SECTION 116813 – PLAYGROUND EQUIPMENT

PART 1 – GENERAL

1.1 Description: R0304230001 Town of Locust Fork

1.2 Quality Assurance:

1.2.1 Equipment and Design Qualifications:

1.2.1.1 All playground equipment shall comply will all the requirements of CPSC, ASTM, ADA and will be IPEMA certified.

1.2.1.2 All safety fall zones shall be determined in accordance with ASTM 1487-07 and CPSC Handbook for Public Playground Safety Publication number 325. All playground equipment designs shall be evaluated and signed off by a NPSI certified playground inspector.

1.3 Manufacturer Qualifications:

1.3.1 The manufacturer of the playground equipment must carry a minimum of 10 million dollars of liability insurance with an AM best rating. The manufacturer of the playground equipment must have a minimum of 10 years experience in manufacturing commercial playground equipment.

1.4 Applicable Standards

1.4.1 ASTM F1487-07
Standard consumer performance specification for playground equipment for public use.

1.4.2 CPSC Handbook for Public Playground Safety, publication number 325.

1.4.3 CSA Z614-20

1.4.4 EN 1176-98 (if requested)
European Standard for Playground equipment

1.4.5 All manufactured components must be IPEMA certified by International Playground Equipment Manufacturers Association.

PART 2 – PRODUCTS

2.1

Part Number	Description
100001231	TIMBER KID TM 1830MM/ 6' BLK
100001232	TIMBER KID TM 610MM/ 2' BLK
100005100	PB DK/DK PLATE 205MM/8"
100005233	PB SPLIT DK/DK PLATE 205MM/8"
100005274	PB SQUARE DECK
100005350	PB HALF SQUARE DECK
100005640	PB TRIANGLE DECK
100011002	ACCESS RAMP BLK F/KID TIMBER TM

200054508	PB SLIDE POLE 1625 MM/64"
200054611	PB PANEL ARCH BUBBLE
200054615	PB PANEL ARCH MIRROR
200054618	PB SAFETY RAIL LONG W/O MT
200063639	PB TUNNEL SINGLE CRAWL ABOVE DECK
200064814	SLIDE WAVE SGL.WD. 1625MM F/PB
200064815	SLIDE ELBOW 70 DEG. F/PB
200072938	TOOLBOX F/PLAY BUILDERS (MM)
200111492	LABEL, IDENTIFICATION STAMPED W/RIVETS
200122443	SLIDE SPIRAL PB 1625/64 (2007)
200200330	SLIDE DBL WD.PLASTIC 48"/1220MM PB (2004)
200200433	TRANSFER STATION 1220 MM PB_W/SAFE.RLS.
200200531	KIT MAINTENANCE PB W/O LIST PRICE
200200637	INFINITY BOOMERANG 1015 F/PB
200200650	PB TELESCOPE PANEL DKMT
200200732	PB MATCHING GAME PNL
200200767	PB TRANSFER STATION (2006)
200200973	PB PANEL CRAWL FLAT TOP PTMT
200201049	PB BALCONY DECK W/ TELESCOPE RAIL
200202176	PB WAVY RUNG CLIMBER 48"
200202346	PB 7 STONE CLIMBER
200202438	PB VERTICAL POD CLIMBER 48"
200202613	PB POST W/CAP 2690MM (106")
200202614	PB POST W/CAP 2895MM (114")
200202615	PB POST W/CAP 3100MM (122")
200202616	PB POST W/CAP 3300MM (130")
200202617	PB POST W/CAP 3505MM (138")
200202618	PB POST W/CAP 3710MM (146")
200203061	PB TILTED ROCK CHALLENEGE WALL 40"
200203193	PB BEATBLOCKS PANEL
200203206	PB BOINGO
200203413	REVOLUTION INCLUSIVE SPINNER
200203423	GENERATION SWING SEAT ASSEMBLY TIKES
200203433	INCLUSIVE SWING SEAT W/CHAINS 8'
200203453	PB CULVERT CLIMBER 40"
200203472	PB ACTIVITY PANEL FRAME DKMT
200203477	ACTIVITY PANEL A-MAZE-ING INSERT
200203578	ASSY F/PB POST MT.PLAS.STEER.WHL.
200305597	14' LARGE CRATE (ASSY DOMESTIC)
787Z	RISK MANAGEMENT SIGN - ENGLISH
912358	INCLUSIVE 3-POINT HARNESS W/HDWR
925602	LABEL P/C (2 TO 12 YRS) PPLT
925603	LABEL P/C (5 TO 12 YRS) PPLT
925960	THUMB DRIVE 2GB - PPLT
926020	LITTLE TIKES CARD F/THUMB DRIVE
926461	LABEL GENERATION SWG, 2YR-12YR, LT
HW7704-1	HRDW PKG F/CLAMP ELIMINATION S1/1
INSTALL	INSTALL BOOK FOR PP ORDERS

