolution selon EN 1176/AS4685
Zona de seguridad según EN 1176/AS4685
Distanze di sicurezza in conformità con lo standard EN 1176/AS4685
Veiligheidsgebied in overeenstemming met EN 1176/AS4685
Säkerhetsområde enl EN 1176/AS4685
Sikkerhedsareal iht. EN 1176/AS4685
Зона безопасности в соответствии с EN 1176/AS4685
EN1176/AS4685-normin mukainen turva-alue



NRO513
1:100



NRO513
**221cm
***10.1m²
1:100

* Free height of fall
Freie Fallhöhe
Hauteur de chute libre
Altura de caída libre
Altezza di caduta libera
Vrije valhoogte
Fri fallhöjd
Fri faldhøjde
Высота свободного падения
Vapaa putoamiskorkeus

All measurements are in cm
Alle Maßangaben in cm
Toutes les dimensions sont indiquées en cm
Todas las medidas están indicadas en cm
Tutte le misure sono in cm
Alle afmetingen zijn in cm
Alla mått är angivna i cm
Alle mål er angivet i cm
Все измерения в см.
Kaikki ohjeessa mainitut mitat ovat senttimetrejä.

Please note: The safety zone shown on this drawing is in accordance with EN 1176/AS4685. There may be some locations where a larger safety zone is required. If in doubt, please contact your play consultant.

Achtung: Der angegebene Sicherheitsabstand entspricht EN 1176/AS4685. Bestimmte Länder schreiben größere Sicherheitsabstände vor. Bitte wenden Sie sich in Zweifelsfällen an Ihren Berater.

Attention : l'espace d'évolution montré est conforme à EN 1176/AS4685. Dans certains pays, un espace d'évolution plus grand peut être exigé. Prière de contacter notre conseiller en cas de doute.

Observe: La zona de seguridad demostrada en este dibujo cumple con EN 1176/AS4685. En algunos sitios puede ser necesaria una zona de seguridad más grande. En caso de tener alguna duda, por favor póngase en contacto con nuestro consultor.

Attenzione: la distanza di sicurezza specificata è conforme ai requisiti EN 1176/AS4685. In alcuni paesi, le norme locali possono richiedere distanze di sicurezza maggiori. In caso di dubbi, contattare il nostro consulente.

N.B.: het getoonde veiligheidsgebied is in overeenstemming met EN 1176/AS4685. In sommige landen kan een groter veiligheidsgebied vereist zijn. In geval van twijfel onze adviseur raadplegen.

Obs: Det markerade säkerhetsområdet följer EN 1176/AS4685. I vissa länder kan det finnas krav på större säkerhetsområde. Kontakta vänligen vår konsulent om du är osäker.

Obs.: Det viste sikkerhedsareal er i overensstemmelse med EN 1176/AS4685. I nogle lande kan der være krav om større sikkerhedsareal. Kontakt venligst vores konsulent ved tvivlsspørgsmål.

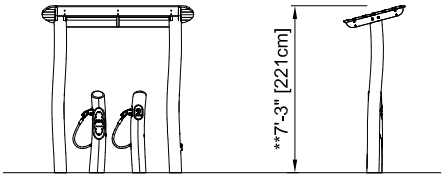
Внимание: Зона безопасности указана в соответствии с EN 1176/AS4685. Возможны случаи, когда требуется увеличение зоны безопасности. В затруднительных случаях обращайтесь к Вашему консультанту.

Huom: Tämän piirustuksen turva-alue on EN1176/AS4685-normin mukainen. Joissain sijoituspaikoissa saatetaan edellyttää suurempaa turva-aluetta. Jos olet epävarma, otathan yhteyttä KOMPANiin.

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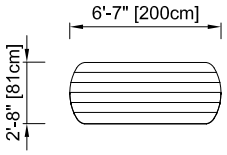
VNRO513 20150924 PetrJu

Safety zone in accordance with ASTM 1487
Sicherheitsabstand gemäß ASTM 1487
Espace d'évolution selon ASTM 1487
Zona de seguridad según ASTM 1487
Distanze di sicurezza in conformità con lo standard ASTM 1487
Veiligheidsgebied in overeenstemming met ASTM 1487
Säkerhetsområde enl ASTM 1487
Sikkerhedsareal iht. ASTM 1487
Зона безопасности в соответствии с ASTM 1487
ASTM 1487-normin mukainen turva-alue



NRO513
1:100

* Free height of fall
Freie Fallhöhe
Hauteur de chute libre
Altura de caída libre
Altezza di caduta libera
Vrije valhoogte
Fri fallhöjd
Fri faldhøjde
Высота свободного падения
Vapaa putoamiskorkeus



NRO513
**7'-3" / 221cm
1/8" = 1'-0"

Please note: The safety zone shown on this drawing is in accordance with ASTM 1487. There may be some locations where a larger safety zone is required. If in doubt, please contact your play consultant.

Achtung: Der angegebene Sicherheitsabstand entspricht ASTM 1487. Bestimmte Länder schreiben größere Sicherheitsabstände vor. Bitte wenden Sie sich in Zweifelsfällen an Ihren Berater.

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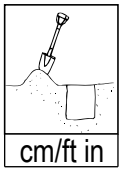
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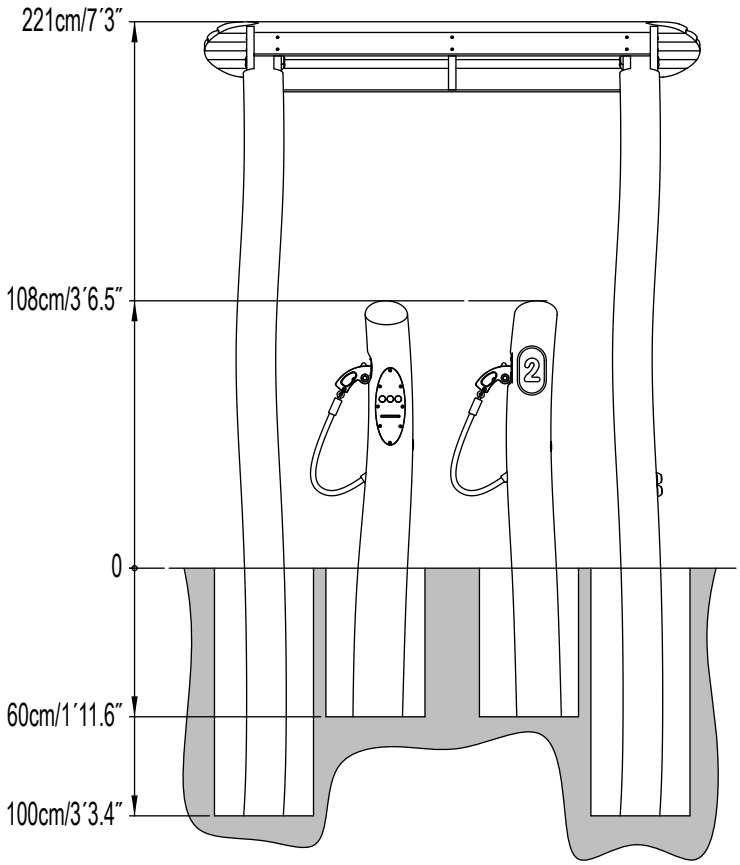
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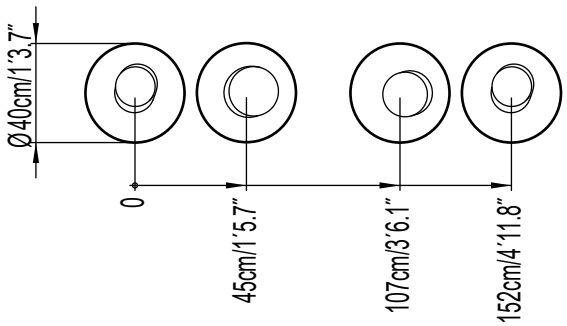
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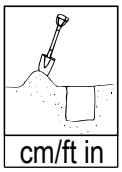
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NRO513-1011/FSC
NRO513-1021
NRO513-1031



