JEFFERSON PARISH
PURCHASING DEPARTMENT

CYNTHIA LEE SHENG
PARISH PRESIDENT

RENNY SIMNO
DIRECTOR

January 21, 2026

ADDENDUM # 1

Bid Number: 50-00149281 **Due Date: February 10, 2026**

Postponed Due Date: February 24, 2026

Labor, Materials, and Equipment Needed to Install Inclusive Playground at Parc Des Familles for The Jefferson Parish Department of Parks and Recreation

Question and Answer:

1. **Question:** Can you please provide drawings?

   Answer: No drawing will be provided for this bid. Please refer to specifications section 1.0 – Site Visit. All bidders may visit Lakeshore Playground; 1125 Rosa Ave., Metairie, LA 70005 for an example of an approved Inclusive Tot Lot. Also, Section 5.0 – Quantities/Inspection**.** Bidders must inspect the site and perform their own measurements in order to determine the proper quantity of materials and equipment required to complete this project.

Revision:

Please see a Revised Specifications with product drawings attached.

*****PLEASE SEE THE REVISED SPECIFICATION ATTACHED. *****

*****PLEASE REMEMBER TO ACKNOWLEDGE THIS ADDENDUM BY NUMBER ON YOUR BID SUBMISSION****

Sincerely,

Stacey Champagne
Purchasing Specialist II
Jefferson Parish Purchasing Department

Bidders must acknowledge all addenda on the bid form. Bidder acknowledges receipt of this addendum on the bid form by indicating the addendum number listed above. Failure to list each addenda number on the bid form will result in bid rejection.

This addendum is a part of the contract documents and modifies the original bidding documents and specifications. The contents of this addendum shall be included in the contract documents. Changes made by this addendum shall take precedence over the documents of earlier date.

ADDENDUM #1 REVISED SPECIFICATIONS
LABOR, MATERIALS AND EQUIPMENT TO INSTALL INCLUSIVE PLAYGROUND AT PARC DES FAMILLES

6101 LEO KERNER LAFITTE PARKWAY

MARRERO, LA 70072

BID #50-00149281

VENDORS ARE REQUIRED TO SUBMIT SPECIFICATIONS FOR EACH PRODUCT WITH BID SUBMISSION

Section 1.0 – PRE-BID CONFERENCE

There will be no pre-bid meeting for this project. Vendors may visit Lakeshore Playground; 1125 Rosa Ave., Metairie, LA 70005 for an example of a Jefferson Parish approved Inclusive Tot Lot. The successful bidder will be responsible for all measurements, etc. All site visits should be arranged through Brent Griffin, by calling the office at (504)349-5000 or his cell at (504)419-4415, or email at brent.griffin@jeffparish.gov.

Section 2.0 – Scope:

We extend this bid to cover all labor, materials, equipment and necessary essentials to install play structure, which include the equipment and safety surface at Parc des Familles; 6101 Leo Kerner Lafitte Parkway; Marrero, LA 70072.

Purchases for this project shall be exempt from state sales and use tax according to La.R.S. 47:301(8)(c)(i). The successful bidder shall be granted the tax-exempt status of Jefferson Parish via Form R-1020, Designation of Construction Contractor as Agent of a Governmental Entity Sale Tax Exemption Certificate. Form R-1020 is distributed by the Louisiana Department of Revenue.

Section 3.0 –License Requirements:

The following Louisiana State license shall be required for this project:

LIMITED SPECIALTY SERVICES

ADDENDUM #1 REVISED SPECIFICATIONS

Section 4.0 – Bond Requirements

- Payment Bond – 50 % of the contract cap amount
- Performance Bond – 50% of the contract cap amount
- Bid Bond- 5% of the total bid price

  Bid Bonds to be submitted with the bid.

  Payment and Performance Bonds are to be submitted at contract execution.

Section 5.0 – Quantities/Inspection:

Bidders must inspect the site and perform their own measurements in order to determine the proper quantity of materials and equipment required to complete this project. All measurements given in these specifications are informational only.

Section 6.0 – Bid Specifications:

THREE-PART PROJECT

1) **PLAYGROUND EQUIPMENT**
2) **SURFACING**
3) **Execution**

PART 1 – INCLUSIVE PLAYGROUND PLAY STRUCTURES

SECTION 1 GENERAL

Note: Wherever a brand name, make, manufacturer, model, or catalog number is specified, it is used only to denote the quality standard of product desired and does not restrict bidders to that brand or manufacturer. Such references are intended solely to convey the general style, type, character, and minimum quality of product required. Equivalent products may be acceptable if, in the Parish's sole discretion, they meet all specifications and project needs. Required documentation for proposed equivalents shall be submitted in accordance with these specifications.

1.1 SECTION INCLUDES

A. Play structures including the following:

1. PlayBooster, or equal, Inclusive Play System designed for ages 5-12 years

2. Multiple Users Motion Events – We-Go-Round; with Custom Nature Panels, or equal
3. Swings – Group Swing - Oodle, or equal, Single Post Swing
4. Sensory Play – Cozy Dome; Cascata Bells: Grandioso Chimes; Kettle Drum, or equal
5. CUSTOM Breeze Structure (2-5 Years), or equal
6. Site Furnishings – TenderTuff or equal Benches; Hand Sanitizer Station; Welcome sign; Symbol Communication Sign English/Spanish

1.2 REFERENCES

A. ASTM International (ASTM):

1. ASTM A123 - Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products.
2. ASTM A500 - Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes.
3. ASTM A635 - Standard Specification for Steel, Sheet and Strip, Heavy-Thickness Coils, Hot-Rolled, Alloy, Carbon, Structural, High-Strength Low-Alloy, and High-Strength Low-Alloy with Improved Formability, General Requirements for.
4. ASTM A1011 - Standard Specification for Steel, Sheet and Strip, Hot-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, and Ultra-High Strength.
5. ASTM B117 - Standard Practice for Operating Salt Spray (Fog) Apparatus.
6. ASTM B221 - Standard Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
7. ASTM C39 - Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens.
8. ASTM C947 - Standard Test Method for Flexural Properties of Thin-Section Glass-Fiber-Reinforced Concrete (Using Simple Beam with Third-Point Loading).
9. ASTM D522 - Standard Test Methods for Mandrel Bend Test of Attached Organic Coatings.
10. ASTM D638 - Standard Test Method for Tensile Properties of Plastics,
11. ASTM D1505 - Standard Test Method for Density of Plastics by the Density-Gradient Technique.
12. ASTM D1654 - Standard Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments.
13. ASTM D2794 - Standard Test Method for Resistance of Organic Coatings to the Effects of Rapid Deformation (Impact).
14. ASTM D3359 - Standard Test Methods for Rating Adhesion by Tape Test.
15. ASTM D3363 - Standard Test Method for Film Hardness by Pencil Test.
16. ASTM F879 - Standard Specification for Stainless Steel Socket Button and Flat Countersunk Head Cap Screws.
17. ASTM F1487 - Standard Consumer Safety Performance Specification for Playground Equipment for Public Use.
18. ASTM G154 - Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials.

B. Industrial Fasteners Institute (IFI): IFI 125 - Test Procedure for the Performance of Chemical Coated

Prevailing-Torque Screws.

C. ADA Standard for Accessible & Inclusive Design.

1.3 SUBMITTALS

A. Product Data: Manufacturer's data sheets on each product to be used, including:
   1. Preparation instructions and recommendations.
   2. Storage and handling requirements and recommendations.
   3. Installation methods. (Surface mount required unless otherwise noted).

B. Shop Drawings: manufacturer's cad & pdf file of proposed playground site plan including the IPEMA Certification as well as breakdown of elevated/ground level play events/accessible by ramp, transfer, etc., colored 3D renderings, and a 3D video of proposed playground in its entirety. If bidding an alternate manufacturer, please include at least a site plan with sizes of proposed products/manufacturer with your bid.

C. If equipment is an alternate to the "Basis of Design", include a list of ALL deviations/variations including increase in area/alternate components/warranty/etc. Include with bid if applicable.

D. Selection Samples: From manufacturers standard color selections; make available upon request; include paint chips, poly colors, HDPE colors, etc. To be chosen by Owner in submittal phase.

E. Installation Documentation: All shipments shall include a packet of order-specific, step-by-step instructions for assembly of each component, including equipment assembly diagrams, footing dimensions, fall height information, and area required information.

1.4 QUALITY ASSURANCE

A. Manufacturer Qualifications: Minimum 15 years' experience manufacturing same/similar products; capability of manufacturing and providing custom products as needed to be equivalent to the basis of design.

B. All products must be manufactured in the USA.

C. Installer Qualifications: Minimum 5-year experience installing same/similar products. Factory Certified by one or multiple manufacturers. Installer must have a minimum of 1 (one) CPSI (Certified Playground Safety Inspector) on playground installation crew at all times.

D. All play structures shall be certified and validated to be in conformance with the most current ASTM F-1487 Standards. (Must be shown on manufacturers drawing).

E. To the best of manufacturer's belief and knowledge play structures conform to the U.S. Consumer Products Safety Commission (CPSC) Guidelines.

F. Unless otherwise noted, all play structures are considered accessible according to the 2010 ADA Standard for Accessible Design. Playground to be considered fully INCLUSIVE for ages 2-12 Years.

1. Comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines for Buildings and Facilities and ICC A117.1 for playground equipment designated as accessible.

1.5 DELIVERY, STORAGE, AND HANDLING

A. Deliver and store products in manufacturer's unopened packaging bearing the brand name and manufacturer's identification until ready for installation.

B. Packaging: Components shall be individually wrapped, or bulk wrapped to provide protection during shipment. Small parts and hardware packages will be placed in crates for shipment. The components and crates are then shrink-wrapped to skids (pallets) to ensure secure shipping.

C. Handling: Handle materials to avoid damage.

1.6 PROJECT CONDITIONS

A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturers for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.7 SEQUENCING

A. Ensure that products of this section are supplied to affected trades in time to prevent interruption of construction progress.

B. Hardware Packages: Each hardware package shall be labeled with the part number, description, package weight, a bar code linking the hardware package to the job number, assembler's name, date and time the package was assembled, work center number, and work order number.

1.8 WARRANTY

A. "Manufacturer" warrants that all play structures and/or equipment sold will conform in kind and in quality to the specifications manual for the products identified in the Acknowledgment of Order and will be free of defects in manufacturing and material. Manufacturer further warrants:
   1. 100-Year Limited Warranty: On all PlayBooster and PlayShaper and PlaySense aluminum posts, stainless steel fasteners, clamps, beams and caps against structural failure due to corrosion/natural deterioration or manufacturing defects, and on PlayBooster steel posts against structural failure due to material or manufacturing defects.
   2. 15-Year Limited Warranty: On all Evos and Weevos steel arches, all plastic components (including TuffTimbers edging), all aluminum and steel components not covered above, Mobius climbers, Rhapsody Outdoor Musical Instruments, decks and TenderTuff coatings (except Wiggle Ladders, Chain Ladders and Swing Chain) against structural failure due to material or manufacturing defects.
   3. 3-Year Limited Warranty: On all other parts, i.e.: Pulse products, all swing seats and hangers, Mobius climber handholds, Wiggle Ladders, Chain Ladders and ProGuard Swing Chain, Track Ride trolleys and bumpers, all rocking equipment including Sway Fun gliders, belting material, HealthBeat resistance mechanism, Seesaws, etc., against failure due to corrosion/natural deterioration or manufacturing defects.

4. The environment near a saltwater coast can be extremely corrosive. Some corrosion and/or deterioration is considered "normal wear" in this environment. Product installed within 500 yards (457 meters) of a saltwater shoreline will only be covered for half the period of the standard product warranty, up to a maximum of five years, for defects caused by corrosion. Products installed in direct contact with saltwater or that are subjected to salt spray are not covered by the standard warranty for any defects caused by corrosion.
5. This warranty does not include any cosmetic issues or wear and tear from normal use. It is valid only if the playstructures and/or equipment are erected to conform with Landscape Structures' installation instructions and maintained according to the maintenance procedures furnished by Landscape Structures Inc.

1.9 EXTRA MATERIALS

A. Maintenance Kit: A maintenance kit shall be provided for each Play Structure design ordered. The kit will include a maintenance document with recommendations on how often to inspect, what to look for and what to do to keep the equipment in like-new condition. The kit also includes appropriate color touch-up paint and additional installation tools for the tamperproof fasteners.

PRODUCTS

1.10 MANUFACTURERS

A. Basis of design is Landscape Structures Inc. CUSTOM Design # 1178071-01-04 or OWNER APPROVED EQUAL.

B. Alternate manufacturers seeking approval should provide a list of each deviation from the specified products as well as a 2d drawing with dimensions of proposed products. It is suggested to include deviations and site plan with bid.

1.11 MATERIAL

A. Material: All materials shall be structurally sound and suitable for safe play.

B. Fasteners: **ALL** Primary fasteners shall be socketed and pinned, tamperproof in design, stainless steel (**SST**) per ASTM F879 unless otherwise indicated. All primary fasteners shall include a locking patch-type material that will meet the minimum torque requirements of IFI-125. Manufacturers shall provide special tools for pinned tamperproof fasteners.

C. TenderTuff, or equal, (Vinyl) Coating: Metal components to be TenderTuff, or equal, coated shall be thoroughly cleaned in a hot phosphatizing wash system, then primed with a water-based thermosetting solution. Primed parts shall be preheated prior to dipping in UV stabilized, liquid polyvinyl chloride (PVC), and then salt cured at approximately 400 degrees F (204 degrees C). The finished coating shall be approximately .080 inch (2 mm) thick at an 85 durometer with a minimum tensile strength of 1700 psi and a minimum tear strength of 250lbs/inch. (Colors: standard colors to be chosen by Owner).

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D. ProShield, or equal, (Powdercoat) Finish: All metal components with ProShield, or equal, finish shall be thoroughly cleaned and pretreated through a multi-stage wash system. Parts are then thoroughly dried, preheated and processed through a set of powder spray guns where a minimum .002 inch (.05 mm) of epoxy primer is applied. A minimum .004 inch (0.10 mm) of architectural-grade Super Durable polyester TGIC powder is applied. The average ProShield, or equal, film thickness is .006 inch (0.15 mm).
   1. ProShield, or equal, is formulated and tested per the following ASTM standards. Each color must meet or exceed the ratings listed below:
      a. Hardness (D3363) rating 2H.
      b. Flexibility (D522) pass 1/8-inch (3 mm) mandrel.
      c. Impact (D2794) rating minimum 80 inch-pounds.
      d. Salt Fog Resistance (B117 and D1654) 4,000 hours and rating 6 or greater.
      e. UV Exposure (G154, 340 bulb) 3,000 hours, rating delta E of 2, and 90 percent gloss retention. Certain colors may exceed delta E of 2.
      f. Adhesion (D3359, Method B) rating 5B.
   2. The Paint Line shall employ a "checkered" adhesion test daily.
   3. Playground colors (various material types) shall be chosen by Owner based on manufacturer's standard color selections.

