

Assumption Parish Police Jury
Grant Park
Playground Equipment Specifications

REQUIREMENTS AND INSTRUCTIONS TO BIDDERS

1. Provide with bid colored (3-D) renderings (**minimum 2 views**) of the project along with an overhead blueprint of the complete area.
2. All equipment, hardware, and components shall follow current Consumer Product Safety Commission and ASTM standards, including **ASTM F1487-17**.
3. Bidder must submit with the bid **IPEMA** certification of compliance certifying that each component conforms with the requirements of **ASTM F1487-17 US**
4. Bidder must submit with the bid **IPEMA** certification of compliance for **Engineered Wood Fiber Safety Surfacing** certifying that the product conforms with the requirements of **ASTM F1292-17a (minimum impact attenuation requirements for playground surfaces to reduce the risk of severe head injury from falls)**
5. Manufacturer of equipment must be **ISO 9001-2008/ISO 14001** certified. *Provide documentation with bid.*
6. Manufacturer of equipment must be **PCI 4000 Certified**. *Provide documentation with bid.*
7. Manufacture must hold a minimum of **\$52Million** Product Liability Insurance policy. *Provide proof with bid. Actual certificate will be obtained with submittals of successful bidder.*
8. **Playground and Surfacing Installer Credentials**
Playground and Surfacing Installation
 - a) *must be performed by a Manufacturers Certified installer. Certificate of certification must be submitted with bid.*
 - b) *must hold a current Louisiana Contractors License. Provide Current License with the bid.*
 - c) *Must be a Certified Playground Safety Inspector. Provide Current Certificate with the bid.*
 - d) *Must hold a current Certificate of Achievement with the National Playground Contractors Association. Membership only does not qualify. Provide Current Certificate with the bid.*
9. If submitting products other than what is specified bidders are required to submit a complete part list and complete detailed comparison list for each component/product used. Please note on the list if the component/product used is a deviation from that which is specified and how it compares as far as value/play value.
10. The successful bidder shall protect all areas of construction with a heavy duty (commercial orange) barricade fence. The use of "caution tape" only, will not be acceptable.
11. No materials can be wood.
12. All Materials are to be new and unused.
13. All warranties on equipment and products must be provided with bid.

General System Specifications:

The uprights shall be **factory drilled** to ensure accurate placement of components and ease of installation. *Field drilling and measuring are not required or acceptable.* GT Events are direct bolt products NOT a clamp

ASSUMPTION PARISH POLICE JURY
NOTICE TO BIDDERS

PUBLIC NOTICE IS HEREBY GIVEN that sealed bids will be received for PLAYGROUND EQUIPMENT by the Police Jury of Assumption, State of Louisiana until 1:00 p.m. on Thursday, July 25, 2019; Bid Opening immediately following:

REQUIREMENTS AND INSTRUCTIONS TO BIDDERS

1. Provide with bid colored (3-D) renderings (minimum 2 views) of the project along with an overhead blueprint of the complete area.
2. All equipment, hardware, and components shall follow current Consumer Product Safety Commission and ASTM standards, including ASTM F1487-17.
3. Bidder must submit with the bid IPEMA certification of compliance certifying that each component conforms with the requirements of ASTM F1487-17 US
4. Bidder must submit with the bid IPEMA certification of compliance for Engineered Wood Fiber Safety Surfacing certifying that the product conforms with the requirements of ASTM F1292-17a (minimum impact attenuation requirements for playground surfaces to reduce the risk of severe head injury from falls)
5. Manufacturer of equipment must be ISO 9001-2008/ISO 14001 certified. Provide documentation with bid.
6. Manufacturer of equipment must be PCI 4000 Certified. Provide documentation with bid.
7. Manufacture must hold a minimum of \$52Million Product Liability Insurance policy. Provide proof with bid. Actual certificate will be obtained with submittals of successful bidder.
8. Playground and Surfacing Installer Credentials
Playground and Surfacing Installation
 - a) must be performed by a Manufacturers Certified installer. Certificate of certification must be submitted with bid.
 - b) must hold a current Louisiana Contractors License. Provide Current License with the bid.
 - c) Must be a Certified Playground Safety Inspector. Provide Current Certificate with the bid.
 - d) Must hold a current Certificate of Achievement with the National Playground Contractors Association. Membership only does not qualify. Provide Current Certificate with the bid.
9. If submitting products other than what is specified bidders are required to submit a complete part list and complete detailed comparison list for each component/product used. Please note on the list if the component/product used is a deviation from that which is specified and how it compares as far as value/play value.
10. The successful bidder shall protect all areas of construction with a heavy duty (commercial orange) barricade fence. The use of "caution tape" only, will not be acceptable.
11. No materials can be wood.
12. All Materials are to be new and unused.
13. All warranties on equipment and products must be provided with bid.