BOOK
LT0930 3.5" 2 SEAT ARCH SWING
LTPSP065 PS PYRAMID QRE 24X24X10 RBP
LTPSP069 PS PYRAMID QRE 30X30X12 RBP

2.2 Manufacturer: PlayPower Operations, Monett, Missouri

2.3 General Equipment Specifications:

2.3.1 Plastic Caps shall fit snugly into 127 mm (5") and 33 mm (1.315") tube ends and shall be injection molded Low Density Polyethylene. This plastic shall be stabilized against ultraviolet (UV) degradation and shall have color molded in. All caps will be installed at the factory and 127 mm (5") caps will be secured with aluminum hammer drive pins.

2.3.2 Aluminum Caps shall fit snugly into 127 mm (5") tube ends. The aluminum cap shall be made from SAE 413 aluminum with a minimum wall thickness of 4 mm. Prior to insertion into the post, all caps shall be painted per PPLT PAINT Specification. All caps will be installed at the factory and 127 mm (5") caps will be secured with aluminum hammer drive pins.

2.3.3 PPLT PAINT Specification: Primer shall be electrostatically applied and cured in an infrared oven. Paint shall be an electrostatically applied polyester TGIC (triglycidyl isocyanurate) powder coating which shall be cured at temperatures between 400° and 500° Fahrenheit. The thickness of the combined primer/paint shall be between 5 mils and 11 mils. The polyester powder shall comply with ASTM standards: D-2794 (Impact Resistance Test), B-117 (Salt Spray Resistance Test), G26 (Weatherability Test), and D3359B (Adhesion Crosshatching Test).

2.3.4 PlayPower Operations ROTO Specification: Rotationally Molded Plastic Parts shall be molded from linear low-density polyethylene with ultraviolet (UV) light stabilizers, anti-static guard (for Molding purposes) and color molded in. This material shall comply with ASTM-D-790 (Flex Modulus), ASTM -D-638 (Tensile Strength), ASTM-D-648 (Heat Deflection Temperature), ARM-STD (Low Temperature Impact) and rated UL 94.

2.3.5 PPLT PVC Specification: Textured Poly-Vinyl-Chloride coating shall be an average of 3 mm (.125") thick. Poly-vinyl-chloride coating shall be oven cured and textured for added traction when wet or dry.

2.3.6 Hardware: Bolts, Nuts, Screws, Threaded Spacers, Washers and Other Hardware used in the assembly of components shall be metric stainless-steel and tamper resistant. All necessary hardware shall be provided.

2.3.7 Deck Clamp assemblies shall consist of two steel half-clamps. Clamp profiles shall be designed to eliminate protrusions. Clamps shall be die formed from 12-gauge HRPO steel. Clamps shall have a 6 mm (.25") radius rib formed in the top and bottom of the clamp for structural integrity. The clamp attachment bracket shall be formed from 11-gauge sheet steel and shall be welded securely to the clamp half. All clamp halves shall be zinc plated, yellow dichromate coated and phosphate coated before being TGIC (triglycidyl isocyanurate) polyester powder coated. Tamper-resistant fasteners shall be used to retain clamps and

shall consist of M10 six lobe socket head stainless steel cap screws and M10 slab-base Tee nuts. All clamps shall be provided with aluminum hammer drive pins to protect against slippage.