E. Decks: Decks shall be of modular design and have 5/16-inch diameter holes on the standing surface. There shall be a minimum of four slots in each face to accommodate face mounting of components. Decks shall be manufactured from a single piece of low carbon 12 Ga. (.105 inch) sheet steel conforming to ASTM specification A1011. The sheet shall be perforated with a return flange formed on the perimeter to provide the reinforcement necessary to ensure structural integrity. There shall be no unsupported area larger than 3.5 square feet (.33 square meters). The unit shall then be TenderTuff, or equal.
   1. Play System Decks shall be designed so that all sides are flush with the outside edge of the supporting posts.

F. Rotationally Molded Polyethylene Parts: These parts shall be molded using prime natural linear low-density polyethylene (LDP) with a tensile strength of 2400 psi per ASTM D638. Rotational molding resin is compounded with color and UV-stabilizing additives with a nominal wall thickness typically 1/4 inch (6 mm) with some variation depending upon product type. Standard colors are available.

G. Recycled Permalene, or equal, Parts: These parts shall be manufactured from 3/4-inch high-density polyethylene that has been specially formulated for optimum UV stability and color retention. Products shall meet or exceed density of .960 G/cc per ASTM D1505, tensile strength of 2400 PSI per ASTM D638. Available in a three-layer product with (2) .100 inch (2.5 mm) thick colored exterior layers over a .550 inch (14mm) thick recycled Black interior core. Standard colors are available.

H. Footings: Unless otherwise specified, the depth on all footings shall be 34 inches (864 mm) below Finished Grade (FG) on all in-ground play events/posts.

ADDENDUM #1 REVISED SPECIFICATIONS

1.12 PlayBooster, or equal, PLAY SYSTEM - INCLUSIVE

A. Description:

1. Ages 2 to 12 Years.
2. The PlayBooster, or equal, Inclusive playground structure, the original 5” OD post-and-clamp system, combines exciting ground-level components with climbing events and overhead activities for kids ages 2 to 12.
3. U.S. Patent number 9,375,609 and other patents pending.

B. Material:

1. Posts: Post length shall vary depending upon the intended use and shall be a minimum of 42 inches above the deck height. All upright support posts shall be 5” OD Aluminum, unless otherwise noted. Posts to have a ProShield, or equal, finished to specified color. All posts shall have a "finished grade marker" positioned on the posts. Top caps for posts shall be aluminum die cast from 369.1 alloy and ProShield, or equal, finished to match the post color. All caps shall be factory installed and secured in place with self-sealing rivets. A molded low-density polyethylene cap, with drain holes, shall be pressed onto the bottom end of the post to increase the footing area. teel Posts (Shade posts; inground only) All steel PlayBooster, or equal, posts are manufactured from 5 inches O.D. tubing with a wall thickness of .120 inches and shall be galvanized after rolling and shall have both the I.D. and the cut ends sprayed with a corrosion resistant coating.
2. Steel Post Mechanical Properties:
    a. Yield Strength (min): 50,000 PSI.
    b. Tensile Strength (min): 55,000 PSI.
    c. Elongation: 25% in 2 inches (51 mm).
    d. Modulus of Elasticity: 29.5 x 1,000,000 PSI.
3. Aluminum Posts: All aluminum PlayBooster, or equal, posts are manufactured from 6005-T5 extruded tubing conforming to ASTM B-221. Posts shall have 5 inches outside diameter with a .125 inches wall thickness.
4. Aluminum Post Mechanical Properties:
    a. Yield Strength (min): 35,000 PSI.
    b. Tensile Strength (min): 38,000 PSI.
    c. Elongation: 10% in 2 inches.
    d. Modulus of Elasticity: 10 x 1,000,000 PSI.
5. Clamps: All clamps are ProShield, or equal, finished and, unless otherwise noted, shall be die cast using a 369.1 aluminum alloy and have the following mechanical properties:
    a. Ultimate Tensile: 47,000 PSI.
    b. Yield Strength: 28,000 PSI.
    c. Elongation: 7% in 2 inches (51 mm).
    d. Shear Strength: 29,000 PSI.
    e. Endurance Limit: 20,000 PSI.

6. Clamps: Each functional clamp assembly shall have an appropriate number of half clamps and shall be fastened to mating parts with (2) 3/8-inch x 1-1/8 inches pinned button head cap screws (SST) and (2) stainless steel (SST) recessed "T" nuts. A 1/4-inch aluminum drive rivet with stainless steel pin is used to ensure a secure fit to the post and provides added security.
7. Clamps have three functional applications and shall be named as follows:
    a. Offset hanger clamp assembly.
    b. Deck hanger clamp assembly.
    c. Hanger clamp assembly.
8. Activity play panels are available in standard Permalene, or equal colors.
9. Ramp Exit Plate bolted to Concrete
    a. Ramp Plate: Fabricated from 10 GA (.135") HRPO steel plate with 3/8" x 1" stainless steel mounting stud. Finish: TenderTuff, or equal, brown in color.
    b. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications).
    c. Deck Hanger Clamp Assembly: Cast aluminum. Finish: ProShield, or equal, color specified.
10. Bridge w/Guardrails w/Curbs
    a. Curb: Compression molded Permalene, or equal 3/4" thick x 5" high U.V. stabilized high-density polyethylene with all edges eased; standard colors.
    b. Bridge Handrail: Weldment is comprised of 1.900" O.D. RS-20 (.090" - .100") galvanized steel tubing beam, 1.315" O.D. RS-20 (.080" - .090") and 1/4" x 1 3/4" steel half clamps. Finish: ProShield, or equal, color specified.
    c. Bridge/Ramp: Weldment is comprised of 12 GA (.105") sheet HRPO steel conforming to ASTM A1011 and 3/16" HR flat steel. Standing surface is perforated with 5/16" diameter holes. Finish: TenderTuff, or equal, Brown in color.
    d. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications).
    e. Half Clamp: Cast aluminum. Finish: ProShield, or equal, color specified.

ADDENDUM #1 REVISED SPECIFICATIONS

11. Ramp w/Guardrails w/Curbs Meets ASTM
    a. Curb: Compression molded Permalene, or equal 3/4" thick x 5" high U.V. stabilized high-density polyethylene with all edges eased, color as specified.
    b. Bridge/Ramp: Weldment comprised of 12 GA (.105") sheet HRPO steel conforming to ASTM A1011 and 3/16" HR flat steel. Standing surface is perforated with 5/16" diameter holes. Finish: TenderTuff, or equal, Brown in color.
    c. Ramp Handrail: Weldment comprised of 1.25" O.D. x 12 Ga. (.109") wall galvanized steel tubing, and 1/4" x 1 3/4" steel half clamps. Finish: ProShield, or equal, color specified.
    d. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications).
    e. Clamps: Cast aluminum. Finish: ProShield, or equal, color specified._Square Tenderdeck
    f. Square Deck: Flange formed from 12 GA (.105") sheet steel conforming to ASTM A1011. Standing surface is perforated with 5 / 16" diameter holes. Deck face has (4) slotted holes for face mounting components. The finished size measures 2 5 / 8 " x 47" x 47". Finish: TenderTuff (or equal), color specified (or equal), color specified.
    g. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).
    h. Offset Hanger Clamp Assembly: Cast aluminum. Finish: ProShield (or equal), color specified.

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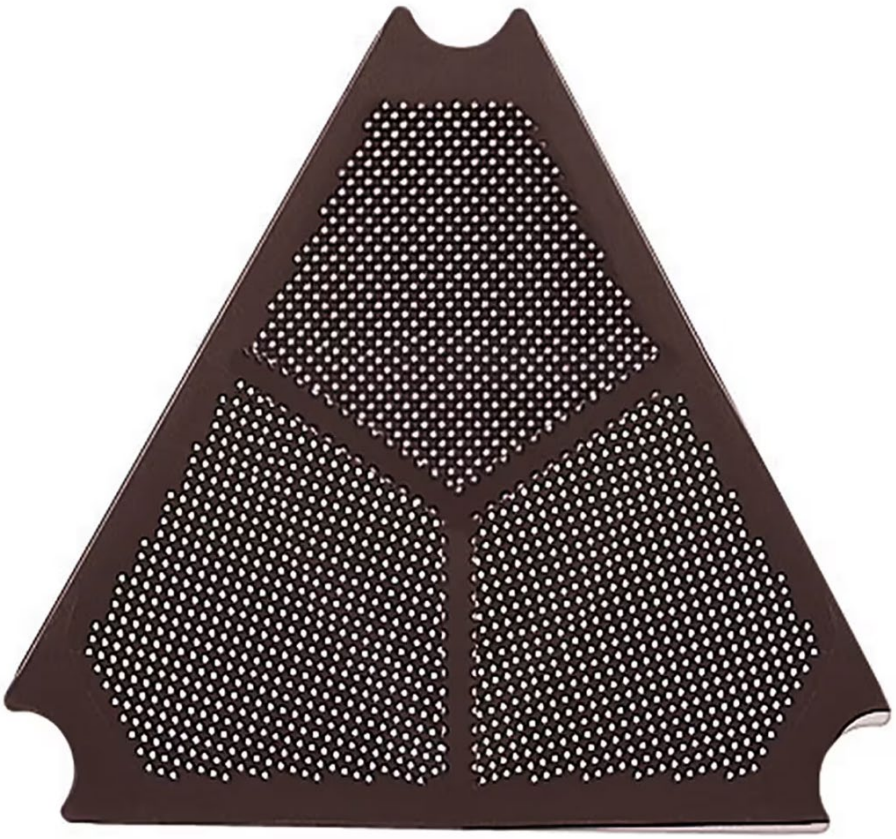
12. Triangular Tenderdeck
    a. Triangular Deck: Flange formed from 12 GA (.105") sheet steel conforming to ASTM A1011. Standing surface is perforated with 5/16" diameter holes. Deck face has (4) slotted holes for face mounting components. The finished size measures 2 5/8" x 37 3/4" Finish: TenderTuff (or equal) color specified.
    b. Deck Hanger Clamp Assembly: Cast aluminum. Finish: ProShield (or equal) color specified.
    c. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).



ADDENDUM #1 REVISED SPECIFICATIONS

13. Tri-Deck Extension
    a. Triangular Deck Extension: Flange formed from 12 GA (.105") sheet steel conforming to ASTM A1011. Standing surface is perforated with 5/16" diameter holes. Deck face has (4) slotted holes for face mounting components. The finished size of two of the three sides measures 2 5/8" x 37 7/8" on the face of the deck and the other side measures 2 5/8" x 43 3/4" . Finish: TenderTuff (or equal), color specified.
    b. Deck Hanger Clamp Assembly: Cast aluminum. Finish: ProShield, color specified.
    c. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).

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14. Kick Plate 8"Rise
    a. Kick Plate: Fabricated from 11 GA (.120") HR flat steel. Finish: TenderTuff (or equal), color specified.
    b. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).

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15. Hexagon Tenderdeck
    a. Hex Deck: Flange formed from 12 GA (.105") sheet steel conforming to ASTM A1011. Standing surface is perforated with 5/16"iameter holes. Deck face has (4) slotted holes for face mounting components. The finished size measures 2 5/8" x 36 3/4" per each of the six sides for an overall dimension of 77 5/8" face to face. Finish: TenderTuff, color specified.
    b. Deck Brace: Fabricated from 3/8" x 1 3/4" x 28 1/2" long zinc plated steel strap. Finish: ProShield® (or equal).
    c. Deck Hanger Clamp Assembly: Cast aluminum. Finish: ProShield, color specified.
    d. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).

ADDENDUM #1 REVISED SPECIFICATIONS

16. Transfer Step w/2 Handloops 2"SM
    a. Step: Formed from 12 GA (.105") sheet steel conforming to ASTM A1011. Finish: TenderTuff (or equal), color specified.
    b. Step Support: Weldment comprised of 1.660" O.D. RS-20 (.080" - .095") galvanized steel tubing and 1 3/4" x 1 3/4" x 1/8" HR angle. Finish: ProShield (or equal) color specified.
    c. Handloop: Weldment comprised of 1.125" O.D. x 11 GA (.120") steel tubing with 203 or 303 stainless steel inserts, with 5/8" internal thread. Finish: TenderTuff (or equal), color specified.
    d. Clamps: Cast aluminum. Finish: ProShield (or equal) color specified.
    e. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).

ADDENDUM #1 REVISED SPECIFICATIONS

17. Pipe Barrier Above Deck
    a. Pipe Barrier: Weldment comprised of 5/8" solid steel vertical rails, 1 1/8" O.D. x 11 GA (.120") steel horizontal rails with 203 or 303 stainless steel welded inserts with 5/8" internal threads, 1 1/2" x 1 1/2" x 29 1/2” angle iron. Barrier measures 33 7/8” wide x 39 13/16" high. Finish: TenderTuff (or equal) color specified.
    b. 90-degree Bracket: Formed from 1/4" x 1 1/4" HRPO flat steel. Finish: ProShield (or equal), color specified.
    c. Offset Hanger Clamp Assembly: Cast aluminum. Finish: ProShield(or equal) color specified.
    d. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).

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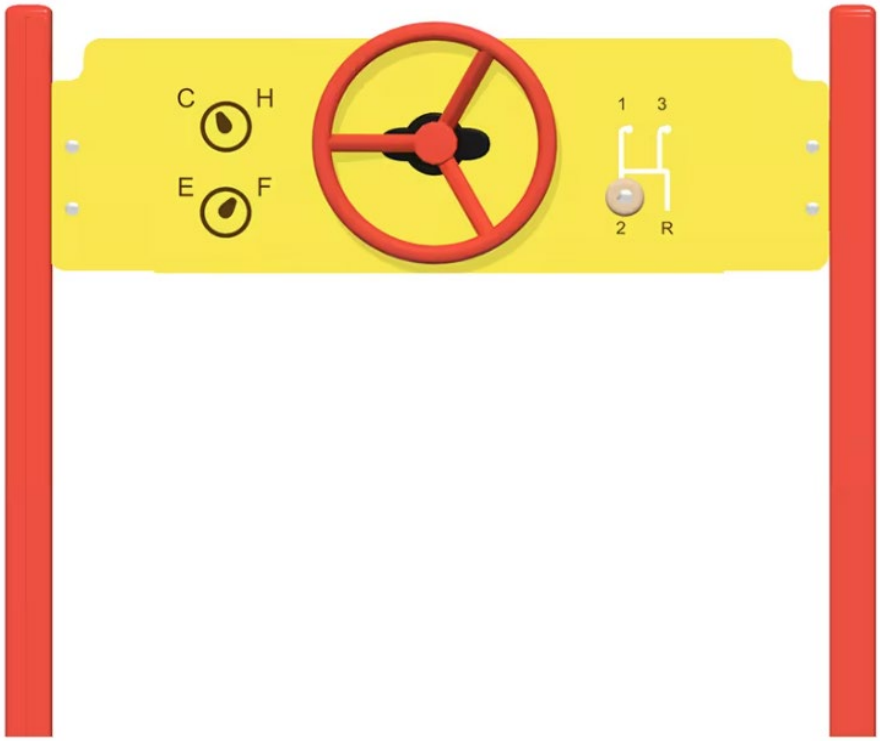
18. Braille Panel Above Deck
    a. Permalene Panel: Two color panel measure 35 5/8" wide x 41" high, color specified.
    b. Angled Panel Bracket: Weldment comprised of .190" thick 5052 aluminum formed angle with (2) 6005-T5 aluminum threaded tubes 1 1/8" O.D. x 1 1/2" long. Finish: ProShield (or equal) (or equal), color specified.
    c. Offset Hanger Clamp Assembly: Cast aluminum. Finish: ProShield (or equal), color specified.
    d. Spacer Tube: Made from 6061-T6 aluminum 7/8" (22,23 mm) O.D. x 1 11/16" (42,85 mm). Finish: ProShield (or equal), color specified.
    e. Braille Insert: Fabricated from 20 GA (.036") stainless steel.
    f. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).

