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ASHLAND VA 23005

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

VIRGINIA PLAYGROUND SERVICES I

804-798-6842

## Request for Quotation

RFO NUMBER DNR209155

ADDRESS CORRESPONDENCE TO ATTENTION OF

FRANK WHITTAKER 304-558-2316

P ö **DIVISION OF NATURAL RESOURCES** WATTERS SMITH MEM'L STATE PARK PARK SUPERINTENDENT ATTN: POST OFFICE BOX 296 LOST CREEK, WV

26385

745-3081

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TITLE

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

### Request for p Quotation

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DNR209155

ADDRESS CORRESPONDENCE TO ATTENTION OF:

FRANK WHITTAKER <u> 304-558-2316</u>

RFQ NUMBER

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

ASHLAND VA 23005

DIVISION OF NATURAL RESOURCES WATTERS SMITH MEM'L STATE PARK PARK SUPERINTENDENT ATTN: POST OFFICE BOX 296 LOST CREEK, WV 26385 745-3081

FREIGHT TERMS FOB TERMS OF SALE SHIP VIA DATE PRINTED 05/20/2009 BID OPENING TIME 01:30PM BID OPENING DATE: 06/18/2009 CAT. AMOUNT UNIT PRICE ITEM NUMBER QUANTITY UOP LINE ALTERNATES SHOULD SO STATE AND INCLUDE PERTINENT LITERATURE AND SPECIFICATIONS. FAILURE TO PROVIDE INFORMATION FOR ANY ALITERNATES MAY BE GROUNDS FOR THE STATE RESERVES THE RIGHT REJECTION OF THE BID. TO WAIVE MINOR IRREGULARITIES IN BIDS OR SPECIFICATIONS IN ACCORDANCE WITH SECTION 148-1-4(F) OF THE WEST VIRGINIA LEGISLATIVE RULES AND REGULATIONS. NOTICE A SIGNED BID MUST BE SUBMITTED TO: DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION BUILDING 15 2019 WASHINGTON STREET, EAST CHARLESTON, WV 25305-0130 THE BID SHOULD CONTAIN THIS INFORMATION ON THE FACE OF THE ENVELOPE OR THE BID MAY NOT BE CONSIDERED: SEALED BID 44 BUYER: DNR209155 RFQ. NO.: 06/18/09 BID OPENING DATE: 1:30 PM BID OPENING TIME: SEE REVERSE SIDE FOR TERMS AND CONDITIONS TELEPHONE SIGNATURE FEIN ADDRESS CHANGES TO BE NOTED ABOVE



DATEPRINTED

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

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## Request for BEONUMBER Quotation

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FREIGHTTERMS

FRANK WHITTAKER

ADDRESS CORRESPONDENCE TO ATTENTION OF 304-558-2316

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

**DIVISION OF NATURAL RESOURCES** WATTERS SMITH MEM'L STATE PARK PARK SUPERINTENDENT POST OFFICE BOX 296 LOST CREEK, WV 26385 745-3081

05/20/									
BID OPENING DATE:		06/18/	2009			BID	OPE	NING TIME 01	:30PM
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To supply playground equipment to offer play activities for children ages five (5) to twelve (12) at Watters Smith Memorial State Park, Lost Creek, West Virginia. Playground equipment will be purchased for three separate areas in the park. Park personnel will install all equipment and curbs. 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 sixty (60) days of purchase order award.

## AREA 1 - ACTIVITIES BUILDING AREA

PrimeTime mix it up play structure, Item #G11813, or equal. Uprights must be a minimum of 11 gauge galvanized steel; must have a minimum of 3 mil oven cured powder coating; and must have a minimum diameter of 3 1/2". Structure must include the following components:

- One (1) PrimeTime driver's enclosure panel, Item #18391, or equal.
- One (1) PrimeTime toad stool climber, Item #12239, or equal.
- One (1) PrimeTime triangle transfer platform, Item #18337, or equal.
- One (1) PrimeTime square stepped deck. Deck dimensions must be a minimum of 36" x 36", or equal.
- One (1) PrimeTime gizmo single panel, Item #12964, or equal.
- One (1) PrimeTime nature panel, Item #12429, or equal.
- One (1) PrimeTime rumble and roll zip slide, Item #18389, or equal. Slide must be a minimum height of 3' in height.
- One (1) PrimeTime stepped platform, Item #18259, or equal.
- One (1) PrimeTime giant wave climber, Item #18383, or equal. Climber must be a minimum height of 5'.
- One (1) PrimeTime slate roof, Item #18672, or equal.
- One (1) PrimeTime F5 spiral slide with hood, Item #18316, or equal. Slide must be a minimum of 6' in height.

- One (1) PrimeTime rock wall climber, Item #12922, or equal. Climber must be a minimum height of 5' in height.
- One (1) PrimeTime rectangle deck. Deck dimensions must be a minimum of 45  $\frac{1}{2}$ " x 36" and be a minimum of 3' in height.
- One (1) PrimeTime square deck or equal. Deck dimension must be a minimum of 36" x 36" and must be a minimum of 3' in height.

PrimeTime Swing Frame, Item #12583, 3 1/2" OD minimum, or equal. Top rail and arch must have a minimum 3 ½ inch OD; arch must be a minimum of 11 gauge galvanized steel tubing; must include a minimum of 3 ½ inch OD galvanized steel sleeve; must be polyester powder coat; must be a minimum of 8 foot high with finished surface; and must accommodate two (2) free standing swings.

PrimeTime Add-A-Bay Swing, Item #12584, 3 1/2 " OD minimum, or equal. Top rail and arch must have a minimum 3 ½ inch OD; arch must be a minimum of 11 gauge galvanized steel tubing; must include a minimum of 3 ½ inch OD galvanized steel sleeve; must be polyester powder coat; must be a minimum of 8 foot high with a finished surface; 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 inch top rail.

PrimeTime super seat 3 ½ OD, Model 8906, or equal. Package must include all hardware necessary to attach seat to a minimum of a 3 ½ inch top rail.

#### AREA 2 – PIONEER PICNIC AREA

PrimeTime playground structure, Model #RDU, PrimeTime modular unit, or equal. The structure must include the following components:

- One (1) PrimeTime tic-tac-toe panel, Item #12004, or equal. Panel must be a minimum
   5' in length.
- Three (3) PrimeTime 3 1/2" uprt ass'y galv 8', Item #G12023, or equal.
- Four (4) PrimeTime 3 1/2" uprt ass'y galv 9', Item #G12024, or equal.

