

**State of West Virginia  
Department of Administration  
Purchasing Division**

**NOTICE**

Due to the size of this bid, it was impractical to scan every page for online viewing. We have made an attempt to scan and publish all pertinent bid information. However, it is important to note that some pages were necessarily omitted.

If you would like to review the bid in its entirety, please contact the buyer. Thank you.

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State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
 Post Office Box 50130  
 Charleston, WV 25305-0130

# Request for Quotation

RFQ NUMBER
DNR210030

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF:
KRISTA FERRELL 304-558-2596

VENDOR

\*A09113539      804-798-6842  
 VIRGINIA PLAYGROUND SERVICES I  
 14276 RIVERSIDE DR  
 ASHLAND VA 23005

SHIP TO

DIVISION OF NATURAL RESOURCES  
 NORTH BEND STATE PARK  
 ATTN: PARK SUPERINTENDENT  
 ROUTE 1, BOX 221  
 CAIRO, WV 26337      304-643-2931

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
08/30/2009				

BID OPENING DATE: **09/17/2009**      BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		650-38		<b>\$47,180<sup>00</sup></b>
<p>PLAYGROUND EQUIPMENT NORTH BEND STATE PARK</p> <p>REQUEST FOR QUOTATION (RFQ)</p> <p>THE WEST VIRGINIA PURCHASING DIVISION, FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES IS SOLICITING BIDS FROM RESPONSIBLE VENDORS FOR NEW PLAYGROUND EQUIPMENT FOR NORTH BEND STATE PARK PER THE ATTACHED SPECIFICATIONS.</p> <p>TECHNICAL QUESTIONS MUST BE SUBMITTED TO KRISTA FERRELL IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA MAIL AT THE ADDRESS SHOWN IN THE BODY OF THIS RFQ, VIA FAX AT 304-558-4115, OR VIA EMAIL AT KRISTA.S.FERRELL@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS 09/08/2009 AT THE CLOSE OF BUSINESS. ALL TECHNICAL QUESTIONS RECEIVED, IF ANY, WILL BE ANSWERED BY ADDENDUM AFTER THE DEADLINE HAS LAPSED.</p> <p>QUESTIONS CONCERNING THE PROCESS BY WHICH A VENDOR MAY SUBMITTED AT ANY TIME PRIOR TO THE BID OPENING AND IN ANY FORMAT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT MAY BE DEEMED NULL AND VOID, AND TERMINATED WITHOUT FURTHER ORDER.</p> <p>THE MODEL/BRAND/SPECIFICATIONS NAMED HEREIN ESTABLISH</p>						

RECEIVED  
 DIVISION OF NATURAL RESOURCES  
 STATE OF WV  
 SEP 17 A 9:59

SEE REVERSE SIDE FOR TERMS AND CONDITIONS			
SIGNATURE	TELEPHONE	DATE	
<i>W.A. Benedict</i>	204-486-9178	9-17-09	
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE	
AGENT	20-486-9178		

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS**  
**REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125 fee.
5. All services performed or goods delivered under State Purchase Order/Contracts are to be continued for the term of the Purchase Order/Contracts, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, the State may deem this contract null and void, and terminate such contract without further order.
14. **HIPAA BUSINESS ASSOCIATE ADDENDUM:** The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Cover Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.
15. **WEST VIRGINIA ALCOHOL & DRUG-FREE WORKPLACE ACT:** If this Contract constitutes a public improvement construction contract as set forth in Article 1D, Chapter 21 of the West Virginia Code ("The West Virginia Alcohol and Drug-Free Workplace Act"), then the following language shall hereby become part of this Contract: "The contractor and its subcontractors shall implement and maintain a written drug-free workplace policy in compliance with the West Virginia Alcohol and Drug-Free Workplace Act, as set forth in Article 1D, Chapter 21 of the West Virginia Code. The contractor and its subcontractors shall provide a sworn statement in writing, under the penalties of perjury, that they maintain a valid drug-free work place policy in compliance with the West Virginia and Drug-Free Workplace Act. It is understood and agreed that this Contract shall be cancelled by the awarding authority if the Contractor: 1) Fails to implement its drug-free workplace policy; 2) Fails to provide information regarding implementation of the contractor's drug-free workplace policy at the request of the public authority; or 3) Provides to the public authority false information regarding the contractor's drug-free workplace policy."

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**INSTRUCTIONS TO BIDDERS**

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in case of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications: Department of Administration, Purchasing Division, 2019 Washington Street East, P.O. Box 50130, Charleston, WV 25305-0130



State of West Virginia  
 Department of Administration  
 Purchasing Division  
 2019 Washington Street East  
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ADDRESS CORRESPONDENCE TO ATTENTION OF:  
**KRISTA FERRELL  
 304-558-2596**

VENDOR

\*A09113539      804-798-6842  
 VIRGINIA PLAYGROUND SERVICES I  
 14276 RIVERSIDE DR  
 ASHLAND VA 23005

SHIP TO

DIVISION OF NATURAL RESOURCES  
 NORTH BEND STATE PARK  
 ATTN: PARK SUPERINTENDENT  
 ROUTE 1, BOX 221  
 CAIRO, WV  
 26337      304-643-2931

DATE PRINTED <b>08/30/2009</b>	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
BID OPENING DATE: <b>09/17/2009</b> BID OPENING TIME <b>01:30PM</b>				

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>THE ACCEPTABLE LEVEL OF QUALITY ONLY AND ARE NOT INTENDED TO REFLECT A PREFERENCE OR FAVOR ANY PARTICULAR BRAND OR VENDOR. VENDORS WHO ARE BIDDING ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALTERNATES MAY BE GROUNDS FOR REJECTION OF THE BID. THE STATE RESERVES THE RIGHT TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS.</p> <p>VENDORS MUST PROVIDE UNIT PRICES FOR ALL LINE ITEMS. FAILURE TO PROVIDE UNIT PRICES WILL RESULT IN THE DISQUALIFICATION OF THE VENDORS BID.</p> <p>VENDORS MUST SUBMIT ALL UNIT PRICES IN THE UNIT OF MEASURE REQUESTED BY THE AGENCY. FAILURE TO PROVIDE UNIT PRICES IN THE GIVEN UNIT OF MEASURE WILL RESULT IN THE DISQUALIFICATION OF THE VENDOR'S BID.</p> <p>VENDORS MUST SUBMIT PRICING ON THE PRICING SHEET PROVIDED IN THIS REQUEST FOR QUOTATION. FAILURE TO USE THIS FORM WILL RESULT IN THE DISQUALIFICATION OF THE VENDOR'S BID.</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION          PURCHASING DIVISION          BUILDING 15          2019 WASHINGTON STREET, EAST          CHARLESTON, WV 25305-0130</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
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BID OPENING DATE: **09/17/2009**      BID OPENING TIME **01:30PM**

LINE	QUANTITY	UOP	CAT NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
<p>THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED:</p> <p>SEALED BID</p> <p>BUYER: KRISTA FERRELL-FILE 21</p> <p>RFQ. NO.: DNR210030</p> <p>BID OPENING DATE: 09/17/2009</p> <p>BID OPENING TIME: 1:30 PM</p> <p>PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID:</p> <p>----- <b>434 2963289 (FAX)</b> -----</p> <p>CONTACT PERSON (PLEASE PRINT CLEARLY):</p> <p>----- <b>JIM BENEDICT</b> -----</p> <p>----- <b>(CELL) 434 2492158</b> -----</p>						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
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TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE
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LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** THIS IS THE END OF RFQ DNR210030 ***** TOTAL:						_____

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

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WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**WVDNR210030**  
**North Bend State Park**  
**Playground Equipment**

To supply playground equipment to offer play activities for children ages five (5) to twelve (12) at North Bend State Park, Cairo, West Virginia. Playground equipment will be purchased for two separate areas in the park. Park personnel will install all playground equipment. The award may be split if it is in the best interest of the West Virginia Division of Natural Resources. All items must be F.O.B. Destination. Freight or delivery charges must be included in the price of the goods. Delivery must be made within thirty (30) days of purchase order award.

**RECREATION AREA PLAYGROUND**

PowerScape plus Fitness Fair, Item #85214, or equal. Structure must include the following components:

- One (1) stepped platform or equal. Platform must be constructed of a minimum 11 gauge punched steel.
- One (1) double wilder slide or equal. Must be constructed of color impregnated linear low density polyethylene.
- One (1) zip slide or equal. Must be constructed of color impregnated linear low density polyethylene.
- One (1) crunch bar or equal. Bar must be constructed of galvanized steel tubing.
- One (1) wavy tree climber or equal. Climber must be one-piece welded assembly.
- One (1) ADA gizmo panel or equal. Panel must be a minimum of 2 ½" in thickness.
- Two (2) slate roof or equal. Roof must be one-piece and constructed of double-wall rotationally molded linear low-density polyethylene.
- One (1) wishbone slide or equal. Slide must be constructed of color impregnated linear low density polyethylene.
- One (1) giant wave climber or equal. Climber must be constructed of color impregnated linear low density polyethylene.
- One (1) overhead ladder access package or equal.

**WVDNR210030  
North Bend State Park  
Playground Equipment**

- One (1) triangle transfer platform or equal. Platform must have a one-piece welded assembly.
- One (1) arch bridge or equal. Bridge must be fabricated from punched steel.
- One (1) flip slide with universal hood or equal. Slide must be constructed of color impregnated linear low density polyethylene.
- One (1) rockwall climber or equal. Climber must frame assembly must be an all-welded construction.
- One (1) cargo net wall attachment (single and double) or equal.
- One (1) overhead tree climber or equal. Climber must be all-welded construction.
- One (1) track ride or equal. Track ride must have an aluminum track system.
- One (1) challenge station base or equal. Main climber must be all-welded construction.
- One (1) crazy eight climber or equal. Climber must be all-welded construction.
- One (1) poly climbing wall or equal. Wall must be constructed of color impregnated polyethylene.
- One (1) clover climber or equal. Climber must be a one-piece welded assembly
- One (1) 8' cosmix climber or equal. Climber must be one-piece with color impregnated linear low density polyethylene.
- One (1) bubble climber or equal. Climber must be all welded construction.
- One (1) cargo net wall attachment or equal. Cargo net assembly must be constructed of galvanized welded link chain.

PrimeTime swing, Item #12583, or equal. Top rail and arch must have a minimum 3 ½ " OD; arch must be a minimum of 11 gauge galvanized steel tubing; must include a minimum of 3 ½ " OD galvanized steel sleeve; must be polyester powder coat; must be a minimum of 8 foot high with finished surface; must have a minimum of a 12 foot top rail; and must accommodate two (2) free standing swings.



**WVDNR210030  
North Bend State Park  
Playground Equipment**

PrimeTime swing add-a-bay, Item #12584, or equal. Top rail and arch must have a minimum 3 ½ " OD; arch must be a minimum of 11 gauge galvanized steel tubing; must include a minimum of 3 ½ " OD galvanized steel sleeve; must be polyester powder coat; must be a minimum of 8 foot high with a finished surface; must have a minimum of a 12 foot top rail; and must accommodate two (2) free standing swings.

PrimeTime tot seat package 3 ½" OD, Item #8696, or equal. Package must include all hardware necessary to attach seat to a minimum of a 3 ½ " top rail.

PrimeTime swing belt seat package 3 ½" OD, item #8910, or equal. Package must include all hardware necessary to attach to a minimum of a 3 ½ " top rail.

GameTime tuffclad 6' bench with back in-ground (PS), Item #28009, or equal. Bench must have a minimum of 2 3/8 " OD galvanized powder coat; and seat bench and back must have punched steel with a plastic coating.

One (1) day of supervision by successful vendor. Park personnel will install all playground equipment and this will provide oversight to ensure that all equipment is assembled and installed properly according to manufacturer's guidelines.

**LODGE AREA PLAYGROUND**

PrimeTime kid coral, Item #g11823, or equal. Structure must include the following components:

- One (1) crunch bar or equal. Bar must be constructed of galvanized steel tubing.
- One (1) nature panel or equal. Panel must be a minimum of 2 ½" in thickness
- One (1) transfer point with access attachment or equal. Must be constructed of a minimum of 11 gauge punched steel.
- One (1) wallcano vert wall climber or equal. Climber must be constructed of color impregnated rotationally molded linear low density polyethylene.
- One (1) slate roof or equal. Roof must be one-piece and constructed of double-wall rotationally molded linear low-density polyethylene.
- One (1) mini arch bridge or equal. Bridge must be fabricated from punched steel.

**WVDNR210030  
North Bend State Park  
Playground Equipment**

- One (1) clover leaf climber or equal. Climber must be one-piece welded assembly
- One (1) double zip slide or equal. Slide must be constructed of color impregnated linear low-density polyethylene.
- One (1) ADA gizmo panel with three (3) gizmos or equal. Panel must be a minimum of 2 ½" in thickness.
- One (1) double steering wheel enclosure or equal. Steering wheel must withstand an impact of a minimum of 250 foot-pounds.

PrimeTime swing, Item #12583, or equal. Top rail and arch must have a minimum 3 ½ " OD; arch must be a minimum of 11 gauge galvanized steel tubing; must include a minimum of 3 ½ " OD galvanized steel sleeve; must be polyester powder coat; must be a minimum of 8 foot high with finished surface; must have a minimum of a 12 foot top rail; and must accommodate two (2) free standing swings.

PrimeTime swing add-a-bay, Item #12584, or equal. Top rail and arch must have a minimum 3 ½ " OD; arch must be a minimum of 11 gauge galvanized steel tubing; must include a minimum of 3 ½ " OD galvanized steel sleeve; must be polyester powder coat; must be a minimum of 8 foot high with a finished surface; must have a minimum of a 12 foot top rail; and must accommodate two (2) free standing swings

PrimeTime swing belt seat package 3 ½" OD, item #8910, or equal. Package must include all hardware necessary to attach to a minimum of a 3 ½ " top rail.

PrimeTime tot seat package 3 ½" OD, Item #8696, or equal. Package must include all hardware necessary to attach seat to a minimum of a 3 ½ " top rail.

GameTime tuffclad 6' bench with back in-ground (PS), Item #28009, or equal. Bench must have a minimum of 2 3/8" OD galvanized powder coat; and seat bench and back must have punched steel with a plastic coating.

One (1) day of supervision by successful vendor. Park personnel will install all playground equipment and this will provide oversight to ensure that all equipment is assembled and installed properly according to manufacturer's guidelines.

### WVDNR210030 North Bend State Park Playground Equipment

All playground equipment and engineered wood fiber must meet the following requirements:

*YES*  
*SEE THE LETTER AND SPECIFICATIONS*

- ✓  Compliance with U.S. Consumer Product Safety Commission, Handbook for Public Playground Safety.
- ✓  Compliance with ASTM Standard F 1487.
- ✓  Compliance with Architectural and Transportation Barriers Compliance Board, Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities; Play Areas.
- ✓  Compliance with Consumer Product Safety Improvement Act (CPSIA) Section 101 lead limits.

Vendors must submit the following attachments:

*YES*  
*YES*  
*YES*

*SEE ENCLOSURES*

- Complete manufacturer's parts specifications and warranties.
- Layout drawing to scale of the proposed play structure or equipment.
- ASTM and CPSC Statement of Compliance

*SEE LETTER*  
*SEE SPECIFICATIONS*

Warranties:

- All equipment and engineered wood fiber must be guaranteed to be free of defects in workmanship and material for a minimum of one year from date of acceptance. However, if manufacturer warranty periods are longer than the required minimum one year warranty, those warranties shall apply.

Color scheme of equipment must be coordinated with North Bend State Park. Color of items will be selected from manufacturer's standard colors.

*SEE COLOR RENDERINGS*  
*BROWN, TAN, GREEN*

WVDNR210030

North Bend State Park

**PLAYGROUND EQUIPMENT SHEET**

Please complete the below information concerning the brand(s) of equipment being bid in relation to this project. If bidding "or equal" brands, please attach manufacturer's literature documenting that it meets the mandatory requirements stated in the specifications. Vendors should note the areas of the provided manufacturer's literature that adheres to the mandatory requirements outlined in the Request For Quotation.