ADDENDUM #1 REVISED SPECIFICATIONS

19. Navigator Reach Panel Above Deck
    a. Wheel: 12” diameter cast A319.1 aluminum alloy. Shaft-303 stainless steel. Finish: TenderTuff (or equal), color specified.
    b. Access Clamp: Weldment comprised of 3/8" HRPO steel plate and 1/4" x 1 3/4" wide steel clamp. Finish: ProShield (or equal), color specified.
    c. Permalene Panel: Two color panel measures 34" wide x 13" high, color specified.
    d. Hub: One-color Permalene, color specified.
    e. Half Clamp: Cast aluminum. Finish: ProShield (or equal), color specified.
    f. Wheel Bracket: Weldment comprised of formed 3/16" plate and 5/8” O.D. stainless steel shaft. Finish: ProShield (or equal), Black in color.
    g. Angle: Fabricated from formed 11 GA (.120") HRPO sheet steel. Finish: ProShield (or equal), color specified.
    h. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).

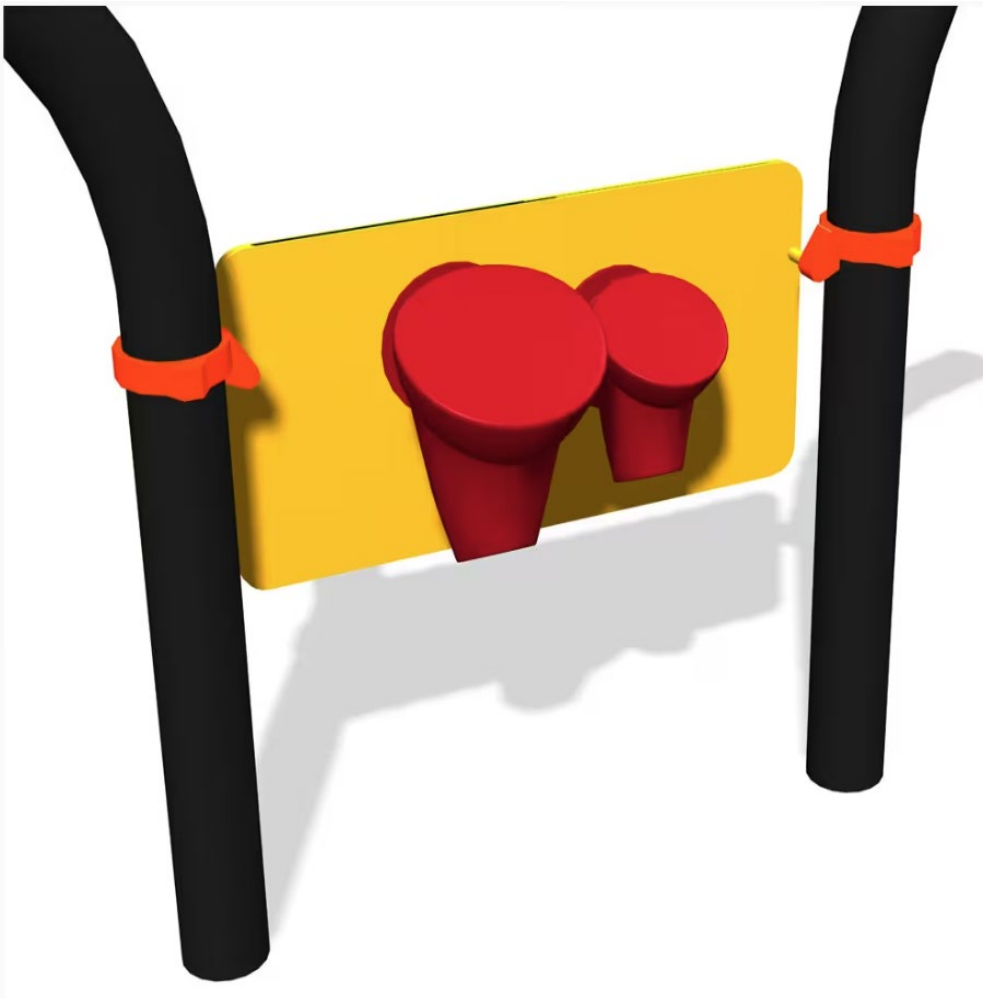


ADDENDUM #1 REVISED SPECIFICATIONS

20. Chimes Panel Above Deck
    a. Panel: One-color panel measures 34” wide x 18" high, color as specified.
    b. Front & Back Panels: Two color panels measure 23 1/4" wide x 16 1/4” high, color specified.
    c. Angled Panel Bracket: Weldment comprised of .190" thick 5052 aluminum formed angle with (2) 6005-T5 aluminum threaded tubes 1 1/8” O.D. x 1 1/2" long. Finish: ProShield or equal) color as specified.
    d. Permalene (or equal) Panels: Recycled Permalene, color specified.
    e. Spacer Tube: Made from 6061-T6 aluminum 7/8” O.D. x 1 11/16". Finish: ProShield (or equal), color specified.
    f. Angle: Fabricated from formed 11 GA (.120") HRPO sheet steel. Finish: ProShield (or equal), color specified.
    g. Half Clamp: Cast aluminum. Finish: ProShield (or equal), color specified.
    h. Access Clamp: Weldment comprised of 3/8" HRPO steel plate and 1/4" x 1 3/4" wide steel clamp. Finish: ProShield (or equal), color specified.
    i. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).

ADDENDUM #1 REVISED SPECIFICATIONS

21. Bongo Reach Panel Above Deck
    a. Bongo: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified.
    b. Screen Plate: Fabricated from 12 GA. (.105") HRPO flat steel. Finish: Black in color.
    c. Panel: Two color Permalene panel measures 34" wide x 18" high, color specified.
    d. Clamps: Cast aluminum. Finish: ProShield (or equal), color specified.
    e. Angle: Fabricated from formed 11 GA (.120") HRPO sheet steel. Finish: ProShield (or equal), color specified.
    f. Access Clamp: Weldment comprised of 3/8" HRPO steel plate and 1/4" x 1 3/4” wide steel clamp. Finish: ProShield (or equal), color specified.
    Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).



ADDENDUM #1 REVISED SPECIFICATIONS

22. Ring-A-Bell Reach Panel Above Deck
    a. Panel: Two color Permalene (or equal) panel measures 34" wide x 18” high, color specified.
    b. Bell: Fabricated from 10 GA. (.135") HRPO low carbon steel. Finish: ProShield (or equal), color specified.
    c. Bell Striker: Recycled Permalene, color specified.
    d. Angle: Fabricated from formed 11 GA (.120”) HRPO sheet steel. Finish: ProShield (or equal), color specified.
    e. Access Clamp: Weldment comprised of 3/8" HRPO steel plate and 1/4" x 1 3/4” wide steel clamp. Color specified.
    f. Half Clamp: Cast aluminum. Finish: ProShield, color specified.
    g. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).
    h. Chimes Panel – Full size. Angled Panel Bracket: Weldment comprised of .190" thick 5052 aluminum formed angle with (2) 6005-T5 aluminum threaded tubes 1 1/8" O.D. x 1 1/2” long. Finish: ProShield (or equal), color specified.
    i. Chimes: Fabricated from 6063-T832 aluminum. Finish: Anodized per Mil - A - 8625 type 2, class 1.
    j. Permalene Panels (or equal): Recycled Permalene, color as specified.
    k. Spacer Tube: Made from 6061-T6 aluminum 7/8" O.D. x 1 11/16". Finish: ProShield (or equal), color a specified.

ADDENDUM #1 REVISED SPECIFICATIONS

23. Sign Language Panel above deck
    a. Permalene (or equal) Panel: Two color panel measures 35 5/8") wide x 41" high, color specified.
    b. Offset Hanger Clamp Assembly: Cast aluminum. Finish: Color specified.
    c. Spacer Tube: Made from 6061-T6 aluminum 7/8" O.D. x 1 11/16"
    d. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).

ADDENDUM #1 REVISED SPECIFICATIONS

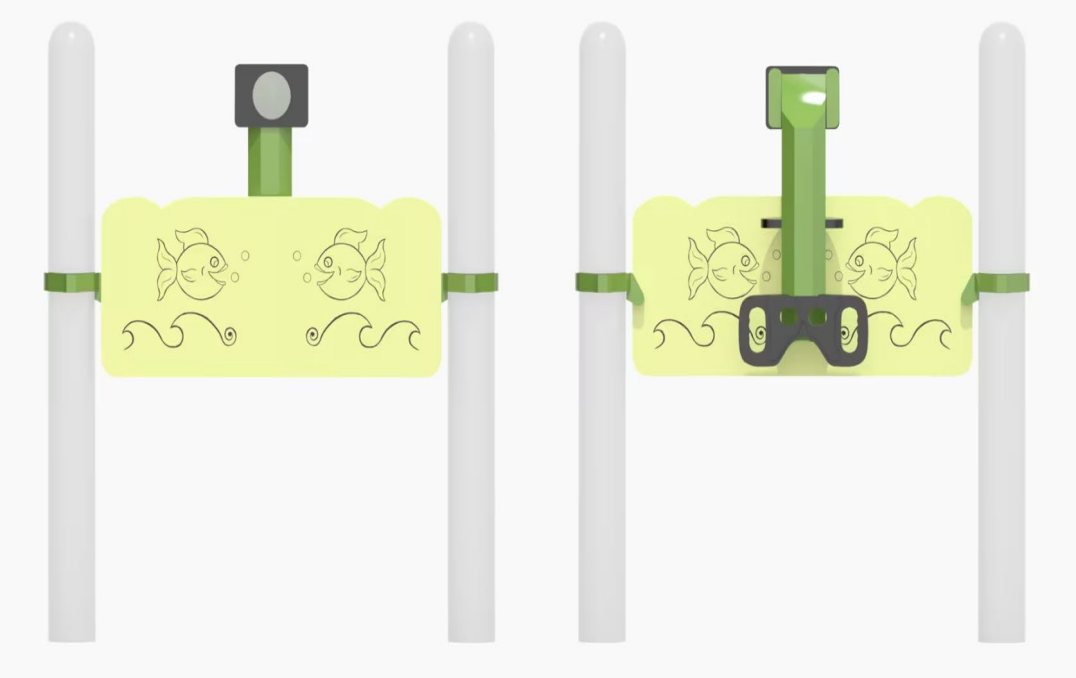
24. Marble Panel Above Deck
    a. Marble Panel Assy.: (Panels) Two color Permalene (or equal), color specified. (Poly Panel) Fabricated from .236" thick clear polycarbonate. (Marbles) 2" Diameter glass.
    b. Offset Hanger Clamp Assembly: Cast aluminum. Finish: ProShield, color specified.
    c. Angled Panel Bracket: Weldment comprised of .190" hick 5052 aluminum formed angle with (2) 6005-T5 aluminum threaded tubes 1 1/8" O.D. x 1 1/2". Finish: ProShield (or equal, color specified.

ADDENDUM #1 REVISED SPECIFICATIONS

25. Color Splash Panel Above Deck
    a. Color Splash Panel Assembly is comprised of Permalene Panels (or equal), color specified. (Lexan Panel) 1/4” thick x 26 3/4" diameter. (Acrylic Panel) 1/8” thick x 26 3/4" diameter clear. (Color Wheel) .1875" thick x 23 7/16” diameter aluminum sheet. Finish: ProShield (or equal), image is transferred into paint by the process of infusion. (Shaft) 300 Series stainless steel. (Thrust Oilite Bearing) .125” thick x 2.875" diameter. (Sleeve Oilite Bearing) 1.25” diameter x .750" long.
    b. Angled Panel Bracket: Weldment comprised of .190" thick 5052 aluminum formed angle with (2) 6005-T5 aluminum threaded tubes 1 1/8" O.D. x 1 1/2" long. Finish: ProShield (or equal), color specified.
    c. color specified.
    d. Permalene (or equal) Panels: Recycled Permalene, color specified.
    Spacer Tube: Made from 6061-T6 aluminum 7/8” O.D. x 1 11/16”
    Finish: ProShield (or equal) color specified.

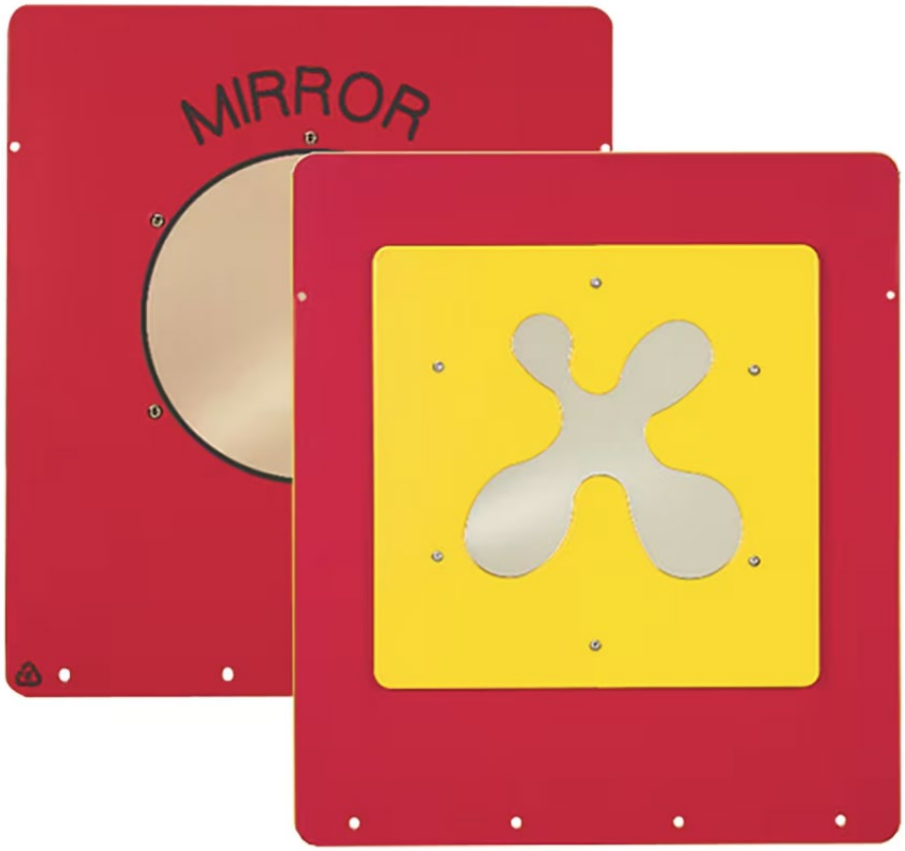
ADDENDUM #1 REVISED SPECIFICATIONS

26. Periscope Reach Panel Above Deck
    a. Access Clamp: Weldment comprised of 3/8" HRPO steel plate and 1/4" x 1 3/4" wide steel clamp. Finish: ProShield (or equal), color specified.
    b. Angle: Fabricated from formed 11 GA (.120") HRPO sheet steel. Finish: ProShield (or equal), color specified.
    c. Clamp: Cast aluminum. Finish: ProShield (or equal), color specified.
    d. Mounting Plate: Fabricated from formed 11 GA (.120") RS. Finish: ProShield (or equal), specify color
    e. Permalene (or equal) Panels: Recycled Permalene, color specified.
    f. Periscope Assembly: Fabricated from an octagon 14 Ga (.075") steel tube ProShield specify color with (2) 18 GA. (.048") 304 stainless steel bright annealed (reflective finishes). Periscope rotates vertically and horizontally. Permalene, black in color.