Please contact Erin Theriot for a full bid packet complete with all desired equipment specifications prior to submittal: Erin Theriot, (985) 369-2195, erinthieriot@assumptionla.com, 4910 Highway 308-
Napoleonville, LA 70390.

Electronic bid submittals will be accepted. Please visit: <http://www.assumptionla.com/bids.aspx> for more information or contact Erin Theriot (contact info above) for further instruction.

All sealed bids should be addressed to the Assumption Parish Police Jury, Playground Equipment Bids, Post Office Box 520, Napoleonville, Louisiana, 70390 or dropped off at the Assumption Parish Police Jury Administration Office located at 4813 Highway 1, Napoleonville, Louisiana. Sealed bids will be opened at 1:00 p.m. on Thursday, July 25, 2019 in the Assumption Police Jury Administration Office, 4813 Highway 1, Napoleonville, Louisiana.

Martin S. Triche
Police Jury President

Publish:

June 18, 2019

June 25, 2019

July 2, 2019

July 9, 2019

July 16, 2019

July 23, 2019

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system. All uprights shall receive factory installed aluminum post caps and shall be shipped with a factory applied label indicating proper surfacing level. (**plastic post caps are not acceptable**)

All decks and components shall connect to support posts by means of a **DIRECT BOLT connection** for strong, durable connections. **Deck/Collar attachments shall not be acceptable.**

Field drilling (*holes, drive rivets, and drive pins*) equipment upon installation of any kind will not be acceptable as this causes the factory powder coated protected post, connections, railings etc. to be exposed and unprotected once it is field drilled. Such tampering with and field drilling will eventually cause rust issues, and this will not be acceptable. All post and connections must be **factory drilled**.

PrimeTime Specifications

PrimeTime® features **3 1/2" O.D.** uprights with a positive Direct Bolt fastening system utilizing stainless steel tabs. The uprights **shall be factory drilled to ensure accurate placement of components and ease of installation. Field drilling and measuring are not required.** PrimeTime is a **direct bolt system NOT a clamp system.** All uprights shall receive **factory installed aluminum post caps** and shall be shipped with a factory applied label indicating proper surfacing level. **Plastic post caps are not acceptable.**

All decks and components shall connect to support posts by means of a **Direct - bolt connection** for strong, durable connections. **Deck/Collar attachments shall not be acceptable.**

HARDWARE

All nuts, bolts, screws, inserts, and lock washers used in the assembly of all play equipment shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 304 alloy stainless steel. Fasteners with yellow dichromate treatment have an electro-deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing. All primary stainless-steel fasteners shall be Button Head Socket Caps.

GALVANNEAL COATING

All galvanneal coating shall meet or exceed the specifications of ASTM A-6530-CQ.

POWDER COAT FINISH

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

ROTATIONALLY MOLDED PRODUCTS

All polyethylene shall be linear low-density material with UV-stabilized color and an anti-static compound additive. All rotationally molded products shall meet or exceed the following specifications: ASTM D-1248, type 2, class A and Federal specification LP-390C, type 1, class M, grade 2, category 3; Density (ASTM D- 1505);

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Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM D-790); Heat Distortion (ASTM-648); Low Temperature Impact (ARM-STD).

STEEL TUBING

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

ENTRY WAY

Entry Way shall be fabricated from 1-5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing with 3/16" hot rolled steel formed and stamped mounting tabs. The Entry Way shall be an all welded assembly and shall be coated with a custom formula of TGIC polyester powder, after fabrication in conformance with the specifications outlined herein.