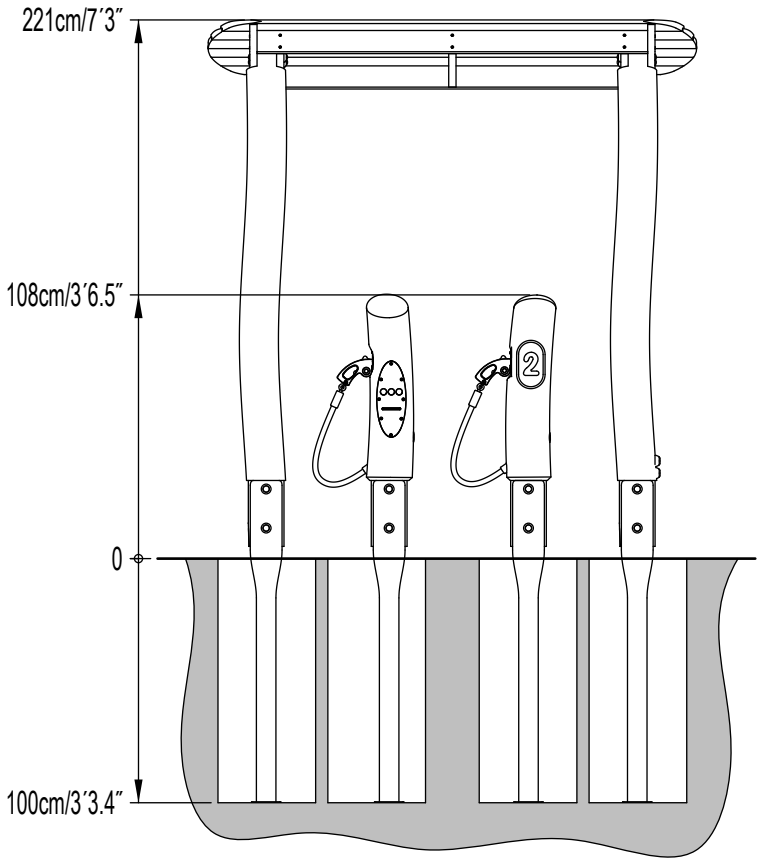


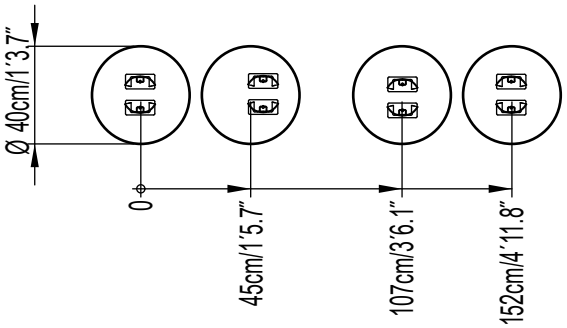
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NRO513-1032





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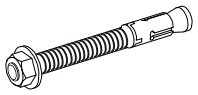
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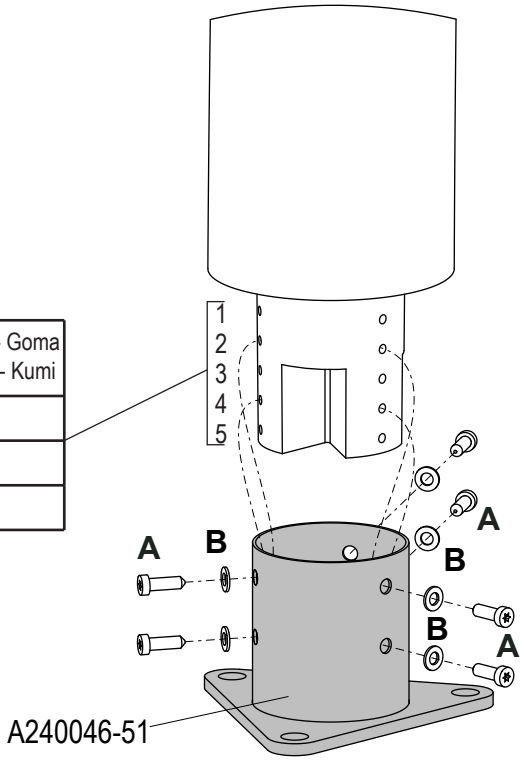
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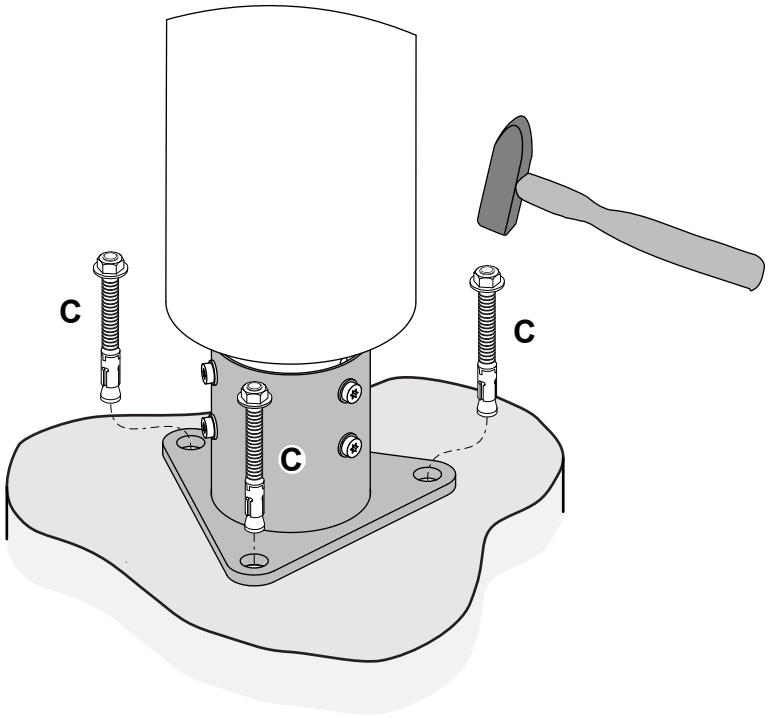


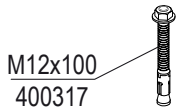
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NRO513-0012

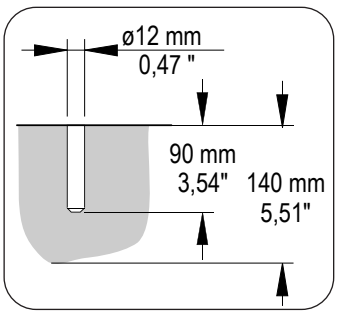
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35mm [1.4″]	1,3
55mm [2.2″]	2,4
75mm [3″]	3,5







