



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

# Request for Quotation

RFQ NUMBER  
**DNR209111**

PAGE  
**1**

ADDRESS CORRESPONDENCE TO ATTENTION OF:  
**FRANK WHITTAKER**  
**304-558-2316**

VENDOR

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

SHIP TO

DIVISION OF NATURAL RESOURCES  
 PINNACLE ROCK STATE PARK  
 ATTN: PARK SUPERINTENDENT  
 POST OFFICE BOX 704  
 BLUEFIELD, WV 24701 589-5307

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
04/14/2009				

BID OPENING DATE: **05/12/2009** BID OPENING TIME: **01:30PM**

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
0001	1	LS		650-38		<i>\$49,960.00</i>
<p>PLAYGROUND EQUIPMENT PINNACLE ROCK STATE PARK</p> <p>REQUEST FOR QUOTATION (RFQ)</p> <p>THE WEST VIRGINIA STATE PURCHASING DIVISION FOR THE AGENCY, THE WEST VIRGINIA DIVISION OF NATURAL RESOURCES, IS SOLICITING BIDS TO PROVIDE ALL MATERIAL AND INSTALLATION OF PLAYGROUND EQUIPMENT FOR PINNACLE ROCK STATE PARK LOCATED IN BRAMWELL, WEST VIRGINIA PER THE ATTACHED SPECIFICATIONS.</p> <p>A MANDATORY PRE-BID MEETING WILL BE HELD ON APRIL 29, 2009 AT 11:00 AM AT THE PARK HEADQUARTERS IN BRAMWELL, WEST VIRGINIA. ALL VENDORS WISHING TO SUBMIT A BID FOR THIS PROJECT MUST ATTEND THIS MEETING. NO ONE PERSON MAY REPRESENT MORE THAN ONE VENDOR.</p> <p>TECHNICAL QUESTIONS CONCERNING THIS PROJECT MUST BE SUBMITTED TO FRANK WHITTAKER IN THE WEST VIRGINIA STATE PURCHASING DIVISION VIA FAX AT 304-558-4115 OR VIA EMAIL AT FRANK.M.WHITTAKER@WV.GOV. DEADLINE FOR ALL TECHNICAL QUESTIONS IS MAY 5, 2009 AT THE CLOSE OF BUSINESS. ALL TECHNICAL QUESTIONS RECEIVED, IF ANY, WILL BE ANSWERED BY ADDENDUM AFTER THE DEADLINE HAS LAPSED.</p> <p>QUESTIONS CONCERNING THE PROCESS BY WHICH A VENDOR MAY SUBMIT A BID TO THE STATE OF WEST VIRGINIA ARE</p>						

RECEIVED

2009 MAY 12 AM 9:14

WV PURCHASING DIVISION

SIGNATURE: *W. J. [Signature]* TELEPHONE: **424-2492158** DATE: **5-10-09**

TITLE: **AGENT PLAYGROUNDS** ADDRESS CHANGES TO BE NOTED ABOVE

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



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<p>NOT CONSIDERED TO BE TECHNICAL QUESTIONS AND MAY BE SUBMITTED AT ANY TIME PRIOR TO THE BID OPENING AND IN ANY FORMAT.</p> <p>EXHIBIT 5</p> <p>WEST VIRGINIA CODE 21-1D-5 PROVIDES THAT: ANY SOLICITATION FOR A PUBLIC IMPROVEMENT CONSTRUCTION CONTRACT REQUIRES EACH VENDOR THAT SUBMITS A BID FOR THE WORK TO SUBMIT AT THE SAME TIME AN AFFIDAVIT OF COMPLIANCE WITH THE BID. THE ENCLOSED DRUG-FREE WORKPLACE AFFIDAVIT MUST BE SIGNED AND SUBMITTED WITH THE BID AS EVIDENCE OF THE VENDOR'S COMPLIANCE WITH THE PROVISIONS OF ARTICLE 1D, CHAPTER 21 OF THE WEST VIRGINIA CODE. FAILURE TO SUBMIT THE SIGNED DRUG-FREE WORKPLACE AFFIDAVIT WITH THE BID SHALL RESULT IN DISQUALIFICATION OF SUCH BID.</p> <p>NOTICE TO PROCEED: THIS CONTRACT IS TO BE PERFORMED WITHIN 90 CALENDAR DAYS AFTER THE NOTICE TO PROCEED IS RECEIVED. UNLESS OTHERWISE SPECIFIED, THE FULLY EXECUTED PURCHASE ORDER WILL BE CONSIDERED NOTICE TO PROCEED.</p> <p>CANCELLATION: THE DIRECTOR OF PURCHASING RESERVES THE RIGHT TO CANCEL THIS CONTRACT IMMEDIATELY UPON WRITTEN NOTICE TO THE VENDOR IF THE MATERIALS OR WORKMANSHIP SUPPLIED ARE OF AN INFERIOR QUALITY OR DO NOT CONFORM WITH THE SPECIFICATIONS OF THE BID AND CONTRACT HERE IN.</p> <p>WAGE RATES: THE CONTRACTOR OR SUBCONTRACTOR SHALL PAY THE HIGHER OF THE U.S. DEPARTMENT OF LABOR MINIMUM WAGE RATES AS ESTABLISHED FOR POCAHONTAS COUNTY, PURSUANT TO WEST VIRGINIA CODE 21-5A, ET, SEQ. (PREVAILING WAGE RATES APPLY TO THIS PROJECT)</p>						

SIGNATURE *James Bennett* SEE REVERSE SIDE FOR TERMS AND CONDITIONS TELEPHONE *434 249 2158* DATE *5-10-09*  
 TITLE *ASST VA* ADDRESS CHANGES TO BE NOTED ABOVE

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<p>ARBITRATION: ANY REFERENCES MADE TO ARBITRATION OR INTEREST FOR PAYMENTS DUE (EXCEPT FOR ANY INTEREST REQUIRED BY STATE LAW) CONTAINED IN THIS CONTRACT OR IN ANY AMERICAN INSTITUTE OF ARCHITECTS DOCUMENTS PERTAINING TO THIS CONTRACT ARE HEREBY DELETED.</p> <p>WORKERS' COMPENSATION: VENDOR IS REQUIRED TO PROVIDE A CERTIFICATE FROM WORKERS' COMPENSATION, IF SUCCESSFUL, FOR THE LIFE OF THE CONTRACT.</p> <p>ALL OF THE ITEMS CHECKED BELOW WILL BE A REQUIREMENT OF THIS CONTRACT:</p> <p>(XX) INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF COMMERCIAL GENERAL LIABILITY INSURANCE PRIOR TO ISSUANCE OF CONTRACT. UNLESS OTHERWISE SPECIFIED IN THE BID DOCUMENTS, THE MINIMUM AMOUNT OF INSURANCE COVERAGE REQUIRED IS \$250,000.</p> <p>( ) BUILDERS RISK INSURANCE: SUCCESSFUL VENDOR SHALL FURNISH PROOF OF BUILDERS RISK - ALL RISK INSURANCE IN AN AMOUNT EQUAL TO 100% OF THE AMOUNT OF THE CONTRACT.</p> <p>(XX) BONDS: FIVE PERCENT (5%) OF THE TOTAL AMOUNT OF THE BID PAYABLE TO THE STATE OF WEST VIRGINIA, SHALL BE SUBMITTED WITH EACH BID AS A BID BOND. THE SUCCESSFUL BIDDER SHALL ALSO FURNISH A PERFORMANCE BOND AND LABOR/MATERIAL BOND FOR 100% OF THE AMOUNT OF THE CONTRACT. BONDS MAY BE PROVIDED IN THE FORM OF A CERTIFIED CHECK, IRREVOCABLE LETTER OF CREDIT, OR BOND FURNISHED BY A SOLVENT SURETY COMPANY AUTHORIZED TO DO BUSINESS IN THE STATE OF WEST VIRGINIA. A LETTER OF CREDIT SUBMITTED IN LIEU OF A BOND WILL ONLY BE ALLOWED FOR PROJECTS UNDER \$100,000. PERSONAL OR BUSINESS CHECKS ARE NOT ACCEPCTABLE IN LIEU OF THE 5% BID BOND, PERFORMANCE BOND, OR LABOR AND MATERIAL BOND.</p>						