OUR BID AS EQUAL WITH VIRGINIA PLAYGROUND SERVICE AND LITTLE TIKES COMMERCIAL

Item No.	Equipment	Manufacturer	Item
1	Recreation Area Playground PowerScape plus Fitness Fair, Item #85214, or equal.	LITTLE TIKES COMMERCIAL LTC	SEE PLAN VIEW 741296 MODEL
	One (1) stepped platform or equal. gauge punched steel.	LTC	STEP DECK W/RAILS # 200125612
	One (1) double wilder slide or equal.	LTC	2 EACH DURABLE SLIDE # 200069491
	One (1) zip slide or equal.	LTC	# 200202105
	One (1) crunch bar or equal.	LTC	# 200007019
	One (1) wavy tree climber or equal.	LTC	SNAKE POLE # 200006998
	One (1) ADA gizmo panel or equal.	LTC	KEY TAP/TUNE PANEL 200200149
	Two (2) slate roof or equal.	LTC	# 200007137
	One (1) wishbone slide or equal.	LTC	# 200006977
	One (1) giant wave climber or equal.	LTC	DECK STEP CLIMBER # 200066522
	One (1) overhead ladder access package or equal.	LTC	OVERHEAD STEP DECK # 200065763
	One (1) triangle transfer platform or equal.	LTC	ADA TRANSFER # 200006944
	One (1) arch bridge or equal.	LTC	# 200006961
	One (1) flip slide with universal hood or equal.	LTC	WAVE SLIDE # 200006981
	One (1) rockwall climber or equal.	LTC	STEPPING STONES # 200092591
	One (1) cargo net wall attachment (single and double) or equal.	LTC	# 200201119 # 200201118 COMBINED NET CLIMBER
	One (1) overhead tree climber or equal.	LTC	OFF LOOP LADDER # 200070378
	One (1) track ride or equal.	LTC	# 200007036

North Bend State Park

PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Item
	One (1) challenge station base or equal.	LITTLE TREES COMMERCIAL LTL	HEX DECK PLATFORM #200006938
	One (1) crazy eight climber or equal.	LTL	ACCORDIAN CLIMBER #200200466
	One (1) poly climbing wall or equal.	LTL	CLIFF CLIMB #200018076
	One (1) clover climber or equal.	LTL	#200200266
	One (1) 8' cosmix climber or equal.	LTL	CONVEX INFINITY CLIMB #200200180
	One (1) bubble climber or equal.	LTL	#200200000
	One (1) cargo net wall attachment or equal.	LTL	CHAIN NET ATTACHMENT #200200118
2	Recreation Area Playground PrimeTime swing frame, Item #12583, or equal.	LTL	SWING BAY ARCH #200122459
3	Recreation Area Playground PrimeTime swing add-a-bay, Item #12584, or equal.	LTL	ADD A BAY ARCH #200122484
4	Recreation Area PrimeTime tot seat package 3 1/2" OD, Item #8696, or equal.	LTL	BUCKET TOT SEAT #200160712
5	Recreation Area Playground PrimeTime swing belt seat package 3 1/2" OD, item #8910, or equal.	LTL	BELT SEAT #200160711
6	Recreation Area Playground GameTime tuffclad in-ground bench, Item #28009, or equal.	LTL	6FT BENCH PULCOATED #100009366
7	Recreation Area Playground one (1) day of supervision by successful vendor. Park personnel will install all playground equipment and this will provide oversight to ensure that all equipment is assembled and installed properly according to manufacture's guidelines.	LTC/VPS	LTC/VPS FACTORY APPROVED FACTORY EXPERT MAN
8	Lodge Area Playground PrimeTime kid coral, Item #g11823, or equal.	LTL	SEE DRAWING PLAY #1785741 VIEW
	One (1) crunch bar or equal.	LTL	

## North Bend State Park

## PLAYGROUND EQUIPMENT SHEET

Item No.	Equipment	Manufacturer	Item
	One (1) nature panel or equal.	LTC	ANIMAL MATCH # 20020061 PANEL
	One (1) transfer point with access attachment or equal.	LITTLE TIKES COMMERCIAL LTD	ADA STATION # 200200433
	One (1) wallcano vert wall climber or equal.	LTC	STONE CLIMBER ANGLE # 2000095001
	One (1) slate roof or equal.	LTC	# 200109105
	One (1) mini arch bridge or equal.	LTC	# 200200245
	One (1) clover leaf climber or equal.	LTC	LOOP LEAF CLIMBER # 200061703
	One (1) double zip slide or equal.	LTC	# 200200330
	One (1) ADA gizmo panel with three (3) gizmos or equal.	LTC	4 WHEEL TARIPTURE PANEL # 200200149
	One (1) double steering wheel enclosure or equal.	LTC	SAFETY RAIL - 2 WHEELS # 200054616
9	Lodge Area Playground PrimeTime swing frame, Item #12583, or equal.	LTC	SWING BAY ARCH # 200122459
10	Lodge Area Playground PrimeTime swing-a-bay, item #12584, or equal.	LTC	ADAPAY ARCH # 200122484
11	Lodge Area PrimeTime tot seat package 3 1/2" OD, Item #8696, or equal.	LTC	TOT SEAT PAGE 151 200160712
12	Lodge Area Playground PrimeTime swing belt seat package 3 1/2" OD, item #8910, or equal.	LTC	BELT SEAT PAGE 151 200160711
13	Lodge Area Playground GameTime tuffclad in-ground bench Item #28009, or equal.	LTC	PARK BENCH 6 FT PVC COATED 100000366 PAGE 151
14	Lodge Area Playground one (1) day of supervision by successful vendor. Park personnel will install all playground equipment and this will provide oversight to ensure that all equipment is assembled and installed properly according to manufacture's guidelines.	LTC/VPS	LTC/VPS FACTORY APPROVED EXPERT MAN

North Bend State Park Playground Equipment  
PRICING SHEET

Item No.	Quantity	Description	Unit Price	Amount
1	1	Recreation Area Playground PowerScape plus Fitness Fair, Item #85214, or equal.	31885 <sup>00</sup>	31885 <sup>00</sup>
2	1	Recreation Area Playground PrimeTime swing frame, Item #12583, or equal.	1225 <sup>00</sup>	1225 <sup>00</sup>
3	1	Recreation Area Playground PrimeTime swing add-a-bay, Item #12584, or equal.	960 <sup>00</sup>	960 <sup>00</sup>
4	2	Recreation Area PrimeTime tot seat package 3 1/2" OD, Item #8696, or equal.	50 <sup>00</sup> /ea	100 <sup>00</sup>
5	2	Recreation Area Playground PrimeTime swing belt seat package 3 1/2" OD, item #8910, or equal.	85 <sup>00</sup> /ea	170 <sup>00</sup>
6	4	Recreation Area Playground GameTime tuffclad in-ground bench Item #28009, or equal.	325 <sup>00</sup> /ea	1,300 <sup>00</sup>
7	1	Recreation Area Playground one (1) day of supervision by successful vendor. Park personnel will install all playground equipment and this will provide oversight to ensure that all equipment is assembled and installed properly according to manufacture's guidelines.	700 <sup>00</sup>	700 <sup>00</sup>
8	1	Lodge Area Playground PrimeTime kid coral, Item #g11823, or equal.	7360 <sup>00</sup>	7,360 <sup>00</sup>
9	1	Lodge Area Playground PrimeTime swing frame, Item #12583, or equal.	1225 <sup>00</sup>	1225 <sup>00</sup>
10	1	Lodge Area Playground PrimeTime swing-a-bay, item #12584, or equal.	960 <sup>00</sup>	960 <sup>00</sup>
11	2	Lodge Area Playground PrimeTime tot seat package 3 1/2" OD, Item #8696, or equal.	50 <sup>00</sup> /ea	100 <sup>00</sup>

North Bend State Park Playground Equipment  
PRICING SHEET

Item No.	Quantity	Description	Unit Price	Amount
12	2	Lodge Area Playground PrimeTime swing belt seat package 3 1/2" OD, item #8910, or equal.	85 <sup>00</sup> ea	170 <sup>00</sup>
13	1	Lodge Area Playground GameTime tuffclad in-ground bench Item #28009, or equal.	325 <sup>00</sup>	325 <sup>00</sup>
14	1	Lodge Area Playground one (1) day of supervision by successful vendor. Park personnel will install all playground equipment and this will provide oversight to ensure that all equipment is assembled and installed properly according to manufacture's guidelines.	700 <sup>00</sup>	700 <sup>00</sup>
			UNIT COST \$	
			TOTALS	
			EQUAL =	47,180 <sup>00</sup>
			<b>TOTAL</b>	

Forty Seven Thousand  
ONE HUNDRED EIGHTY DOLLARS.



STATE OF WEST VIRGINIA  
Purchasing Division

## PURCHASING AFFIDAVIT

### VENDOR OWING A DEBT TO THE STATE:

**West Virginia Code §5A-3-10a** provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

### PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the **West Virginia Code**. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the **West Virginia Code** and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the **West Virginia Code** may take place before their work on the public improvement is begun.

### ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will convey, sell, assign or transfer to the state of West Virginia all rights, title and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the state of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the state of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

### LICENSING:

Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities

### CONFIDENTIALITY:

The vendor agrees that he or she will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the agency's policies, procedures and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in <http://www.state.wv.us/admin/purchase/privacy/noticeConfidentiality.pdf>.

Under penalty of law for false swearing (**West Virginia Code §61-5-3**), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

Vendor's Name: VIRGINIA PLAYGROUND SERVICES  
Authorized Signature: [Signature] Date: 9-14-09

State of West Virginia  
**VENDOR PREFERENCE CERTIFICATE**

ation and application\* is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37 (Does not apply to  
 action contracts) **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid)  
 preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in  
 accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing  
 Division will make the determination of the Resident Vendor Preference, if applicable

**Application is made for 2.5% resident vendor preference for the reason checked:**

Bidder is an individual resident vendor and has resided continuously in West Virginia for four (4) years immediately preced-  
 ing the date of this certification; or,

Bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of  
 business continuously in West Virginia for four (4) years immediately preceding the date of this certification; or 80% of the  
 ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who has  
 maintained its headquarters or principal place of business continuously in West Virginia for four (4) years immediately  
 preceding the date of this certification; or,

Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents  
 and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4)  
 years immediately preceding the date of this certification; or,

**Application is made for 2.5% resident vendor preference for the reason checked:**

Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees  
 working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years  
 immediately preceding submission of this bid; or,

**Application is made for 2.5% resident vendor preference for the reason checked:**

Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an  
 affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a  
 minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the  
 employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state  
 continuously for the two years immediately preceding submission of this bid; or,

**Application is made for 5% resident vendor preference for the reason checked:**

Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,

**Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**

Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard  
 and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is  
 submitted; or,

**Application is made for 3.5% resident vendor preference who is a veteran for the reason checked:**

Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for  
 purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and  
 continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are  
 residents of West Virginia who have resided in the state continuously for the two immediately preceding years.

Bidder understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the  
 requirements for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty  
 against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency  
 or deducted from any unpaid balance on the contract or purchase order.

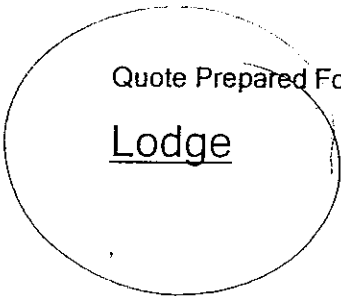
By submission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and  
 authorizes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid  
 the required business taxes, provided that such information does not contain the amounts of taxes paid nor any other information  
 deemed by the Tax Commissioner to be confidential

Under penalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true  
 and accurate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate  
 changes during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.

Bidder: \_\_\_\_\_ Signed: \_\_\_\_\_

Date: \_\_\_\_\_ Title: \_\_\_\_\_

Check any combination of preference consideration(s) indicated above, which you are entitled to receive.



Quote Prepared For:

Lodge

*PARTS LIST*

Project Name & Location:

North Bend Lodge  
Rt 1. Box 221. Cairo  
, WV

Prepared by:

Virginia Playground Services  
Jim Benedict  
14276 Riverside Drive  
Ashland, VA 23005  
1-434-249-2158(phone)  
1-434-296-3289(fax)  
jim@vaplaygrounds.com

### PlayArea 1

Product line: PlayBuilders  
Age group: 2-12  
Post type: Galv. 11ga / Plastic

#### Global defaults

Play Builder Accent Color	Tan
Play Builder Post Color	Green
PB Panel/Crawl Tunnel Color	Sport Red
PB Roof/Table Color	Tan
PB Slide Color	Tan
PB Vinyl Clr	Brown
Kid Builder Post Color	Green
Mount Option	Buried

#### Components

Part number	Description	Qty	Weight	Volume
200245768	ASSY RAIL MT.ALUM STEER.WHL. RED	1	2 00	0 08
200101175,	POST W/CAP F/PB 3990/157.1" **	8	448 00	8 00
100000366	BENCH PARK 6' BRN FRM VINYL TOP/348sta	1	116 00	0 00
200122501	SWING ARCH ADD-ON (8') W/2 TOT F/KB	1	249 00	8.00
200122457	SWING ARCH SGL. BAY (8') W/2 BELT F/KB	1	401 00	10 00
200200330	SLIDE DBL.WD.PLASTIC48"/1220MM PB (2004	1	167 00	70 00
200109105	PB SQUARE ROOF W/RD. HOLES	2	140 00	152 00
200200149	PANEL PB STEEL TAP-A-TUNE BELOW DECK	1	98 00	11 00
200054616	PB LONG SAFETY RAIL W/TAB MT	1	40 00	2 00
200200061	PB PANEL ARCH TOP "ANIMAL MATCH"	1	42 00	2 00
200061703	CLIMBER LOOP PB 48"/1220	1	79 00	42 00
200095001	PB 1220MM STONE CLIMBER	1	161 00	27 00
200200433	TRANSFER STATION 1220 MM PB_W/SAFE RLS.	1	368.00	33.00
<i>200245</i>	<i>ARCH BRIDGE - FB WITH</i>	<i>1</i>	<i>948.</i>	<i>195</i>

### Additional Items

200104305	LABEL AGE APP (2 TO 12 YRS )	2	0 00	0 00
200111492	LABEL, IDENTIFICATION STAMPED W/RIVETS	1	0 00	0 00
200011004	CRATE,MED 14' L X 34.5" H	2	554 00	0 00
200008193	TOOL BOX KID BUILDERS (MM)	1	3 00	0 36
200072938	TOOL BOX F/PLAY BUILDERS (MM)	1	5 00	0 36
200200530	KIT MAINTENANCE KB W/PAINT	1	10 00	1 00
200200531	KIT MAINTENANCE PLAY BULIDER	1	10 00	1 00
200164519	MSDS BOOK	1	0 00	0 00

Quote Prepared For:

Recreation Area

AREA 2

PARTS LIST

Project Name & Location:

North Bend Rec Area

Rt 1. Box 221. Cairo  
, WV

Prepared by:

Virginia Playground Services

JIM BENEDICT  
14276 Riverside Drive  
Ashland, VA 23005  
1-434-249-2158(phone)  
1-434-296-3289(fax)  
jim@vaplaygrounds.com