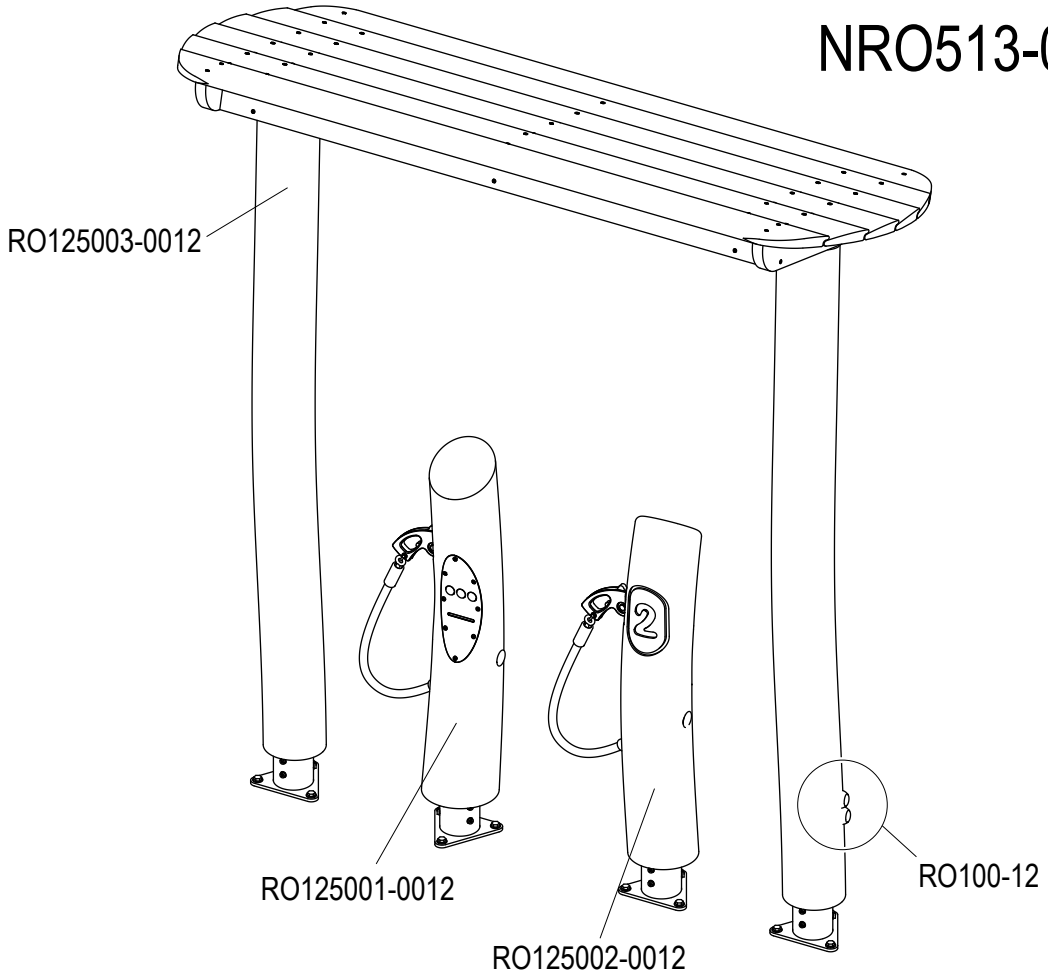
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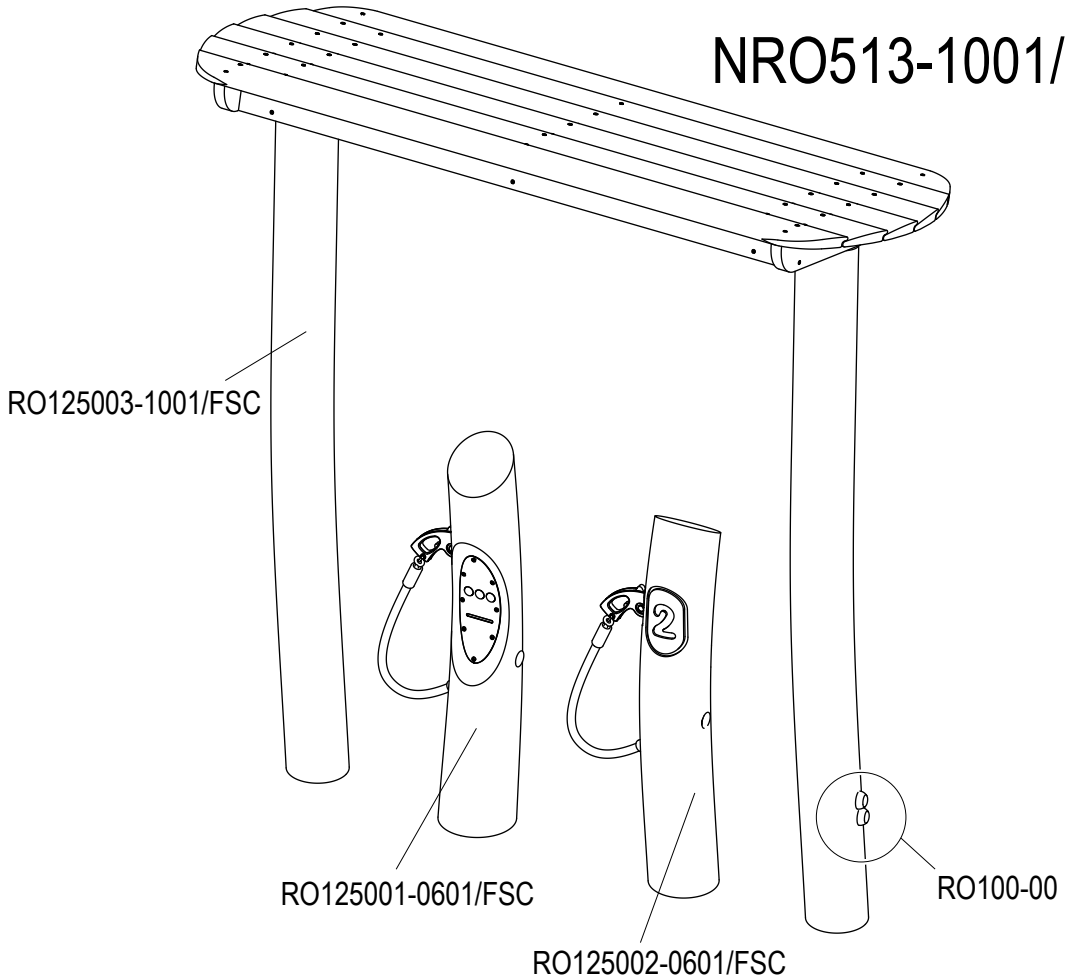
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NRO513-0012



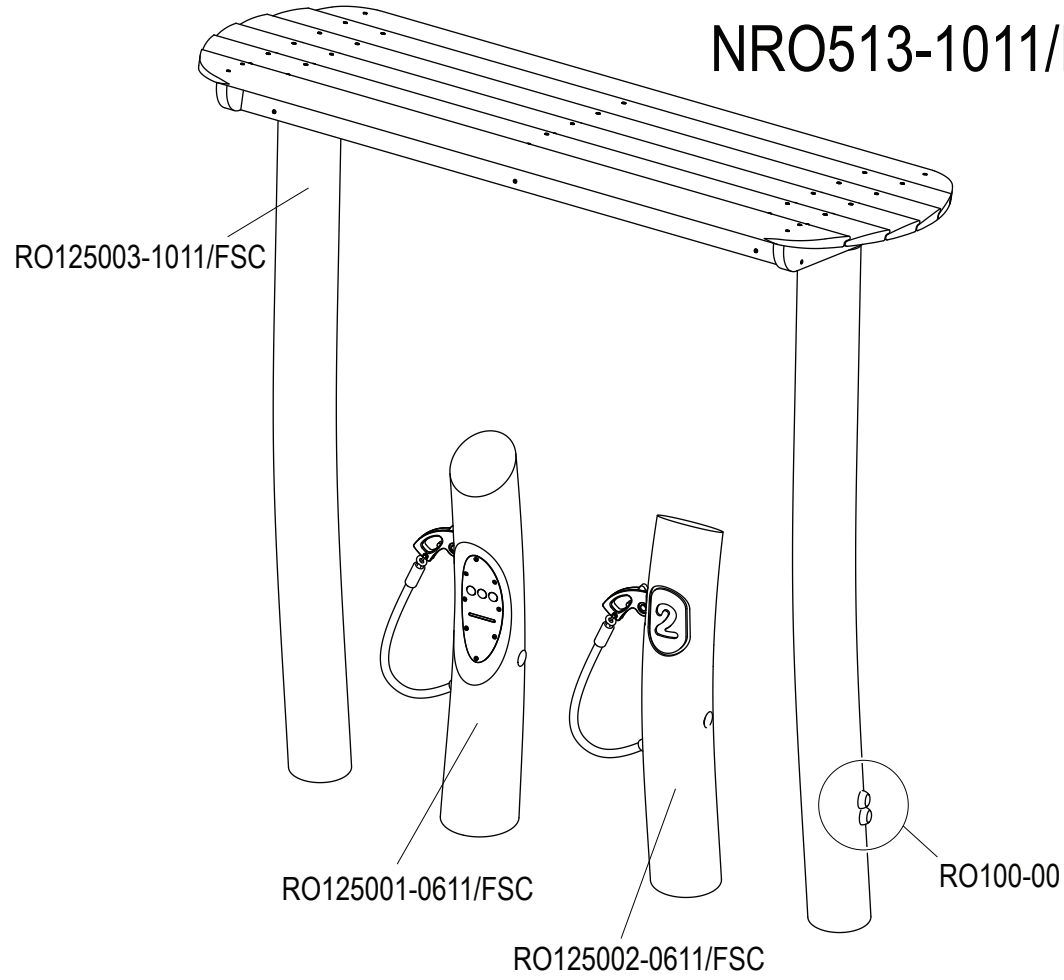
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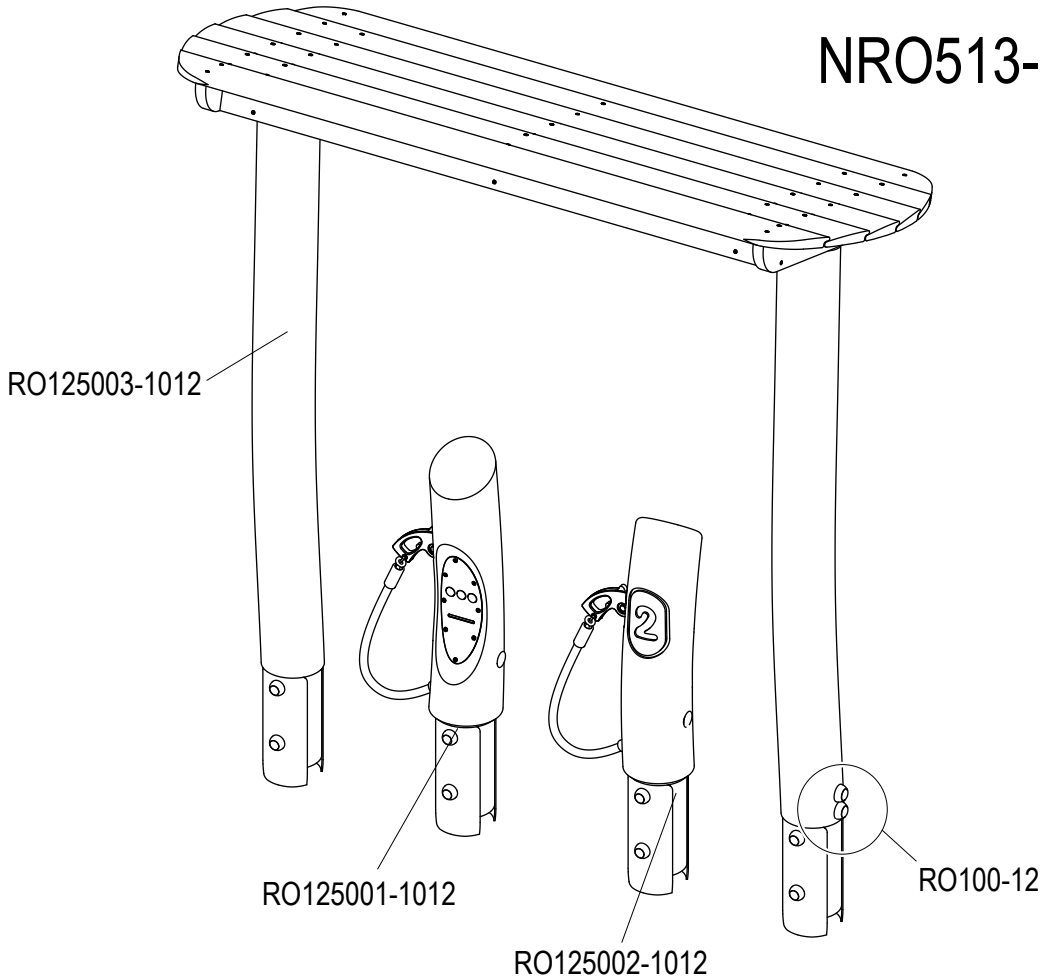
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NRO513-1011/FSC