2.3.8 Rail Clamp assemblies shall consist of two steel half-clamps. Clamp profiles shall be designed to eliminate protrusions. Clamps shall be die formed from 12-gauge HRPO steel. Clamps shall have a minimum 6 mm (.25") radius rib formed in the top and bottom of the clamp for structural integrity. All clamp halves shall be zinc plated, yellow dichromate coated and phosphate coated before being TGIC (triglycidyl isocyanurate) polyester powder coated. Tamper-resistant fasteners shall be used to retain clamps and shall consist of M10 six lobe socket head stainless steel cap screws and M10 slab-base Tee nuts. All clamps shall be provided with aluminum hammer drive pins to protect against slippage.

2.3.9 Wing and Panel Clamp assemblies shall consist of two steel half-clamps. Clamp profiles shall be designed to eliminate protrusions. Clamps shall be die formed from 12-gauge HRPO steel. Clamps shall have a 6 mm (.25") radius rib formed in the top and bottom of the clamp for structural integrity. The clamp wing bracket shall be formed from 7-gauge sheet steel and shall be welded securely to the clamp half. All clamp halves shall be zinc plated, yellow dichromate coated and phosphate coated before being TGIC (triglycidyl isocyanurate) polyester powder coated. Tamper-resistant fasteners shall be used to retain clamps and shall consist of M10 six lobe socket head stainless steel cap screws and M10 slab-base Tee nuts. All clamps shall be provided with aluminum hammer drive pins to protect against slippage.

2.3.10 All Steel Tube Components shall comply with ASTM standards: A-500, or A-513. The steel tube components contain five layers including an inside galvanized coating, high tensile strength cold formed steel, hot dipped pure zinc meeting ASTM B-6 applied at 3.5 tenths of an once per square foot, and a proprietary conversion and advanced polymer coatings. The components are freed of excess weld spatter and shall be cleaned in a multiple bath system which shall include a rust-inhibiting iron phosphate wash prior to painting. Exceptions: 127 mm (5") O.D. aluminum posts.

2.3.11 Brackets shall be fabricated from punched and formed 4.5 mm pre-galvanized sheet steel.

2.3.12 Gaskets shall be rubber injection molded from ultraviolet (U.V.) protected synthetic rubber. Rubber gaskets shall provide an aesthetic seal around the wonder fastener and bracket.

2.3.13 Footing for 127 mm (5") diameter upright posts shall be 305 mm (12") diameter x 940 mm (37") depth. Galvanized steel posts shall be 127 mm (5") O.D., 11-gauge pre-galvanized round tubing. Minimum tensile strength shall be 330MPa (48,000 psi). Minimum yield point shall be 310MPa (45,000 psi). The bottom portion of all upright posts shall be crimped slightly.

2.3.14 Component Specifications:

2.3.14.1 PB WILD AND WAVY RUNG CLIMBERS shall be fabricated from 48.3 mm (1.90") O.D. and 33.4 mm (1.315") pre-galvanized steel tubing. The climber shall

be an all-welded construction. Enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 3 mm (11-gauge) pre-galvanized sheet steel. After fabrication all parts shall be painted per PPLT PAINT Specification.