200069057	KB 200"/5080MM GALV POST W/PLASTIC CAP	4	348.00	16.00
200013801	KB 176" GALV POST WITH PLASTIC CAP	4	308.00	16.00
200069056	KB 186"/4725MM GALV POST W/PLASTIC CAP	4	324.00	16.00
200115820	POST W/CAP F/KB F.S. SIDE STEP 16/30	6	354.00	18.00
200013798	KB 136" GALV POST WITH PLASTIC CAP	7	413.00	21.00
200013810	KB 148" GALV POST WITH PLASTIC CAP	3	192.00	9.00
200013795	KB 10' GALV POST WITH PLASTIC CAP	6	312.00	18.00
200125612	STEPS DECK/DECK 1220M W/SFTY RAILS KB	1	386.00	67.00
100000366	BENCH PARK 6' BRN FRM VINYL TOP/348sta	4	464.00	0.00
200200000	PANEL "MOUNTAIN CLIMBER" F/KB_DKMT	1	49.00	6.00
200079019	KB LEG LIFT BAR	1	6.00	0.22
200007137	ROOF SQ. W/SHINGLES KB (W/HDWR)	2	200.00	152.00
200006944	STATION TRANSFER (deck w/loop) KB	1	72.00	10.00
200006999	POLE SNAKE 1625 MM/64" KB	1	86.00	16.00
200006981	SLIDE WAVE KB 1625 MM/64" KB	1	156.00	52.00
200078076	KB CLIFF CLIMB WITH TRI-DECK	1	167.00	34.00
200122484	SWING ARCH ADD-ON (8') W/2 BELT F/KB	1	240.00	6.00
200122459	SWING ARCH SGL. BAY (8') W/2 TOT F/KB	1	410.00	13.00
200007003	CLIMBER POMMEL 1220 MM/48" KB	1	121.00	18.00
200200466	KB ACCORDION CLIMBER 1220MM(48") GROUND	1	124.00	18.00
200200180	INFINITY CLIMBER KB GROUND-TO-DECK	1	160.00	115.00
200006998	POLE SNAKE 1220 MM/48" KB	1	76.00	16.00
200095648	KB SIDE STEP CLIMBER 2440 DECK-TO-POST	1	124.00	18.00
200006938	DECK HEX KB	1	321.00	25.00
200092591	STEPPING STONES F/KB	3	126.00	21.00
200007036	TRACK RIDE 3660 MM/12' KB	1	87.00	8.00
200201119	KB MEDIUM VERTICAL CHAIN NET CLIMBER	1	40.00	4.00
200201118	KB SMALL VERTICAL CHAIN NET CLIMBER	2	74.00	8.00
200065763	OVERHEAD STEP DECK F/KB	1	45.00	3.00
200073078	LOOP CHALLENGE LADDER KB	1	103.00	33.00
200202105	KB 96" HYPERSONIC SLIDE	1	255.00	80.00
200069491	SLIDE DURAGLIDE 11 SEGMENT F/KB	2	970.00	52.00
200066522	STEPS DECK/DECK 815 MM W/SAFETY RAILS K	1	264.00	27.00
200013894	DECK TRIANGLE KB	3	177.00	21.00
200006977	SLIDE DBL. WD. 1625 MM/64" KB	1	221.00	94.00
200109865	KBP SAFETY RAIL DKMT	1	50.00	6.00
200200266	CLIMBER CURLY 1220MM/48" KB (2004)	1	68.00	36.00
200013893	DECK SQUARE KB	2	232.00	20.00
200006961	BRIDGE ARCH W/SAFETY RAILS KB	1	403.00	54.00
200006978	SLIDE ELBOW 70 DEG. KB	1	190.00	42.00
200013896	DECK 1/2 SQUARE KB	2	132.00	16.00

200200149

A KEY TAP A-TONE PANEL

1

95

11



Little Tikes Commercial Equipment  
 Jim Benedict P.O. 1494  
 1607 East Market Street  
 Charlottesville, VA. 22902  
[jim@vaplaygrounds.com](mailto:jim@vaplaygrounds.com)  
 434 249 2158 ( cell )  
 434 296 3289 ( fax )



Q-14.09

TO

KRISTA FERREN

Frank Whittaker

Purchasing Division  
 State of West Virginia  
 Department of Administration  
 2019 Washington St.  
 Charleston, WV 25305

NORTH BEND PARK  
 RE. DNR Playground RFP

To whom it may concern,

This letter and supporting bid documents represent our reply and price quote for the DNR Playground RFP for the referenced park site. We are quoting "as equal and better" to the specifications and item list indicated in this RFP. Our product is manufactured by Little Tikes Commercial factory, hereafter "LTC". This bid is offered by the factory by and thru the local WV agent

We state that we comply fully with all requirements for ASTM 1487 and CPSC 325 and ADA and IPEMA third party CPSIA guidelines. We have attempted to meet the specifications and stated requirements and drawings showing play events. Plan views and 3D renderings are attached. Our actual items list has been notated to indicate our intended "as equal and better" LTC equipment in place of vendor named in specs. Our post system is 5 inch OD uprights. Our swing arch posts are 5 inch OD and the support beam is 3.5 inch OD. Our Attachments are direct bolt. Our posts are 3.5 inch steel, prepared and powder coated in the colors requested. Some upright posts are not aluminum, but are heavy duty OD diameter steel, and powder coated steel with extra epoxy coating. Our posts offer 100 year warranty against defects. Recent equipment industry standards recommend this heavy duty steel in order to meet the demand for strength, durability, and low maintenance over time. We ask you to please review all attachments in support of our full compliance for this RFP.

With regards,

M James Benedict, agent  
 Va Playground Services and LTC

- \* EQUIPMENT COMPLIES WITH ALL CPSIA DOCUMENT FOR LEAD CONTENT
- \* LODGE AREA IS 3 1/2" POST SYSTEM
- \* RECREATION SITE IS 5" POST SYSTEM

## INDEPENDENT SWING SPECIFICATIONS

**Kid Builders™ Swings** beam shall be fabricated from 60 mm (2.375") O.D. 5 gauge pre-galvanized steel tube. Uprights shall be fabricated from 127 mm (5") O.D. 11 gauge pre-galvanized steel. Both shall have a baked-on electrostatically applied polyester dry powder coating. The components are freed of excess weld spatter and shall be cleaned in a multiple bath system, which shall include a rust-inhibitive iron phosphate wash prior to painting.



**Kid Builders™ 8' (2.4 m) Arch Swings** beam shall be fabricated from 60 mm 5 gauge pre-galvanized steel tube bent into an arch. Uprights shall be 3.5 inch O.D. The beam and uprights shall have a baked-on electrostatically applied polyester dry powder coating. Anti Wrap-over swing bearings (U.S. Patent 6,123,480) shall be fabricated from sand cast bronze with injection molded nylon plastic. Swing chains shall be 4/0 straight link galvanized steel. OR Stainless steel when specified. The components are freed of excess weld spatter and shall be cleaned in a multiple bath system, which shall include a rust-inhibitive iron phosphate wash prior to painting. All other connecting hardware shall be stainless steel.

**Standard Belt Swing Seats** shall be rubber with a tempered steel insert molded inside, rendering them slashproof. Swing chains shall be 4/0 straight link galvanized steel OR stainless steel when specified.

**Tot Swing Seats** shall be heavy duty construction, fabricated from black rubber with a tempered steel insert molded inside, rendering them slashproof. Tot seat shall be fully enclosed to prevent slipping out and provide lower back support. Two sizes of leg cutouts make this seat versatile enough to accommodate larger children with special needs also. Swing chains shall be 4/0 straight link galvanized steel OR stainless steel when specified.

**Hardware:** Bolts, Nuts, Screws, Threaded Spacers, Washers and Other Hardware used in the assembly of components shall be Stainless Steel and be tamper resistant. All necessary hardware shall be provided.

Project name: NORTH BEND STATE PARK

Site address: Route # 1 Box 221, Cairo, WV

WEST VIRGINIA

USA

Sales representative: Virginia Playground Services

## PARK BENCH Specification Documents

Project number: North Bend State Park

The 8' (2440mm) Heritage Park Bench w/Back - Back and seat shall be manufactured from 13 gauge hot rolled pickled in oil sheet steel. The back and seat shall have 11 gauge bracing. The back and seat shall have a 30-40 mil coating of a baked on fluidized bed polyethylene copolymer based thermoplastic powder. The bench frame shall be manufactured from 12 gauge 2-3/8" (60.3mm) O.D. in-line galvanized steel tubing. The bench frame shall be painted per PPLT PAINT Specification.

COMPLETE PB ORIGINAL

3.5" O.D.

## LTC.PLAY BUILDERS™ SPECIFICATIONS for Little Tikes. Va Playgrounds Services

**Plastic Caps** shall fit snugly into 89 mm (3.5"), 33 mm (1.315"), and 25 mm (1") diameter pipe ends. Plastic caps for 89 mm (3.5") shall be blow molded low density polyethylene. Plastic caps for 33 mm (1.315") and 25 mm (1") shall be injection molded low density polyethylene. This plastic shall be stabilized against ultraviolet (U.V.) degradation and shall have color molded in. All caps shall be pre-installed at the factory.

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

**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

**Polyester Dry Powder Coating** shall be electrostatically applied can cured at temperatures between 400° Fahrenheit (204° Celsius) and 500° Fahrenheit (260° Celsius). The polyester powder shall comply with ASTM standards: D-522 (Flexibility Mandrel Test), D-2794 (Impact Resistance Test), B-117 (Salt Spray Resistance Test), D-2247 (Humidity Resistance Test), D-822 (Weatherability Test), D-3363 (Pencil Hardness Test), D-2454 (Overbake Resistance Test) and D-3359B (Adhesion Crosshatching Test) Epoxy or Hybrid paints are not acceptable due to poor weatherability characteristics. The components shall be cleaned in a six bath system which shall include a rust-inhibitive iron phosphate wash prior to painting

**Rotationally Molded Plastic Parts** shall be molded from linear low density polyethylene with ultraviolet (UV) light stabilizers, anti-static guard and color molded in. This material shall comply with ASTM-D-790 (Flex Modulus) ASTM -D-638 (Tensile Strength), ASTM-D-648 (Heat Distortion Temperature) and ARM-STD (Low Temperature Impact)

**Hardware:** Bolts, Nuts, Screws, Threaded Spacers, Washers and Other Hardware used in the assembly of components shall be Stainless Steel and be tamper resistant. All necessary hardware shall be provided.

**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

**Steel Posts** shall be 89 mm (3.5") O.D. or ( 5 " ) O.D., 11 gauge pre-galvanized round tubing, or aluminum round tubing when specified. 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 have a baked-on electrostatically applied polyester dry powder coating Post uprights may be aluminum round tubing when specified.

**Square Vinyl Clad Metal Decks** 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 dipped in a textured poly-vinyl-chloride coating.

**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 dipped in a textured poly-vinyl-chloride coating

**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 dipped in a textured poly-vinyl-chloride coating.

**1.2m (48") and 915 mm (36") Transfer Station** shall consist of two triangular decks, a three step assembly for the 1.2 m (48") and two step assembly for the 915 mm (36") and handrails. Each triangular deck shall be fabricated from 11 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 1.2 m (48") deck height or 915 mm (36") 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 11 gauge sheet steel. Each step assembly and Transfer Deck shall be dipped in a textured poly-vinyl-chloride coating. Transfer Station handrails shall be fabricated from 33 mm (1.315") O.D., pre-galvanized, 14 gauge tubing. Transfer Station loops shall be fabricated from 42.2 mm (1.66") O.D., pre-galvanized, 11 gauge tubing. All welded handrail assemblies shall have a baked-on electrostatically applied polyester dry powder coating.

**Colored Kick Plates and Deck to Deck Activity Plates** shall be fabricated from 13 gauge (2.3 mm) pre-galvanized sheet steel. After fabrication, deck to deck plates shall have a baked-on electrostatically applied polyester dry powder coating 8", 12" and 16" plates shall have fun faces laser cut into them 24", 28" and 32" plates shall have grooves cut into them with optional slider "Parachute/shapes" fabricated from CNC Routed high density polyethylene sheet

**3.7m (12') Vinyl Clad Metal Ramps** shall be a minimum of 915 mm (36") wide. Metal ramps shall be fabricated from punched sheet steel with 76 mm (3") formed sides Ramp assembly shall be dipped in textured poly-vinyl-chloride.

**Ramp Double Rails** shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Rails shall have a baked-on electrostatically applied polyester dry powder coating



**Ramp Safety Rails** shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Safety rails shall provide an enclosure and shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. The vertical rungs of safety rails shall be flattened prior to welding to the horizontal top and bottom bar and shall be welded continuously around the entire perimeter. Safety rails shall have a baked-on electrostatically applied polyester dry powder coating.

**Ramp Guard Rails** shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Guard rails shall have a baked-on electrostatically applied polyester dry powder coating.

**1.2 m (4') and 2.4m (8') Arch Bridge** shall be a minimum of 915 mm (36") wide. Arch Bridge shall be fabricated from precision punched 13 gauge steel with 76 mm (3") formed sides. Bridge assemblies shall be dipped in a textured poly-vinyl-chloride coating.

**Arch Bridge Safety Rails** vertical rungs shall be fabricated from 25 mm (1") pre-galvanized steel tubing. The horizontal rails shall be fabricated from 33 mm (1.315") pre-galvanized steel 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. Safety rails shall have a baked-on electrostatically applied polyester dry powder coating.

**Arch Bridge Guard Rails** shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Guard rails shall have a baked-on electrostatically applied polyester dry powder coating.

**Cat Walk** shall be fabricated from 3 mm (11 gauge sheet steel with 3 mm (11 gauge) steel sides and end supports. Cat Walk shall be dipped in a textured poly-vinyl-chloride and oven cured to a durable finish. Cat Walk shall have a dual rail side enclosure. Top and bottom rails shall be fabricated from 33.4 mm (1.315") O.D. pre-galvanized steel tubing with vertical rails welded to the top and bottom rail. Vertical rails shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After assembly side enclosures and end sections shall have a baked-on electrostatically applied polyester dry powder coating.

**2.4 m (8') and 3.7 m (12') Vinyl Clad Clatter (Suspension) Bridge (U.S. Patent #5,118,099)** planks shall be pre-assembled at factory for ease of installation. Clatter bridge planks shall be fabricated from one piece of 11 gauge punched and formed hot rolled sheet steel. The clatter bridge plank shall be dipped in textured poly-vinyl-chloride and oven-cured. Assembly of planks shall be such that no open gaps occur between planks. Plank to plank joints shall be pinch proof to the user. No cables or chains shall be used in the assembly of the planks. Clatter bridges shall have a dual rail side enclosure fabricated from 33 mm (1.315") pre-galvanized steel tubing, curved to match the curve of the bridge, to provide user stability at a consistent height along the bridge and shall have a baked-on electrostatically applied polyester dry powder coating.

**Burmese Bridge** shall be designed to work between posts on 3.7 m (12') centers. The chains shall be pre-galvanized and the vertical chains shall be PVC coated and oven cured to a durable finish. Handrails shall be fabricated from 42.2 mm (1.66") pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

**Vinyl Clad Stairs and Step Ladders** shall be a one piece all welded assembly coated with a textured poly-vinyl-chloride coating. The stair/step assembly shall be fabricated from punched 13 gauge hot rolled sheet steel. The stair/step assembly shall attach to the deck edge with stainless steel hardware and shall be supported by 33 mm (1.315") O.D. x 13 gauge pre-galvanized posts at the bottom riser. Handrails and deck enclosure frame shall be fabricated from 33 mm (1.315") x 11 gauge pre-galvanized steel tubing. Vertical rungs within handrails and deck enclosures shall be fabricated from a minimum of 25 mm (1") O.D. x 14 gauge pre-galvanized steel tubing. Handrails and enclosures shall have a baked-on electrostatically applied polyester dry powder coating.

**Rung Ladder** shall be designed to incorporate a one-piece, welded construction to aid installation. Rung ladder side rails shall consist of 33 mm (1.315") O.D. pre-galvanized steel tubing. Rungs shall be fabricated for 25 mm (1") O.D. pre-galvanized steel tubing. Brackets shall be fabricated from 7 gauge pre-galvanized steel. Rung ladder shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand loops or safety loops.

**Ladder Panel** shall be fabricated from 11 gauge sheet steel. Foot openings shall be 76 mm (3") high x 429 mm (16.875") wide and evenly spaced. Treads shall be 32 mm (1.25") deep. The complete ladder assembly shall be dipped in a textured poly-vinyl-chloride coating. Available with hand hold loops or safety loops.

**Cliff Climb** shall be rotationally molded from linear low density polyethylene. The Cliff Climb shall have the appearance of a rock face with foot and hand holds molded in for scaling. The rear of the Cliff Climb shall house a mirror fabricated from Type 430, 16 gauge, No 2 bright annealed stainless steel.

**Pommel Climber** shall be fabricated from 33 mm (1.315") x 14 gauge pre-galvanized steel tubing. Brackets shall be fabricated from 4.554 mm (.179") mild steel. Pommels shall be fabricated from E.P.D.M. 50 duro black rubber with a steel insert molded inside, rendering them slash proof. After fabrication all galvanized steel parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Arched Chain Climbers** shall be designed to incorporate a one-piece, all welded frame. The side rails shall be arched and have a center to center spacing of 722 mm (28.437"). The side rails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Chain shall be 4/0 steel with a textured poly-vinyl-chloride coating, oven cured to a durable finish.

After fabrication all parts except for the chain shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand hold loops or safety loops

**Chain Net Climber** chain shall be 4/0 steel with a textured poly-vinyl-chloride coating. Available with hand loops or safety loops.