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<p>( ) MAINTENANCE BOND: A TWO (2) YEAR MAINTENANCE BOND COVERING THE ROOFING SYSTEM WILL BE A REQUIREMENT OF THE SUCCESSFUL VENDOR.</p> <p>REV. 11/00</p> <p>EXHIBIT 7</p> <p>DOMESTIC ALUMINUM, GLASS &amp; STEEL IN PUBLIC WORKS PROJECTS</p> <p>IN ACCORDANCE WITH WEST VIRGINIA CODE 5-19-1 ET., SEQ., EVERY CONTRACT FOR CONSTRUCTION, RECONSTRUCTION, ALTERATION, REPAIR, IMPROVEMENT OR MAINTENANCE OF PUBLIC WORKS, WHERE THE COST IS MORE THAN \$50,000 AND, IN THE CASE OF STEEL ONLY, WHERE THE COST OF STEEL IS MORE THAN \$50,000 OR WHERE MORE THAN 10,000 POUNDS OF STEEL ARE REQUIRED, THE STATE WILL ACCEPT ONLY ALUMINUM GLASS, OR STEEL PRODUCTS PRODUCED IN THE UNITED STATES. IN ADDITION, ITEMS OF MACHINERY OR EQUIPMENT PURCHASED FOR USE AT THE SITE OF PUBLIC WORKS SHALL BE MADE OF DOMESTIC ALUMINUM, GLASS OR STEEL, UNLESS THE COST OF THE PRODUCT IS LESS THAN \$50,000 OR LESS THAN 10,000 POUNDS OF STEEL ARE USED IN PUBLIC WORKS PROJECTS.</p> <p>FOREIGN MADE ALUMINUM, GLASS OR STEEL PRODUCTS MAY BE ACCEPTED ONLY IF THE COST OF DOMESTIC PRODUCTS IS FOUND TO BE UNREASONABLE. SUCH COST IS UNREASONABLE IF IT IS 20% OR MORE HIGHER THAN THE BID PRICE FOR FOREIGN MADE PRODUCTS. IF THE DOMESTIC ALUMINUM, GLASS OR STEEL PRODUCTS TO BE SUPPLIED OR PRODUCED IN A "SUBSTANTIAL LABOR SURPLUS AREA", AS DEFINED BY THE UNITED STATES DEPARTMENT OF LABOR, FOREIGN PRODUCTS MAY BE SUPPLIED ONLY IF DOMESTIC PRODUCTS ARE 30% OR MORE HIGHER IN</p>						

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<p>PRICE THAN THE FOREIGN MADE PRODUCTS.</p> <p>IF, PRIOR TO THE AWARD OF A CONTRACT UNDER THE ABOVE PROVISIONS, THE SPENDING OFFICER OF THE SPENDING UNIT DETERMINES THAT THERE EXISTS A BID FOR LIKE FOREIGN ALUMINUM, GLASS OR STEEL THAT IS REASONABLE AND LOWER THAN THE LOWEST BID DOMESTIC PRODUCTS, THE SPENDING OFFICE MAY REQUEST, IN WRITING, A REEVALUATION AND REDUCTION IN THE LOWEST BID FOR SUCH DOMESTIC PRODUCTS. ALL VENDORS MUST INDICATE IN THEIR BID IF THEY ARE SUPPLYING FOREIGN ALUMINUM, GLASS OR STEEL.</p> <p>REV. 3/88</p> <p>EXHIBIT 9</p> <p>NOTICE FOR ISSUANCE &amp; ACKNOWLEDGEMENT OF CONSTRUCTION PROJECT ADDENDA</p> <p>THE ARCHITECT/ENGINEER AND/OR AGENCY SHALL BE REQUIRED TO ABIDE BY THE FOLLOWING SCHEDULE IN ISSUING CONSTRUCTION PROJECT ADDENDA FOR STATE AGENCIES:</p> <p>(1) THE ARCHITECT/ENGINEER SHALL PREPARE THE ADDENDUM AND A LIST OF ALL PARTIES THAT HAVE PROCURED DRAWINGS AND SPECIFICATIONS FOR THE PROJECT. THE ADDENDUM AND LIST SHALL BE FORWARDED TO THE BUYER IN THE STATE PURCHASING DIVISION. THE ARCHITECT/ENGINEER SHALL ALSO SEND A COPY OF THE ADDENDUM TO THE STATE AGENCY FOR WHICH THE CONTRACT IS ISSUED.</p> <p>(2) THE BUYER SHALL SEND THE ADDENDUM TO ALL INTERESTED PARTIES AND, IF NECESSARY, EXTEND THE BID OPENING DATE. ANY ADDENDUM SHOULD BE RECEIVED BY THE BUYER WITHIN FOURTEEN (14) DAYS PRIOR TO THE BID</p>						

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<p>OPENING DATE.</p> <p>(3) ALL ADDENDA SHOULD BE FORMALLY ACKNOWLEDGED BY ALL BIDDERS AND SUBMITTED TO THE STATE PURCHASING DIVISION. THE SAME RULES AND REGULATIONS THAT APPLY TO THE ORIGINAL BIDDING DOCUMENT SHALL ALSO APPLY TO AN ADDENDUM DOCUMENT. THE ONLY EXCEPTION MAY BE FOR AN ADDENDUM THAT IS ISSUED FOR THE SOLE PURPOSE OF CHANGING A BID OPENING TIME AND/OR DATE.</p> <p>REV. 11/96</p> <p>EXHIBIT 10</p> <p>ADDENDUM ACKNOWLEDGEMENT</p> <p>I HEREBY ACKNOWLEDGE RECEIPT OF THE FOLLOWING CHECKED ADDENDUM(S) AND HAVE MADE THE NECESSARY REVISIONS TO MY PROPOSAL, PLANS AND/OR SPECIFICATION, ETC.</p> <p>ADDENDUM NOS.</p> <p>NO. 1 ..... <i>YES</i></p> <p>NO. 2 ..... <i>MB</i></p> <p>NO. 3 ..... <i>MB</i></p> <p>NO. 4 ..... <i>MB</i></p> <p>NO. 5 ..... <i>MB</i></p> <p>I UNDERSTAND THAT FAILURE TO CONFIRM THE RECEIPT OF THE ADDENDUM(S) MAY BE CAUSE FOR REJECTION OF THE BIDS.</p>						

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<p>VENDOR MUST CLEARLY UNDERSTAND THAT ANY VERBAL REPRESENTATION MADE OR ASSUMED TO BE MADE DURING ANY ORAL DISCUSSION HELD BETWEEN VENDOR'S REPRESENTATIVES AND ANY STATE PERSONNEL IS NOT BINDING. ONLY THE INFORMATION ISSUED IN WRITING AND ADDED TO THE SPECIFICATIONS BY AN OFFICIAL ADDENDUM IS BINDING.</p> <p>.....<i>W. James Benedict</i>.....SIGNATURE  <i>VA PLAYGROUND LITTLE TIKES COMPANY</i>.....COMPANY  <i>5-10-09</i>.....DATE</p> <p>REV. 11/96</p> <p>CONTRACTORS LICENSE</p> <p>WEST VIRGINIA STATE CODE 21-11-2 REQUIRES THAT ALL PERSONS DESIRING TO PERFORM CONTRACTING WORK IN THIS STATE MUST BE LICENSED. THE WEST VIRGINIA CONTRACTORS LICENSING BOARD IS EMPOWERED TO ISSUE THE CONTRACTORS LICENSE. APPLICATIONS FOR A CONTRACTORS LICENSE MAY BE MADE BY CONTACTING THE WEST VIRGINIA DIVISION OF LABOR CAPITOL COMPLEX, BUILDING 3, ROOM 319, CHARLESTON, WV 25305. TELEPHONE: (304) 558-7890.</p> <p>WEST VIRGINIA STATE CODE 21-11-11 REQUIRES ANY PROSPECTIVE BIDDER TO INCLUDE THE CONTRACTORS LICENSE NUMBER ON THEIR BID.</p> <p>BIDDER TO COMPLETE:            CONTRACTORS NAME: <i>VIRGINIA PLAYGROUND SERVICES</i></p>						