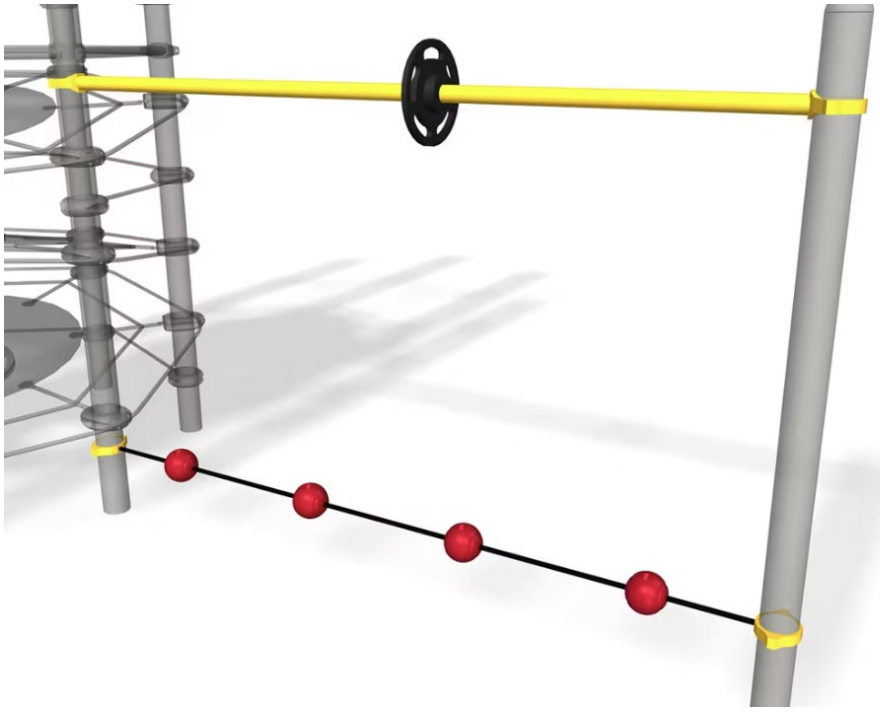
ADDENDUM #1 REVISED SPECIFICATIONS

27. Mirror Panel Above Deck
    a. Offset Hanger Clamp Assembly: Cast aluminum. Finish: ProShield (or equal), color specified.
    b. Permalene (or equal) Panel: Two color panel measures 35 5/8" wide x 41” high, color specified.
    c. Spacer Tube: Made from 6061-T6 aluminum 7/8" O.D. x 1 11/16" Finish: ProShield (or equal), color specified.
    d. Mirror: Grade 304 22 GA (.030") stainless steel #8 finish both sides.
    e. Angled Panel Brkt: Weldment comprised of .190" thick 5052 aluminum formed angle with (2) 6061-T6 aluminum threaded tubes 1 1/8" O.D. x 1 1/2" long. Finish: ProShield (or equal), color specified



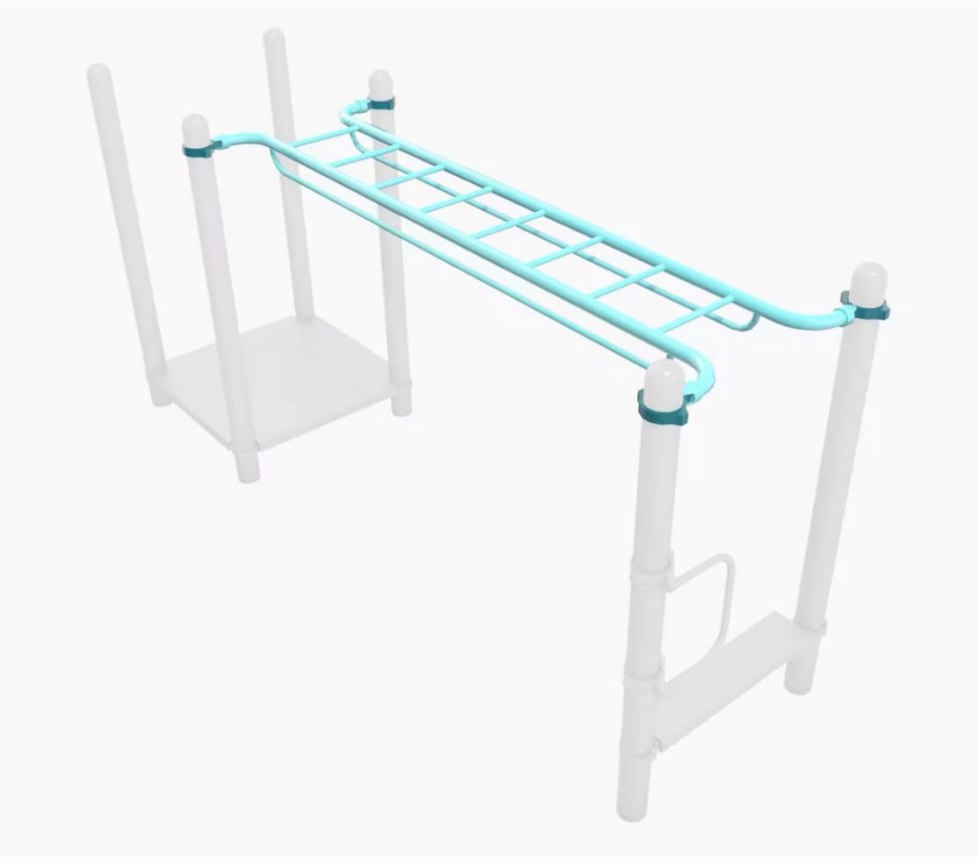
ADDENDUM #1 REVISED SPECIFICATIONS

28. Tightrope Bridge w/2 Grab Bars Connected Between Deck
    a. Cable Assy.: (Cable) Made of tightly woven polyester-wrapped, six-stranded galvanized-steel cable with a polypropylene core. (Cable Connectors) 6063-T6 aluminum.
    b. Clamps: Cast aluminum. Finish: ProShield (or equal), color specified.
    c. Net Clamp: Weldment comprised of 1/4" x 1 3/4" HRPO flat steel and .375” stainless steel sheet. Finish: ProShield (or equal) color specified.
    d. Grab Bar: Weldment comprised of formed 7/8" O.D. x 11 GA (.120") and 1/4" x 1 3/4" stainless steel half clamps. Finish: TenderTuff (or equal), color specified.
    e. Beam: Fabricated from 2.375" O.D. RS40 (.130"-.140") all galvanized steel tubing. Finish: color specified.
    f. Cable Ball Knot: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified.
    g. Tightrope Clamp: Weldment comprised of 2" O.D. 11 GA. (.120") wall HRPO galvanized steel tube and 1/4" HRPO flat steel. Finish: color specified.
    h. Handle: Solid color Permalene (or equal), black in color.
    i. Spacers: Solid color Permalene (or equal), black in color.



ADDENDUM #1 REVISED SPECIFICATIONS

29. Overhead Parallel Overhead Parallel Bars/Horizontal Ladder
    a. Bars: Weldment comprised of 2.375" O.D. RS-40 (.130" - .140”) galvanized steel tubing, 1.125” O.D. x 11 GA (.120") plated steel and 1/4" HRPO flat steel. Finish: ProShield (or equal), color specified.

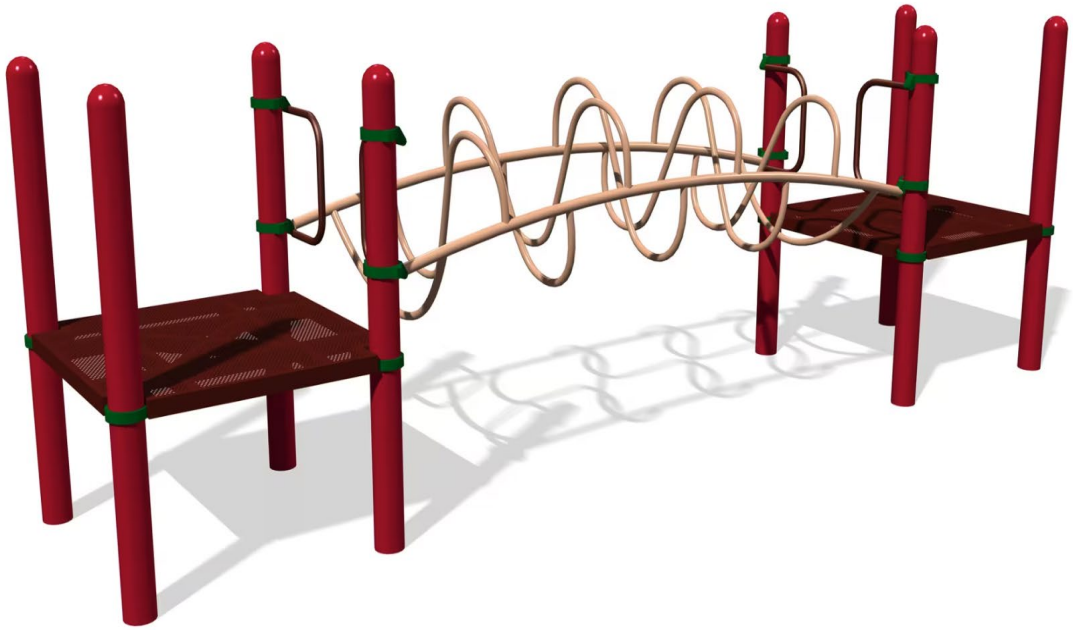


ADDENDUM #1 REVISED SPECIFICATIONS

30. Ring Pull
    a. Chain Assembly: 5/16” Low carbon steel straight link galvanized chain, with bolt link made from grade 316 stainless steel. Finish: TenderTuff-coated (or equal) brown in color.
    b. Double Clevis: Stainless Steel Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications).
    c. D Ring: Cast from A356 aluminum alloy with a cast in place 841 bronze alloy bushing. Finish: TenderTuff (or equal), Specify color.
    d. Half Clamp: Cast aluminum. Finish: color specified.
    e. Ring Pull Beam: Weldment comprised of 1.660" O.D. RS-20 (.085" - .095”) galvanized steel tubing and 1/4" x 1 3/4". Housing for double clevis are 1 1/4" O.D. x .312" wall steel tubing. SAE 841 dry bronze bushings are pressed into housing at factory. This is an ADA overhead event.

ADDENDUM #1 REVISED SPECIFICATIONS

31. Ring Tangle w/Handloop Equal Decks
    a. Clamps: Cast aluminum. color specified.
    b. Handloop: Weldment comprised of 1.125" O.D. x 11 GA (.120") steel tubing with 203 or 303 stainless steel inserts, with 5/8" internal thread. Finish: TenderTuff (or equal), color specified.
    c. RingTangle Climber: Weldment comprised of 1.900" O.D. RS40 (.120"-.130") wall galvanized steel tubing, 1.315" O.D. RS20 (.080"-.090”) wall galvanized steel tubing and 3/16” HRPO flat steel. Finish: ProShield (or equal) Color as specified.



ADDENDUM #1 REVISED SPECIFICATIONS

32. Deck Link w/Barriers Steel end panels 4 Steps (ADA Steps to higher deck)
    a. Clamps: Cast aluminum. Finish: ProShield (or equal) color specified.
    b. Section: Formed from 12 GA (.105") sheet steel conforming to ASTM A1011. Standing surface is 24 1/4" wide x 14" deep and is perforated with 5/16” diameter holes. Finish: TenderTuff, color specified.
    c. Tube: Made from 6061-T6 aluminum 7/8" O.D. x 1 11/16” Finish: ProShield (or equal) color specified.
    d. SteelX Panels: Zinc plated 7 GA (.179") (4,55 mm) HRPO flat steel. Finish: ProShield (or equal), color specified.

ADDENDUM #1 REVISED SPECIFICATIONS

33. Corkscrew Perm Handholds 72"Dk 2"SM
    a. Corkscrew: Weldment comprised of 1.900” O.D. RS-20 (.090"-.100”) galvanized steel tubing, and 1.315" O.D. RS-20 (.080"-.090") galvanized steel tubing. Finish: color specified.
    b. Handhold Panel: Recycled Permalene (or equal), color specified.
    c. Offset Hanger Clamp Assembly: Cast aluminum. Finish ProShield (or equal), color specified.
    d. Spacer Tube: Made from 6061-T6 aluminum 7/8" O.D. x 1 11/16” Finish: ProShield (or equal), color specified.