**Inverted Arch Climber** shall be designed to incorporate a one-piece, all welded construction with rungs welded to siderails. The siderails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing, be arched and have a center to center spacing of 722 mm (28.437"). The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and shall have a "U" shape design. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand hold loops or safety loops

**Arch Climber** shall be designed to incorporate a one-piece, all-welded construction with rungs evenly spaced, center to center and welded to siderails. The siderails shall have a center spacing of 711 mm (28"). The siderails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand hold loops or safety loops.

**Curly Climbers** shall be of a design which will not allow children to climb into the interior of the coil. Curly Climber coils shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support post 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. Curly Climbers shall be an all welded construction and shall have a baked-on electrostatically applied polyester dry powder coating

**Snake Pole** shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support post shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. The snake pole shall be an all welded construction. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating

**Loop Climber** shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support posts shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. The loop climber shall be an all welded construction. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating

**Side Step Climber** shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The Side Step Climber shall be an all welded construction. Enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating

**Climbing Net** shall be fabricated from rope consisting of six urethane coated nylon wrapped steel cables twisted around a nylon core. Each perpendicular joint shall be rigidly secured. Climbing Net shall be secured with a stainless steel eyenut to the deck edge and a stainless steel cleavis at the bottom. Available with hand hold loops or safety loops

**Circle Overhead** shall have teardrop shaped hand rungs welded to a single circular monorail. The Circle Overhead shall be designed with a 270 degree arc to return to the take off platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The Circular Overhead shall have a baked-on electrostatically applied polyester dry powder coating

**"S" Overheads Right and Left** shall have teardrop shaped hand rungs welded to a single arc monorail. The "S" Overhead Right shall be designed with a right arc from the take off platform, midway the arc turns left. The "S" Overhead Left shall be designed with a left arc from the take off platform, midway the arc turn right. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "S" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

**"Z" Overheads Right and Left** shall have teardrop shaped hand rungs welded to a single arc monorail. The "Z" Overhead Right shall be designed with a 90° right turn from the take off platform, midway the arc turns 90° left to a second platform. The "Z" Overhead Left shall be designed with a 90° left turn from the take off platform, midway the arc turns 90° right to a second platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "Z" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

**"C" Overhead** shall have teardrop shaped hand rungs welded to a single arc monorail. The "C" Overhead shall be designed with a 90° turn from the take off platform, midway the arc turns an additional 90° to a second platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "C" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

**360 Degree Overhead** shall consist of a continuous hand grasping component fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing suspended from a second circular support component fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The system shall consist of a center support and perimeter support legs, which shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. 360 Degree Overheads shall have a baked-on electrostatically applied polyester dry powder coating. Advanced 360 Degree Overhead systems can be used in conjunction with Circle, "S", "C" and "Z" overhead components.

**Challenge Ladder** shall be designed to incorporate a one-piece, welded construction to ease installation. The challenge ladder shall be designed to work between posts on 3.7 m (12') and 2.44 m (8') centers for the length. The challenge ladder rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Wavy Challenge Ladder** shall have rungs welded to siderails. The wavy challenge ladder shall be designed to work between posts on 2.44 m (8') centers for the length. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The wavy challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

**Bowed Challenge Ladder** shall have rungs welded to siderails. The bowed challenge ladder shall be designed to work between posts on 2.44 m (8') and 3.7 m (12') centers for the length. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The bowed challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

**Trapeze Challenge Ladder** rungs shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tube and shall be mounted to the main side rails via stainless steel spherical bearings. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The trapeze challenge ladder shall be designed to work between posts on 3.7 m (12') centers for the length. The trapeze challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

**Ring Challenge** shall consist of a 60 mm (2.375") O.D. pre-galvanized steel beam and shall have ring coils fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Ring challenge shall be an all welded construction and shall have a baked-on electrostatically applied polyester dry powder coating.

**Floating Stones** shall have a main support beam fabricated from 73 mm (2.875") O.D. 6 gauge pre-galvanized steel tubing. Hanging Supports for the floating stones shall be 33 mm (1.315") O.D. pre-galvanized steel tubing and shall be tethered to a steel footing rail with 4/0 galvanized chain. Floating stones shall be rotationally molded linear low density polyethylene.

**Stepping Stones** shall be rotationally molded linear low density polyethylene mounted on 60mm (2.375") O.D. pre-galvanized support posts.

**Track Ride** shall be designed to incorporate a one-piece aluminum (6061-T6 alloy) extruded beam to ease installation and reduce maintenance. The beam shall be designed to work between 3.7 m (12') post centers. Rubber stops shall be provided at each end of the track. Track ride cross beams shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The roller assembly shall consist of four load supporting wheels with sealed ball bearings and two lateral supporting wheels to insure that the roller assembly does not rub the sides of the beam. Track ride handle shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After fabrication, the steel components shall have a baked-on electrostatically applied polyester dry powder coating.

**Ring Trek** shall consist of a 60 mm (2.375") O.D. pre-galvanized steel beam and shall have steel ring hangers welded in place to ease installation and reduce maintenance. Oil impregnated bronze bushings shall be **Caps** shall fit snugly into 33 mm (1.315") diameter, and 25 mm (1") square pipe ends and shall be injection molded high density polyethylene. This plastic shall be stabilized against pressed into ring hangers, after they have a baked-on electrostatically applied polyester dry powder coating. Ring trek handles shall be cast in Tenzaloy, a high strength, self-aging aluminum alloy of the aluminum-zinc-magnesium type. This alloy shall comply to ASTM standards B179-73, B26-72, B108-73, and Federal Specifications: QQ-A-371f, QQ-A-601d, and QQ-A-596e.

**Parallel Bars** do not need additional posts for installation. Parallel bars shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing and have a finished length of 3.0 m (10'). After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Stainless Steel Double Wide Slide** shall be 755 mm (29.7") wide single piece 16 gauge 304 stainless steel 11 gauge steel brackets shall reinforce the entrance and exit of the slide. Side rails shall be 32 mm (1.25") wide x 105 mm (4.125") high "D" style aluminum, closed by cast aluminum end caps permanently riveted in place. Single rail shall be fabricated from 33 mm (1.315") O.D. galvanized tubing. Slide end support shall be fabricated from 38 mm (1.5") square tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

**Wave Slides** with Hood enclosure shall be rotationally molded from linear low density polyethylene. Top of the slide hood shall be at least 925 mm (38") above the deck surface. The connection between the slide and the slide hood shall prohibit string entanglement. 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. Plastic slides shall have the manufacturer's trademark applied to identify the source of the product. Slide bed shall be one-piece with no seams or joints. Slide end support shall be fabricated from 38 mm (1.5") square tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Mid support shall be fabricated from 42.2 mm (1.66") O.D. tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

**610 mm (24") Wave Slides** with Hood enclosure shall be rotationally molded from linear low density polyethylene. Top of the slide hood shall be at least 925 mm (38") above the deck surface. The connection between the slide and the slide hood are shipped pre-assembled and shall prohibit string entanglement. Plastic slide rails shall be a minimum of 203 mm (8") high from the slide surface. Slide bedway shall be designed with a 406 mm (16") minimum width. Slide bed shall be one-piece with no seams or joints.

**Double Wide Slides** shall be rotationally molded from linear low density polyethylene. 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. Plastic slides shall have the manufacturer's trademark applied to identify the source of the product. Slide end support shall be fabricated from 38 mm (1.5") square tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Mid support shall be fabricated from 42.2 mm (1.66") O.D. tubing and shall have a baked-on electrostatically applied polyester dry powder coating. A single rail sit down bar shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

**360° Spiral Slide (U.S. Patent #D335,517) with Hood** shall be two piece with a seamless bedway, rotationally molded from linear low density polyethylene. 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. Slide bed and enclosure shall conform to United States CPSC guidelines for spiral slides. Spiral slide shall provide a full 360° 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 dipped in textured poly-vinyl-chloride. Slide enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Slide enclosures shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts.

**Elbow Slides** shall be one-piece, rotationally molded from linear low density polyethylene. Slide side rails shall be a minimum of 229 mm (9") high from the slide surface. Slide enclosure shall be fabricated from 33 mm (1.315") O.D. tubing. Slide end support shall be fabricated from 38 mm (1.5") square tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

**Half Pipe Sectional Slides with Hoods** shall be comprised of section, rotationally molded from linear low density polyethylene. The slide enclosures shall also be rotationally molded from linear low density polyethylene. The end support and mid supports shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized tubing, 2.3 mm (13 gauge) and 3 mm (11 gauge) pre-galvanized sheet steel. The supports shall have a baked-on electrostatically applied polyester dry powder coating.

**Tunnel Slides** shall be configured to approximately a 762 mm (30") internal diameter cross section. Tunnel panels shall have the manufacturer's trademark applied to identify the source of the product. Tunnel slides shall be assembled using an overlap joint on section connection and shall not have any internal hardware. Tunnels, elbows and panels shall be rotationally molded from linear low density polyethylene. Tunnel slide end supports shall be fabricated from 38 mm (1.5") square, pre-galvanized steel tubing and mid supports shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Both supports shall have a baked-on electrostatically applied polyester dry powder coating.

**Bannister Rails** shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tube. All components shall have a baked-on electrostatically applied polyester dry powder coating.

**Sliding Poles** shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel pipe. After fabrication all components shall have a baked-on electrostatically applied polyester dry powder coating. The top support brace shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel pipe.

**Straight Crawl Tunnels** shall have an approximate internal diameter area of 762 mm (30") and three 76 mm (3") holes to allow for visibility. Crawl tunnel mounting panel shall have the manufacturer's trademark applied to identify the source of the product. Tunnel and panel shall be rotationally molded from linear low density polyethylene.

**90° Elbow, Extended 90° Elbow and "S" Crawl Tunnel** shall have an approximate internal diameter area of 762 mm (30"). Crawl tunnel mounting panel shall have the manufacturer's trademark applied to identify the source of the product. Elbow extension and panel shall be rotationally molded from linear low density polyethylene.

**Aluminum Steering Wheel** shall be cast in Tenzaloy, a high strength, self-aging aluminum alloy of the aluminum-zinc-magnesium type. This alloy shall comply to ASTM standards: B179-73, B26-72, B108-73, and Federal Specifications: QQ-A-371f, QQ-A-601d, and QQ-A-596e. Steering wheels shall mount to a 33 mm (1 3/16") O D pre-galvanized tube. After fabrication, all components shall have a baked-on electrostatically applied polyester dry powder coating.

**Plastic Steering Wheel** shall be rotationally molded from linear low density polyethylene. Steering wheels shall mount to a 25 mm (1") O D pre-galvanized steel tube.

**Kid Village™ Panels, Seat (U.S. Patent D-370959), Counter, Doorway, Window, Activity and Fence (U.S. Patent D-370,268)**, shall be rotationally molded from linear low density polyethylene. The village panels shall be 1231 mm (48.5") high. The Kid Village™ doorway opening shall be 457 mm (18") wide. The molded in graphics shall not be raised above the surface of the panel. Panel mounting brackets shall be fabricated from 11 gauge sheet steel and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

**Kid Village™ Table** shall be rotationally molded from linear low density polyethylene.

**Animal Crawl Tunnel (U.S. Patent D-381056), Counter (U.S. Patent D-391615) and Door Panel** shall be rotationally molded from linear low density polyethylene. The molded in graphics shall not be raised above the surface of the panel.

**Steel Store Front** shall be fabricated from pre-galvanized, punched 11 gauge sheet steel welded to pre-galvanized 33 mm (1 3/16") steel tubing. Steel Store Front shall consist of two components: a counter and top section, which can be used together to simulate a store or used independently. After fabrication, the components shall have a baked on electrostatically applied polyester dry powder coating.

**Dinosaur Counting Panel, Alphabet Panel and Finger Maze Panel** shall be fabricated from tri color compression molded polyethylene with incised graphics to trace shapes. Panels shall be mounted in a rotationally molded linear low density polyethylene.

**Graphics Panels** shall provide enclosure and be non-climbable. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. Graphics panels shall be rotationally molded from linear low density polyethylene. The molded in graphics shall not be raised above the surface of the panel.

**Bubble Mirror Panel** shall consist of two 3 mm (.125") metalized bubbles with a non-removable filler of bubble wrap packaging material inside to prevent compression of bubbles. The mirror shall be attached to a rotationally molded linear low density polyethylene panel to provide enclosure. The panel shall have the manufacturer's trademark applied to identify the source of the product.

**Mirror Panel** mirrors shall be fabricated from Type 430, 16 gauge, No. 2 bright annealed stainless steel. The mirror shall be attached to a plastic panel to provide an enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

**Bubble Panels** shall be fabricated from 6 mm (.25") thick, an extremely tough, impact resistant polycarbonate material and shall be optically clear. The bubble shall be attached to a plastic panel to provide an enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

**Window Panels** shall be fabricated from 6 mm (.25") thick, an extremely tough, impact resistant polycarbonate material and shall be optically clear. The window shall be attached to a plastic panel to provide an enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

**Gear Panel** shall be rotationally molded from linear low density polyethylene. Two Lexan sheets contain a set of gears and a crank that shall be rotationally molded from linear low density polyethylene. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product.

**Seven Station Play Factory** shall be rotationally molded from linear low density polyethylene. Textured patterns, hand matching game and finger tracing maze shall be molded in. Two windows contain a set of gears that shall be rotationally molded from linear low density polyethylene. The periscope has polished stainless steel mirrors. Talk tube mouth pieces are stainless steel.

**Activity Panels, Tic-Tac-Toe, Spelling, Math and Animal**, shall consist of a cylinder assembly and enclosure panel. Cylinders shall have vertical support bars which shall be fabricated from 25 mm (1") O.D., pre-galvanized steel tubing. Panel and cylinders shall be rotationally molded from linear low density polyethylene. The molded-in graphics shall not be raised above the surface of the plastic. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

**Abacus Panel** shall be rotationally molded from linear low density polyethylene. Spheres shall be fabricated from polyethylene with ultraviolet (UV) light stabilizers and color pigment molded in. Each of the polyethylene spheres shall be 70 mm (2.75") in diameter and be molded in red and yellow. Horizontal rails shall be fabricated from 25 mm (1") x 13 gauge pre-galvanized steel tubing.

**Double Sided Routed Play Panels** shall be fabricated from high density polyethylene with graphics routed in. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

**Fire Safety Panel** shall be fabricated from tri color compression molded polyethylene with incised graphics to trace shapes. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

**Accessible Sand Box/Water Table** shall be rotationally molded from linear low density polyethylene. Sand capacity shall be approximately 150 pounds of play sand. The Sand Box/Water Table shall be fitted in the factory with a water drainage valve. A one piece lid shall be rotationally molded from linear low density polyethylene.

**Friendship Globe** shall be rotationally molded from linear low density polyethylene with ultraviolet (UV) stabilizers, raised continents and graphics molded in. Globe shall be mounted on 16 gauge 60 mm (2.375") pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

**Sign Panels** shall provide a non-climbable enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

**Safety Panels** shall provide a non-climbable enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

**Safety Rails** shall be fabricated from 33 mm (1.315") O.D. pre-galvanized tubing with 7 gauge pre-galvanized steel brackets welded on both ends for attachment to the posts and deck. 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. The vertical rungs of safety rails shall be flattened prior to welding to the horizontal top and bottom bar, and shall be welded continuously around the entire perimeter. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

**Talk Tubes** shall be fabricated from 48 x 3.4 mm (1.90" x .135") wall steel tubing. The "phone funnel" shall be fabricated from sheet steel capped with tubing and have a perforated steel insert inside. Talk Tubes shall have a baked-on electrostatically applied polyester dry powder coating.

**Chinning and Turning Bars and Single Rails** will be designed to be mounted to the post for the ease of installation and shall be fabricated from 33 mm (1.315") O.D., pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

**Sand Border Panels** shall be rotationally molded from linear low density polyethylene. All panels shall have a molded in seat and overlap standard posts with a minimum height of 317 mm (12.5"). Post spacing shall be the standard 1003 mm (39.5") on centers.

**Quad Roof** shall have over 18.6 square meters (61 square feet) of shaded play area and have the manufacturer's trademark molded in to identify the source of the product. The quad roof shall be 940 mm (37") high and rotationally molded from linear low density polyethylene. The Quad Roof is a multi section roof (nine sections) and requires eight posts for mounting, but can accommodate a ninth, or center post.