2.3.14.2 360Âº SPIRAL SLIDE (U.S. Patent #D335,517) WITH HOOD shall be two piece with a seamless bedway, rotationally molded per PPLT ROTO Specification. Slide side rails shall be a minimum of 355 mm (14") high from the slide surface. Center post shall be 89 mm (3.5") pre-galvanized tubing. Spiral slide shall provide a full 360Â° of rotation. Slide transition decks shall be fabricated from punched sheet steel and shall cover a minimum of 0.7 square meters (1,080 square inches) of top surface. This assembly shall be coated per PPLT PVC Specification. Slide enclosures shall be fabricated from 33 mm (1.315") O.D. and 3/4" X 1" FSO pre-galvanized steel tubing. Slide enclosures shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. All steel components shall be painted per PPLT PAINT Specification.

2.3.14.3 7 STONE CLIMBER pods shall be rotationally molded per PPLT ROTO Specification and mounted on a weldment constructed from 89mm (3.5") O.D., 48 mm (1.875") O.D., & 33mm (1.313") O.D. pre-galvanized tubing. Side rails shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing, 3 mm (11-gauge) pre-galvanized sheet steel and 4.5 mm (7-gauge) sheet steel. After fabrication all steel parts shall be painted per PPLT PAINT Specification.

2.3.14.4 ACTIVITY PANEL INSERTS shall be fabricated from a combination of routed high-density polyethylene, 4.7mm (3/16") screen printed polycarbonate, and 6.35mm (1/4") mirrored polycarbonate. The hardware used shall be stainless steel and tamper resistant.

2.3.14.5 BEATBLOCKS PANEL shall be constructed from 19mm (3/4") thick high density polyethylene sheet. Support shall be constructed from 33mm (1.315") O.D. and 25mm (1") O.D. pre-galvanized steel tubing welded to 7ga. (4.5mm) thick plates and painted per PPLT PAINT Specification.

2.3.14.6 BOINGO DRUM shall be rotationally molded per PPLT ROTO Specification. Support ring shall be constructed from 19mm (3/4") thick high density polyethylene sheet. Support shall be constructed from 33mm (1.315") O.D. pre-galvanized steel tubing welded to 7ga. (4.5mm) thick plates and painted per PPLT PAINT Specification.

2.3.14.7 BUBBLE PANEL shall be fabricated per PPLT ROTO Specification. Bubble shall be fabricated from 6 mm (.25") thick, an extremely tough, impact resistant Polycarbonate material (Lexan) and shall be optically clear. The bubble panel shall be attached to the Lexan bubble to provide an enclosure and attached with 7-gauge panel brackets painted per PPLT PAINT Specification.

2.3.14.8 COLORED KICK PLATE AND DECK TO DECK ACTIVITY PLATES shall be fabricated from 13-gauge (2.3 mm) pre-galvanized sheet steel for the 8", 12", and 16" models and shall have fun faces laser cut into them. The 24", 28", and 32" models shall be fabricated from 11-gauge (3.0 mm) pre-galvanized sheet steel. After fabrication, deck to deck plates shall be painted per PPLT PAINT Specification. 24", 28" and 32" plates shall have grooves cut into them with optional slider "Parachute/shapes" fabricated from CNC Routed high density polyethylene sheet.

2.3.14.9 CRAWL TUNNELS shall have an approximate internal diameter area of 762 mm (30"). Tunnel and panel shall be rotationally molded per PPLT ROTO Specification.

2.3.14.10 DOUBLE WIDE SLIDES shall be rotationally molded per PPLT ROTO Specification. Plastic double wide slide sides shall be 203 mm (8") high from the slide surface and slide bedway shall be designed with a 406 mm (16") minimum width. Double wide slide shall be a one-piece design with a center divider having no seams, joints or gaps. Slide end support shall be fabricated from 38 mm (1.5") square tubing. Mid support shall be fabricated from 60.3 mm (2.37") tubing. All steel tubing shall be painted per PPLT PAINT Specification.

2.3.14.11 ELBOW SLIDES side rails shall be a minimum of 229 mm (9") high from the slide surface. Slide and Slide Enclosure shall be rotationally molded per PPLT ROTO Specification. Slide end support shall be fabricated from 38 mm (1.5") square tubing. All steel tubing shall be painted per PPLT PAINT Specification.