- One (1) PrimeTime 3 1/2" uprt ass'y galv 11', Item #G12026, or equal.
- Two (2) PrimeTime 3 1/2" uprt ass'y galv 12', Item #G12027, or equal.
- One (1) PrimeTime chin bar single, Item #12201, or equal.
- One (1) PrimeTime toad stool climber, Item #12239, or equal. Climber must be heavy molded rubber and not more than 18" off the ground.
- One (1) PrimeTime rung enclosure barrier, Item #12411, or equal. Barrier must be a minimum of 2′ 6″ in width.
- One (1) PrimeTime barrier w/steering wheel, Item #12432, or equal. Barrier must be a minimum of 3' in width.
- One (1) PrimeTime Single Seat P/T, Model 12728, or equal.
- One (1) PrimeTime Bubble Climber, Item #12926, or equal. Climber must be fabricated from a minimum of 1 5/8" OD 14 gauge (.083") galvanized steel tubing 1 5/16" OD x .083" (14 gauge) wall galvanized steel tubing, or equal. Must be all welded construction.
- One (1) PrimeTime 36" Sq Punched Deck P/T 1.3125, Model 18200, or equal.
- One (1) PrimeTime Rect Punched Deck P/T, Model 18202, or equal.
- One (1) PrimeTime 2'-0" Step Link 36" Deck, Model 18259, or equal.
- One (1) PrimeTime F5 Spiral Slide, Item #18315, or equal. Slide must be a minimum of 6' in height.
- One (1) Tri Transfer Platform (36" minimum), Item #18337, or equal.
- One (1) PrimeTime Rumble and Roll Zip Slide, Item #18389, or equal. Slide must be a minimum of 3' in height.
- One (1) Primetime Model G12022, 3 1/2" Uprt Ass'Y Galv 7', Item #12583, or equal.
- One (1) PrimeTime Model G12026, 3 1/2" Uprt Ass'Y Galv 11', Item #12584, or equal.

PrimeTime Swing Frame, Model 12583, 3 1/2" OD minimum, or equal. Top rail and arch must have a minimum 3  $\frac{1}{2}$  inch OD; arch must be a minimum of 11 gauge galvanized steel tubing;

must include a minimum of 3 ½ inch OD galvanized steel sleeve; must be polyester powder coat; must be a minimum of 8 foot high with finished surface; and must accommodate two (2) free standing swings.

PrimeTime, Add-A-Bay Swing, Model 12584, 3 1/2 " OD minimum, or equal. Top rail and arch must have a minimum 3 ½ inch OD; arch must be a minimum of 11 gauge galvanized steel tubing; must include a minimum of 3 ½ inch OD galvanized steel sleeve; must be polyester powder coat; must be a minimum of 8 foot high with a finished surface; and must accommodate two (2) free standing swings.

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

PrimeTime super seat 3 ½" OD, Item #8906, or equal. Package must include all hardware necessary to attach seat to a minimum of a 3 ½ inch top rail.

PrimeTime freestanding mini sky runner, Item #6202, or equal.

### AREA 3 - OAK RIDGE PICNIC AREA

PrimeTime playground structure Item #11752 PrimeTime Recess Time 2 W/Roof or equal. The structure must include the following components:

- PrimeTime 3 ½ OD Uprights, or equal.
- Four (4) Decks, or equal.
- One (1) PrimeTime Zip Slide, or equal.
- One (1) PrimeTime Wave Zip Slide, or equal.
- One (1) PrimeTime (4' minimum) Arch Bridge with Barriers, or equal.
- PrimeTime Transfer Platform, or equal.
- PrimeTime Access Attachment, or equal.
- One (1) PrimeTime Overhead Tree Climber, or equal.
- One (1) PrimeTime Therapeutic Rings, or equal.

- One (1) Primetime D Ring Package, or equal.
- One (1) PrimeTime Zipper Climber, or equal.
- One (1) PrimeTime Arch Climber, or equal.
- One (1) PrimeTime Tic-Tac-Toe Panel, or equal.
- One (1) PrimeTime 6" minimum barrier, or equal.
- One (1) PrimeTime Barrier Enclosure with Steering Wheel, or equal.

PrimeTime, Swing Frame, Model 12583, 3 1/2" OD minimum, "or equal." Top rail and arch must have a minimum 3 ½ inch OD; arch must be a minimum of 11 gauge galvanized steel tubing; must include a minimum of 3 ½ inch OD galvanized steel sleeve; must be polyester powder coat; must be a minimum of 8 foot high with finished surface; and must accommodate two (2) free standing swings.

PrimeTime, Add-A-Bay Swing, Model 12584, 3 1/2 " OD minimum, "or equal." Top rail and arch must have a minimum 3 ½ inch OD; arch must be a minimum of 11 gauge galvanized steel tubing; must include a minimum of 3 ½ inch 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  $\frac{1}{2}$ " OD, Item #8696, or equal. Package must include all hardware necessary to attach seat to a minimum of a 3  $\frac{1}{2}$  inch top rail.

PrimeTime super seat 3 ½ OD, Model 8906, "or equal." Package must include all hardware necessary to attach seat to a minimum of a 3 ½ inch top rail.

## ITEMS FOR ALL THREE PLAYGROUND AREAS

Engineered wood fiber, 2056 square feet, @ 8" compacted depth. Material must be recently harvested and debarked; free of chemical treatments and additives; free of soil, twigs, leaves and other contaminates.

Geo-textile fabric, 2250 square foot rolls, "or equal." Fabric must provide a water permeable separation between the earth and the wood fiber and at least 150 gallons per square foot per minute.

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

- 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.

Vendors must submit the following attachments:

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

#### 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.

Structural steel members and play surfaces must be treated for rust prevention and painted with a suitable powder coat finish. All molded plastics and vinyl coatings must have UV protection

Vendor must provide complete installation instructions, parts specifications, touch-up paint sufficient for initial installation, and warranties.

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

A mandatory pre-bid conference will be held on ?, 2009, at Watters Smith Memorial State Park at park headquarters. A failure to attend the mandatory pre-bid conference will result in bid disqualification. An individual may not represent more than one firm at the pre-bid conference.

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.

Item No	Equipment	Manufacturer	Model
1	AREA 1-ACTIVITIES BUILDING AREA, PrimeTimemix it up play structure, Item #G11813, or equal. Structure must include the following components:	Little Tikes	CP847_39979384340
2	AREA 1- ACTIVITIES BUILDING AREA, One (1) PrimeTime driver's enclosure panel, Item #18391, or equal.	Little Tikes	200054616
3	AREA 1- ACTIVITIES BUILDING AREA, One (1) PrimeTime toad stool climber, Item #12239, or equal.	Liftle Tibers	2.00092985
4	AREA 1- ACTIVITIES BUILDING AREA, One (1) PrimeTime triangle transfer platform, Item #18337, or equal.	Little Tikes	200083503
5	Area 1 - ACTIVITIES BUILDING AREA, One (1) PrimeTime square stepped deck, or equal.	Little Tixes	1000057-74

Item No	Equipment	Manufacturer	Model
6	Area 1 - ACTIVITIES BUILDING AREA, One (1) PrimeTime gizmo single panel, Item #12964, or equal. Panel must include a click wheel gizmo, Item #4839, or equal.	Cittle tikes	200015732
7	Area 1 - ACTIVITIES BUILDING AREA, One (1) PrimeTime nature panel, Item #12429, or equal.	l 1141+ tikes	200054650
8	Area 1 - ACTIVITIES BUILDING AREA One (1) PrimeTime rumble and roll zip slide, Item #18389, or equal.	114127121	20020032 <u>9</u>
9	Area 1 - ACTIVITIES BUILDING AREA, One (1) PrimeTime stepped platform, Item #18259, or equal.	little tikes	26626667.
10	Area 1 - ACTIVITIES BUILDING AREA, One (1) PrimeTime giant wave climber, Item #18383, or equal.	little tikes	200200273
11	Area 1 - ACTIVITIES BUILDING AREA One (1) PrimeTime slate roof, Item #18672, or equal.	I was tive o	2001091050
12	Area 1 - ACTIVITIES BUILDING AREA, One (1) PrimeTime F5 spiral slide with hood, Item #18316, or equal.		200122443