**Square Roofs** shall be 762 mm (30") high and shall have the manufacturer's trademark molded in to identify the source of the product. The roof shall be a double wall construction and rotationally molded from linear low density polyethylene.

**Arch Roof and Double Arch Roof** shall consist of two parts. The arches shall be rotationally molded from linear low density polyethylene. The roof section shall be fabricated from 16 gauge galvanized sheet steel with 6 x 76 mm (.25" x 3") slots punched over the entire surface. The roof section shall be mechanically attached to the arches with screws to form the assembly. The roof section shall have a baked-on electrostatically applied polyester dry powder coating.

**Arches** shall be rotationally molded from linear low density polyethylene.

**Loops** shall be fabricated from 33 mm (1.315") O.D., pre-galvanized steel tubing, with vertical rungs fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After fabrication all loop components shall have a baked-on electrostatically applied polyester dry powder coating and be designed to bolt directly to the post and deck.

There shall exist **NO GAPS** greater than 76 mm (3") and less than 254 mm (10") in any component design, unless otherwise stated.

COMPLETE ORIGINAL FD  
COMPLETE SET

5" O.D POST

## KID BUILDERS™ SPECIFICATIONS

**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.

**Aluminum Caps** shall fit snugly into 127 mm (5") tube ends and shall be Cast Aluminum. Aluminum Caps shall have a baked-on electrostatically applied polyester dry powder coating. All caps will be installed at the factory and will be secured with aluminum hammer drive pins.

**Paint** shall be an electrostatically applied polyester dry powder coating which shall be cured at temperatures between 400 and 500 degrees Fahrenheit. The polyester powder shall comply with ASTM standards: D-522 (Flexibility Mandrel Test), D-2794 (Impact Resistance Test), B-117 (Salt Spray Resistance Test), D-2247 (Humidity Resistance Test), D822 (Weatherability Test), D3363 (Pencil Hardness Test), D2454 (Overbake Resistance Test) and D3359B (Adhesion Crosshatching Test). Epoxy or Hybrid paints are not acceptable due to poor weatherability characteristics.

**Rotationally Molded Plastic Parts** shall be molded from linear low density polyethylene with ultraviolet (UV) light stabilizers, anti-static guard and color molded in. This material shall comply with ASTM-D-790 (Flex Modulus), ASTM -D-638 (Tensile Strength), ASTM-D-648 (Heat Distortion Temperature) and ARM-STD (Low Temperature Impact).

**Textured Poly-Vinyl-Chloride** coating shall be an average of 3 mm (118') thick. Poly-vinyl-chloride coating shall be oven cured and textured for added traction when wet or dry.

**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.

**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 draw quality 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 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.

**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 draw quality 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 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.

**Wing 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 draw quality 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 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.

**Colored Kick Plates and Deck to Deck Activity Plates** shall be fabricated from 13 gauge (2.3 mm) pre-galvanized sheet steel. After fabrication, deck to deck plates shall have a baked-on electrostatically applied polyester dry powder coating. 8", 12" and 16" plates shall have fun faces laser cut into them. 24", 28" and 32" plates shall have grooves cut into them with optional slider "Parachute/shapes" fabricated from CNC Routed high density polyethylene sheet.

**Galvanized Steel Posts** shall be 127 mm (5") O.D., 11 gauge pre-galvanized round tubing. Minimum tensile strength shall be 380MPa (55,000psi). Minimum yield point shall be 345MPa (50,000psi). The bottom portion of all upright posts shall be crimped slightly to enhance retention in concrete footings. Plastic caps shall fit into the uncrimped end of the 127 mm (5") tube. After fabrication, all posts shall have a baked-on electrostatically applied polyester dry powder coating.



**Aluminum Posts** shall be 127 mm (5") O.D , 3 mm ( 118') extruded round tubing. The type of aluminum shall be 6061-T6 or 6062-T6. Minimum tensile strength shall be 275MPa (39,000psi). Minimum yield point shall be 255MPa (36,500psi). The components shall be cleaned in a six bath system prior to painting. The bottom portion of all upright posts shall be crimped slightly to enhance retention in concrete footings. Plastic caps shall fit into the uncrimped end of the 127 mm (5") tube. After fabrication, all posts shall have a baked-on electrostatically applied polyester dry powder coating.

**Square Vinyl Clad Metal Decks** shall cover a minimum of 1.46 square meters (2,275 square inches) of top surface area. They shall be a one-piece construction and be designed to maintain a full 1.2 m (48") on center post spacing. Metal decks shall be fabricated from 13 gauge hot rolled steel which shall be punched, formed and reinforced with welded in place 11 gauge strips. Decks shall have a pattern of equally spaced holes on each edge to provide flush mounting of play events that attach to the deck. This hole pattern shall allow multiple decks to be assembled at the same level providing a surface without size limitations. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**Triangular Vinyl Clad Metal Decks** shall be fabricated from 13 gauge hot rolled steel which shall be punched, formed and reinforced with welded in place 11 gauge strips. Each triangular deck shall cover a minimum of 0.63 square meters (985 square inches) of top surface area, be a one-piece construction and be designed to maintain a full 1.2 m (48") on center post spacing. Decks shall have a pattern of equally spaced holes on each edge to provide flush mounting of play events that attach to the deck. This hole pattern shall allow multiple decks at the same level to be assembled providing a surface without size limitations. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**Kid Builders™ to MaxPlay Triangular Vinyl Clad Metal Decks** shall be fabricated from 13 gauge hot rolled steel which shall be punched, formed and reinforced with welded in place 11 gauge strips. Each triangular deck shall cover a minimum of 0.55 square meters (852 square inches) of top surface area, and be a one-piece construction. It shall be designed to maintain a full 1.2 m (48") on center post spacing on two deck edges and 1.05 m (41.3") on the third edge. Decks shall have a pattern of holes on each edge to provide flush mounting of play events that attach to the deck. This hole pattern shall allow multiple decks at the same level to be assembled providing a surface without size limitations. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**Half-Hex Vinyl Clad Metal Decks** shall be one piece and cover a minimum of 1.89 square meters (2,955 square inches) of top surface area. Metal decks shall be fabricated from 13 gauge hot rolled steel which shall be punched, formed and reinforced with welded in place 11 gauge strips. Decks shall have a pattern of equally spaced holes on each edge to provide flush mounting of play events that attach to the deck. This hole pattern shall allow multiple decks at the same level to be assembled providing a surface without size limitations. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**Full-Hex Vinyl Clad Metal Decks** shall cover a minimum of 3.78 square meters (5,900 square inches) of top surface area and be designed to maintain a full 1.2 m (48") on center post spacing. Construction shall consist of two half-hex shaped decks assembled together during installation. Metal decks shall be fabricated from 13 gauge hot rolled steel which shall be punched, formed and reinforced with welded in place 11 gauge strips. Decks shall have a pattern of equally spaced holes on each edge to provide flush mounting of play events that attach to the deck. This hole pattern shall allow multiple decks at the same level to be assembled providing a surface without size limitations. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**Balcony Vinyl Clad Metal Decks** shall cover a minimum of 365 square meters (567 square inches) of top surface area and be designed to maintain a full 1.2 m (48") on center post spacing. Construction shall consist of one semi circle shaped deck. Metal decks shall be fabricated from 13 gauge hot rolled steel, which shall be punched, formed and reinforced with welded in place 11 gauge strips. Deck shall have a pattern of equally spaced holes on one edge to provide flush mounting to the deck. This assembly shall be dipped in a textured poly-vinyl-chloride coating. Balcony Rails provide full enclosure and shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Rails shall have a baked-on electrostatically applied polyester dry powder coating.

**Accessible Balcony Vinyl Clad Metal Decks with Steering Wheel** shall cover a minimum of 365 square meters (567 square inches) of top surface area and be designed to maintain a full 1.2 m (48') on center post spacing. Construction shall consist of one semi circle shaped deck. Metal decks shall be fabricated from 13 gauge hot rolled steel, which shall be punched, formed and reinforced with welded in place 11 gauge strips. Deck shall have a pattern of equally spaced holes on one edge to provide flush mounting to the deck. This assembly shall be dipped in a textured poly-vinyl-chloride coating. Balcony Rails provide full enclosure and shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Two horizontal rails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing, with a steel plate welded between to attach the Aluminum Steering Wheel. Rails shall have a baked-on electrostatically applied polyester dry powder coating. The Aluminum Steering Wheel shall be cast in Tenzaloy, a high strength, self-aging aluminum alloy of the aluminum-zinc-magnesium type. This alloy shall comply to ASTM standards: B179-73, B26-72, B108-73, and Federal Specifications: QQ-A-371f, QQ-A-601d, and QQ-A-596e. Steering wheel shall mount to a 33 mm (1.315") O.D. pre-galvanized tube. After fabrication, all these components shall have a baked-on electrostatically applied polyester dry powder coating.

**Vinyl Clad Step Deck** planks shall cover a minimum of 0.4 square meters (624 square inches) of top surface area per step and be designed to maintain a full 1.2 m (48") on center spacing. Metal step decks shall be fabricated from punched sheet steel and shall have 64 mm (2.5") formed sides. This assembly shall be dipped in textured poly-vinyl-chloride. Step deck shall mount using two 33 mm (1.315") handrails which shall have a baked-on electrostatically applied polyester dry powder coating.

**Vinyl Clad Rest Deck** shall cover a minimum of 2.5 square meters (3,872 square inches) of top surface area, be a two-piece construction of a 1/2 deck and a trapezoid deck and be designed to maintain a full 1.2 m (48") on center post spacing. Metal decks shall be fabricated from 13 gauge hot rolled steel which shall be punched, formed and reinforced with welded in place 11 gauge strips. Decks shall have a pattern of equally spaced holes on each edge to provide flush mounting of play events that attach to the deck. This hole pattern shall allow multiple decks to be assembled at the same level providing a surface without size limitations. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**Vinyl Clad Half Deck** shall cover a minimum of .73 square meters (1,138 square inches) of top surface area and be a one-piece construction. Metal decks shall be fabricated from 13 gauge hot rolled steel which shall be punched, formed and reinforced with welded in place 11 gauge strips. Decks shall have a pattern of equally spaced holes on each edge to provide flush mounting of play events that attach to the deck. This hole pattern shall allow multiple decks to be assembled at the same level providing a surface without size limitations. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**Vinyl Clad Trapezoid Deck** shall cover a minimum of 1.8 square meters (2,720 square inches) of top surface area, be a one-piece construction and be designed to maintain a full 1.2 m (48") on center post spacing. Metal decks shall be fabricated from 13 gauge hot rolled steel which shall be punched, formed, and reinforced with welded in place 11 gauge strips. Decks shall have a pattern of equally spaced holes on each edge to provide flush mounting of play events that attach to the deck. This hole pattern shall allow multiple decks to be assembled at the same level providing a surface without size limitations. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**1.2m (48") and 915 mm (36") Transfer Station** shall consist of two triangular decks, a three step assembly for the 1.2 m (48") and two step assembly for the 915 mm (36") and handrails. Each triangular deck shall be fabricated from 11 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 1.2 m (48") deck height or 915 mm (36") 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 11 gauge sheet steel. Each step assembly and Transfer Deck shall be dipped in a textured poly-vinyl-chloride coating. Transfer Station handrails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized 14 gauge tubing. Transfer Station loops shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized, 11 gauge tubing. All welded handrail assemblies shall have a baked-on electrostatically applied polyester dry powder coating.

**Transfer Station Safety Rails** shall be fabricated from 33 mm (1.315") pre-galvanized steel 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. The vertical rungs of safety rails shall be semi-flattened prior to welding to the horizontal top and bottom bar and shall be welded continuously around the entire perimeter. Safety rails shall have a baked-on electrostatically applied polyester dry powder coating.

**Inter-Deck Step** shall be completely fabricated from 11 gauge steel. The step surface shall measure 203 mm (8") deep by a minimum of 406 mm (16") wide, with rises limited to 203mm (8"). The complete assembly shall be coated in a textured poly-vinyl-chloride coating after fabrication. Hand loops shall be made from 33 mm (1.315") diameter pre-galvanized tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

**Deck to Deck Steps** shall consist of welded tread, riser and stringer sections fabricated from 13 gauge hot rolled steel. This assembly shall be dipped in a textured poly-vinyl-chloride coating. Handrails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized tubing with a baked-on electrostatically applied polyester dry powder coating.

**2.4 m (8') Vinyl Clad Metal Ramps** shall be a minimum of 915 mm (36") wide. Metal Ramps shall be fabricated from punched sheet steel with 76 mm (3") formed sides. Ramp assembly shall be dipped in textured poly-vinyl-chloride.

**1.8 m (6') Ramp** shall be a minimum of 915 mm (36") wide. Metal ramps shall be fabricated from punched sheet steel with 76 mm (3") formed sides. Ramp assembly shall be dipped in textured poly-vinyl-chloride.

**Ramp Double Rails** shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Rails shall have a baked-on electrostatically applied polyester dry powder coating.

**Ramp Safety Rails** shall be fabricated from 33 mm (1.315") pre-galvanized steel 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. The vertical rungs of safety rails shall be semi-flattened prior to welding to the horizontal top and bottom bar and shall be welded continuously around the entire perimeter. Safety rails shall have a baked-on electrostatically applied polyester dry powder coating.

**Ramp Guard Rails** shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Guard rails shall have a baked-on electrostatically applied polyester dry powder coating.

**2.4 m (8') Vinyl Clad Accessible Bridges** shall be a minimum of 915 mm (36") wide. Metal ramps shall be fabricated from 11 gauge punched sheet steel with 76 mm (3") formed sides. Bridge assemblies shall be dipped in textured poly-vinyl-chloride coating.

**Accessible Bridge Safety Rails** shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Safety rails shall provide an enclosure, and shall have no gaps greater than 76 mm (3") and less than 254 mm (10") especially between vertical rungs and posts. The vertical rungs of safety rails shall be flattened prior to welding to the horizontal top and bottom bar and shall be welded continuously around the entire perimeter. Safety Rails shall have a baked-on electrostatically applied polyester dry powder coating.

**1.2 m (4') and 2.4 m (8') Arch Bridge** shall be a minimum of 915 mm (36") wide. Arch Bridge shall be fabricated from precision punched 13 gauge steel with 76 mm (3") formed sides. Bridge assemblies shall be dipped in a textured poly-vinyl-chloride coating.

**Arch Bridge Safety Rails** vertical rungs shall be fabricated from 25 mm (1") pre-galvanized steel tubing. The horizontal rails shall be fabricated from 33 mm (1.315") pre-galvanized steel 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. Safety rails shall have a baked-on electrostatically applied polyester dry powder coating.

**Arch Bridge Guard Rails** shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Guard rails shall have a baked-on electrostatically applied polyester dry powder coating.

**90 Degree and "S" Bridge with Safety Rails** shall be a minimum of 915 mm (36") wide. Bridges shall be fabricated from laser cut 11 gauge steel with 76 mm (3") formed sides. Bridge assemblies shall be dipped in a textured poly-vinyl-chloride coating. Safety Rails vertical rungs shall be fabricated from 25 mm (1") pre-galvanized steel tubing. The horizontal rails shall be fabricated from 33 mm (1.315") pre-galvanized steel 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. Safety rails shall have a baked-on electrostatically applied polyester dry powder coating.

**2.4 m (8') and 3.66 m (12') Vinyl Clad Clatter (Suspension) Bridge (U.S. Patent #5,118,099)** planks shall be pre-assembled at factory for ease of installation. Clatter Bridge planks shall be fabricated from one piece of 11 gauge punched and formed hot rolled sheet steel. The clatter bridge plank shall be dipped in textured poly-vinyl-chloride and oven-cured. Assembly of planks shall be such that no open gaps occur between planks. Plank to plank joints shall be pinch proof to the user. No cables or chains shall be used in the assembly of the planks. Clatter bridges shall have a dual rail side enclosure fabricated from 33 mm (1.315") pre-galvanized steel tubing, curved to match the curve of the bridge, to provide user stability at a consistent height along the bridge and shall have a baked-on electrostatically applied polyester dry powder coating.

**Cat Walk** shall be manufactured from 3 mm (11 gauge) sheet steel with 3 mm (11 gauge) steel sides and end supports. Cat Walk shall be dipped in a textured poly-vinyl-chloride and oven cured to a durable finish. Cat Walk shall have a dual rail side enclosure. Top and bottom rails shall be fabricated from 42.2 mm (1.625") O.D. pre-galvanized steel tubing with vertical rails welded to the top and bottom rail. Vertical rails shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. End sections shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing, with 3 mm (11 gauge) sheet steel end plates. After assembly side enclosures and end sections shall have a baked-on electrostatically applied polyester dry powder coating.