GIZMOS

The Wheel Housing, Window Housings and Cap shall be injection molded from color impregnated high-density polyethylene. The Maze Bubble shall be injection molded from clear ABS plastic. The Echo Chamber, Answer Wheel, Knob, Maze, and Click Wheel shall be injection molded from color impregnated ABS plastic. The Bushing shall be injection molded Acetal. The Bubble Mirror shall be vacuumed formed of 3/16" thick polycarbonate with a mirror finish applied to the concave side. The Flat Mirror shall be 1/8" thick Polycarbonate with a mirror finish applied to one side. The Stained Glass shall be 3/16" translucent Polycarbonate.

OFFSET ARCHWAY

Shall be fabricated from 1-1/16" O.D. x .072" (15 gauge) wall and 1-5/16" O.D. x .078" (14 gauge) wall galvanized steel tubing and 3/16" hot rolled steel mounting tabs. The Offset Entry Archway shall be an all welded structure and shall be coated with a custom formula of TGIC polyester powder after fabrication in conformance with the specifications outlined herein.

Uprights and Upright Accessories:

DIRECT BOLT CONNECTION

Each PrimeTime component is bolted directly into the upright post and designed to eliminate exposed hardware and protrusions. **Minimum tensile strength of the connection shall be 45,000 psi, minimum yield strength shall be 22,000 psi.** All necessary connectors shall be engineered, manufactured and **factory installed as an integral part of the upright post.** For added protection against corrosion, cold galvanizing shall be applied to the edges of each drilled hole.

UPRIGHTS

All upright posts shall have a finished grade line marking to indicate the correct playground safety surface level. All upright posts shall be coated with a custom formula TGIC polyester powder coating in conformance with the specifications outlined herein.

UPRIGHTS - ALUMINUM

Shall be **3.5" outside diameter tubing**, 1/8" wall thickness, extruded from 6005-T5 aluminum alloy conforming to ASTM-B-221. Minimum yield strength shall be 35,000 psi and minimum tensile strength shall be 38,000 psi. All upright posts shall have a finished grade line marking to indicate the correct playground safety surface

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level. All upright posts shall be coated with a custom formula TGIC polyester powder coating in conformance with the specifications outlined herein.

UPRIGHTS - STEEL

Shall be **3.5" outside diameter**, 13 gauge (.095") galvanized round tubing, manufactured to ASTM A-500 Section II tolerances from cold-formed steel conforming to ASTM A-569 Sheet Spec for Steel Coil. Minimum yield strength shall be 50,000 psi and minimum tensile strength shall be 55,000 psi.

The exterior surface is hot dip galvanized, chromate conversion coated, and a clear high-performance organic polymer is applied. The inside diameter has 81% minimum zinc rich primer capable of providing excellent rust protection and fabrication characteristics. All coatings are applied inside and out after welding for superior corrosion protection throughout. Exterior surface galvanizing zinc purity is 99% as per ASTM B-6 high grade and special high grade. Galvanizing coverage shall demonstrate the ability to exceed 1000 hours salt spray corrosion exposure in accordance with ASTM B-117. Internal surface zinc rich 81% minimum zinc dust content in organic resin, as per ASTM F-1234, Section 5.2.4, Type D. All upright posts shall have a finished grade line marking to indicate the correct playground safety surface level. All upright posts shall be coated with a custom formula TGIC polyester powder coating in conformance with the specifications outlined herein.

UPRIGHT CAPS

The standard upright cap shall be an aluminum cap, cast from a 383 alloy, powder coated to match the upright. Every upright cap shall be anodized for maximum protection. All upright caps are permanently installed at the factory using aluminum self-sealing rivets. **Plastic post caps are not acceptable.**

Punched Steel & Coated Components:

PUNCHED STEEL DECKS

Punched steel decks shall be fabricated from 12 gauge punched steel with a protective p&o finish and other punched steel products shall be fabricated from 11 gauge punched steel with a protective p&o finish. Coated products shall consist of a welded assembly with an oven cured matte finish polyvinyl chloride (PVC) coating with a minimum coating thickness of .080". The PVC coating shall have a hardness of Shore A 83 +/-5 normal durometer range. This material is classed as "Self-Extinguishing", meets or exceeds automotive specifications NVSS302, and contains ultraviolet inhibitors to help prolong the life of the coating. The PVC coating shall contain phthalate levels in concentrations of 1/10 of 1% or lower. For ADA Ramp Accessible decks and ramps, the hole shall measure 1/4" diameter after coating. For standard decks and ramps, the hole size shall measure 1-1/4" diameter after coating.