ADDENDUM #1 REVISED SPECIFICATIONS

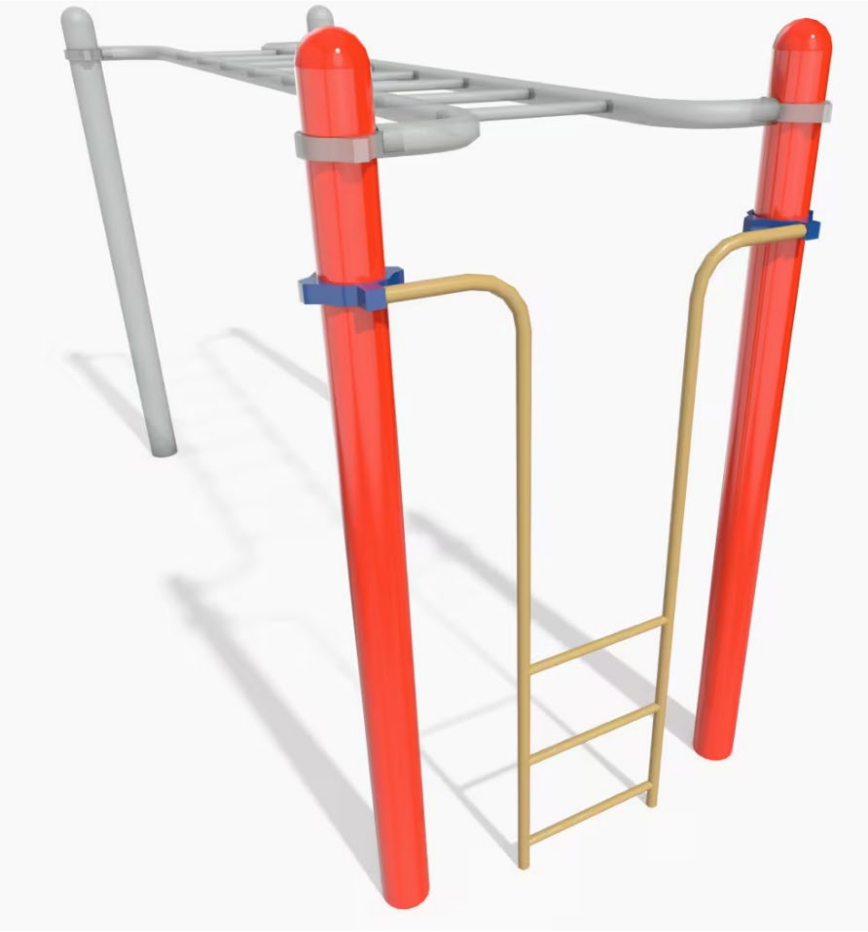
34. Vertical Ascent 56"Dk
    a. Hand Grip: Made from Polyester Resin. Hand Grips measure 5 3/4" long x 2 ",5 wide x 1 3/4" high.
    b. Clamps: Cast aluminum. Finish: ProShield (or equal), color specified.
    c. Panels: Permalene (or equal), color specified.
    d. Spacer Tube: Made from 6061-T6 aluminum 7/8" O.D. Finish: ProShield (or equal), color specified.
    e. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications)

ADDENDUM #1 REVISED SPECIFICATIONS

35. Star Seeker DB Only Attached to Square Deck
    a. Anchor Bar: Weldment comprised of 1/2" x 3" flat steel and 1/4" x 8" square plate. Finish: Galvanized.
    b. Net: Made of tightly woven polyester-wrapped, six-stranded galvanized-steel cable with a polypropylene core, color specified. Connector fabricated from 1.250" O.D. 6063-T6 aluminum.
    c. Net Clamp: Weldment comprised of 1 /4" x 1 3 /4" HRPO flat steel and .375" stainless steel sheet. Finish: ProShield (or equal), color specified.
    d. Clamps: Cast aluminum. Finish: ProShield (or equal) color specified.
    e. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).
    f. Infill Panel: Recycled Permalene (or equal), color specified.
    g. Barrier: Weldment comprised of 1.125" O.D. x 11 GA (.120") steel tube per ASTM A513 with 203 or 303 stainless steel welded inserts with 5/8") internal threads and 1/4" tabs. Finish: TenderTuff (or equal), color specified.

ADDENDUM #1 REVISED SPECIFICATIONS

36. Vertical Ladder 32"Dk 2"SM
    a. Vertical Ladder: Weldment comprised of 1.125" O.D. x 11 GA (.120”) steel tubing, 1.029" O.D. RS-20 (.070" - .080") and 3/16" x 2" wide steel flat plates. Finish: TenderTuff (or equal), color specified.
    b. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).
    c. Offset Hanger Clamp Assembly: Cast aluminum. Finish: color specified.
    d. Permalene (or equal) Panels: Recycled Permalene, color specified.
    e. Spacer Tube: Made from 6061-T6 aluminum 7/8" O.D. x 1 11/16" Finish: ProShield (or equal), color specified.



ADDENDUM #1 REVISED SPECIFICATIONS

37. Gyro Twister 2"SM
    a. Gyro Twister Spinner Assy: Weldment comprised of 1.900" O.D. RS40 (.130"-.140”) wall galvanized steel tube, 1.660" O.D. RS40 (.111"-.121") wall galvanized steel tube, 3/16" HRPO steel plate, and 1 7/8" steel ball. Finish: ProShield (or equal), color specified.

38. Handloop Assembly
    a. Handloop: Weldment comprised of 1.125" O.D. x 11 GA (.120") steel tubing with 203 or 303 stainless steel inserts, with 5/8" internal thread. Finish: TenderTuff (or equal), color specified. Offset Hanger Clamp Assembly: Cast aluminum. Finish: color specified.
39. Grab Bar
    a. Grab Bar: Weldment comprised of formed 7/8" O.D. x 11 GA (.120") and 1/4" x 1 3/4" stainless steel half clamps. Finish: TenderTuff (or equal), color specified.

ADDENDUM #1 REVISED SPECIFICATIONS

40. Stationary Cycler Accessible
    a. Clamps: Cast aluminum. Finish: ProShield (or equal), color specified.
    b. Handhold: Handhold fabricated from high density polyethylene, black in color.
    c. Shaft: .625" O.D. stainless steel.
    d. Stub: Weldment comprised of 5.000" O.D. x 11 Ga. (.120") all steel tube, 1/4" x 6" HRPO flat steel and 1,063 (27 mm) O.D. 1018 steel shaft housing. Finish: ProShield (or equal), color specified.
    e. Crank: Weldment comprised of 3/4" O.D. stainless steel shaft and forged carbon steel.

41. Accessible Panel Curb: Permalene (or equal), color specified.

ADDENDUM #1 REVISED SPECIFICATIONS

42. Gemini SlideWinder2 72"Dk 2"SM 2 Straight 2 Right 2 Left
    a. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).
    b. Offset Hanger Clamp Assembly: Cast aluminum. Finish: ProShield, color specified.
    c. Rail Spacer: Fabricated from 1.312" O.D. x 16 Ga. steel tubing. Finish: ProShield, color specified.
    d. Rail: 1 1/8" O.D. 6061-T6 aluminum extrusion with 5/16" walls. Finish: ProShield (or equal), color specified.
    e. Slide Sections: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified.
    f. Exit Footer: Weldment comprised of 2.375" RS-20 (.095" - .105") galvanized steel tubing and 1/4" x 4" x 11 3/4" Finish: color specified.
    g. Mid-Support: Weldment comprised of 1.900" O.D. RS20 (.090" - .100") galvanized steel tubing and 7 GA. (.179") HRPO steel strap. Finish: color specified.
    h. Support Base (SM): Weldment comprised of 1.660" O.D. RS-20 (.085" - .095") galvanized steel tubing and 1/4" x 3" x 8" Finish: ProShield (or equal), color specified.

ADDENDUM #1 REVISED SPECIFICATIONS

43. Roller slide 40"Dk 2"SM- CUSTOM WITH TRANSER BENCH
    a. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).
    b. Offset Hanger Clamp Assembly: Cast aluminum. Finish: ProShield (or equal), color specified.
    c. Rail Spacer: Fabricated from 1.312” O.D. x 16 GA (.065") steel tubing. Finish: ProShield (or equal), color specified.
    d. Tube: 1 1/8" O.D. x 1 5/8" long aluminum tube. Finish: ProShield (or equal), color specified.
    e. Rail: 1 1/8" O.D. 6061-T6 aluminum extrusion with 5/16" walls. Finish: ProShield (or equal), color specified.
    f. Rollers: Fabricated from 1.900" O.D. x 16 GA (.060") galvanized steel tubing. With a TenderTuff (or equal) Finish. Note: bare or painted metal rollers are not acceptable as they do not provide the same sensory activities as well as cushioning the child as the slide down. TenderTuff (or equal), color specified.
    g. Rails: Extruded from 6005-T1 aluminum. Finish: ProShield (or equal), color specified.
    h. Roller Shafts: Fabricated from 1/2" (305 mm) diameter CRS zinc-plated with yellow chromate finish.
    i. Support Leg: Fabricated from 1.900" O.D. RS-20 (.090" - .100") galvanized steel tubing. Finish: ProShield (or equal), color specified.
    j. Top Plate: Formed from 10 GA (.135") 304-2B SST. Finish: TenderTuff (or equal) color specified.
    k. Hood: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified.
    l. CUSTOM CP022466A PB right hand transition bench for Roller slide exit. See spec for decks. This is a Custom and required piece on the traditional Roller Slide as it allows a child who has transferred and used the slide, to scoot to the side and wait for their device, while safely staying out of the way of others using the slide Gemini SlideWinder2 56"Dk 2"SM 3 Right 1 Left
    m. Slide Sections: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified.
    n. Mid-Support: Weldment comprised of 1.900" (48,26 mm) O.D. RS20 (.090" - .100") (2,28 mm-2,54 mm) galvanized steel tubing and 7 GA. (.179") (4,54 mm) HRPO steel strap. Finish: ProShield (or equal), color specified.
    o. Exit Footer: Weldment comprised of 2.375" (60,32 mm) RS-20 (.095" - .105") (2,41 mm-2,66 mm) galvanized steel tubing and 1/4" x 4" x 11 3/4" (6,35 mm x 102 mm x 298,45 mm) mounting plate. Finish: ProShield (or equal), color specified.
    p. Rail: 1 1/8" (28,58 mm) O.D. 6061-T6 aluminum extrusion with 5/16" (7,92 mm) walls. Finish: ProShield (or equal), color specified.
    q. Offset Hanger Clamp Assembly: Cast aluminum. Finish: ProShield (or equal), color specified.

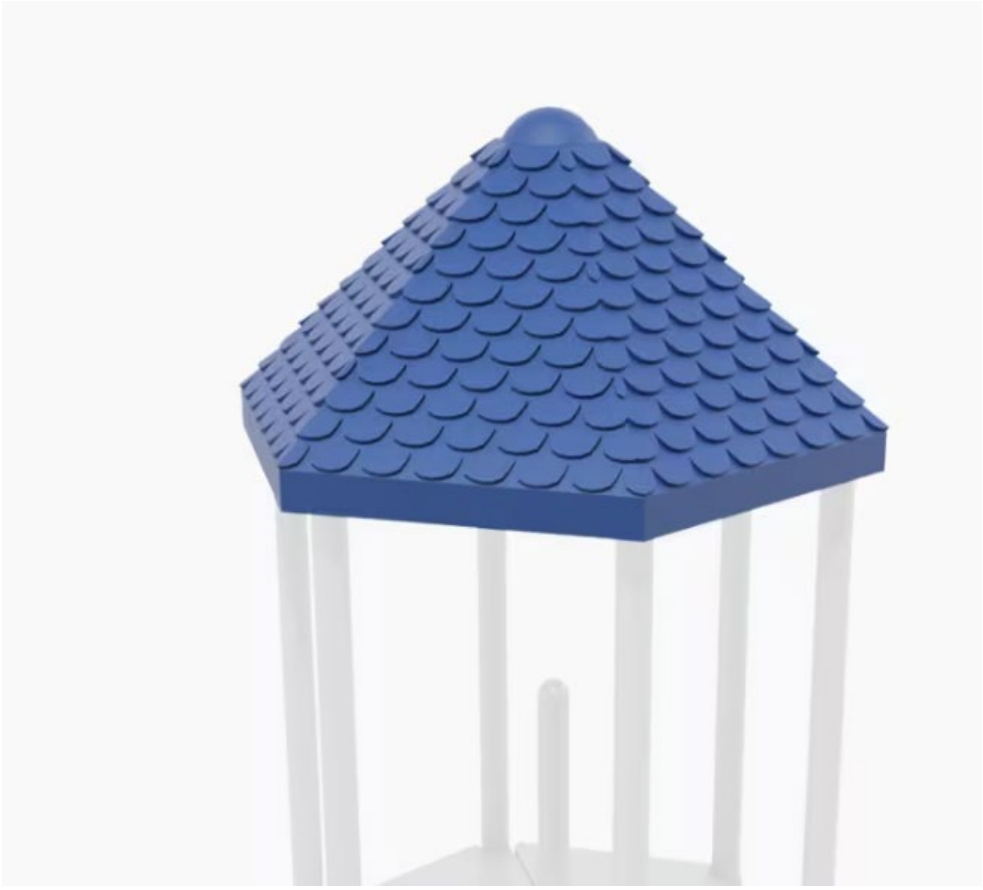
r. Support Base (SM): Weldment comprised of 1.660" (42,16 mm) O.D. RS-20 (.085" - .095") (2,16 mm-2,41 mm) galvanized steel tubing and 1/4" x 3" x 8" (6,35 mm x 76 mm x 203 mm) mounting plate. Finish: ProShield (or equal), color specified.

s. Rail Spacer: Fabricated from 1.312" (33,32 mm) O.D. x 16 Ga. (.065") (1,65 mm) steel tubing. Finish: ProShield (or equal), color specified.

t. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications).

ADDENDUM #1 REVISED SPECIFICATIONS

44. Hex Shingle Roof
    a. Hex Shingle Roof
    b. Hex Shingle Roof Section: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified.
    c. Roof Sleeve: Cast from A356 aluminum alloy.
    d. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).



ADDENDUM #1 REVISED SPECIFICATIONS

45. CoolToppers Full Sail for Hex Deck **CUSTOM**

a. Weldment comprised of 5" O.D. x 11 GA (.120") galvanized steel tubing and 4.690" O.D. sleeve. Finish: ProShield (or equal), color specified.

b. Post Cap: Cast from 369.1 aluminum alloy. Finish: ProShield (or equal), color specified.

c. Center Tube: Weldment comprised of 5" O.D. x 11 GA (.120”) galvanized steel tubing and 1/4" hanger brackets. Finish: color specified.

d. Half Bracket: Cast from 535 almag. Finish: ProShield (or equal), color specified.

e. Large/Small Sail: Heavy duty, 62.9 mils (1.6 mm) thick professional grade shade fabric for tensioned structures and other shade applications. Made from UV stabilized HDPE monofilament and tape yarns. Specialized lock stitch knit for more air movement and better channeling of cooling breezeways. Constructed to block up to 97.7% of harmful UV sun rays. Fade and tear resistant, will not crack, rot or fray. Tensile strength warp 142.75 lbs. weft 560.67 lbs. Tear strength warp 42.03 lb. and weft 80.70 lbs. Burst pressure 507.63 PSI. Live loads 5 psf. Remove fabric when wind speed is expected to exceed 90 mph and snow load is expected to exceed 5 psf.

f. Clamps: Cast aluminum. Finish: ProShield (or equal) color specified.