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				<p style="font-size: 2em; font-family: cursive;">044827</p> <p>CONTRACTORS LICENSE NO.: .....</p> <p>THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FURNISH A COPY OF THEIR CONTRACTORS LICENSE PRIOR TO ISSUANCE OF A PURCHASE ORDER/CONTRACT</p> <p style="text-align: center;">APPLICABLE LAW</p> <p>THE WEST VIRGINIA STATE CODE, PURCHASING DIVISION RULES AND REGULATIONS, AND THE INFORMATION PROVIDED IN THE "REQUEST FOR QUOTATION" ISSUED BY THE PURCHASING DIVISION IS THE SOLE AUTHORITY GOVERNING THIS PROCUREMENT.</p> <p>ANY INFORMATION PROVIDED IN SPECIFICATION MANUALS, OR ANY OTHER SOURCE, VERBAL OR WRITTEN, WHICH CONTRADICTS OR ALTERS THE INFORMATION PROVIDED FROM THE SOURCES AS DESCRIBED IN THE ABOVE PARAGRAPH IS VOID AND OF NO EFFECT.</p> <p>BANKRUPTCY: IN THE EVENT THE VENDOR/CONTRACTOR FILES FOR BANKRUPTCY PROTECTION, THIS CONTRACT IS AUTOMATICALLY NULL AND VOID, AND IS TERMINATED WITHOUT FURTHER ORDER.</p> <p>REV. 1/2005</p> <p style="text-align: center;">NOTICE</p> <p>A SIGNED BID MUST BE SUBMITTED TO:</p> <p style="text-align: center;">DEPARTMENT OF ADMINISTRATION          PURCHASING DIVISION          BUILDING 15</p>		

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				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  BUYER: FRANK WHITTAKER-FILE 44  REQ. NO.: DNR209111  BID OPENING DATE: 05/12/2009  BID OPENING TIME: 1:30 PM  PLEASE PROVIDE A FAX NUMBER IN CASE IT IS NECESSARY TO CONTACT YOU REGARDING YOUR BID: <i>43A 2963289</i> ----- PLEASE PRINT OR TYPE NAME OF PERSON TO CONTACT CONCERNING THIS QUOTE: <i>JIM BENEDICT</i> <i>CELL 43A 299458</i> -----						
***** THIS IS THE END OF RFQ DNR209111 ***** TOTAL: _____						

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## WVDNR209111

### Pinnacle Rock State Park Playground Specifications

To supply and install playground equipment at Pinnacle Rock State Park, Bramwell, West Virginia to offer play activities for children ages two (2) to twelve (12). 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.

The playground components will include the following items:

Cre8Play strato rock climber, Model #STRATO1, or equal. Climber must be a minimum of 8' in height and must have 360 degrees of climbing for children ages six (6) and up. Climber must have an ADA accessible feature and a minimum of five (5) 3D relief discovery fossils. Successful vendor must be able to match the color of the Pinnacle Rock to maintain park heritage. Climber must be composed of glass fiber reinforced concrete over structural steel frame.

Cre8Play summit rock climber, Model #SUMMIT1, or equal. Climber must be a minimum of 3' in height and must have a minimum of 360 degrees of climbing for children ages two (2) to five (5). Successful vendor must be able to match the color of the Pinnacle Rock to maintain park heritage. Climber must be composed of glass fiber reinforced concrete over structural steel frame.

GameTime T-frame swing, Item #P831, or equal. Swing frame must be composed of aluminum or galvanized steel and a minimum 3 ½ " OD

GameTime T-frame zero-G chair, Item #8555, or equal. Swing must include all hardware required for installation.

GameTime super seat-2, Item #1479. Swing must include all hardware required for installation.

Engineered wood fiber compacted @12 inches deep. Material must be recently harvested and debarked; free of chemical treatments and additives; free of soil, twigs, leaves and other contaminants.

Geo-textile fabric, 2,250 sq. ft. roll, 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.

Six inch by six inch 16 foot long treated timbers for a border around playground area. Wood for playground edging must be pressure treated pine timbers. Top exposed edges must be chamfered or rounded.

Edging anchors for playground border. Playground edging anchors must be #4 rebar and a minimum of 36" in length.

**WVDNR209111**

**Pinnacle Rock State Park Playground Specifications**

Installation of the above referenced items. Prevailing heavy wage rates must be paid for Mercer County, West Virginia

(<http://www.wvsos.com/adlaw/wagerates/heavyhighway/heavyhighway08/allhh.pdf>).

Installation must be complete within ninety (90) days of purchase order award.

Site preparation which includes the removal of six (6) stumps. Vendor must ensure that drainage is routed away from the playground area. To prolong the usefulness of the safety surface and assist in preventing soil, silt, and other foreign material from infiltrating the safety surface. The subsoil within the playground protective area must slope a minimum of 2% and a maximum of 5% toward the drain pipe. Prevailing heavy wage rates must be paid for Mercer County, West Virginia

(<http://www.wvsos.com/adlaw/wagerates/heavyhighway/heavyhighway08/allhh.pdf>). Site preparation must be complete within ninety (90) days of purchase order award.

## WVDNR209111

### Pinnacle Rock State Park Playground Specifications

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.

Color scheme of equipment must be coordinated with Pinnacle Rock State Park.

A mandatory pre-bid conference will be held on April ?, 2009, at Pinnacle Rock Park Headquarters at ?. 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.

WVDNR209065  
Pinnacle Rock State Park  
**PLAYGROUND EQUIPMENT SHEET**

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

AS EQUAL BID REPLY

Item No.	Equipment	Manufacturer	Model
1	Cre8Play Strato Rock Climber, Model #STRATO1, or equal.	DYNAMO ROCKS KING PEAK	DX R01275B
2	Cre8Play Summit Rock Climber, Model #SUMMIT1, or equal.	DYNAMO ROCKS MAJESTIC MTN	DX R03122B
3	GameTime T-frame swing, Item #P831, or equal.	LITTLE TIKES PLAYPOWER-M	2012 TFRAME
4	GameTime T-frame zero-G chair, Item #8555, or equal.	LITTLE TIKES MIRAGE-ADA	188 MIRAGE
5	GameTime super seat-2, Item #1479.	LITTLE TIKES DURAGLIDE	100100150
6	Engineered wood fiber compacted @12 inches deep.	ZEAGER ENGINEERED FIBRE	WOODCARPET
7	Geo-textile fabric, 2,250 sq. ft. roll, or equal.	PROPEX	GEOTEX
8	Six inch by six inch 16 foot long treated timbers for a border around playground area.	MWP LOEWS BRAND	6X6 PTP
9	Installation of items 1,2,3,4,5,6,7, and 8.	SUB CONTRACT ALTYZER	MARKET RATE
10	Site preparation which includes the removal of six (6) stumps.	SUB CONTRACT ALTYZER	MARKET RATE

#4 SWING SEAT - MIRAGE-ADA #188 MIRAGE  
#5 SWING SEAT - DURAGLIDE - #100100150  
SEE PAGE 150 BOTTOM  
OF BLUE LTR CATALOGUE