DECKS - SQUARE

Shall have a minimum surface area of 1,286 square inches, maintaining a full 36" center to center spacing on the upright posts. The 36" square deck shall be fabricated from punched steel in conformance with the specifications outlined herein. The deck frame shall be fabricated from 3/16" x 2-1/2" hot rolled steel with corner supports fabricated from 1/4" x 2-1/2" hot rolled steel. Intermediate supports, fabricated from 1/8" x 1" hot rolled steel, shall be notched and welded at the intersections forming a support grid underneath the entire deck surface. The deck shall be a one-piece welded assembly, coated after fabrication with an oven cured matte finish polyvinyl chloride (PVC) coating in accordance with the specifications herein. Each square deck shall be directly bolted to the upright posts with four 3/8" diameter button head cap screws in accordance with the hardware specifications herein.

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DECKS - TRIANGULAR

Shall have a minimum surface area of 556 square inches, maintaining a full 36" center to center spacing on the upright posts. The 36" triangular deck shall be fabricated from punched steel in conformance with the specifications outlined herein. The deck frame shall be fabricated from 3/16" x 2-1/2" hot rolled steel with corner supports fabricated from 1/4" x 2-1/2" hot rolled steel. Intermediate supports, fabricated from 1/8" x 1" hot rolled steel, shall be welded at the intersections forming a support grid underneath the deck surface. The deck shall be a one-piece welded assembly, coated after fabrication with an oven cured matte finish polyvinyl chloride (PVC) coating in accordance with the specifications herein. Each triangular deck shall be directly bolted to the upright posts with three 3/8" diameter button head cap screws in accordance with the hardware specifications herein.

STEPPED DECKS

The stepped platform shall be fabricated in conformance with the punched steel specifications outlined herein. Stepped decks shall be available in both six-inch and twelve-inch height differentials. The deck frame shall be fabricated from 3/16" x 3-1/2" hot rolled steel with corner supports fabricated from 1/4" x 3-1/2" hot rolled steel. The diagonal brace shall be fabricated from 12-gauge steel with a protective p&o finish. Intermediate supports, fabricated from 1/8" x 2-1/2" hot rolled steel, shall be notched and welded at the intersections forming a rigid 12" support grid underneath the entire deck surface. The deck shall be a one-piece welded assembly, coated after fabrication with an oven cured matte finish polyvinyl chloride (PVC) coating in accordance with the specifications herein. Each stepped deck shall be directly bolted to the upright posts with eight 3/8" diameter button-pin-in-head, hex socket cap screws in accordance with the hardware specifications herein.

ACCESSIBLE STEP ATTACHMENT

The accessible step attachment shall be a one-piece weld assembly made from 11 Ga. punched steel in conformance with the specifications outlined herein. The accessible step shall have a decent of 8" or less, as specified by the Americans with Disabilities Act (ADA). The accessible step shall be finished with a matte PVC coating per the plastisol coating specifications herein. A steel handhold shall be provided on both sides of the step. The handholds shall be bolted directly to the uprights on each side of the step. Handholds shall be fabricated from 1-5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing, with supports fabricated from 1-1/16" O.D. x 15 gauge (.075" thick) galvanized steel tubing. Each handrail shall be a one-piece welded assembly and shall be coated with a custom formula of TGIC polyester powder after fabrication in conformance with the specifications outlined herein.

TRANSFER SYSTEM

The Steps shall be made from 11 gauge punched steel with a protective P&O finish in conformance with the specifications outlined herein. The Steps shall each be a one-piece welded assembly finished with the matte PVC coating per the specifications herein. Handrails and attachment rails shall be fabricated from 1-5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing, with supports fabricated from 1-1/16" O.D. x 15 gauge (.075" thick) galvanized steel tubing and 2" square x 3/16" wall steel tubing. Handholds and attachment rails shall be all-welded assemblies and shall be coated with a custom formula of TGIC polyester powder in conformance with the specifications outlined herein, after fabrication.