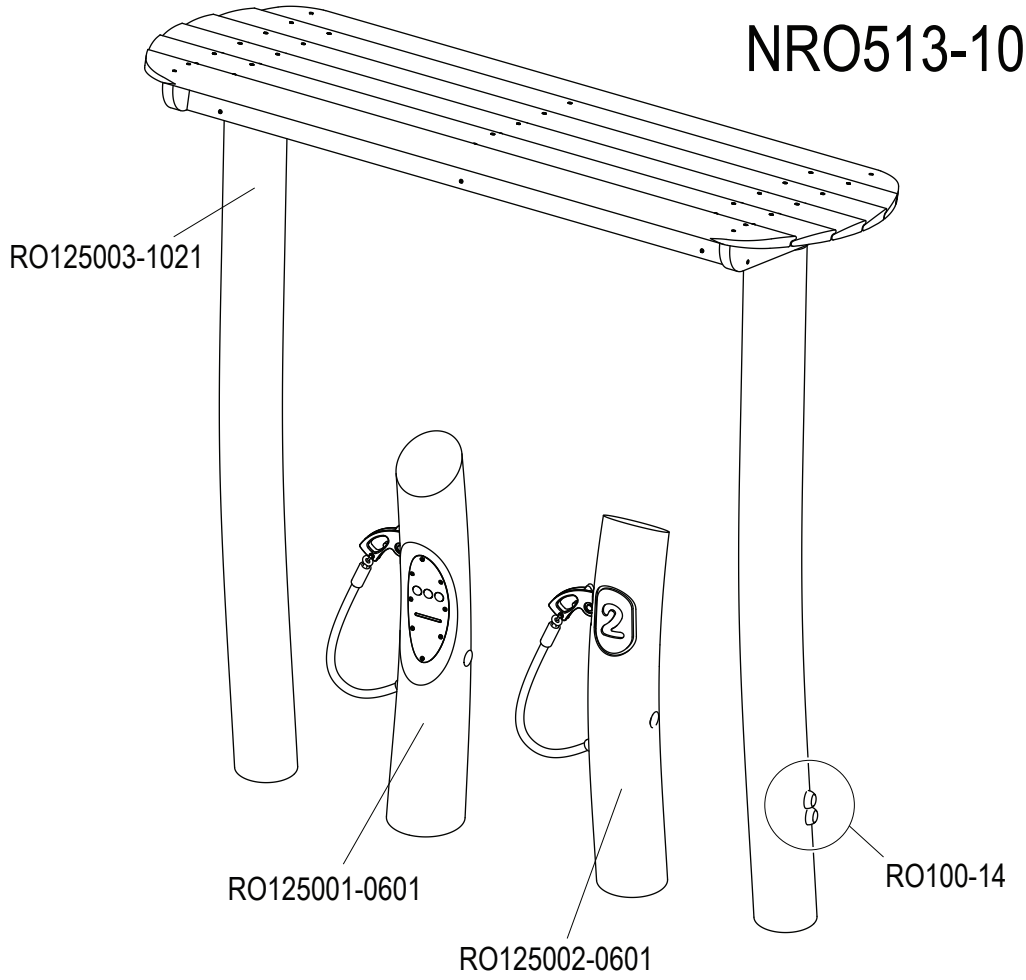
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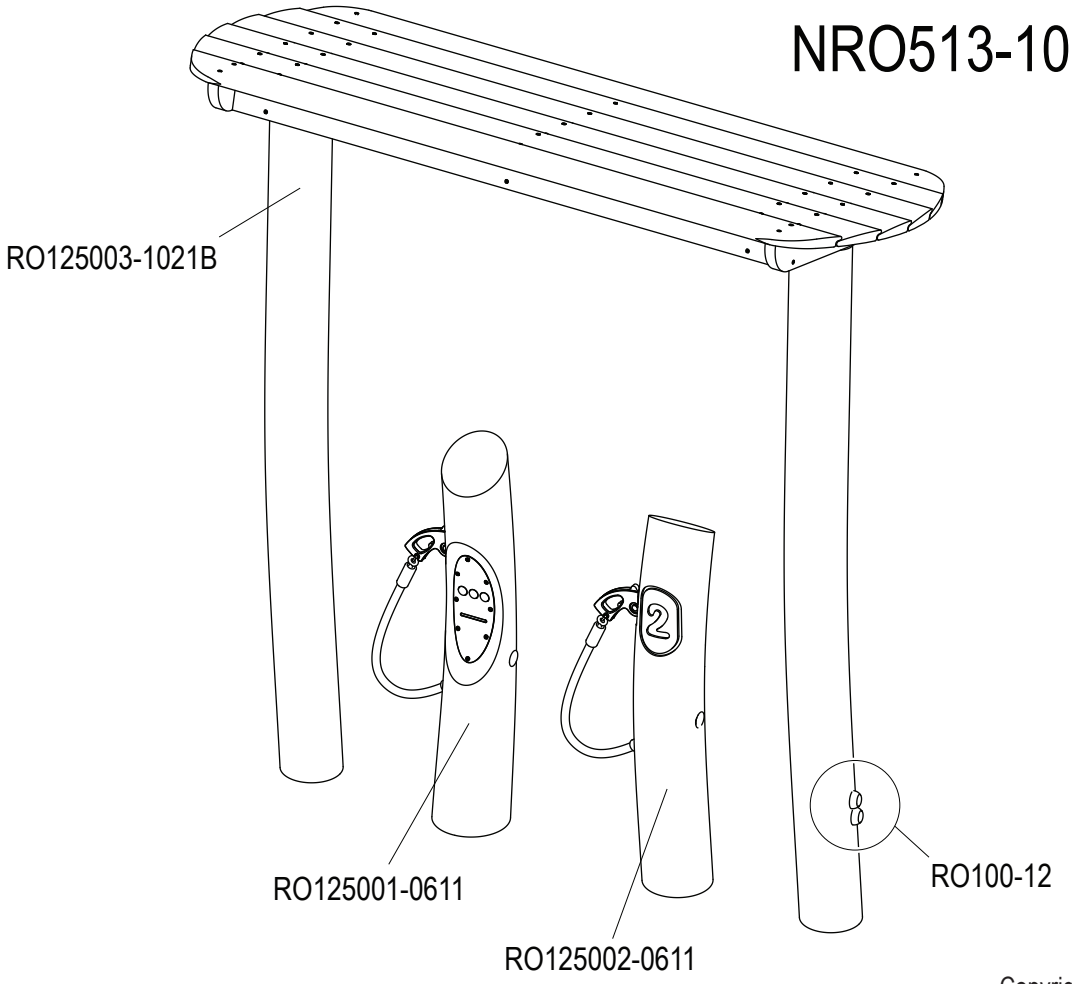
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NRO513-1021