**Cargo Bridge** net shall be fabricated from rope consisting of six nylon wrapped steel cables twisted around a nylon core. Each perpendicular joint shall be rigidly secured. Cargo bridge shall be mounted using a 60 mm (2.375") x 11 gauge pre-galvanized steel frame.

**Burmese Bridge** shall be designed to work between posts on 3.7 m (12') centers. All chains shall be pre-galvanized, the vertical chains shall be dipped in a poly-vinyl-chloride coating. Handrails shall be fabricated from 60 mm (2.375") pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

**Stainless Steel Single Wide Slide** bedway shall be 476 mm (18.75") wide single piece 16 gauge 304 stainless steel. 11 gauge steel brackets shall reinforce the entrance and exit of the slide. Side rails shall be 32 mm (1.25") wide x 105 mm (4.125") high 11 gauge "D" style aluminum, closed by cast aluminum end caps permanently riveted in place. Slide end support shall be fabricated from 38 mm (1.5") square tubing. Enclosure shall be fabricated from 33 mm (1.315") O.D. galvanized steel tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating. A mini transition deck shall be fabricated from 13 gauge sheet steel and vinyl dipped.

**Stainless Steel Double Wide Slide** bedway shall be 755 mm (29.7") wide single piece 16 gauge 304 stainless steel. 11 gauge steel brackets shall reinforce the entrance and exit of the slide. Side rails shall be 32 mm (1.25") wide x 105 mm (4.125") high 11 gauge "D" style aluminum, closed by cast aluminum end caps permanently riveted in place. Single rail shall be fabricated from 33 mm (1.315") O.D. galvanized tubing. Slide end support shall be fabricated from 38 mm (1.5") square tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

**360° Stainless Steel Spiral Slide** shall consist of formed 16 gauge 304 stainless steel sections. Sections shall be welded to 152 mm (6") stainless steel tubing. An extruded aluminum edge trim shall be attached with pop rivets. The enclosure frame shall be fabricated from 33 mm (1.315") 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. The vertical rungs shall be fabricated from 25 mm (1") pre-galvanized steel tubing. After fabrication the entire assembly shall have a baked-on electrostatically applied polyester dry powder coating. Slide transition decks shall be fabricated from punched sheet steel and shall cover a minimum of 1.25 square meters (1,932 square inches) of top surface. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**Stainless Steel Elbow Slide** shall consist of formed 16 gauge 304 stainless steel sections. Sections shall be welded to 152 mm (6") pre-galvanized steel tubing. An extruded aluminum edge trim shall be attached with pop rivets. The enclosure frame shall be fabricated from 33 mm (1.315") 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. The vertical rungs shall be fabricated from 25 mm (1") pre-galvanized steel tubing. After fabrication the entire assembly shall have a baked-on electrostatically applied polyester dry powder coating. Slide transition decks shall be fabricated from punched sheet steel and shall cover a minimum of 1.25 square meters (1,932 square inches) of top surface. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**Half Pipe Sectional Slides with Hoods** shall be comprised of sections rotationally molded from linear low density polyethylene. The slide enclosure shall also be rotationally molded from linear low density polyethylene. The end support and mid supports shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized tubing, 2.3 mm (13 gauge) and 3.0 mm (11 gauge) pre-galvanized sheet steel. The supports shall have a baked-on electrostatically applied polyester dry powder coating.

**Triple Wide Slide** shall be rotationally molded from linear low density polyethylene with ultraviolet (U.V.) light stabilizers, anti-static guard and color molded in. Triple wide slide sides shall be 203 mm (8") high from the slide surface. Slide surface shall have ridges for auditory and tactile sensation with finger maze and hand print gauge molded in underside. Triple wide slide shall be a one piece design with two dividers having no seams joints or gaps.

**Wave Slide with Hood** shall be rotationally molded from linear low density polyethylene. Top of the slide hood shall be at least 965 mm (38") above the deck surface. The connection between the slide and the slide hood shall prohibit string entanglement. 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. Plastic slides shall have the manufacturer's trademark applied to identify the source of the product. Slide bed shall be one-piece with no seams or joints. Slide end support shall be fabricated from 38 mm (1.5") square tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Mid support shall be fabricated from 42.2 mm (1.66") O.D. tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

**Double Wide Slide with Hood** shall be rotationally molded from linear low density polyethylene. 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. Plastic slides shall have the manufacturer's trademark applied to identify the source of the product. Slide end support shall be fabricated from 38 mm (1.5") square tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Mid support shall be fabricated from 42.2 mm (1.66") O.D. tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

**360° Spiral Slide (U.S. Patent #D335,517) with Hood** shall be two piece with a seamless bedway, rotationally molded from linear low density polyethylene. 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. Slide bed and enclosure shall conform to United States CPSC guidelines for spiral slides. Spiral slide shall provide a full 360° 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 dipped in textured poly-vinyl-chloride coating. Slide enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Slide enclosures shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts.

**Duraglide™ Spiral Slide** shall have an injection molded sectional bedway with a 519 mm (20.4") high side wall. Slide entry area shall be enclosed by 1016 mm (40") panels.

**KB Infinity Stainless Steel Spiral Slide** shall consist of formed 16 gauge 304 stainless steel sections. Sections shall be welded to 152 mm (6") diameter 11 gauge stainless steel tubing. An extruded aluminum edge trim shall be attached with pop rivets. The enclosure frame shall be fabricated from 33 mm (1.315") 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. The vertical rungs shall be fabricated from 25 mm (1") pre-galvanized steel tubing. After fabrication the entire assembly shall have a

baked-on electrostatically applied polyester dry powder coating. Slide transition decks shall be fabricated from punched sheet steel and shall cover a minimum of 1.25 square meters (1 932 square inches) of top surface. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**Elbow Slides with Hood** shall be rotationally molded from linear low density polyethylene. Slide side rails shall be a minimum of 229 mm (9") high from the slide surface. Slide enclosure shall be fabricated from 33 mm (1 315") O D tubing. Slide end support shall be fabricated from 38 mm (1 5") square tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

**Tunnel Slides** shall be configured to approximately a 762 mm (30') internal diameter cross section. Tunnel panels shall have the manufacturer's trademark applied to identify the source of the product. Tunnel slides shall be assembled using an overlap joint on section connections and shall not have any internal hardware. Tunnels, elbows and panels shall be rotationally molded from linear low density polyethylene. Tunnel slide end supports shall be fabricated from 38 mm (1.5') square, pre-galvanized steel tubing and mid supports shall be fabricated from 42.2 mm (1 66") O D pre-galvanized steel tubing. Both supports shall have a baked-on electrostatically applied polyester dry powder coating.

**Bannister Rails** shall be fabricated from 60 mm (2 375") O.D. pre-galvanized steel tube. All components shall have a baked-on electrostatically applied polyester dry powder coating.

**Sliding Poles** shall be fabricated from 42.2 mm (1 66") O D pre-galvanized steel pipe. After fabrication all components shall have a baked-on electrostatically applied polyester dry powder coating. The top support brace shall be fabricated from 33 mm (1 315") O D pre-galvanized steel pipe.

**Leg Lift Loop** shall be fabricated from 33 mm (1 315") O D pregalvanized steel tube. Leg Lift Loop shall attach to the post using a steel clamp assembly. Clamp profiles shall be designed to eliminate protrusions. Clamps shall be die formed from 12 gauge draw quality 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 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.

**Cliff Climb** shall be rotationally molded from linear low density polyethylene. The Cliff Climb shall have the appearance of a rock face with foot and hand holds molded in for scaling. The rear of the Cliff Climb shall house a mirror fabricated from Type 430, 16 gauge, No 2 bright annealed stainless steel.

**Tikes Peak Climber/Blocks** shall be rotationally molded from linear low density polyethylene. Footing supports are fabricated from pre-galvanized 48 mm (1 875") and 25 mm (1") diameter steel tubing welded with 11 gauge pre-galvanized steel. The supports shall have a baked-on electrostatically applied polyester dry powder coating. Assembly hardware is stainless steel.

**KB Infinity Climber Ground to Deck** shall be rotationally molded from linear low density polyethylene. Footing supports are fabricated from pre-galvanized 42.2 mm (1.660") diameter steel tubing welded with 11 gauge pre-galvanized sheet steel. The enclosure shall be fabricated from 42.2 mm (1.66") O D and 33.4 mm (1 315") O D pre-galvanized steel tubing and from 11 gauge pre-galvanized sheet steel. The supports and enclosure shall have a baked-on electrostatically applied polyester dry powder coating. Assembly hardware is stainless steel.

**Tikes Peak Square Deck Add-on Wedges** shall be rotationally molded from linear low density polyethylene. Assembly hardware is stainless steel.

**Tikes Peak Gecko/Snake Panels** shall be rotationally molded from linear low density polyethylene. The panel to deck attachment bracket shall be fabricated from 11 gauge pre-galvanized sheet steel. The brackets shall have a baked-on electrostatically applied polyester dry powder coating. Assembly hardware is stainless steel.

**Tikes Peak Climber with Safety Loops** shall be rotationally molded from linear low density polyethylene. Footing supports are fabricated from pre-galvanized 48 mm (1 875") and 25 mm (1") diameter steel tubing welded with 11 gauge pre-galvanized steel. The supports shall have a baked-on electrostatically applied polyester dry powder coating. Assembly hardware is stainless steel. Safety Loops shall be fabricated from 33 mm (1 315") O D galvanized steel tubing with vertical rungs fabricated from 25 mm (1") O D pre-galvanized steel tubing. After fabrication all loop components shall have a baked-on electrostatically applied polyester dry powder coating.

**Tikes Peak Roof (with/without Snow or Lava Cap)** shall be rotationally molded from linear low density polyethylene. Assembly hardware is stainless steel.

**Vinyl Clad Bumpy Climber** shall be a one piece all welded assembly coated with a textured poly-vinyl-chloride coating. The Bumpy Climber assembly shall be fabricated from punched 11 gauge hot rolled sheet steel. The climbing surface of the assembly shall have approximately an 86 mm (3 3") radius on each step and a 203 mm (8") rise between steps on a 45

degree angle. The Bumpy Climber assembly shall attach to the deck edge with stainless steel hardware and shall be supported by 33 mm (1.315") O.D. x 13 gauge pre-galvanized posts at the bottom riser. Hand supports and deck enclosure frame shall be fabricated from 33 mm (1.315") x 11 gauge pre-galvanized steel tubing. Vertical rungs within deck enclosures shall be fabricated from a minimum of 25 mm (1") O.D. x 14 gauge pre-galvanized steel tubing. Hand supports and enclosures shall have a baked-on electrostatically applied polyester dry powder coating.

**Fan Climbers** shall be designed to incorporate a one-piece, all welded construction with rungs welded to siderails. The siderails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing and shall be arched with a center to center spacing of 496 mm (19.5"). The rungs shall be fabricated from 33.4 mm (1.315") O.D. pre-galvanized steel tubing and shall have a "U" shape design. Fan Climbers mount directly to safety enclosures on a deck. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Rocky Rambler** shall be molded from linear low density polyethylene. The center support post shall be fabricated from 47 mm (1.875") O.D. pre-galvanized steel tubing. Handrails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Center support post and handrails shall have a baked-on electrostatically applied polyester dry powder coating. Deck enclosures shall be rotationally molded from linear low density polyethylene.

**Rock Challenge Wall** shall be constructed with linear low density polyethylene sheets. The hand grips shall be a molded resin/concrete mixture.

**The (80") Rock Challenge Wall (2032mm)** shall be constructed of high density polyethylene sheets. The hand grips shall be molded from a plastic resin. The steel supports are fabricated from pre-galvanized 33 mm (1.315") diameter steel tubing welded with 11 gauge pre-galvanized steel brackets. The supports shall have a baked-on electrostatically applied polyester dry powder coating. Assembly hardware is stainless steel.

**Rung Ladder** shall be designed to incorporate a one-piece, welded construction to aid installation. Rung ladder side rails shall consist of 33 mm (1.315") O.D. pre-galvanized steel tubing. Rungs shall be fabricated for 25 mm (1") O.D. pre-galvanized steel tubing. Brackets shall be fabricated from 7 gauge pre-galvanized steel. Rung ladder shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand loops or safety loops.

**Ladder Panels** shall be fabricated from 11 gauge sheet steel. Foot openings shall be 76 mm (3") high x 429 mm (16.875") wide and evenly spaced. Treads shall be 32mm (1.25") deep. The complete ladder assembly shall be dipped in a textured poly-vinyl-chloride coating. Available with hand hold loops or safety loops.

**Vinyl Clad Stairs and Step Ladders** shall be a one piece all welded assembly coated with a textured poly-vinyl-chloride coating. The stair/step assembly shall be fabricated from punched 13 gauge hot rolled sheet steel. The stair/step assembly shall attach to the deck edge with stainless steel hardware and shall be supported by 33 mm (1.315") O.D. x 13 gauge pre-galvanized posts at the bottom riser. Handrails and deck enclosure frame shall be fabricated from 33 mm (1.315") x 11 gauge pre-galvanized steel tubing. Vertical rungs within handrails and deck enclosures shall be fabricated from a minimum of 25 mm (1") O.D. x 14 gauge pre-galvanized steel tubing. Handrails and enclosures shall have a baked-on electrostatically applied polyester dry powder coating.

**Deck-to-Deck Panel** shall be fabricated from 11 gauge sheet steel and shall be dipped in a textured poly-vinyl-chloride coating. Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel with vertical rungs fabricated from 25 mm (1") pre-galvanized steel tubing. After fabrication all loop components shall have a baked-on electrostatically applied polyester dry powder coating. Deck-to-Deck panels shall have pre-punched holes for mounting.

**Curved Climbing Wall net** shall be fabricated from rope consisting of six nylon wrapped steel cables twisted around a nylon core. Each perpendicular joint shall be rigidly secured. Curved Climbing Wall shall be mounted on 60 mm (2.375") galvanized steel tubing at top, bottom and sides and shall have a baked-on electrostatically applied polyester dry powder coating.

**Pommel Climber** shall be fabricated from 33 mm (1.315") x 14 gauge pre-galvanized steel tubing. Brackets shall be fabricated from 4.554 (1.79") mild steel. Pommels shall be fabricated from E.P.D.M. 50 duro black rubber with a steel insert molded inside, rendering them slashproof. After fabrication all galvanized steel parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Arched Chain Climber** shall be designed to incorporate a one-piece, all welded frame. The siderails shall be arched and have a center to center spacing of 722 mm (28.437"). The siderails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Chain shall be 4/0 steel with a textured poly-vinyl-chloride coating, oven cured to a durable finish. Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts except for the chain shall have a baked-on electrostatically applied polyester dry powder coating. Available with hand hold loops or safety loops. **Chain Net Climber** chain shall be 4/0 steel with a textured poly-vinyl-chloride coating. Available with hand loops or safety loops.

**Inverted Arch Climbers** shall be designed to incorporate a one-piece, all welded construction with rungs welded to siderails. The siderails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing, be arched and have a center to center spacing of 722 mm (28.437'). The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and shall have a "U" shape design. Available with hand hold loops or safety loops. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Arch Climbers** shall be designed to incorporate a one-piece, all-welded construction with rungs evenly spaced center to center and welded to siderails. The siderails shall have a center spacing of 711 mm (28"). The siderails shall be fabricated from 42.2 mm (1.66") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Available with hand hold loops or safety loops. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Curly Climbers** shall be of a design which will not allow children to climb into the interior of the coil. Curly Climber coils shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support post 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. Curly Climbers shall be an all welded construction and shall have a baked-on electrostatically applied polyester dry powder coating.

**Snake Pole** shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support post shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. The snake pole shall be an all welded construction. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Stone Climber** pods shall be rotationally molded linear low density polyethylene mounted on 60 mm (2.375") O.D. pre-galvanized support posts. Side rails shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. After fabrication all steel parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Side Step Climber** shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The Side Step Climber shall be an all welded construction. Enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Loop Climber** shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support posts shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. The loop climber shall be an all welded construction. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Climbing Net** shall be fabricated from rope consisting of six urethane coated nylon wrapped steel cables twisted around a nylon core. Each perpendicular joint shall be rigidly secured. Climbing Net shall be secured with a stainless steel eyenut to the deck edge and a stainless steel cleavis at the bottom. Available with hand hold loops or safety loops.