TRANSFER PLATFORM

The Platform and Steps shall each be made from 11 gauge punched steel with a protective p&o finish in conformance with the specifications outlined herein. The Platform and Steps shall each be a one-piece welded assembly finished with the matte PVC coating per the specifications herein. The steps shall have a minimum of 355 square inches of area per step and shall descend in increments of 8" or less, as specified by the Americans with Disabilities Act (ADA). Handrails and attachment rails shall be fabricated from 1-5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing, with supports fabricated from 1-1/16" O.D. x 15 gauge (.075" thick) galvanized steel tubing and 2" square x 3/16" wall steel tubing. Platform support shall be fabricated from

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5" O.D tubing with a 3/16" hot rolled flat steel flange. Handholds, attachment rails and platform support shall be all-welded assemblies and shall be coated with a custom formula of TGIC polyester powder in conformance with the specifications outlined herein, after fabrication.

PrimeTime Specifications

Climbers:

WAVE CLIMBER

This patent pending one-piece climber shall be color impregnated linear low density polyethylene and shall conform to the rotationally molded specifications outlined herein. The climber utilizes "waves" and "bumps" to allow the user to ascend and descend at their level of ability. The mounting bracket shall be fabricated of 3/16" x 2-1/2" hot rolled steel. The mounting bracket, enclosure, and foot buck assemblies shall be coated with a custom formula of TGIC polyester powder, after fabrication in conformance with the specifications outlined herein.

WAVY TREE CLIMBER

Wavy Tree climber shall be a one-piece welded assembly with the center rail fabricated from 2-3/8" O.D. x .095" (13 gauge) wall galvanized steel tubing . The climbing rungs shall be fabricated from 1-5/16" O.D. x .083" (14 gauge) wall galvanized steel tubing. Mounting bracket shall be fabricated from 3/16" x 3-1/2" hot rolled flat steel with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

Upper Body Development Components:

CRUNCH BAR

Shall be fabricated from 1-1/16" O.D. x .075"(15 gauge) wall galvanized steel tubing and shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication.

Overhead Ladders:

HORIZONTAL LADDERS

The horizontal ladder assembly shall be fabricated from 1-7/8" O.D. x .095" (13 gauge) wall galvanized steel tubing and 3/16" formed hot rolled steel mounting tabs. The cross rungs shall be fabricated from 1-1/16" O.D. x .075" (15 gauge) wall galvanized steel tubing. The ladder assembly shall be an all welded construction which bolts directly into the uprights and shall be coated with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein, after fabrication.

Crawl Tubes:

STRAIGHT CRAWL TUBE - ROTATIONALLY MOLDED CRAWL TUBES 26' INSIDE DIAMETER

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The 26" I.D. x ¼" nominal wall thickness tube and connecting panels shall be rotationally molded linear low-density polyethylene conforming to the roto-mold specifications outlined herein. Tube sections shall be molded so that all hardware connections are on the outside of the tube

Panels:

MEGAHORN

Mega Horn shall bolt directly to the upright and be one-piece, double-wall rotationally molded linear low-density polyethylene conforming to the specifications outlined herein.

BONGOS

The Bongos are molded from a color impregnated linear low-density polyethylene and shall conform to the rotationally molded specifications outlined herein.

GANZA

Shall be a gourd shaped shaker made from 1/4" thick, color impregnated linear low density polyethylene and shall conform to the rotationally molded specifications outlined herein. The Ganza shall have zinc plated steel shot inside to produce a shaker sound. The Ganza shall be mounted using a 1-5/16" O.D. x .078" (14 gauge) wall stainless steel tubing with a custom formula of TGIC polyester powder, after fabrication in conformance with the specifications outlined herein.

THUNDERING

The ThunderRing is molded from a color impregnated linear low-density polyethylene and shall conform to the rotationally molded specifications outlined herein. The ThunderRing bracket shall be an all welded steel structure and shall be coated after fabrication with a custom formula of TGIC polyester powder coating in conformance with the specifications outlined herein.

ECHO CHAMBER SINGLE GIZMO PANEL

The Single Gizmo panel shall be 3" (bottom) and 4 7/16" (top) thick, color impregnated linear low-density polyethylene and shall conform to the rotationally molded specifications outlined herein. Gizmo's shall conform to the Gizmo specifications outlined herein.

HYPNO WHEEL SINGLE GIZMO PANEL

The Single Gizmo panel shall be 3" (bottom) and 4 7/16" (top) thick, color impregnated linear low-density polyethylene and shall conform to the rotationally molded specifications outlined herein. Gizmo's shall conform to the Gizmo specifications outlined herein.