2.3.14.12 GENERATION SWING SEATs shall be rotationally molded from linear low-density polyethylene with molded in graphics per PPLT ROTO Specification. Swing chains shall be 4/0 straight link galvanized steel coated per PPLT PVC Specification.

2.3.14.13 Identification label shall be fabricated from aluminum sheet .016" (4 mm) thick and attached with aluminum pop rivets.

2.3.14.14 INFINITY CLIMBER BOOMERANG climbers shall be rotationally molded per PPLT ROTO Specification. The Support posts shall be fabricated from 88.9mm (3.5") 11-gauge pre-galvanized tubing with 11-gauge pre-galvanized sheet steel tabs. Enclosure shall be fabricated from 33.4 mm (1.312") O.D. and 42.2 mm (1.66") O.D. pre-galvanized steel tubing with 11-gauge pre-galvanized sheet steel tabs. The Support posts and Enclosures shall be painted per PPLT PAINT Specification.

2.3.14.15 KID TIMBERS® ADA RAMP (black) shall be rotationally molded from 100 percent pre-consumer recycled polyethylene with ultraviolet (UV) light stabilizers and color molded in. Steel run-out is fabricated from 11-gauge hot-rolled sheet steel and shall be coated per PPLT PVC Specification.

2.3.14.16 KID TIMBERS® LOOSE FILL BORDER PANELS (black) shall be rotationally molded from 100 percent pre-consumer recycled polyethylene with ultraviolet (UV) light stabilizers and color molded in. Borders shall

have three through holes for anchor stakes drilled through the part. The holes for the anchor stakes shall have a recess 16 mm (.614") deep to allow for the head of the stake to be below the top surface. The overall size of the loose fill border panel shall be 127 mm (5") wide x 1956 mm (77.0") long x 304 mm (12") high and 127 mm (5") wide x 737 mm (29.0") long x 304 mm (12") high. Borders shall have a 13 mm (.5") radius on all outer edges and shall assemble in 1.8 m (6') and 610 mm (2â€™) increments. The anchor stakes shall be 19 mm (.75") in diameter x 762 mm (30") long and shall have a ring shank to aid in keeping the stake from backing out. Anchor stakes shall have a rounded head and a semi-core point and shall be hot dip galvanized after fabrication. Borders shall be black in color and may have a certain amount of color variation due to the blending of the pre-consumer recycled resin.

2.3.14.17 MIRROR PANEL mirror shall be fabricated from Type 304, 16-gauge, No. 2 bright annealed stainless steel. The mirror shall be attached to a panel rotationally molded per PPLT ROTO Specification. Panel mounting brackets shall be fabricated from 7-gauge pre-galvanized sheet steel. After fabrication, all steel components except mirror shall be painted per PPLT PAINT Specification.

2.3.14.18 PB ACTIVITY PANEL FRAME shall be fabricated from routed 19 mm (3/4") high density polyethylene. Mounting tabs shall be fabricated from pre-galvanized 4.5 mm (.18") 7-gauge sheet steel. Hardware used shall be stainless steel and tamper resistant. All steel shall be painted per PPLT PAINT Specification.

2.3.14.19 PB Balcony Decks w Handrails: Decks shall be fabricated from 11-gauge hot rolled steel which shall be punched, formed, and welded. This assembly shall be coated per PPLT PVC Specification. Handrails shall be fabricated from 33.4 mm (1.3") and 25.4 mm (1") x 19 mm (3/4") obround pre-galvanized steel tubing and 11 ga pre-galvanized sheet steel with laser cut detailing and shall be an all-welded construction. Handrails shall be painted per PPLT PAINT Specification.