**2.4 m (8') Fun Wheels** shall have rectangular loops welded to a center support beam fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. A single spinning wheel shall be attached with a 32 mm (1.25") diameter stainless steel hex bolt, positioned between two bearings. The wheel is fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 42 mm (1.625") O.D. steel tubing. After fabrication all parts shall have an electrostatically applied polyester dry powder coating.

**3.7 m (12') Fun Wheels** shall have triangular loops welded to a center support beam fabricated from 73 mm (2.875") O.D. pre-galvanized steel tubing. Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Three (3) spinning wheels shall be attached with 32 mm (1.25") diameter stainless steel hex bolts, each positioned between two bearings. The wheels are fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 42 mm (1.625") O.D. steel tubing. After fabrication all parts shall have an electrostatically applied polyester dry powder coating.

**90 Degree Fun Wheels** shall have triangular loops welded to a center support beam fabricated from 73 mm (2.875") O.D. pre-galvanized steel tubing. Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Two (2) spinning wheels shall be attached with 32 mm (1.25") diameter stainless steel hex bolts, each positioned between two bearings. The wheels are fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and 42 mm (1.625") O.D. steel tubing. After fabrication all parts shall have an electrostatically applied polyester dry powder coating.

**Straight Challenge Ladder** shall be designed to incorporate a one-piece, welded construction to ease installation. The challenge ladder shall be designed to work between posts on 1.2 m (48") centers for the width and on 3.7 m (12') and 2.4 m (8') centers for the length. The challenge ladder rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Wavy Challenge Ladder** shall have rungs welded to siderails. The wavy challenge ladder shall be designed to work between posts on 1.2 m (48") centers for the width and on 2.4 m (8') centers for the length. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-

galvanized steel tubing. The wavy challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

**Bowed Challenge Ladder** shall have rungs welded to siderails. The bowed challenge ladder shall be designed to work between posts on 1.2 m (48") centers for the width and on 2.4 m (8') and 3.7 m (12') centers for the length. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The bowed challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

**Circle Overhead** shall have teardrop shaped hand rungs welded to a single circular monorail. The Circle Overhead shall be designed with a 270 degree arc to return to the take off platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The Circular Overhead shall have a baked-on electrostatically applied polyester dry powder coating.

**"S" Overheads Right and Left** shall have teardrop shaped hand rungs welded to a single arc monorail. The "S" Overhead Right shall be designed with a right arc from the take off platform, midway the arc turns left. The "S" Overhead Left shall be designed with a left arc from the take off platform, midway the arc turns right. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "S" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

**"Z" Overheads Right and Left** shall have teardrop shaped hand rungs welded to a single arc monorail. The "Z" Overhead Right shall be designed with a 90° right turn from the take off platform, midway the arc turns 90° left to a second platform. The "Z" Overhead Left shall be designed with a 90° left turn from the take off platform, midway the arc turns 90° right to a second platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "Z" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

**"C" Overhead** shall have teardrop shaped hand rungs welded to a single arc monorail. The "C" Overhead shall be designed with a 90° turn from the take off platform, midway the arc turns an additional 90° to a second platform. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The "C" Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

**Extended "S", "C", and "Z" Overheads** are identical to the standard "S", "C" and "Z" overheads with the addition of a straight section in the middle of the monorail. The added section shall have teardrop shaped hand rungs welded to a single straight monorail. The center beam and support legs shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The teardrop shaped rungs shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The Extended Overheads shall have a baked-on electrostatically applied polyester dry powder coating.

**360 Degree Overheads** shall consist of a continuous hand grasping component fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing suspended from a second circular support component fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The system shall consist of a center support and perimeter support legs which shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. 360 Degree Overheads shall have a baked-on electrostatically applied polyester dry powder coating. Advanced 360 Degree Overhead systems can be used in conjunction with Circle, "S", "C", and "Z" overhead components.

**In-Line Straight Overheads** shall consist of a continuous hand grasping component fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing suspended from a monorail support component fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. The system shall be used in conjunction with support legs which shall be fabricated from 48.3 mm (1.9") O.D. pre-galvanized steel tubing. In-Line Straight Overheads shall have a baked-on electrostatically applied polyester dry powder coating. In-Line Straight Overhead systems can be used in conjunction with Circle and "C" overhead components.

**Trapeze Challenge Ladder** rungs shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tube and shall be mounted to the main side rails via stainless steel spherical bearings. The side rails shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The trapeze challenge ladder shall be designed to work between posts on 1.2 m (48") centers for the width and on 3.7 m (12') centers for the length. The trapeze challenge ladder shall have a baked-on electrostatically applied polyester dry powder coating.

**Ring Challenge** shall consist of a 60 mm (2.375") O.D. pre-galvanized steel beam and shall have ring coils fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Ring challenge shall be an all welded construction and shall have a baked-on electrostatically applied polyester dry powder coating.

**Loop Challenge** shall have loops welded to a center support beam fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. Loops shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing welded to the center support beam. After fabrication all parts shall have an electrostatically applied polyester dry powder coating.



**Snake Challenge** shall have a main support beam fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. Challenge rung shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tubing welded underneath the main support beam. After fabrication all parts shall have an electrostatically applied polyester dry powder coating.

**Ring Trek and Double Ring Trek** shall consist of a 60 mm (2.375") O.D. pre-galvanized steel beam and shall have steel ring hangers welded in place to ease installation and reduce maintenance. Oil impregnated bronze bushings shall be pressed into ring hangers, after they have a baked-on electrostatically applied polyester dry powder coating. Ring trek handles shall be cast in Tenzaloy, a high strength, self-aging aluminum alloy of the aluminum-zinc-magnesium type. This alloy shall comply to ASTM standards B179-73, B26-72, B108-73, and Federal Specifications: QQ-A-371f, QQ-A-601d, and QQ-A-596e.

**3.66 m (12') and 6.09 m (20') Straight Track Ride** shall be designed to incorporate a one-piece aluminum (6061-T6 alloy) extruded beam to ease installation and reduce maintenance. The beam shall be designed to work between 3.7 m (12') and 6.1 m (20') post centers respectively. Rubber stops shall be provided at each end of the track. Track ride cross beams shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing. The roller assembly shall consist of four load supporting wheels with sealed ball bearings and two lateral supporting wheels to insure that the roller assembly does not rub the sides of the beam. Track ride handle shall be fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After fabrication, the steel components shall have a baked-on electrostatically applied polyester dry powder coating.

**Parallel Bars** do not need additional posts for installation. Parallel bars shall be fabricated from 60 mm (2.375") O.D. pre-galvanized steel tubing and have a finished length of 3.0 m (10'). After fabrication all parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Log Roll** shall be rotationally molded from linear low density polyethylene with nylon bearings. The log roll posts shall be fabricated out of 127 mm (5") O.D. pre-galvanized steel tubing. Rails shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. After fabrication all galvanized steel parts shall have a baked-on electrostatically applied polyester dry powder coating.

**3.7 m (12') Balance Chains** shall be designed to work between posts on 3.7 m (12') centers. Chain shall be 4/0 steel with a poly-vinyl-chloride coating, oven cured to a durable finish.

**Floating Stones** shall have a main support beam fabricated from 73 mm (2.875") O.D. 6 gauge pre-galvanized steel tubing. Hanging supports for the floating stones shall be 33 mm (1.315") O.D. pre-galvanized steel tubing and shall be tethered to a steel footing rail with 4/0 galvanized chain. Floating stones shall be rotationally molded linear low density polyethylene.

**Stepping Stones** shall be rotationally molded linear low density polyethylene mounted on 60 mm (2.375") O.D. pre-galvanized support posts.

**4.9 m (16') Snake Balance Beam** shall be fabricated from 51 x 102 mm (2' x 4') steel pipe. Balance beam ends shall have a plate welded over each end to eliminate sharp edges. Snake balance beams shall be designed to need no post for installation. All parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Straight Crawl Tunnel** shall be designed to work between 1.2 m (48") post centers. Crawl tunnels shall have an approximate internal diameter of 762 mm (30"). Crawl tunnel mounting panel shall have the manufacturer's trademark applied to identify the source of the product. Tunnel and panel shall be rotationally molded from linear low density polyethylene.

**90° Elbow, Extended 90° Elbow and "S" Crawl Tunnel** shall have an approximate internal diameter area of 762 mm (30"). Crawl tunnel mounting panel shall have the manufacturer's trademark applied to identify the source of the product. Elbow, extension and panel shall be rotationally molded from linear low density polyethylene.

**Criss Cross, Arch and Incline Crawl Tunnels** shall consist of 35 degree sections and have an approximate internal diameter area of 762 mm (30"). Crawl tunnel mounting panels shall have the manufacturer's trademark applied to identify the source of the product. Tunnel sections and panels shall be rotationally molded from linear low density polyethylene.

**Telescope** shall be rotationally molded from linear low density polyethylene. The Telescope shall have a non-magnifying light refracting type lens. The large end of the Telescope shall be enclosed with an impact resistant polycarbonate material and shall be optically clear. The upper assembly shall be fabricated from 4.5 mm (7 gauge) pre-galvanized sheet steel. After fabrication all steel components shall have a baked-on electrostatically applied polyester dry powder coating. The Telescope shall rotate 360 degrees around the post and have an elevation change of approximately 25 degrees.

**Aluminum Steering Wheel** shall be cast in Tenzaloy, a high strength, self-aging aluminum alloy of the aluminum-zinc-magnesium type. This alloy shall comply to ASTM standards: B179-73, B26-72, B108-73, and Federal Specifications: QQ-A-371f, QQ-A-601d, and QQ-A-596e. Steering wheel shall mount to a 33 mm (1.315") O.D. pre-galvanized tube. After fabrication, all these components shall have a baked-on electrostatically applied polyester dry powder coating.

**Plastic Steering Wheel** shall be rotationally molded from linear low density polyethylene. Steering Wheels shall mount to a 25 mm (1") O.D. pre-galvanized steel tube.

**Balcony Deck** shall provide enclosure, and shall have no gaps greater than 76 mm (3") or less than 254 mm (10"), especially between vertical rungs and posts. Balcony frames shall be fabricated from 33 mm (1 3/16") O.D. galvanized steel tube. The vertical rungs of the balcony deck shall be fabricated from 33 mm (1 3/16") O.D. pre-galvanized tubing and shall be welded continuously around the entire perimeter. After fabrication, safety rails shall have a baked-on electrostatically applied polyester dry powder coating. The metal deck shall be fabricated from 11 gauge hot rolled steel which shall be punched formed and reinforced with welded in place 76 mm (3") x 11 gauge strips. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**Castle Panels, Frontier Village Panels and Ship Panels, Ship Bow Panel (U.S. Patent #D-374,054), Ship Sail, Captain's Wheel, Palm Tree and Bamboo** theme panels and components shall be rotationally molded from linear low density polyethylene. The molded in graphics on the ship's bow shall not be raised above the surface of the panel.

**Fire Truck Ladder Rails** horizontal bars shall be fabricated from 33 mm (1 3/16") and vertical bars from 25 mm (1") pre-galvanized steel tubing. Rails shall provide an enclosure, and shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts. The welds shall be continuous around the entire perimeter. Ladder rails shall have a baked-on electrostatically applied polyester dry powder coating.

**Fire Truck Toolbox Panels** shall be rotationally molded from linear low density polyethylene. The optional molded in graphics shall not be raised above the surface of the panel.

**Fire Truck Fender Panels** shall be rotationally molded from linear low density polyethylene.

**Fire Truck Tire Panels** shall be rotationally molded from linear low density polyethylene. They shall have aesthetic hardware covering inserts fabricated from Aluminum Tread Plate. Assembly hardware is stainless steel.

**Fire Truck Pumper Panels** shall be rotationally molded from linear low density polyethylene. They shall have aesthetic hardware covering inserts fabricated from Aluminum Tread Plate. Assembly hardware is stainless steel. Pumper Panel Bell option is fabricated from High Density polyethylene and assembled into the panel.

**Fire Truck Cab Panels** (includes Cab left, Cab right and Roof with Lightbar) shall be rotationally molded from linear low density polyethylene. Pre-galvanized 48 mm (1 7/8") diameter steel tubes are used to reinforce the joints between the panels. The steel tubes shall have a baked-on electrostatically applied polyester dry powder coating.

**Fire Truck Bumper/Steering Panels** shall be rotationally molded from linear low density polyethylene. The grill in the steering panel shall be fabricated from high density polyethylene. Assembly hardware is stainless steel.

**Dinosaur Counting Panel, Alphabet Panel and Finger Maze Panel** shall be fabricated from tri color compression molded polyethylene with incised graphics to trace shapes. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

**Routed Play Panels** shall be fabricated from high density polyethylene with graphics routed in. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

**Sign Panels** shall provide enclosure and be non-climbable. The plastic panel shall have the manufacturer's trademark molded in to identify the source of the product. Sign panel shall be rotationally molded from linear low density polyethylene. The molded in graphics shall not be raised above the surface of the panel.

**Graphics Panels** shall provide enclosure and be non-climbable. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product. Graphics panels shall be rotationally molded from linear low density polyethylene. The molded in graphics shall not be raised above the surface of the panel.

**Fire Safety Panel** shall be fabricated from tri color compression molded polyethylene with incised graphics to trace shapes. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

**Bubble Mirror Panel** shall consist of two 3 mm (1/8") metalized bubbles with a non-removable filler of bubble wrap packaging material inside to prevent compression of bubbles. The mirror shall be attached to a rotationally molded linear low density polyethylene panel to provide enclosure. The panel shall have the manufacturer's trademark applied to identify the source of the product.

**Mirror Panel** mirror shall be fabricated from Type 430 16 gauge, No. 2 bright annealed stainless steel. The mirror shall be attached to a rotationally molded linear low density polyethylene panel to provide enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product.

**Bubble Panel** shall be fabricated from 6 mm (25") thick, an extremely tough, impact resistant polycarbonate material and shall be optically clear. The bubble panel shall be attached to a rotationally molded from linear low density polyethylene panel to provide enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product.

**Window Panel** shall be fabricated from 6 mm ( 25' ) thick an extremely tough, impact resistant polycarbonate material and shall be optically clear. The window panel shall be attached to a rotationally molded from linear low density polyethylene panel to provide enclosure. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product.

**Gear Panel** shall be rotationally molded from linear low density polyethylene. Two Lexan sheets contain a set of gears and a crank that shall be rotationally molded from linear low density polyethylene. The plastic panel shall have the manufacturer's trademark applied to identify the source of the product.

**Seven Station Play Factory** shall be rotationally molded from linear low density polyethylene. Textured patterns, hand matching game and finger tracing maze shall be molded in. Two windows contain a set of gears that shall be rotationally molded from linear low density polyethylene. The periscope has polished stainless steel mirrors. Talk tube mouth pieces are stainless steel.

**Activity Panels, Tic-Tac-Toe, Spelling, Math and Animal**, shall consist of a cylinder assembly and enclosure panel. Cylinders shall have vertical support bars which shall be fabricated from 25 mm (1") O D pre-galvanized steel tubing. Panel and cylinders shall be rotationally molded from linear low density polyethylene. The molded-in graphics shall not be raised above the surface of the plastic. Panel mounting brackets shall be fabricated from 7 gauge, pre-galvanized sheet steel, and dichromate washed. After fabrication, all steel components shall have a baked-on electrostatically applied polyester dry powder coating.

**Abacus Panel** shall be rotationally molded from linear low density polyethylene. Spheres shall be fabricated from polyethylene with ultraviolet (UV) light stabilizers and color pigment molded in. Each of the polyethylene spheres shall be 70 mm (2.75") in diameter and be molded in red and yellow. Horizontal rails shall be fabricated from 25 mm (1") x 13 gauge pre-galvanized steel tubing.

**Double Sided Routed Play Panels** shall be fabricated from high density polyethylene with graphics routed in. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

**Fire Safety Panel** shall be fabricated from tri color compression molded polyethylene with incised graphics to trace shapes. Panels shall be mounted in a rotationally molded linear low density polyethylene panel.