Slides:

SINGLE ZIP SLIDES – STRAIGHT QTY 2

Zip Slides and hoods shall be color impregnated linear low-density polyethylene and shall conform to the rotationally molded specifications outlined herein with double wall construction molded to a minimum .25" wall thickness. Single bed way Zip Slides shall have a minimum inside bed width of 17.5" while double bed way Zip Slides shall have a minimum inside bed width of 16.5" on each bed way. Outside rails are at least 7" high when measured from the centerline of the bed way surface. The angle of descent shall be no greater than 50°. Each Zip Slide works in conjunction with a rotationally molded hood that has an integrated cross bar which force users to a seated position. The exit section of the bed way shall have a minimum 40" radius for a smooth transition from the slide

chute to the run-out area. The run-out shall be angled at a maximum of 4° with an integrated drain at 5° to reduce pooling of water. Zip Slides bolt directly to the deck and to the slide hood.

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Motion

BUCK-A-BOUT W/ COIL SPRING



FRAME: Cross Bars shall be fabricated of 2-7/8" O.D. galvanized pipe. Animal mount top plates shall be fabricated of 1/4" x 4" H.R. steel plate. Foot buck shall be fabricated of 1/2" diameter rod. Spring mount brackets shall be fabricated of 1/4" x 6" H.R. steel. Dome shall be fabricated of 14-gauge H.R. steel, 2'-7-1/2" [80.01 cm] diameter with 3/4" O.D. rolled edge. All shall be electric welded to form frame assembly. Dome will bolt to frame assembly.

BASE PLATES: Shall be fabricated of 1/4" x 6" x 10" H.R. steel and precision drilled to receive 1/2" spring mount bolts and anchor bolts.

SPRING MOUNT CASTING: Shall be high strength type 32510 malleable iron.

SADDLE MATES: Shall be cast in one piece from aluminum. The nominal wall thickness of the saddle mates shall be 1/4" thick. A 1-1/16" diameter aluminum rod shall extend through the saddle mate to provide a handhold. Handhold shall be capped with a 3-3/16" O.D. aluminum guard casting.

SEATS: Cast aluminum with handhold molded to seat to form a one-piece seat.

PLASTIC SEATS WILL NOT BE ACCEPTABLE

FINISH: Powder coating. Animals shall be painted and decorated bright permacryl color.

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

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

IN-GROUND MOUNT

BASE ASSEMBLY: Shall be one piece all welded construction made from 5" O.D. (.120") wall galvanized pipe and 3/16" x 6" x 10" hot rolled steel plate. The assembly shall be coated with a custom formula TGIC polyester powder coating.

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

steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

MERRY GO ALL



Merry-Go-All- must **be fully accessible**

PLATFORM ASSEMBLY: Shall be formed of one piece 11-gauge H.R. steel with a turned under flange. Braces shall be fabricated of 1-5/16" O.D. galvanized pipe. Platform shall be an all welded construction.

HUB: Shall be fabricated of 3-1/2" O.D. pipe with 1/4" H.R. flat plate.

BASE ASSEMBLY: Legs shall be fabricated of 2-7/8" O.D. galvanized pipe. Axle shall be fabricated of 1-5/8" O.D. cold-

rolled steel. Collar shall be fabricated of 2-3/4" O.D. tube. Base assembly shall be an all welded construction.

BRAKE DRUM: Shall be fabricated of 8-1/2" O.D. pipe with 1/4" H.R. flat plate welded in place to receive hub and platform plates.

SPRING MOUNTING PLATE ASSEMBLY: Shall be fabricated of 3/16" H.R. flat steel to form weld assembly.

SPRING: Shall be heavy duty die spring of rectangular wire construction.

HOLDING BRACKET: Shall be an all welded assembly fabricated from 3/16" H.R. flat steel with 5/8" diameter C.R. threaded rod.

WHEEL: Shall have die cast aluminum core with sealed roller bearings. Cast polyurethane tread is chemically bonded to core.

SHIELD HALVES: Shall be color-impregnated, molded polyethylene with 3/16" nominal thickness.

SHIELD MOUNTING BRACKET: Shall be fabricated of 3/16" H.R. flat steel drilled and tapped to receive 3/8" bolts. Bracket shall have a powder coat finish.