2.3.14.20 PB CULVERT CLIMBER pods shall be made from pre-galvanized 305 mm (12") 16ga corrugated metal pipe and shall be welded to plates made from 7 ga and 11 ga pre-galvanized sheet steel. The top of the pods shall be covered with CNC routed HPDE. Handrails (when necessary) shall be fabricated from 42.2 mm (1.7") O.D. pre-galvanized tubing. Enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 3 mm (11 ga) pre-galvanized sheet steel. All steel components shall be painted per PPLT PAINT specification.

2.3.14.21 PB Telescope Panels shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing, 19mm X 25.4mm obround pre-galvanized steel tubing, and laser cut plates fabricated from 3.0mm (11-gauge) pre-galvanized sheet steel. Telescopes shall be molded per PPLT ROTO Specification. Panels shall be painted per PPLT PAINT Specification.

2.3.14.22 PB WEATHER PANEL shall be fabricated from 33.4 mm (1.312") O.D. and 25.4 mm (1") O.D. pre-galvanized steel tubing. Panel and side plates shall be fabricated from 3 mm (11-gauge) sheet steel. Assembly shall contain a specific weather activity insert assembled from various thickness of compression molded polyethylene and polycarbonate routed with various weather activities. Prior to assembly, the panel shall be painted per PPLT PAINT Specification.

2.3.14.23 REVOLUTION INCLUSIVE SPINNERS shall consist of an approx. 8' diameter rotational molded body that features many styles of seating and standing locations. The body and central hub shall be rotationally molded per PPLT ROTO Specification. The body shall be pre-assembled with upper and lower ball bearings mounted into laminated sheet, HDPE 3/4" thick, with bottom cover constructed of 11 ga. sheet. The post assembly shall comprise a top friction plate, half bottom friction plate, post weldment, spring, half bottom cover plate and connector stub. Top friction plate, half bottom friction plate and half bottom cover plate shall be constructed of laminated sheet, HDPE, 3/4" thick. Post weldment shall comprise a post bottom, post shaft, bottom post plate and post friction plate. Post bottom shall be constructed of 5" tube, 11 ga., post shaft will be constructed of round, 2-3/4" tube, and bottom post plate and post friction plate shall be constructed of 3/8" black sheet steel. All steel components shall be painted per PPLT PAINT Specification.

2.3.14.24 SAFETY RAIL shall be fabricated from 33 mm (1.315") O.D. and 3/4" X 1" FSO pre-galvanized tubing with 3 mm (11-gauge) pre-galvanized sheet steel. The Safety Rails provide a non-climbable enclosure and shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. Deck mounted safety rails shall have a bottom plate fabricated from 3 mm (11-gauge) pre-galvanized sheet steel. The vertical rungs of safety rails shall be flattened prior to welding to the horizontal top and bottom bar or plate and shall be welded continuously around the entire perimeter. After fabrication, all steel components shall be painted per PPLT PAINT Specification.

2.3.14.25 SLIDING POLE shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel pipe. Enclosure shall be fabricated from 33 mm (1.315") O.D. and 3/4" X 1" FSO pre-galvanized steel tubing. After fabrication all components shall be painted per PPLT PAINT Specification.

2.3.14.26 SQUARE VINYL CLAD METAL DECK shall cover a minimum of 1.03 square meters (1,596 square inches) of top surface area. Metal decks shall be fabricated from punched and formed 11-gauge hot rolled sheet steel. This assembly shall be coated per PPLT PVC Specification.

2.3.14.27 STEEL POST shall be 89 mm (3.5") O.D., 11-gauge pre-galvanized round tubing. M Minimum tensile strength shall be 380MPa (55,000 psi). Minimum yield point shall be 345MPa (50,000 psi). Plastic caps shall be positioned in the top of each post. Posts shall be painted per PPLT PAINT Specification.

2.3.14.28 The harness is comprised of stainless-steel swivel hooks that are sewn to 1" black nylon webbing straps with black thread. A male and female black acetal plastic buckle is used to attach the upper and lower portions of the harness. The swivel hooks attach to 316 stainless steel anchor points secured with stainless steel ratcheting channels and steel fasteners.