Pinnacle Rock State Park Playground Equipment

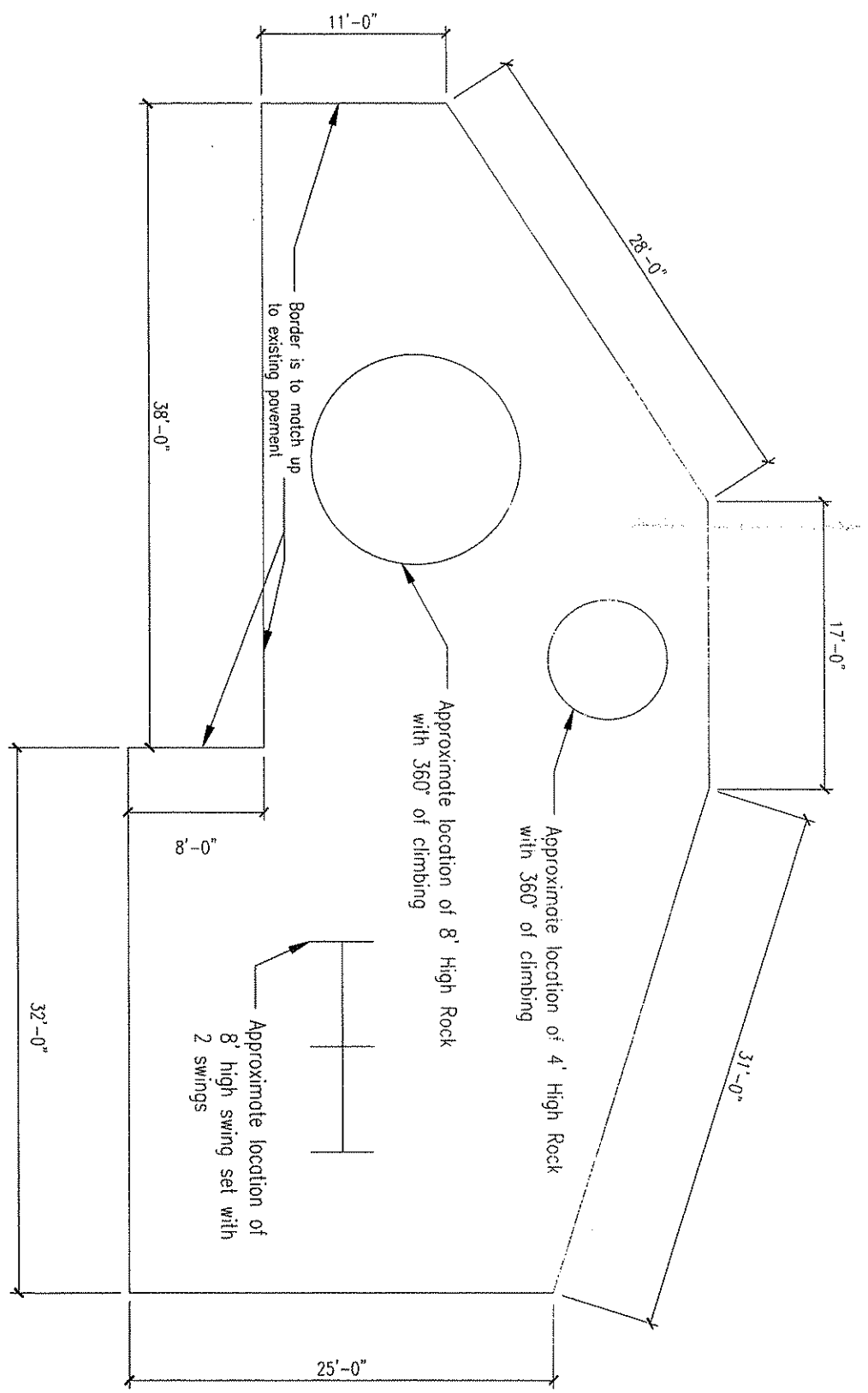
PRICING SHEET  
 AS EQUAL BID

Item No.	Quantity	Description	Unit Price	Amount
1	1	Cre8Play Strato Rock Climber, Model #STRATO1, or equal.		17700-
2	1	Cre8Play Summit Rock Climber, Model #SUMMIT1, or equal.		7850-
3	1	GameTime T-frame swing, Item #P831, or equal.		1250-
4	1	GameTime T-frame zero-G chair, Item #8555, or equal.		705-
5	1	GameTime super seat-2, Item #1479. EQUAL		155-
6	1,812 sq. ft.	Engineered wood fiber compacted @12 inches deep.		1950-
7	1 roll	Geo-textile fabric, 2,250 sq. ft. roll, or equal.		250-
8	14	Six inch by six inch 16 foot long treated timbers for a border around playground area.		1400-
9	1	Installation of items 1,2,3,4,5,6,7, and 8.		4200-
10	1	Site preparation which includes the removal of six (6) stumps.		1500 <sup>00</sup>
<b>TOTAL</b>				<b>\$ 49,960<sup>00</sup></b>

MS  
 WGS

Forty nine thousand  
 nine hundred and sixty dollars

Pinnacle Rock State Park  
Proposed playground area  
All measurements are approximate  
Overall area is approximately 2,250 square feet





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



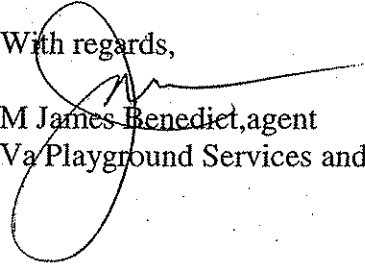
Frank Whittaker  
Purchasing Division  
State of West Virginia.  
Department of Administration  
2019 Washington St.  
Charleston, WV 25305

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 Va. Playground Services. 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 3D renderings are attached. Our actual items list has been notated to indicate our intended "as equal and better" LTC equipment in place of vendor named in specs. Our post system is 5 inch OD uprights. Our swing arch posts are 5 inch OD and the support beam is 3.5 inch OD. Our Attachments are direct bolt. Our posts are 3.5 inch steel, prepared and powder coated in the colors requested. Some upright posts are not aluminum, but are heavy duty OD diameter steel, and powder coated steel with extra epoxy coating. Our posts offer 100 year warranty against defects. Recent equipment industry standards recommend this heavy duty steel in order to meet the demand for strength, durability, and low maintenance over time. We ask you to please review all attachments in support of our full compliance for this RFP.

With regards,

  
M James Benedict, agent  
Va Playground Services and LTC

T FRAME SWING BY LITTLE  
TIKES LTC  
BOULDER ROCKS BY DYNAMO  
INDUSTRIES  
PLAYGROUNDS



THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

Bid Bond

Bond No. N/A

KNOW ALL MEN BY THESE PRESENTS, that we

(Here insert full name and address or legal title of Contractor)

PlayPower LT Farmington, Inc., formerly known as Little Tikes Commercial Play Systems One Iron Mountain Drive, Farmington, MO 63640 as Principal, hereinafter called the Principal, and

(Here insert full name and address or legal title of Surety)

Travelers Casualty and Surety Company of America One Tower Square, Hartford, CT 06183-6014

a corporation duly organized under the laws of the State of Connecticut as Surety, hereinafter called the Surety, are held and firmly bound unto

(Here insert full name and address or legal title of Owner)

State of West Virginia 2019 Washington Street, Charleston, WV 25305

as Obligee, hereinafter called the Obligee, in the sum of

Five Percent of Amount Bid

Dollars (\$ 5% of Amount Bid),

for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for

(Here insert full name, address and description of project)

DNR 209111 Pinnacle State Park - Supply play equipment and install on site

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid, and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this 12th

day of May

2009

Valeria Callaway (Witness)

Heidi A. Withers (Witness)

PlayPower LT Farmington, Inc., formerly known as Little Tikes Commercial Play Systems

Tommy Augustin (Principal) VP of Operations (Seal)

Travelers Casualty and Surety Company of America

Sandra L Ham (Surety) (Title)

Sandra L Ham, Attorney-In-Fact

ACKNOWLEDGMENT BY SURETY

STATE OF Missouri  
City of St. Louis } ss.

On this 12th day of May, 2009, before me personally  
appeared Sandra L. Ham, known to me to be the Attorney-in-Fact of  
Travelers Casualty and Surety Company of America

\_\_\_\_\_, the corporation  
that executed the within instrument, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in the aforesaid County, the day and year in this certificate first above written.

KAREN L. ROIDER  
NOTARY PUBLIC - NOTARY SEAL  
STATE OF MISSOURI, ST. LOUIS CITY  
MY COMMISSION EXPIRES 11-15-09  
COMMISSION #05401561

*Karen L. Roider*  
\_\_\_\_\_  
Karen L. Roider  
Notary Public in the State of Missouri  
City of St. Louis

My Commission Expires: November 15, 2009  
(Seal)



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
Seaboard Surety Company
St. Paul Fire and Marine Insurance Company

St. Paul Guardian Insurance Company
St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Surety Bond No. N/A

Principal: PlayPower LT Farmington, Inc., formerly known as Little Tikes Commercial Play Systems

OR

Project Description: DNR 209111 Pinnacle State Park - Supply play equipment and install on site

Obligee: State of West Virginia

KNOW ALL MEN BY THESE PRESENTS: That Seaboard Surety Company is a corporation duly organized under the laws of the State of New York, that St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company and St. Paul Mercury Insurance Company are corporations duly organized under the laws of the State of Minnesota, that Farmington Casualty Company, Travelers Casualty and Surety Company, and Travelers Casualty and Surety Company of America are corporations duly organized under the laws of the State of Connecticut, that United States Fidelity and Guaranty Company is a corporation duly organized under the laws of the State of Maryland, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc. is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint Sandra L Ham of the City of St. Louis, State of Missouri, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 11th day of August, 2006.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
Seaboard Surety Company
St. Paul Fire and Marine Insurance Company

St. Paul Guardian Insurance Company
St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut

City of Hartford ss.