WHIRL N SPIN ASSEMBLY: Shall be an all welded assembly fabricated from 14 gauge galvanized steel, 1 1/4" galvanized pipe, 1/8" steel plate, 3" schedule 40 pipe, and

3/16" flat hot rolled steel. **WHIRL N SPIN SEAT:** The Whirl N Spin Seat shall be rotational molded from polyethylene. The polyethylene shall be linear low-density material with UV-stabilized color and an anti-static compound additive. All rotational molded products shall meet or exceed the following specifications: ASTM D-1248, type 2, class A and Federal specification LP-390C, type 1, class M, grade 2, category 3; Density (ASTM D-155); Brittleness Temperature (ASTM D-746); Tensile Values (ASTM D-638); Flexural Modulus (ASTM D-790); Heat Distortion (ASTM-648); Low Temperature

Impact (ARM-STD). **FINISH:** Platform and Whirl N Spin assembly shall have a powder coat finish. Handrails and base shall be painted aluminum. **HARDWARE:** All nuts, bolts, screws, inserts, and lock washers used in the assembly of all play equipment, shall be stainless

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steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with the zinc plating. Yellow dichromate has a 320% longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing. NOTE: All weights are based on average comparisons of each part. SPECIFICATIONS: GAMETIME® has a policy of continuous improvement and reserves the right to discontinue or change specifications without notice.

Swings

PRIMETIME SWING 2 BAY



TOP RAIL AND ARCH: Shall be fabricated of 3-1/2" O.D. (13 Gauge) galvanized steel tubing. Arch includes a welded 3-1/8" O.D. galvanized steel sleeve to which the top rail is fastened.

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

BELT SEAT WITH CLEVIS- QTY 2 S HOOK WILL NOT BE ACCEPTABLE

Commercial Belt Seat - an extra piece of fluted rubber at the front and back of seat gives it a cushion bumper.

SWING CLEVIS: Shall be 5/16" Dia. with galvanized finish. Bolt shall have tamper resistant head.

CHAIN: (a) Material: 7/32" diameter steel wire. (b) Dimensions (inside for each link): 3/8" wide, 1-3/8" long. (c) Finish: Chain shall be hot dipped galvanized. (d) Type of construction: 4/0 welded link coil chain.

ENCLOSED TOT SEAT WITH CLEVIS-QTY 2 S HOOK WILL NOT BE ACCEPTABLE

Fully Enclosed Seats shall be fabricated with .025" thick stainless-steel inserts covered by a dark green colored EPDM rubber.

SWING CLEVIS: Shall be 5/16" Dia. with galvanized finish. Bolt shall have tamper resistant head.

CHAIN: (a) Material: 7/32" diameter steel wire. (b) Dimensions (inside for each link): 3/8" wide, 1-3/8" long. (c) Finish: Chain shall be hot dipped galvanized. (d) Type of construction: 4/0 welded link coil chain.

HARDWARE: All nuts, bolts, screws, inserts, and lock washers used in the assembly of all play equipment, shall be stainless steel, yellow dichromate plated steel, blue-coat plated steel, mechanically galvanized or powder coated/yellow dichromate plated steel. All primary fasteners shall be 300 series stainless steel. Fasteners with yellow dichromate treatment have an electro deposited, 99.9% pure zinc substrate applied from a specially formulated solution sealed with a yellow dichromate top coat designed to work in conjunction with

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the zinc plating. Yellow dichromate has a 320 % longer life to white corrosion and 275% longer to red corrosion than does hot-dip galvanizing.

HARDWARE: All nuts, bolts, screws, inserts, and lock washers used in the assembly of all play equipment, shall be service condition SC 2 (Moderate) Type II zinc plated with a yellow chromate conversion coating. (ASTM B-633-85)