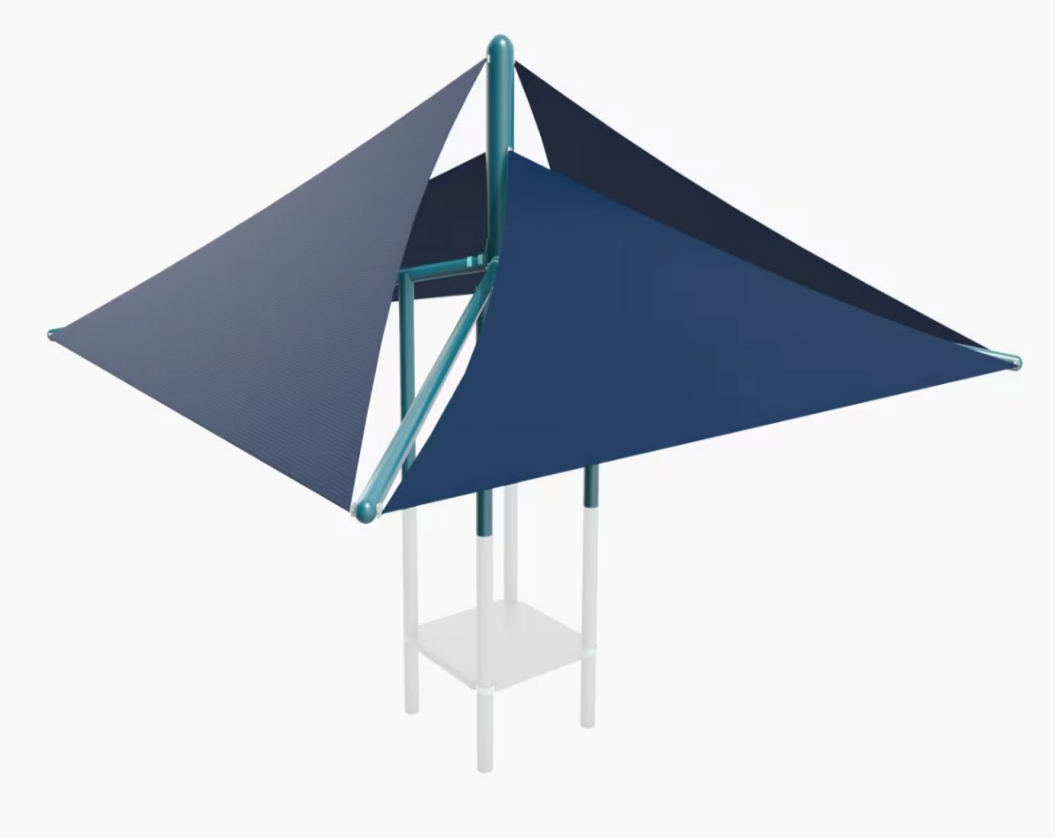
g. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).

ADDENDUM #1 REVISED SPECIFICATIONS

46. CoolToppers Single Post Pyramid Roof DB Only (Standard)
    a. Clamp: Weldment comprised of 1/4" x 3" HRPO flat steel and 1/4" HRPO steel plate. Finish: ProShield (or equal), color specified.
    b. Extension Arms: Weldment comprised of 2.375" O.D. RS-20 (.095"-.105") galvanized steel tubing, 1/4" steel plate and 1/4" diameter carbon steel J-hooks. Finish: ProShield (or equal) color specified.
    c. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).
    d. CoolTopper Shade Top: Heavy duty, 62.9 mils thick professional grade shade fabric for tensioned structures and other shade applications. Made from UV stabilized HDPE monofilament and tape yarns. Specialized lock stitch knit for more air movement and better channeling of cooling breezeways. Constructed to block up to 97.7% of harmful UV sun rays. Fade and tear resistant, will not crack, rot or fray. Tensile strength warp 142.75 lbs. weft 560.67 lbs. Tear strength warp 42.03 lb. and weft 80.70 lbs. Burst pressure 507.63 PSI. Remove fabric when wind speed is expected to exceed 90 mph and snow load is expected to exceed 5 psf, per International Building Code (IBC) 2009.

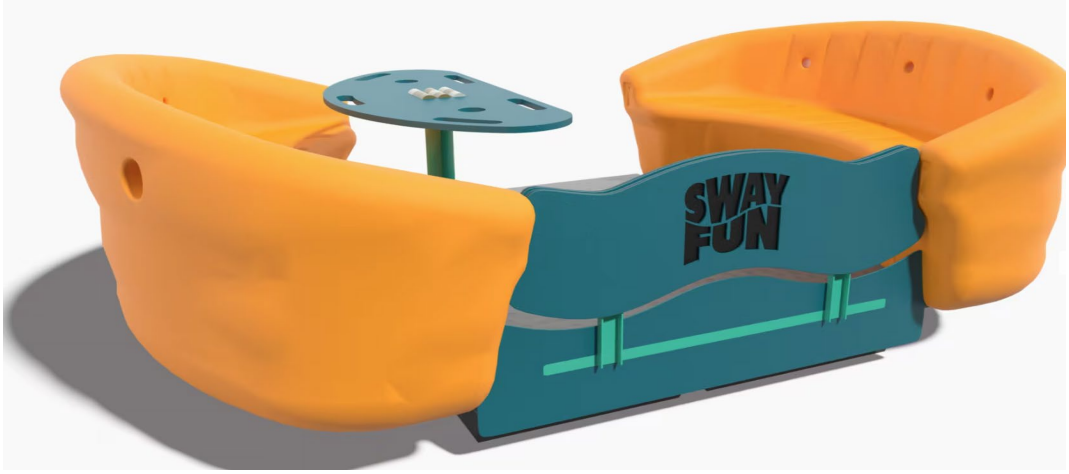
ADDENDUM #1 REVISED SPECIFICATIONS

47. CoolToppers Full Sail DB Only (Standard)
    a. Clamps: Cast aluminum. Finish: ProShield (or equal), color specified.
    b. Arm: Weldment comprised of 5" O.D. x 11 GA (.120") galvanized steel tubing and 4.690" O.D. sleeve. Finish: ProShield (or equal) color specified.
    c. Center Tube: Weldment comprised of 5" O.D. x 11 GA (.120”) galvanized steel tubing and 1/4" hanger brackets. Finish: ProShield (or equal) color specified.
    d. Half Bracket: Cast from 535 almag. Finish: ProShield (or equal) color specified
    e. For tensioned structures and other shade applications. Made from UV stabilized HDPE monofilament and tape yarns. Specialized lock stitch knit for more air movement and better channeling of cooling breezeways. Constructed to block up to 97.7% of harmful UV sun rays. Fade and tear resistant, will not crack, rot or fray. Tensile strength warp 142.75 lbs. weft 560.67 lbs. Tear strength warp 42.03 lb. and weft 80.70 lbs. Burst pressure 507.63 PSI. Live loads 5 psf. Remove fabric when wind speed is expected to exceed 90 mph and snow load is expected to exceed 5 psf.
    f. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).



ADDENDUM #1 REVISED SPECIFICATIONS

48. Sway Fun Wheelchair Glider 16"Height – CUSTOM
    a. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).
    b. Pipebolt: Fabricated from 1.125" O.D. 6061-T6 aluminum tube, with 3/8” internal threads. Axle: Weldment comprised of 304 stainless steels. Arm Assembly: Machined from 6061-T6 aluminum. Bench: Rotationally molded from U.V. stabilized linear low-density polyethylene, color as specified.
    c. Base Frame: Weldment comprised of 3" x 5” structural steel C channel, 1/4" HRS flat steel, 1/2" HRS flat steel and 1/2” HRPO flat steel. Finish: Hot dip galvanized per ASTM A123 category 100.Deck: Flange formed from 11 GA (.120") sheet steel conforming to ASTM A1011. Standing surface is perforated with 5/16" diameter holes. Finish: TenderTuff (or equal), color specified.
    d. Deck Extension: Flanged formed from 11 GA (.120") (3,04 mm) sheet steel conforming to ASTM A1011. Finish: TenderTuff (or equal), color specified.
    e. CUSTOM Deck Extension Support: Formed from 11 GA (.120") (3,04 mm) sheet steel conforming to ASTM A1011. Finish: ProShield (or equal), color specified.
    f. Deck Mount Frame: Weldment comprised of 11 GA (.120") sheet steel, 7 GA. (.180”) HRPO flat steel and 1/4" (.250") HRPO flat steel. Finish: Hot dip galvanized per ASTM A123 category 100.Lower Side Panel:
    g. One-color Permalene (or equal), color specified. Panel Guard: Permalene (or equal), color specified.
    h. Side Panel Frame: Weldment comprised of 11 GA (.120") sheet steel conforming to ASTM A1011. Finish: specify color.
    i. Table Panel: Permalene table measures 50 3/8” wide x 22 15/16” deep, color specified. Table Post: Weldment comprised of 3.500" O.D. RS-20 (.125") galvanized steel tubing, 11 GA (.120”) HRPO ASTM A1011 sheet steel and 1/4" HRS flat steel. Finish: Permalene (or equal) color specified.
    j. Shock Mount Bracket: Weldment comprised of 7 GA (.180") sheet steel conforming to ASTM A1011. Finish: Hot dip galvanized per ASTM A123 category 100. Upper Side Panels: Permalene (or equal), color specified. Spacer: One-color Permalene (or equal), black in color.



ADDENDUM #1 REVISED SPECIFICATIONS

1.13 SWINGS

A. Group Swing:

1. Product: Oodle Swing.
2. Comfortably seats four to six children at once.
3. Includes swing frame, swing cables, swing seat and fasteners.
4. Rope connections use universal joints to prevent cables from twisting or tangling.
5. Swing seat contains two rubber-encapsulated bumpers.
6. Transfer point from wheelchair or walker
7. Direct bury only
8. Swing Seat: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified.
9. Swing Seat Bracket: Weldment comprised of 1.66 inches (42,16 mm) O.D. RS20 (.085 inch to .095 inch) wall galvanized steel tube, 1.000-inch O.D. x .750-inch I.D. 1018 steel tube and 7GA (.179 inch) HRPO steel sheet. Finish: ProShield9 (or equal) color specified.
10. Rope Tab Swivel: Made from 6061-T6 aluminum.
11. Cable: Made of tightly woven polyester-wrapped, six-stranded galvanized-steel cable with a polypropylene core. (Cable Connectors) 6061-T6 aluminum.
12. Bumper: Molded from U.V. stabilized black EPDM rubber encapsulating 11 GA (.120 inch) HRPO steel sheet.
13. Swing Arch: Weldment comprised of 3.500 inches O.D. RS20 (.080 inch to .090-inch wall) galvanized steel tube and 1/2-inch-thick stainless-steel tabs. Finish: ProShield (or equal) color specified.
14. Swing Leg: 3.500 inches O.D. RS20 (.080 inch to .090-inch wall) galvanized steel tube. Finish: ProShield (or equal), color specified.
15. Swing Hanger Assembly: Assembly comprised of 300 series stainless steel knuckle and yoke, stainless steel swing pin, stainless steel spring pin and oilite bushings.

ADDENDUM #1 REVISED SPECIFICATIONS

1.14 Single Post Swing Frame With 2nd Bay

A. Post: See PlayBooster (PB) General Specifications. Swing Beam: Weldment comprised of tee clamps and 5 inches O.D. extruded 6005-T5 aluminum alloy tube with a .125-inch wall. Finish: ProShield (or equal), color specified. Clamp: Cast aluminum. Finish: ProShield, color specified. Fasteners: Primary fasteners shall be socketed and pinned tamper (roof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/ specifications).

B. Belt Seats: Molded from U.V. stabilized black EPDM rubber encapsulating a weldment comprised of a 22 GA (.029 inch) spring stainless steel sheet, and (4) .105-inch-thick stainless-steel washers. The seat belt elliptical shape measures 7inches wide x 26 inches long x .700 inch thick. Bolt Link: Stainless Steel. (2 belt seats required.)

C. Molded Bucket Seat: Seat with Harness and Chains. Includes swing chains, swing seat with harness and fasteners. (1 for ages 5-12 years & 1 for ages 2-5 years) Chain/ProGuard (or equal): Steel 3/16 inch (4.8 mm) straight link chain, 800 lb. working load limit. Front impact bumper molded from U.V. stabilized black EPDM rubber encapsulating 11 GA (.120 inch) (3 mm) HRPO steel sheet. Bucket Seat Assy.: (Bucket Seat & Yoke) Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified. (Pipebolt) Made from 1.125inch (29 mm) O.D. 6005-T5 threaded anodized aluminum tube. (Bearings) UHMW PE lubricated. (Brackets) Made from 356-T6 aluminum.

Swing and harness molded from durable, colorfast polyethylene. Harness securely locks in place. High back and deep seat

ADDENDUM #1 REVISED SPECIFICATIONS

1.15 MULTIPLE USERS MOTION EVENT

A. We- We-Go-Round w/Nature DigiFuse Panels 2 Seats DB Only

1. Description: Bringing kids of all abilities together, the We-Go-Round is fully wheelchair accessible and promotes fun interaction by having all users face each other. It can be turned from the inside or outside, allowing everyone to participate in the fun.
   a. Base is flush with surrounding surfacing for easy wheelchair roll-on
   b. All users face the center for better interaction and inclusion
   c. Handhold on center post allows users to participate in the movement
   d. Integrated speed control for fun, yet safe, rotation
   e. All working mechanisms above grade for easy maintenance
   f. Roof provides shade while playing, and is made from durable, UV-stable rotomolded polyethylene in your choice of color
   g. Direct bury only, requiring a footing 42" deep and 48" square
   h. Brake Cover: Recycled Permalene, black in color.
   i. Bottom Mount: weldment is comprised of 7.000” OD x 188” wall Stainless Stee; tube and ¼” thick HRPO steel plate. Finish – ProShield (or equal) black in color.
   j. Base Bushing – Oil Fillef UHMW PE.
   k. Center Post: 6,000” O.D; wall HR Black D.O.M steel tube, color as specified.
   l. Shock: 70 Series.
   m. Rib: Weldment comprised of 1.5" x 3.0x .180wall HRPO steel tube, 3/8) thick stainless-steel tab, 3/8" O.D. stainless steel pin, 3/8" thick HRPO steel plate and 1/4" thick HRPO steel plate. Finish: ProShield (or equal), color specified.
   n. GripX Tread: 3/4" Thick Permalene, black in color.
   o. Bottom Rib: 7GA. (.179") thick HRPO steel sheet. Finish: ProShield (or equal), Black in color.
   p. DigiFuse Side Panels - CUSTOM: Made from .120" thick aluminum sheet. Dye sublimation printed digital artwork is fused onto the powder coated substrate. These themed panels fully enclose 3 sides of the spinner. Nature theme is shown but customer has (9) themes to choose from. *ACCESSIBLE MERRY GO ROUNDS, MUST FIT MORE THAN ONE WHEELCHAIR, MUST PROVIDE SENSORY DIGIFUSE PANELS ON SIDE AND MUST PROVIDE A CLOSED IN ROOF FOR SHADE – Drawing & Capability of a substitute manufacturer must be included.
   q. Drainpipe: Comprised of 4" x 25' polypropylene perforated pipe.
   r. Middle & Bottom Pipe: Weldment comprised of 2.375"O.D. RS20 (.095" - .105") wall galvanized steel tubing, 1/4" thick HRPO steel plate and 3/8" stainless steel tab. Finish: ProShield (or equal), color specified.
   s. Mounting Hub Assembly: Comprised of 1/2” thick stainless-steel plate, 11 GA (.120") stainless steel sheet, steel bearing shaft.
   t. Seat Frame: Comprised of 7GA (.179") thick HRPO steel plate. Finish: ProShield (or equal), specify color
   u. Seat Permalene Panel: 3/4" thick Recycled Permalene, color specified.
   v. Spinner Top: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified.

w. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).