By: [Signature]
George W. Thompson, Senior Vice President

On this the 11th day of August, 2006, before me personally appeared George W. Thompson, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., Seaboard Surety Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.

My Commission expires the 30th day of June, 2011.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., Seaboard Surety Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, Kori Johanson, the undersigned, Assistant Secretary, of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., Seaboard Surety Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

**IN TESTIMONY WHEREOF**, I have hereunto set my hand and affixed the seals of said Companies this 12th day of May, 2009.

  
Kori M. Johanson, Assistant Secretary



*To verify the authenticity of this Power of Attorney, call 1-800-421-3880 or contact us at [stpaultravelersbond.com](http://stpaultravelersbond.com). Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.*

## SPECIFICATION- System 1

## SECTION 02790

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:**

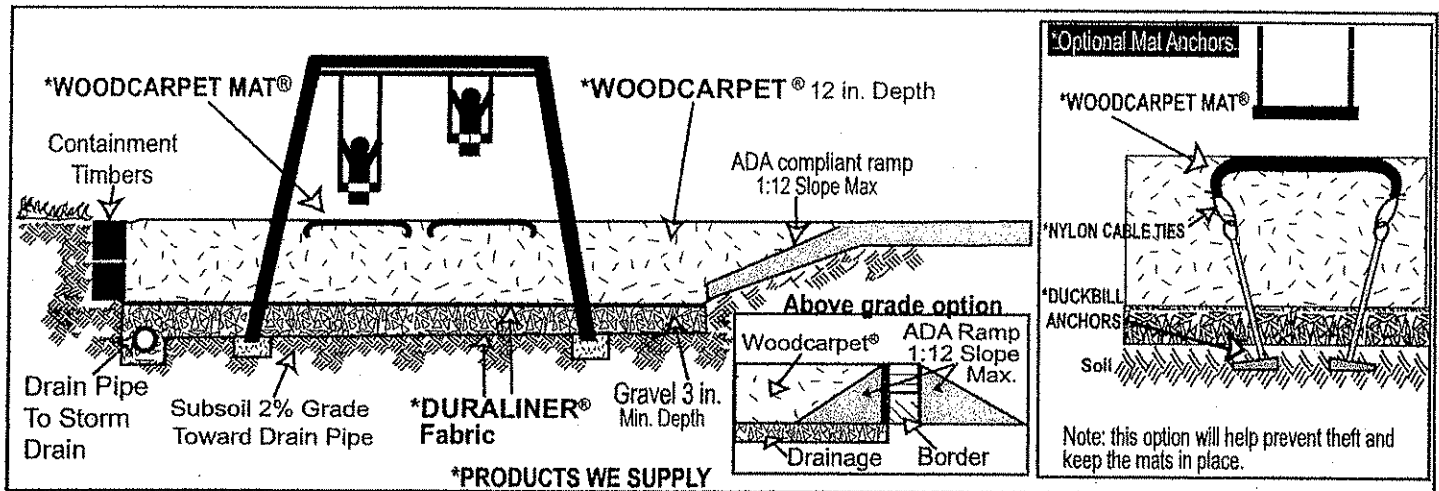
1. Member of International Play Equipment Manufacturer's Association (IPEMA).
2. Total Liability Insurance Coverage: \$11,000,000.
3. Sales Representatives certified by National Playground Safety Institute (NPSI).

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.
2. 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.
3. 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 F2075-04: Meets criteria.
  - d. Hazardous metal, ASTM F2075-04: Meets criteria.
  - e. Tramp metal, ASTM F2075-04: 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: Meets criteria.
  - h. Resistance to Flammability, 16 FR Part 1630 Standard for Surface. Flammability of Carpets and Rugs (FFI-70), Modified Procedure. 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. F2075-04

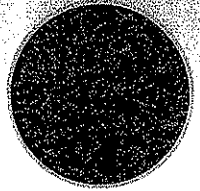
**2. Fabric: DURALINER®**

- a. Composition: Non-woven, needle-punched, UV-treated, polypropylene or polyester fabric.
- b. Recycled content: 0%.
- c. Size: 5 to 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
- l. Permeability, ASTM D4491: min. 0.24 centimeters per second.

**I. Products-cont.**

3. Playground Surfacing Wear Mat: WOODCARPET® PVC MAT
  - a. Composition: Polyvinylchloride (PVC).
  - 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 [supernova].
  - e. Weight: 3.0 pounds per square foot.
  - f. Thickness: 3/4 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" thick= 1.5 pounds per square foot.
  - h. Thickness: 1 & 2 inches. (2" to be discontinued)
  - i. Impact, ASTM F1292: 1 in. thick mat meets criteria up to 4 feet
  - j. IPEMA Certification: 1" thick mat over 11" of Woodcarpet rated to 12ft. fall protection.

# 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/yd<sup>2</sup> (100 to 575 g/m<sup>2</sup>) 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

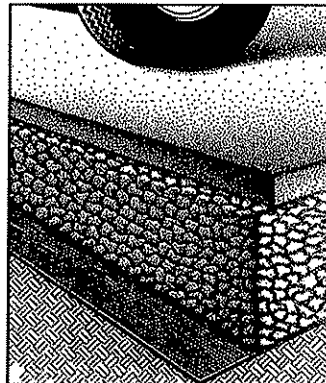
**Outperforms and is more cost effective than conventional methods, including:**

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

## GEOTEX® NONWOVEN GEOTEXTILES PRODUCT FAMILY TABLE

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

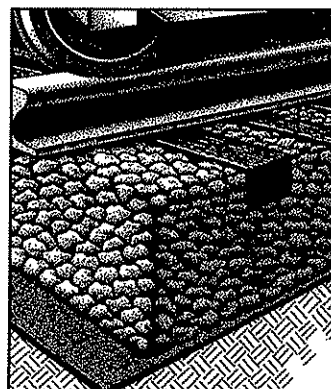
You can plan and implement road designs that will lower the cost and extend the life of your pavement—and our Roadways And Civil Engineering (R.A.C.E.) software can help. Download it today at [geotextile.com](http://geotextile.com).



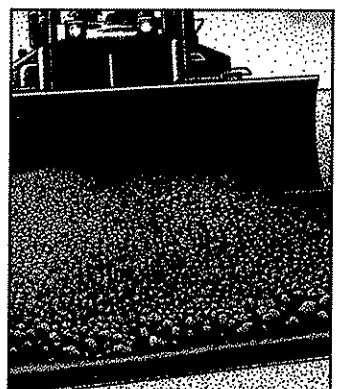
Geotex® nonwoven geotextiles can be deployed directly on a soft, saturated subgrade.



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



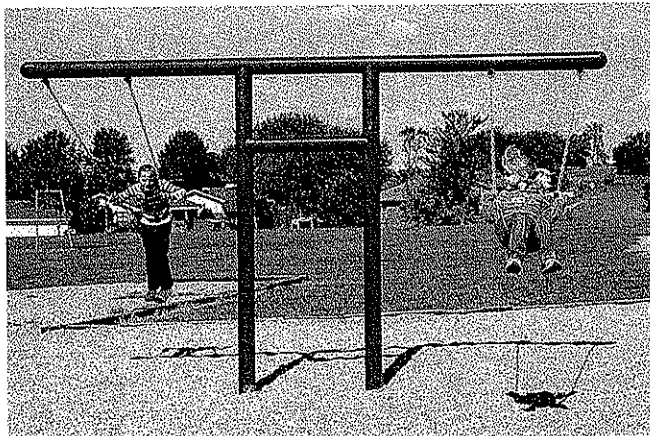
Robust Geotex® nonwovens stabilize subgrades and prevent the fouling of ballast beneath railway track.