Item No	Equipment	Manufacturer	Model
13	Area 1 - ACTIVITIES BUILDING AREA, One (1) PrimeTime rock wall climber, Item #12922, or equal.	(ittle Tikes	2,00068766
14	Area 1 - ACTIVITIES BUILDING AREA, One (1) PrimeTime rectangle deck, or equal.	Little tixes	1000057274
15	Area 1 - ACTIVITIES BUILDING AREA, One (1) PrimeTime square deck, or equal.	Little Tires	160005350
16	Area 1 - ACTIVITIES BUILDING AREA, One (1) PrimeTime Model 12583 Swing Frame, 3 1/2" OD, or equal.	Liffe files	200122460
17	Area 1- Activities Building Area, One (1) PrimeTime add-a-bay swing, Item #12584, or equal.	Little Tikes	200122501
18	Area 1- Activities Building Area, Two (2) PrimeTime Model 8696 3 1/2" OD Enclosed Tot Seat with two (2) Galv Chains, or equal.	Coffic Tikes	25017-2501
19	Area 1- Activities Building Area, Two (2) PrimeTime Item #8906 3 ½" Super Seats with two (2) Galv Chains, or equal.	Lette tikes	200122440

Item No	Equipment	Manufacturer	Model
20	AREA 2-PIONEER PICNIC AREA, PrimeTime playground structure Model #RDU PrimeTime Modular unit, or equal. The structure must include the following components:	Little Tiece	LP847_39979398345
21	Area 2- PIONEER PICNIC AREA, One (1) PrimeTime Item #12004 Tic-Tac-Toe Panel, or equal.	· Little Tikes	2000541026
22	Area 2 -PIONEER PICNIC AREA, PrimeTime Model G12023 3 1/2" Uprt Ass'Y Galv 8', or equal.	LHIC TIECS	20010155
23	Area 2- PIONEER PICNIC AREA, PrimeTime Model G12024 3 1/2" Uprt Ass'Y Galv 9',or equal.	Lille TIVES	200101172
24	Area 2 -PIONEER PICNIC AREA, PrimeTime Model G12026 3 1/2" Uprt Ass'Y Galv 11' ,or equal.	Little 714s	20010113
25	Area 2- PIONEER PICNIC AREA PrimeTime Model G12027 3 1/2" Uprt Ass'Y Galv 12', or equal.	Lille Tikes	200 101509
26	Area 2- PIONEER PICNIC AREA One (1) PrimeTime Model 12201 Single Chin Bar, or equal.	Little Tikes	200060513
27	Area 2- PIONEER PICNIC AREA One (1) PrimeTime Model 12239 Toad Stool Climber, or equal.	Little TIKES	2000972985

tem No	Equipment	Manufacturer	Model
28	Area 2- PIONEER PICNIC AREA, One (1) PrimeTime Model 12411 Rung Enclosure Barrier ,or equal.	Little Tikes	200054614
29	Area 2- PIONEER PICNIC AREA, One (1) PrimeTime Model 12432 Barrier W/Steering Wheel, or equal.	Little tikes	200054616
30	Area 2- PIONEER PICNIC AREA, One (1) PrimeTime Model 12728 Single Seat P/T, or equal.	Colle Tives	200054654
31	Area 2- PIONEER PICNIC AREA, One (1) PrimeTime Model 12926 4'-6"/5' Bubble Climber, or equal.		200034526
32	Area 2- PIONEER PICNIC AREA, PrimeTime Model 18200 36" Sq Punched Deck P/T 1.3125, or equal.	Little TIXES	1000052.74
33	Area 2- PIONEER PICNIC AREA, PrimeTime Model 18202 Rect Punched Deck P/T, or equal.	attle Tikes	100005274
34	Area 2- PIONEER PICNIC AREA, PrimeTime Model 18259 2'-0" Step Link 36" Deck, or equal.	cittle Tixes	2002400
35	Area 2- PIONEER PICNIC AREA, One (1) PrimeTime Model 18315 6' F5 Spiral Slide, or equal.	Little tykes	200122443
36	Area 2- PIONEER PICNIC AREA, PrimeTime Model 18337 36" Tri Transfer Platform, or equal.		206088503

Item No	Equipment	Manufacturer	Model
37	Area 2- PIONEER PICNIC AREA, One (1) PrimeTime Model 18389 3' Rumble & Roll Zip Slide, or equal.	Little Tikes	200200330
38	Area 2- PIONEER PICNIC AREA, PrimeTime Model G12022 3 1/2" Uprt Ass'Y Galv 7', or equal.	Little Tixes	200101173
39	Area 2 PIONEER PICNIC AREA, PrimeTime Model G12026 3 1/2" Uprt Ass'Y Galv 11', or equal.	Little Tikes	200101175
40	Area 2- Pioneer Picnic Area, One (1) PrimeTime Model 12583 Prime Time Swing Frame, 3 1/2" OD, or equal.	cittle Tiles	200127459
41	Area 2- Pioneer Picnic Area, One (1) PrimeTime Model 12584 Swing Add-A-Bay, 3 1/2" OD, or equal.	cittle Tires	200122505
42	Area 2- Pioneer Picnic Area, Two (2) PrimeTime Model 8696 3 1/2" Enclosed Tot-Galv Chain,or equal.	Citte TIXES	200122459
43	Area 2 - Pioneer Picnic Area, Two (2) PrimeTime Model 8906 3 ½" Super Seats with two (2) Galv Chains ,or equal.	Citte Tites	Z-061 2 2505
44	Area 2 - Pioneer Picnic Area, PrimeTime Freestanding Mini Sky Runner, Model 6202, or equal.	Little Tiles	200201376

Item No	Equipment	Manufacturer	Model
45	Area 3- OAK RIDGE PICNIC AREA, PrimeTime playground structure Model #11752 PrimeTime Recess Time 2 W/Roof, or equal. The structure must include the following components:	Lithe Tikes	LP947_39980515356
46	Area 3- OAK RIDGE PICNIC AREA, PrimeTime 3 1/2 OD Uprights, or equal.	cittle Tives	200109105
47	Area 3- OAK RIDGE PICNIC AREA, Four (4) PrimeTime Decks, or equal.	Little Tikes	100005274 (1)
48	Area 3- OAK RIDGE PICNIC AREA, One (1) PrimeTime Zip Slide, or equal.	eithe Tires	20064813
49	Area 3- OAK RIDGE PICNIC AREA, One (1) PrimeTime Wave Zip Slide, or equal.	cipie Tilers	2.000648)2
50	Area 3- OAK RIDGE PICNIC AREA, One (1) PrimeTime 4' Arch Bridge with Barriers, or equal.	Little TIKES	200126269
51	Area 3- OAK RIDGE PICNIC AREA, One (1) PrimeTime Transfer Platform, or equal.	Little TIVES	200060795
52	Area 3- OAK RIDGE PICNIC AREA, One (1) PrimeTime Access Attachment, or equal.	citic Tiles	200060795
53	Area 3- OAK RIDGE PICNIC  AREA- One (1) PrimeTime  Overhead Tree Climber, or equal.		20043217