ADDENDUM #1 REVISED SPECIFICATIONS

1.16 SENSORY EQUIPMENT

A. Rhapsody Kettle Drum SM. Trim: Permalene (or equal), color specified.
Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific installation/specifications).
Kettle Drum Assy.: Weldment comprised of 3.500" O.D. RS20 (.125") wall galvanized steel tubing and 11 GA. (.120") flat steel. Finish: ProShield (or equal) color specified. Drum Head: Translucent, UV stabilized polycarbonate with a matte textured surface on one side.
Drum Leg: Made from 3.500" O.D. RS20 (.125") wall galvanized steel tubing. Finish: ProShield (or equal), color specified.

ADDENDUM #1 REVISED SPECIFICATIONS

B. Rhapsody Casta Bells SM. Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated. Frame: Weldment comprised of 3.500" O.D. RS20 (.125") wall galvanized steel tubing, 1/4" stainless steel sheet and 3/8" thick HRPO
steel sheet. Finish: ProShield (or equal), color specified. Mallet: Comprised of 2" diameter light gray urethane, 1/2" diameter aluminum handle and 3/16" stainless steel cable with nylon coating. Footer: Weldment comprised of 2.375" O.D. RS20 (.095"-.105") wall galvanized steel tubing, and 1/4" thick HRPO steel sheet. Finish: ProShield (or equal), color specified. Cables: Comprised of 3/16" diameter stainless steel cable with nylon coating.

ADDENDUM #1 REVISED SPECIFICATIONS

C. Rhapsody Grandioso Chimes SM. Mallet: Comprised of 2” diameter grey or black polyurethane, 1/2" diameter aluminum handle and 3/16" diameter stainless steel cable with nylon coating. Cradle Top & Bottom: Permalene, (or equal) color specified. Cables: Comprised of 3/16" diameter stainless steel cable with nylon coating. Frame: Weldment comprised of 3.500" O.D. RS20 wall galvanized steel tubing, 1/4" stainless steel sheet and 1/4" thick HRPO steel sheet. Finish: ProShield (or equal), color specified. Footer: Weldment comprised of 2.375" O.D. RS20 (.095"-.105") wall galvanized steel tubing, and 1/4" thick HRPO steel sheet. Finish: ProShield (or equal), color specified

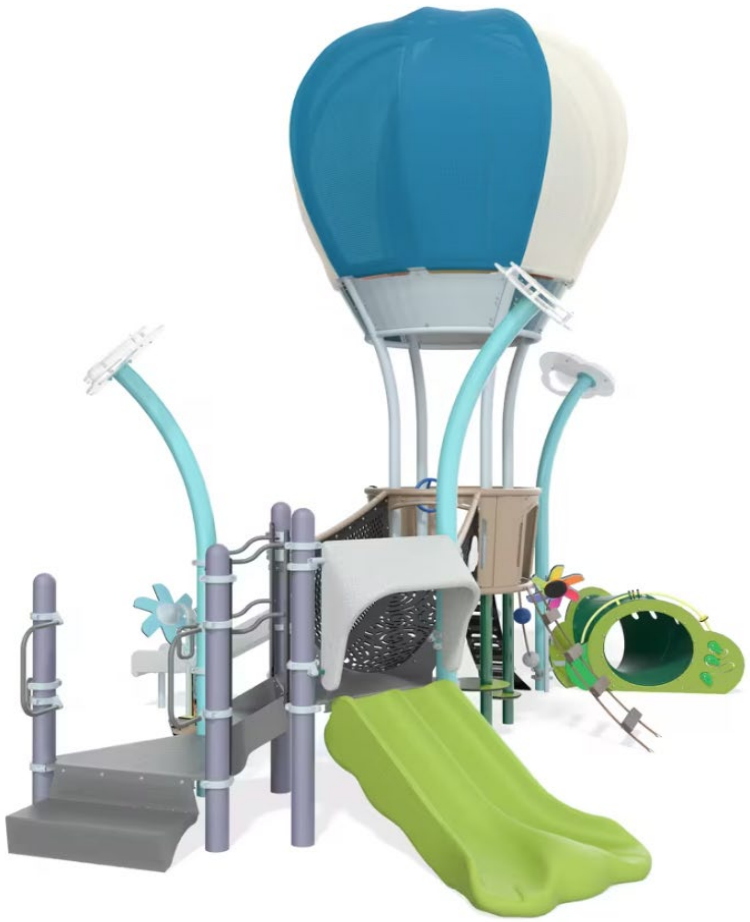
Mallet Bar: Weldment comprised of 2.375" O.D. RS40 wall galvanized steel tubing, and 1/4" thick HRPO steel sheet. Finish: ProShield (or equal), color specified. Mallet Mount: Permalene (or equal), color specified. Music Hook: Fabricated from 7 GA. (.188") stainless steel. Base/Tab Plate: Weldment comprised of 3/8" thick HRPO steel sheet, and 1/4" thick stainless-steel sheet. Finish: ProShield (or equal), color specified. Tube: Comprised of 3.000" wall aluminum tubing, and 1/2” diameter aluminum rod.

ADDENDUM #1 REVISED SPECIFICATIONS

1.17 CUSTOM BREEZE 2-5 STRUCTURE:

A. Breeze Structure

1. Description: Kids ages 2 to 5 can crawl, walk and even climb the cloud steps up to the basket, finding plenty of airy insights to explore along the way. Little ones will discover activities that invite tactile curiosity and encourage early learning. Bouncy belting featuring wind-swept cutouts provides safe passage between the basket and two slides, encouraging kids of all abilities to soar. Chat between the brightly colored pinwheel Talk Tubes, then take off in the puffy balloon topped by SkyWays shade fabric. This imaginative atmosphere combines soft tones with brightly saturated hues for one showstopper of a play structure.



2. Material:

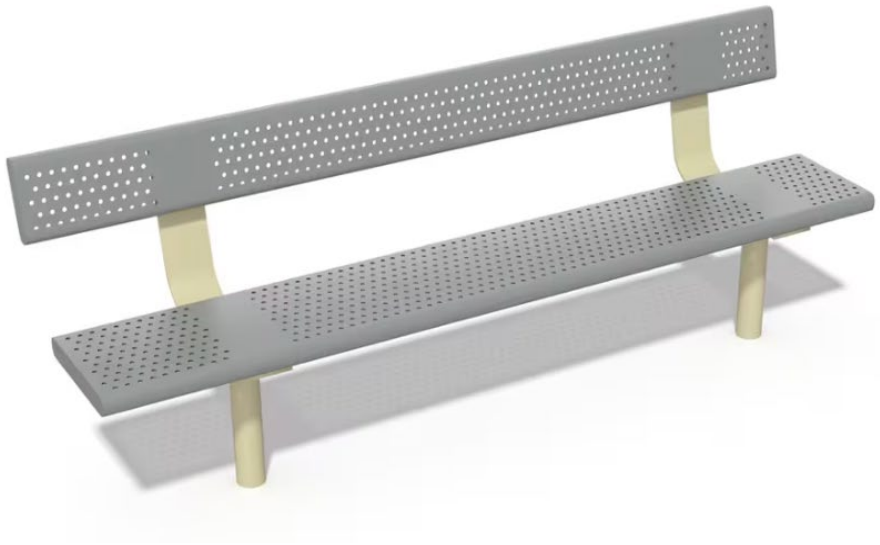
a. Ball Knot: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified. Bug Screen: Weave .011 Ga. charcoal fiberglass screen. Clamps: Cast aluminum. Finish: ProShield (or equal), color specified.

b. DigiFuse Panel: Made from 1/8" thick aluminum sheet. Dye sublimation printed digital artwork is fused onto the powder coated substrate. Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated (see specific product installation/specifications). Talk Tube: Weldment comprised of 1.600" (42,16 mm) O.D. RS20 (.085" - .095") galvanized steel tubing, 14 GA. (.079") cold rolled steel sheet zinc plate, and 3/16" HRPO steel sheet. Finish: ProShield (or equal) red in specified. Talk Tube Cover: Recycled Permalene, color specified.
c. Slide: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified. Hood: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified.
d. Lava Run: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified.
e. Net/Rope: Made of tightly woven polyester-wrapped, six-stranded galvanized-steel cable with a polypropylene core, black in color. (Connectors) 6063-T6 aluminum.
f. Belt: Made from .315" thick mini rough top 3-ply rubber belting, black in color.
g. Offset Hanger Clamp Assembly: Cast aluminum. Finish: ProShield (or equal), color specified.
h. Triangular Deck: Flange formed from 12 GA (.105") sheet steel conforming to ASTM A1011. Standing surface is perforated with 5/16" diameter holes. Deck face has (4) slotted holes for face mounting components. The finished size measures 2 5/8" x 37 3/4" Finish: TenderTuff (or equal), color specified.
i. E-Pod: Rotationally molded from U.V. stabilized linear low-density polyethylene, color specified. Lumber Climber: Recycled high-density polyethylene, cedar in color.
j. Rail Spacer: Fabricated from 1.312" O.D. x 16 Ga. (.065")steel tubing. Finish: ProShield (or equal), color specified.
k. Balloon: Weldment comprised of 2.375" O.D. RS-40 (.130"- .140") galvanized steel tubing, Weldment comprised of 2.875" O.D. RS-40 (.160"- .170") galvanized steel tubing, 2.375" O.D. RS-40(.130" - .140") galvanized steel tubing, and 1/4"thick HRPO steel sheet Finish: ProShield (or equal), red in specified. Fabric: Heavy duty, 62.9 mils (1.6 mm) thick professional grade shade fabric for tensioned structures and other shade applications. Made from UV stabilized HDPE monofilament and tape yarns. Specialized lock stitch knit for more air movement and better channeling of cooling breezeways. It is constructed to block up to 97.7% of harmful UV sun rays. Fade and tear resistant, will not crack, rot or fray. Tensile strength warp 142.75 lbs. weft 560.67 lbs. Tear strength warp 42.03lb. and weft 80.70 lbs. Burst pressure 507.63 PSI. Live loads 5 psf. Remove fabric when wind speed is expected to exceed 105 mph and snow load is expected to exceed 5 psf, per International Building Code (IBC) 2012.
l. Permalene (or equal) Handhold: Recycled Permalene, color specified.
m. Clouds: Permalene (or equal), natural color specified.
n. Wheel: 12" diameter cast A356 aluminum alloy. Finish: TenderTuff (or equal), color as specified.

o. Handloop: Weldment comprised of 1.125” O.D. 11 GA (.120”) steel tubing with 203 or 303 stainless steel inserts, with 3/8” internal thread. Finish: TenderTuff (or equal) color specified.
p. Grab Bar: Weldment comprised of formed 7/8” O.D. 11GA (.120”) and 1/4” x 1 3/4” stainless steel half clamp. Finish: TenderTuff (or equal), color specified.
q. Spacer Tube: Made from 6061-T6 aluminum 7/8” O.D. x 1 11/16”. Finish: ProShield, color specified.
r. Permalene (or equal) Table and Seat: Recycled Permalene (or equal), color specified.

1.18 SITE FURNISHINGS

A. Description:
1. 72” TenderTuff (or equal) Bench w/back



2. Hand Sanitizer Station w/Standard Sign

3. Welcome Sign Ages 2-12 Years

4. Symbol Communication Sign - Pictures and symbols are an effective way for non-verbal, speech-challenged, and early-learning individuals to communicate with friends and caregivers. Placing a Symbol Communication Sign at the entrance to a play area ensures that everyone can express themselves

B. Material:

1. Bench Seat Planks: Fabricated from formed 11 GA (.120") (3,04 mm) HRPO sheet steel perforated, planks measure 10 3/4" (273,05 mm) wide x 72" (1829 mm) long and 10 3/4" (273,05 mm) wide x 92" 2337 mm) long with 5/16" (7,92 mm) diameter holes on surface. Finish: TenderTuff (or equal), color specified.
2. Bench Back Plank: Fabricated from formed 11 GA (.120") (3,04 mm) HRPO sheet steel perforated, plank measures 6 3/4" (171,45 mm) wide x 72" (1829 mm) long and 6 3/4" (171,45 mm) wide x 92" (2337 mm) long with 5/16" (7,92 mm) diameter holes on surface. Finish: TenderTuff (or equal), color specified.
3. Bench Leg: Weldment comprised of 2.375" (60,33 mm) O.D. RS-40 (.130" - .140") (3,30 mm-3,56 mm) galvanized steel tubing and 3/8" x 4" (9,53 mm x 102 mm) HRPO steel straps. Finish: ProShield, color specified.
4. Hand Sanitizer Support Tube: Weldment comprised of 2.375” OD RS40. (.134”) steel tubing with 3/8” internal thread and 1/4” HRPO steel plate with 3/8” internal thread. Finish: ProShield, tan in color.
5. Hand Sanitizer Frame: Formed 11ga (.120”) HRPO Steel sheet. Finish: ProShield (or equal), tan in color.
6. Hand Sanitizer Catch Basin: Weldment comprised of 11ga (.120”) HRPO steel sheet, with 3/8” and ¼” Internal threads. Finish: ProShield, Specify Color
7. Hand Sanitizer Back Plate: 1/8” (.125) 5052 H32 Alum Sheet. Finish; ProShield (or equal), Specify Color

8. Hand Sanitizer Top Cap: Formed 11ga (.120”) HRPO steel sheet. Finish: ProShield (or equal), Specify Color
9. Hand Sanitizer Pivot Bracket: Formed 7ga (.179”) HRPO steel sheet.
10. Sign Panel: Panel is fabricated from 1/8" (.125") aluminum plate. Finish: ProShield (or equal), gray in color. (Sign) Digital image is transferred to a 1/8" (.125") ProShield coated aluminum plate, then infused into the ProShield.
11. Border: Permalene (or equal), black in color.
12. Post: Weldment comprised 2.375" O.D. RS20 (.095-.105) wall galvanized tube, 1/4” HRPO steel sheet and aluminum post cap. Finish: ProShield (or equal), color specified.
13. Post: Weldment comprised 2.375-inch O.D. RS20 (.095-.105) wall galvanized tube, ¼” HRPO steel sheet and aluminum post cap. Finish: ProShield (or equal) color specified. Locking Clamp: Fabricated from 7GA. (.179”) stainless steel. Finish: ProShield (or equal), color specified. Sign Panel: Panel is fabricated from 1/8inch (.125 inch) aluminum plate. Finish: ProShield (or equal), gray in color. (Sign) Digital image is transferred to the panel, then infused into the ProShield (or equal). Fasteners: Primary fasteners shall be socketed and pinned tamperproof in design, stainless steel (SST) per ASTM F 879 unless otherwise indicated.