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

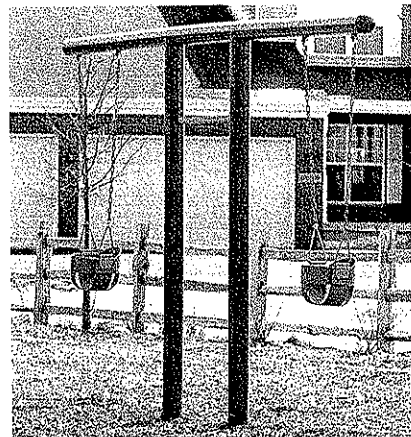


# swings



2012S TWINGS WITH 2 BELT SEATS \$1,257

- 5" O.D. Posts and Top Rail



2012T TWINGS WITH 2 TOT SEATS \$1,349

- 5" O.D. Posts and Top Rail

Frame Only	With Belt Seats	With 360° Tot Seats**	# of Seats	Top Rail Height	Ground Space & Protective Area**
<b>5" OD SINGLE POST SWINGS WITH PAINTED FRAME AND 2-3/8" OD TOP RAIL</b>					
714-735-2* 165 lbs. (75 kg) \$809	714-735-2S 185 lbs. (84 kg) \$978	714-735-2T 200 lbs. (91 kg) \$1,069	2	8'	GS: 1' x 12' (.3m x 3.7m) PA: 32' x 24' (7.3m x 7.3m)
714-735-4 270 lbs. (120 kg) \$1,378	714-735-4S 310 lbs. (141 kg) \$1,714	714-735-4T 330 lbs. (150 kg) \$1,897	4	8'	GS: 1' x 23' (.3m x 7m) PA: 32' x 35' (9.8m x 10.7m)
714-735-6 375 lbs. (170 kg) \$1,955	714-735-6S 440 lbs. (200 kg) \$2,458	714-735-6T 470 lbs. (213 kg) \$2,735	6	8'	GS: 1' x 34' (.3m x 10.4m) PA: 32' x 46' (9.8m x 14m)
714-735-8 480 lbs. (218 kg) \$2,527	714-735-8S 560 lbs. (254 kg) \$3,199	714-735-8T 600 lbs. (272 kg) \$3,567	8	8'	GS: 1' x 45' (.3m x 13.7m) PA: 32' x 57' (9.8m x 17.4m)
<b>5" OD TWINGS (T-SWINGS) WITH PAINTED FRAME</b>					
2012 255 lbs. (116 kg) \$1,089	2012S 275 lbs. (125 kg) \$1,257	2012T 285 lbs. (129 kg) \$1,349	2	8'	GS: 1' x 13'6" (.3m x 4.1m) PA: 32' x 25'6" (9.8m x 7.7m)

\*Special Frames Available for Therapeutic Seat(s)

\*\*The protective area for the to/fro direction for Tot Seat Swings is 28'



# DYNAMO ROCKS!

## Alpine Series Information

### SPECIFICATIONS AND DESCRIPTION

Manufactured from color integrated Glass Fiber Reinforced Concrete (GFRC) over structural steel frame. Glass fiber is Alkali Resistant (AR) type glass formulated for concrete. GFRC shall be 1,500 pounds per square inch in tension, 5,000 pounds per square inch in compression. Hardened GFRC is colored with an Alkali reactive chemical stain, which permanently changes the surface color of the concrete. Final coloring is achieved with latex stain made for concrete. GFRC is readily repairable no matter the age of the material.

The estimated delivery date will be confirmed within 24 hours prior to shipping. If delivery date is changed a service charge of 10% of the shipping charge will be added to the rescheduled shipping.

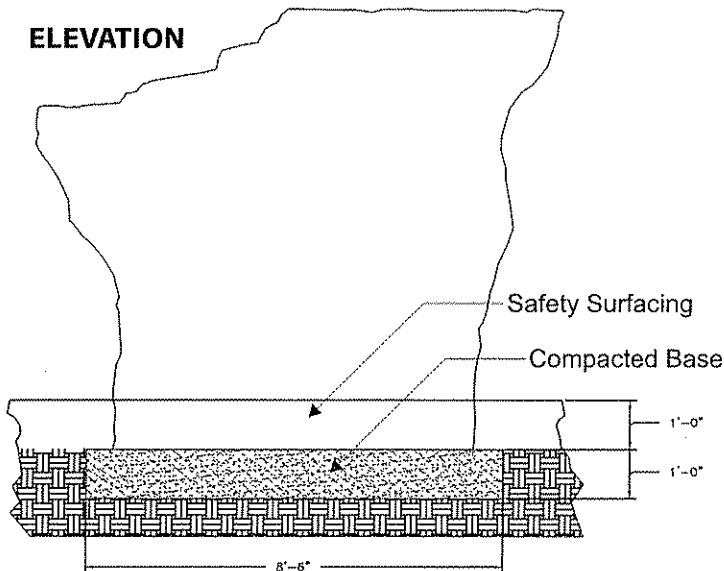
It is the responsibility of the installation contractor to coordinate with the driver to insure timely offloading. The truck will remain on-site for 2 hours after the appointed delivery time. After this period there would be a fee of \$50 per hour

### INSTALLATION

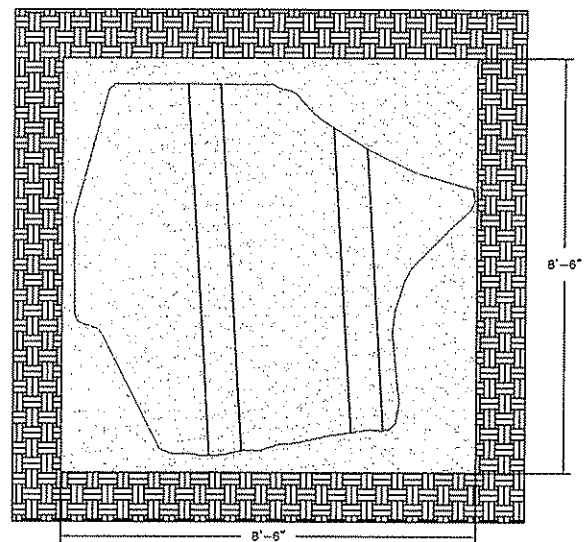
Read installation instructions thoroughly before starting installation process.

1. Foundation shall be prepared in advance of delivery of the climber. Base shall be compacted stone base - 12" minimum thickness with a vibratory compactor - to be determined by local soil conditions. Density requirement is 95% compaction with final condition of stone as level and stable so as not to shift when traveled on or during surface installation process. Area shall be 8'6" x 8'6".
2. King Peak is shipped in one piece on a Flatbed Semi to site. Fork Lift pockets are built in for lifting. Placement of components shall be placed with a Lull-type Forklift, Crane or Boom Truck capable of lifting 6,000 pounds centered on the compacted stone foundation. Test overall stability and rigidity of equipment. Take care in protecting the King Peak by not to make contact with concrete surface with installation equipment.
3. Shock absorbing properties of safety surfacing materials vary. If you determine that less or more than 12" of surfacing is required, make up the difference in elevation with earth and base before applying the surfacing. A soft, resilient surface should be placed around all climbers, extending at least eight feet in all directions surrounding the climber. NEVER INSTALL PLAY EQUIPMENT ON CONCRETE OR ASPHALT. A fall on a hard surface can result in serious injury to the equipment user.

**ELEVATION**



**PLAN VIEW**

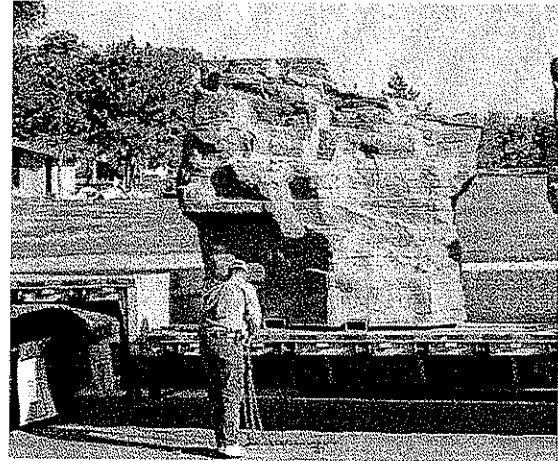


# DYNAMO ROCKS!

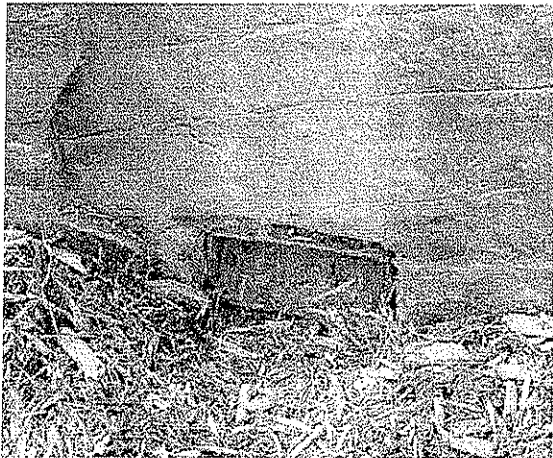
## Alpine Series Information



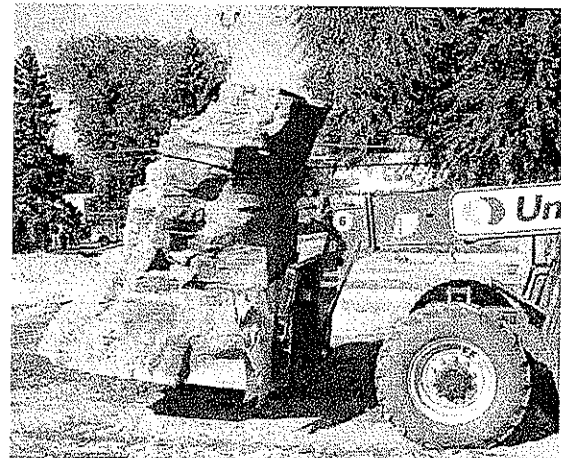
Start with a base of compacted aggregate