**Infinity Loop Climber:** climbers shall be rotationally molded from linear low density polyethylene. Footing supports are fabricated from pre-galvanized 42.2 mm (1.660") diameter steel tubing welded with 11 gauge pre-galvanized sheet steel. The center post shall be fabricated from 88.9mm (3.5") O D 11 ga pre-galvanized steel tubing with 11 gauge pre-galvanized sheet steel tabs. The supports and center post shall have a baked-on electrostatically applied polyester dry powder coating. Assembly hardware is stainless steel.

**Friendship Globe** shall be rotationally molded from linear low density polyethylene with ultraviolet (UV) stabilizers, raised continents and graphics molded in. Globe shall be mounted on 16 gauge 60 mm (2.375") pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

**Kid Builders™ Panels, Lions Head Crawl Tunnel (U.S. Patent D-381056), Seat, Counter (U.S. Patent D-391615), Adjustable Counter and Door Panel** shall be rotationally molded from linear low density polyethylene. The molded in graphics shall not be raised above the surface of the panel.

**Safety Panels** shall have the manufacturer's trademark applied to identify the source of the product. The panel shall be rotationally molded from linear low density polyethylene.

**Safety Rails** shall be fabricated from a combination of 33.4 mm (1.312") O D pre-galvanized steel tubing and 25.4 mm (1") O D pre-galvanized steel tubing. Side plates shall be fabricated from 3 mm (11 gauge) sheet steel. After assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

**Steel Crawl Panel** shall consist of a fabricated from 33.4 mm (1.312") O D pre-galvanized steel tubing holding a panel fabricated from 3.0 mm (11 gauge) sheet steel. A ring fabricated of 33.4 mm (1.312") O D pre-galvanized steel tubing will line the hole in the sheet steel panel. After assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

**Steel Crawl Tunnel** shall consist of two panels fabricated from 33.4 mm (1.312") O D pre-galvanized steel tubing and 3.0 mm (11 gauge) sheet steel. A ring fabricated from 33.4 mm (1.312") O D pre-galvanized steel tubing will line the hole in the sheet steel panel. A panel shall be attached to each end of a tunnel constructed of punched and rolled 2.3 mm (13 gauge) sheet steel. After fabrication each piece shall have a baked-on electrostatically applied polyester dry powder coating, and assembled prior to shipment.

**Steel Valance Panels** shall be fabricated from pre-galvanized, punched 11 gauge sheet steel welded to pre-galvanized 33 mm (1.315") steel tubing. Steel store front shall consist of two components: a counter and top section which can be used together to simulate a general store, lemonade stand, ticket booth or used independently. After fabrication the components shall have a baked-on electrostatically applied polyester dry powder coating.

**Steel Laser Cut Panels** shall be fabricated from 33.4 mm (1.312") O.D. pre-galvanized steel tubing. Laser Cut panel & side plates shall be fabricated from 2.3 mm (13 gauge) sheet steel. After assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

**Steel Mirror Panel** shall consist of a frame fabricated from 33.4 mm (1.312") O.D. pre-galvanized steel tubing holding a panel fabricated from 3.0 mm (11 gauge) sheet steel. A flange of 3.0 mm (11 gauge) steel mounts a mirror fabricated from 1.6 mm (16 gauge) stainless steel. Side plates shall be 3.0 mm (11 gauge) sheet steel. Prior to assembly, panel and flange shall have a baked-on electrostatically applied polyester dry powder coating.

**Steel Seat Panel** shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and 25.4 mm (1") O.D. pre-galvanized steel tubing. Side plates shall be 3.0 mm (11 gauge) sheet steel. Seat surface shall be vinyl-clad fabricated from 2.3 mm (13 gauge) punched & bent sheet steel. Panel shall have a baked-on electrostatically applied polyester dry powder coating.

**Steel Tap-A-Tune® Panel** shall be fabricated from 33.4 mm (1.312") O.D. pre-galvanized steel tubing. Panel and side plates shall be fabricated from 3 mm (11 gauge) sheet steel. Assembly shall contain a piano mechanism and a panel of 1.9 mm (14 gauge) galvanized steel, painted and silk screened with musical graphics. Prior to assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

**Steel Vehicle Panel** shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing 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. Headlights are fabricated from 127 mm (5") O.D. 11 gauge pre-galvanized round tubing with aluminum caps installed. Steering wheel shall be made from cast Tenzaloy, a high strength, self aging aluminum alloy. Prior to assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

**Steel Store Front** shall be fabricated from pre-galvanized, punched 11 gauge sheet steel welded to pre-galvanized 33 mm (1.315") steel tubing. Steel store front shall consist of two components: a counter and top section which can be used together to simulate a store or used independently. After fabrication the components shall have a baked-on electrostatically applied polyester dry powder coating.

**Steel Driving Panel** shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and a laser cut plate fabricated from 2.3 mm (13 gauge) pre-galvanized sheet steel. Side plates shall be fabricated from 3 mm (11 gauge) pre-galvanized sheet steel. Steering wheel shall be made from cast Tenzaloy, a high strength, self aging aluminum alloy. Prior to assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

**Metal Tic-Tac-Toe Panel** shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and 25.4 mm (1") O.D. pre-galvanized steel tubing. Side plates shall be 3.0 mm (11 gauge) sheet steel. Assembly will contain unpainted sand cast aluminum cylinders containing X's & O's. Prior to assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

**Metal Abacus Panel** shall be fabricated from a combination of 33.4 mm (1.312") O.D. pre-galvanized steel tubing and 25.4 mm (1") O.D. pre-galvanized steel tubing. Side plates shall be 3.0 mm (11 gauge) sheet steel. Abacus balls shall be machined from aluminum. Prior to assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

**Woven Wire Panel** shall consist of a frame fabricated from 33.4 mm (1.312") O.D. pre-galvanized steel tubing holding a panel of wire mesh with 6.35 mm (.25") diameter wire and 38.1 mm (1.5") x 38.1 mm (1.5") grid openings. Side plates shall be 3.0 mm (11 gauge) sheet steel. After assembly, panel shall have a baked-on electrostatically applied polyester dry powder coating.

**Turning and Chinning Bars and Single Rails** shall be fabricated from 33 mm (1.315") O.D. galvanized steel pipe and shall have a baked-on electrostatically applied polyester dry powder coating.

**Hex Roof** shall have the manufacturer's trademark applied to identify the source of the product. Roof shall be a double-wall construction. The roof shall be rotationally molded from linear low density polyethylene.

**Roofs** shall have the manufacturer's trademark applied to identify the source of the product. Roof shall be a double-wall construction. The roof shall be rotationally molded from linear low density polyethylene.

**Thatch Roof** shall have the manufacturer's trademark applied to identify the source of the product. Roof shall be a double-wall construction. The Thatch Roof shall be rotationally molded from linear low density polyethylene and assembled using M10 toggler bolts.

**Tikes Peak Roof (with/without Snow or Lava Cap)** shall be rotationally molded from linear low density polyethylene. Assembly hardware is stainless steel.

**Steel and Steel Mesh Square Roofs** shall consist of 4 pieces to be fabricated from 16 gauge pre-galvanized sheet steel with the mesh version containing 76 mm (3") x 6 mm (.25") slots punched in a regular pattern. The cupola shall be fabricated from 16 gauge pre-galvanized sheet steel and is installed using a 20.6 mm (.83") O.D. spacer. After fabrication the roofs shall have a baked-on electrostatically applied polyester dry powder coating.

**Steel and Steel Mesh Hex Roofs** shall consist of 6 pieces to be fabricated from 1.6 mm (16 gauge) sheet steel with the mesh version containing 76 mm (3") x 6 mm (.25") slots punched in a regular pattern. The cupola is fabricated from 2.3 mm (.13 gauge) some of which is punched with 16 mm (.625") diameter holes and 3.0 mm (.11 gauge) sheet steel. All parts shall have a baked-on electrostatically applied polyester dry powder coating.

**Mesh Gable Roof** shall have ribs fabricated from 11 gauge 127 mm (5") O.D. pre-galvanized steel tubing. Ribs shall be bent to a 610 mm (24") center line radius. Roof section shall be fabricated from 16 gauge pre-galvanized sheet steel with 6 x 76 mm (25" x 3") slots punched over the entire surface to provide light. The roof section shall be mechanically attached to each rib to form the gable roof assembly. After fabrication the gable roof shall have a baked-on electrostatically applied polyester dry powder coating. The gable roof shall be assembled using a roof post cap, which shall be fabricated from standard Kid Builders sleeve material with an 11 gauge cap and tab.

**Archway Roof** arches shall be fabricated from 11 gauge 127 mm (5") O.D. pre-galvanized steel tubing. Arches shall be bent to a 610 mm (24") center line radius. Roof section shall be fabricated from 16 gauge pre-galvanized sheet steel with 6 x 76 mm (25" x 3") slots fabricated over the entire surface to provide light. The roof section shall be mechanically attached to each arch to form the archway roof assembly. After fabrication the archway roof shall have a baked-on electrostatically applied polyester dry powder coating. The archway roof assembly shall be slipped inside Kid Builders™ arch sleeve posts with a drive screw tapped in flush to secure.

**Double Archway Roof** arches shall be fabricated from 11 gauge 127 mm (5") O.D. pre-galvanized steel tubing. Arches shall be bent to a 610 mm (24") center line radius. Roof section shall be fabricated from 16 gauge pre-galvanized sheet steel with 6 x 76 mm (25" x 3") slots fabricated over the entire surface to provide light. The roof section shall be mechanically attached to each arch to form the archway roof assembly. After fabrication the archway roof shall have a baked-on electrostatically applied polyester dry powder coating. The archway roof assembly shall be slipped inside Kid Builders™ arch sleeve posts with a drive screw tapped in flush to secure.

**Arches** shall be fabricated from 11 gauge pre-galvanized steel and shall have a 127 mm (5") O.D. Arches shall be bent to a 610 mm (24") center line radius. After fabrication the arches shall have a baked-on electrostatically applied polyester dry powder coating. The arches shall be slipped inside Kid Builders™ arch sleeve posts with a drive screw tapped in flush to secure.

**Hand Hold Loops** shall be fabricated from 33 mm (1.315") O.D. galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating. **Safety Loops** shall be fabricated from 33 mm (1.315") O.D. galvanized steel tubing with vertical rungs fabricated from 25 mm (1") O.D. pre-galvanized steel tubing. After fabrication all loop components shall have a baked-on electrostatically applied polyester dry powder coating. **Transition Loops** shall be fabricated from 42.2 mm (1.66") O.D. galvanized steel tube with a stub rail fabricated from 33 mm (1.315") O.D. galvanized steel welded into one end. All steel components shall have a baked-on electrostatically applied polyester dry powder coating.

**Talk Tubes** shall be fabricated from 48 x 3.4 mm (1.90" x .135") wall steel tubing. The "Phone funnel" shall be fabricated from sheet steel capped with tubing and have a perforated steel insert inside. Talk Tubes shall have a baked-on electrostatically applied polyester dry powder coating.

**All Steel Tube Components** shall comply with ASTM standards: A-500, or A-513. The steel tube components shall be pre-galvanized. The components are freed of excess weld spatter and shall be cleaned in a multiple bath system which shall include a rust-inhibitive iron phosphate wash prior to painting.

**Exceptions:** 127 mm (5") O.D. aluminum posts.

## **LTC. Little Tikes Commercial.Product Warranty Statement.**

### **Full One-Year Warranty**

PlayPower LT Farmington, Inc., (PPLT) warrants that if any product components fail due to defects in materials or workmanship, within one year from date of delivery, PPLT will repair or replace such defective components by providing free of charge replacement part(s) to the site. PPLT will not be responsible for the cost of labor for the removal of nor the cost of labor for the installation of repaired or replacement part(s). In addition, the following limited warranties apply from date of delivery for the following PPLT products and components:

### **Limited 100-Year Warranty**

On all KidBuilders<sup>a</sup> aluminum posts and steel clamps, under normal use and proper maintenance, against structural failure due to corrosion or deterioration from exposure to weather caused by defects in materials and workmanship.

### **Limited 100-Year Warranty**

On KidBuilders<sup>a</sup>, SkyBuilders<sup>a</sup>, PlayBuilders<sup>a</sup> and MaxPlay<sup>a</sup> steel posts and stainless steel hardware, under normal use and proper maintenance, against structural failure due to corrosion or deterioration from exposure to weather caused by defects in materials and workmanship.

### **Limited 50-Year Warranty**

On the performance of Landsoff<sup>a</sup> Rubber Mulch safety surfacing.

### **Limited 15-Year Warranty**

On KidBuilders<sup>a</sup>, SkyBuilders<sup>a</sup>, PlayBuilders<sup>a</sup> and MaxPlay<sup>a</sup> main structures under normal use and proper maintenance against structural failure due to corrosion or deterioration from exposure to weather caused by defects in materials and workmanship. This warranty includes only the vinyl clad decks, rails, loops and rungs that comprise the main structure.

### **Limited 15-Year Warranty**

On all KidBuilders<sup>a</sup>, SkyBuilders<sup>a</sup>, PlayBuilders<sup>a</sup> and MaxPlay<sup>a</sup> polyethylene slides, enclosures, and plastic components under normal use and proper maintenance against structural failure caused by defects in materials and workmanship.

### **Limited 10-Year Warranty**

On all ShadeBuilders<sup>a</sup> steel frames under normal use and proper maintenance against failure due to corrosion, deterioration or faulty workmanship.

### **Limited 10-Year Warranty**

On Landsoff<sup>a</sup> Rubber Mulch color steadfastness

### **Limited 8-Year Warranty**

On the performance and appearance of Landsoff<sup>a</sup> Synthetic Turf safety surfacing. Please contact your local representative for more information.

### **Limited 5-Year Warranty**

On all ShadeBuilders<sup>a</sup> fabric due to rot, UV deterioration (shades of red are limited to 3 years) or defective workmanship.

### **Limited 3-Year Warranty**

On all Playground Sculptures and PlayCenter polyethylene slides, enclosures, main structure, decks, and plastic components against failure caused by defects in materials and workmanship

### **Limited 3-Year Warranty**

On KidTiles<sup>a</sup>, KidTimbers<sup>a</sup>, Border Panels, RockTimbers<sup>a</sup> and all KidRiders<sup>a</sup> products (excluding spring assemblies) against structural failure due to defects in materials and workmanship.

PLEASE NOTE The above mentioned warranties do not include any cosmetic issues, e.g., scratches, dents, marring, fading of colors and discoloration of wood due to weathering, and are valid only if the products are installed in conformity with the layout plan and/or installation instructions furnished by PPLT; have been maintained and inspected in accordance with PPLT's instructions; have not been subjected to misuse, negligence or accident; have not been subjected to addition or substitution of parts; and have not been modified, altered or repaired by persons other than PPLT or PPLT's designees. Labor and damage resulting from vandalism, abnormal use, incorrect installation, or lack of maintenance are not covered by this warranty. Except as specifically stated herein, all warranties, express or implied, including but not limited to any implied warranty of MERCHANTABILITY or fitness for a particular purpose are hereby EXCLUDED. This warranty excludes any liability other than expressly stated including but not limited to any incidental or consequential damages.

### **Additional PPLT Policies**

For information on warranty claim procedures, contact the nearest PPLT location (see back cover) or write to: Play Power LT Farmington, Inc., P.O. Box 897, Farmington, Missouri 63640.

### **Pricing**

Prices are subject to change without notice. All orders are subject to approval by Play Power LT Farmington, Inc.'s, general office. Prices are F.O.B. Farmington, Missouri, (excluding Canada - F.O.B. Kitchener, Ontario) and do not include freight.

### **Specifications**

Product specifications in this catalog were correct at the time of publication. However, Play Power LT Farmington, Inc., has a history and policy of continuous product development and improvement and therefore reserves the right to improve, alter or discontinue specifications without notice.

### **Loss or Damage on Transit**

A signed bill of lading is our receipt from a carrier that our shipment to you was complete and in good condition. Before you sign, please check this bill of lading carefully when the shipment reaches you to make sure there are no damages or shortages. Once the shipment leaves our plant, we are no longer responsible for any damage, loss or shortage.

### **Cancellations and Returns**

Cancellations will be accepted upon written notification at our offices. Returns will be accepted only when freight charges are prepaid and we have expressly authorized the return. Parts not included are custom parts, as well as used or damaged parts. There will be a restocking fee for all returned orders and on cancelled orders.

### **Replacement Parts**

For park and playground replacement parts, contact the nearest PPLT location ( See current catalogue and see back cover).