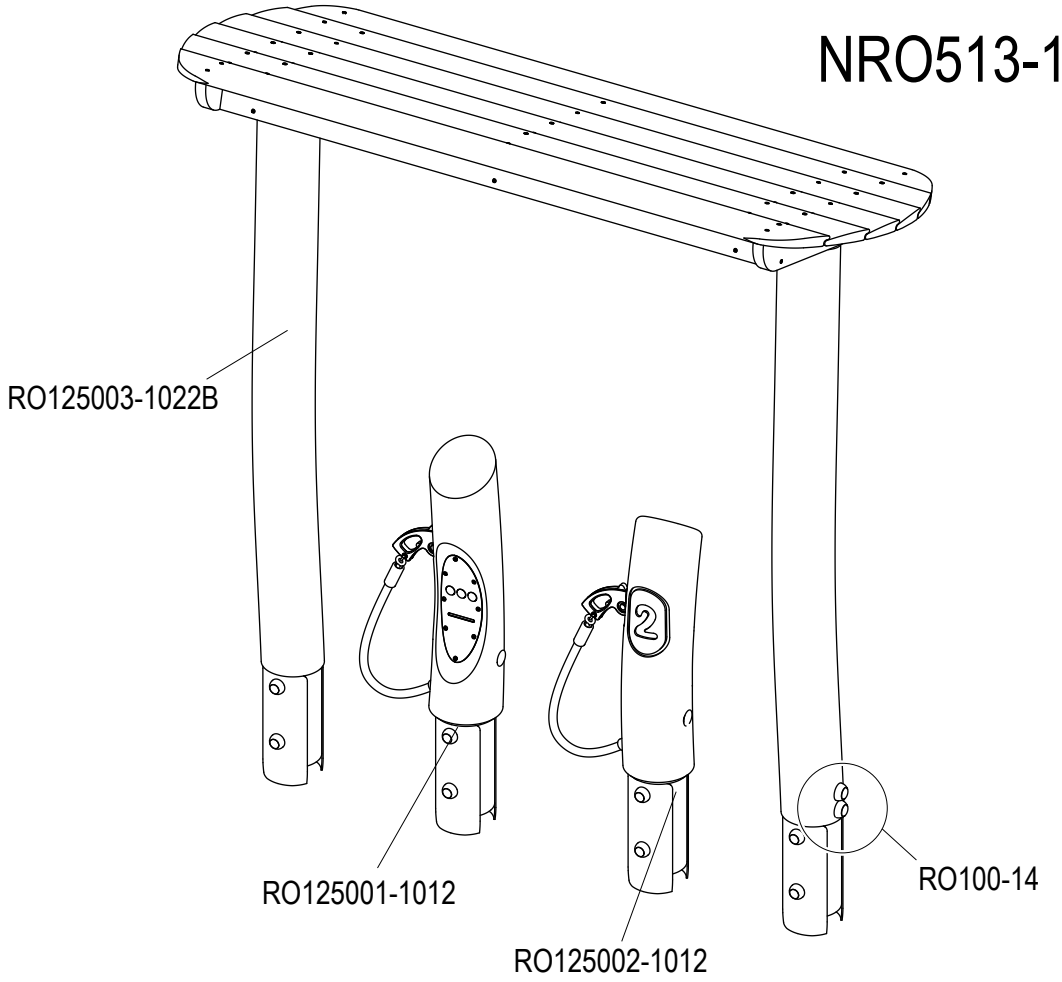
NRO513-1031



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NRO513-1032



VNRO513 20150924 PetrJu

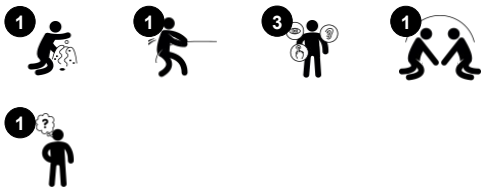
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Splash Table

NRO506



Item no. NRO506-0601	
General Product Information	
Dimensions LxWxH	3'9"x3'9"x2'0"
Age group	2 - 5
Play capacity (users)	8
Color options	





The Splash Table is a favorite item that always draws children to play. Sand play, water play and a general sharing of found items make a great gathering place for explorative play. Sand and water play is a popular activity that can keep children playing for hours. The rubber plug can be pulled up to let water stream out of the table or let go to keep water in the basin.

This trains the child's understanding of cause and effect. For younger children, it stimulates their understanding of object permanence: that materials still exist even though they go out of sight. Children can be gathered on all sides of the table. This supports cooperation, negotiation and communication, all fundamental in the child's social-emotional development.

Data is subject to change without prior notice.

Splash Table

NRO506



Splash table with plug
Social-Emotional: meeting point for cooperation and sharing. Develops turn-taking and cooperation. **Cognitive:** logical thinking and understanding of cause and effect are trained when children stop or let go of water from the basin. **Creative:** the water plug makes changing water levels possible, which adds to logical thinking skills.



Data is subject to change without prior notice.

Splash Table

NRO506



All Organic Robinia products by KOMPAN are made of Robinia wood from sustainable European sources. On request it can be supplied as FSC® Certified (FSC® C004450).

Robinia products are available in three different wood treatment options: Untreated Robinia wood or brown painted with a pigment that maintains the wood color and colored version with paint of selected components.

Item no. NRO506-0601	
Installation Information	
Max. fall height	0'0"
Safety surfacing area	0ft²
Total installation time	2.7
Excavation volume	0.22yd³
Concrete volume	0yd³
Footing depth (standard)	2'0"
Shipment weight	255lbs
Anchoring options	In-ground ✔
	Surface ✔
Warranty Information	
Robinia Wood	10 Years
Spare Parts Availability	10 Years
Stainless steel components	Lifetime

Elevated activities **0**	Accessible elevated activities	Accessible ground level activities	Accessible ground level play types
Present	**0**	**1**	**1**
Required	**0**	**1**	**1**

ASTM F1487 compliant

Data is subject to change without prior notice.

Sustainability Data

NRO506



Cradle to Gate A1-A3	Total CO_2 emission	CO_2e/kg	Recycled materials
	kg CO_2e	kg CO_2e/kg	%
NRO506-0601	80.10	0.81	8.73

The overall framework applied for these factors is the Environmental Product Declaration (EPD), which quantifies "environmental information on the life cycle of a product and enable comparisons between products fulfilling the same function" (ISO, 2006). This follows the structure and applies a Life-Cycle Assessment approach to the entire Product stage from raw material through manufacturing (A1-A3))

Kompan A/S
C.F. Tietgens Boulevard 32C
DK-5220 Odense SØ
Denmark

Validation of CO_2 calculation method
BUREAU VERITAS
HSE Denmark A/S

Verification of CO_2 calculation of: Nature play



Data version no. 2023-10-05

The CO_2 calculation and data are in compliance with the principles of a carbon footprint impact according to the GHG protocol (Greenhouse Gas Protocol), Scope 3, cradle to gate related to all individual components in the product category: "Nature play" represented by item no.: NRO409-0621.

(Scope 3 emissions include emission sources in the upstream and downstream value chain).

Date: 30. October 2023 | Valid until: 30. October 2025
Verified by:

Julie Marie Vejsgaard Larsen, LCA & EPD Consultant

Verification based on report: Validation of CO_2 calculation of 9 categories of Kompan product line, version 1.0, prepared by: Bureau Veritas HSE, Denmark: Julie M. V. Larsen.