Item No	Equipment	Manufacturer	Model
54	Area 3- OAK RIDGE PICNIC AREA, One (1) PrimeTime Therapeutic Rings, or equal.	Little tikes	2000(005)3
55	Area 3- OAK RIDGE PICNIC AREA, One (1) PrimeTime D Ring Package , or equal.	Little Tites	200058176
56	Area 3- OAK RIDGE PICNIC AREA, One (1) PrimeTime Zipper Climber, or equal.	Little Tipes	200054584
57	Area 3- OAK RIDGE PICNIC AREA, One (1)PrimeTime Arch Climber, or equal.	Little Tikes	200 05 4540
58	Area 3- OAK RIDGE PICNIC AREA, One (1) PrimeTime Tic- Tac-Toe Panel, or equal.	wither tites	200094638
59	Area 3- OAK RIDGE PICNIC AREA, PrimeTime 6" Barrier, or equal.	Little TIKES	Z000(153)
60	Area 3- OAK RIDGE PICNIC AREA, PrimeTime BarrierEnclosure with Steering Wheel, or equal.		200054,016
61	Area 3- OAK RIDGE PICNIC AREA, One (1) PrimeTime Model 12583 Swing Frame, 3 1/2" OD, or equal.	Little Tilles	200122466
62	Area 3- OAK RIDGE PICNIC AREA, One (1) PrimeTime Model 12584 Add-A-Bay Swing , 3 1/2" OD, or equal.	Little Tokes	200122561
63	Area 3- OAK RIDGE PICNIC AREA, Two (2) PrimeTime Model 8696 3 1/2" Enclosed Tot-Galv Chain, or equal.	Little Tikes	200122561
64	Area 3- OAK RIDGE PICNIC AREA, Two (2) PrimeTime Model 8906 3 1/2" Super Seat 2-Galv Chain, or equal.	Little Tives	200122460

Item No	Equipment	Manufacturer	Model
65	2056 Square Feet of Engineered Wood Fiber for all three playgrounds @ 8" compacted depth, or equal	ZEABER BRAND	ENF WOODCARPE ZEAGER SYSTEM-I
	Geo-textile fabric for all Three Playgrounds, 2,250 sq. ft., roll, or equal.	PROPEX	# 1009743 NON WOVEN 6MIL

## WVDNR209155

## Watters Smith Memorial State Park Playground Equipment

## PRICING SHEET

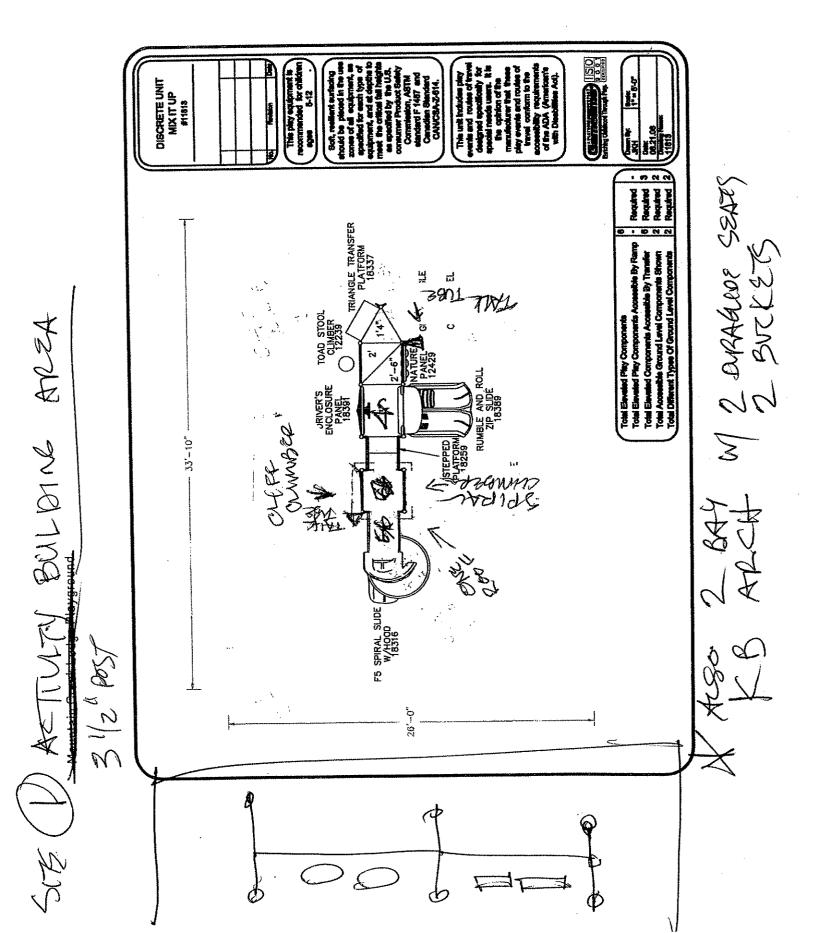
Item No.	Quantity	Description	Unit Price	Amount	
1	1	Area 1- Activities Building Area, PrimeTime playground structure and components for Activity Building Area- Model #G11813 PrimeTime Mix It Up modular	8,710	\$9,00H	
2	1	unit , or equal.  Area 1 - Activities Building Area,  PrimeTime swing frame, model  12583, or equal.	1,282	\$ 1,282	
3	1	Area 1- Activities Building Area, PrimeTime swing add-a-bay, Item #12584, or equal.	801	\$ 861	
4	2	Area 1 - Activities Building Area, PrimeTime tot seat package 3 1/2 inch OD, Item #8696, or equal.	u5.	\$ 129	
5	2	Area 1- Activities Building Area, PrimeTime super seat 3 ½ OD, Model 8906, or equal.		(4) (4) (4) (4) (4) (4) (4) (4) (4) (4)	
6	1	Area 2- Pioneer Picnic Area, PrimeTime playground structure and components for Pioneer Picnic Area PrimeTime Modular Unit Model#RDU, or equal.	7,830	\$8,124	
7	1	Area 2 - Pioneer Picnic Area, PrimeTime swing frame, model 12583, or equal.	1,318	# 1,3 18	
8	1	Area 2- Pioneer Picnic Area, PrimeTime swing add-a-bay, Item #12584, or equal.	801	\$ 801	
9	2.	Area 2 - Pioneer Picnic Area, PrimeTime tot seat package 3 1/2 inch OD, Item #8696, or equal.	<b>U</b> 5	\$129	