King Peak is shipped in one piece on a Flatbed Semi

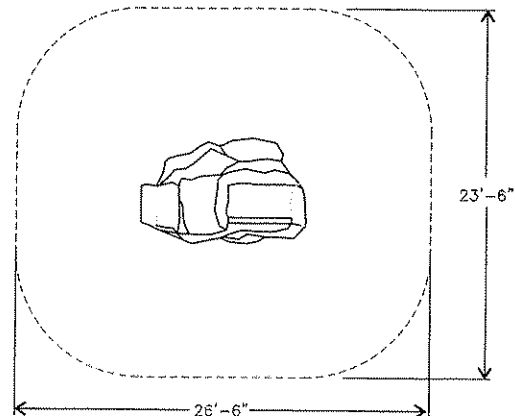


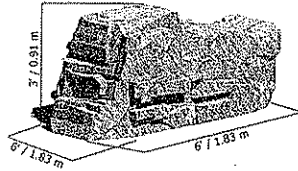
Forklift pockets built in for Lifting



Lower the King Peak into place with a Lull-type Forklift, Crane or Boom

**⚠ WARNING**  
INSTALLATION OVER  
A HARD SURFACE  
SUCH AS CONCRETE,  
ASPHALT, OR PACKED  
EARTH MAY RESULT  
IN SERIOUS INJURY  
OR DEATH  
FROM FALLS.





Product Name	MAJESTIC MOUNTAIN ROCK
Product Number	DX-RO3122B
Size -- Length	1.83 m / 6' 0"
Size -- Width	1.83 m / 6' 0"
Size -- Height	0.91 m / 3' 0"
Shipping Weight	860 kg / 1896.0 lb
Shipping Volume	4.1 m <sup>3</sup> / 144.8 ft <sup>3</sup>
Features	

	<b>ASTM F-1487</b>	<b>CSA Z614</b>	<b>EN 1176</b>
Ages	5 years - 12 years	5 years - 12 years	6 years - 12 years
Capacity	6	6	6
Use Zone -- Length	6.71 m / 22' 0"	6.71 m / 22' 0"	6.71 m / 22' 0"
Use Zone -- Width	6.71 m / 22' 0"	6.71 m / 22' 0"	6.71 m / 22' 0"
Fall Height	0.91 m / 3' 0"	0.91 m / 3' 0"	0.91 m / 3' 0"

## Product Features:

**ROCK CONSTRUCTION:** Manufactured from colour-integrated Glass Fiber Reinforced Concrete (GFRC) over structural steel frame. Glass Fiber is Alkali-Resistant type glass formulated for concrete. GFRC shall be 1500 PSI (10.3 MPa) in tension, 5000 PSI (34.5 MPa) in compression.

**ROCK COLOURING:** Hardened GFRC is coloured with Alkali reactive chemical stain, which permanently changes the surface colour of the concrete. Final colouring is achieved with latex stain made for concrete.

**ROCK REPAIR:** GFRC is readily repairable no matter the age of the material.

**COMPLIANT WITH:**  
**CAN/CSA-Z614-07**  
**ASTM F-1487-07a<sup>e1</sup>**  
**EN-1176**  
**CPSC Handbook for Public Playground Safety**

**INSTALLATION:** This should be installed only by a NPSI, CPSI or equivalent certified installer.

**ROCKS! WARRANTY:** Dynamo Industries (Manufacturer) warrants all Dynamo ROCKS! products (Products) to be free from defect in materials or workmanship for a period of (1) one year during normal use and installation and in accordance with our published specifications. If the purchaser discovers within this period a failure of the product to conform to specifications, or a defect in material or workmanship, the purchaser must promptly notify Manufacturer in writing within fifteen (15) days of discovering the defect. Within a reasonable time after notification, at the sole option of Manufacturer, Manufacturer shall perform a repair or correct these products if defective in manufacturing workmanship, materials or parts only, labour is excluded.



This warranty does not apply to:

1. Damage resulting from improper use.
2. Any product, component or part not supplied by Manufacturer.
3. Defects generated by uses other than those for which it was created.
4. Damage resulting from vandalism.
5. Damage resulting from natural catastrophic events.
6. Normal expected wear or weathering such as colour changes, minor scratches or normal weather-related stains.
7. Accidents, injuries or liabilities which result from the use of Products or services.
8. Damage caused during shipment.
9. Damage which results from incorrect installation that does not conform to published instructions and specifications.

This warranty period of 12 months begins on the date that Products are shipped. The warranty starting and ending dates do not coincide with payment dates or the completion of work done by others. Warranty is void if sand or pea gravel safety surfacing is used as a resilient surface under products. NOTE: All concrete has naturally occurring hairline cracks and these are not product defects.

These warranties cover either replacement or repair, at the Manufacturer's discretion, of any Products according to the above descriptions. Transportation and installation-on-site costs are not covered by these warranties, except where specific arrangements are made with written consent from the Manufacturer.

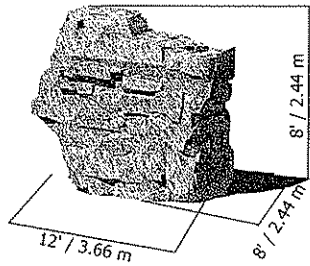
To make claim under the terms of the Warranty, the Buyer's written statement of claim, along with a copy of the original invoice, maintenance records, and supporting photographs, must be sent to the below listed address.

OPTIONS:

Optional Equipment Includes:

- ASCENT CLIMBER™ (Max. Qty: 1) #DX-RO9250N





Product Name	KING PEAK ROCK
Product Number	DX-RO1275B
Size -- Length	3.66 m / 12' 0"
Size -- Width	2.44 m / 8' 0"
Size -- Height	2.44 m / 8' 0"
Shipping Weight	2180 kg / 4806.1 lb
Shipping Volume	24.6 m <sup>3</sup> / 868.7 ft <sup>3</sup>
Foundations	1

	<b>ASTM F-1487</b>	<b>CSA Z614</b>	<b>EN 1176</b>
Ages	5 years - 12 years	5 years - 12 years	6 years - 12 years
Capacity	12	12	12
Use Zone -- Length	8.54 m / 28' 0"	8.54 m / 28' 0"	8.54 m / 28' 0"
Use Zone -- Width	7.32 m / 24' 0"	7.32 m / 24' 0"	7.32 m / 24' 0"
Fall Height	2.44 m / 8' 0"	2.44 m / 8' 0"	2.44 m / 8' 0"

## Product Features:

**ROCK CONSTRUCTION:** Manufactured from colour-integrated Glass Fiber Reinforced Concrete (GFRC) over structural steel frame. Glass Fiber is Alkali-Resistant type glass formulated for concrete. GFRC shall be 1500 PSI (10.3 MPa) in tension, 5000 PSI (34.5 MPa) in compression.

**ROCK COLOURING:** Hardened GFRC is coloured with Alkali reactive chemical stain, which permanently changes the surface colour of the concrete. Final colouring is achieved with latex stain made for concrete.