Publication date: 30. October 2023

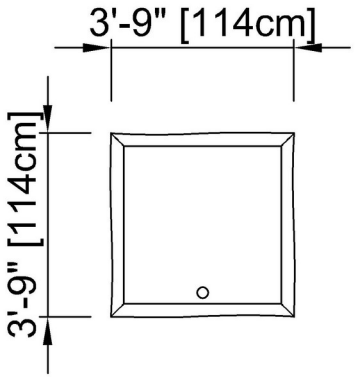
By Bureau Veritas HSE
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Splash Table

NRO506

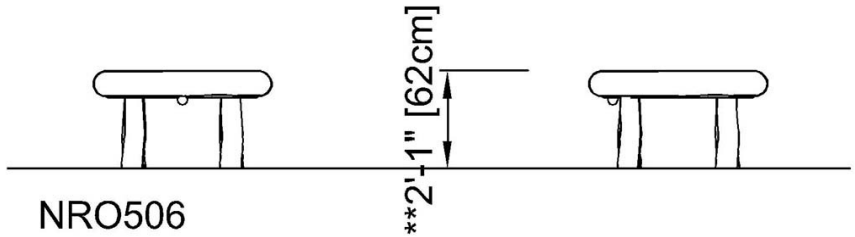
* Max fall height | ** Total height | *** Safety surfacing area



NRO506-xx01

** 2' / 62cm

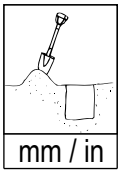
* Max fall height | ** Total height

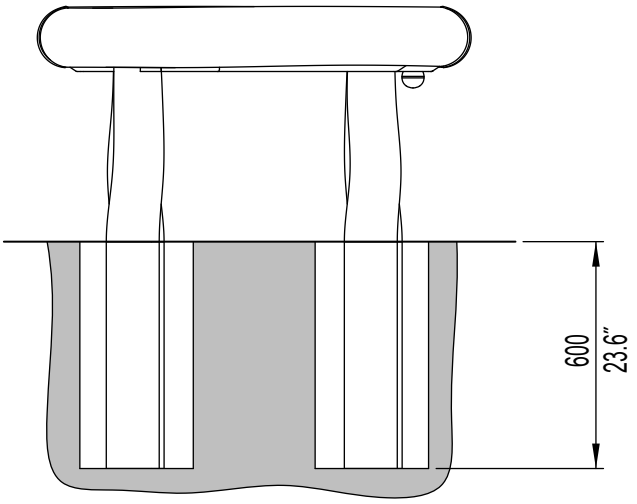


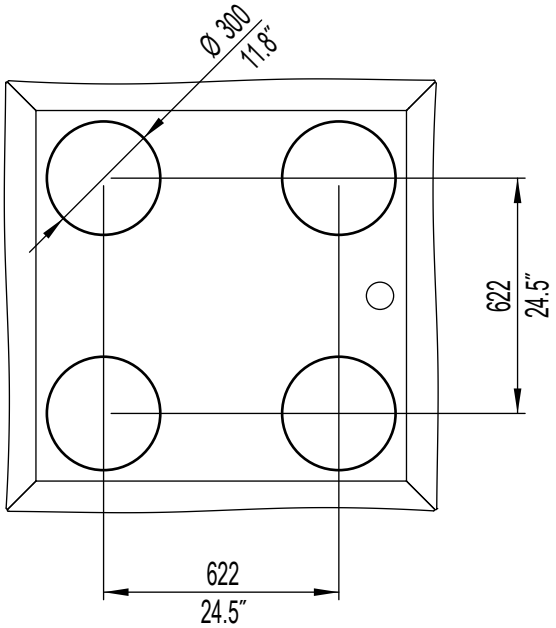
Click to see TOP VIEW

Click to see SIDE VIEW

Data is subject to change without prior notice.





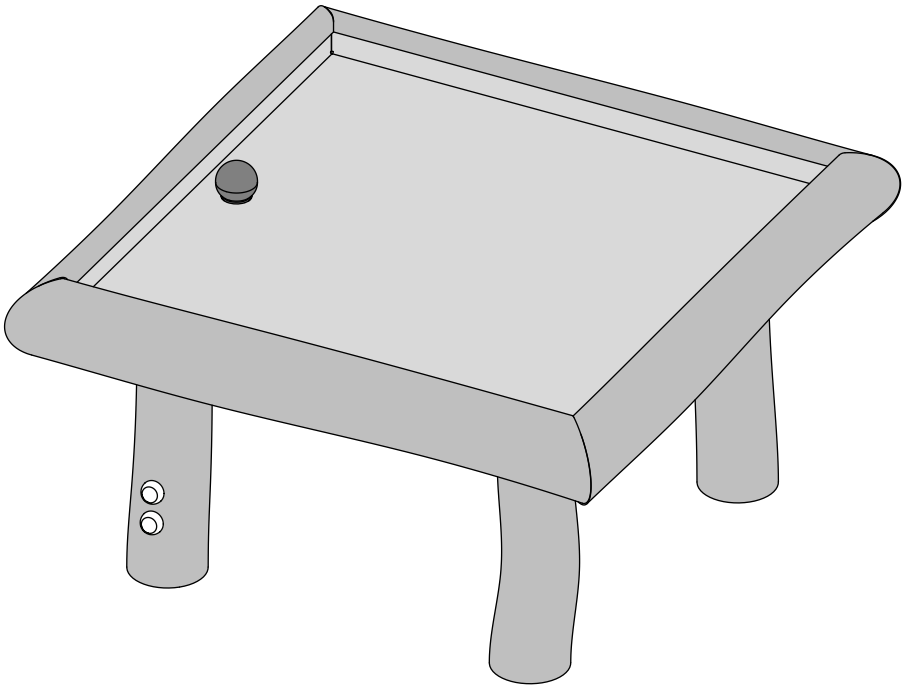


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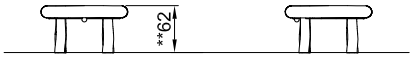
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NRO506-0612
ART525-0601



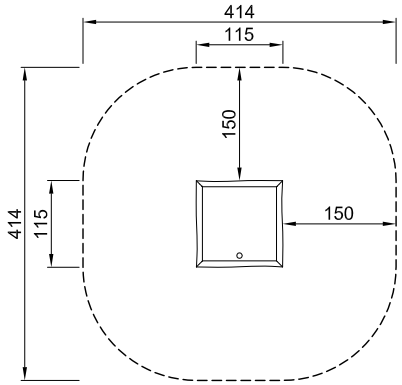
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Safety zone in accordance with EN 1176/AS4685
Sicherheitsabstand gemäß EN 1176/AS4685
Espace d'évolution selon EN 1176/AS4685
Zona de seguridad según EN 1176/AS4685
Distanze di sicurezza in conformità con lo standard EN 1176/AS4685
Veiligheidsgebied in overeenstemming met EN 1176/AS4685
Säkerhetsområde enl EN 1176/AS4685
Sikkerhedsareal iht. EN 1176/AS4685
Зона безопасности в соответствии с EN 1176/AS4685
EN1176/AS4685-normin mukainen turva-alue



NRO506-xx01
1:100



NRO506-xx01
*0cm
**62cm
***15.2m²
1:100

* Free height of fall
Freie Fallhöhe
Hauteur de chute libre
Altura de caída libre
Altezza di caduta libera
Vrije valhoogte
Fri fallhöjd
Fri faldhøjde
Высота свободного падения
Vapaa putoamiskorkeus

All measurements are in cm
Alle Maßangaben in cm
Toutes les dimensions sont indiquées en cm
Todas las medidas están indicadas en cm
Tutte le misure sono in cm
Alle afmetingen zijn in cm
Alla mått är angivna i cm
Alle mål er angivet i cm
Все измерения в см.
Kaikki ohjeessa mainitut mitat ovat senttimetrejä.

Please note: The safety zone shown on this drawing is in accordance with EN 1176/AS4685. There may be some locations where a larger safety zone is required. If in doubt, please contact your play consultant.

Achtung: Der angegebene Sicherheitsabstand entspricht EN 1176/AS4685. Bestimmte Länder schreiben größere Sicherheitsabstände vor. Bitte wenden Sie sich in Zweifelsfällen an Ihren Berater.

Attention : l'espace d'évolution montré est conforme à EN 1176/AS4685. Dans certains pays, un espace d'évolution plus grand peut être exigé. Prière de contacter notre conseiller en cas de doute.

Observe: La zona de seguridad demostrada en este dibujo cumple con EN 1176/AS4685. En algunos sitios puede ser necesaria una zona de seguridad más grande. En caso de tener alguna duda, por favor póngase en contacto con nuestro consultor.

Attenzione: la distanza di sicurezza specificata è conforme ai requisiti EN 1176/AS4685. In alcuni paesi, le norme locali possono richiedere distanze di sicurezza maggiori. In caso di dubbi, contattare il nostro consulente.

N.B.: het getoonde veiligheidsgebied is in overeenstemming met EN 1176/AS4685. In sommige landen kan een groter veiligheidsgebied vereist zijn. In geval van twijfel onze adviseur raadplegen.

Obs: Det markerade säkerhetsområdet följer EN 1176/AS4685. I vissa länder kan det finnas krav på större säkerhetsområde. Kontakta vänligen vår konsulent om du är osäker.

Obs.: Det viste sikkerhedsareal er i overensstemmelse med EN 1176/AS4685. I nogle lande kan der være krav om større sikkerhedsareal. Kontakt venligst vores konsulent ved tvivlsspørgsmål.

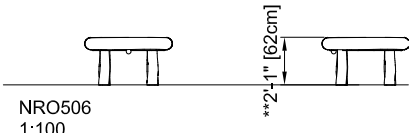
Внимание: Зона безопасности указана в соответствии с EN 1176/AS4685. Возможны случаи, когда требуется увеличение зоны безопасности. В затруднительных случаях обращайтесь к Вашему консультанту.