## WVDNR209155

## Watters Smith Memorial State Park Playground Equipment

## PRICING SHEET

Item No.	Quantity	Description	Unit Price	Amount
10	2	Area 2- Pioneer Picnic Area, PrimeTime super seat 3 ½ OD, Model 8906, or equal.	5	\$14
11	1	Area 2 - Pioneer Picnic Area,- PrimeTime Freestanding Mini Sky Runner, Model 6202, or	1200	\$1,200
12	1	Area 3- Oak Ridge Picnic Area, PrimeTime playground structure and components, Model#11752 PrimeTime Recess Time-2 W/Roof, or equal.	6774.	步7,068
13	1	Area 3 - Oak Ridge Picnic Area PrimeTime swing frame, model 12583, or equal.	1,282	#1,282
14	1	Area 3- Oak Ridge Picnic Area, PrimeTime add-a-bay swing, Item #12584, or equal.	361	108#
15	2	Area 3 - Oak Ridge Picnic Area, PrimeTime tot seat package 3 1/2 inch OD, Item #8696, or equal.	05	#129
16	2	Area 3- Oak Ridge Picnic Area, PrimeTime super seat 3 ½ OD, Model 8906, or equal.		
17	3 Rolls	Geo-textile fabric, 2,250 Sq. Ft. roll, or equal.	0.10	\$ 650
18	6,447 Square Ft.	Engineered wood fiber or equal @ 8" compacted depth.	1,167	\$3,500
		TOTAL		\$ 36,740

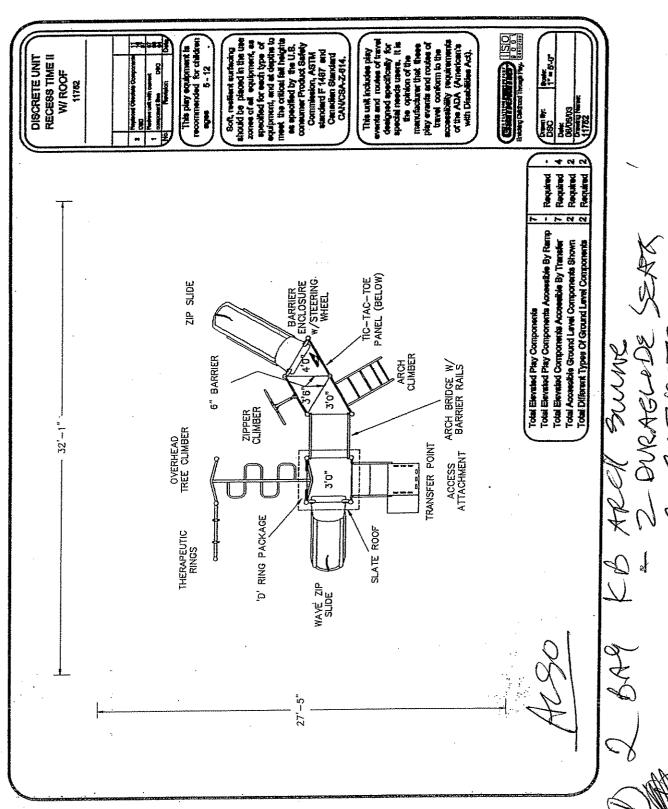


Friedring Childhoot Through Play, SERTITIES equipment, and at depths to meet the critical fall heights accessibility requirements of the ADA (American's with Disabilities Act). should be placed in the use zones of all equipment, as events and routes of travel This play equipment is recommended for children specified for each type of as specified by the U.S. consumer Product Safety special needs users. It is play events and routes of designed specifically for manufacturer that: these This unit includes play Soft, resillent surfacing Commission, ASTM standard F 1487 and fravel conform to the Canadian Standard the opinion of the CAN/CSA-Z-614. SISCRETE UNIT LINEAR LANE 5-12 Drawn By: SRD sabe Required Required Required Required F5 SPIRAL SLIDE 50 00 Total Elevated Play Components Accessible By Ramp Total Elevated Components Accessible By Transfer Total Accessible Ground Level Components Shown Total Different Types Of Ground Level Components K Total Elevated Play Components 5-TAC-TOE PANEL 12004 STATE SINGLE SEAT 12728 CLIMBER တ် CHINNING BAR SINGLE 12201 5,0, My MA STEPPED PLATFORM 18259 34'-10"RUMBLE AND ROLL ZIP SLIDE 18389 BARRIER ENCLOSURE W/STEERING WHEEL 12432 C 3,0 BARRIER ENCLOSURE 12411 2,6" 2,0 TOAD STOOL CLIMBER 12239 TRIANGLE TRANSFER PLATFORM 18337 25'-2"

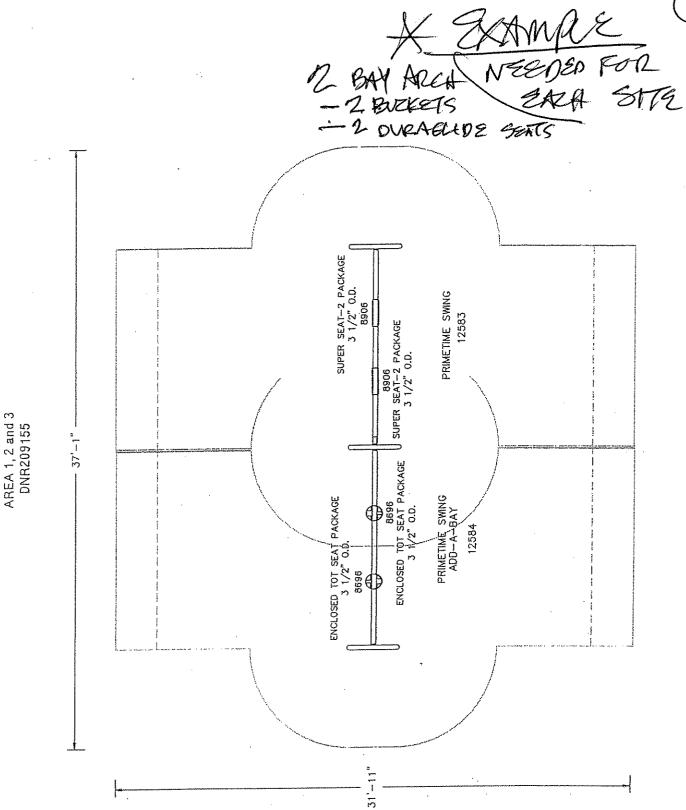
PIONEER PICNIC AREA

5078

DNR209155



Playground Equipment by GameTime : GTEvents : Mini Sky Runner PIONEER PICNIC AREA Hodel Liew DNR209155 GTEvents Mini Sky Run ONY NEGO 30 NOT



STATE OF WLST VIKGINIA Purchasing Division

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State Control of the citate or any of its political subdivisions to any vendor or prospective vendor which the vendor or prospective vendor or a related party to the vendor or prospective vendur is a debtur and the debt owned 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 vender 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 subscribuder, compliance with Section 5, Article 10, Chapter 21 of the West Virginia Code may take plane before their work on the public improvement is begun.

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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.

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 ullier state agencies or pullical subdivision. Furthermore, the vender 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.

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 attirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

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	111 1201	110 0/1	1/20 1/201	Date:	6-12C	7	
Authorized Signa	ture: MA XVV C						
Purchasing Affidavit (	Revised 01/01/09)	•			•		
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Little Tikes Commercial Equipment
Jim Benedict P.O. 1494
1607 East Market Street
Charlottesville, VA. 22902
iim@vaplaygrounds.com
434 249 2158 (cell)
434 296 3289 (fax)



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

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 guidelines. We have attempted to meet the specifications and stated requirements and drawings showing play events. Plan views and D 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 3.5 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

A. Product Data: Submit manufacturer's product data, including warranty, maintenance and installation instructions, ASTM F1292, F1951, and F2075 test results, IPEMA certificates of compliance, and samples.