EXECUTION

1.19 EXAMINATION

A. Do not begin installation until substrates have been properly prepared. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

1.20 PREPARATION

A. Clean surfaces thoroughly prior to installation. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

1.21 INSTALLATION

A. Install in accordance with manufacturer's instructions, approved submittals and in proper relationship with adjacent construction.

1.22 PROTECTION

A. Protect installed products until completion of project.

B. Touch-up, repair or replace damaged products before Substantial Completion.

ADDENDUM #1 REVISED SPECIFICATIONS

PART 2 – POUR-IN-PLACE SAFETY SURFACE

SECTION 1 – GENERAL

1.01 WORK INCLUDED

This work includes furnishing and installing the poured in place safety surface. The surfacing Manufacturer/installer shall be responsible for all labor, materials, tools, and equipment to perform all work and services for the installation of the surface.

1.02 DESCRIPTION OF SYSTEM & GENERAL CONDITIONS

Safety Surface shall be poured-in-place and troweled to provide for a resilient, seamless rubber surface installed over the specified rigid base and composed of premium quality SBR and EPDM (or TPV) rubber mixed with a non-flammable, non-shrinking, one-part moisture cured polyurethane adhesive as recommended by the Manufacturer and capable of bonding to concrete, asphalt or compacted stone. Safety Surface shall be stable and slip resistant to comply with, meet or exceed all requirements set forth in the Americans with Disabilities Act (ADAAG) and the American Standard Testing Methods (ASTM and Consumer Products Safety Commission (CPSC) for manufactured Safety Surfaces as detailed below.

1.03 QUALITY ASSURANCE

A. Test Results (Latest Versions)
   1. Impact Attenuation - ASTM F-1292: Surfacing within playground equipment use zones shall meet or exceed the performance requirements of CPSC, ASTM F 1292 and/or CSA Z614-98 that a surface yield both a peak deceleration of no more than 200 g's and a Head Injury Criteria (HIC) value of no more than 1,000 for a head-first fall from the highest accessible portion of play equipment being installed as shown on drawings. For surfaces that are manufactured for the purpose of a playground safety surface, the impact attenuation performance shall be documented and validated through means of a 3rd party testing facility. *3rd party testing facility must be able to provide Owner with a project specific present dated Certificate of Compliance to ASTM F-1292 for the product being submitted.
   2. Coefficient of Friction - ASTM D2047: All products must meet minimum standard on coefficient of friction of 0.7-wet, 0.9-dry.
   3. Permeability: Product shall meet or exceed a coefficient permeability of seven (7) feet per minute. NOTE: From a geotechnical standpoint, the permeability of a material is a measure of the velocity at which water will flow through the void spaces or pores under a given hydraulic gradient. The product shall handle a minimum of 8" of rainfall per hour.
   4. Flammability of Finished Floor Cover - ASTM D2859: Product shall pass flammability.
   5. Accessibility of Surface Systems – ASTM F1951: All playground surfacing products must pass testing to ensure wheelchair access under and around playground equipment as required by the American Disabilities Act.
   6. Tear Strength – ASTM D624-00e1 Standard Test Method for Tear Strength of Conventional Vulcanized Rubber and Thermoplastic: Tear Resistance must be equal to or greater than 12 pounds per inch.
   7. Tensile Strength – ASTM D412-02 Standard Test Methods for Vulcanized Rubber Elastomers and Thermoplastic Elastomers: Tensile Strength must be equal to or greater than 25 Psi.

8. IPEMA Certification: In the Interest of playground safety, the International Play Equipment Manufacturers Association (IPEMA) provides a Third-Party Certification Service whereby a designated independent laboratory, TÜV SÜD America Inc., (TÜV), validates a surfacing manufacturer's certification of conformance to ASTM F1292, Standard Specification for Impact Attenuation Under and Around Playground Equipment. A list of current validated products, thickness for critical fall heights over various types of sub-base materials may be viewed at www.ipema.org. All testing must be applicable for the PIP surfacing over a CONCRETE SUB-BASE.

1. Installer Qualifications - All materials under this section shall be installed by the Manufacturer or its Certified Installers. The playground surfacing installation shall not be performed by any other type of trade crew or non-employee of the manufactured product being used. .

1.04 SUBMITTALS

A. Owner will determine if hard copy or electronic submittals will be required.
B. Manufacturer's descriptive data and installation instructions.
C. Manufacturer's details showing depths of wear surface and sub-base materials, anchoring systems and edge details.
D. A list of all materials and components to be installed, including Manufacturer's name, storage requirements, and precautions, and shall state chemical composition and test results to which material has been subjected in compliance with these specifications.
E. Test results/3rd Party Compliance Certificate to substantiate that the product meets or exceeds all ASTM & ADA requirements for each standard listed in Section 1.03 Quality Assurance. Test must be performed and certified by an independent laboratory.
F. Statement signed by the Manufacturer of the synthetic safety surfacing attesting that all materials under this section shall be installed by the Manufacturer or its Certified Installers.
G. Upon request, a sample specimen of safety surface proposed for this project.

1.05 DELIVERY, STORAGE and HANDLING:

Materials and equipment shall be delivered and/or stored in accordance with the Manufacturer's recommendations.

1.06 PROJECT SITE CONDITIONS:

A. Synthetic safety surfacing shall be installed on a dry subsurface, with no prospect of rain within the initial drying period, at temperatures recommended by the Manufacturer.
B. Installation in weather condition of extreme heat, temperatures less than 40 degrees (F), and/or high humidity may impact cure time, and/or the structural integrity of the final product. Immediate surroundings of the site shall be reasonably free of dust conditions and poor particulate air quality will impact the final surface look.
C. The Manufacturer's installation manager shall reserve the right to control the project schedule installation based on such factor without penalty to the manufacturer/dealer.
D. Safety surfacing shall be installed after the playground equipment is installed unless otherwise noted.
E. Surface installation shall be coordinated by the project manager or designated individual playground equipment and sub-base installation, with manufacturer's local production manager and in accordance with the manufacturer's sub-base requirements.

ADDENDUM #1 REVISED SPECIFICATIONS

1.07 WARRANTY:

Surfacing shall maintain required impact attenuation characteristics and be guaranteed against defects in workmanship and material for a period of no less than FIVE (5) years.

SECTION 2 – PRODUCTS

Basis of design is No Fault Safety Surface as manufactured and sold by No Fault Sport Group, LLC. OR OWNER APPROVED EQUAL. Safety Surface shall consist of synthetic poured-in-place safety surfacing meeting the requirements of this specification.

2.01 MATERIALS

A. Polyurethane Binder
   1. Binder for safety surfacing shall be specifically designed for use with rubber granule material for outdoor installations.
   2. No toluene diphenel isocyanate (TDI) shall be used.
   3. No filler materials shall be used in urethane such as plasticizers and the catalyzing agent shall contain no heavy metals.
   4. Weight of polyurethane shall be no less than 8.5 lbs/gal (1.02 Kg/1) and no more than 9.5 lbs/gal (1.14 Kg/1)
   5. COLOR TINTED BINDER WILL NOT BE ALLOWED.
   6. Aromatic Polyurethane Binder to be used. (*Aliphatic binder available for non-standard colors at additional cost).

B. SBR (Impact Layer)
   1. Only 100% shredded styrene butadiene rubber may be used
   2. Strands of SBR may vary from 0.5 mm – 2.0 mm in thickness by 3.0 mm – 20 mm in length.

C. EPDM (Wear Surface)
   1. EPDM particles shall meet requirements of ASTM D 412 and CSA Z614-98 for tensile strength and elongation; and ASTM D 2240 (Shore A) hardness of 55-65, not less than 26 percent rubber hydrocarbons.
   2. EPDM shall be peroxide cured with an EPDM content of 26% and shall include a processing aid to prevent hardness with 26% poly content to maintain dynamic testing characteristics, weatherization and UV stability.
   3. EPDM Wear surface shall be installed at a “compressed” ½” inch depth. Installation method shall use a measured screed rod 1/16” thicker than the required depth (9/16”).
   4. Color will include 50% BLACK & 50% STANDARD COLOR (BLUE, GREEN, TERRA COTTA, TAN) GRANULES. Final color selection to be made by Owner. *Non-standard colors/graphics are available for additional cost.
   5. HIZ – High Impact Zones shall include a full 1” wear/top cap. HIZ areas are dictated on drawing. These locations and s.f. could be different based on the specific manufacturer. The HIZ shall not be less than what is shown on the drawing.

6. Size of rubber particles shall be not less than 1.00 mm, or greater than 3.0 mm across. with a minimum EPDM content of 25% by weight and certified letter from Manufacturer stating this content. All rubber shall remain consistent in gradation and size.
7. STRAND, SHAVED, CHIPPED OR SHREDDED RUBBER IS NOT ACCEPTABLE IN THE POURED CAP.

2.02 PRODUCT SUBSTITUTIONS & APPROVED EQUALS

A. All product substitutions must be approved by Owner. Alternate manufacturers are advised to verify they can meet ALL requirements of this specification prior to bidding. If the product submitted cannot meet all requirements of the submittal package, it will not be considered.

SECTION 3 – EXECUTION

3.01 CONCRETE SUB-BASE REQUIRMENTS

A. Contractor to grade area and provide necessary concrete sub-base. Location to be chosen by Owner.
B. Contractor to provide a 4” thick concrete sub-base/6” flat mow strip (minimum) or larger if dictated by an alternate manufacturer.
C. The concrete base shall have the specific minimum slope (2%) and shall vary no more than 1/8" when measured in any direction with a 10’-foot straight edge.
D. Verify that sub-surfacing drainage, if required, has been installed to provide positive drainage. *DRAINAGE/PLUMBING NOT IN CONTRACT*
E. Tolerance of concrete or bituminous subsurface shall be with*in 1/8 inch (3.0 mm) in 10 feet (3050 mm).
F. Concrete shall be reinforced with rebar. Concrete slab minimum 3000 psi. Forms to be approved by Owner & playground equipment supplier prior to pour. Concrete to have a light broom finish. *5’ WIDE ACCESSIBLE PATH TO THE PLAYGROUND IS NOT IN CONTRACT.
G. Alternate sub-base material will not be acceptable.

3.02 PREPARATION

A. Scheduling – Safety Surface shall be installed after other sub-contractors are complete, the area is free from pedestrian traffic, and under the conditions as outlined in Section 1.06 Project Site Conditions.
B. Cleaning - The entire subsurface shall be clean, dry and free from any foreign and loose material.

3.03 INSTALLATION

A. SBR Cushion Layer
   1. Polyurethane binder and SBR will be mixed on site in a rotating tumbler to ensure components are thoroughly mixed and are in accordance with manufactures recommendations.
   2. Binder shall be not less than 18 percent (18%), nor more than 22 percent (22%), of the total weight of rubber, and shall provide 100 percent coating of the particles.
   3. The SBR and binder mixture will then be poured-in-place by means of screeding, and hand-troweled to maintain a seamless application.
   4. Installation method shall use a measured screed rod 1/16” thicker than the required depth.

5. Whenever practical, SBR cushion layer shall be installed in one continuous pour on the same day. When a second pour is required, fully coat the edge of the previous work with polyurethane binder to ensure 100 percent bond with new work. Apply adhesive in small quantities so that new SBR mixture can be placed before the adhesive dries.
6. Total depth(s) of the safety surface system throughout the playground equipment use zone shall be as required to meet the applicable critical fall height requirements of either the specified equipment or that of a proposed alternate equipment manufacturer (if thicker is required). Minimum depths and transitions shown are shown on the attached drawing. Therefore, thickness of the SBR cushion layer will be total depth will be the minimum required thickness less ½" or 1" (hiz) compressed top cap.
7. Edges - Surface edges shall be tapered to ½" top cap as shown on drawing.
8. The SBR cushion layer surface shall be porous.

B. EPDM Wear Course Layer
1. Polyurethane binder and EPDM will be mixed on site in a rotating tumbler to ensure components are thoroughly mixed and are in accordance with manufactures recommendations.
2. The binder shall be not less than 20 percent of total weight of rubber used in the wear surface, and shall provide 100 percent coating of the particles.
3. The EPDM and binder mixture will then be poured-in-place by means of screeding, and hand-troweled to maintain a seamless application.
4. Installation method shall use a measured 9/16" screed rod (1/16" thicker than the ½" inch compressed depth).
5. The cap will have a minimum weight of 3.3 pounds per square foot.
6. Thickness of wear surface shall be a minimum ½" inch "compressed".
7. The wear layer shall be porous.
8. Edges - Surface edges shall be flush with edge of adjacent area or tapered to provide safe transition.
9. Color: EPDM wear course shall be a blend of 50% Black and 50% Standard color (blue, green, tan, terra cotta) including aromatic binder. Owner to finalize during the submittal process from manufacturer's available color selections.

3.04 PROTECTION

A. The synthetic safety surface shall be allowed to fully cure in accordance with Manufacturer's instructions. The surface shall be protected by the CONTRACTOR from all traffic during the curing period of 48 to 72 hours after surface installation is complete, or as instructed by the Manufacturer.
B. Surface installation crew shall be responsible for the protection of Safety Surface during the installation process. Contractor shall be responsible for the protection of the surface during the crews off hours and during the curing period upon completion of the installation.

3.05 CLEAN UP

A. Manufacturer's installers shall not leave adhesive on adjacent surface or play equipment. Spills of excess adhesive shall be promptly cleaned.

B. Manufacturer's installers shall properly dispose of all material and packing waste before leaving the job site.

Contractor shall be responsible for supplying a dumpster at job site for all waste associated with installation of the safety surface.

Section 7.0 - Hours of Work:

Work shall be performed during normal working hours. All work must be scheduled with owner representative 5 days in advance. The successful bidder shall work normal building working hours (7:00am – 5:00pm) to provide a safe work environment at no extra charge to Jefferson Parish.

Section 8.0 – Cleaning Area and Safety:

Job site must be clean and free of all litter and debris daily and upon completion of the contract. Passageways must be kept clean and free of material, equipment, and debris at all times. Inflammable material must be removed from the job site daily, because storage will not be permitted on the premises. Precautions must be exercised at all times to safeguard the welfare and safety of the general public, employees of Jefferson Parish, and other Parish officials.

Section 9.0 – Permits:

The successful bidder shall obtain any and all permits required by the Jefferson Parish Department of Inspection and Code Enforcement. The successful bidder shall also be responsible for payment of these permits. All permits must be obtained prior to the start of the project.

Section 10.0 – Pre-Construction Conference and Notice to Proceed:

A Pre-Construction Conference shall be held between the successful bidder and the owner before any work commences. No work shall be performed until the successful bidder receives a written "Notice to Proceed" to begin work.

Section 11.0 – Construction Term

Upon receiving a Notice to Proceed, the successful bidder agrees that all work is to be substantially completed in **120 DAYS.**