Play Curbs

ACCESSIBLE PLAY CURB



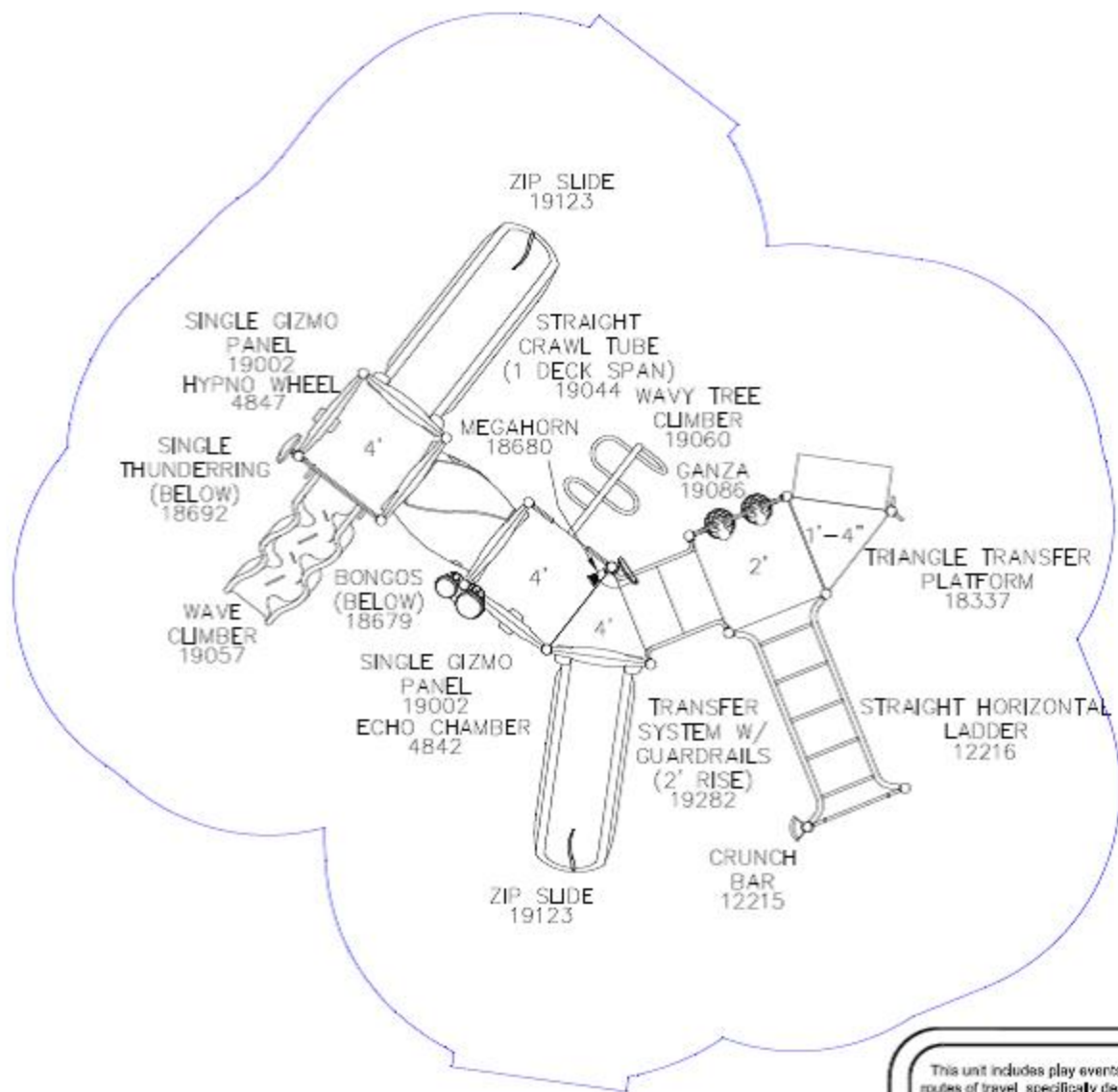
Recycled Accessible Play Curb: 4'-4" wide x 8" high x 5' 3 3/16" long rotational molded. 100% recycled/reclaimed linear low-density polyethylene. Walls are 1/4" thick.

Recycled Adapter: 0'-3 1/2" Wide x 12" High x 1'-4" Long rotational molded. 100% recycled/reclaimed linear low-density polyethylene. Walls are 3/16" thick.

PLAYCURB (new)



Shall be a one-piece blow molded polyethylene. Walls are 1/4" thick. Playcurb dimensions: 0'-4" wide x 12" high x 4'-4" long. Anchor Stake: 3/4" Diameter x 30" Lg. Hot Dip Galvanized.



This unit includes play events and routes of travel specifically designed to meet the 2010 DOJ ADA (Americans with Disabilities Act) Standards for Accessible Design.

Total Elevated Play Components	10	
Total Elevated Play Components Accessible By Ramp	-	Required -
Total Elevated Components Accessible By Transfer	10	Required 5
Total Accessible Ground Level Components Shown	3	Required 3
Total Different Types Of Ground Level Components	3	Required 3