#### B. Manufacturer Qualifications:

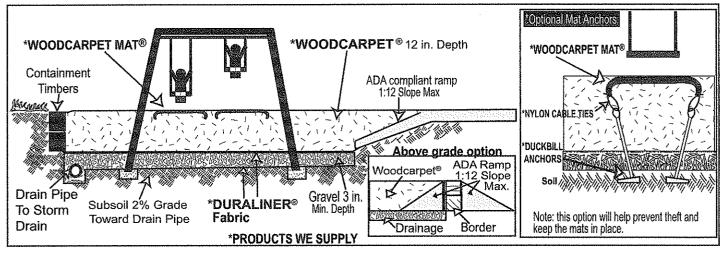
- 1. Member of International Play Equipment Manufacturer's Association (IPEMA).
- 2. Total Liability Insurance Coverage: \$11,000,000.
- 3. Sales Representatives attend National Playground Safety Institute (NPSI) training.

### C. Warranty Covers Playground Surfacing for Following Periods:

- 1. Engineered Wood Fiber Playground Surfacing: 15 years
- 2. Playground Surfacing Wear Mat: 5 years

#### D. Manufacturer:

- 1. Zeager Bros., Inc., 4000 East Harrisburg Pike, Middletown, Pennsylvania 17057. Toll Free (800) 346-8524.
- 2. Zeager Hardwood Co., 340 Steele Road, Franklin, KY 42134. Toll Free (800) 296-9227.



- E. Application: outdoor playground surface using drainage gravel.
- F. Critical Height: 12"/12 feet fall protection. 8" / 8 feet fall protection.

### G. Installation Procedure:

- 1. Review project plans and verify that playground equipment use zones, clearances, and reach ranges will comply with ASTM F1487 sections 8, 9, and 10, and with CAN/CSA-Z614 sections 14 and 15.
- 2. Prepare the site in accordance with the project engineer's directions and project specifications. Ensure that drainage is routed away from or around the playground area to prevent sand, soil, silt, or other foreign material from contaminating the WOODCARPET®. Grade subsoil to a 2% grade toward the drain pipe. Max 7-8% with stable sub--surface.
- 3. Install playground equipment.
- 4. Place a layer of DURALINER® on top of the subsoil. Overlap seams 10 in. (25cm), or 5 in. (63cm) if a double bead of exterior grade construction adhesive is applied to the overlap. Place seams parallel to direction of slides and travel of swings when ever possible.
- 5. Excavate a minimum 8 in, w. x 8 in, d. (20cm x 20cm) trench along the low end of the area to a storm drain. Install drain pipe.
- 6. Spread drainage gravel (1 in. 2 in. [3cm-6cm] clean gravel) to a minimum depth of 3 in. (8cm). Fill drainage trench.
- 7. Install timbers or an alternate containment system above or below grade. Provide for an access ramp up to play surface if above ground (max 7-8%) or down to if play surface is below grade that complies with ASTM F1487 Section 10.
- 8. As described in Step 4, place an additional layer of DURALINER® on top of the drainage gravel.

  9. Spread WOODCARPET® to a minimum depth of 8 in. after compaction for play equipment under 4 ft. high and to a minimum depth of 12 in after compaction for play equipment over 4 ft. high. Natural compaction (approx. 1/3) will occur in 2 - 6 weeks. WOODCARPET® must be compacted to be accessible. Mechanically compacting WOOD--CARPET® requires approximately 15% more WOODCARPET® than natural compaction. Exercise caution to prevent damaging the DURALINER® and drain materials. Do not operate equipment directly on the DURALINER®,
- \*10. Install a WOODCARPET® Mat (PVC or Foam) in each kick-out area. When installing a wear mat on top of WOODCARPET®, dig a channel around the mat edge down to the base of the WOODCARPET® and slope mat edges down into the channel. If anchoring the mat, install anchors and nylon cable ties to attach the mat to the anchors. Refill the channel with WOODCARPET®. Foam mats must use anchor system with system 1. Anchoring is optional for PVC mats.
- 11. Inspect the playground and verify that playground equipment use zones, clearances, and reach ranges comply with ASTM F1487 sections 8, 9, and 10, and with CAN/CSA-Z614 sections 14 and 15.
- 12. Rake WOODCARPET® level a second time two weeks after installation is finished and as needed thereafter. \*Installation of wear mats under all swings and other high-use areas is required in the state of California.

#### H. Notes:

- 1. Inadequate drainage voids the WOODCARPET® conditional limited warranty and hastens decomposition.
- For immediate accessibility, install WOODCARPET® in 6 in.
  maximum layers. Rake level, wet, and mechanically compact
  each layer twice with a flat surface compactor. Change direction 90 degrees on second compaction.
- Periodic maintenance should include removing debris, raking and topping off by performing steps 9 and 11. See also WOODCARPET® maintenance recommendations.

#### I. Products

- 1. Engineered Wood Fiber Playground Surfacing: WOODCARPET® a.Composition:
  - (1) Premium Woodcarpet contains 100% pre-consumer recovered wood.
  - (2) Recycled Woodcarpet may contain up to 100% post-consumer recovered wood.
  - b. Dimensions: Randomly sized wood fibers.
  - c. Sieve Analysis, ASTM F2075: Meets criteria.
  - d. Hazardous metal, ASTM F2075: Meets criteria.
  - e. Tramp metal, ASTM F2075: Meets criteria.
  - f. Impact, ASTM F1292-04: 8 inches meets criteria up to 8 ft. fall height and 12 inches meets criteria up to 12 ft. fall height.
  - g. Accessibility, ASTM F1951-08: Meets criteria.
  - h. Resistance to Flammability, 16 FR Part 1630 Standard for Surface. Flammability of Carpets and Rugs (FFI-70), Modified Procedurer. Not Oven Dried: Meets Criteria.
  - i. Flammability, 16 CFR 1500.44, Federal Hazardous Substances Act Title 16, Chapter II, Subchapter C for Rigid and Pliable Solids: Did not ignite.
  - j. IPEMA Certification: 8"/8ft., 12"/12ft. Fall protection. F1292-04 Tramp metals, Sieve analysis, Heavy Metals. F2075

### 2. Fabric: DURALINER®

- a. Composition: Non-woven, needle-punched, UV-treated, polypropylene or polyester spun bound fabric.
- b. Recycled content: 0%.
- c. Size: 5 or 6 feet wide x 250 feet long.
- d. Weight, ASTM D3776: Min. 3.69 ounces per square yard.
- e. Thickness, ASTM D5199: min.55 mils.
- f. Grab Tensile Strength, ASTM D4632: min. 90 pounds.
- g. Mullen Burst Strength, ASTM D3786: min. 132 pounds.
- h. Puncture Resistance, ASTM D4833: min. 60 pounds.
- i. Trapezoid Tearing Strength, ASTM D4533: min. 40 pounds.
- j. Permittivity, ASTM D4491: min. 1.9 sec-1.
- k. Flow Rate, ASTM D4491: min. 145 gallons per minute per sq.ft
- 1. Permeability, ASTM D4491: min. 0.24 centimeters per second.