2.3.14.29 THE INCLUSIVE SWING SEAT shall be rotationally molded from linear low-density polyethylene with molded in graphics. Attached to the seat is a reinforced polyurethane rubber bumper. The sliding latch mechanism is constructed from 6061 machined aluminum. Swing chains shall be 4/0 straight link galvanized steel.

2.3.14.30 The plastic panel shall be molded per PPLT ROTO Specification. Panel mounting brackets shall be fabricated from 7-gauge, pre-galvanized sheet steel and dichromate washed. After fabrication, all steel components shall be painted per PPLT PAINT Specification

2.3.14.31 TILTED ROCK CHALLENGE WALL shall be constructed of high-density polyethylene sheets. The hand grips shall be molded from a plastic resin. The steel wall and feet supports are fabricated from pre-galvanized 42.2 mm (1.625") diameter steel tubing welded with 11-gauge pre-galvanized steel brackets. Safety Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 3 mm (11-gauge) pre-galvanized sheet steel. After fabrication all parts except wall boards and hand grips shall be painted per PPLT PAINT Specification.

2.3.14.32 TRANSFER STATION WITH SAFETY RAIL shall consist of two triangular decks and step assemblies for the handrails. Each triangular deck shall be fabricated from 13-gauge sheet steel, covering .37 square meters (575 square inches) and have three 25 x 152 mm (1" x 6") hand slots incorporated into the deck surface for aid in user transition. The step assemblies provide access from the transfer decks to a 915 mm (36"), 1016 mm (40"), 1220 mm (48"), 1422 mm (56"), 1625 mm (64") deck height. Each step shall have a tread depth of 406 mm (16") and a tread width of 953 mm (37.5"), with each rise 203 mm (8") or less. Each step assembly shall have an all-welded construction from 13-gauge sheet steel. Each step assembly and Transfer Deck shall be coated per PPLT PVC Specification. Transfer Station handrails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized, 14-gauge tubing and 3/4" X 1" FSO pre-galvanized tubing. Safety rails shall provide an enclosure and shall have no gaps greater than 80 mm (3.15") and less than 254 mm (10"), especially between vertical rungs and posts. Transfer Station loops shall be fabricated from 42.2 mm (1.66") O.D., pre-galvanized, 13-gauge tubing. All welded handrail assemblies shall be painted per PPLT PAINT Specification.

2.3.14.33 VERTICAL POD CLIMBERS shall be fabricated from 42.2 mm (1.66") x 11-gauge pre-galvanized steel tubing. Plates shall be fabricated from 3 mm (.12") sheet steel. Pods shall be fabricated from E.P.D.M. 50 duro rubber with a steel insert molded inside. Enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 3 mm (11-

gauge) pre-galvanized sheet steel. After fabrication all steel parts shall be painted per PPLT PAINT Specification.

2.3.14.34 VINYL CLAD HALF DECK shall cover a minimum of .52 square meters (798 square inches) of top surface area. Metal decks shall be fabricated from punched and formed 11-gauge hot rolled sheet steel. This assembly shall be coated per PPLT PVC Specification.

2.3.14.35 VINYL CLAD TRIANGLE DECK shall cover a minimum of .45 square meters (680 square inches) of top surface area. Metal decks shall be fabricated from punched and formed 11-gauge hot rolled sheet steel. This assembly shall be coated per PPLT PVC Specification.

2.3.14.36 WAVE SLIDE WITH HOOD enclosure shall be rotationally molded per PPLT ROTO Specification. Plastic slide side rails shall be a minimum of 203 mm (8") high from the slide surface and slide bedway shall be designed with a 406 mm (16") minimum width. The slide bed shall be one-piece with no seams or joints. Slide end support shall be fabricated from 38 mm (1.5") square tubing. Mid support shall be fabricated from 60.3 mm (2.37") O.D. tubing. All steel components shall be painted per PPLT PAINT Specification.