**ROCK REPAIR:** GFRC is readily repairable no matter the age of the material.

**COMPLIANT WITH:** **CAN/CSA-Z614-07**  
**ASTM F-1487-07a<sup>e1</sup>**  
**EN-1176**  
**CPSC Handbook for Public Playground Safety**

**INSTALLATION:** This should be installed only by a NPSI, CPSI or equivalent certified installer.

**ROCKS! WARRANTY:** Dynamo Industries (Manufacturer) warrants all Dynamo ROCKS! products (Products) to be free from defect in materials or workmanship for a period of (1) one year during normal use and installation and in accordance with our published specifications. If the purchaser discovers within this period a failure of the product to conform to specifications, or a defect in material or workmanship, the purchaser must promptly notify Manufacturer in writing within fifteen (15) days of discovering the defect. Within a reasonable time after notification, at the sole option of Manufacturer, Manufacturer shall perform a repair or correct these products if defective in manufacturing workmanship, materials or parts only, labour is excluded.



This warranty does not apply to:

1. Damage resulting from improper use.
2. Any product, component or part not supplied by Manufacturer.
3. Defects generated by uses other than those for which it was created.
4. Damage resulting from vandalism.
5. Damage resulting from natural catastrophic events.
6. Normal expected wear or weathering such as colour changes, minor scratches or normal weather-related stains.
7. Accidents, injuries or liabilities which result from the use of Products or services.
8. Damage caused during shipment.
9. Damage which results from incorrect installation that does not conform to published instructions and specifications.

This warranty period of 12 months begins on the date that Products are shipped. The warranty starting and ending dates do not coincide with payment dates or the completion of work done by others. Warranty is void if sand or pea gravel safety surfacing is used as a resilient surface under products. NOTE: All concrete has naturally occurring hairline cracks and these are not product defects.

These warranties cover either replacement or repair, at the Manufacturer's discretion, of any Products according to the above descriptions. Transportation and installation-on-site costs are not covered by these warranties, except where specific arrangements are made with written consent from the Manufacturer.

To make claim under the terms of the Warranty, the Buyer's written statement of claim, along with a copy of the original invoice, maintenance records, and supporting photographs, must be sent to the below listed address.

OPTIONS:

Optional Equipment Includes:

- ROCKSLIDE™ FOR KING PEAK (Max. Qty: 1) #DX-RO1275S
- ASCENT CLIMBER™ (Max. Qty: 1) #DX-RO9250N



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

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

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

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

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

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

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

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

**Steel Posts** shall be 89 mm (3.5") O.D. or ( 5 " ) O.D, 11 gauge pre-galvanized round tubing, or aluminum round tubing when specified. Minimum tensile strength shall be 380MPa (55,000 psi). Minimum yield point shall be 345MPa (50,000 psi). Plastic caps shall be positioned in the top of each post. Posts shall have a baked-on electrostatically applied polyester dry powder coating. Post uprights may be aluminum round tubing when specified.

**Square Vinyl Clad Metal Decks** shall cover a minimum of 1.03 square meters (1,596 square inches) of top surface area. Metal decks shall be fabricated from punched and formed 11 gauge hot rolled sheet steel. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**Vinyl Clad Half Deck** shall cover a minimum of .52 square meters (798 square inches) of top surface area. Metal decks shall be fabricated from punched and formed 11 gauge hot rolled sheet steel. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**Vinyl Clad Triangle Deck** shall cover a minimum of .45 square meters (680 square inches) of top surface area. Metal decks shall be fabricated from punched and formed 11 gauge hot rolled sheet steel. This assembly shall be dipped in a textured poly-vinyl-chloride coating.

**1.2m (48") and 915 mm (36") Transfer Station** shall consist of two triangular decks, a three step assembly for the 1.2 m (48") and two step assembly for the 915 mm (36") and handrails. Each triangular deck shall be fabricated from 11 gauge sheet steel, covering .37 square meters (575 square inches) and have three 25 x 152 mm (1" x 6") hand slots incorporated into the deck surface for aid in user transition. The step assemblies provide access from the transfer decks to a 1.2 m (48") deck height or 915 mm (36") deck height. Each step shall have a tread depth of 406 mm (16") and a tread width of 953 mm (37.5"), with each rise 203 mm (8") or less. Each step assembly shall have an all welded construction from 11 gauge sheet steel. Each step assembly and Transfer Deck shall be dipped in a textured poly-vinyl-chloride coating. Transfer Station handrails shall be fabricated from 33 mm (1.315") O.D., pre-galvanized, 14 gauge tubing. Transfer Station loops shall be fabricated from 42.2 mm (1.66") O.D., pre-galvanized, 11 gauge tubing. All welded handrail assemblies shall have a baked-on electrostatically applied polyester dry powder coating.

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

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

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

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

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

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

**Arch Bridge Safety Rails** vertical rungs shall be fabricated from 25 mm (1") pre-galvanized steel tubing. The horizontal rails shall be fabricated from 33 mm (1.315") pre-galvanized steel tubing. Safety rails shall provide an enclosure, and shall have no gaps greater than 80 mm (3.15") and less than 254 mm (10"), especially between vertical rungs and posts. Safety rails shall have a baked-on electrostatically applied polyester dry powder coating.

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

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

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

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

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

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

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

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

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

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



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

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

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

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

**Curly Climbers** shall be of a design which will not allow children to climb into the interior of the coil. Curly Climber coils shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. The center support post shall be fabricated out of 42.2 mm (1.66") O.D. pre-galvanized steel tubing. Enclosure shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. Curly Climbers shall be an all welded construction and shall have a baked-on electrostatically applied polyester dry powder coating.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**Wave Slides with Hood enclosure** shall be rotationally molded from linear low density polyethylene. Top of the slide hood shall be at least 925 mm (38") above the deck surface. The connection between the slide and the slide hood shall prohibit string entanglement. Plastic slide side rails shall be a minimum of 203 mm (8") high from the slide surface and slide bedway shall be designed with a 406 mm (16") minimum width. Plastic slides shall have the manufacturer's trademark applied to identify the source of the product. Slide bed shall be one-piece with no seams or joints. Slide end support shall be fabricated from 38 mm (1.5") square tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Mid support shall be fabricated from 42.2 mm (1.66") O.D. tubing and shall have a baked-on electrostatically applied polyester dry powder coating.

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

**Double Wide Slides** shall be rotationally molded from linear low density polyethylene. Plastic double wide slide sides shall be 203 mm (8") high from the slide surface and slide bedway shall be designed with a 406 mm (16") minimum width. Double wide slide shall be a one-piece design with a center divider having no seams, joints or gaps. Plastic slides shall have the manufacturer's trademark applied to identify the source of the product. Slide end support shall be fabricated from 38 mm (1.5") square tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Mid support shall be fabricated from 42.2 mm (1.66") O.D. tubing and shall have a baked-on electrostatically applied polyester dry powder coating. A single rail sit down bar shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing. All steel tubing shall have a baked-on electrostatically applied polyester dry powder coating.

**360° Spiral Slide (U.S. Patent #D335,517) with Hood** shall be two piece with a seamless bedway, rotationally molded from linear low density polyethylene. Slide side rails shall be a minimum of 355 mm (14") high from the slide surface. Center post shall be 89 mm (3.5") pre-galvanized tubing. Slide bed and enclosure shall conform to United States CPSC guidelines for spiral slides. Spiral slide shall provide a full 360° of rotation. Slide transition decks shall be fabricated from punched sheet steel and shall cover a minimum of 0.7 square meters (1,080 square inches) of top surface. This assembly shall be dipped in textured poly-vinyl-chloride. Slide enclosures shall be fabricated from 33 mm (1.315") O.D. pre-galvanized steel tubing and shall have a baked-on electrostatically applied polyester dry powder coating. Slide enclosures shall have no gaps greater than 76 mm (3") and less than 254 mm (10"), especially between vertical rungs and posts.

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

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

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

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

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

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

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

**Aluminum Steering Wheel** shall be cast in Tenzaloy, a high strength, self-aging aluminum alloy of the aluminum-zinc-magnesium type. This alloy shall comply to ASTM standards: B179-73, B26-72, B108-73, and Federal Specifications: QQ-A-371f, QQ-A-601d, and QQ-A-596e. Steering wheels shall mount to a 33 mm (1.315") 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 and be designed to bolt directly to the post and deck.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

On Landsoft<sup>a</sup> Rubber Mulch color steadfastness.

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

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

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

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

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

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

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

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

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

### **Additional PPLT Policies**

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

### **Pricing**

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

### **Specifications**

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

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

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

### **Cancellations and Returns**

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

### **Replacement Parts**

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