#### I. Products-cont.

- 3. Playground Surfacing Wear Mat: WOODCARPET® PVC MAT
- a. Composition: Polyvynhlcloride (PVC). Meets CPSIA Federal Act for Lead and Phthalate acceptable levels.
- b. Recycled Content: 60 % Preconsumer recovered pvc.
- c. Drain Holes: 3/8 inch diameter holes, one per 10 square inches.
- d. Size: 42 in. x 42 in. [slide exit], 42 in. x 78 in. [swing], 78 in. x 78 in. [tire swing, vertical spinner], 78 in. x 90 in. [swing bay], 156 in. OD x 73.5 in. ID [merry go round, supernova], 67.5 in. OD [supe nova].
- e. Weight: 3.0 pounds per square foot.
- f. Thickness: 34 inches.
- g. Impact, ASTM F1292: Over 11.25 inches of Woodcarpet, meets criteria up to 12 feet.
- h. IPEMA Certification: Over 11.25 inches of Woodcarpet, rated to 12 feet
- 4. Playground Surfacing Wear Mat: WOODCARPET® FOAM MAT.
- a. Composition: Closed-cell, cross-linked, polyethylene foam.
- b. Recycled content: 100% pre-consumer recovered foam.
- c. Top surface: Covered with layer of heavy duty vinyl.
- d. Drain holes: 3/8 diameter holes, one per square foot.
- e. Size: 44 in. x 44 in. [slide exit], 44 in. x 74 in. [swing]
- f. Finished size: 32in.x32in. [slide exit], 32inx62in. [swing]
- g. Weight: 1.13 inches thick= 1.1 pounds per square foot.
- h. Thickness: 1 inch.
- i. Impact, ASTM F1292: 1 in. thick mat meets criteria up to 3 feet.
- j. IPEMA Certification: 1" thick mat over 11" of Woodcarpet rated to 12ft. fall protection.



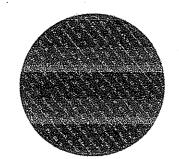
### **GEOSYNTHETICS**



#### **WOVEN SLIT FILM GEOTEXTILES**

Featuring high tensile strengths and low elongations, our Geotex® woven geotextiles have a remarkable capacity for filtering soils, distributing loads, reducing rutting and extending the life of paved and unpaved roadways. Made from individual yarns woven together to provide dimensionally stable geotextiles, they are resistant to ultraviolet (UV) degradation and to biological and chemical environments normally found in soils. All of our woven geotextiles are backed by decades of in-field performance in everything from separation and filtration to erosion control and waste containment applications.

1007741 GEOTEX 135ST/2000 (12.5X432) 600SY/RL 1008421 GEOTEX 135ST/2000 (17.5X360) 700SY/RL 1007738 GEOTEX 200ST/2002 (12.5X432) 600SY/RL 1007742 GEOTEX 200ST/2002 (17.5X309) 600SY/RL 1008445 GEOTEX 250ST/2004 (12.5X360) 500SY/RL 1008446 GEOTEX 250ST/2004 (17.5X258) 501.67SY/RL 1007997 GEOTEX 315ST/2006 (12.5X360) 500SY/RL 1008066 GEOTEX 315ST/2006 (17.5X258) 501.67SY/RL



#### **NONWOVEN GEOTEXTILES**

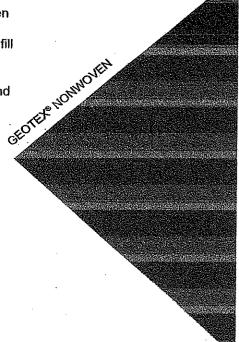
Made from the highest quality polypropylene fibers, our Geotex® nonwoven geotextiles are needlepunched to form a strong fabric that retains its dimensional stability, adding years to the life of any roadway, railroad, landfill or civil/environmental engineering project. Used in subsurface drainage, separation, stabilization, erosion control and cushioning applications, our geotextiles are resistant to ultraviolet (UV) degradation and to biological and chemical environments normally found in soils.

### Geotex® Lightweight Nonwovens

The ability of lightweight Geotex® nonwoven needle punched geotextiles to restrict soil particles but allow water to easily pass through makes them perfect for filtration and/or separation applications.



1009743 GEOTEX 311/4535 (12.5X360) 500SY/RL 1004840 GEOTEX 311/4535 (15X360) 600SY/RL 1009744 GEOTEX 351/4545 (12.5X360) 500SY/RL 1004779 GEOTEX 351/4545 (15X360) 600SY/RL 1008179 GEOTEX 451/4547 (12.5X360) 500SY/RL 1008178 GEOTEX 451/4547 (15X360) 600SY/RL



Geotex® and Petrotac® are registered trademarks of Propex Inc.

## GEOTEX° NONWOVEN GEOTEXTILES



Made from the highest quality polypropylene fibers, our Geotex® nonwoven geotextiles are needlepunched to form a strong fabric that retains its dimensional stability, adding years to the life of any roadway, railroad, landfill or civil/environmental engineering project. Used in subsurface drainage, separation, stabilization, erosion control and cushioning applications, our geotextiles are resistant to ultraviolet (UV) degradation and to biological and chemical environments normally found in soils.

#### FEATURES & BENEFITS

- ▶ Mass per unit areas range from 3 to 17 oz/yd² (100 to 575 g/m²) to guarantee an available product for every application (heavier products may be available by special order)
- ▶ Superior chemical resistance in even the most aggressive environmental applications
- ▶ Staple fibers needlepunched together to form a sturdy fabric capable of withstanding construction installation stresses
- ▶ Contains additives for maximum UV resistance
- Produced at some of the largest, state-of-the-art production facilities to assure uniform product quality

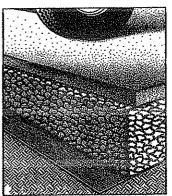
## GEOTEX® NONWOVEN GEOTEXTILES PRODUCT FAMILY TABLE

GIVIE	ENVIRONMENTAL
GEOTEX® 311 GEOTEX 351	GEOTEX® 651 GEOTEX 861
GEOTEX 401 GEOTEX 451	GEOTEX 1071 GEOTEX 1291
GEOTEX 501 GEOTEX 601	GEOTEX 1701
GEOTEX 701 GEOTEX 801	
GEOTEX 1001 GEOTEX 1071	
GEOTEX 1201 GEOTEX 1601	

You can plan and implement road designs that will lower the cost and extend the life of your pavement—and our Roadways And Civil Engineering (R.A.C.E.) software can help. Download it today at geotextile.com.

# Outperforms and is more cost effective than conventional methods, including:

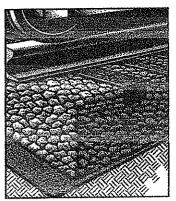
- Thicker aggregate layers
- Undercutting and removal
- Chemical stabilization
- ▶ Graded, granulated filters



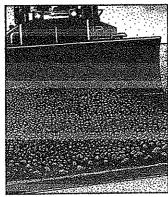
Geotex® nonwoven geotextiles can be deployed directly on a soft, saturated subgrade.