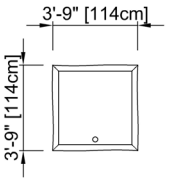
Huom: Tämän piirustuksen turva-alue on EN1176/AS4685-normin mukainen. Joissain sijoituspaikoissa saatetaan edellyttää suurempaa turva-aluetta. Jos olet epävarma, otathan yhteyttä KOMPANIIN.

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VNRO506 20170123 PetrJu

Safety zone in accordance with ASTM 1487/CSA Z614
Sicherheitsabstand gemäß ASTM 1487/CSA Z614
Espace d'évolution selon ASTM 1487/CSA Z614
Zona de seguridad según ASTM 1487/CSA Z614
Distanze di sicurezza in conformità con lo standard ASTM 1487/CSA Z614
Veiligheidsgebied in overeenstemming met ASTM 1487/CSA Z614
Säkerhetsområde enl ASTM 1487/CSA Z614
Sikkerhedsareal iht. ASTM 1487/CSA Z614
Зона безопасности в соответствии с ASTM 1487/CSA Z614
ASTM 1487/CSA Z614-normin mukainen turva-alue





* Free height of fall
Freie Fallhöhe
Hauteur de chute libre
Altura de caída libre
Altezza di caduta libera
Vrije valhoogte
Fri fallhöjd
Fri faldhøjde
Высота свободного падения
Vapaa putoamiskorkeus

NRO506-xx01

** 2' / 62cm

Please note: The safety zone shown on this drawing is in accordance with ASTM 1487/CSA Z614. There may be some locations where a larger safety zone is required. If in doubt, please contact your play consultant.

Achtung: Der angegebene Sicherheitsabstand entspricht ASTM 1487/CSA Z614. Bestimmte Länder schreiben größere Sicherheitsabstände vor. Bitte wenden Sie sich in Zweifelsfällen an Ihren Berater.

Attention : l'espace d'évolution montré est conforme à ASTM 1487/CSA Z614. Dans certains pays, un espace d'évolution plus grand peut être exigé. Prière de contacter notre conseiller en cas de doute.

Observe: La zona de seguridad demostrada en este dibujo cumple con ASTM 1487/CSA Z614. En algunos sitios puede ser necesaria una zona de seguridadmás grande. En caso de tener alguna duda, por favor póngase en contacto con nuestro consultor.

Nota: A área de segurança ilustrada neste desenho está de acordo com a ASTM 1487/CSA Z614. Podem existir alguns territórios onde seja exigida uma área de segurança maior. Na dúvida, por favor contacte o seu consultor local da KOMPAN.

Attenzione: la distanza di sicurezza specificata è conforme ai requisiti ASTM 1487/CSA Z614. In alcuni paesi, le norme locali possono richiedere distanze di sicurezza maggiori. In caso di dubbi, contattare il nostro consulente.

N.B.: het getoonde veiligheidsgebied is in overeenstemming met ASTM 1487/CSA Z614. In sommige landen kan een groter veiligheidsgebied vereist zijn. In geval van twijfel onze adviseur raadplegen.

Obs: Det markerade säkerhetsområdet följer ASTM 1487/CSA Z614. I vissa länder kan det finnas krav på större säkerhetsområde. Kontakta vänligen vår konsulent om du är osäker.

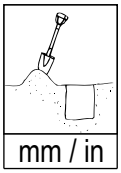
Obs.: Det viste sikkerhedsareal er i overensstemmelse med ASTM 1487/CSA Z614. I nogle lande kan der være krav om større sikkerhedsareal. Kontakt venligst vores konsulent ved tvivlsspørgsmål.

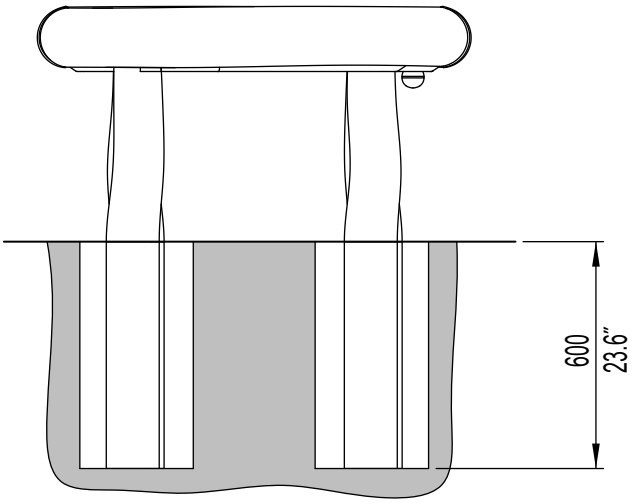
Внимание: Зона безопасности указана в соответствии с ASTM 1487/CSA Z614. Возможны случаи, когда требуется увеличение зоны безопасности. В затруднительных случаях обращайтесь к Вашему консультанту.

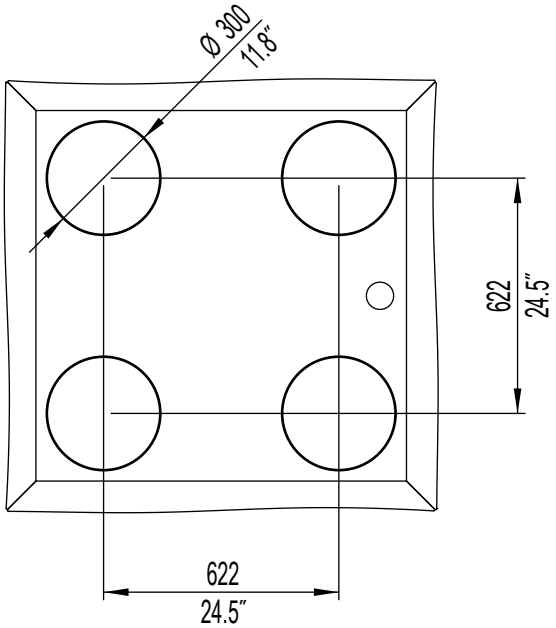
Huom: Tämän piirustuksen turva-alue on ASTM 1487/CSA Z614-normin mukainen. Joissain sijoituspaikoissa saatetaan edellyttääsuurempaa turva-aluetta. Jos olet epävarma, otathan yhteyttä KOMPANiin.

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NRO506-0002

A



210100408025

B



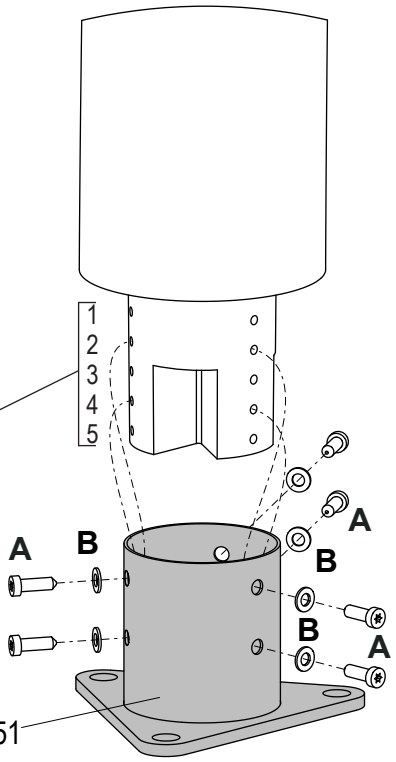
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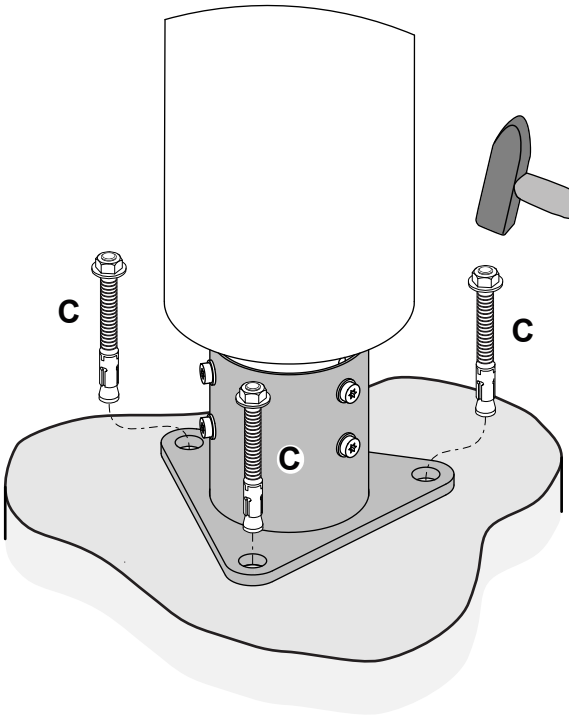
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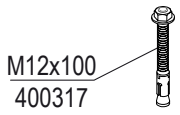


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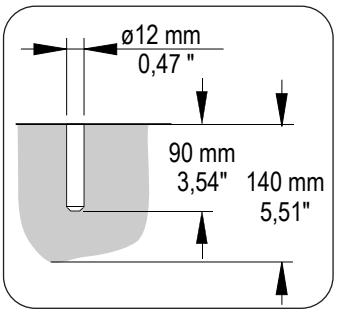
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55mm [2.2"]	2,4
75mm [3"]	3,5







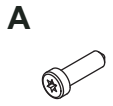
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NRO506-0612



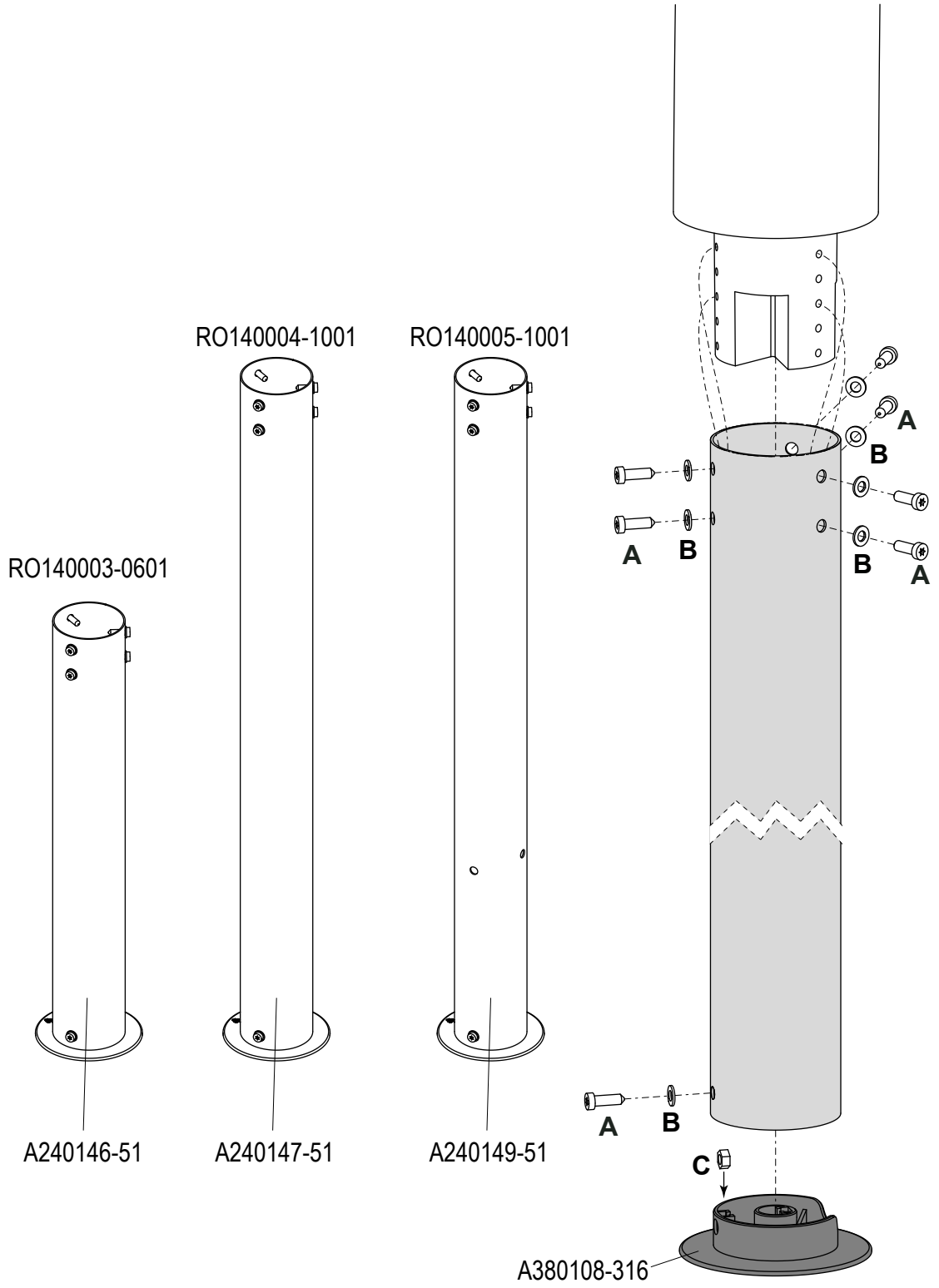
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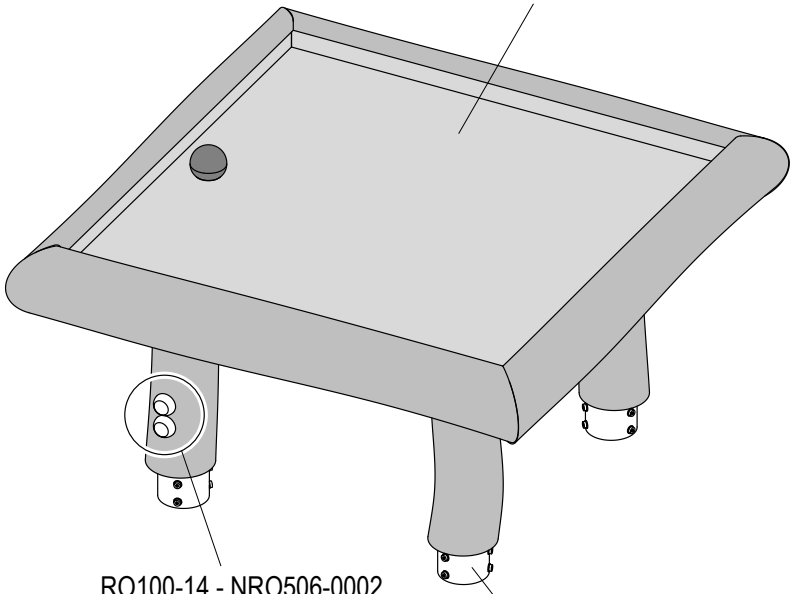
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NRO506-0602/FSC
NRO506-0612

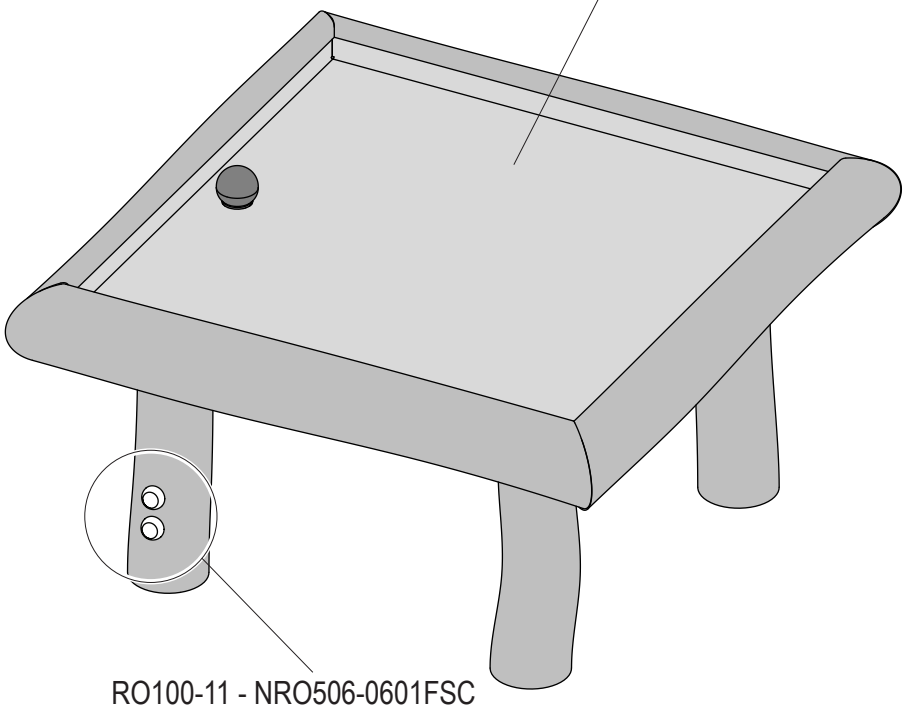


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NRO506-0611/FSC
ART525-0601

RO123001-0601/FSC - NRO506-0601/FSC
RO123001-0611/FSC - NRO506-0611/FSC
RO123001-0601 - ART525-0601



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RO100-12 - NRO506-0601/-0611
RO100-16 - NRO506-0611FSC

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