Wrapping a subsurface drainage system with a Geotex® nonwoven geotextile will improve roadway life.



Robust Geotex® nonwovens stabilize subgrades and prevent the fooling of ballast beneath railway track.



Geotex® heavyweight nonwoven geotextiles allow the construction of landfill drainage layers without fear of liner damage.



COMPLETE PB. SPIHMY



TC.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 handralls1shall 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 preassembled 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 pregalvanized 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. pregalvanized 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" Overheard 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 monorall. 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" Overheard 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. pregalvanized steel tubing suspended from a second circular support component fabricated from 48.3 mm (1.9") O.D. pregalvanized 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. pregalvanized 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 (6') 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. pregalvanized 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. pregalvanized 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, pregalvanized 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 (1.315") 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 (1.315") 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.

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 nd 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.

fot seat shall be fully enclosed to prevent slipping out and provide lower back support. Two sizes of leg cutouts make this seat versatile Tot Swing Seaks shall be heavy duty construction, fabricated from black EPDM rubber with a tempered steel insert molded inside, rendering them enough to accommodate larger children with special needs also.

properties while providing a soft comfortable feel. The internal reinforcing plate shall be 2.3 mm (.09") thick steel. Attachment loops shall be Duraglide Standard Swing Seat shall be molded using water-blown integral skin Polyurethane foam. This material yields excellent physical formed from 8 mm (.311") diameter 304 stainless steel rod with a tensile strength of 586mpa (85,000psi).

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

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.

Two sizes of leg cutouts make this seat versatile enough to accommodate larger 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. children with special needs also. Swing chains shall be 4/0 straight link galvanized steel. OR stainless steel when specified,

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



Chinning Bars will be designed to clamp to three posts fabricated from 127 mm (5") O.D. pre-galvanized steel tube. One of which shall be 4.04 m (13'3") and shared by the jump bar. The remaining two bars shall be 3.35 m (11'). Chinning bars shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tube. All steel tube components shall comply with ASTM standards: A-500, or A-513. 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. After fabrication, all these components shall have a baked-on electrostatically applied polyester dry powder coating.

MAYPOLE as equal to Skyrunner. shall have loops welded to a center support beam fabricated from 3.5 inch or 5 inch 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.



PRODUCT WARRANTY STATEMENT Revised January 1, 2009

| Fall One-Year Warranty | Fall Warranty | F

#### Additional PPLT Policies

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

#### Pricina

Prices are subject to change without notice. All orders are subject to approval by PlayPower LT Farmington, Inc.'s, general office. Prices are F.O.B. Farmington, Missouri and do not include freight. Lease purchasing option is available through the Lease Program.

#### Specifications

Product specifications in this catalog were correct at the time of publication. However, PlayPower 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 back cover).





#### COMMITMENT TO SAFETY

Nothing is more important than a safe, positive play environment for children to play in. Our commitment to providing this positive environment starts with meeting and/or exceeding compliance with the performance safety specifications established by organizations such as ASTM, CPSC, CSA and EN. Beyond compliance, we are an active participant in many of these standard writing bodies providing input into the standard development process. Our associates and representatives have the knowledge and experience to provide positive play designs that provide the challenge and play value for all children.

### Commitment to the Environment

Protecting and preserving the environment for our childrens' future is a priority of everyone at PlayPower LT Farmington, Inc. We are committed to closing the recycling loop by using pre and post-consumer recycled material wherever possible and by ensuring that nearly everything we make can be recycled back into the environment. From steel and aluminum to rubber and plastic, almost everything we make uses some amount of recycled material. By installing a Little Tikes Commercial' play structure we are all doing our part to ensure a better world for our children.

### **GUIDELINES AND STANDARDS**

#### CPSC

The Consumer Product Safety Commission (CPSC) created playground safety guidelines to help local communities, schools, day care centers, corporations and other groups build safe playgrounds. The Handbook for Public Playground Safety, first published in 1981 includes safety guidelines for designing, constructing, operating and maintaining public playgrounds.

U.S. Consumer Product Safety Commission Washington, D.C. 20207 E-mail: info@cpsc.gov www.cpsc.gov

#### **ASTM**

The American Society for Testing and Materials (ASTM) is an independent world renowned developer of technical standards utilized in testing products. Standard Consumer Safety Performance Specifications for Playground Equipment for Public Use, F1487 establishes nationally recognized safety standards for public playground equipment. American Society for Testing and Materials

100 Barr Harbor Drive West Conshohocken, PA 19428-2959

E-Mail: service@astm.org

#### CSA

Canadian Standard Association (CSA) is an independent organization whose mission is to provide an open and effective forum for activities facilitating the development of standards to meet national needs. The CSA Standard CAN/CSA-Z614, A Guideline on Children's Playspaces and Equipment was approved.

Canadian Standard Association 5060 Spectrum Way Suite 100 Mississauga, Ontario, Canada L4W 5N6 1-800-463-6727 www.csa.ca

#### TÜV Product Service

TÜV Product Service is a world renowned leader in testing and certification activities. European Standard EN1176 is the most up-to-date combined European Standard for Commercial Playground Equipment. Use of the TÜV certification mark is evidence to the customer of product quality and compliance to stringent safety standards. TÜV Product Service

Ridlerstrasse 31 80339 Munich, Germany E-Mail: info@tuvglobal.com

#### ASTM-F1487 CPSC CAN/CSA-Z614 EN1176

KidBuilders\*, SkyBuilders\*\*, PlayBuilders\*, MaxPlay\* Systems and PlayCenters equipment has been tested to be in conformance with safety requirements and standards set forth by ASTM Standard F1487, excluding sections 10 and 12.6.1.

In the interest of playground safety, IPEMA provides a Third Party Certification Service whereby a designated independent laboratory validates a participant's certification of conformance to ASTM F1487, Standard Consumer Safety Performance Specification for Playground Equipment for Public Use, except sections 10 & 12.6.1; CAN/CSA Z614, Children's Playspaces and Equipment, except clauses 9.6,10.5 & 11.1.1; or both. The use of the corresponding logo in Little Tikes Commercial' catalog signifies that Little Tikes Commercial has received written validation from the independent laboratory that theproduct(s) associated with the use of the logo conforms with the requirements of the indicated standard. Check the IPEMA website (www.ipema.org) to confirm product validation.

Validation is an ongoing process as new products are certified and released. Please contact your local representative for an updated listing or visit our web site at http://www.littletikescommercial.com

When installed according to our layout drawings and installation instructions, KidBuilders, SkyBuilders, PlayBuilders, MaxPlay Systems and PlayCenters play equipment meet guidelines as defined in the U.S. Consumer Product Safety Commission's Handbook for Public Playground Safety and the Canadian Standard CAN/CSA-Z614.

KidBuilders, PlayBuilders, MaxPlay, PlayCenters and Spring Riders have been certified to the EN 1176 by TÜV Product Service GMBH.



PlayPower LT Farmington, Inc. is a member in good standing of IPEMA, the International Play Equipment Manufacturers Association. IPEMA is a member-driven international trade organization that represents and promotes an open market for manufacturers of play equipment.







American Welding Society Certified



Canadian Welding Bureau Certified



PlayPower LT Farmington, Inc. Is certified to ISO 9001;2000

